

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111021\
 Data File : VU045703.D
 Acq On : 10 Nov 2021 21:31
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 11 00:20:35 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

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/11/2021
 Supervised By : Mahesh Dadoda 11/15/2021

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

Internal Standards						
1) Pentafluorobenzene	5.375	168	113176	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	203016	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	199078	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.815	152	102656	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	90330	53.294	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.580%			
35) Dibromofluoromethane	5.292	113	69171	51.033	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.060%			
50) Toluene-d8	7.899	98	258819	51.351	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.700%			
62) 4-Bromofluorobenzene	10.635	95	101619	50.280	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.560%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	71392	48.653	ug/l	99
3) Chloromethane	1.520	50	80020	47.661	ug/l	98
4) Vinyl Chloride	1.604	62	82596	50.502	ug/l	100
5) Bromomethane	1.842	94	49091	53.814	ug/l	98
6) Chloroethane	1.928	64	50819	47.612	ug/l	98
7) Trichlorofluoromethane	2.134	101	108969	50.385	ug/l	98
8) Diethyl Ether	2.375	74	43880	51.256	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.578	101	63577	50.344	ug/l	98
10) Methyl Iodide	2.723	142	68927	41.708	ug/l	93
11) Tert butyl alcohol	3.179	59	97861	291.702	ug/l	100
12) 1,1-Dichloroethene	2.578	96	62289	50.026	ug/l	96
13) Acrolein	2.485	56	13502	277.728	ug/l	99
14) Allyl chloride	2.922	41	112662	50.674	ug/l	98
15) Acrylonitrile	3.314	53	249541	278.597	ug/l	98
16) Acetone	2.626	43	197272	228.640	ug/l	98
17) Carbon Disulfide	2.793	76	152966	43.860	ug/l	99
18) Methyl Acetate	2.948	43	159391	54.238	ug/l	99
19) Methyl tert-butyl Ether	3.366	73	239427	53.420	ug/l	99
20) Methylene Chloride	3.047	84	76175	50.810	ug/l	98
21) trans-1,2-Dichloroethene	3.353	96	65961	50.921	ug/l	98
22) Diisopropyl ether	3.996	45	237081	54.309	ug/l	91
23) Vinyl Acetate	3.957	43	915159	272.570	ug/l	100
24) 1,1-Dichloroethane	3.870	63	137117	52.709	ug/l	99
25) 2-Butanone	4.703	43	324465	271.137	ug/l	99
26) 2,2-Dichloropropane	4.668	77	103557	48.040	ug/l	98
27) cis-1,2-Dichloroethene	4.668	96	80706	53.045	ug/l	99
28) Bromochloromethane	4.977	49	62154	50.116	ug/l	97
29) Tetrahydrofuran	5.050	42	207047	282.855	ug/l	100
30) Chloroform	5.092	83	137151	53.309	ug/l	99
31) Cyclohexane	5.391	56	116517	47.114	ug/l	97
32) 1,1,1-Trichloroethane	5.317	97	116432	53.069	ug/l	98
36) 1,1-Dichloropropene	5.530	75	95695	48.342	ug/l	99
37) Ethyl Acetate	4.803	43	119420	52.517	ug/l	98
38) Carbon Tetrachloride	5.526	117	98799	49.505	ug/l	98
39) Methylcyclohexane	6.764	83	115631	47.614	ug/l	96
40) Benzene	5.777	78	288496	49.225	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.973	41	65736	54.703	ug/l	98
42) 1,2-Dichloroethane	5.796	62	108488	51.247	ug/l	100
43) Isopropyl Acetate	5.912	43	179750	51.681	ug/l	99
44) Trichloroethene	6.546	130	72716	51.833	ug/l	98
45) 1,2-Dichloropropane	6.793	63	81309	52.432	ug/l	98
46) Dibromomethane	6.922	93	55075	51.256	ug/l	98
47) Bromodichloromethane	7.108	83	107889	52.918	ug/l	96
48) Methyl methacrylate	6.960	41	84496	52.782	ug/l	96
49) 1,4-Dioxane	6.964	88	45392	1102.586	ug/l #	96
51) 4-Methyl-2-Pentanone	7.793	43	626425	273.030	ug/l	99
52) Toluene	7.970	92	186000	51.838	ug/l	100
53) t-1,3-Dichloropropene	8.214	75	117800	50.275	ug/l	99
54) cis-1,3-Dichloropropene	7.610	75	127884	51.385	ug/l	97
55) 1,1,2-Trichloroethane	8.401	97	79358	53.365	ug/l	98
56) Ethyl methacrylate	8.336	69	124735	46.921	ug/l	98
57) 1,3-Dichloropropane	8.578	76	138520	51.717	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.465	63	298402	217.961	ug/l	99
59) 2-Hexanone	8.684	43	482576	241.974	ug/l	100
60) Dibromochloromethane	8.812	129	82290	53.142	ug/l	99
61) 1,2-Dibromoethane	8.925	107	82981	52.028	ug/l	98
64) Tetrachloroethene	8.555	164	61481	53.807	ug/l	99
65) Chlorobenzene	9.449	112	194751	49.803	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.536	131	71659	51.381	ug/l	98
67) Ethyl Benzene	9.571	91	354569	50.632	ug/l	100
68) m/p-Xylenes	9.697	106	273593	103.594	ug/l	100
69) o-Xylene	10.102	106	133403	51.956	ug/l	100
70) Styrene	10.118	104	228575	52.621	ug/l	99
71) Bromoform	10.295	173	60981	46.432	ug/l #	99
73) Isopropylbenzene	10.488	105	355440	52.992	ug/l	100
74) N-amyl acetate	10.320	43	152510	50.402	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.787	83	136559	51.387	ug/l	100
76) 1,2,3-Trichloropropane	10.828	75	120896m	38.834	ug/l	
77) Bromobenzene	10.783	156	82975	50.951	ug/l	96
78) n-propylbenzene	10.909	91	429949	51.503	ug/l	99
79) 2-Chlorotoluene	10.989	91	253091	51.315	ug/l	98
80) 1,3,5-Trimethylbenzene	11.092	105	306567	52.312	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.549	75	39100	41.675	ug/l	98
82) 4-Chlorotoluene	11.098	91	295353	51.062	ug/l	99
83) tert-Butylbenzene	11.423	119	291829	52.239	ug/l	99
84) 1,2,4-Trimethylbenzene	11.471	105	307035	52.715	ug/l	99
85) sec-Butylbenzene	11.645	105	384929	51.955	ug/l	100
86) p-Isopropyltoluene	11.796	119	316914	51.187	ug/l	99
87) 1,3-Dichlorobenzene	11.748	146	160401	48.816	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	161837	48.698	ug/l	100
89) n-Butylbenzene	12.211	91	294707	49.415	ug/l	99
90) Hexachloroethane	12.478	117	52559	47.059	ug/l	99
91) 1,2-Dichlorobenzene	12.214	146	160889	50.328	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.999	75	31814	50.736	ug/l	96
93) 1,2,4-Trichlorobenzene	13.841	180	105459	47.711	ug/l	98
94) Hexachlorobutadiene	14.024	225	44320	46.451	ug/l	99
95) Naphthalene	14.089	128	398915	48.047	ug/l	100
96) 1,2,3-Trichlorobenzene	14.333	180	110231	50.208	ug/l	99

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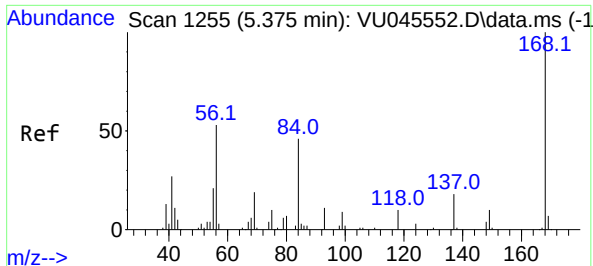
Manual Integrations
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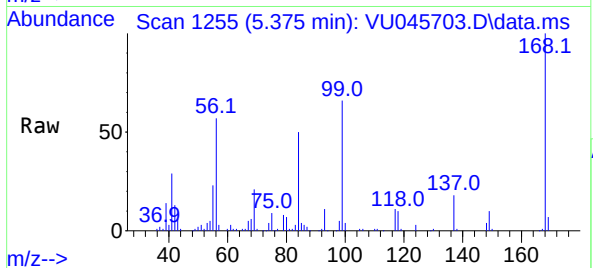
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045703.D
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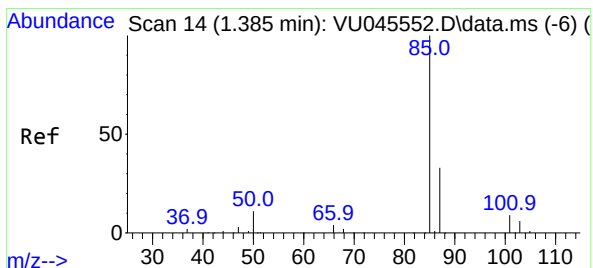
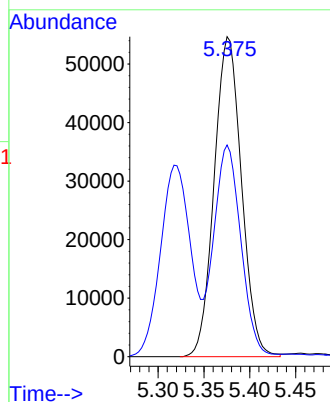
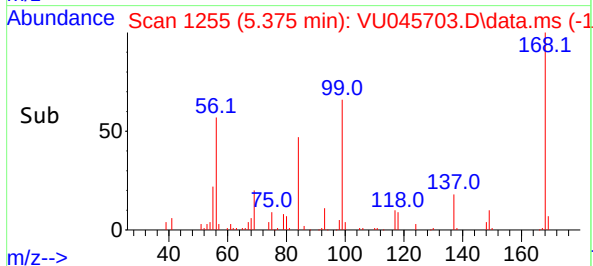
Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion:168 Resp: 113170
Ion Ratio Lower Upper
168 100
99 65.4 51.0 76.6

