

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112221\
 Data File : VU045947.D
 Acq On : 23 Nov 2021 05:07
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/23/2021
 Supervised By : Mahesh Dadoda 11/23/2021

Quant Time: Nov 23 06:53:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 05 13:35:16 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.376	168	99466	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	173381	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	172126	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.813	152	91199	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.704	65	72536	48.694	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.380%		
35) Dibromofluoromethane	5.292	113	57630	49.785	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.580%		
50) Toluene-d8	7.900	98	218842	50.841	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.680%		
62) 4-Bromofluorobenzene	10.633	95	85226	49.376	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.760%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.389	85	72688	56.364	ug/l	99
3) Chloromethane	1.524	50	70040	47.466	ug/l	99
4) Vinyl Chloride	1.607	62	76776	53.414	ug/l	100
5) Bromomethane	1.864	94	45627	56.911	ug/l	98
6) Chloroethane	1.938	64	46658	49.739	ug/l	95
7) Trichlorofluoromethane	2.144	101	106176	55.861	ug/l	100
8) Diethyl Ether	2.379	74	41037	54.542	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.588	101	59239	53.374	ug/l	97
10) Methyl Iodide	2.729	142	68606	47.235	ug/l	93
11) Tert butyl alcohol	3.282	59	80355m	272.535	ug/l	
12) 1,1-Dichloroethene	2.585	96	59284	54.175	ug/l	94
13) Acrolein	2.501	56	11672	273.179	ug/l	97
14) Allyl chloride	2.929	41	100173	51.267	ug/l	96
15) Acrylonitrile	3.324	53	241275	306.497	ug/l	99
16) Acetone	2.655	43	188191	248.179	ug/l	96
17) Carbon Disulfide	2.800	76	164752	53.751	ug/l	100
18) Methyl Acetate	2.958	43	138109	53.474	ug/l	98
19) Methyl tert-butyl Ether	3.366	73	216058	54.850	ug/l	98
20) Methylene Chloride	3.051	84	69729	52.922	ug/l	95
21) trans-1,2-Dichloroethene	3.360	96	65346	57.399	ug/l	94
22) Diisopropyl ether	3.993	45	196015	51.091	ug/l #	85
23) Vinyl Acetate	3.961	43	814272	275.950	ug/l	98
24) 1,1-Dichloroethane	3.874	63	123134	53.858	ug/l	100
25) 2-Butanone	4.716	43	298272	283.605	ug/l	97
26) 2,2-Dichloropropane	4.671	77	88126	46.516	ug/l	100
27) cis-1,2-Dichloroethene	4.671	96	73900	55.267	ug/l	96
28) Bromochloromethane	4.977	49	52534	48.198	ug/l	90
29) Tetrahydrofuran	5.060	42	188707	293.334	ug/l	95
30) Chloroform	5.093	83	123517	54.627	ug/l	100
31) Cyclohexane	5.392	56	105647	48.607	ug/l	97
32) 1,1,1-Trichloroethane	5.321	97	108347	56.190	ug/l	96
36) 1,1-Dichloropropene	5.530	75	91240	53.969	ug/l	98
37) Ethyl Acetate	4.806	43	109943	56.613	ug/l	99
38) Carbon Tetrachloride	5.527	117	93033	54.584	ug/l	100
39) Methylcyclohexane	6.765	83	106029	51.122	ug/l	95
40) Benzene	5.777	78	265870	53.118	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.977	41	59206	57.690	ug/l	96
42) 1,2-Dichloroethane	5.797	62	98705	54.595	ug/l	99
43) Isopropyl Acetate	5.913	43	159690	53.761	ug/l	97
44) Trichloroethene	6.546	130	70513	58.854	ug/l	98
45) 1,2-Dichloropropane	6.793	63	69777	52.686	ug/l	99
46) Dibromomethane	6.919	93	50499	55.031	ug/l	97
47) Bromodichloromethane	7.109	83	98481	56.560	ug/l	99
48) Methyl methacrylate	6.961	41	73033	53.419	ug/l	93
49) 1,4-Dioxane	7.048	88	32385	921.098	ug/l #	95
51) 4-Methyl-2-Pentanone	7.793	43	551103	281.256	ug/l	98
52) Toluene	7.970	92	172081	56.156	ug/l	100
53) t-1,3-Dichloropropene	8.211	75	109481	54.711	ug/l	97
54) cis-1,3-Dichloropropene	7.610	75	115809	54.486	ug/l	94
55) 1,1,2-Trichloroethane	8.401	97	71707	56.462	ug/l	98
56) Ethyl methacrylate	8.334	69	111491	48.995	ug/l	94
57) 1,3-Dichloropropane	8.575	76	122603	53.599	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.465	63	308527	263.876	ug/l	97
59) 2-Hexanone	8.687	43	434128	254.486	ug/l	99
60) Dibromochloromethane	8.813	129	74748	56.522	ug/l	100
61) 1,2-Dibromoethane	8.925	107	77590	56.963	ug/l	100
64) Tetrachloroethene	8.555	164	64731	65.522	ug/l	98
65) Chlorobenzene	9.446	112	180364	53.346	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.536	131	66067	54.789	ug/l	97
67) Ethyl Benzene	9.572	91	334633	55.268	ug/l	100
68) m/p-Xylenes	9.694	106	258686	113.287	ug/l	100
69) o-Xylene	10.102	106	124972	56.294	ug/l	100
70) Styrene	10.115	104	215709	57.435	ug/l	98
71) Bromoform	10.292	173	59793	52.242	ug/l #	99
73) Isopropylbenzene	10.485	105	333165	55.911	ug/l	100
74) N-amyl acetate	10.321	43	131668	48.980	ug/l	96
75) 1,1,2,2-Tetrachloroethane	10.784	83	124742	52.837	ug/l	98
76) 1,2,3-Trichloropropane	10.826	75	140201	50.693	ug/l	92
77) Bromobenzene	10.784	156	79828	55.177	ug/l	91
78) n-propylbenzene	10.906	91	403995	54.473	ug/l	99
79) 2-Chlorotoluene	10.986	91	239232	54.598	ug/l	99
80) 1,3,5-Trimethylbenzene	11.089	105	286138	54.960	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.546	75	36257	43.368	ug/l	94
82) 4-Chlorotoluene	11.099	91	280951	54.674	ug/l	99
83) tert-Butylbenzene	11.420	119	268476	54.096	ug/l	99
84) 1,2,4-Trimethylbenzene	11.469	105	287749	55.610	ug/l	99
85) sec-Butylbenzene	11.645	105	358074	54.401	ug/l	100
86) p-Isopropyltoluene	11.793	119	296057	53.826	ug/l	100
87) 1,3-Dichlorobenzene	11.745	146	155908	53.410	ug/l	100
88) 1,4-Dichlorobenzene	11.835	146	158646	53.735	ug/l	99
89) n-Butylbenzene	12.208	91	271840	51.307	ug/l	99
90) Hexachloroethane	12.475	117	44809	45.160	ug/l	93
91) 1,2-Dichlorobenzene	12.211	146	153793	54.152	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.999	75	29569	53.079	ug/l	90
93) 1,2,4-Trichlorobenzene	13.841	180	104866	53.403	ug/l	97
94) Hexachlorobutadiene	14.022	225	42954	50.675	ug/l	98
95) Naphthalene	14.086	128	383636	51.926	ug/l	99
96) 1,2,3-Trichlorobenzene	14.330	180	104662	53.660	ug/l	98

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ClientSampleId :
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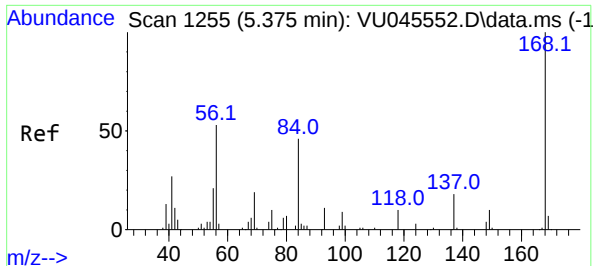
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Fri Nov 05 13:35:16 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.376 min Scan# 11
Delta R.T. 0.001 min
Lab File: VU045947.D
Acq: 23 Nov 2021 05:07

Instrument :

MSVOA_U

ClientSampleId :

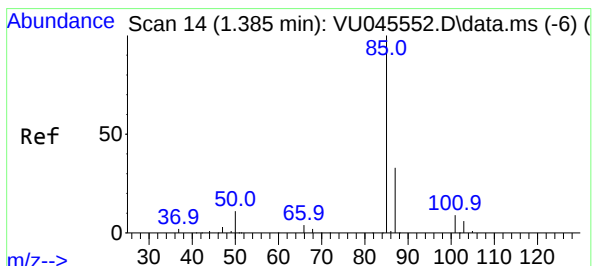
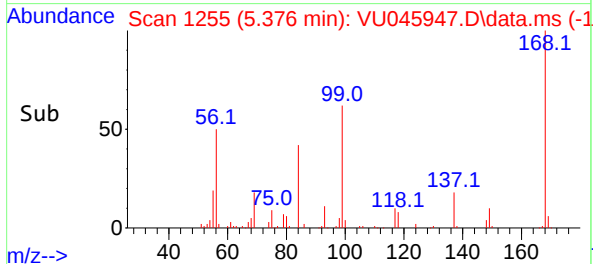
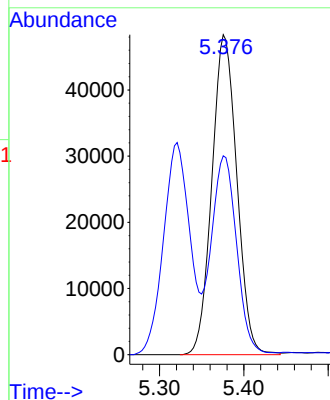
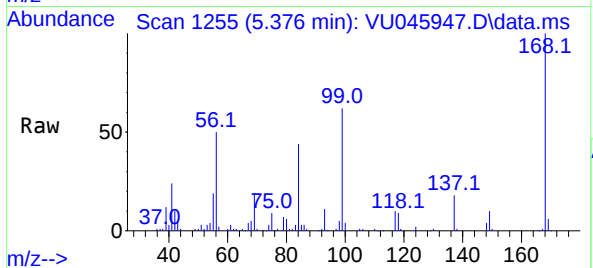
VSTDCCC050EC

Tgt Ion:168 Resp: 99460
Ion Ratio Lower Upper
168 100
99 61.5 51.0 76.6

Manual Integrations

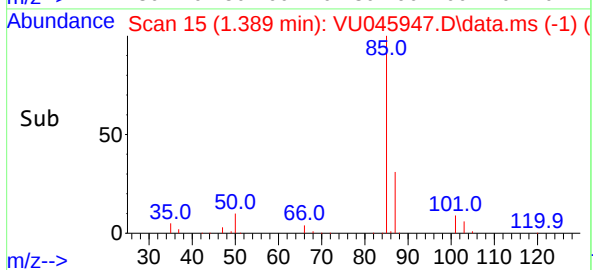
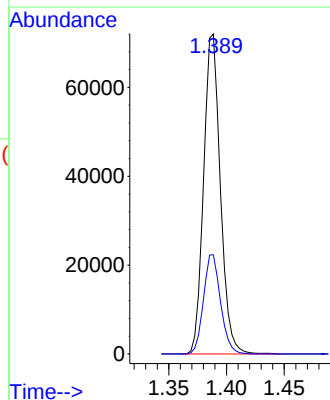
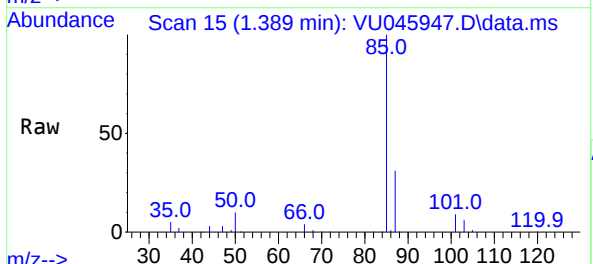
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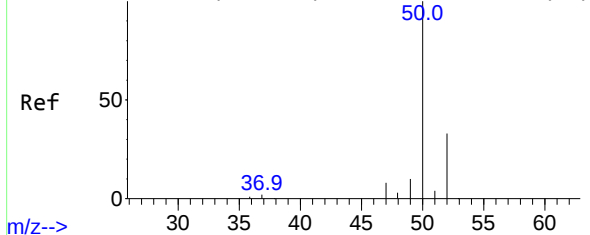


#2
Dichlorodifluoromethane
Concen: 56.364 ug/l
RT: 1.389 min Scan# 15
Delta R.T. 0.003 min
Lab File: VU045947.D
Acq: 23 Nov 2021 05:07

Tgt Ion: 85 Resp: 72688
Ion Ratio Lower Upper
85 100
87 31.0 15.9 47.7



Abundance Scan 57 (1.523 min): VU045552.D\data.ms (-48)



#3

Chloromethane

Concen: 47.466 ug/l

RT: 1.524 min Scan# 51

Delta R.T. 0.000 min

Lab File: VU045947.D

Acq: 23 Nov 2021 05:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 50 Resp: 70040

Ion Ratio Lower Upper

50 100

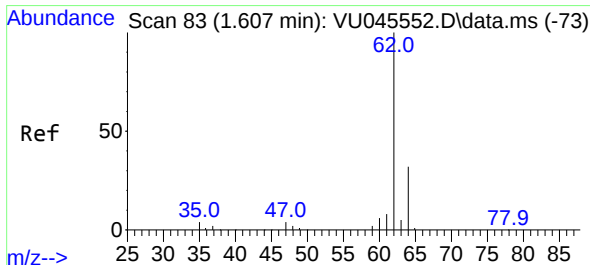
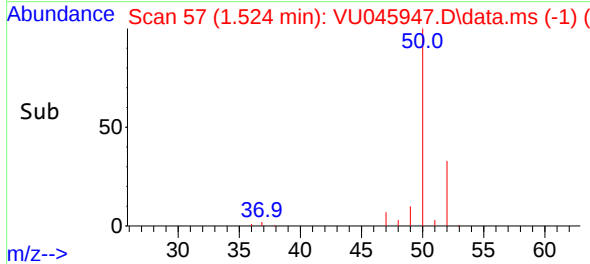
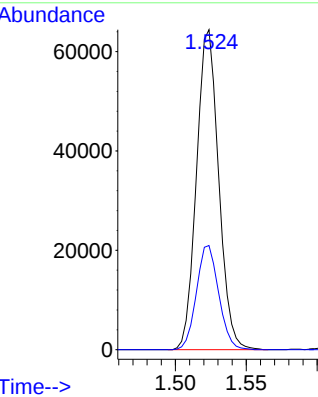
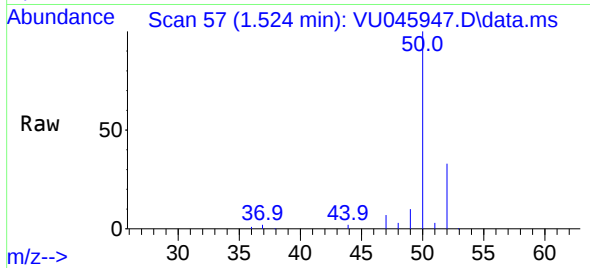
52 32.6 26.6 40.0

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#4

Vinyl Chloride

Concen: 53.414 ug/l

RT: 1.607 min Scan# 83

Delta R.T. 0.000 min

Lab File: VU045947.D

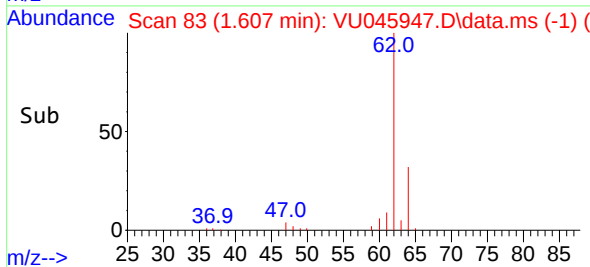
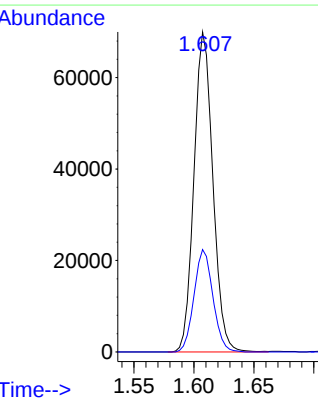
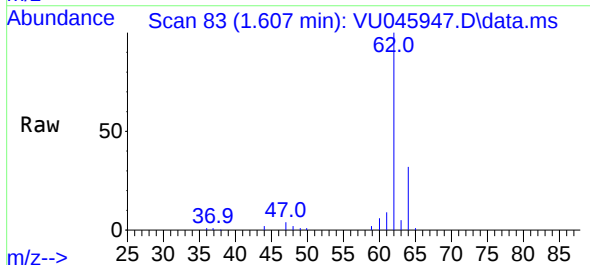
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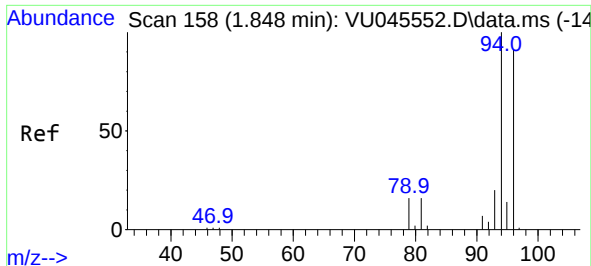
Tgt Ion: 62 Resp: 76776

Ion Ratio Lower Upper

62 100

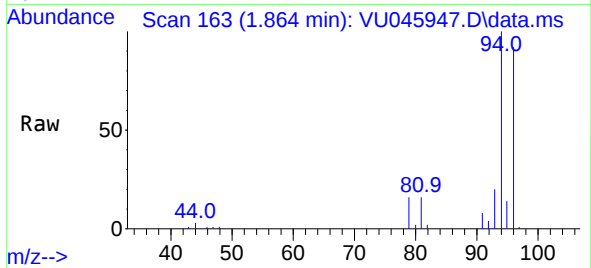
64 32.0 25.8 38.6





#5
Bromomethane
Concen: 56.911 ug/l
RT: 1.864 min Scan# 11
Delta R.T. 0.016 min
Lab File: VU045947.D
Acq: 23 Nov 2021 05:07

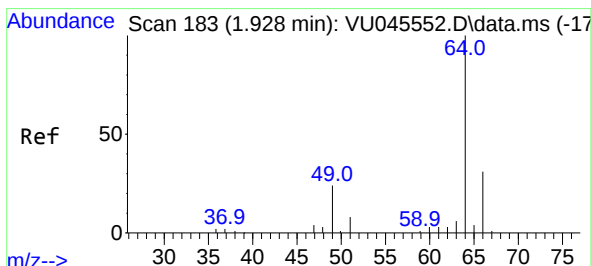
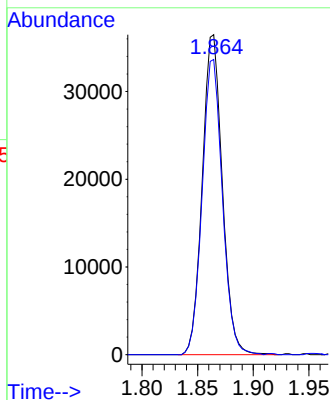
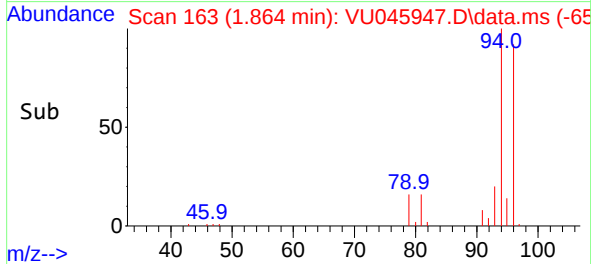
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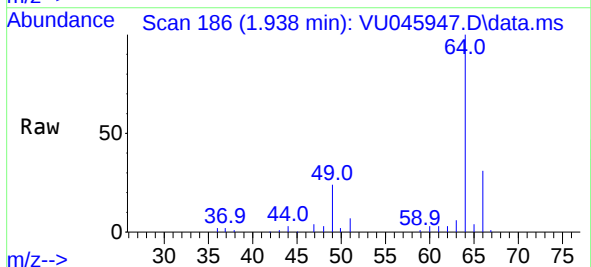
Tgt Ion: 94 Resp: 4562
Ion Ratio Lower Upper
94 100
96 92.2 75.4 113.2

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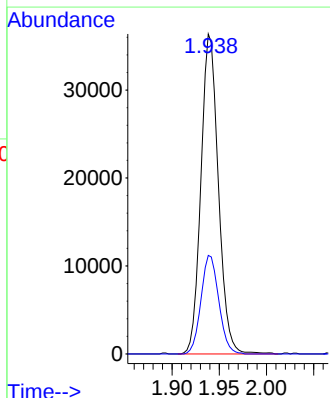
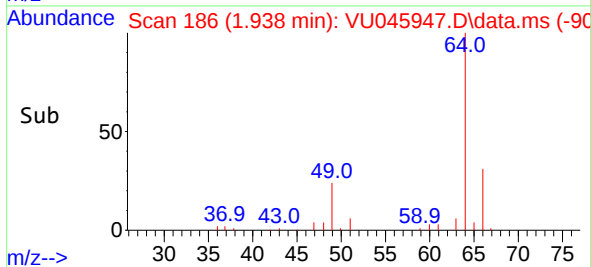
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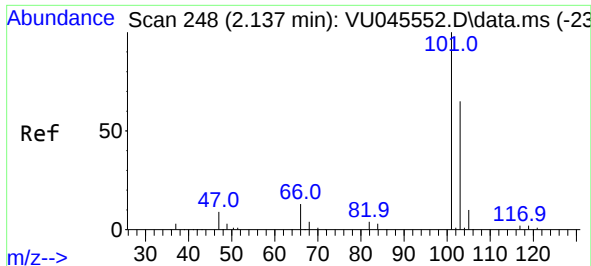


#6
Chloroethane
Concen: 49.739 ug/l
RT: 1.938 min Scan# 186
Delta R.T. 0.010 min
Lab File: VU045947.D
Acq: 23 Nov 2021 05:07



Tgt Ion: 64 Resp: 46658
Ion Ratio Lower Upper
64 100
66 30.8 26.7 40.1





#7
Trichlorofluoromethane
Concen: 55.861 ug/l
RT: 2.144 min Scan# 21
Delta R.T. 0.007 min
Lab File: VU045947.D
Acq: 23 Nov 2021 05:07

Instrument :

MSVOA_U

ClientSampleId :

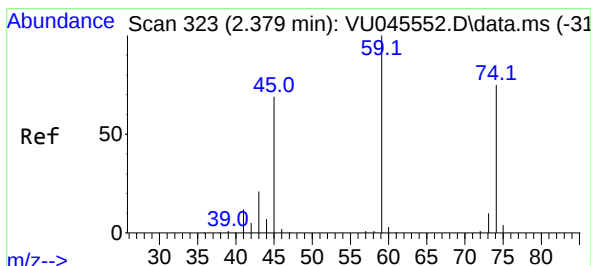
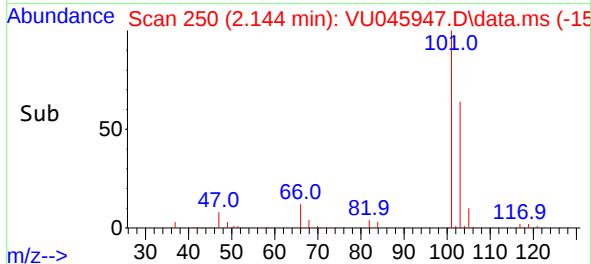
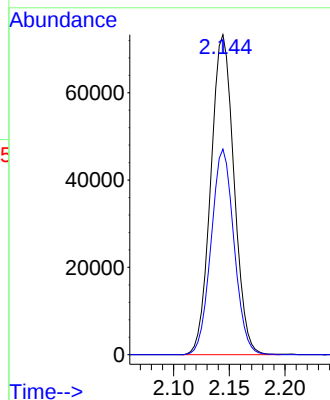
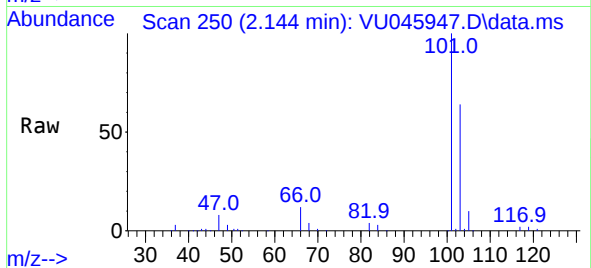
VSTDCCC050EC

Tgt Ion:101 Resp: 106170
Ion Ratio Lower Upper
101 100
103 64.3 51.4 77.0

Manual Integrations

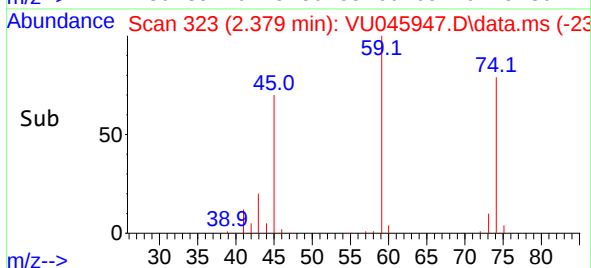
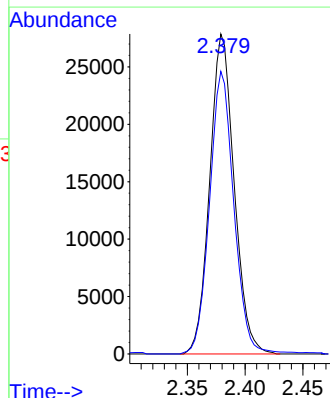
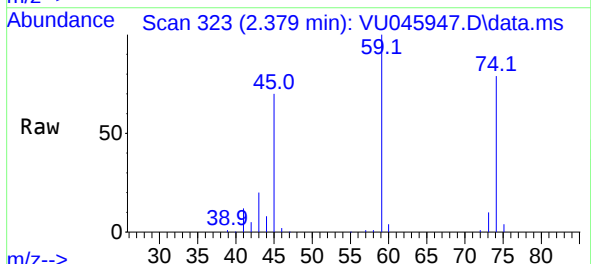
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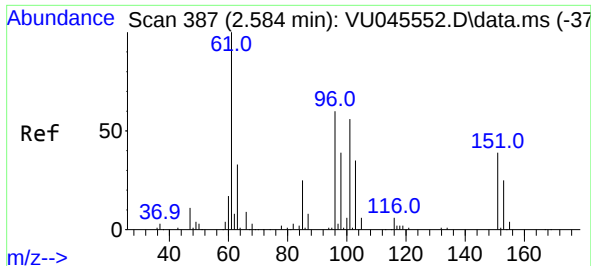
Reviewed By :John Carlone 11/23/2021
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#8
Diethyl Ether
Concen: 54.542 ug/l
RT: 2.379 min Scan# 323
Delta R.T. 0.000 min
Lab File: VU045947.D
Acq: 23 Nov 2021 05:07

Tgt Ion: 74 Resp: 41037
Ion Ratio Lower Upper
74 100
45 87.9 47.3 141.8





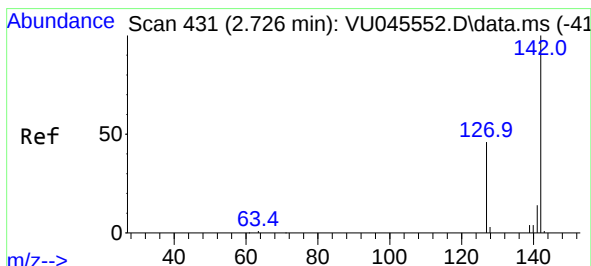
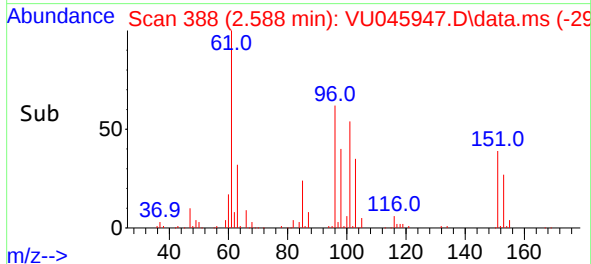
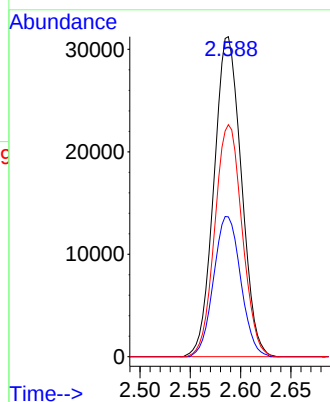
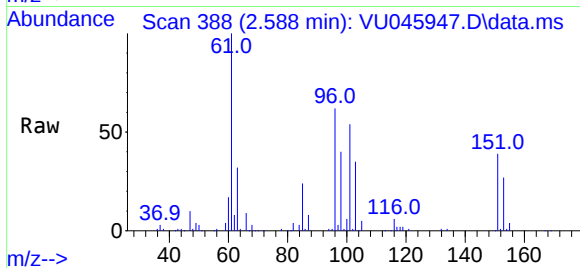
#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.374 ug/l
RT: 2.588 min Scan# 387
Delta R.T. 0.003 min
Lab File: VU045947.D
Acq: 23 Nov 2021 05:07

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 59239
Ion Ratio Lower Upper
101 100
85 43.3 35.0 52.4
151 72.4 54.6 82.0