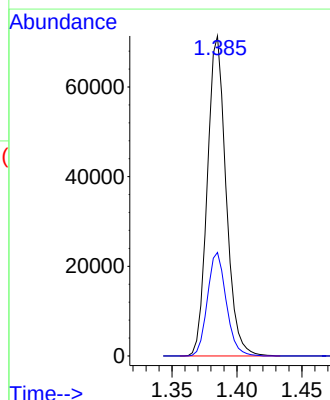
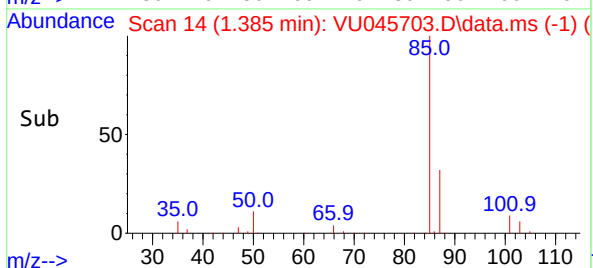
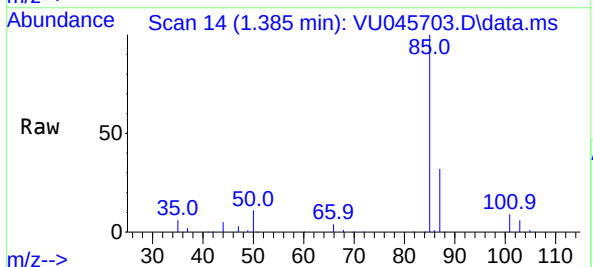
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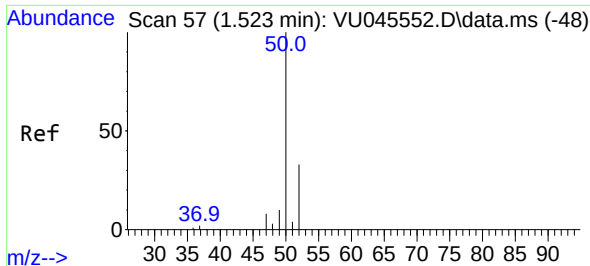
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/15/2021



#2
Dichlorodifluoromethane
Concen: 48.653 ug/l
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU045703.D
Acq: 10 Nov 2021 21:31

Tgt Ion: 85 Resp: 71392
Ion Ratio Lower Upper
85 100
87 32.4 15.9 47.7





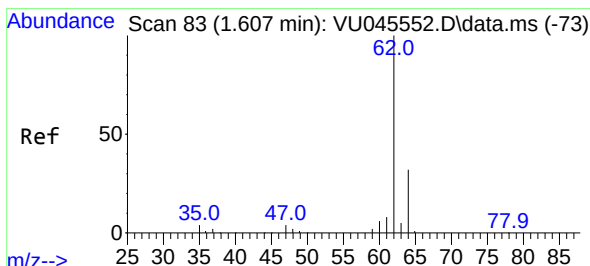
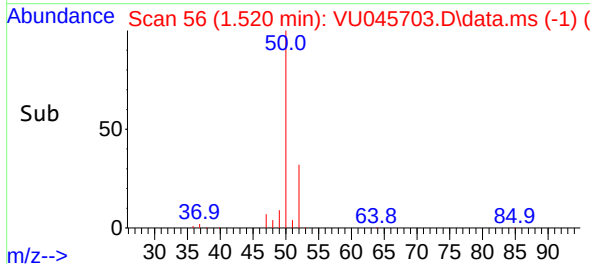
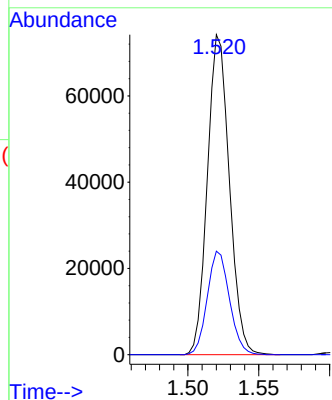
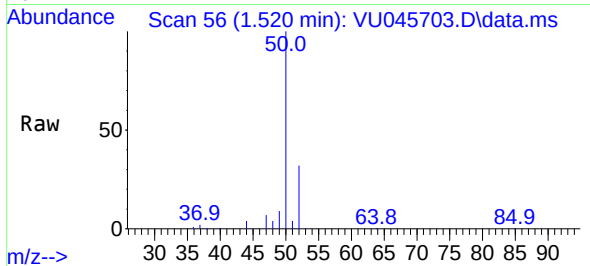
#3
Chloromethane
Concen: 47.661 ug/l
RT: 1.520 min Scan# 50
Delta R.T. -0.003 min
Lab File: VU045703.D
Acq: 10 Nov 2021 21:31

Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 80020
Ion Ratio Lower Upper
50 100
52 32.4 26.6 40.0

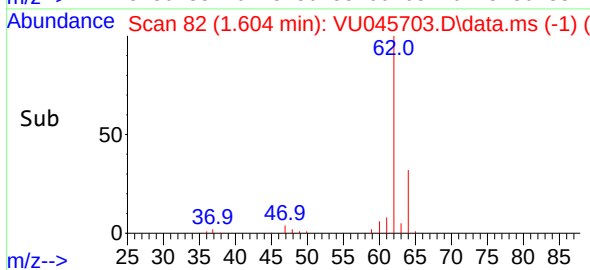
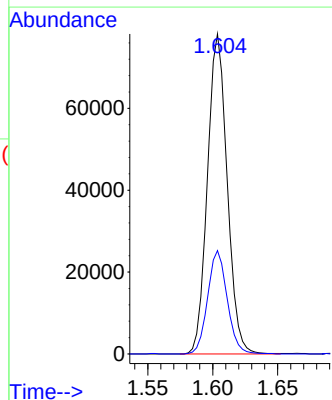
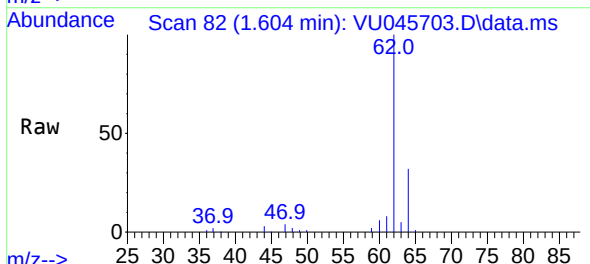
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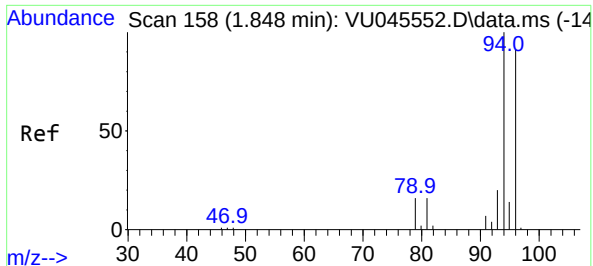
Reviewed By :John Carlone 11/11/2021
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#4
Vinyl Chloride
Concen: 50.502 ug/l
RT: 1.604 min Scan# 82
Delta R.T. -0.003 min
Lab File: VU045703.D
Acq: 10 Nov 2021 21:31

Tgt Ion: 62 Resp: 82596
Ion Ratio Lower Upper
62 100
64 32.3 25.8 38.6





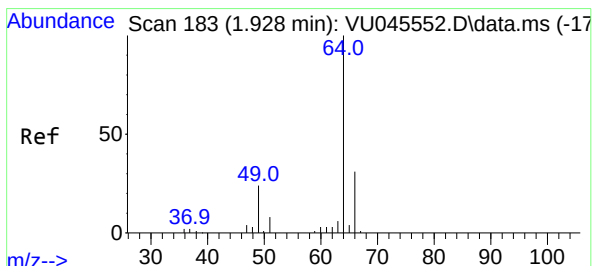
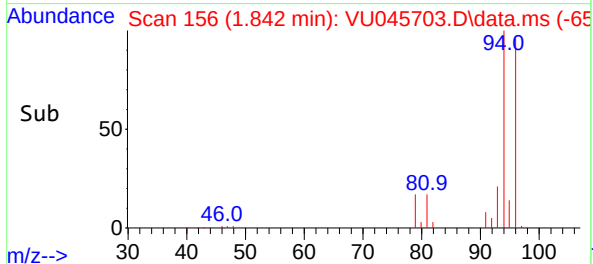
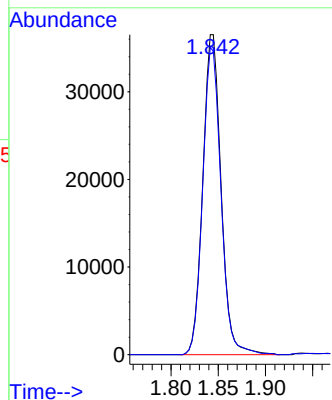
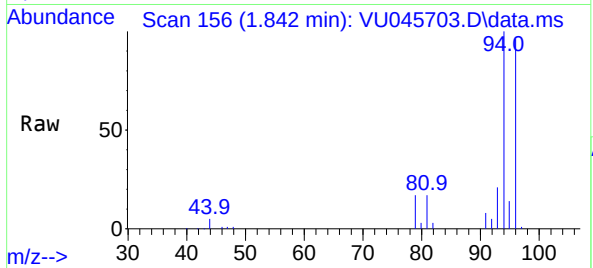
#5
Bromomethane
Concen: 53.814 ug/l
RT: 1.842 min Scan# 11
Delta R.T. -0.006 min
Lab File: VU045703.D
Acq: 10 Nov 2021 21:31

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Tgt Ion: 94 Resp: 4909
Ion Ratio Lower Upper
94 100
96 96.0 75.4 113.2