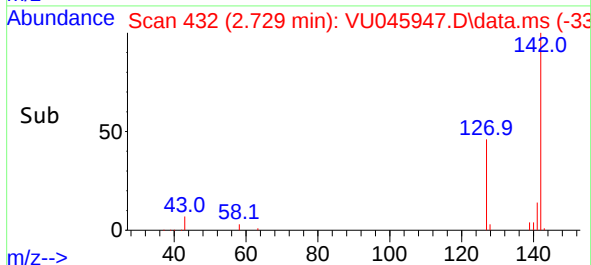
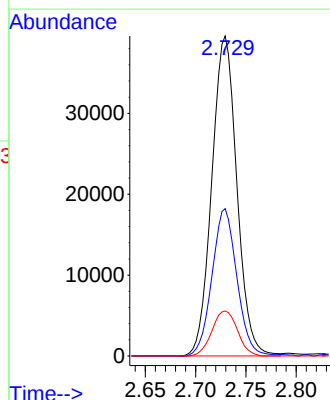
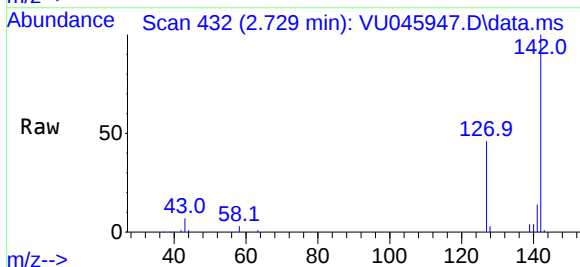
Manual Integrations
APPROVED

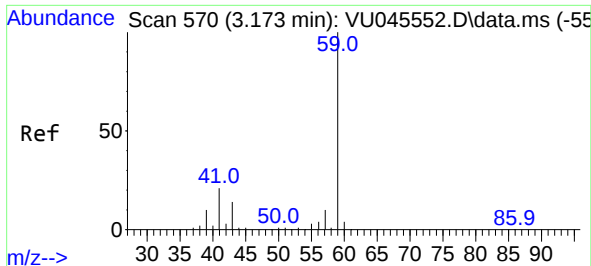
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021



#10
Methyl Iodide
Concen: 47.235 ug/l
RT: 2.729 min Scan# 432
Delta R.T. 0.003 min
Lab File: VU045947.D
Acq: 23 Nov 2021 05:07

Tgt Ion:142 Resp: 68606
Ion Ratio Lower Upper
142 100
127 45.8 32.2 48.2
141 14.3 11.3 16.9





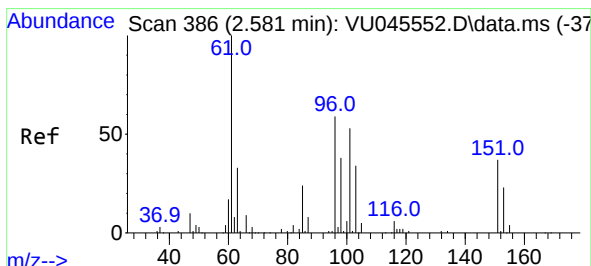
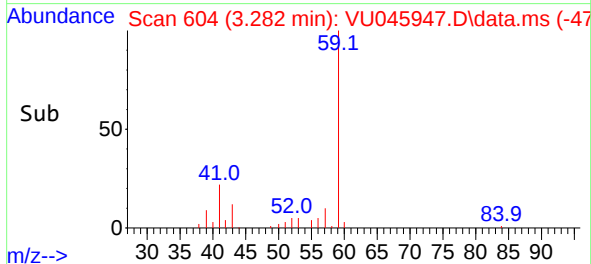
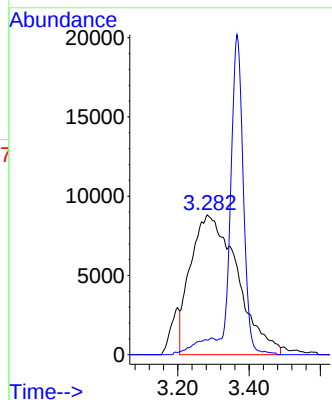
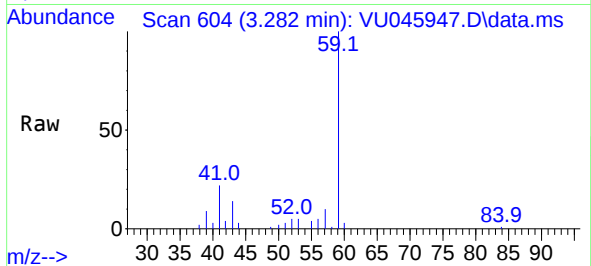
#11
Tert butyl alcohol
Concen: 272.535 ug/l m
RT: 3.282 min Scan# 60
Delta R.T. 0.110 min
Lab File: VU045947.D
Acq: 23 Nov 2021 05:07

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 8035
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5

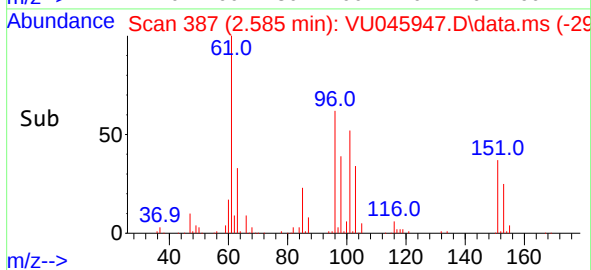
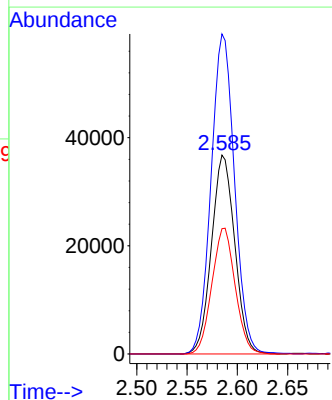
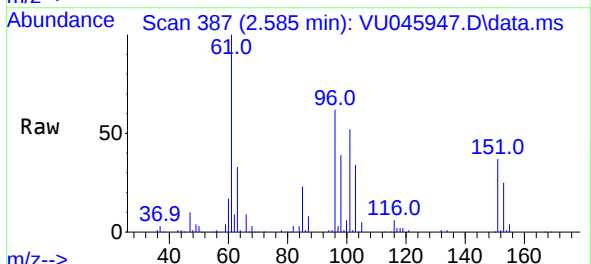
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021

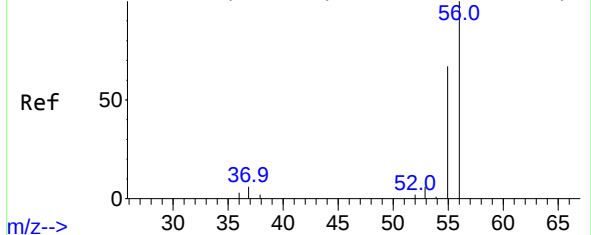


#12
1,1-Dichloroethene
Concen: 54.175 ug/l
RT: 2.585 min Scan# 387
Delta R.T. 0.003 min
Lab File: VU045947.D
Acq: 23 Nov 2021 05:07

Tgt Ion: 96 Resp: 59284
Ion Ratio Lower Upper
96 100
61 160.8 137.1 205.7
98 62.9 51.5 77.3



Abundance Scan 357 (2.488 min): VU045552.D\data.ms (-34



#13

Acrolein

Concen: 273.179 ug/l

RT: 2.501 min Scan# 3

Delta R.T. 0.013 min

Lab File: VU045947.D

Acq: 23 Nov 2021 05:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 11672

Ion Ratio Lower Upper

56 100

55 67.7 56.3 84.5

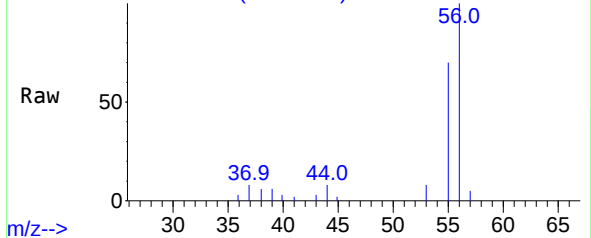
Manual Integrations

APPROVED

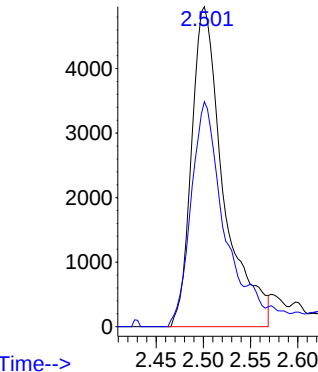
Reviewed By :John Carlone 11/23/2021

Supervised By :Mahesh Dadoda 11/23/2021

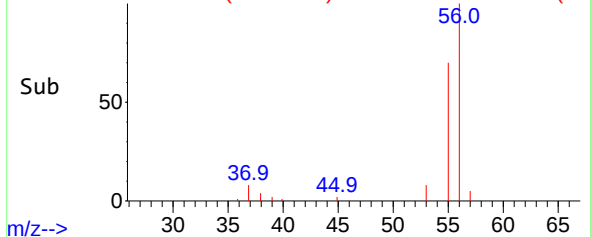
Abundance Scan 361 (2.501 min): VU045947.D\data.ms



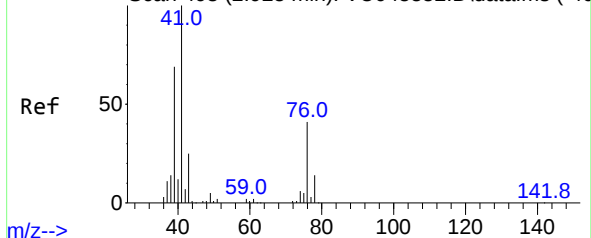
Abundance



Abundance Scan 361 (2.501 min): VU045947.D\data.ms (-26



Abundance Scan 493 (2.925 min): VU045552.D\data.ms (-46



#14

Allyl chloride

Concen: 51.267 ug/l

RT: 2.929 min Scan# 494

Delta R.T. 0.003 min

Lab File: VU045947.D

Acq: 23 Nov 2021 05:07

Tgt Ion: 41 Resp: 100173

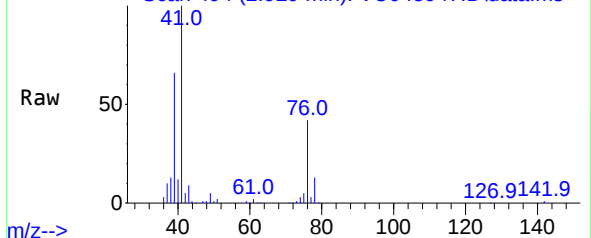
Ion Ratio Lower Upper

41 100

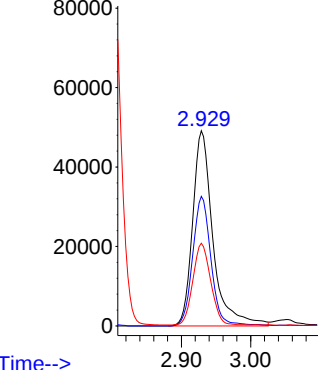
39 59.2 49.7 74.5

76 36.7 27.7 41.5

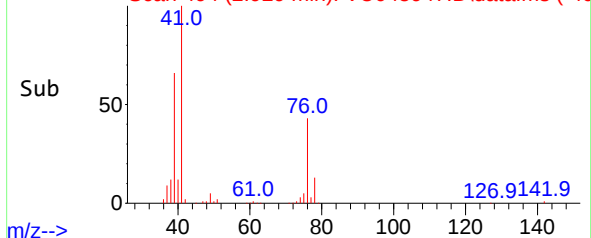
Abundance Scan 494 (2.929 min): VU045947.D\data.ms

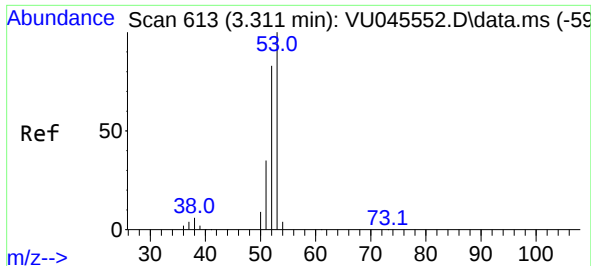


Abundance



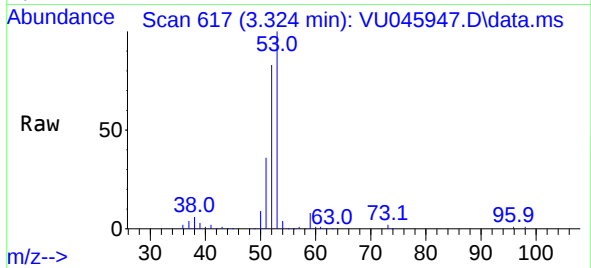
Abundance Scan 494 (2.929 min): VU045947.D\data.ms (-40





#15
Acrylonitrile
Concen: 306.497 ug/l
RT: 3.324 min Scan# 613
Delta R.T. 0.013 min
Lab File: VU045947.D
Acq: 23 Nov 2021 05:07

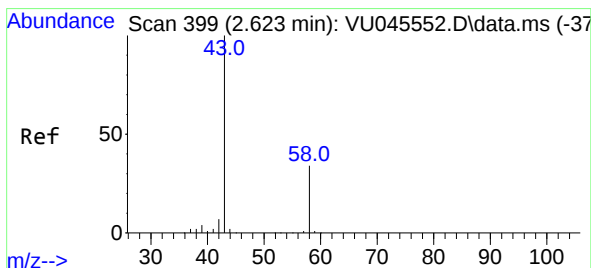
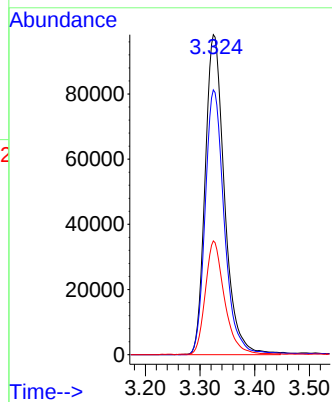
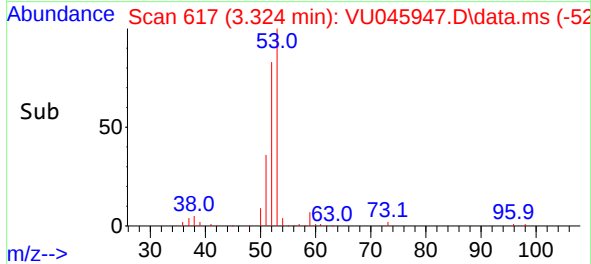
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 241275
Ion Ratio Lower Upper
53 100
52 82.2 66.6 100.0
51 34.8 28.4 42.6

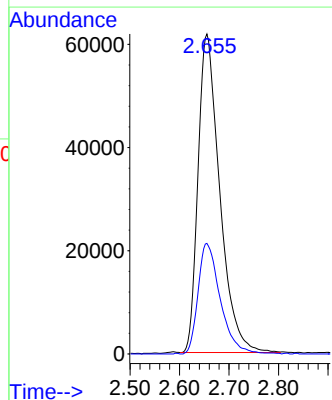
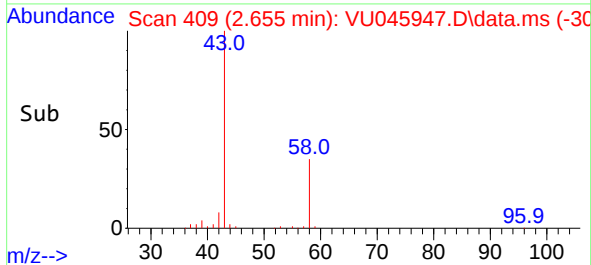
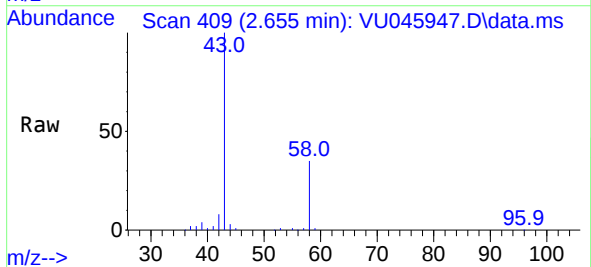
Manual Integrations
APPROVED

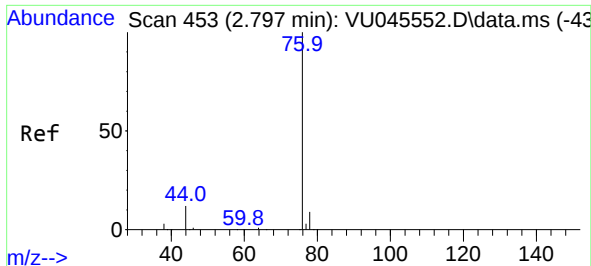
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021



#16
Acetone
Concen: 248.179 ug/l
RT: 2.655 min Scan# 409
Delta R.T. 0.032 min
Lab File: VU045947.D
Acq: 23 Nov 2021 05:07

Tgt Ion: 43 Resp: 188191
Ion Ratio Lower Upper
43 100
58 34.7 26.2 39.2





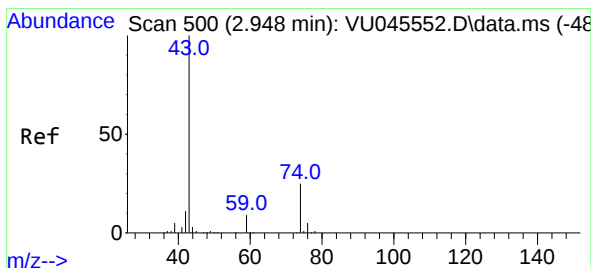
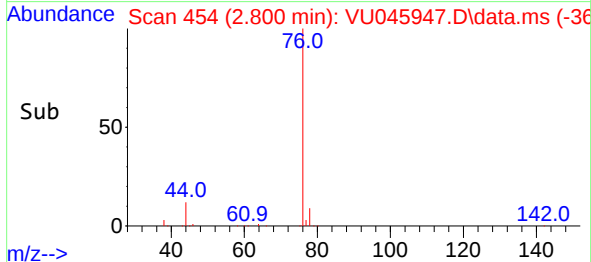
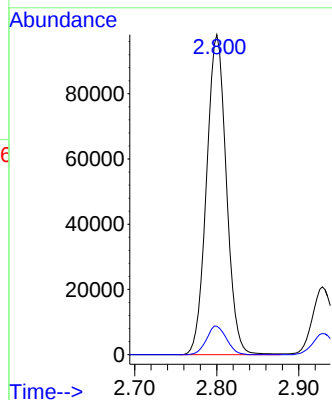
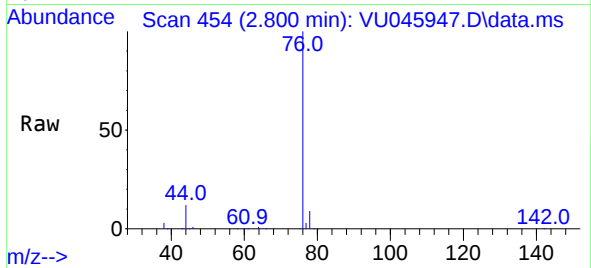
#17
Carbon Disulfide
Concen: 53.751 ug/l
RT: 2.800 min Scan# 41
Delta R.T. 0.003 min
Lab File: VU045947.D
Acq: 23 Nov 2021 05:07

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 164752
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9

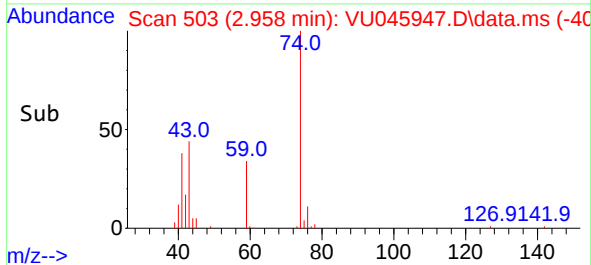
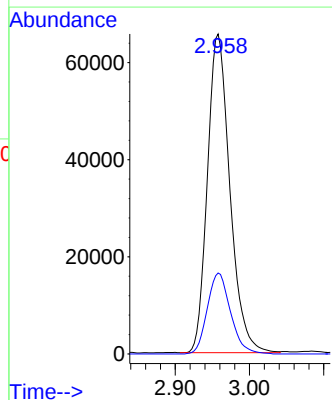
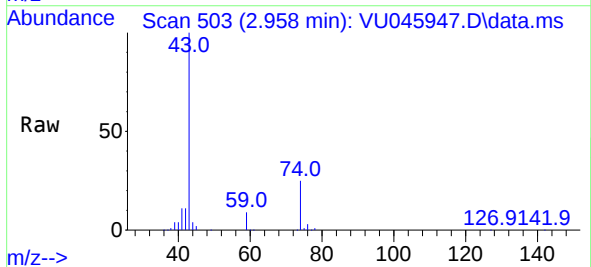
Manual Integrations
APPROVED

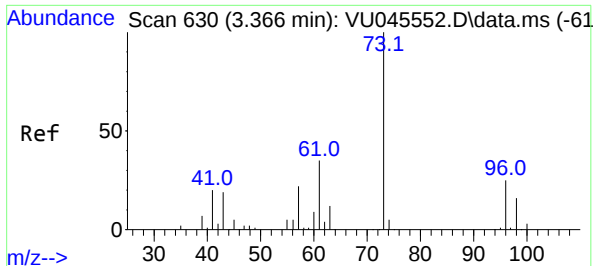
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021



#18
Methyl Acetate
Concen: 53.474 ug/l
RT: 2.958 min Scan# 503
Delta R.T. 0.010 min
Lab File: VU045947.D
Acq: 23 Nov 2021 05:07

Tgt Ion: 43 Resp: 138109
Ion Ratio Lower Upper
43 100
74 26.2 20.2 30.2





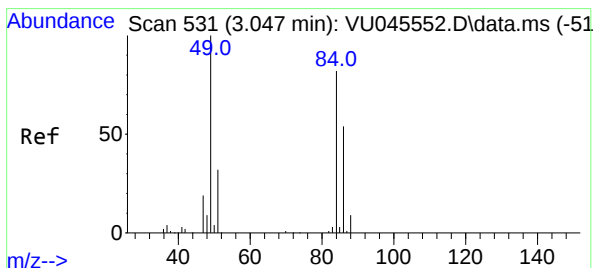
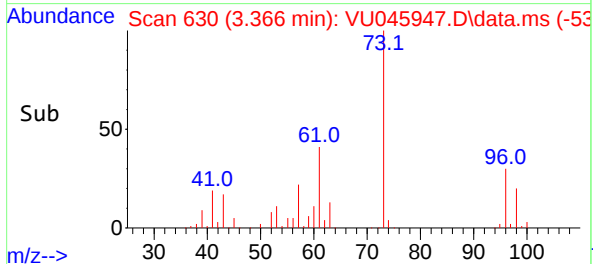
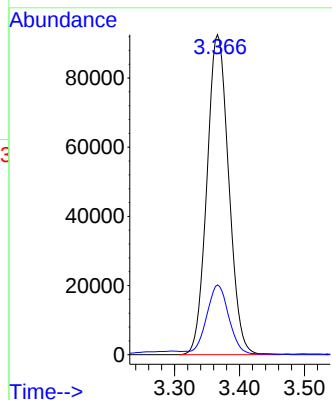
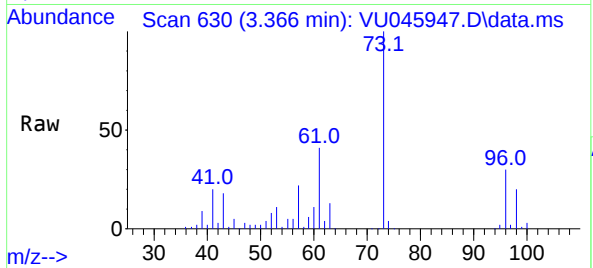
#19
Methyl tert-butyl Ether
Concen: 54.850 ug/l
RT: 3.366 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU045947.D
Acq: 23 Nov 2021 05:07

Instrument :
MSVOA_U
ClientSampleId :
VSTDC0050EC

Tgt Ion: 73 Resp: 216058
Ion Ratio Lower Upper
73 100
57 21.7 18.1 27.1

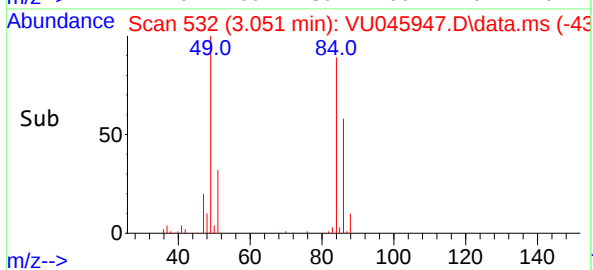
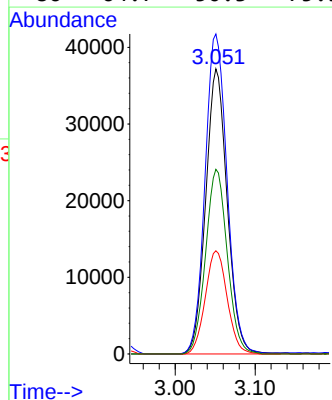
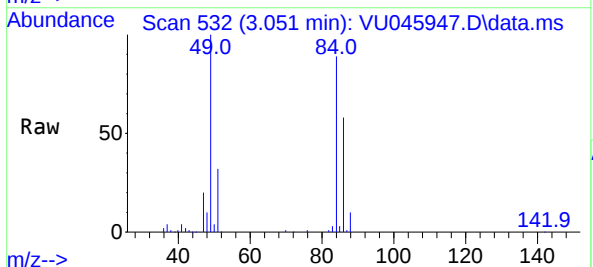
Manual Integrations
APPROVED

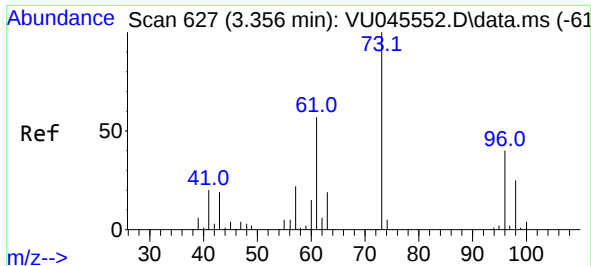
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021



#20
Methylene Chloride
Concen: 52.922 ug/l
RT: 3.051 min Scan# 532
Delta R.T. 0.003 min
Lab File: VU045947.D
Acq: 23 Nov 2021 05:07

Tgt Ion: 84 Resp: 69729
Ion Ratio Lower Upper
84 100
49 112.2 96.4 144.6
51 36.2 30.5 45.7
86 64.7 50.3 75.5





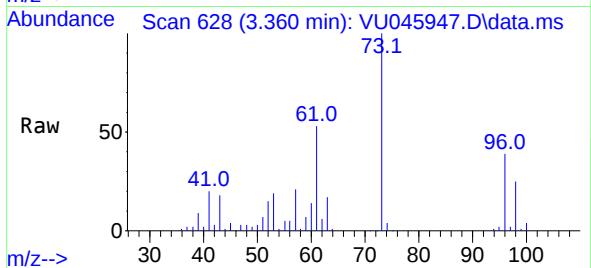
#21
trans-1,2-Dichloroethene
Concen: 57.399 ug/l
RT: 3.360 min Scan# 61
Delta R.T. 0.004 min
Lab File: VU045947.D
Acq: 23 Nov 2021 05:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

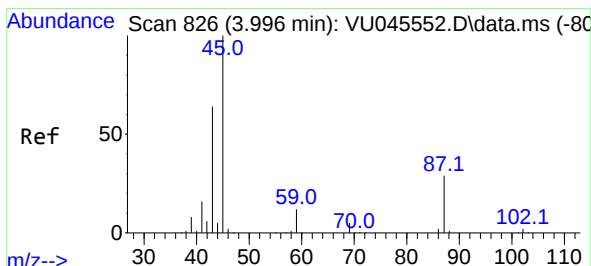
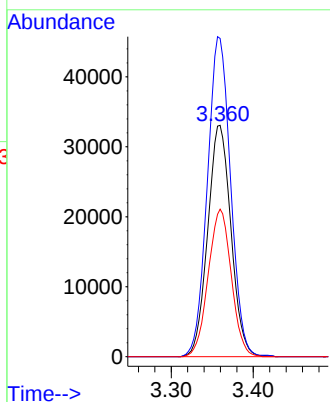
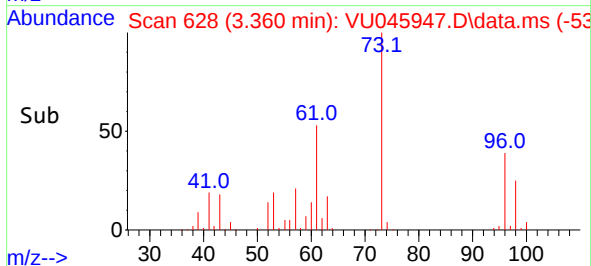


Tgt Ion: 96 Resp: 65340
Ion Ratio Lower Upper
96 100
61 137.5 118.2 177.4
98 63.8 52.1 78.1