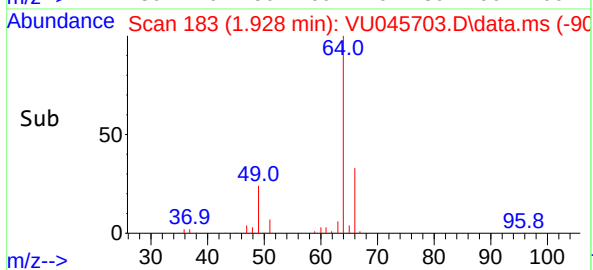
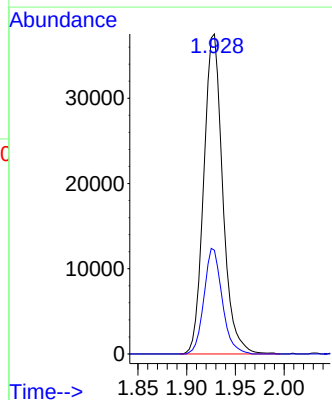
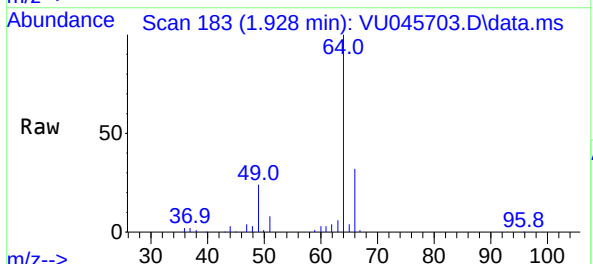
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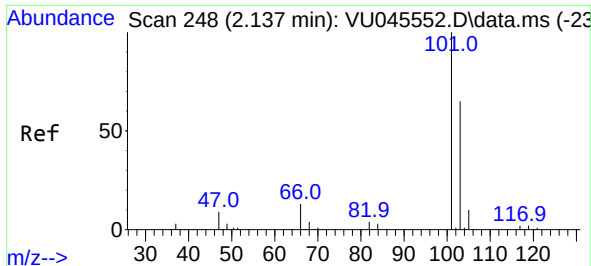
Reviewed By :John Carlone 11/11/2021
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#6
Chloroethane
Concen: 47.612 ug/l
RT: 1.928 min Scan# 183
Delta R.T. -0.000 min
Lab File: VU045703.D
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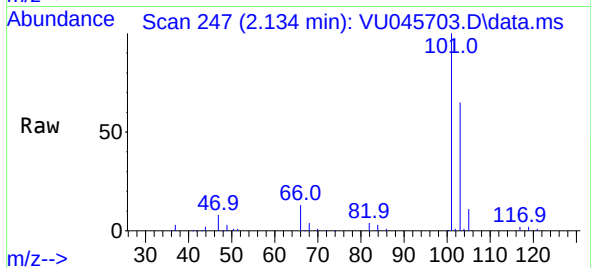
Tgt Ion: 64 Resp: 50819
Ion Ratio Lower Upper
64 100
66 32.4 26.7 40.1





#7
Trichlorofluoromethane
Concen: 50.385 ug/l
RT: 2.134 min Scan# 248
Delta R.T. -0.003 min
Lab File: VU045703.D
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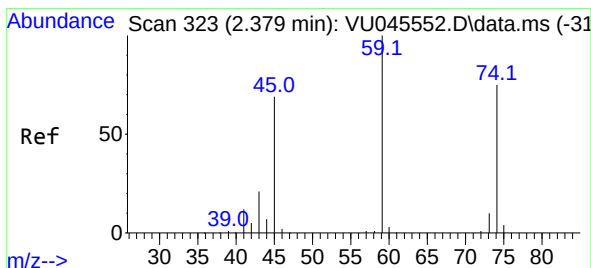
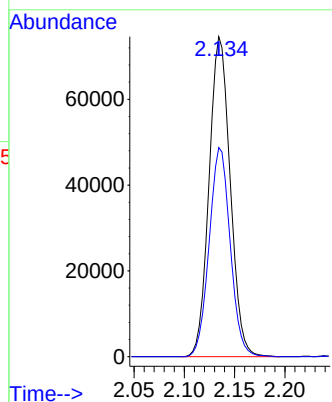
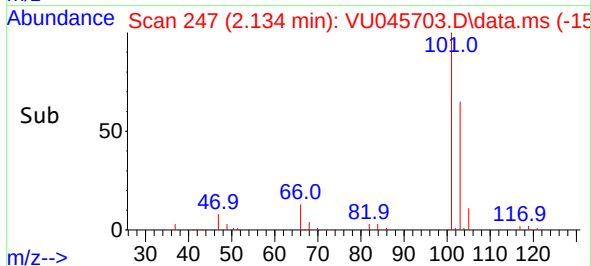
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



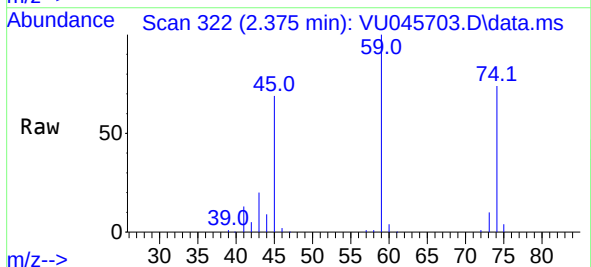
Tgt Ion:101 Resp: 108969
Ion Ratio Lower Upper
101 100
103 65.4 51.4 77.0

Manual Integrations
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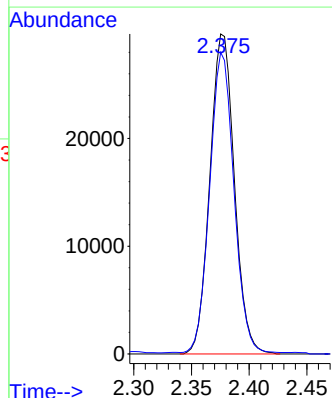
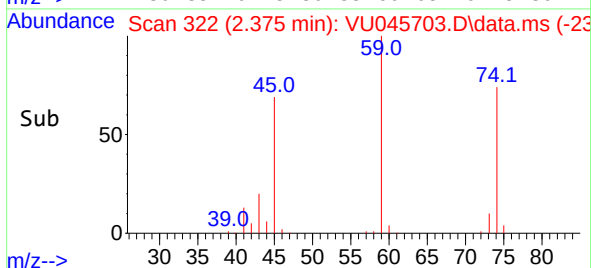
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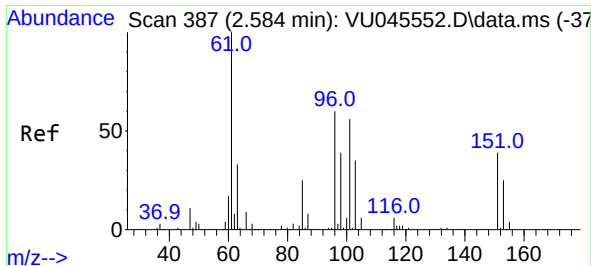


#8
Diethyl Ether
Concen: 51.256 ug/l
RT: 2.375 min Scan# 322
Delta R.T. -0.003 min
Lab File: VU045703.D
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Tgt Ion: 74 Resp: 43880
Ion Ratio Lower Upper
74 100
45 92.5 47.3 141.8





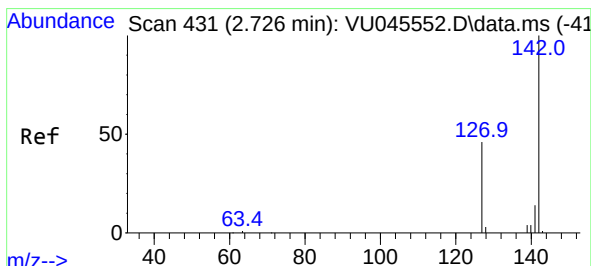
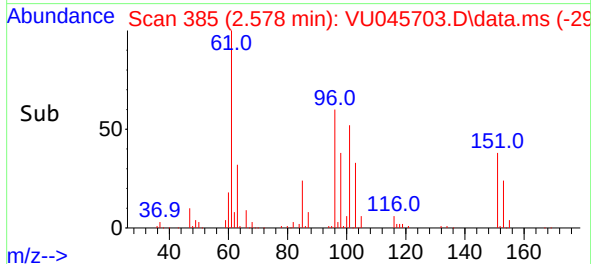
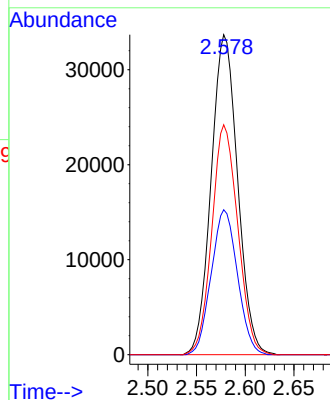
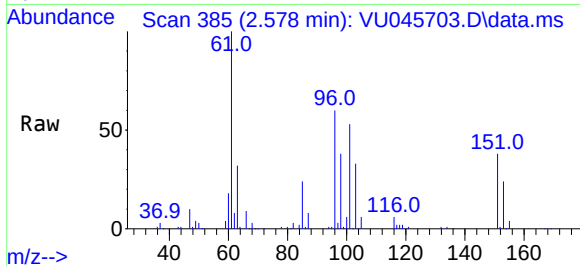
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.344 ug/l
RT: 2.578 min Scan# 387
Delta R.T. -0.006 min
Lab File: VU045703.D
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Tgt Ion:101 Resp: 6357
Ion Ratio Lower Upper
101 100
85 44.9 35.0 52.4
151 70.6 54.6 82.0