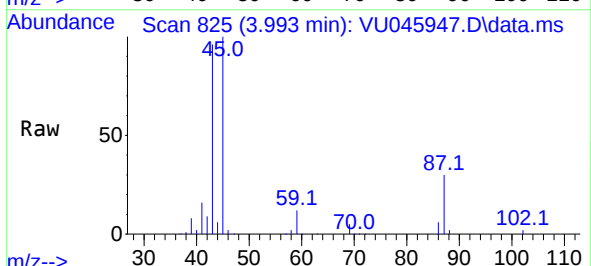
Manual Integrations

APPROVED

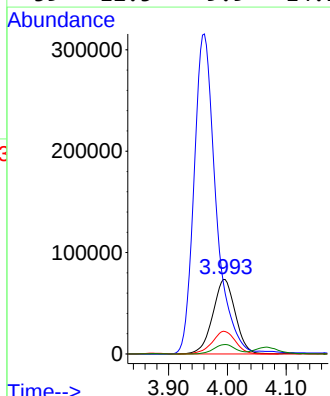
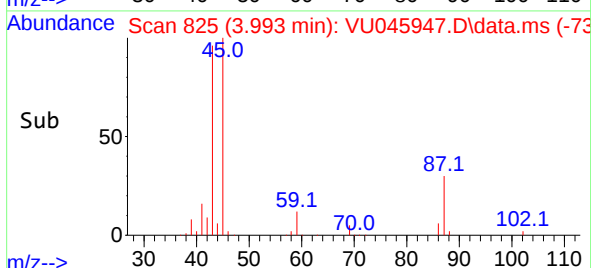
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021

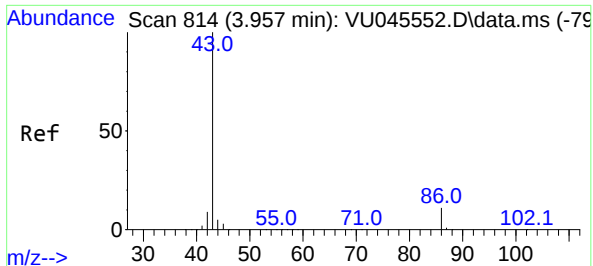


#22
Diisopropyl ether
Concen: 51.091 ug/l
RT: 3.993 min Scan# 825
Delta R.T. -0.003 min
Lab File: VU045947.D
Acq: 23 Nov 2021 05:07



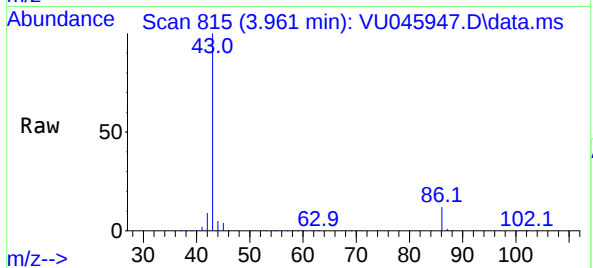
Tgt Ion: 45 Resp: 196015
Ion Ratio Lower Upper
45 100
43 93.0 60.0 90.0#
87 30.4 22.3 33.5
59 12.5 9.9 14.9





#23
 Vinyl Acetate
 Concen: 275.950 ug/l
 RT: 3.961 min Scan# 814
 Delta R.T. 0.003 min
 Lab File: VU045947.D
 Acq: 23 Nov 2021 05:07

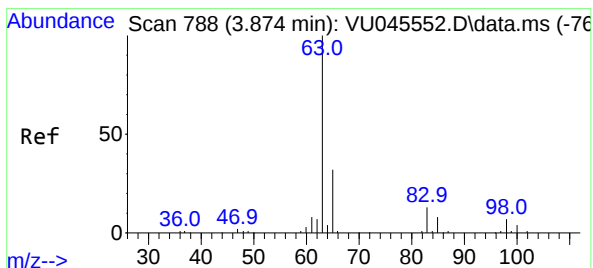
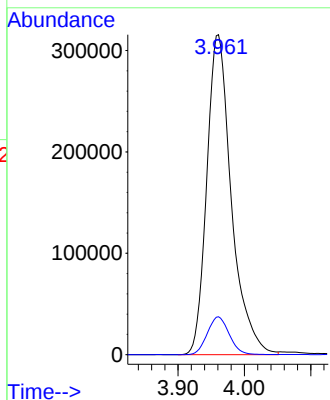
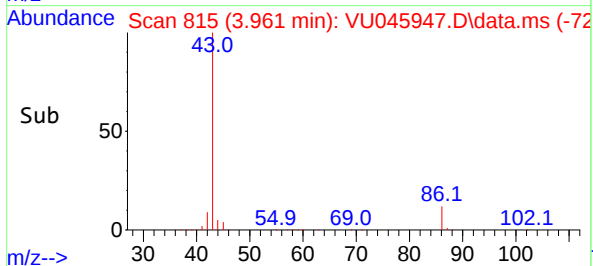
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC



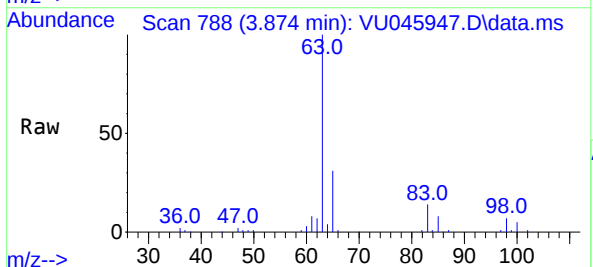
Tgt Ion: 43 Resp: 814272
 Ion Ratio Lower Upper
 43 100
 86 11.9 8.9 13.3

Manual Integrations
 APPROVED

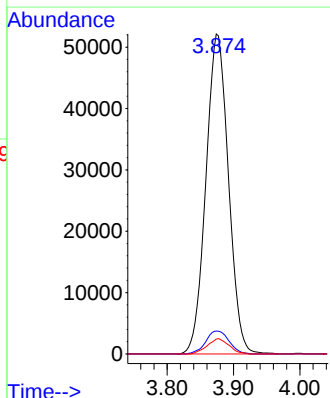
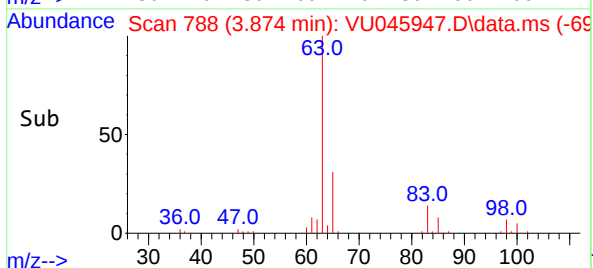
Reviewed By :John Carlone 11/23/2021
 Supervised By :Mahesh Dadoda 11/23/2021

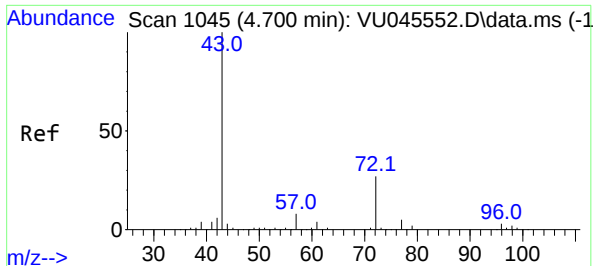


#24
 1,1-Dichloroethane
 Concen: 53.858 ug/l
 RT: 3.874 min Scan# 788
 Delta R.T. 0.000 min
 Lab File: VU045947.D
 Acq: 23 Nov 2021 05:07



Tgt Ion: 63 Resp: 123134
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.5 10.6
 100 4.6 2.4 7.2





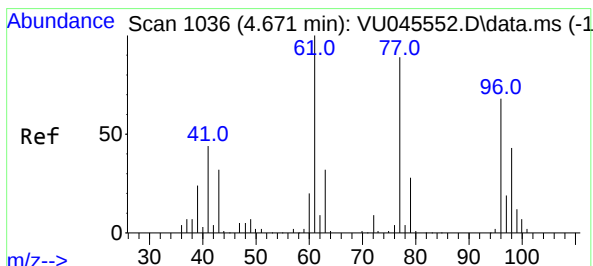
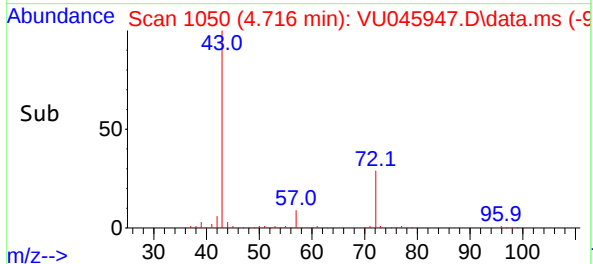
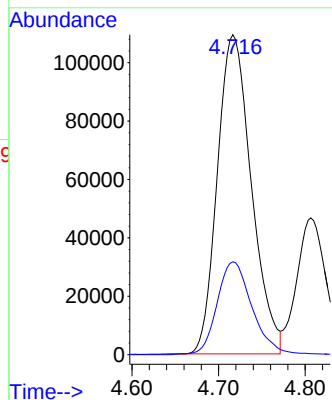
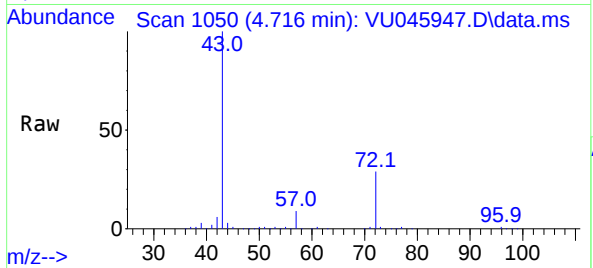
#25
2-Butanone
Concen: 283.605 ug/l
RT: 4.716 min Scan# 1050
Delta R.T. 0.016 min
Lab File: VU045947.D
Acq: 23 Nov 2021 05:07

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 298272
Ion Ratio Lower Upper
43 100
72 28.8 22.0 33.0

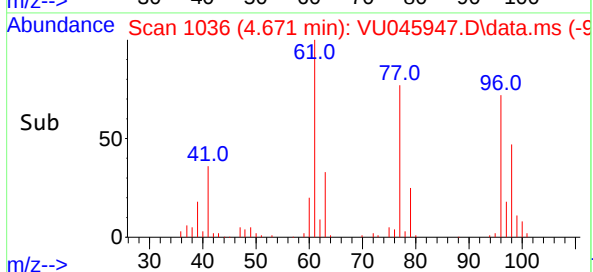
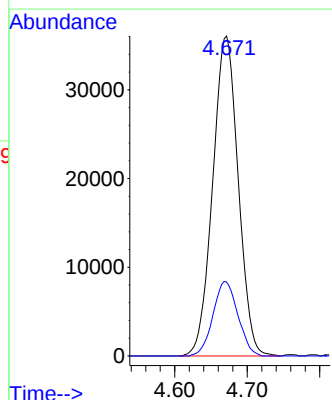
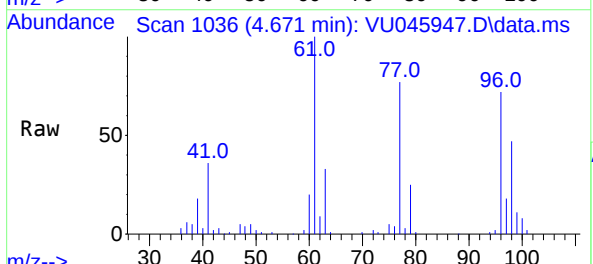
Manual Integrations
APPROVED

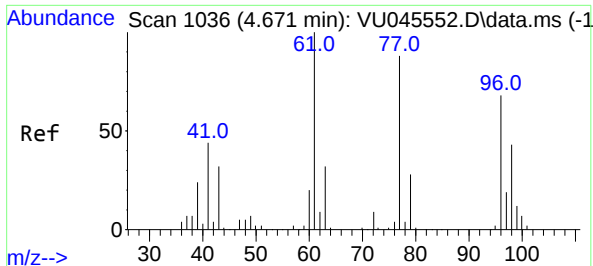
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021



#26
2,2-Dichloropropane
Concen: 46.516 ug/l
RT: 4.671 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VU045947.D
Acq: 23 Nov 2021 05:07

Tgt Ion: 77 Resp: 88126
Ion Ratio Lower Upper
77 100
97 22.7 11.4 34.1





#27
cis-1,2-Dichloroethene
Concen: 55.267 ug/l
RT: 4.671 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VU045947.D
Acq: 23 Nov 2021 05:07

Instrument :

MSVOA_U

ClientSampleId :

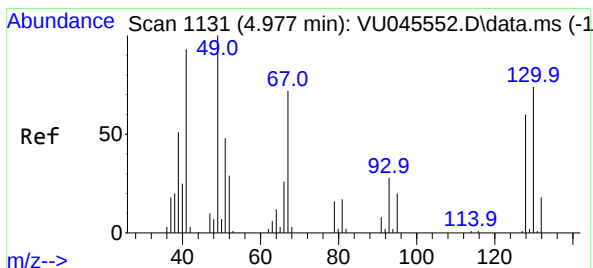
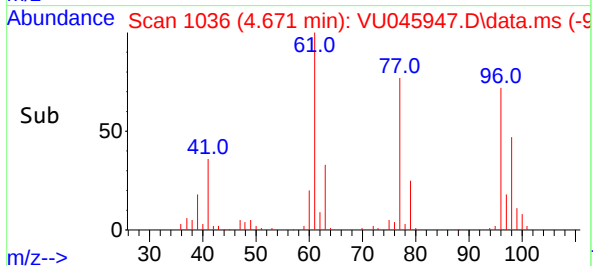
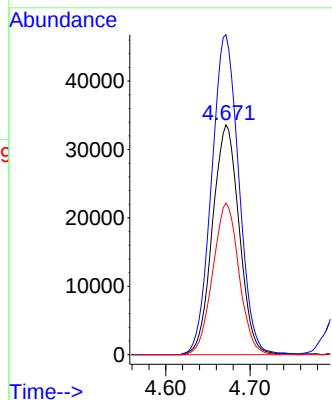
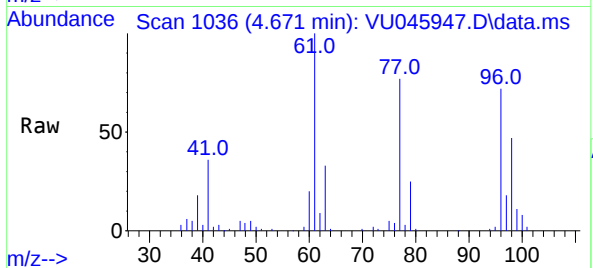
VSTDCCC050EC

Tgt Ion: 96 Resp: 73900
Ion Ratio Lower Upper
96 100
61 142.4 0.0 299.2
98 64.9 0.0 127.6

Manual Integrations

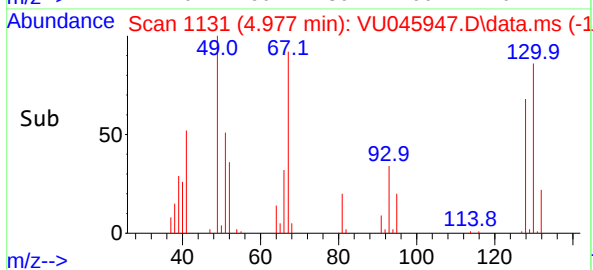
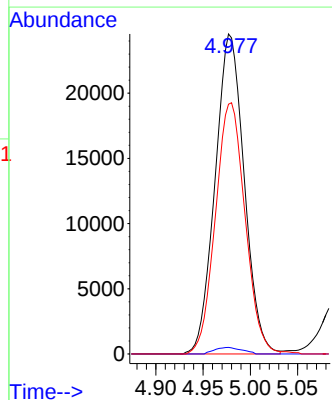
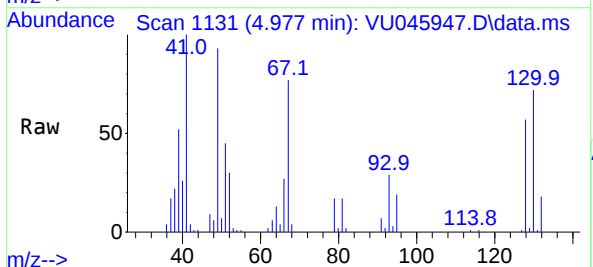
APPROVED

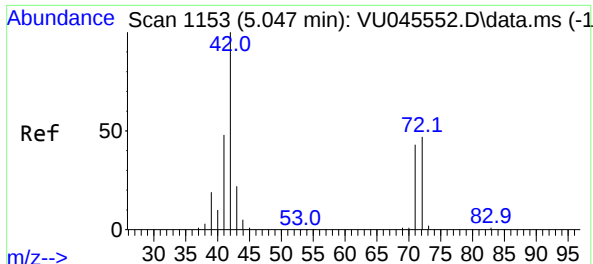
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021



#28
Bromochloromethane
Concen: 48.198 ug/l
RT: 4.977 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VU045947.D
Acq: 23 Nov 2021 05:07

Tgt Ion: 49 Resp: 52534
Ion Ratio Lower Upper
49 100
129 1.9 0.0 3.4
130 80.2 57.5 86.3





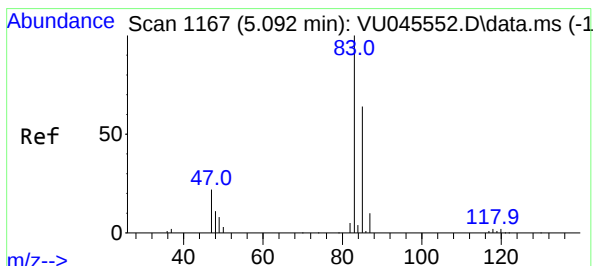
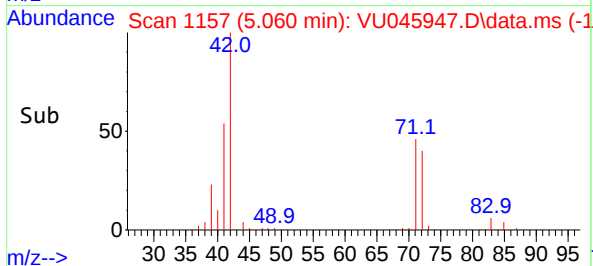
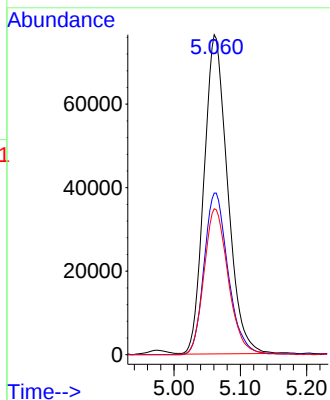
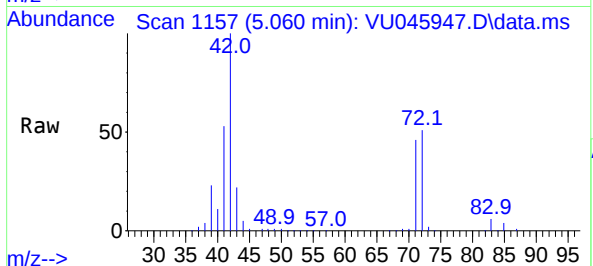
#29
Tetrahydrofuran
Concen: 293.334 ug/l
RT: 5.060 min Scan# 1153
Delta R.T. 0.013 min
Lab File: VU045947.D
Acq: 23 Nov 2021 05:07

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 18870
Ion Ratio Lower Upper
42 100
72 51.8 38.2 57.4
71 47.1 35.4 53.2

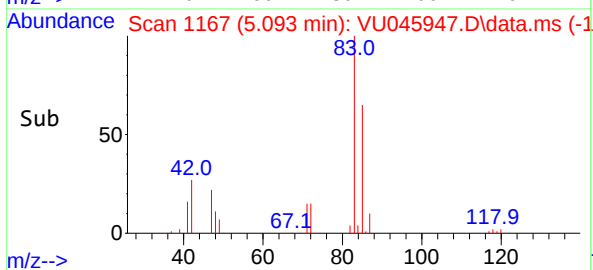
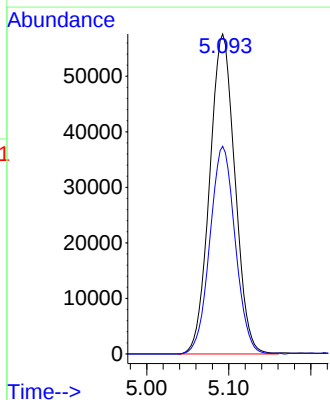
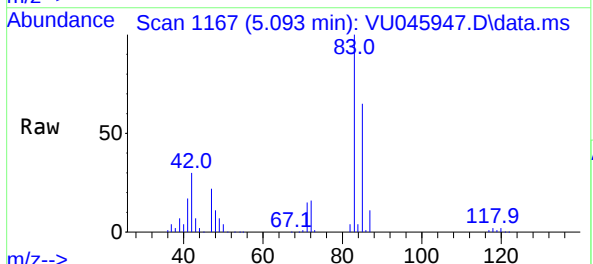
Manual Integrations
APPROVED

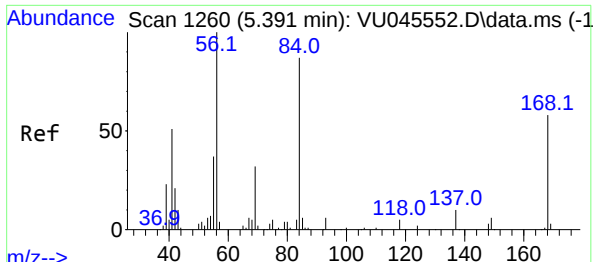
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021



#30
Chloroform
Concen: 54.627 ug/l
RT: 5.093 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VU045947.D
Acq: 23 Nov 2021 05:07

Tgt Ion: 83 Resp: 123517
Ion Ratio Lower Upper
83 100
85 64.9 52.0 78.0





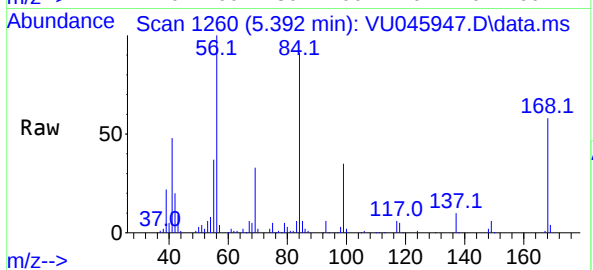
#31
Cyclohexane
Concen: 48.607 ug/l
RT: 5.392 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VU045947.D
Acq: 23 Nov 2021 05:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

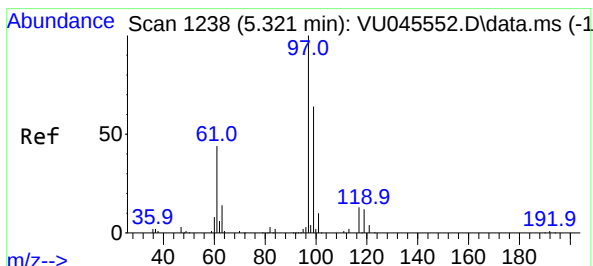
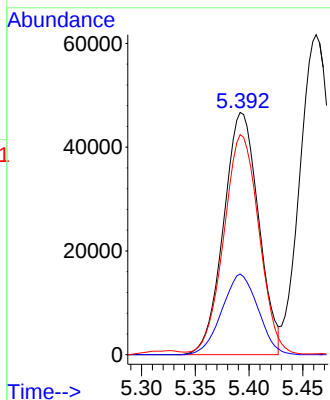
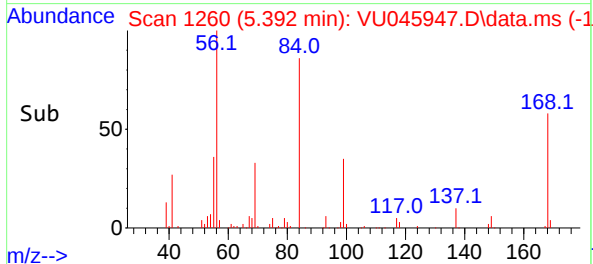


Tgt Ion: 56 Resp: 10564
Ion Ratio Lower Upper
56 100
69 33.3 26.4 39.6
84 89.6 68.4 102.6

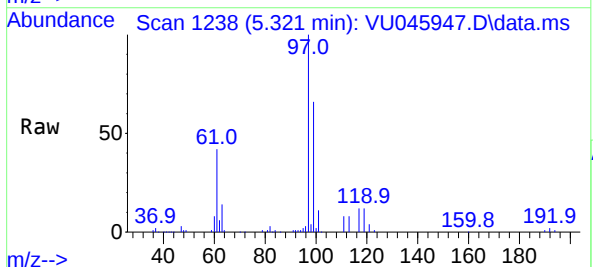
Manual Integrations

APPROVED

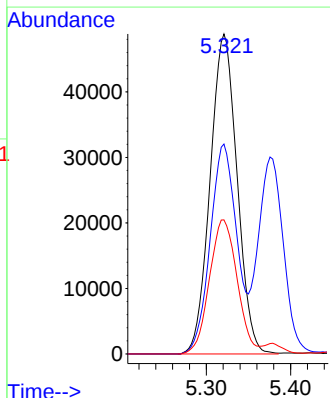
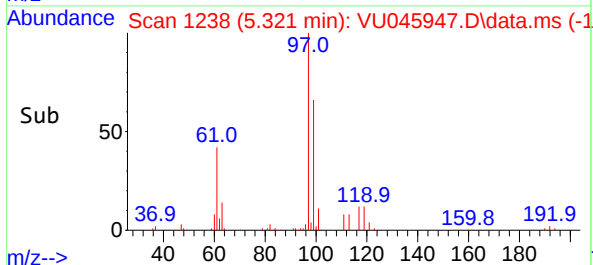
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021

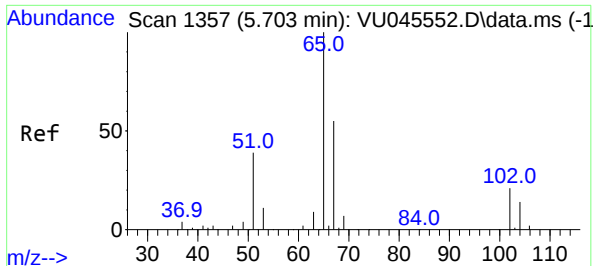


#32
1,1,1-Trichloroethane
Concen: 56.190 ug/l
RT: 5.321 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VU045947.D
Acq: 23 Nov 2021 05:07



Tgt Ion: 97 Resp: 108347
Ion Ratio Lower Upper
97 100
99 65.3 50.8 76.2
61 43.2 38.3 57.5





#33

1,2-Dichloroethane-d4

Concen: 48.694 ug/l

RT: 5.704 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU045947.D

Acq: 23 Nov 2021 05:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 72530

Ion Ratio Lower Upper

65 100

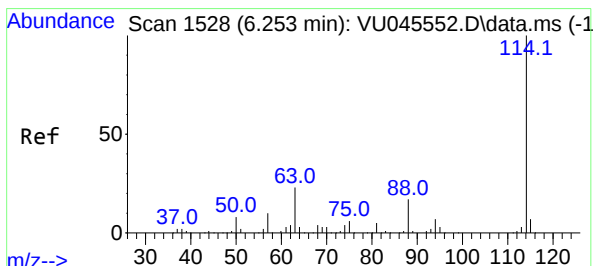
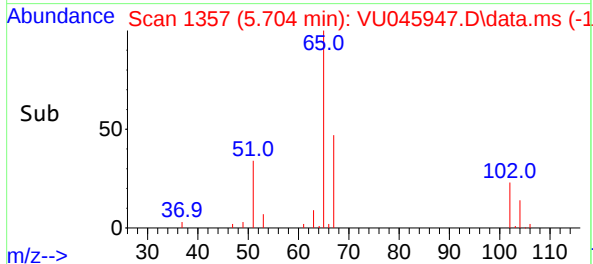
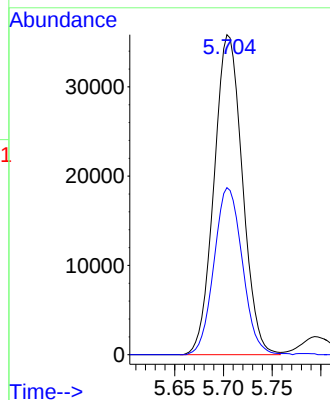
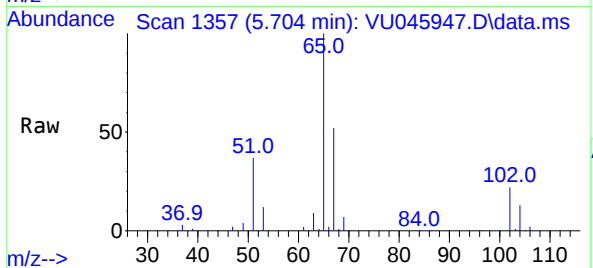
67 52.2 0.0 105.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/23/2021

Supervised By :Mahesh Dadoda 11/23/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 1527

Delta R.T. -0.003 min

Lab File: VU045947.D

Acq: 23 Nov 2021 05:07

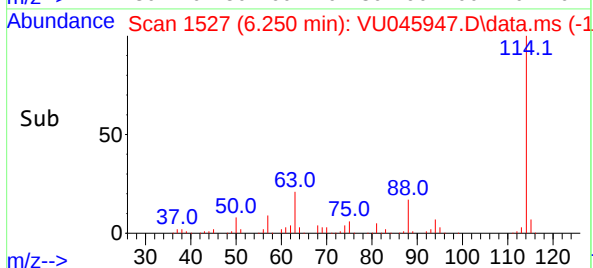
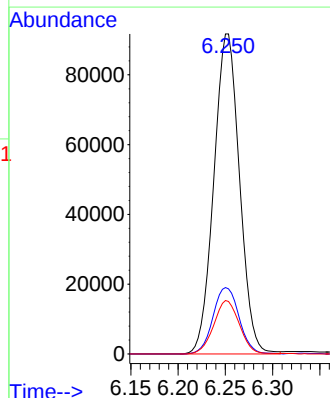
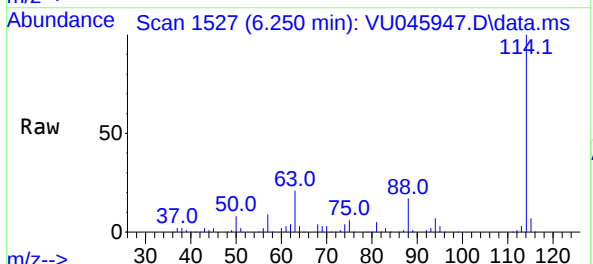
Tgt Ion:114 Resp: 173381

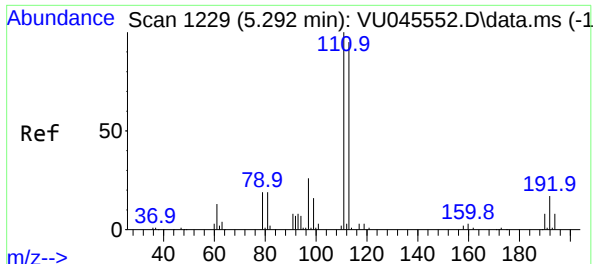
Ion Ratio Lower Upper

114 100

63 20.8 0.0 45.6

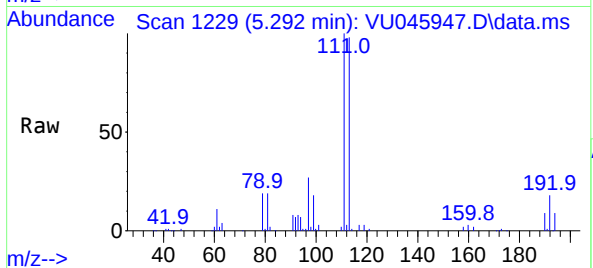
88 16.7 0.0 33.8





#35
Dibromofluoromethane
Concen: 49.785 ug/l
RT: 5.292 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VU045947.D
Acq: 23 Nov 2021 05:07

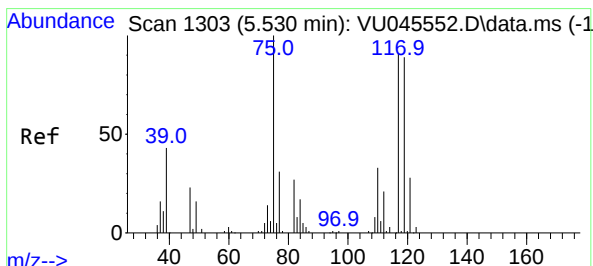
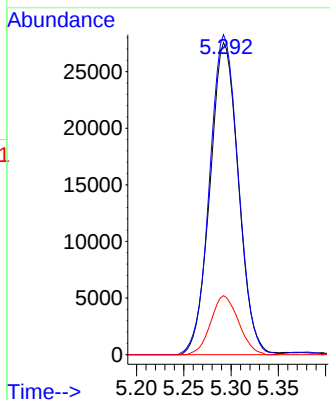
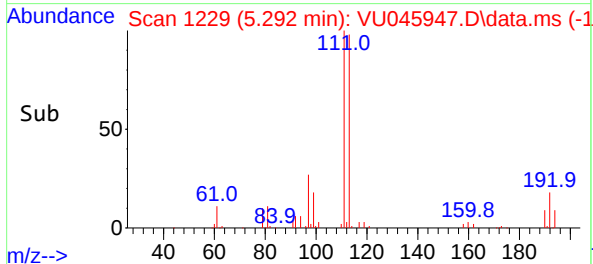
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



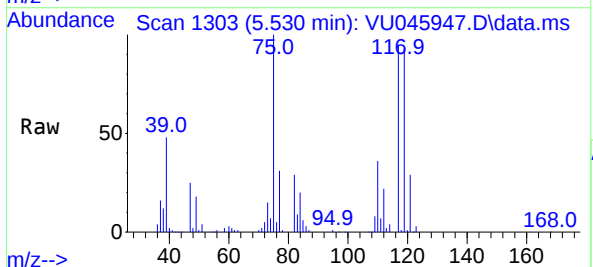
Tgt Ion: 113 Resp: 57630
Ion Ratio Lower Upper
113 100
111 103.4 82.8 124.2
192 18.4 14.8 22.2

Manual Integrations
APPROVED

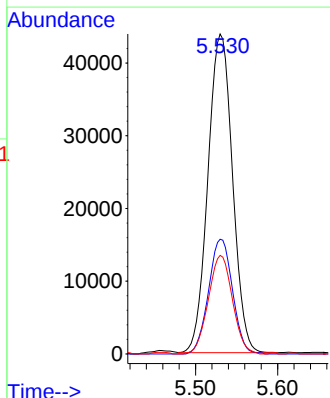
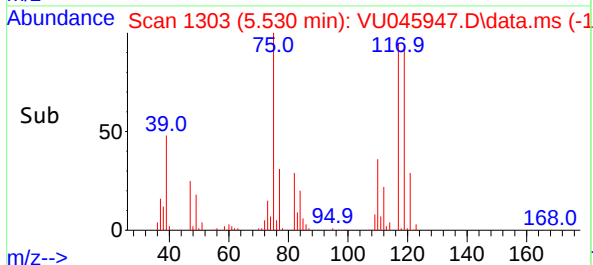
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021

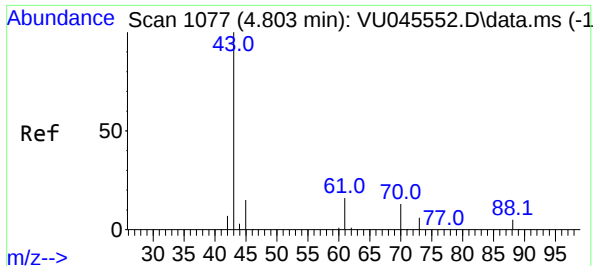


#36
1,1-Dichloropropene
Concen: 53.969 ug/l
RT: 5.530 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VU045947.D
Acq: 23 Nov 2021 05:07



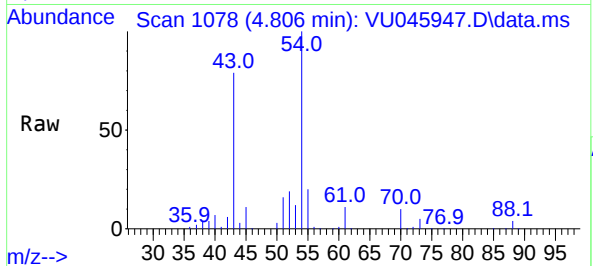
Tgt Ion: 75 Resp: 91240
Ion Ratio Lower Upper
75 100
110 35.1 16.7 50.0
77 30.4 25.0 37.4





#37
Ethyl Acetate
Concen: 56.613 ug/l
RT: 4.806 min Scan# 10994
Delta R.T. 0.003 min
Lab File: VU045947.D
Acq: 23 Nov 2021 05:07

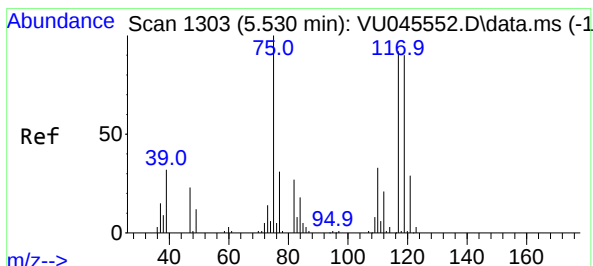
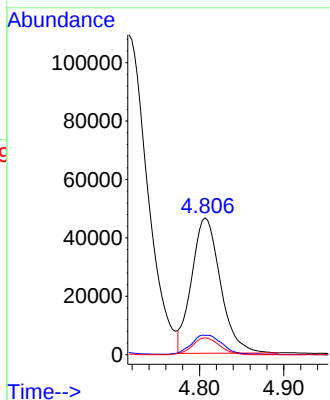
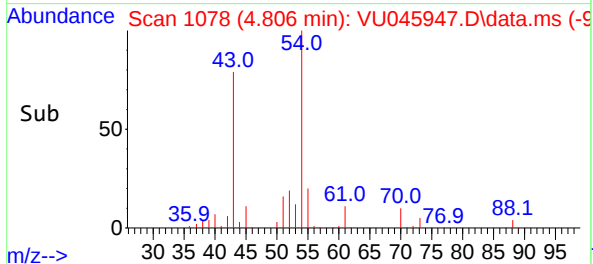
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 10994
Ion Ratio Lower Upper
43 100
61 15.1 11.6 17.4
70 11.8 9.1 13.7

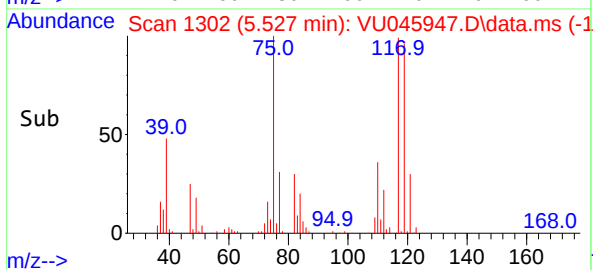
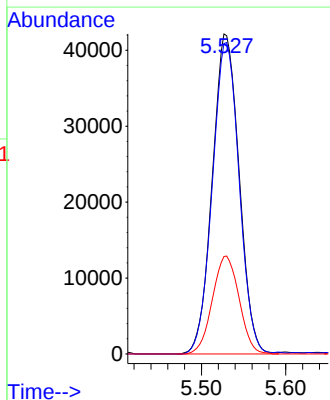
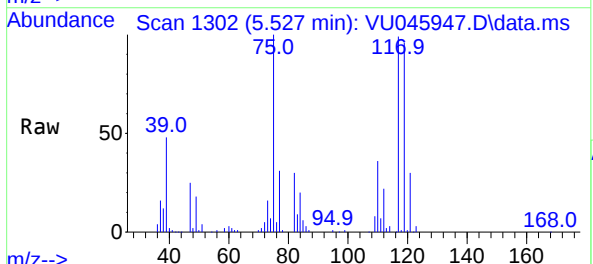
Manual Integrations
APPROVED

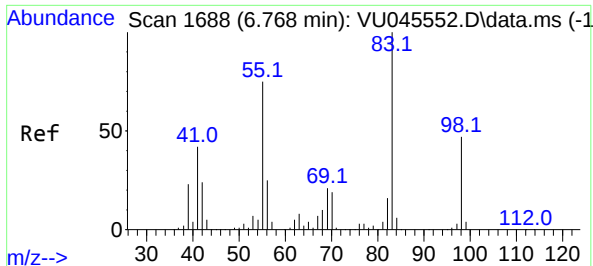
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021



#38
Carbon Tetrachloride
Concen: 54.584 ug/l
RT: 5.527 min Scan# 1302
Delta R.T. -0.003 min
Lab File: VU045947.D
Acq: 23 Nov 2021 05:07

Tgt Ion:117 Resp: 93033
Ion Ratio Lower Upper
117 100
119 97.0 77.4 116.0
121 30.5 24.8 37.2





#39

Methylcyclohexane

Concen: 51.122 ug/l

RT: 6.765 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU045947.D

Acq: 23 Nov 2021 05:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

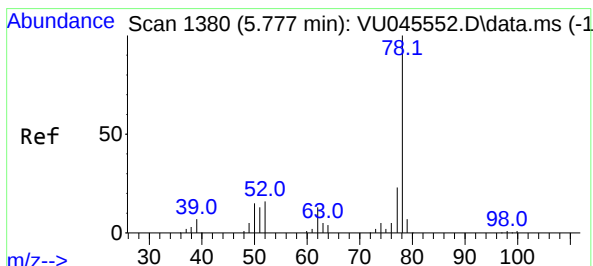
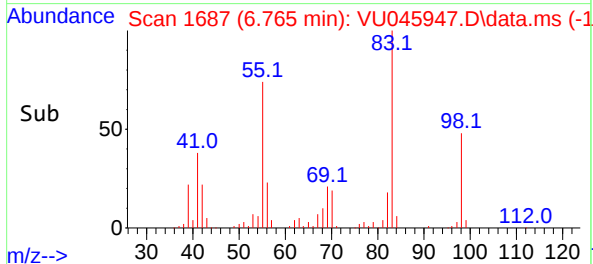
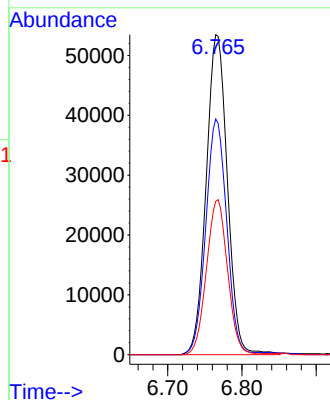
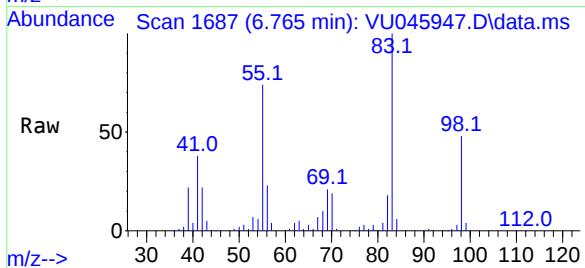
Tgt Ion: 83 Resp: 106029
 Ion Ratio Lower Upper
 83 100
 55 73.6 63.6 95.4
 98 48.0 37.1 55.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/23/2021

Supervised By :Mahesh Dadoda 11/23/2021



#40

Benzene

Concen: 53.118 ug/l

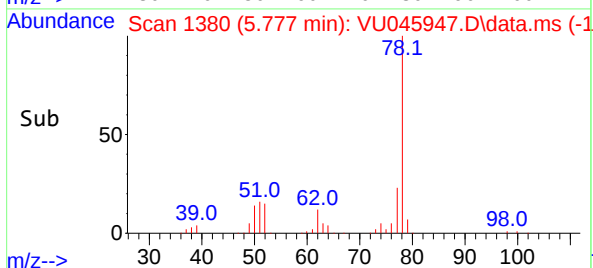
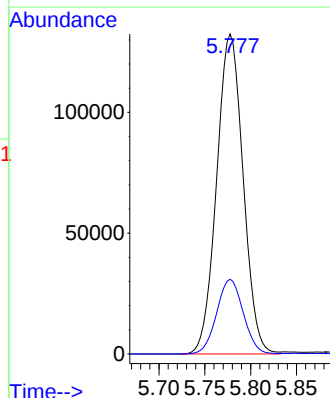
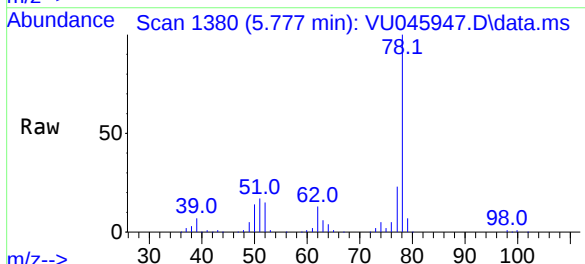
RT: 5.777 min Scan# 1380

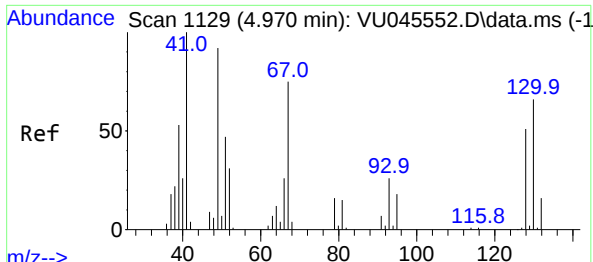
Delta R.T. 0.000 min

Lab File: VU045947.D

Acq: 23 Nov 2021 05:07

Tgt Ion: 78 Resp: 265870
 Ion Ratio Lower Upper
 78 100
 77 23.4 19.0 28.4





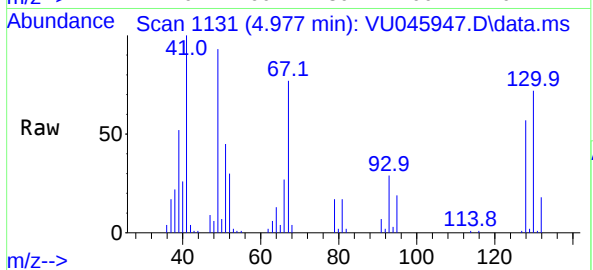
#41
Methacrylonitrile
Concen: 57.690 ug/l
RT: 4.977 min Scan# 1129
Delta R.T. 0.007 min
Lab File: VU045947.D
Acq: 23 Nov 2021 05:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

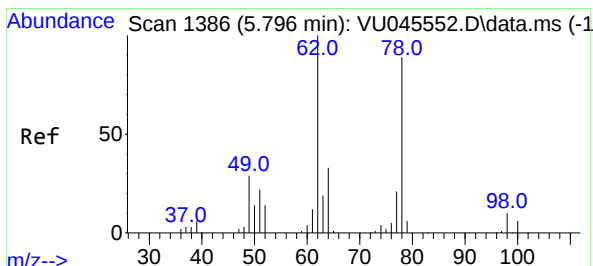
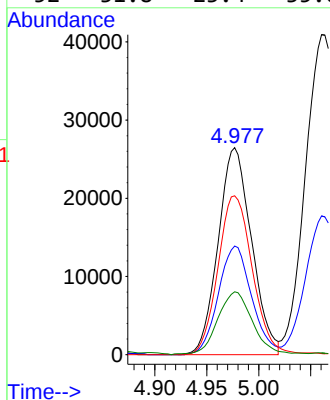
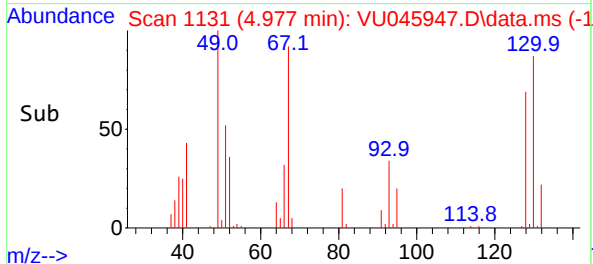


Tgt Ion: 41 Resp: 59200
Ion Ratio Lower Upper
41 100
39 52.4 43.4 65.0
67 79.4 61.0 91.4
52 31.8 23.4 35.0

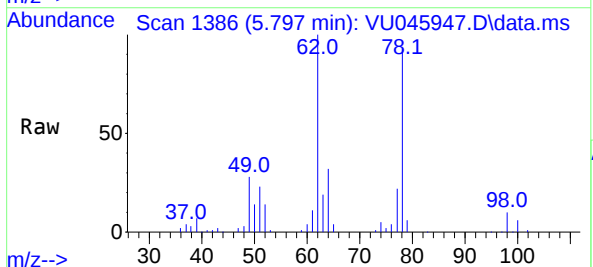
Manual Integrations

APPROVED

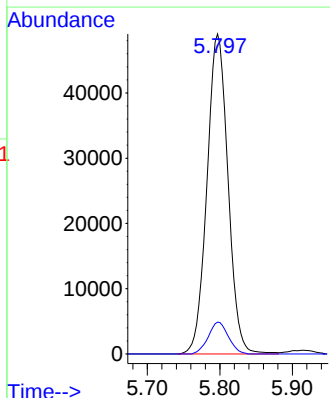
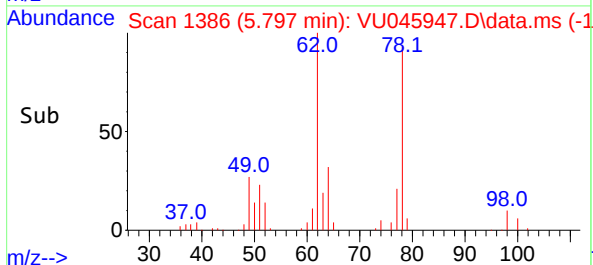
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021

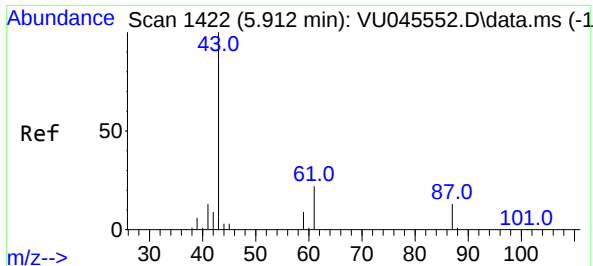


#42
1,2-Dichloroethane
Concen: 54.595 ug/l
RT: 5.797 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VU045947.D
Acq: 23 Nov 2021 05:07



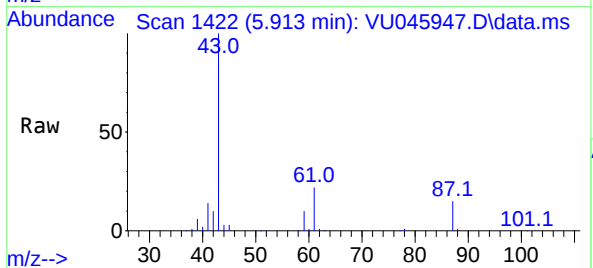
Tgt Ion: 62 Resp: 98705
Ion Ratio Lower Upper
62 100
98 9.5 0.0 18.4





#43
Isopropyl Acetate
Concen: 53.761 ug/l
RT: 5.913 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VU045947.D
Acq: 23 Nov 2021 05:07

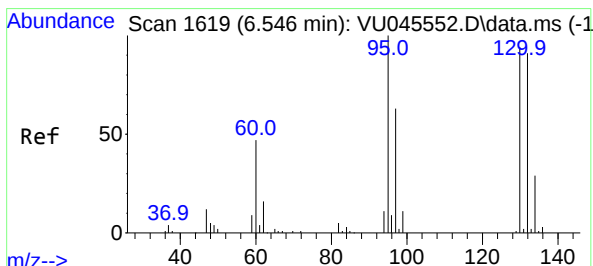
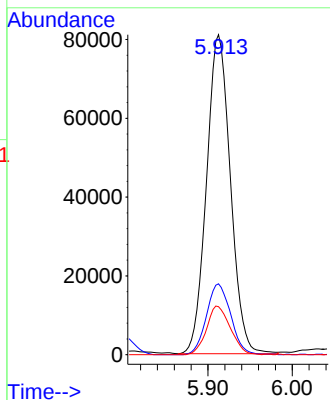
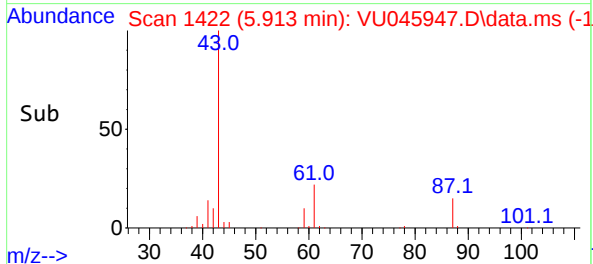
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



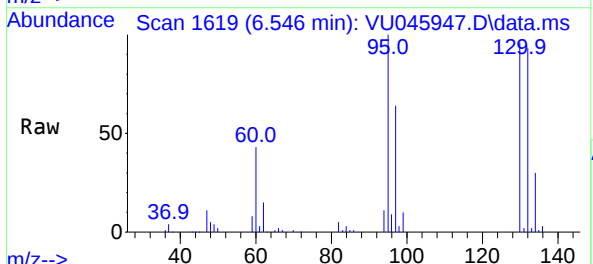
Tgt Ion: 43 Resp: 159690
Ion Ratio Lower Upper
43 100
61 22.6 16.9 25.3
87 15.2 11.0 16.4

Manual Integrations
APPROVED

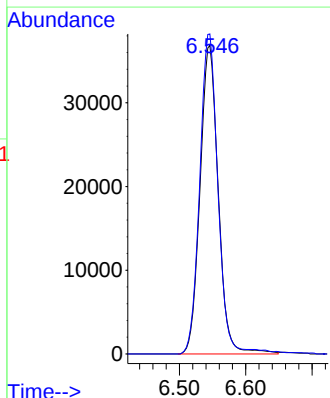
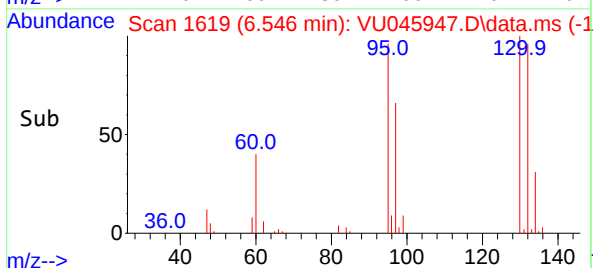
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021

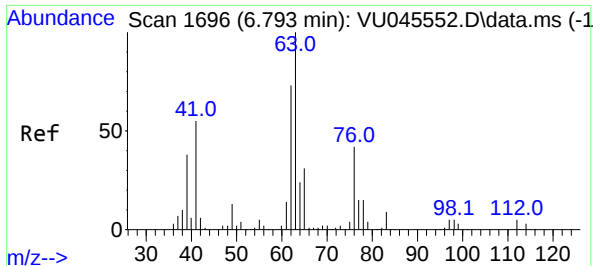


#44
Trichloroethene
Concen: 58.854 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU045947.D
Acq: 23 Nov 2021 05:07



Tgt Ion:130 Resp: 70513
Ion Ratio Lower Upper
130 100
95 103.7 0.0 211.4





#45

1,2-Dichloropropane

Concen: 52.686 ug/l

RT: 6.793 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU045947.D

Acq: 23 Nov 2021 05:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 6977

Ion Ratio Lower Upper

63 100

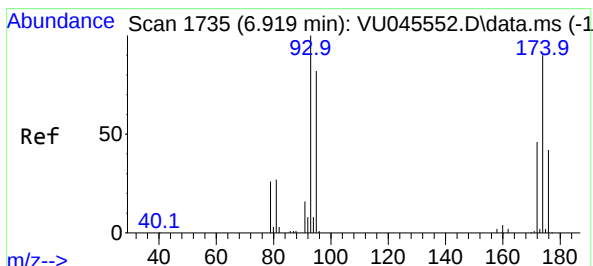
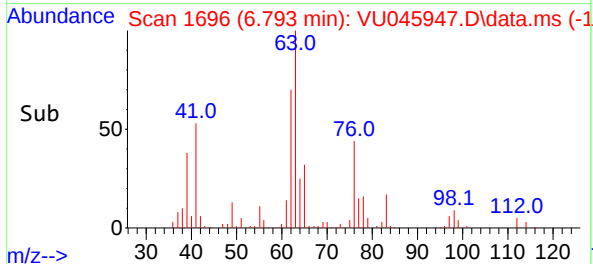
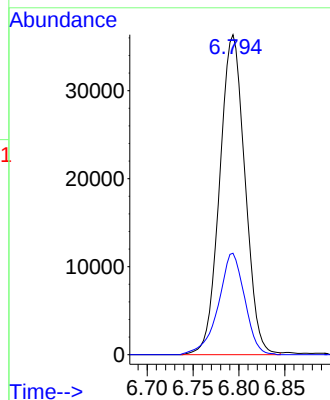
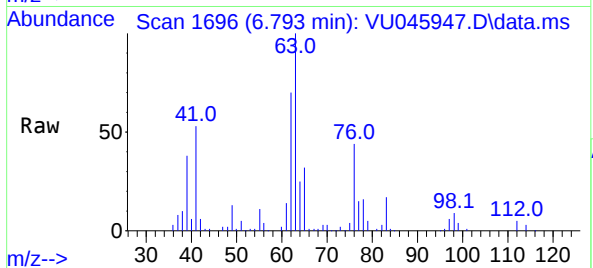
65 31.7 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/23/2021

Supervised By :Mahesh Dadoda 11/23/2021



#46

Dibromomethane

Concen: 55.031 ug/l

RT: 6.919 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VU045947.D

Acq: 23 Nov 2021 05:07

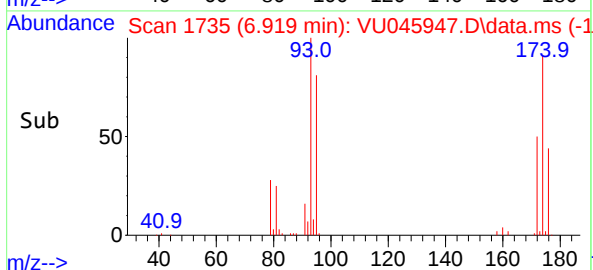
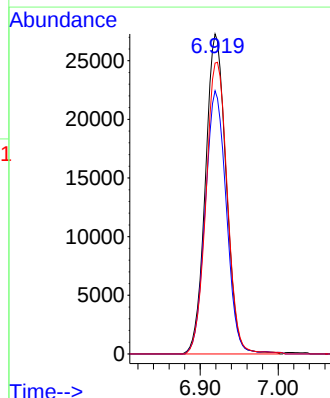
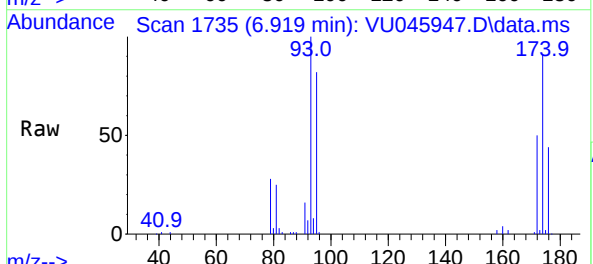
Tgt Ion: 93 Resp: 50499