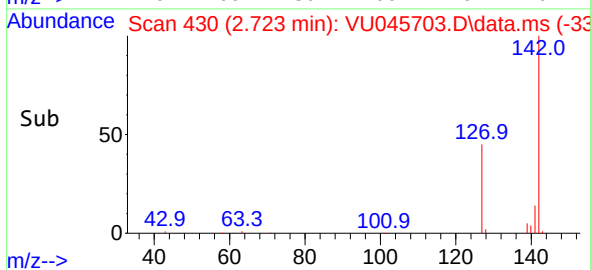
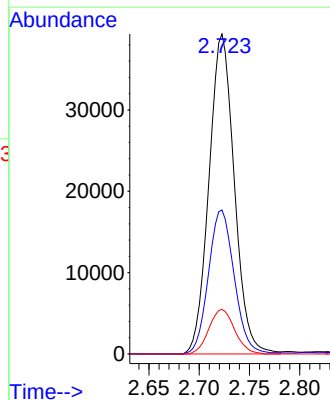
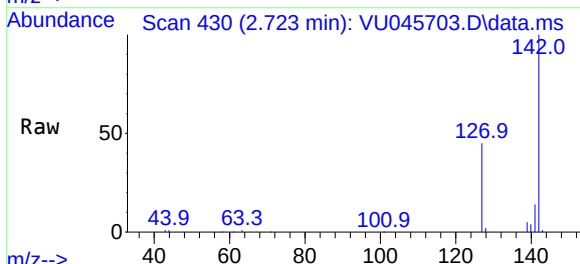
Manual Integrations
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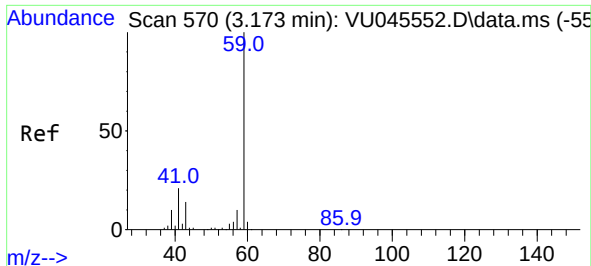
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/15/2021



#10
Methyl Iodide
Concen: 41.708 ug/l
RT: 2.723 min Scan# 430
Delta R.T. -0.003 min
Lab File: VU045703.D
Acq: 10 Nov 2021 21:31

Tgt Ion:142 Resp: 68927
Ion Ratio Lower Upper
142 100
127 45.9 32.2 48.2
141 14.2 11.3 16.9





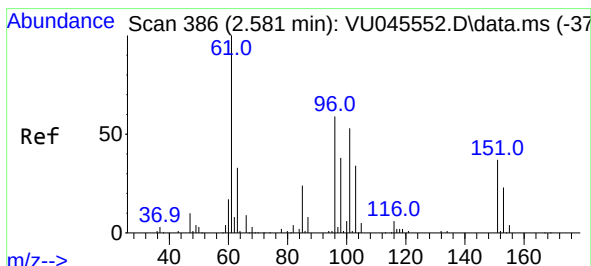
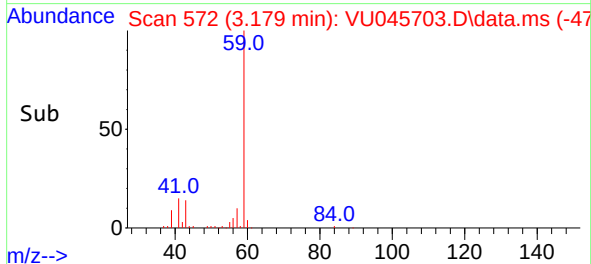
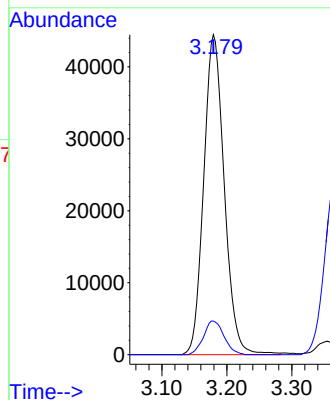
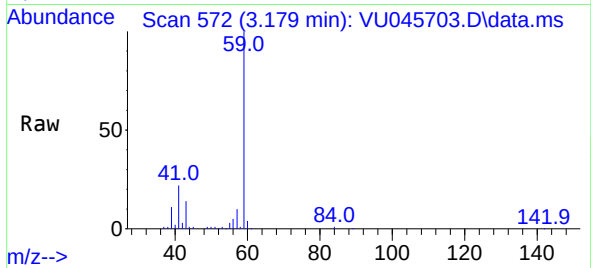
#11
Tert butyl alcohol
Concen: 291.702 ug/l
RT: 3.179 min Scan# 51
Delta R.T. 0.006 min
Lab File: VU045703.D
Acq: 10 Nov 2021 21:31

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 9786
Ion Ratio Lower Upper
59 100
57 10.5 8.3 12.5

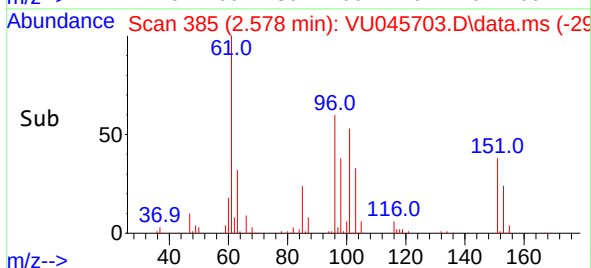
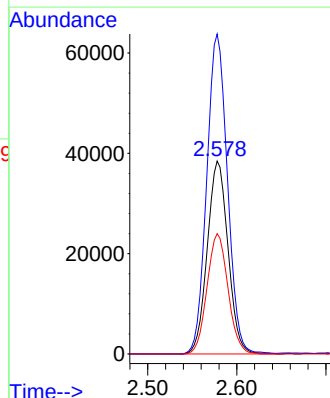
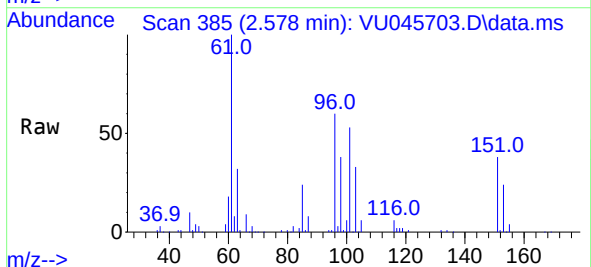
Manual Integrations
APPROVED

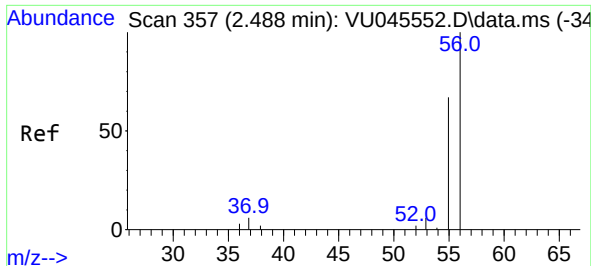
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/15/2021



#12
1,1-Dichloroethene
Concen: 50.026 ug/l
RT: 2.578 min Scan# 385
Delta R.T. -0.003 min
Lab File: VU045703.D
Acq: 10 Nov 2021 21:31

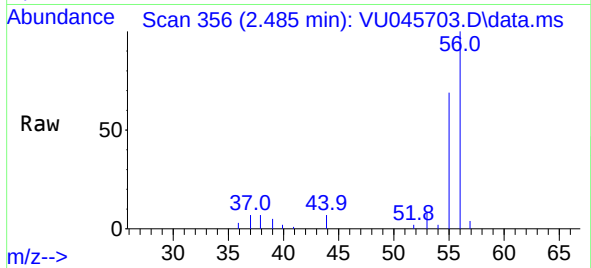
Tgt Ion: 96 Resp: 62289
Ion Ratio Lower Upper
96 100
61 165.9 137.1 205.7
98 62.4 51.5 77.3





#13
Acrolein
Concen: 277.728 ug/l
RT: 2.485 min Scan# 357
Delta R.T. -0.003 min
Lab File: VU045703.D
Acq: 10 Nov 2021 21:31

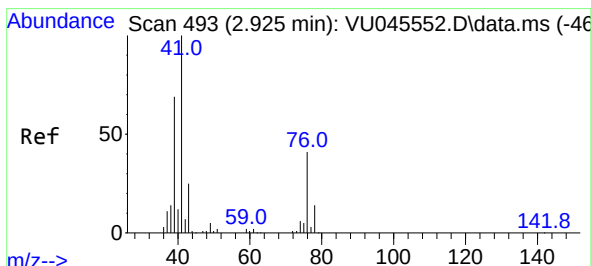
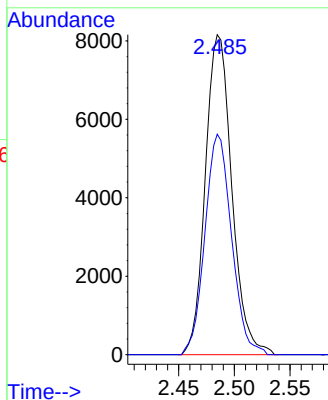
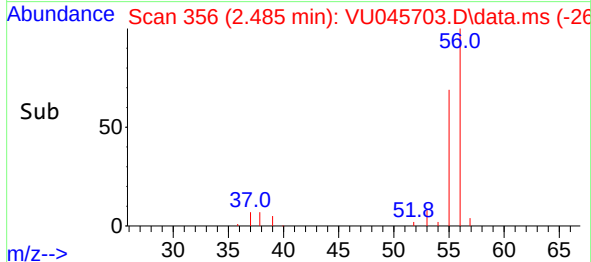
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



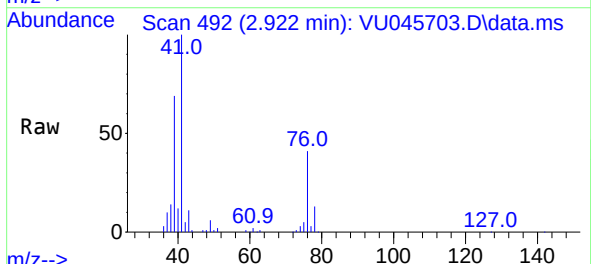
Tgt Ion: 56 Resp: 13502
Ion Ratio Lower Upper
56 100
55 69.3 56.3 84.5

Manual Integrations
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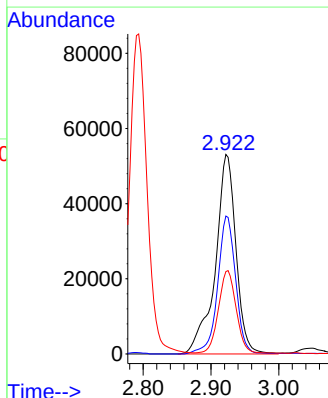
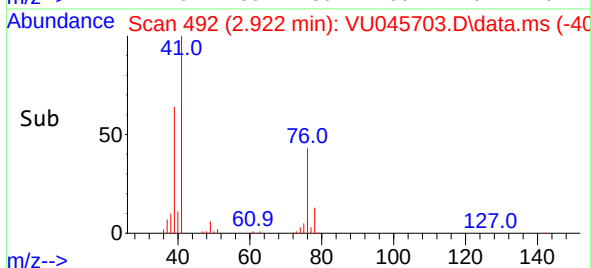
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/15/2021

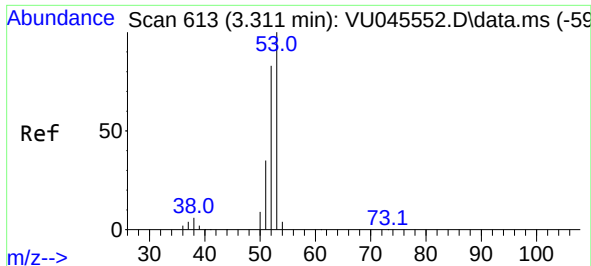


#14
Allyl chloride
Concen: 50.674 ug/l
RT: 2.922 min Scan# 492
Delta R.T. -0.003 min
Lab File: VU045703.D
Acq: 10 Nov 2021 21:31



Tgt Ion: 41 Resp: 112662
Ion Ratio Lower Upper
41 100
39 60.1 49.7 74.5
76 35.6 27.7 41.5





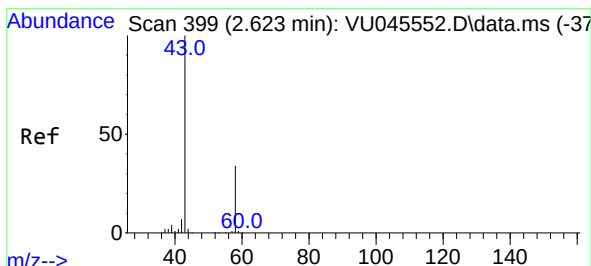
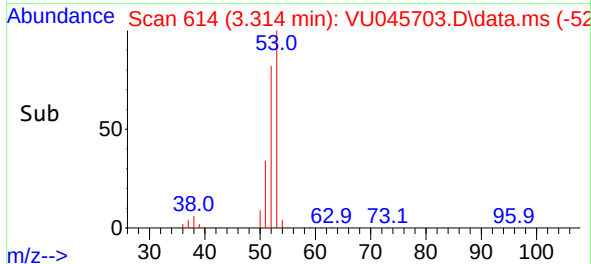
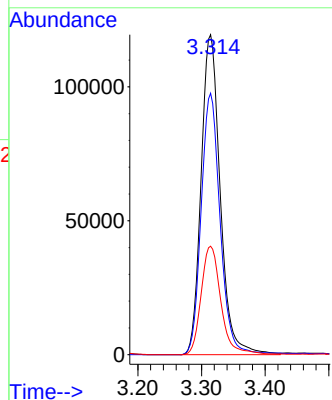
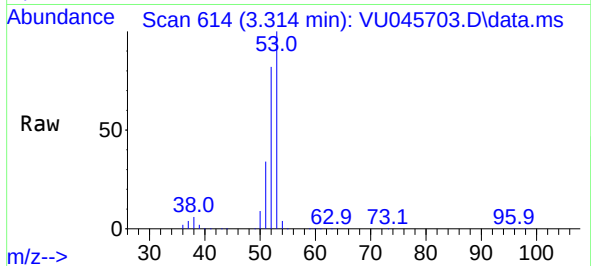
#15
Acrylonitrile
Concen: 278.597 ug/l
RT: 3.314 min Scan# 613
Delta R.T. 0.003 min
Lab File: VU045703.D
Acq: 10 Nov 2021 21:31

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 53 Resp: 24954
Ion Ratio Lower Upper
53 100
52 81.1 66.6 100.0
51 35.2 28.4 42.6

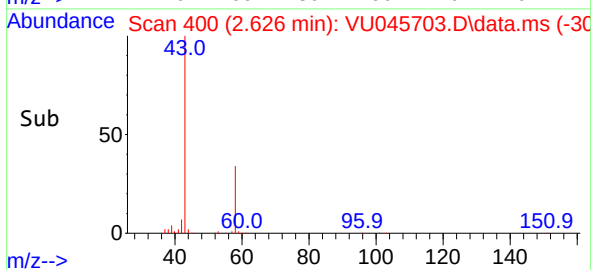
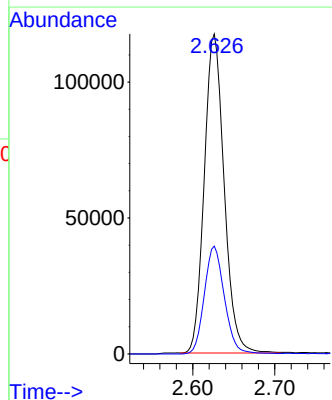
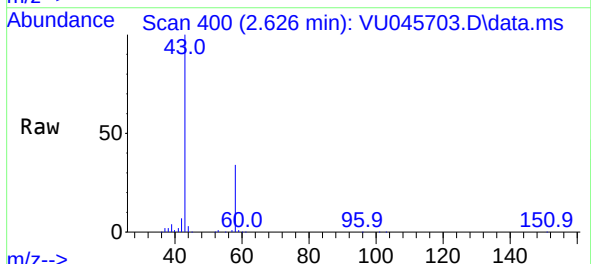
Manual Integrations
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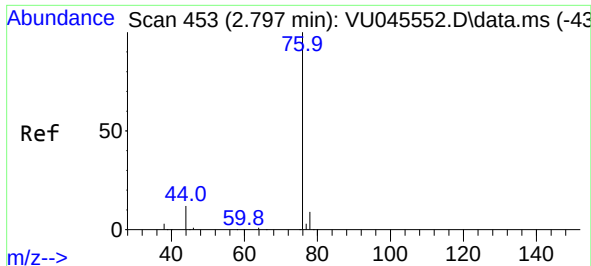
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/15/2021



#16
Acetone
Concen: 228.640 ug/l
RT: 2.626 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU045703.D
Acq: 10 Nov 2021 21:31

Tgt Ion: 43 Resp: 197272
Ion Ratio Lower Upper
43 100
58 33.8 26.2 39.2





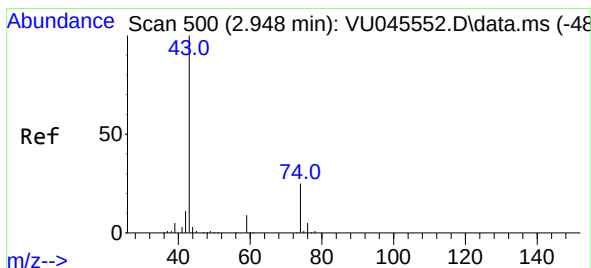
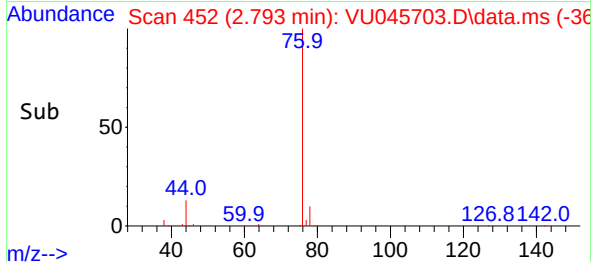
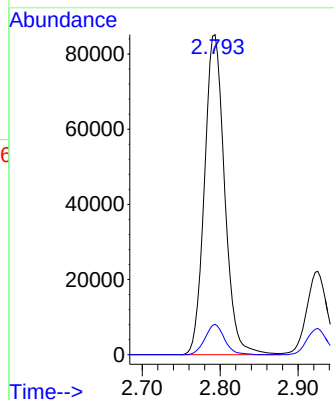
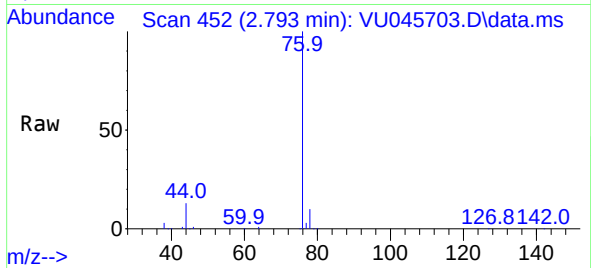
#17
Carbon Disulfide
Concen: 43.860 ug/l
RT: 2.793 min Scan# 41
Delta R.T. -0.003 min
Lab File: VU045703.D
Acq: 10 Nov 2021 21:31

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 152960
Ion Ratio Lower Upper
76 100
78 9.5 7.3 10.9

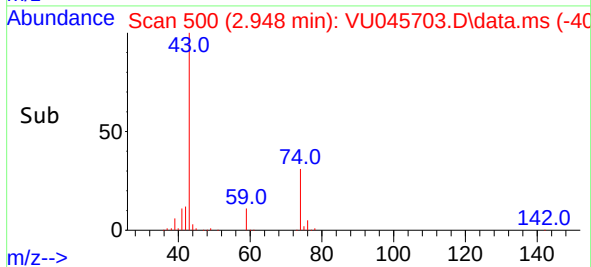
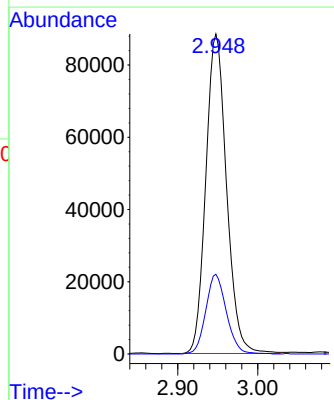
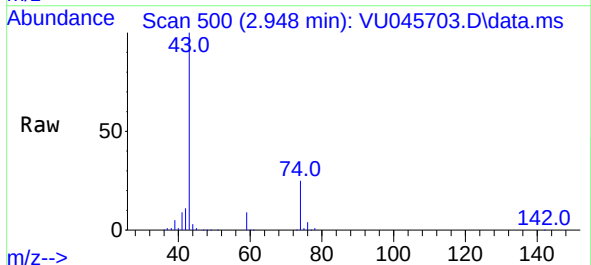
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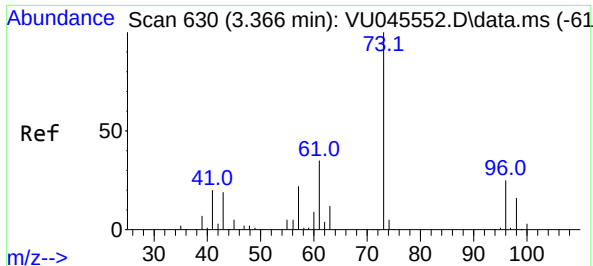
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/15/2021