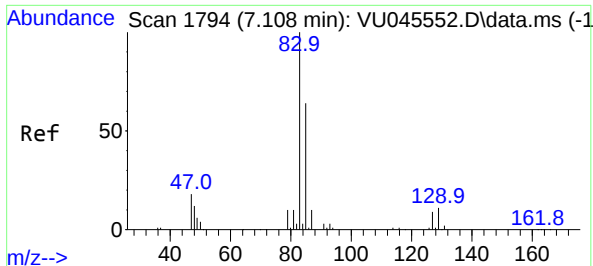
Ion Ratio Lower Upper

93 100

95 83.4 66.2 99.2

174 93.6 71.0 106.6





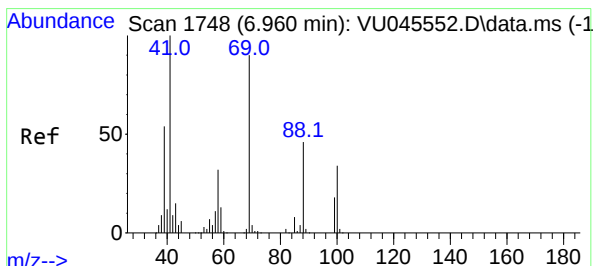
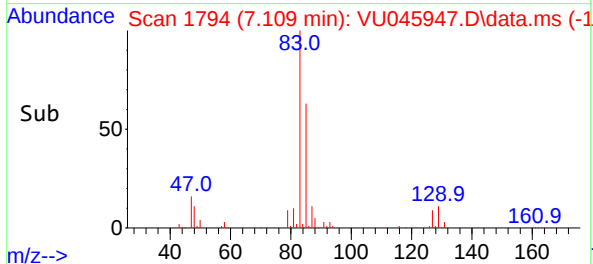
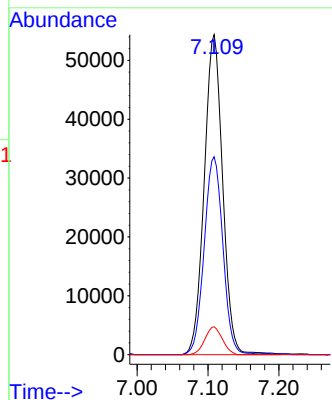
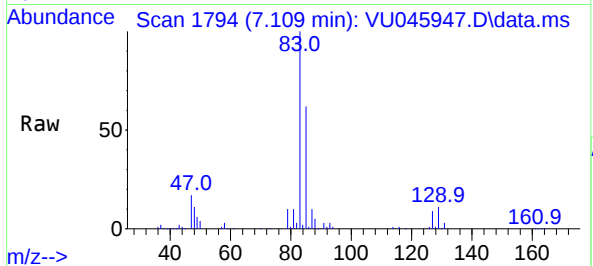
#47
Bromodichloromethane
Concen: 56.560 ug/l
RT: 7.109 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VU045947.D
Acq: 23 Nov 2021 05:07

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 9848
Ion Ratio Lower Upper
83 100
85 61.8 49.8 74.6
127 8.7 6.2 9.2

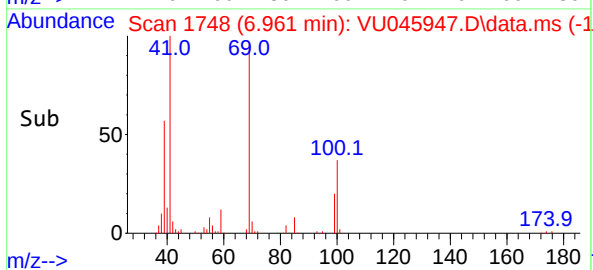
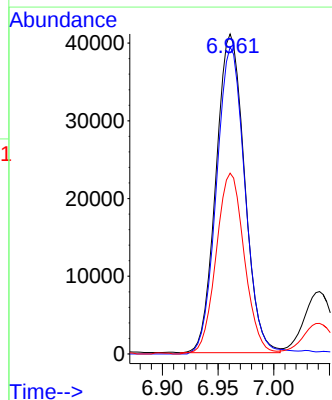
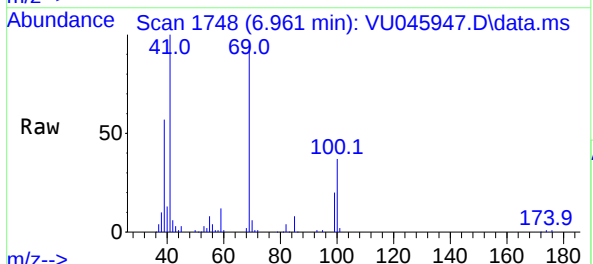
Manual Integrations
APPROVED

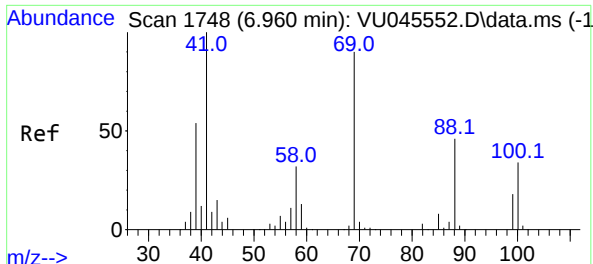
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021



#48
Methyl methacrylate
Concen: 53.419 ug/l
RT: 6.961 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VU045947.D
Acq: 23 Nov 2021 05:07

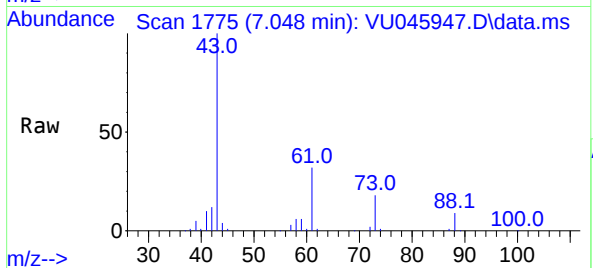
Tgt Ion: 41 Resp: 73033
Ion Ratio Lower Upper
41 100
69 96.4 70.2 105.2
39 56.2 43.9 65.9





#49
1,4-Dioxane
Concen: 921.098 ug/l
RT: 7.048 min Scan# 11
Delta R.T. 0.087 min
Lab File: VU045947.D
Acq: 23 Nov 2021 05:07

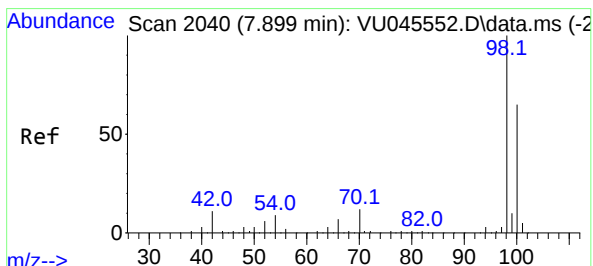
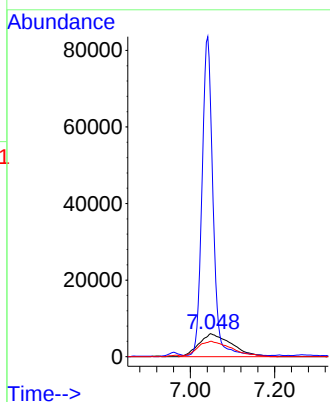
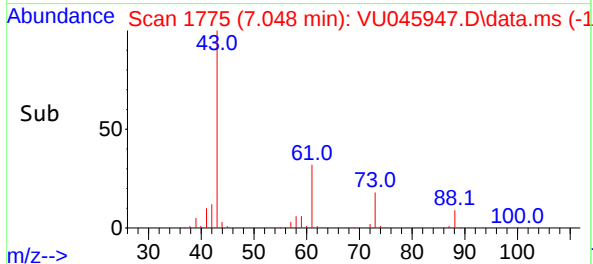
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 3238
Ion Ratio Lower Upper
88 100
43 463.1 0.0 0.0
58 69.0 58.7 88.1

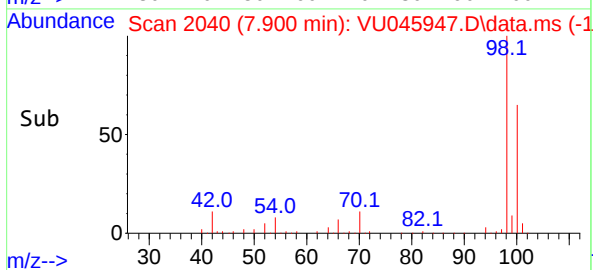
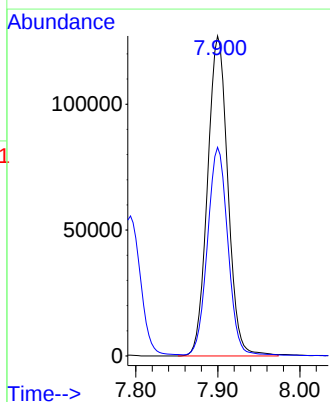
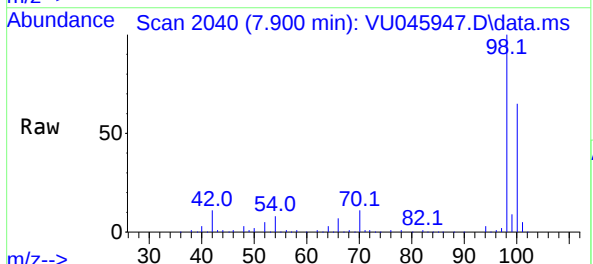
Manual Integrations
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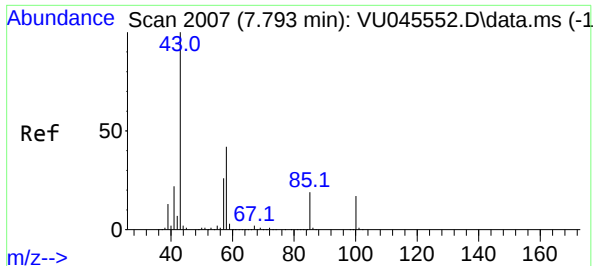
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021



#50
Toluene-d8
Concen: 50.841 ug/l
RT: 7.900 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VU045947.D
Acq: 23 Nov 2021 05:07

Tgt Ion: 98 Resp: 218842
Ion Ratio Lower Upper
98 100
100 65.1 52.5 78.7





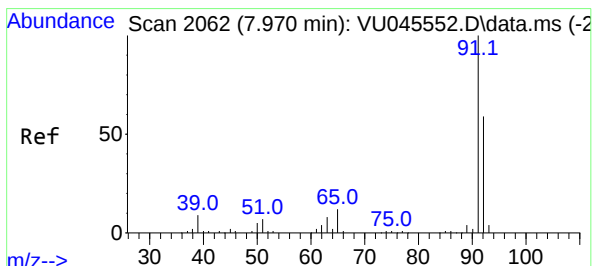
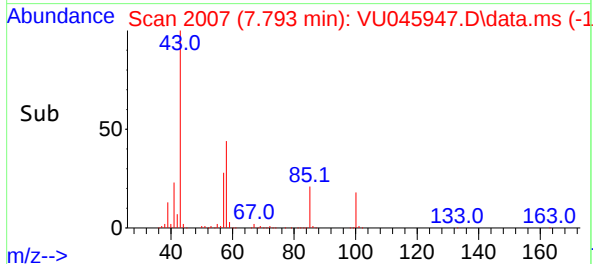
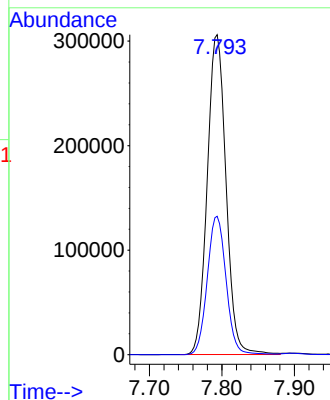
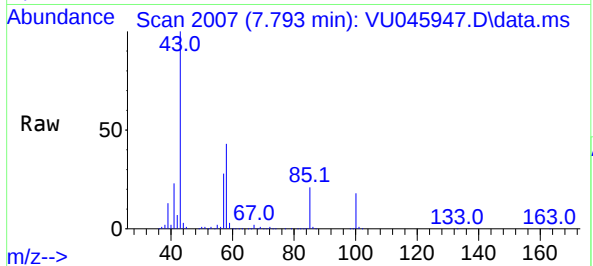
#51
4-Methyl-2-Pentanone
Concen: 281.256 ug/l
RT: 7.793 min Scan# 2007
Delta R.T. 0.000 min
Lab File: VU045947.D
Acq: 23 Nov 2021 05:07

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 55110
Ion Ratio Lower Upper
43 100
58 43.4 33.8 50.8

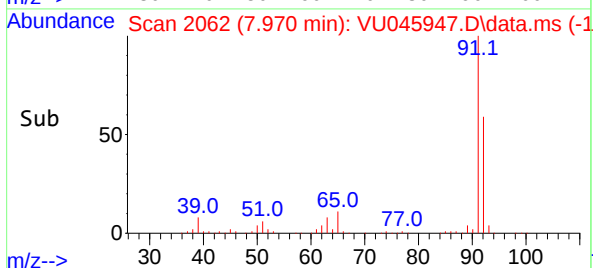
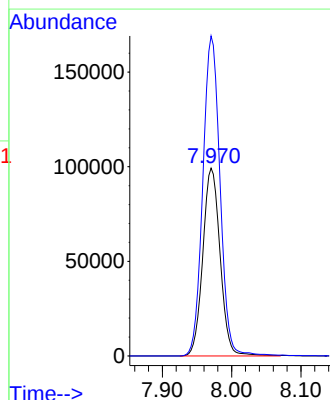
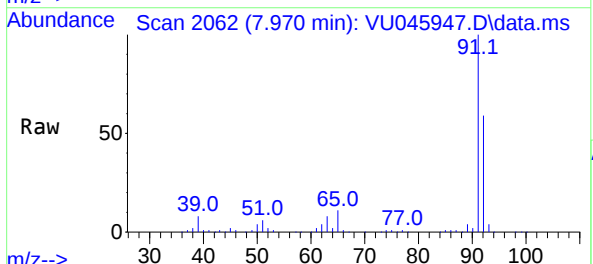
Manual Integrations
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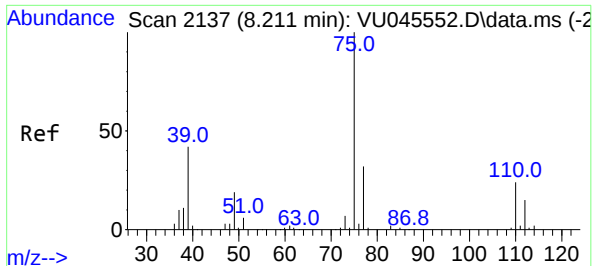
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021



#52
Toluene
Concen: 56.156 ug/l
RT: 7.970 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VU045947.D
Acq: 23 Nov 2021 05:07

Tgt Ion: 92 Resp: 172081
Ion Ratio Lower Upper
92 100
91 169.6 135.6 203.4





#53

t-1,3-Dichloropropene

Concen: 54.711 ug/l

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU045947.D

Acq: 23 Nov 2021 05:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 10948

Ion Ratio Lower Upper

75 100

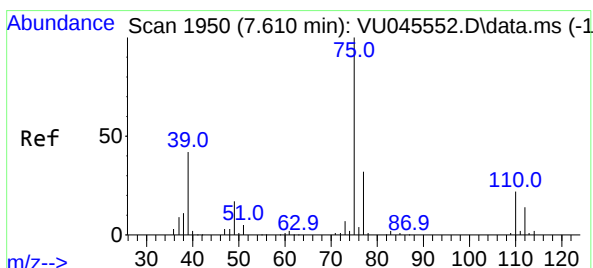
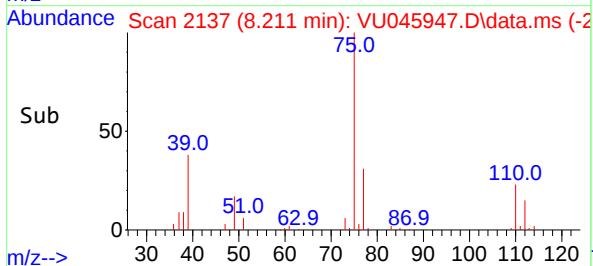
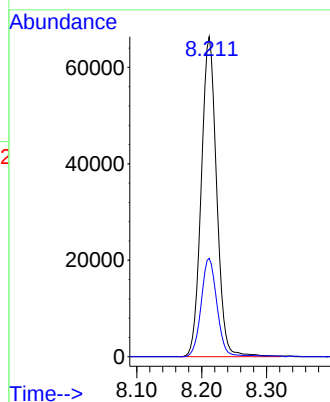
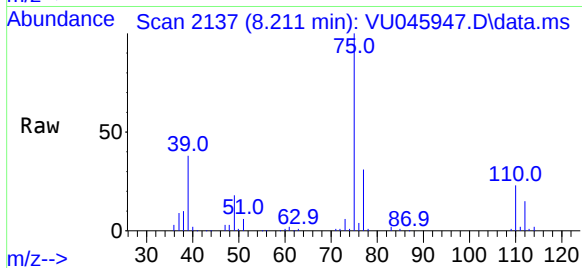
77 30.8 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/23/2021

Supervised By :Mahesh Dadoda 11/23/2021



#54

cis-1,3-Dichloropropene

Concen: 54.486 ug/l

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU045947.D

Acq: 23 Nov 2021 05:07

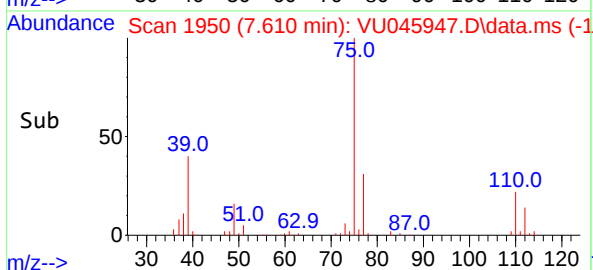
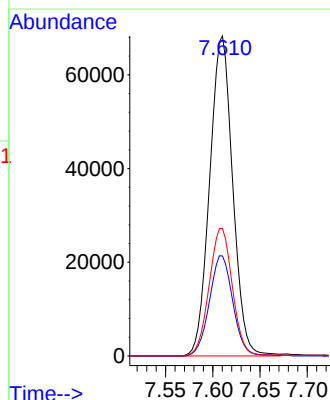
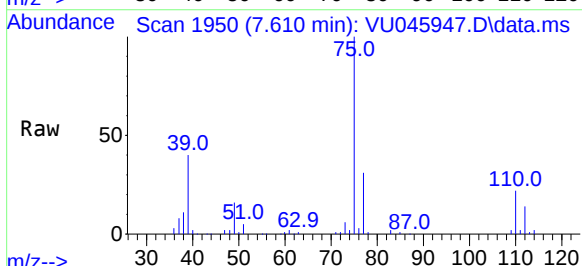
Tgt Ion: 75 Resp: 115809

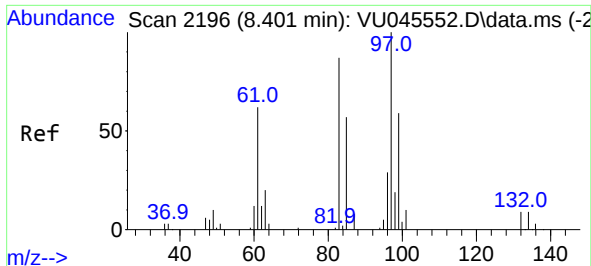
Ion Ratio Lower Upper

75 100

77 31.3 24.6 37.0

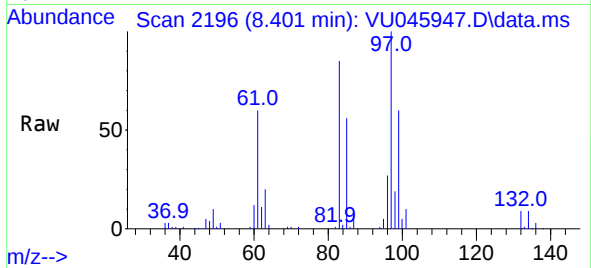
39 39.9 37.1 55.7





#55
1,1,2-Trichloroethane
Concen: 56.462 ug/l
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU045947.D
Acq: 23 Nov 2021 05:07

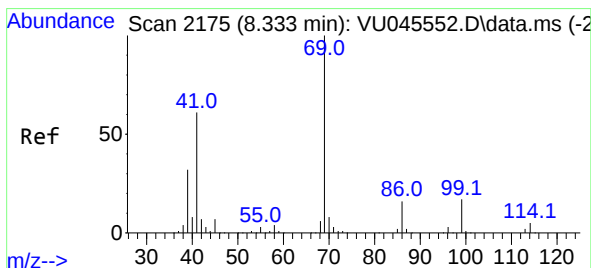
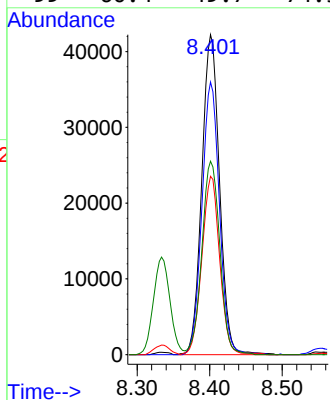
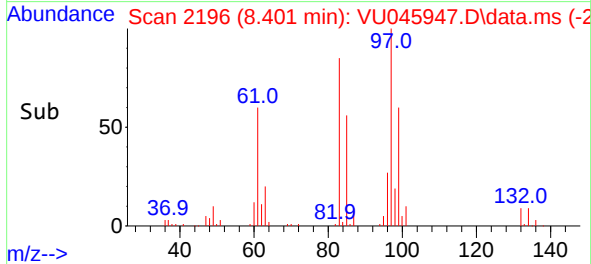
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



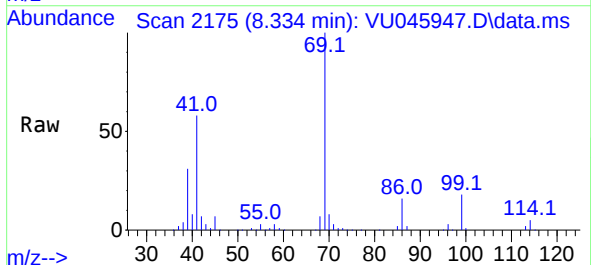
Tgt Ion: 97 Resp: 7170
Ion Ratio Lower Upper
97 100
83 85.2 70.3 105.5
85 55.7 45.5 68.3
99 60.4 49.7 74.5

Manual Integrations
APPROVED

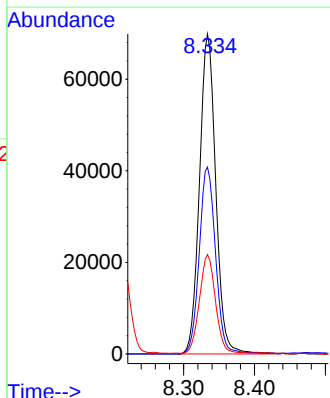
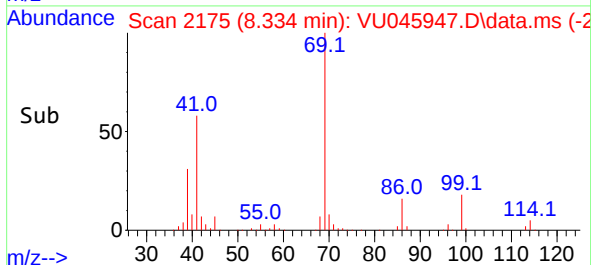
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021

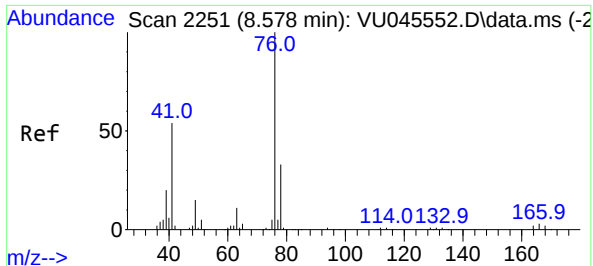


#56
Ethyl methacrylate
Concen: 48.995 ug/l
RT: 8.334 min Scan# 2175
Delta R.T. 0.001 min
Lab File: VU045947.D
Acq: 23 Nov 2021 05:07



Tgt Ion: 69 Resp: 111491
Ion Ratio Lower Upper
69 100
41 58.4 51.0 76.4
39 30.2 26.6 39.8





#57

1,3-Dichloropropane

Concen: 53.599 ug/l

RT: 8.575 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU045947.D

Acq: 23 Nov 2021 05:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 12260

Ion Ratio Lower Upper

76 100

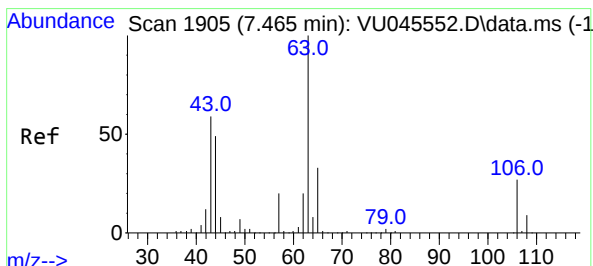
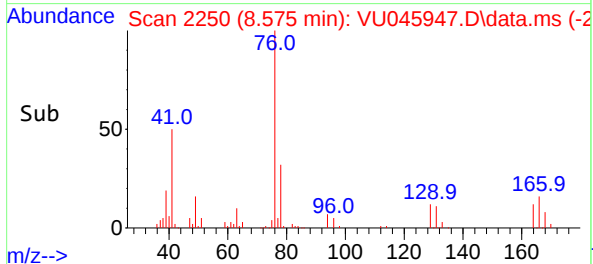
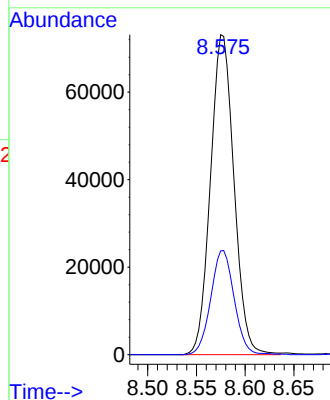
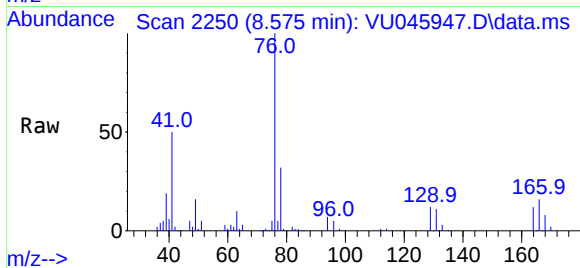
78 32.4 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/23/2021

Supervised By :Mahesh Dadoda 11/23/2021



#58

2-Chloroethyl Vinyl ether

Concen: 263.876 ug/l

RT: 7.465 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VU045947.D

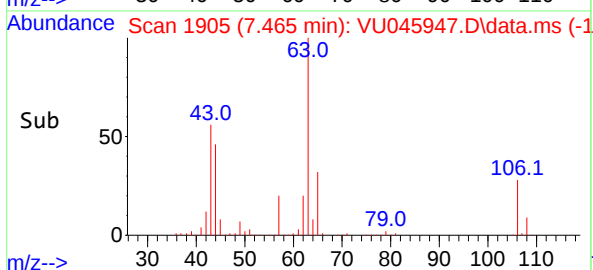
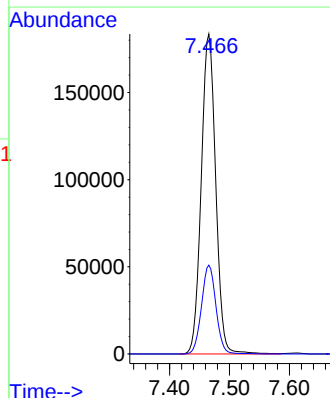
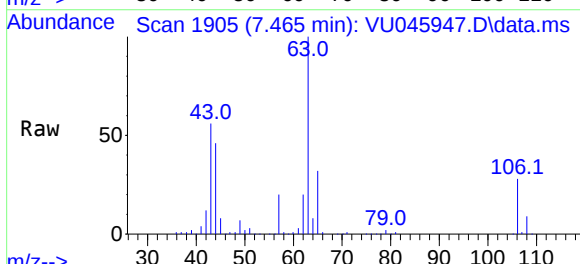
Acq: 23 Nov 2021 05:07