#18
Methyl Acetate
Concen: 54.238 ug/l
RT: 2.948 min Scan# 500
Delta R.T. -0.000 min
Lab File: VU045703.D
Acq: 10 Nov 2021 21:31

Tgt Ion: 43 Resp: 159391
Ion Ratio Lower Upper
43 100
74 24.8 20.2 30.2





#19

Methyl tert-butyl Ether

Concen: 53.420 ug/l

RT: 3.366 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU045703.D

Acq: 10 Nov 2021 21:31

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 73 Resp: 23942

Ion Ratio Lower Upper

73 100

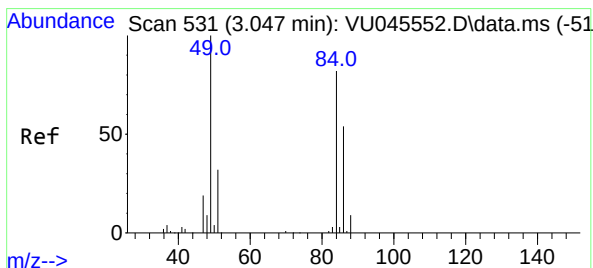
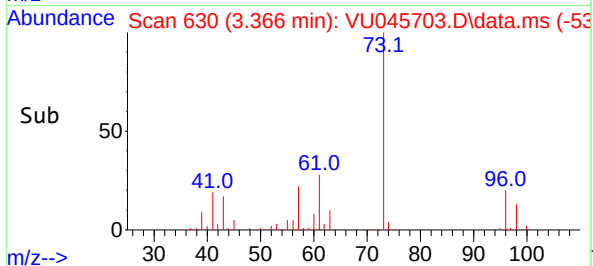
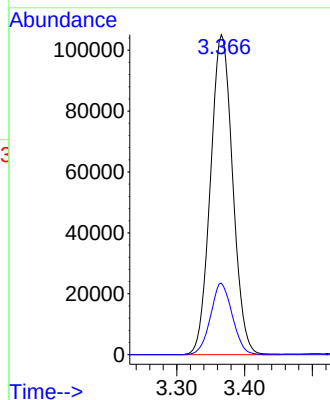
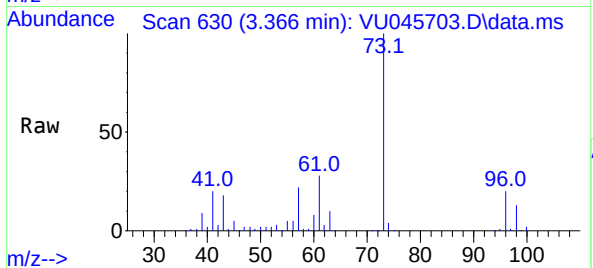
57 22.3 18.1 27.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2021

Supervised By :Mahesh Dadoda 11/15/2021



#20

Methylene Chloride

Concen: 50.810 ug/l

RT: 3.047 min Scan# 531

Delta R.T. -0.000 min

Lab File: VU045703.D

Acq: 10 Nov 2021 21:31

Tgt Ion: 84 Resp: 76175

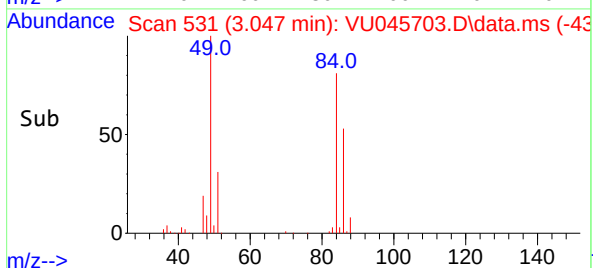
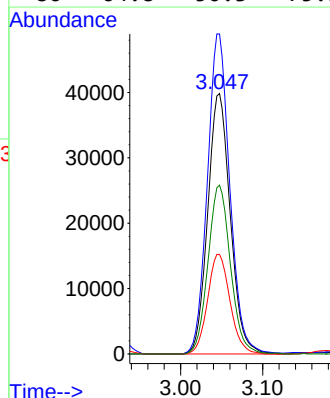
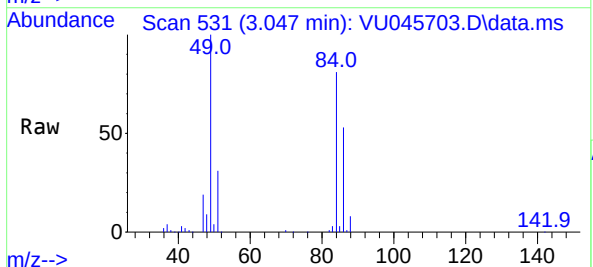
Ion Ratio Lower Upper

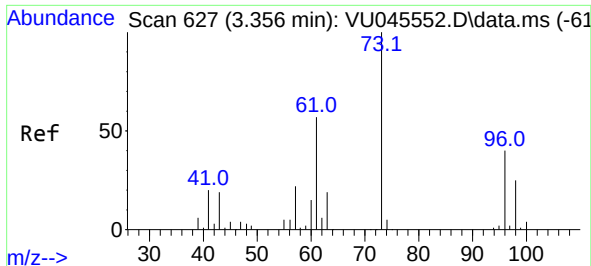
84 100

49 122.9 96.4 144.6

51 38.2 30.5 45.7

86 64.8 50.3 75.5





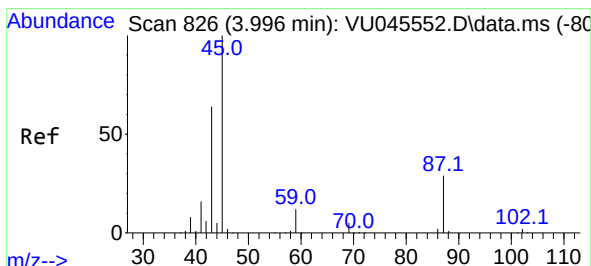
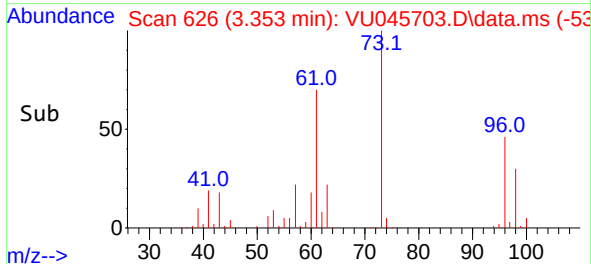
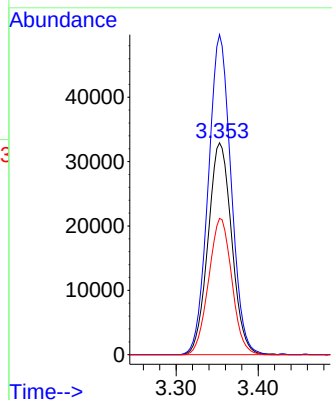
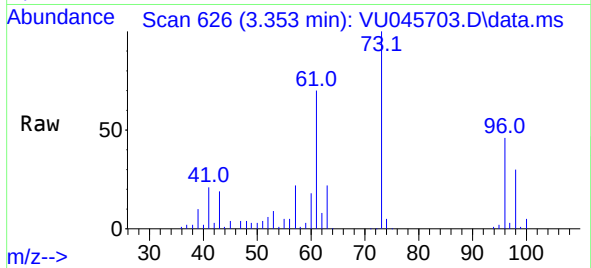
#21
trans-1,2-Dichloroethene
Concen: 50.921 ug/l
RT: 3.353 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU045703.D
Acq: 10 Nov 2021 21:31

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 6596
Ion Ratio Lower Upper
96 100
61 151.0 118.2 177.4
98 64.3 52.1 78.1

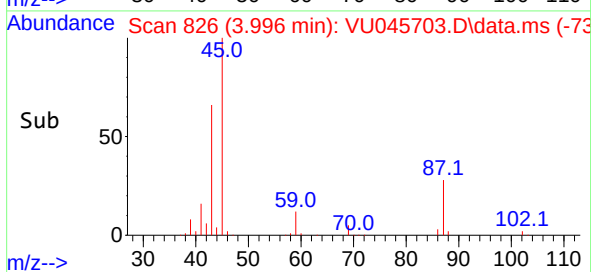
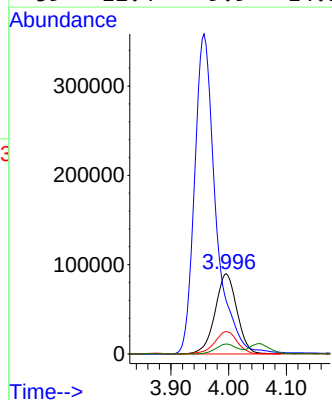
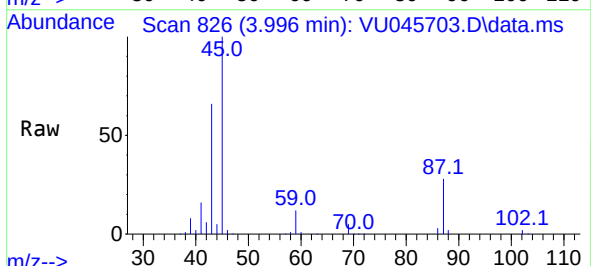
Manual Integrations
APPROVED

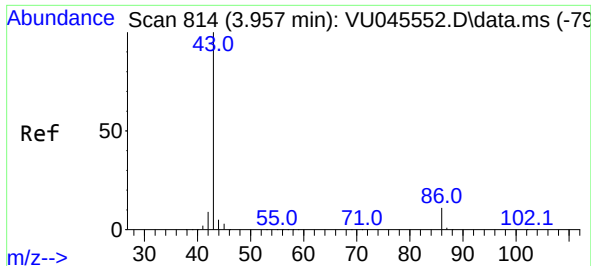
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/15/2021