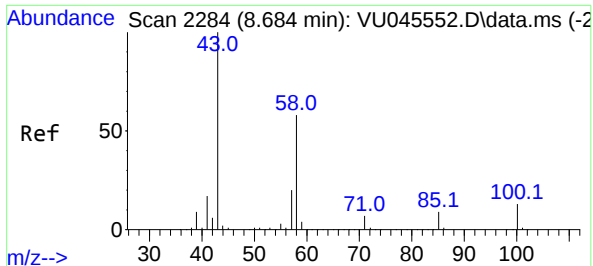
Tgt Ion: 63 Resp: 308527

Ion Ratio Lower Upper

63 100

106 27.7 21.0 31.4





#59

2-Hexanone

Concen: 254.486 ug/l

RT: 8.687 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU045947.D

Acq: 23 Nov 2021 05:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 434128

Ion Ratio Lower Upper

43 100

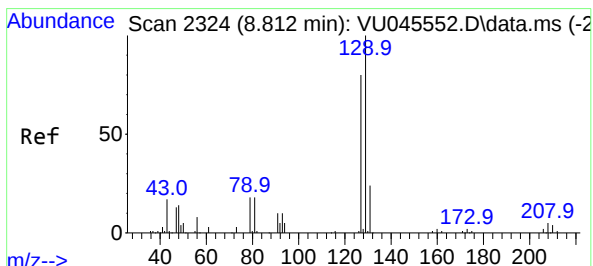
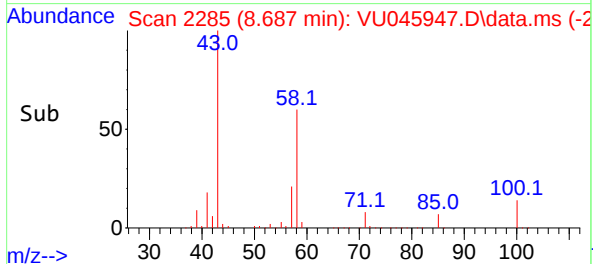
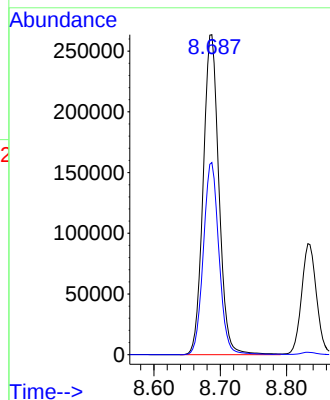
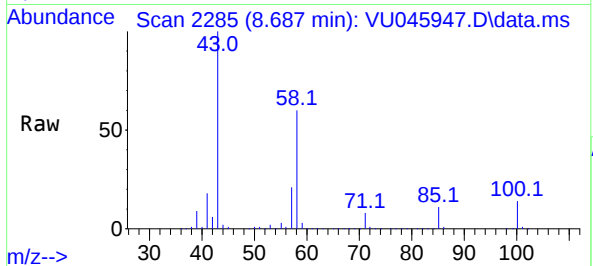
58 59.6 29.5 88.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/23/2021

Supervised By :Mahesh Dadoda 11/23/2021



#60

Dibromochloromethane

Concen: 56.522 ug/l

RT: 8.813 min Scan# 2324

Delta R.T. 0.000 min

Lab File: VU045947.D

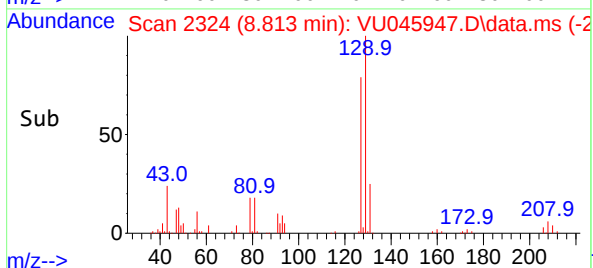
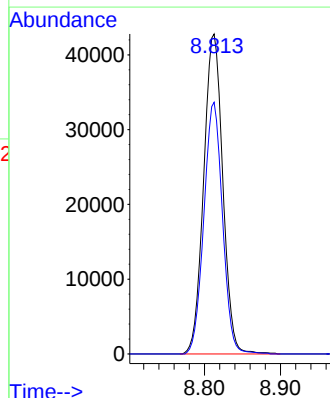
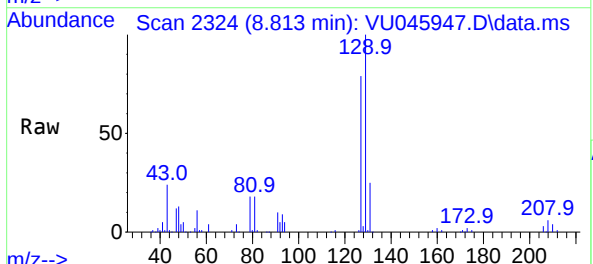
Acq: 23 Nov 2021 05:07

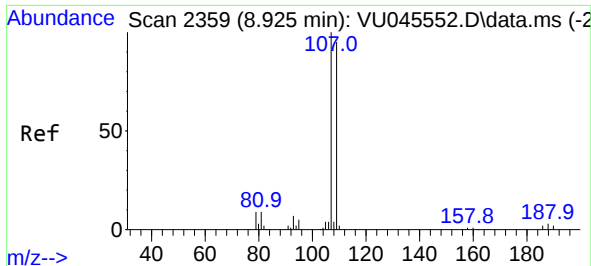
Tgt Ion:129 Resp: 74748

Ion Ratio Lower Upper

129 100

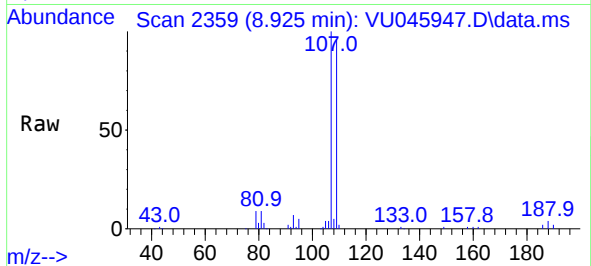
127 76.7 38.5 115.3





#61
1,2-Dibromoethane
Concen: 56.963 ug/l
RT: 8.925 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU045947.D
Acq: 23 Nov 2021 05:07

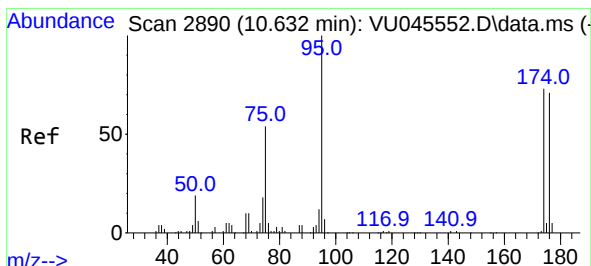
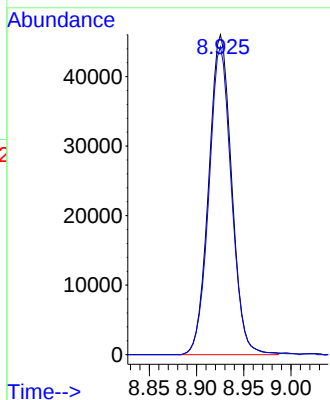
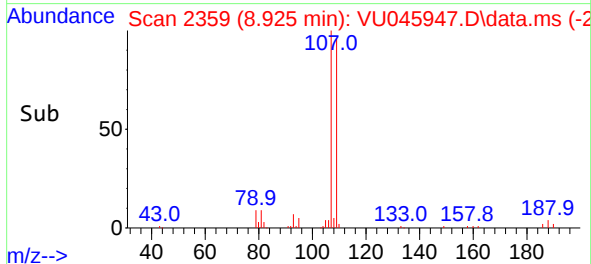
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



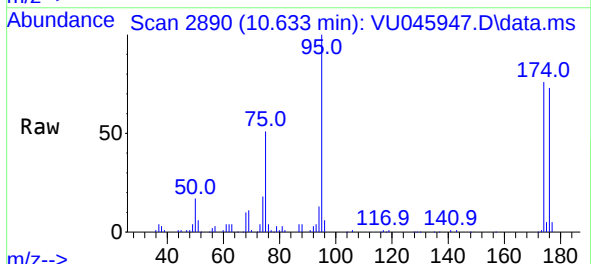
Tgt Ion:107 Resp: 77590
Ion Ratio Lower Upper
107 100
109 94.7 75.8 113.8

Manual Integrations
APPROVED

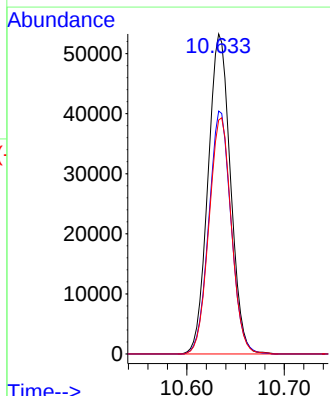
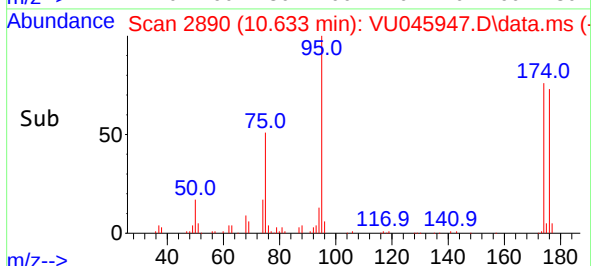
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021

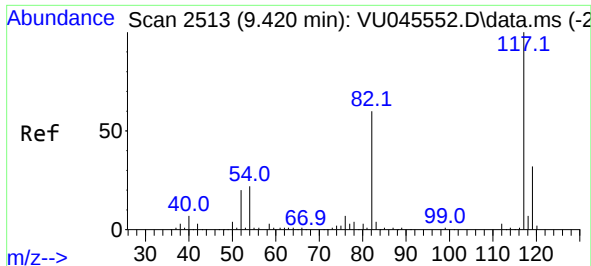


#62
4-Bromofluorobenzene
Concen: 49.376 ug/l
RT: 10.633 min Scan# 2890
Delta R.T. 0.000 min
Lab File: VU045947.D
Acq: 23 Nov 2021 05:07



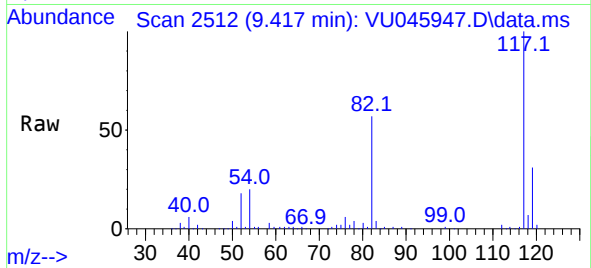
Tgt Ion: 95 Resp: 85226
Ion Ratio Lower Upper
95 100
174 75.2 0.0 141.8
176 73.6 0.0 138.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2513
Delta R.T. -0.003 min
Lab File: VU045947.D
Acq: 23 Nov 2021 05:07

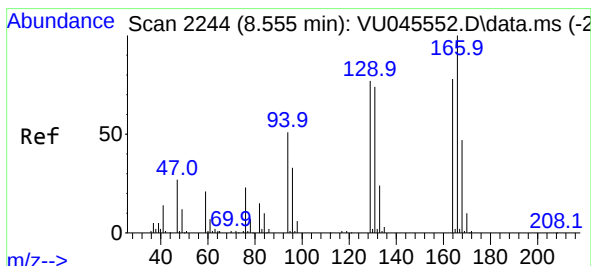
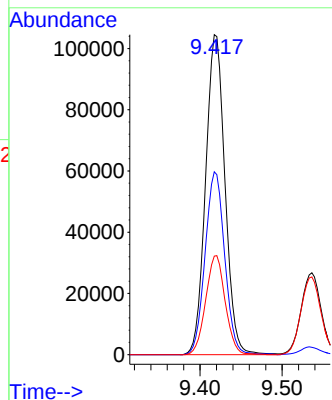
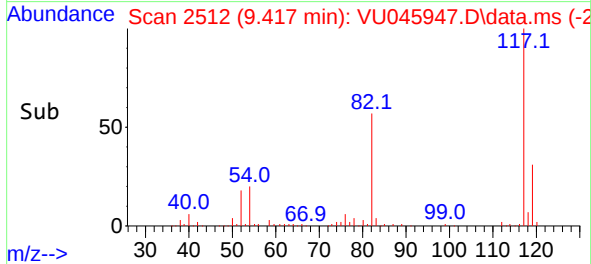
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



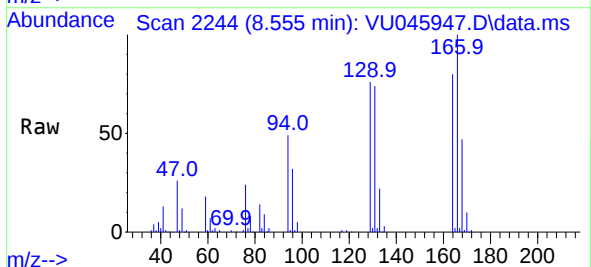
Tgt Ion:117 Resp: 172120
Ion Ratio Lower Upper
117 100
82 57.1 47.8 71.8
119 30.8 25.8 38.8

Manual Integrations
APPROVED

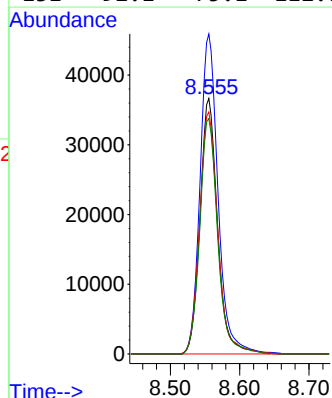
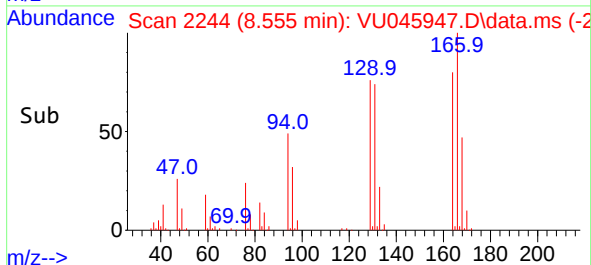
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021

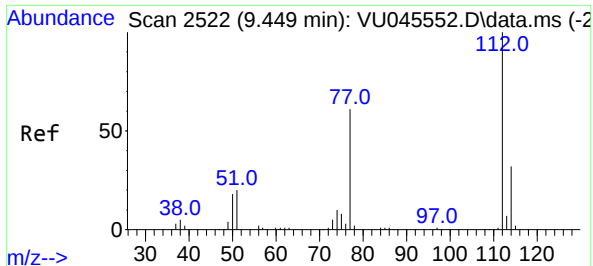


#64
Tetrachloroethene
Concen: 65.522 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU045947.D
Acq: 23 Nov 2021 05:07



Tgt Ion:164 Resp: 64731
Ion Ratio Lower Upper
164 100
166 125.3 102.2 153.4
129 94.7 78.2 117.4
131 92.1 75.1 112.7





#65

Chlorobenzene

Concen: 53.346 ug/l

RT: 9.446 min Scan# 2521

Delta R.T. -0.003 min

Lab File: VU045947.D

Acq: 23 Nov 2021 05:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion:112 Resp: 180364

Ion Ratio Lower Upper

112 100

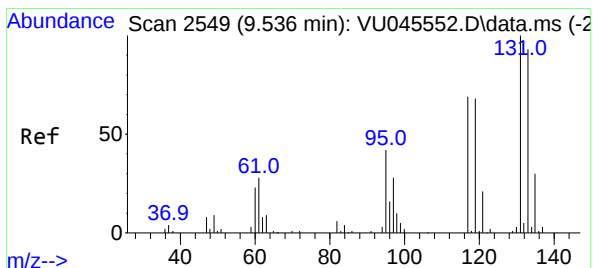
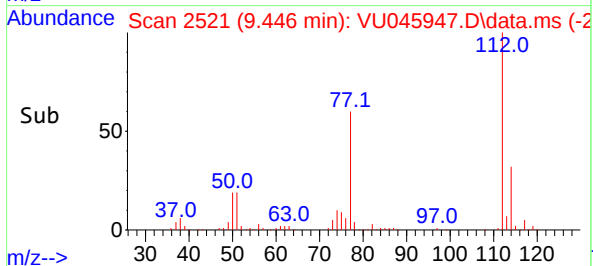
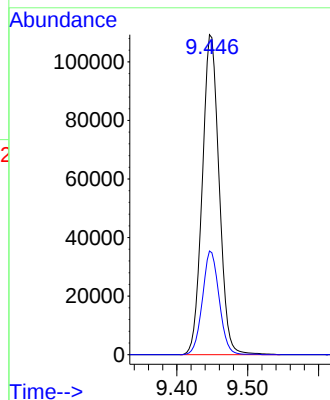
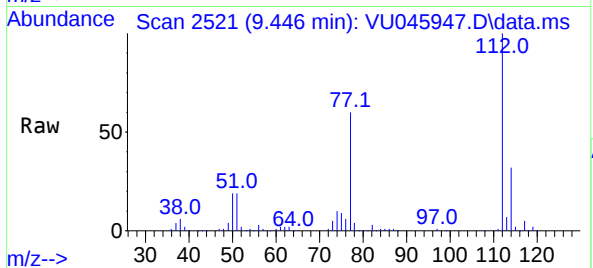
114 32.4 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/23/2021

Supervised By :Mahesh Dadoda 11/23/2021



#66

1,1,1,2-Tetrachloroethane

Concen: 54.789 ug/l

RT: 9.536 min Scan# 2549

Delta R.T. 0.000 min

Lab File: VU045947.D

Acq: 23 Nov 2021 05:07

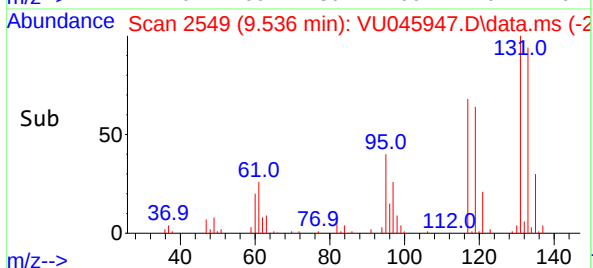
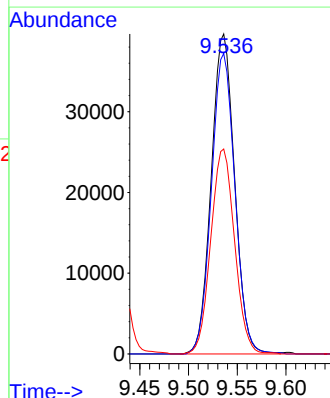
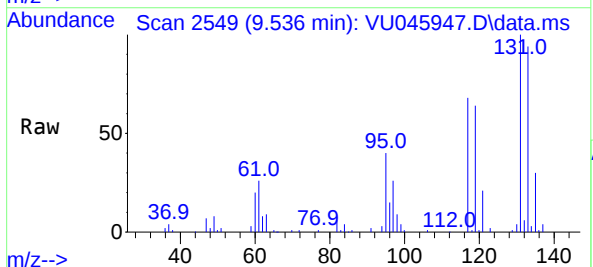
Tgt Ion:131 Resp: 66067

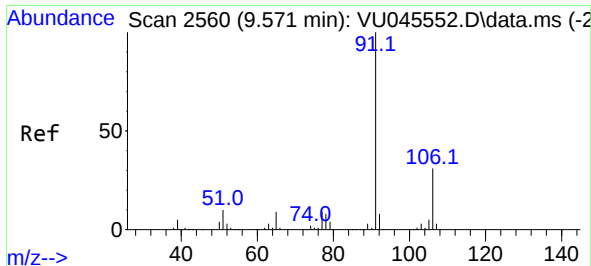
Ion Ratio Lower Upper

131 100

133 94.7 47.9 143.6

119 65.4 34.5 103.6





#67

Ethyl Benzene

Concen: 55.268 ug/l

RT: 9.572 min Scan# 2560

Delta R.T. 0.000 min

Lab File: VU045947.D

Acq: 23 Nov 2021 05:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 33463

Ion Ratio Lower Upper

91 100

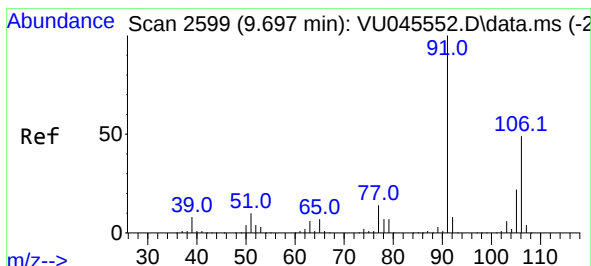
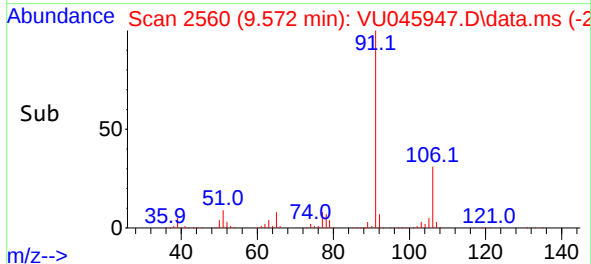
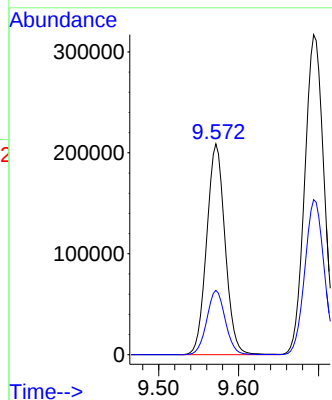
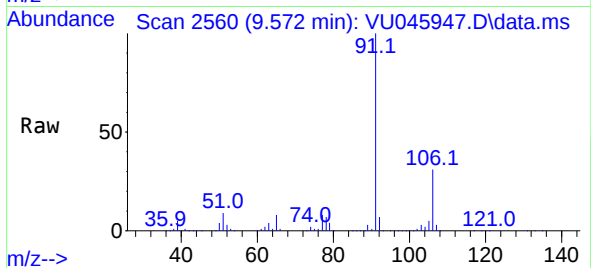
106 30.5 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/23/2021

Supervised By :Mahesh Dadoda 11/23/2021



#68

m/p-Xylenes

Concen: 113.287 ug/l

RT: 9.694 min Scan# 2598

Delta R.T. -0.003 min

Lab File: VU045947.D

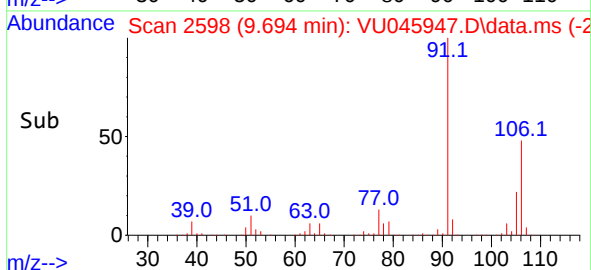
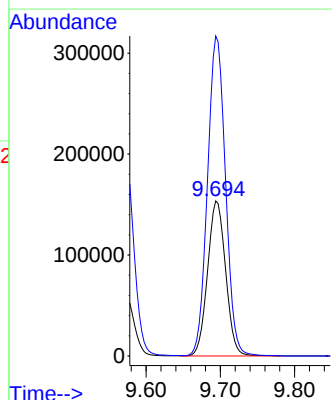
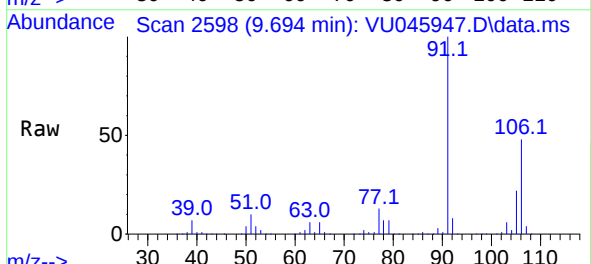
Acq: 23 Nov 2021 05:07

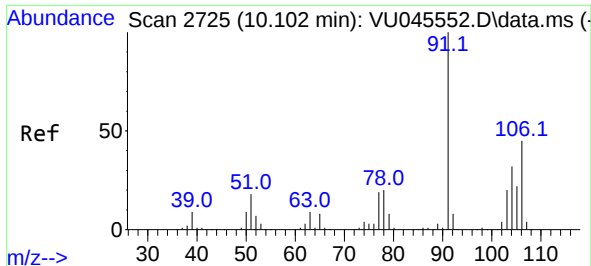
Tgt Ion:106 Resp: 258686

Ion Ratio Lower Upper

106 100

91 206.1 164.7 247.1





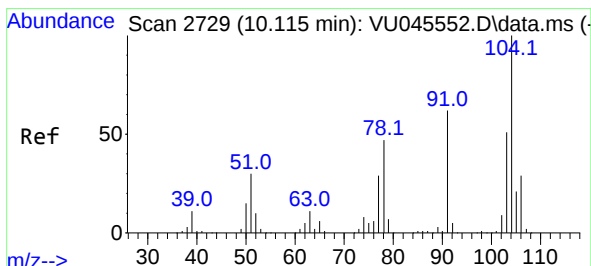
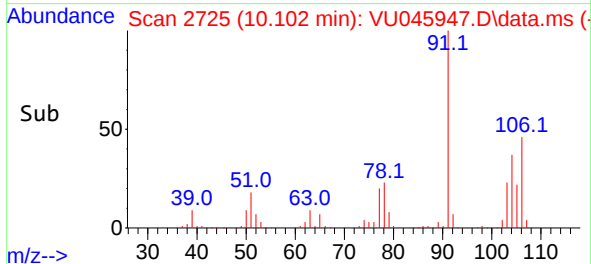
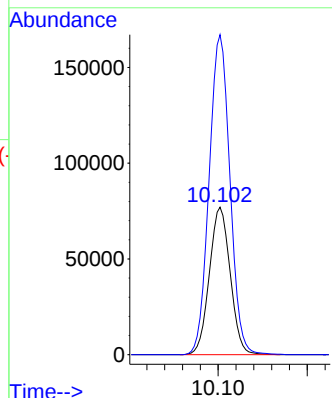
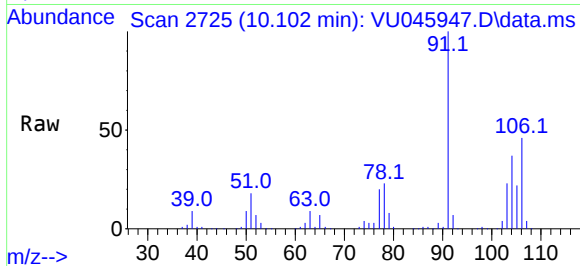
#69
o-Xylene
Concen: 56.294 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU045947.D
Acq: 23 Nov 2021 05:07

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 124972
Ion Ratio Lower Upper
106 100
91 216.9 108.7 326.3

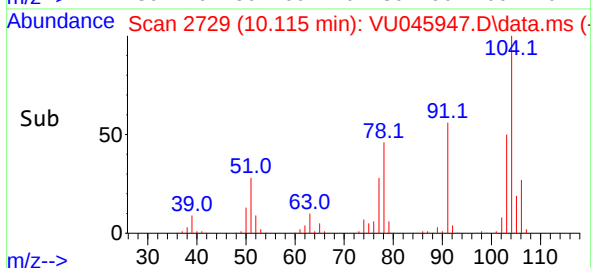
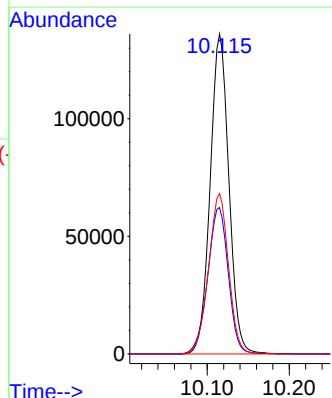
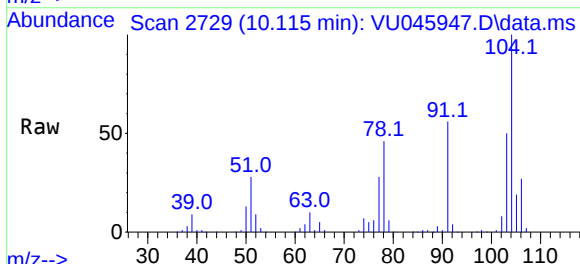
Manual Integrations
APPROVED

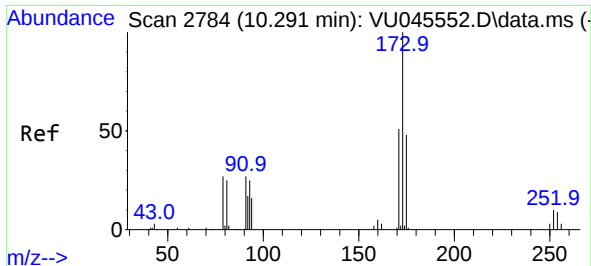
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021



#70
Styrene
Concen: 57.435 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU045947.D
Acq: 23 Nov 2021 05:07

Tgt Ion:104 Resp: 215709
Ion Ratio Lower Upper
104 100
78 50.3 41.8 62.6
103 53.7 43.8 65.6





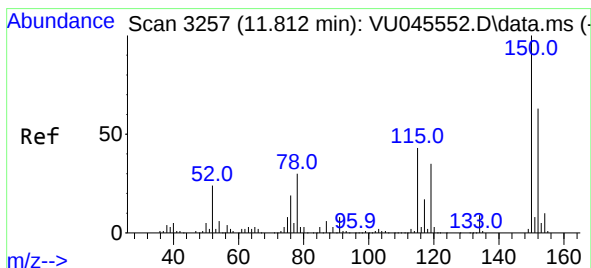
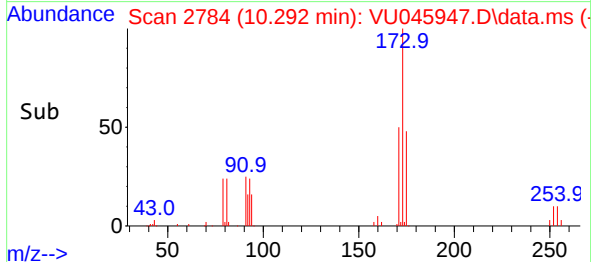
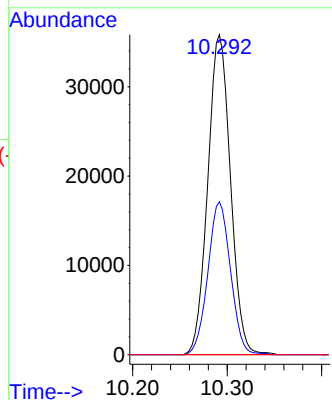
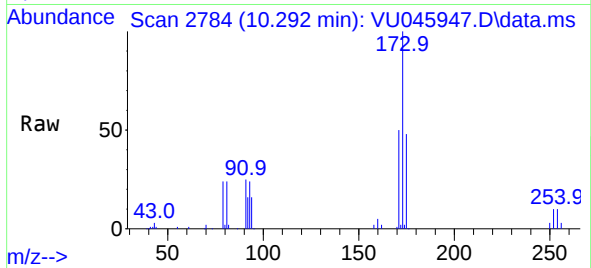
#71
Bromoform
Concen: 52.242 ug/l
RT: 10.292 min Scan# 21
Delta R.T. 0.001 min
Lab File: VU045947.D
Acq: 23 Nov 2021 05:07