#22
Diisopropyl ether
Concen: 54.309 ug/l
RT: 3.996 min Scan# 826
Delta R.T. -0.000 min
Lab File: VU045703.D
Acq: 10 Nov 2021 21:31

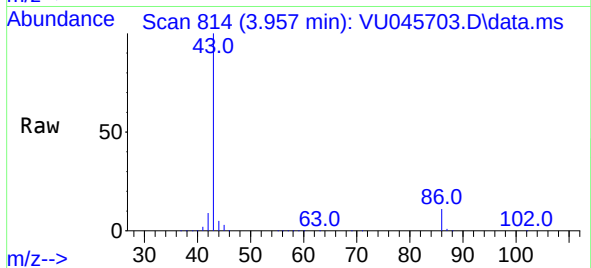
Tgt Ion: 45 Resp: 237081
Ion Ratio Lower Upper
45 100
43 63.6 60.0 90.0
87 27.8 22.3 33.5
59 12.4 9.9 14.9





#23
 Vinyl Acetate
 Concen: 272.570 ug/l
 RT: 3.957 min Scan# 814
 Delta R.T. -0.000 min
 Lab File: VU045703.D
 Acq: 10 Nov 2021 21:31

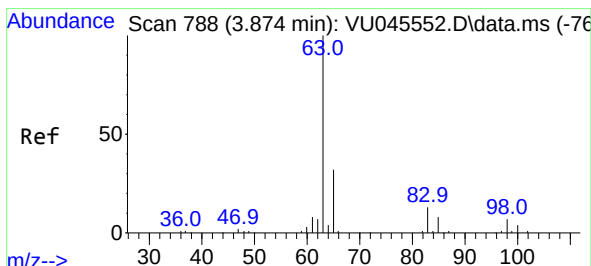
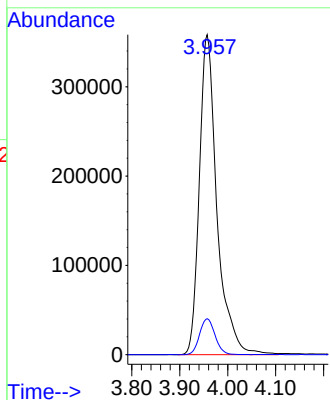
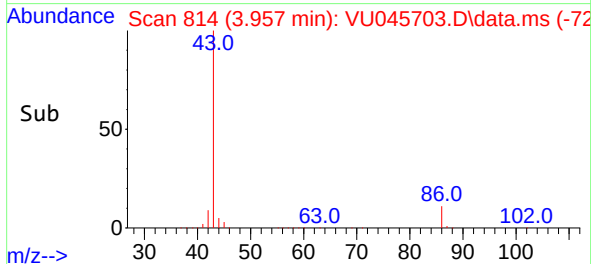
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050



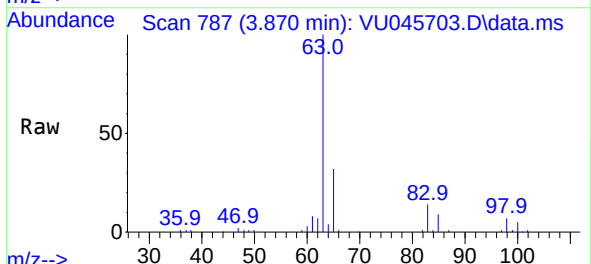
Tgt Ion: 43 Resp: 91515
 Ion Ratio Lower Upper
 43 100
 86 11.3 8.9 13.3

Manual Integrations
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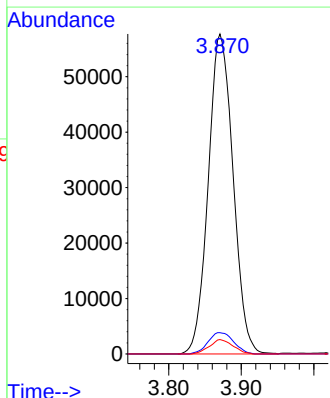
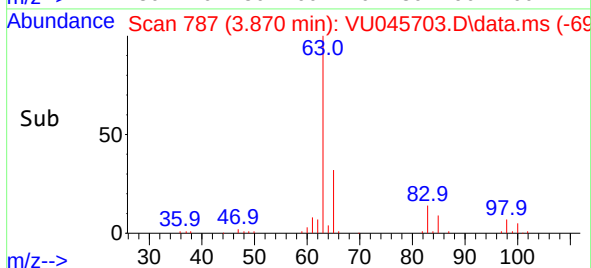
Reviewed By :John Carlone 11/11/2021
 Supervised By :Mahesh Dadoda 11/15/2021

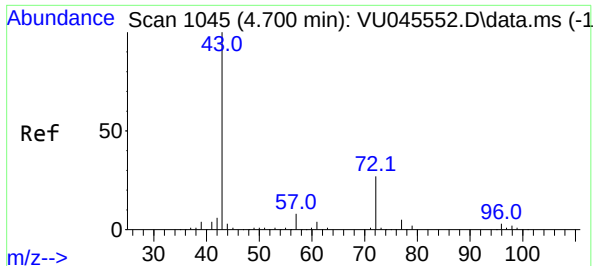


#24
 1,1-Dichloroethane
 Concen: 52.709 ug/l
 RT: 3.870 min Scan# 787
 Delta R.T. -0.003 min
 Lab File: VU045703.D
 Acq: 10 Nov 2021 21:31



Tgt Ion: 63 Resp: 137117
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.5 10.6
 100 4.5 2.4 7.2





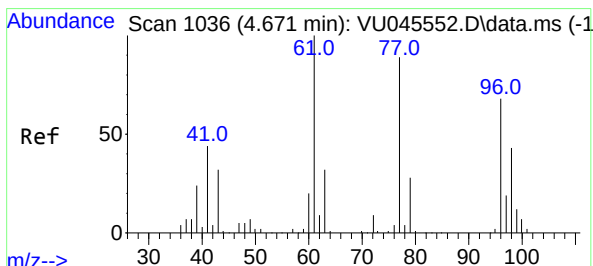
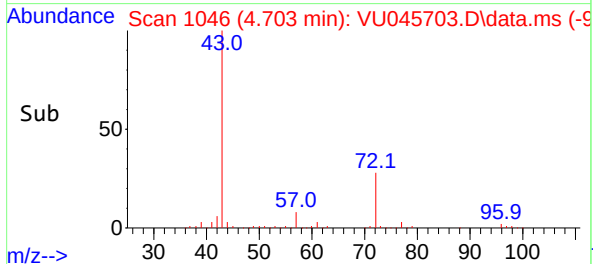
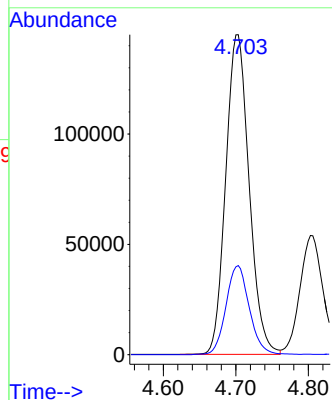
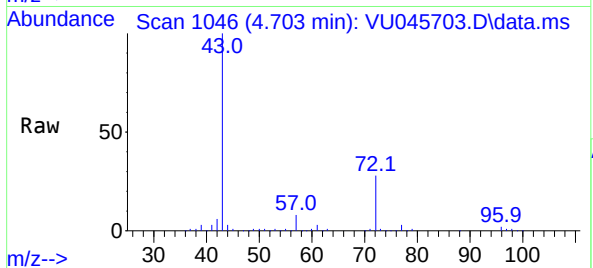
#25
2-Butanone
Concen: 271.137 ug/l
RT: 4.703 min Scan# 1046
Delta R.T. 0.003 min
Lab File: VU045703.D
Acq: 10 Nov 2021 21:31

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 32446
Ion Ratio Lower Upper
43 100
72 27.9 22.0 33.0

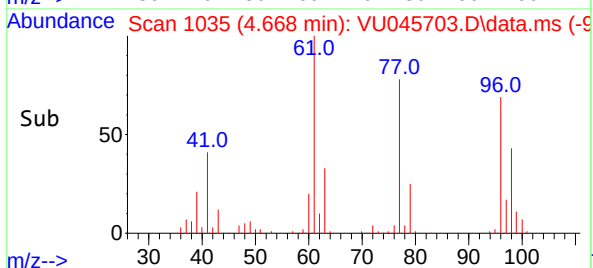
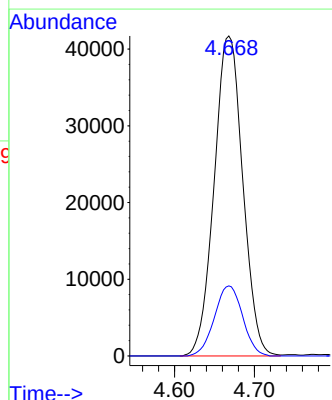
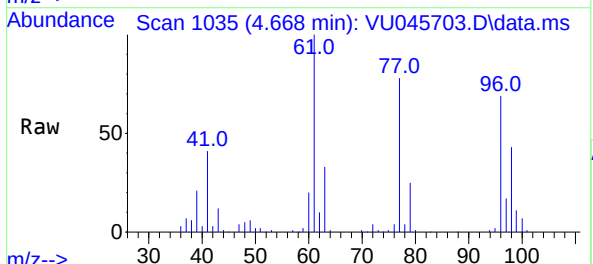
Manual Integrations
APPROVED

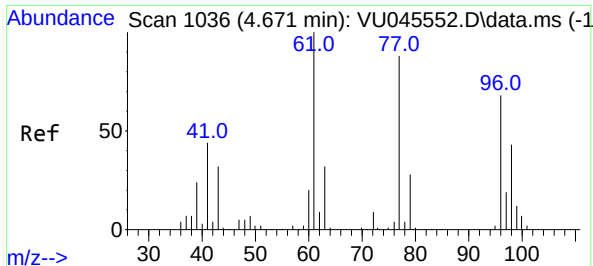
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/15/2021