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:173 Resp: 5979
Ion Ratio Lower Upper
173 100
175 47.6 24.1 72.2
254 0.0 0.0 0.0

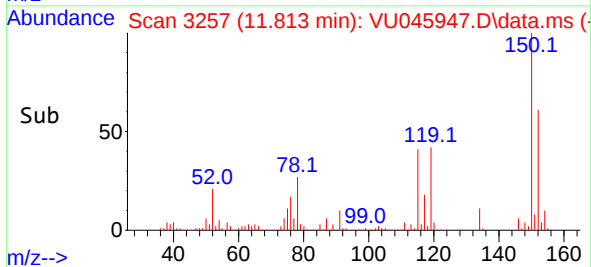
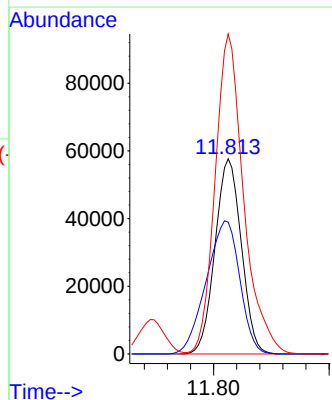
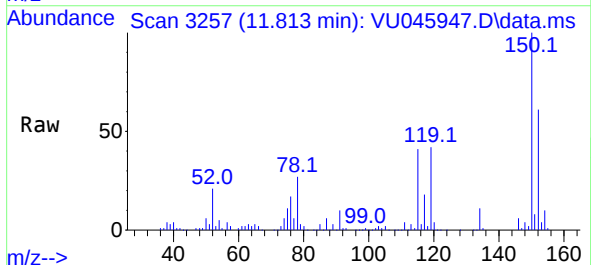
Manual Integrations
APPROVED

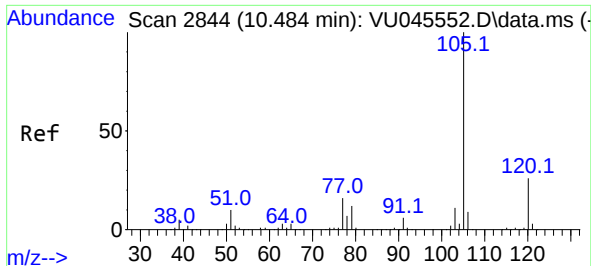
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.813 min Scan# 3257
Delta R.T. 0.000 min
Lab File: VU045947.D
Acq: 23 Nov 2021 05:07

Tgt Ion:152 Resp: 91199
Ion Ratio Lower Upper
152 100
115 86.8 42.7 128.1
150 178.0 0.0 346.8





#73
Isopropylbenzene
Concen: 55.911 ug/l
RT: 10.485 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU045947.D
Acq: 23 Nov 2021 05:07

Instrument :

MSVOA_U

ClientSampleId :

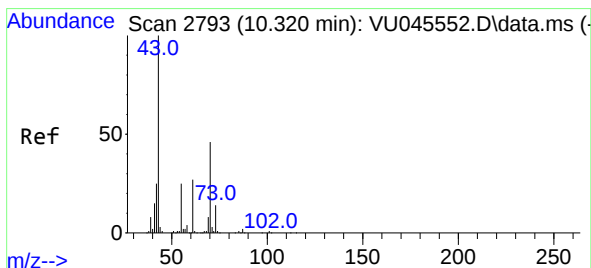
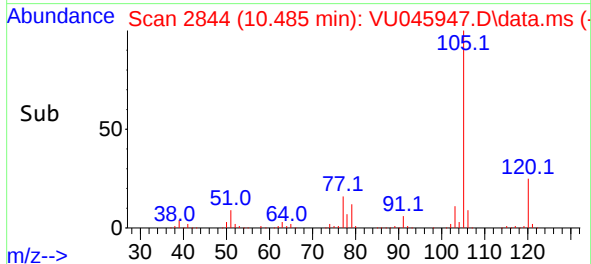
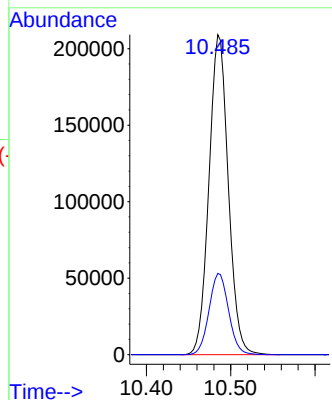
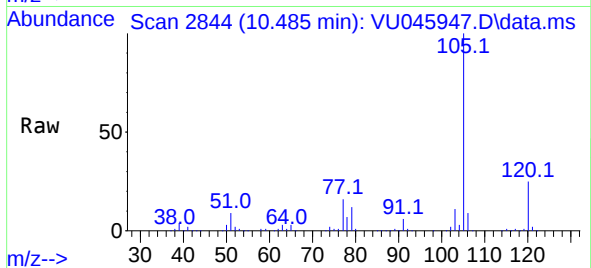
VSTDCCC050EC

Tgt Ion:105 Resp: 333168
Ion Ratio Lower Upper
105 100
120 25.7 12.9 38.6

Manual Integrations

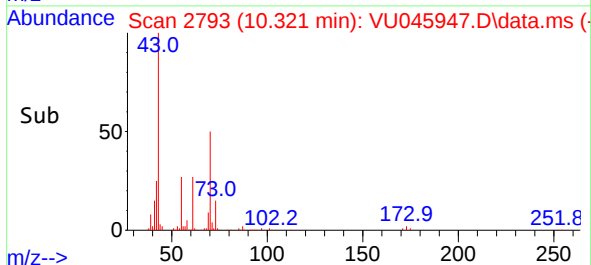
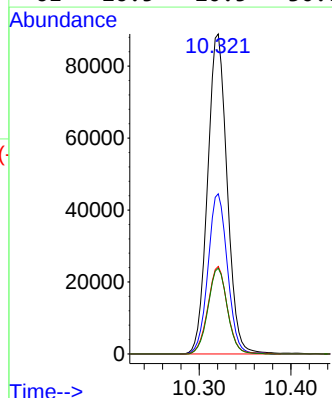
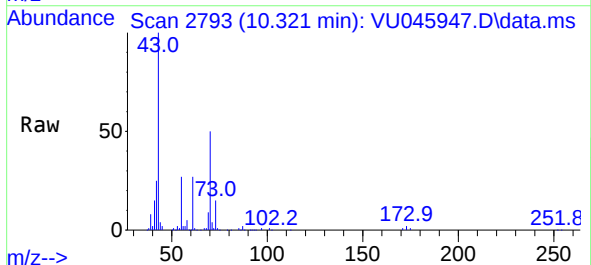
APPROVED

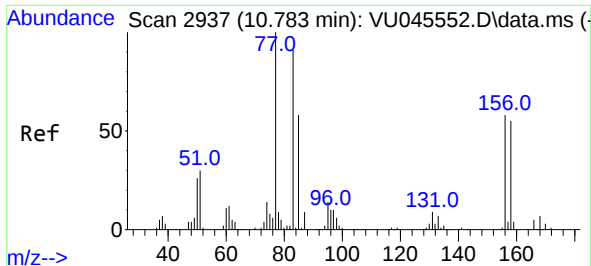
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021



#74
N-ethyl acetate
Concen: 48.980 ug/l
RT: 10.321 min Scan# 2793
Delta R.T. 0.000 min
Lab File: VU045947.D
Acq: 23 Nov 2021 05:07

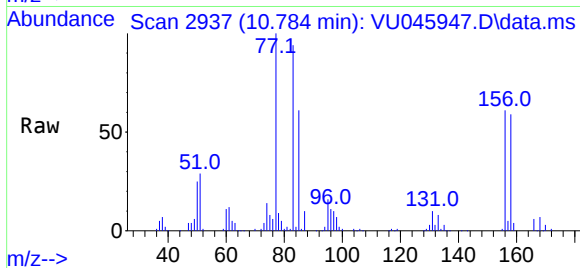
Tgt Ion: 43 Resp: 131668
Ion Ratio Lower Upper
43 100
70 49.9 36.9 55.3
55 27.4 20.6 31.0
61 26.5 20.5 30.7





#75
1,1,2,2-Tetrachloroethane
Concen: 52.837 ug/l
RT: 10.784 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU045947.D
Acq: 23 Nov 2021 05:07

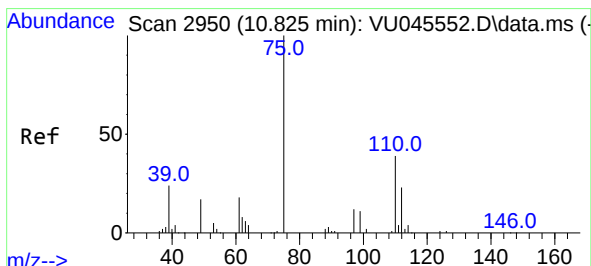
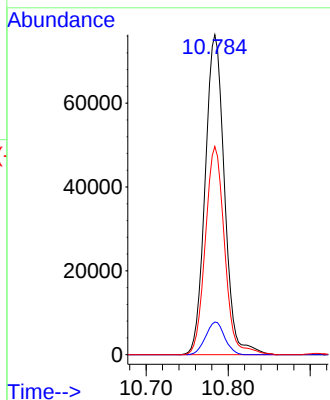
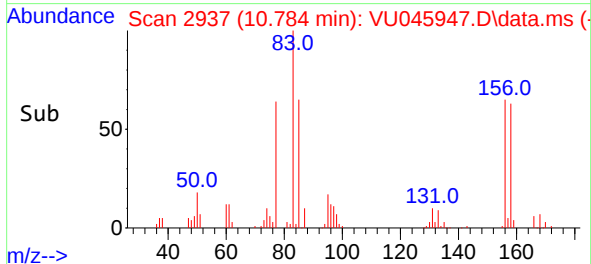
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



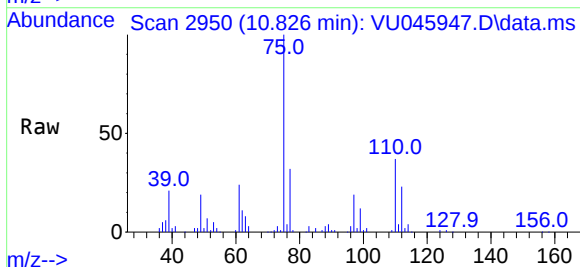
Tgt Ion: 83 Resp: 12474
Ion Ratio Lower Upper
83 100
131 10.1 4.4 13.2
85 65.0 31.9 95.9

Manual Integrations
APPROVED

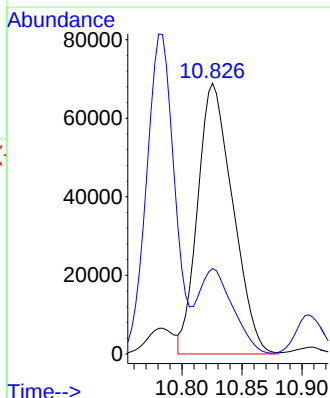
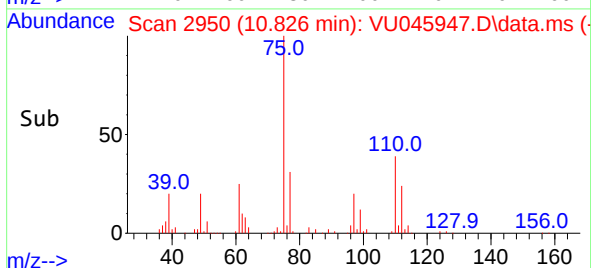
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021

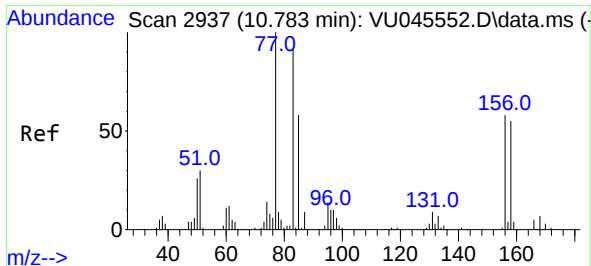


#76
1,2,3-Trichloropropane
Concen: 50.693 ug/l
RT: 10.826 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU045947.D
Acq: 23 Nov 2021 05:07



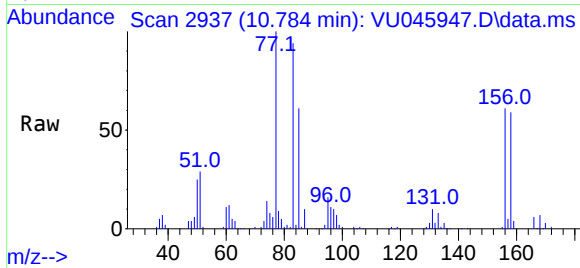
Tgt Ion: 75 Resp: 140201
Ion Ratio Lower Upper
75 100
77 29.6 17.1 51.3





#77
Bromobenzene
Concen: 55.177 ug/l
RT: 10.784 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU045947.D
Acq: 23 Nov 2021 05:07

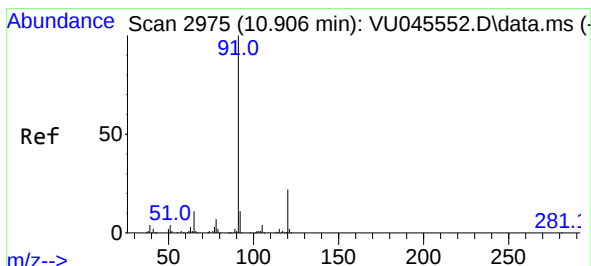
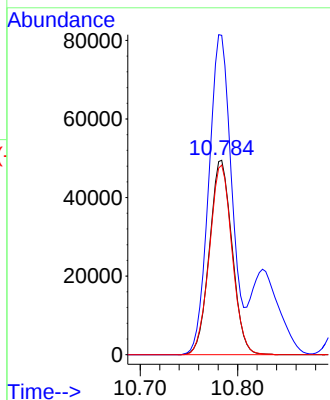
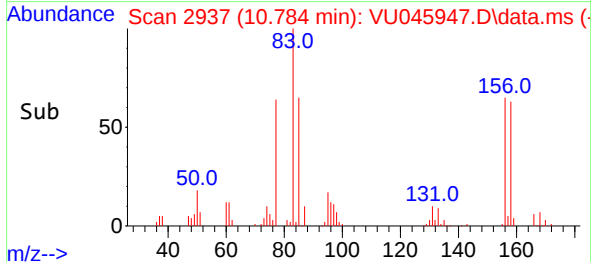
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



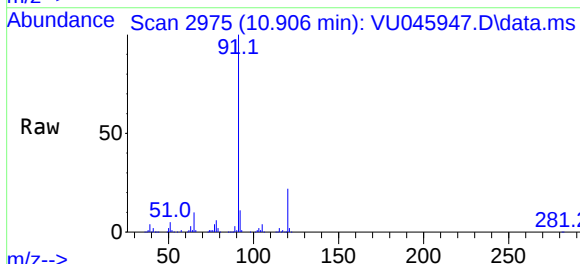
Tgt Ion:156 Resp: 79828
Ion Ratio Lower Upper
156 100
77 164.8 91.1 273.4
158 97.7 47.9 143.6

Manual Integrations
APPROVED

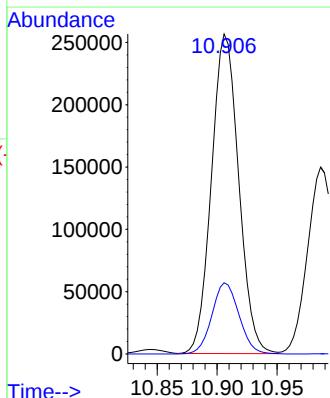
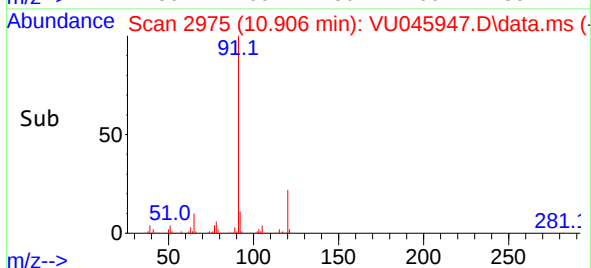
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021

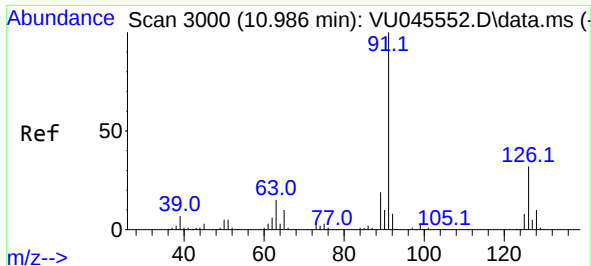


#78
n-propylbenzene
Concen: 54.473 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. 0.000 min
Lab File: VU045947.D
Acq: 23 Nov 2021 05:07



Tgt Ion: 91 Resp: 403995
Ion Ratio Lower Upper
91 100
120 22.1 10.9 32.7





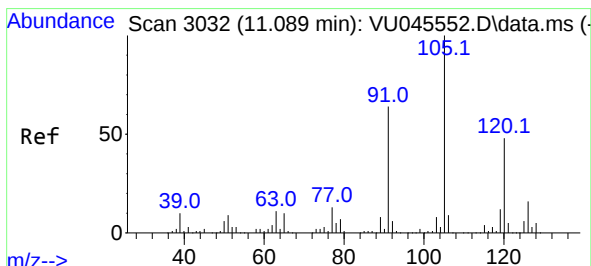
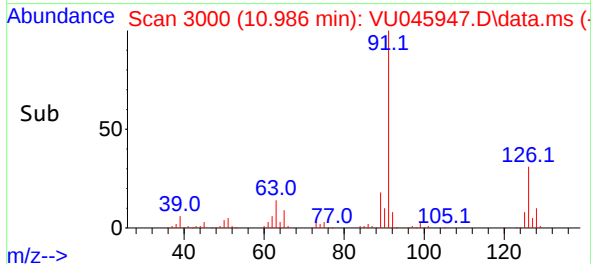
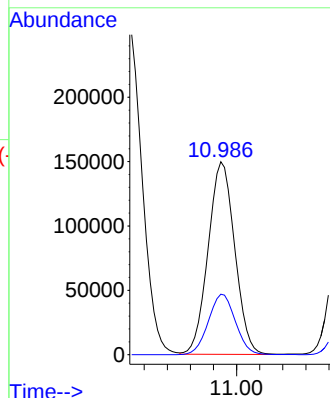
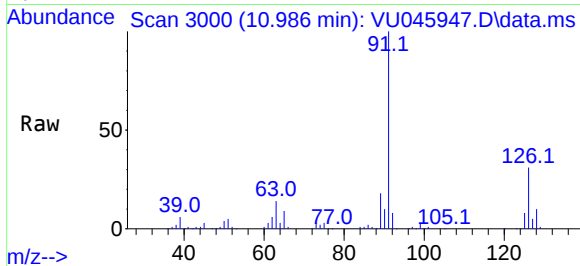
#79
2-Chlorotoluene
Concen: 54.598 ug/l
RT: 10.986 min Scan# 3000
Delta R.T. 0.000 min
Lab File: VU045947.D
Acq: 23 Nov 2021 05:07

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 23923
Ion Ratio Lower Upper
91 100
126 31.9 15.6 46.8

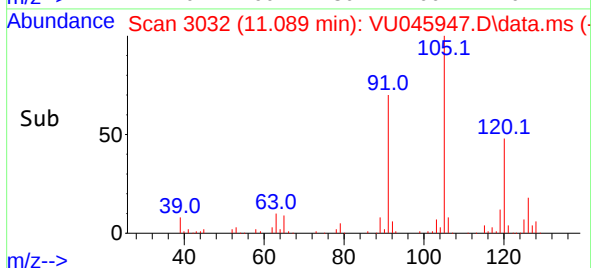
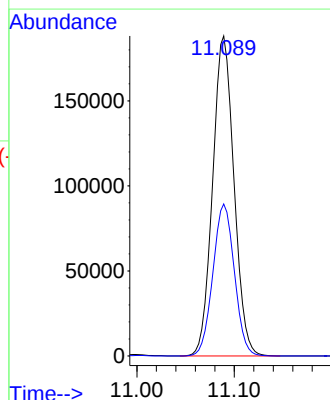
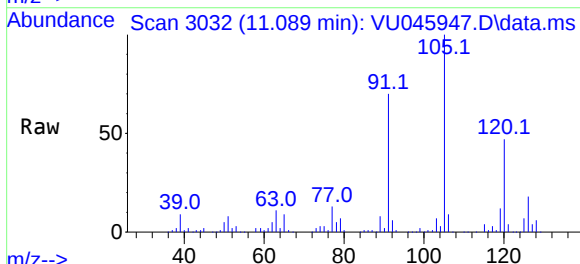
Manual Integrations
APPROVED

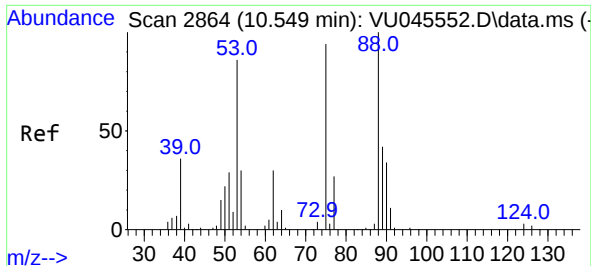
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021



#80
1,3,5-Trimethylbenzene
Concen: 54.960 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU045947.D
Acq: 23 Nov 2021 05:07

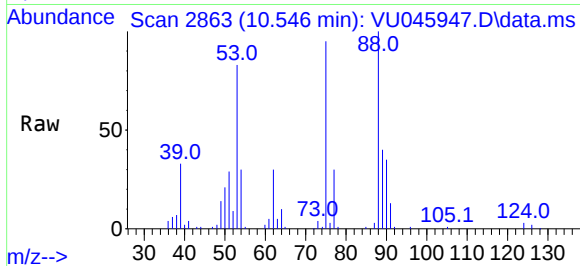
Tgt Ion:105 Resp: 286138
Ion Ratio Lower Upper
105 100
120 47.7 23.9 71.8





#81
trans-1,4-Dichloro-2-butene
Concen: 43.368 ug/l
RT: 10.546 min Scan# 2863
Delta R.T. -0.003 min
Lab File: VU045947.D
Acq: 23 Nov 2021 05:07

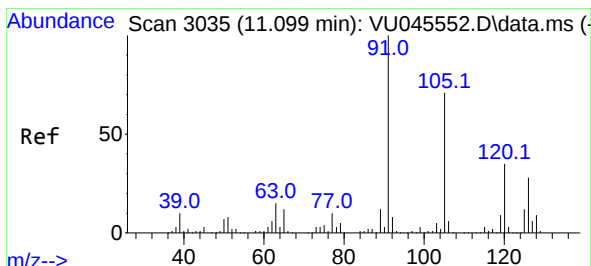
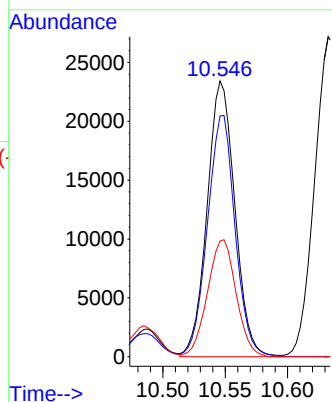
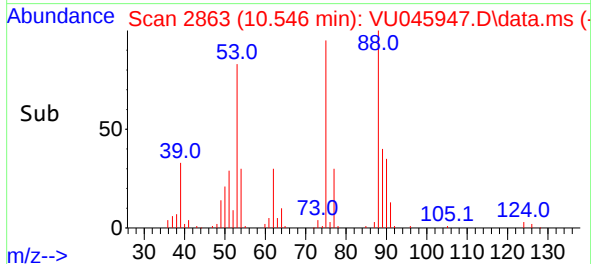
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



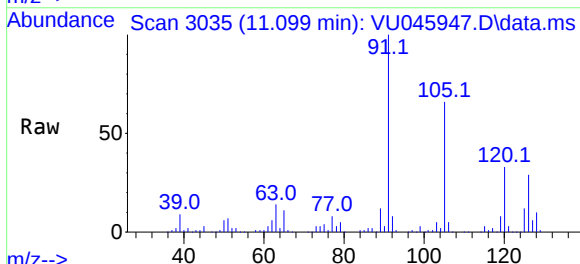
Tgt Ion: 75 Resp: 3625
Ion Ratio Lower Upper
75 100
53 87.5 76.2 114.4
89 43.8 34.0 51.0

Manual Integrations
APPROVED

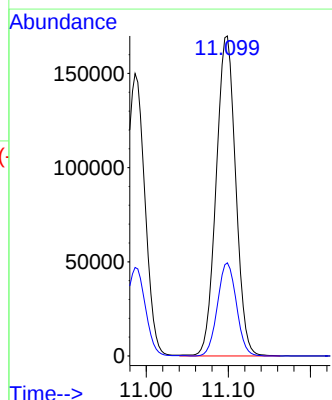
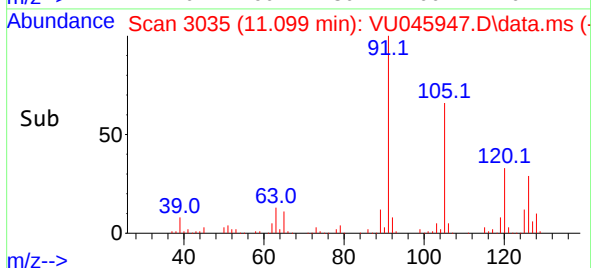
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021

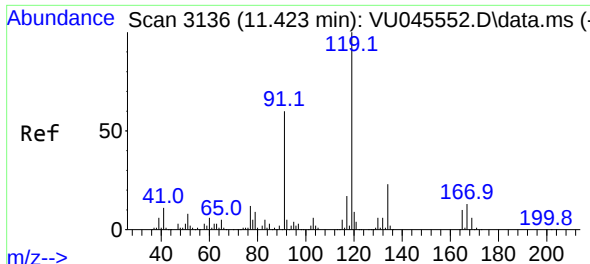


#82
4-Chlorotoluene
Concen: 54.674 ug/l
RT: 11.099 min Scan# 3035
Delta R.T. 0.000 min
Lab File: VU045947.D
Acq: 23 Nov 2021 05:07



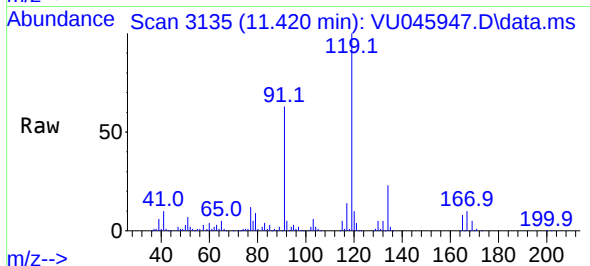
Tgt Ion: 91 Resp: 280951
Ion Ratio Lower Upper
91 100
126 28.2 13.8 41.4





#83
tert-Butylbenzene
Concen: 54.096 ug/l
RT: 11.420 min Scan# 3136
Delta R.T. -0.003 min
Lab File: VU045947.D
Acq: 23 Nov 2021 05:07

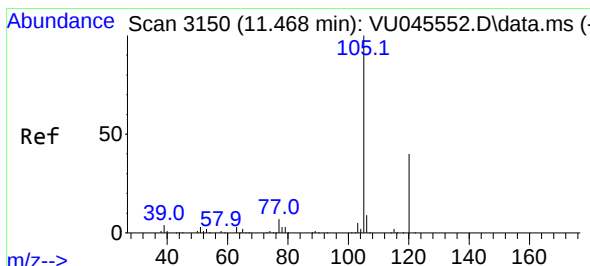
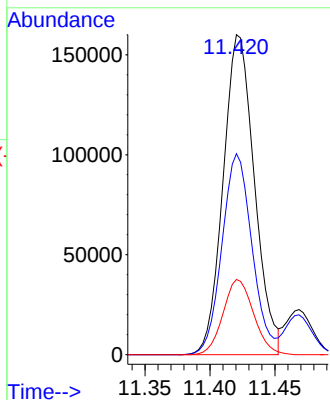
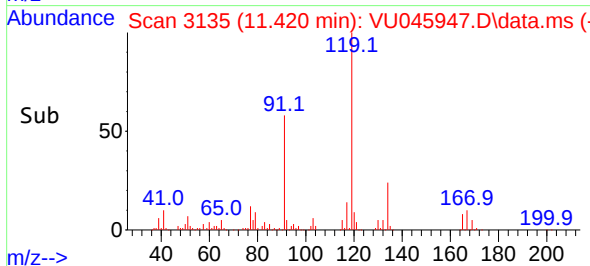
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



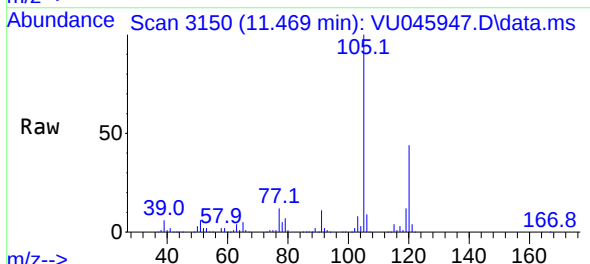
Tgt Ion:119 Resp: 268470
Ion Ratio Lower Upper
119 100
91 60.1 30.5 91.5
134 22.9 11.5 34.5

Manual Integrations
APPROVED

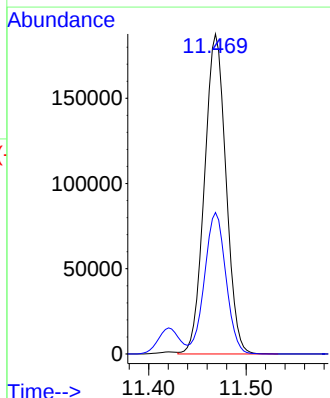
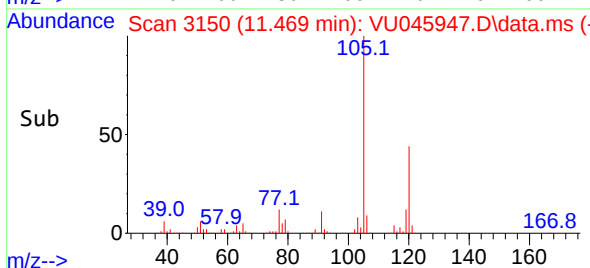
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021

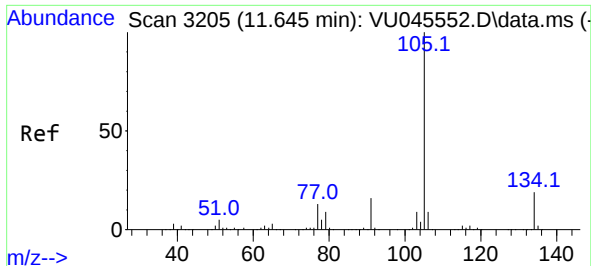


#84
1,2,4-Trimethylbenzene
Concen: 55.610 ug/l
RT: 11.469 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU045947.D
Acq: 23 Nov 2021 05:07



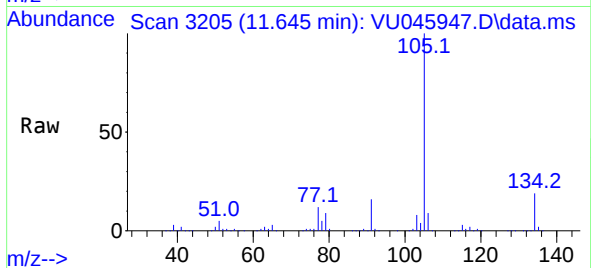
Tgt Ion:105 Resp: 287749
Ion Ratio Lower Upper
105 100
120 44.0 22.2 66.6





#85
 sec-Butylbenzene
 Concen: 54.401 ug/l
 RT: 11.645 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU045947.D
 Acq: 23 Nov 2021 05:07

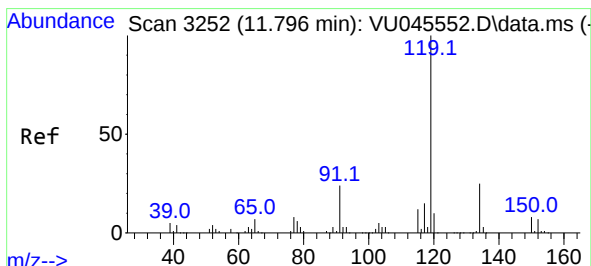
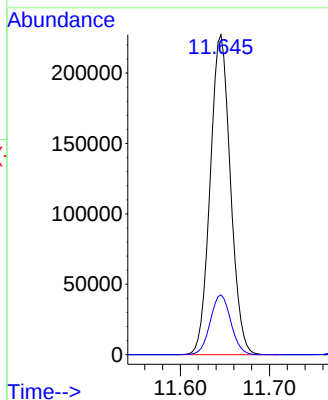
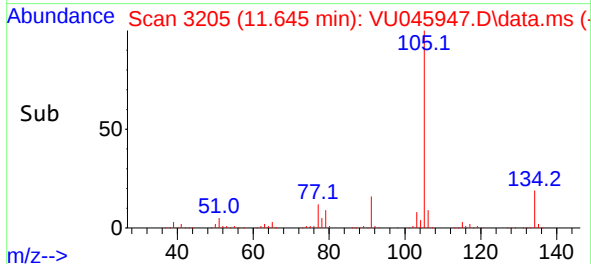
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC



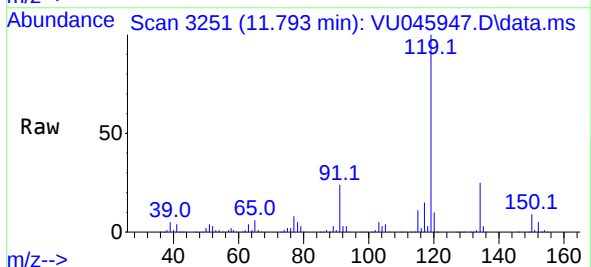
Tgt Ion:105 Resp: 358074
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.4 28.3

Manual Integrations
 APPROVED

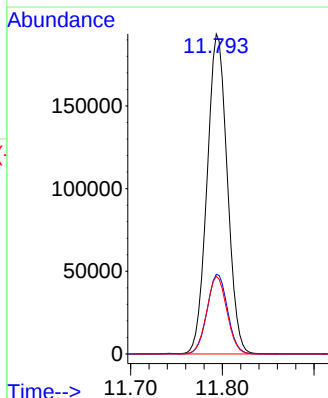
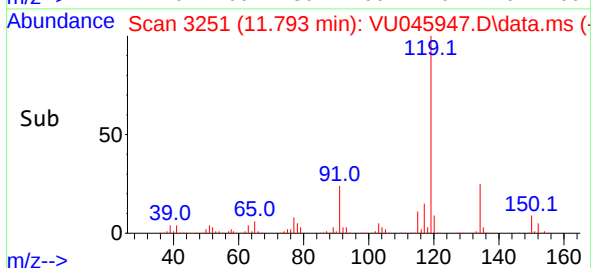
Reviewed By :John Carlone 11/23/2021
 Supervised By :Mahesh Dadoda 11/23/2021

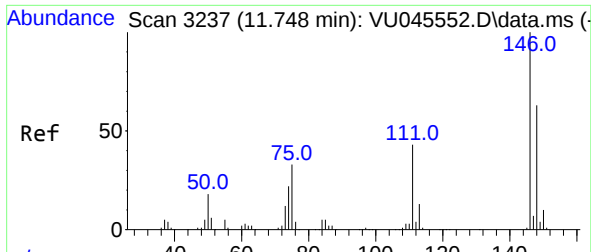


#86
 p-Isopropyltoluene
 Concen: 53.826 ug/l
 RT: 11.793 min Scan# 3251
 Delta R.T. -0.003 min
 Lab File: VU045947.D
 Acq: 23 Nov 2021 05:07



Tgt Ion:119 Resp: 296057
 Ion Ratio Lower Upper
 119 100
 134 25.1 12.7 38.1
 91 24.2 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 53.410 ug/l

RT: 11.745 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU045947.D

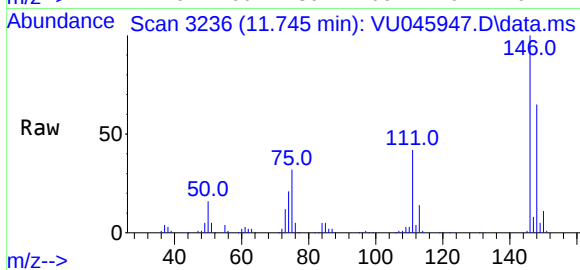
Acq: 23 Nov 2021 05:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC



Tgt Ion:146 Resp: 155908

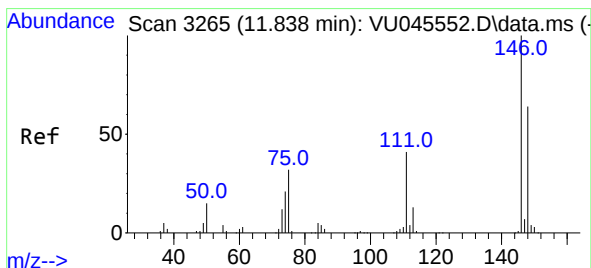
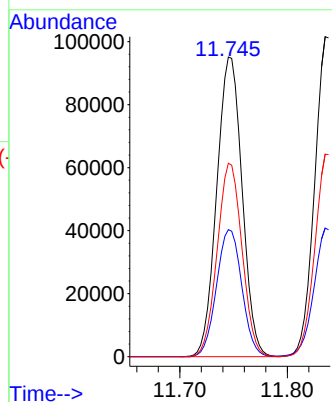
Ion	Ratio	Lower	Upper
146	100		
111	42.3	21.3	63.9
148	63.2	31.7	95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/23/2021

Supervised By :Mahesh Dadoda 11/23/2021



#88

1,4-Dichlorobenzene

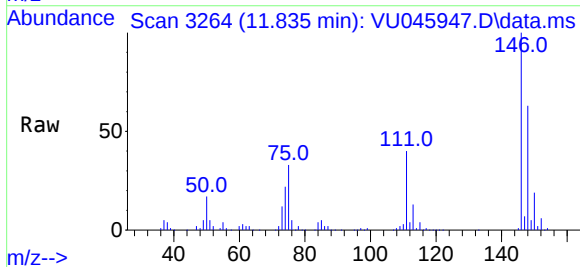
Concen: 53.735 ug/l

RT: 11.835 min Scan# 3264

Delta R.T. -0.003 min

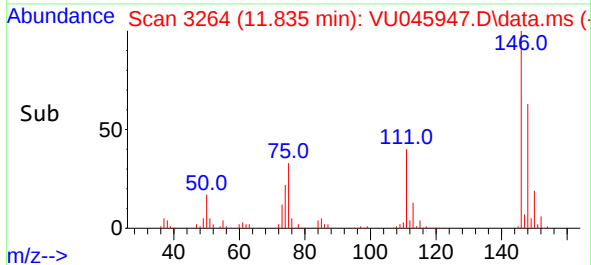
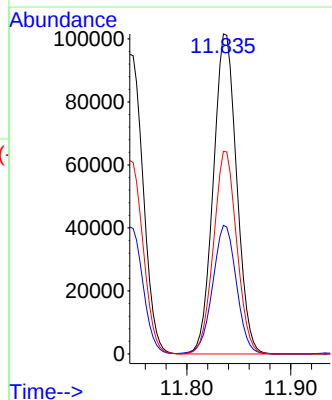
Lab File: VU045947.D

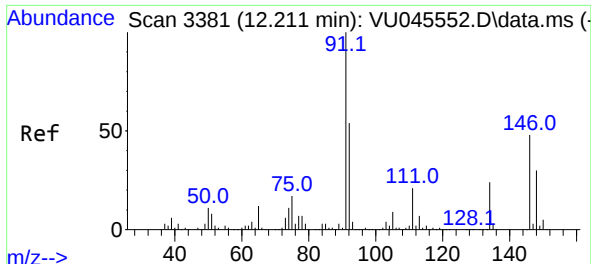
Acq: 23 Nov 2021 05:07



Tgt Ion:146 Resp: 158646

Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.6	61.9
148	63.1	31.9	95.7





#89

n-Butylbenzene

Concen: 51.307 ug/l

RT: 12.208 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU045947.D

Acq: 23 Nov 2021 05:07

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 271840

Ion Ratio Lower Upper

91 100

92 53.8 27.1 81.2

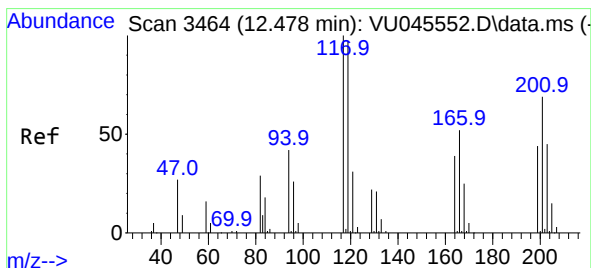
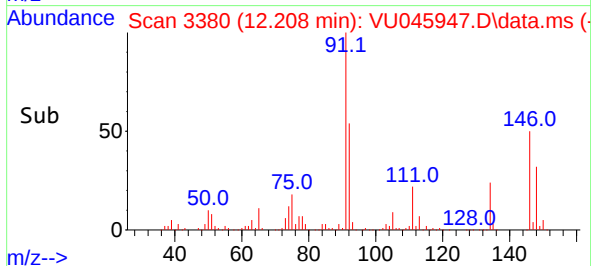
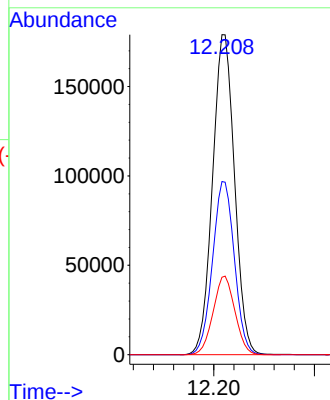
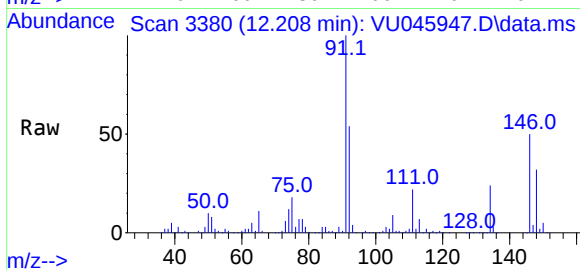
134 24.3 11.8 35.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/23/2021

Supervised By :Mahesh Dadoda 11/23/2021



#90

Hexachloroethane

Concen: 45.160 ug/l

RT: 12.475 min Scan# 3463

Delta R.T. -0.003 min

Lab File: VU045947.D

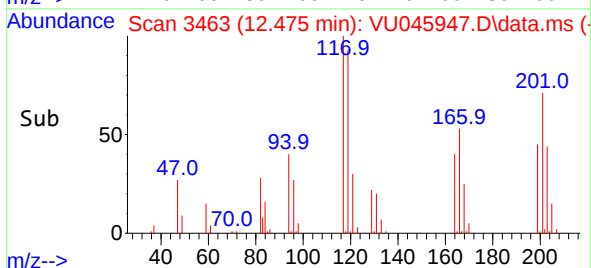
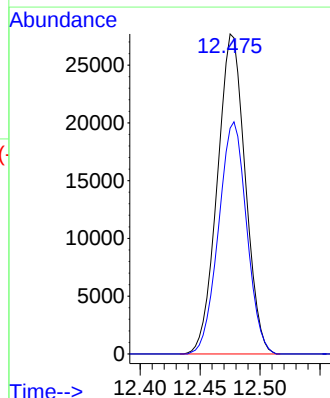
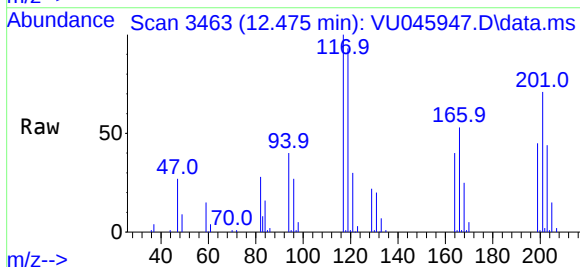
Acq: 23 Nov 2021 05:07

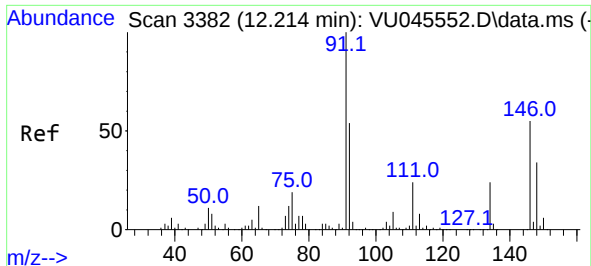
Tgt Ion:117 Resp: 44809

Ion Ratio Lower Upper

117 100

201 73.0 33.8 101.4





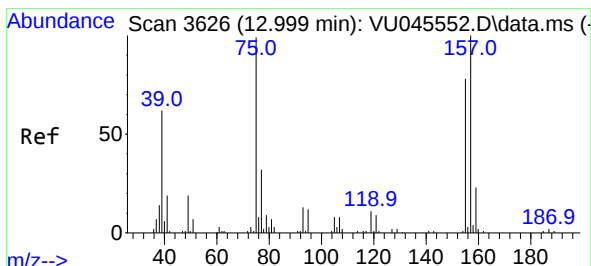
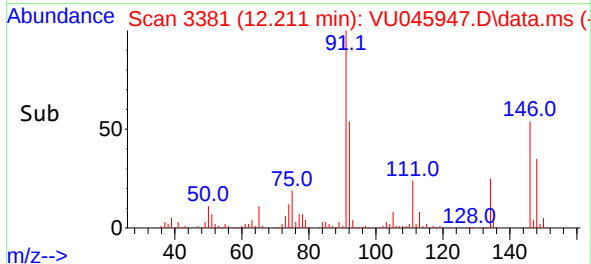
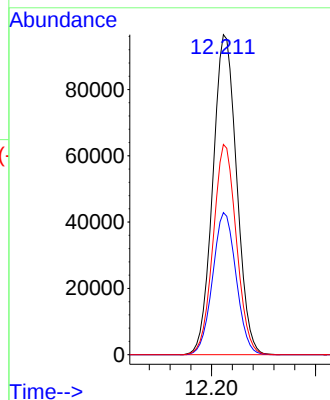
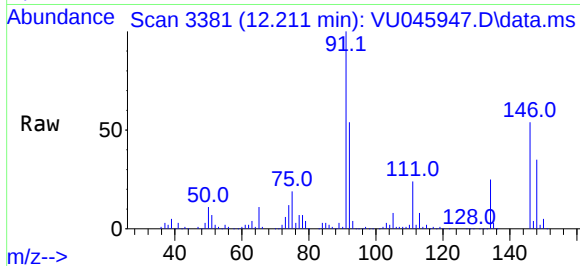
#91
1,2-Dichlorobenzene
Concen: 54.152 ug/l
RT: 12.211 min Scan# 311
Delta R.T. -0.003 min
Lab File: VU045947.D
Acq: 23 Nov 2021 05:07

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 15379
Ion Ratio Lower Upper
146 100
111 43.8 21.9 65.5
148 64.1 32.1 96.3

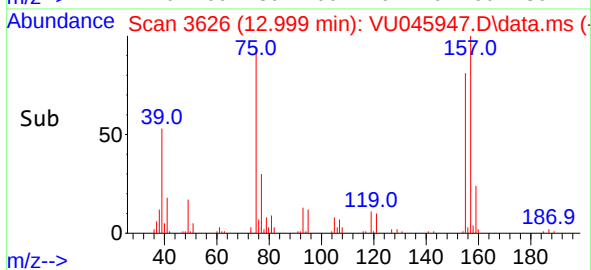
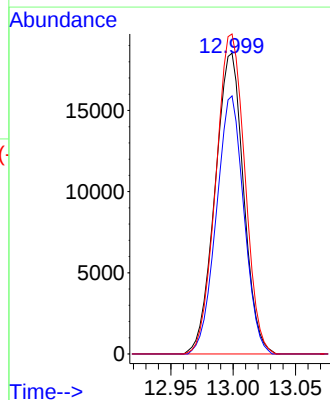
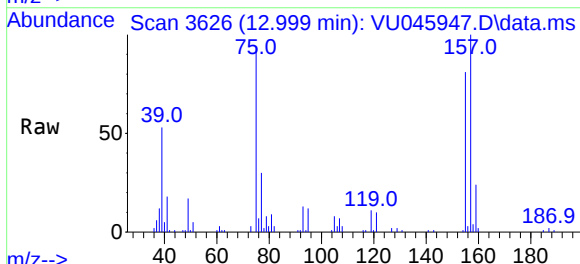
Manual Integrations
APPROVED

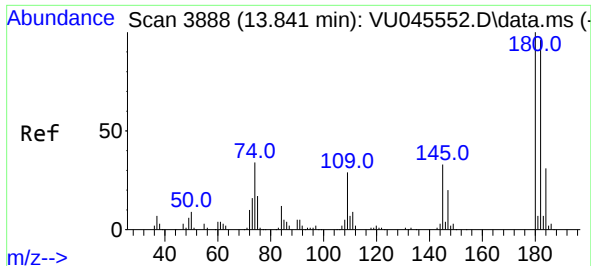
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 53.079 ug/l
RT: 12.999 min Scan# 3626
Delta R.T. 0.000 min
Lab File: VU045947.D
Acq: 23 Nov 2021 05:07

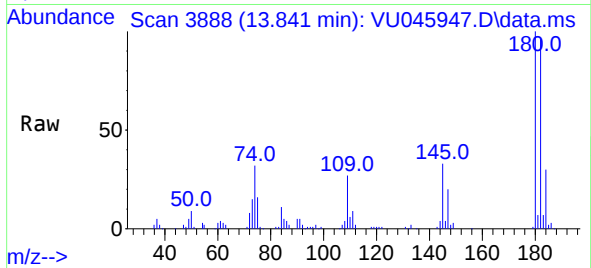
Tgt Ion: 75 Resp: 29569
Ion Ratio Lower Upper
75 100
155 82.9 37.8 113.3
157 107.7 48.4 145.2





#93
1,2,4-Trichlorobenzene
Concen: 53.403 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. 0.000 min
Lab File: VU045947.D
Acq: 23 Nov 2021 05:07

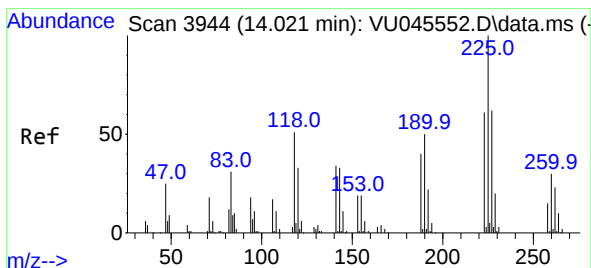
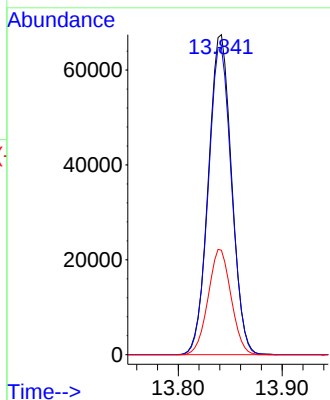
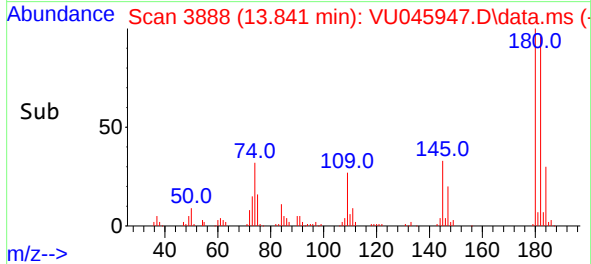
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



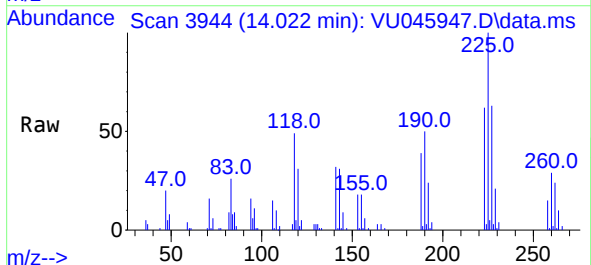
Tgt Ion:180 Resp: 104860
Ion Ratio Lower Upper
180 100
182 96.6 47.0 141.2
145 32.5 15.6 46.7

Manual Integrations
APPROVED

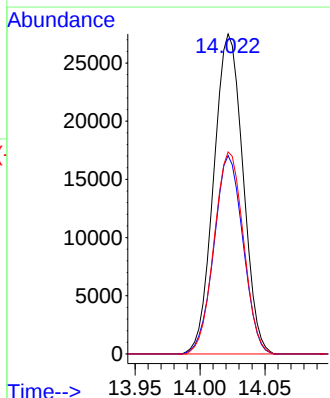
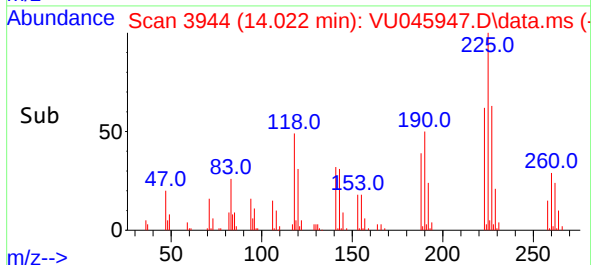
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021

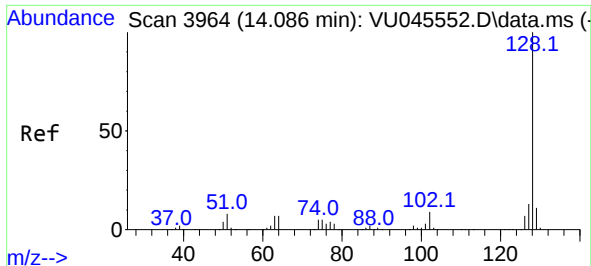


#94
Hexachlorobutadiene
Concen: 50.675 ug/l
RT: 14.022 min Scan# 3944
Delta R.T. 0.000 min
Lab File: VU045947.D
Acq: 23 Nov 2021 05:07



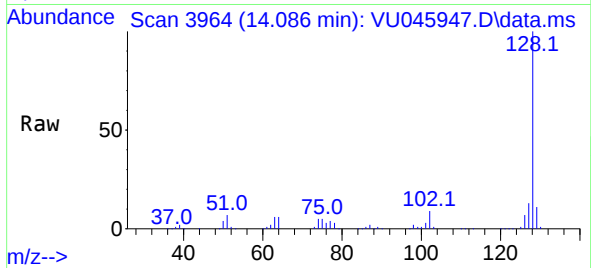
Tgt Ion:225 Resp: 42954
Ion Ratio Lower Upper
225 100
223 61.7 32.0 96.2
227 63.4 31.1 93.5





#95
Naphthalene
Concen: 51.926 ug/l
RT: 14.086 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU045947.D
Acq: 23 Nov 2021 05:07

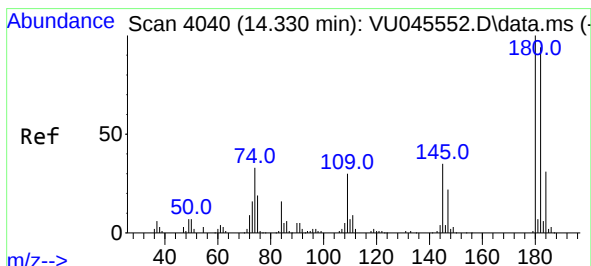
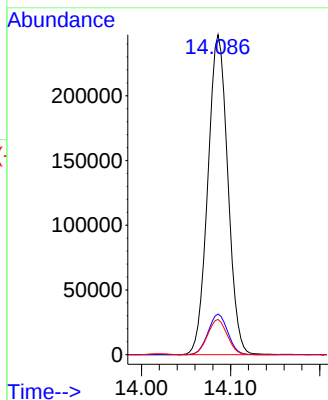
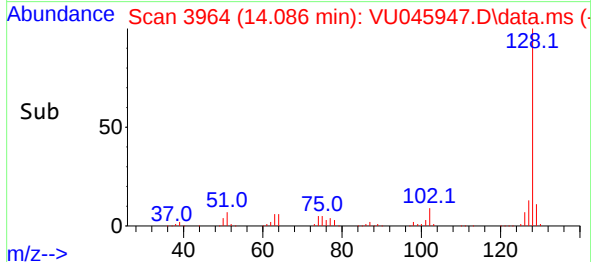
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



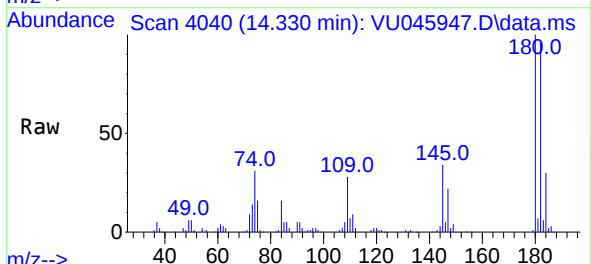
Tgt Ion:128 Resp: 383630
Ion Ratio Lower Upper
128 100
127 12.6 10.6 15.8
129 10.9 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021



#96
1,2,3-Trichlorobenzene
Concen: 53.660 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU045947.D
Acq: 23 Nov 2021 05:07



Tgt Ion:180 Resp: 104662
Ion Ratio Lower Upper
180 100
182 97.3 47.7 143.1
145 34.4 16.7 50.0