#26
2,2-Dichloropropane
Concen: 48.040 ug/l
RT: 4.668 min Scan# 1035
Delta R.T. -0.003 min
Lab File: VU045703.D
Acq: 10 Nov 2021 21:31

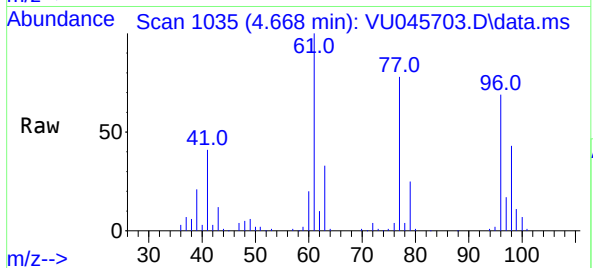
Tgt Ion: 77 Resp: 103557
Ion Ratio Lower Upper
77 100
97 21.6 11.4 34.1





#27
 cis-1,2-Dichloroethene
 Concen: 53.045 ug/l
 RT: 4.668 min Scan# 1035
 Delta R.T. -0.003 min
 Lab File: VU045703.D
 Acq: 10 Nov 2021 21:31

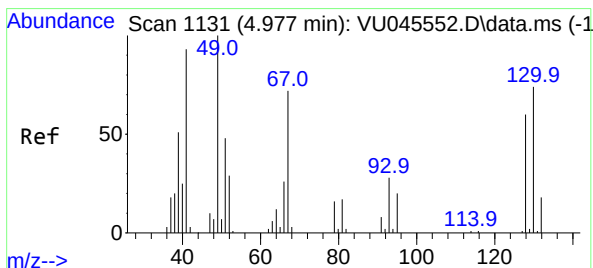
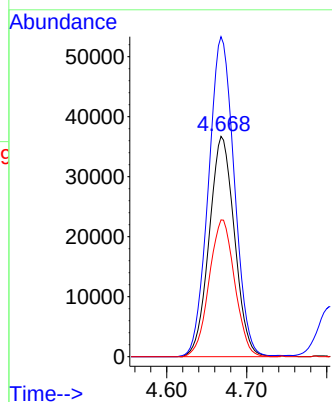
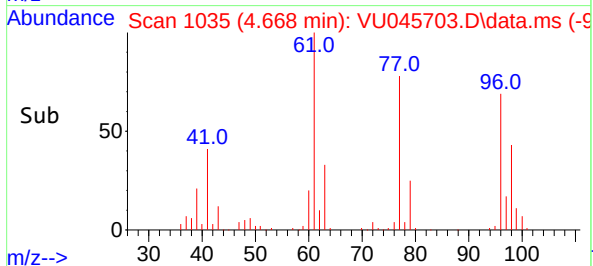
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050



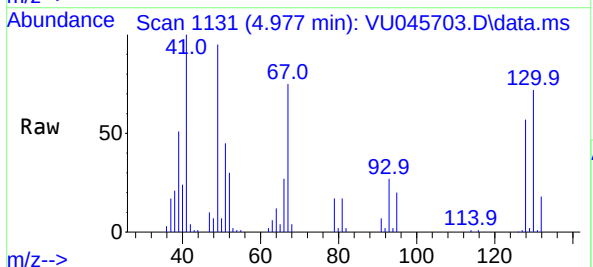
Tgt Ion: 96 Resp: 80700
 Ion Ratio Lower Upper
 96 100
 61 148.2 0.0 299.2
 98 62.8 0.0 127.6

Manual Integrations
 APPROVED

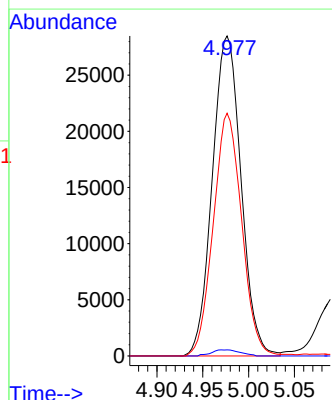
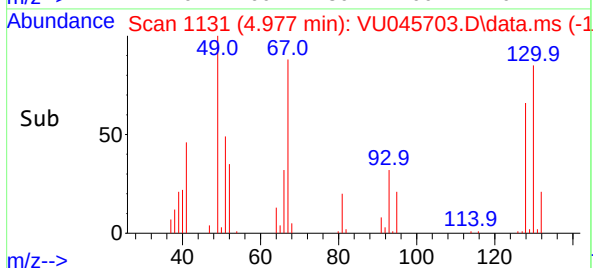
Reviewed By :John Carlone 11/11/2021
 Supervised By :Mahesh Dadoda 11/15/2021

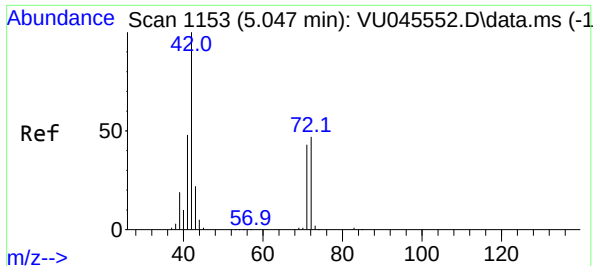


#28
 Bromochloromethane
 Concen: 50.116 ug/l
 RT: 4.977 min Scan# 1131
 Delta R.T. -0.000 min
 Lab File: VU045703.D
 Acq: 10 Nov 2021 21:31



Tgt Ion: 49 Resp: 62154
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.4
 130 74.7 57.5 86.3





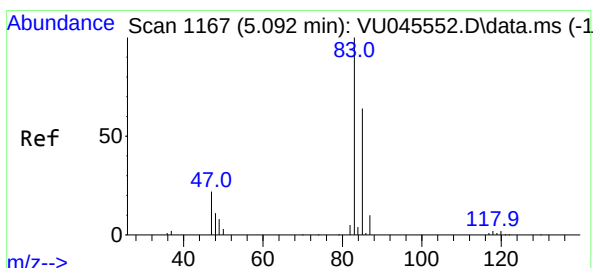
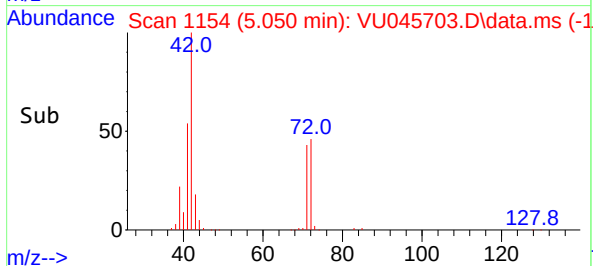
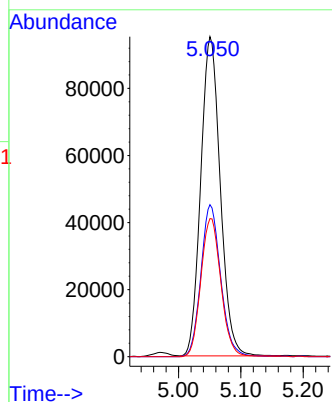
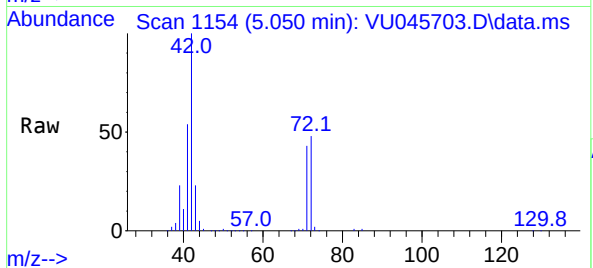
#29
Tetrahydrofuran
Concen: 282.855 ug/l
RT: 5.050 min Scan# 1154
Delta R.T. 0.003 min
Lab File: VU045703.D
Acq: 10 Nov 2021 21:31

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 20704
Ion Ratio Lower Upper
42 100
72 48.1 38.2 57.4
71 44.2 35.4 53.2

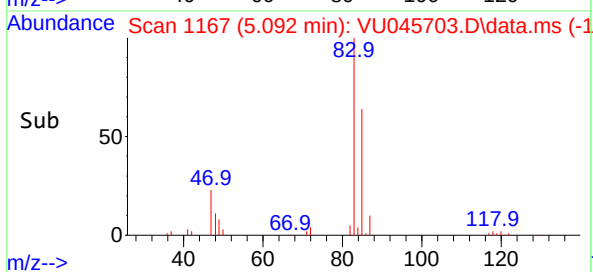
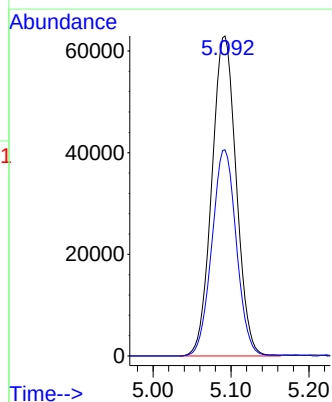
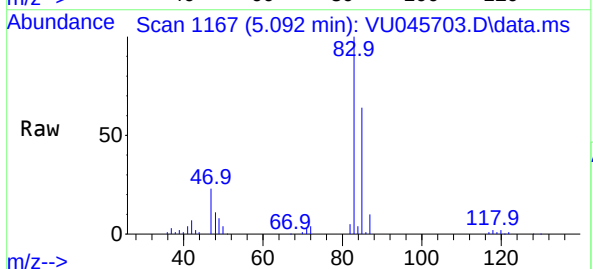
Manual Integrations
APPROVED

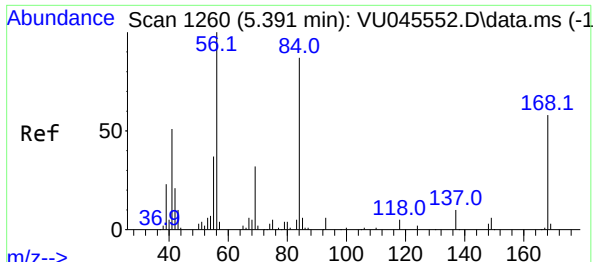
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/15/2021



#30
Chloroform
Concen: 53.309 ug/l
RT: 5.092 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VU045703.D
Acq: 10 Nov 2021 21:31

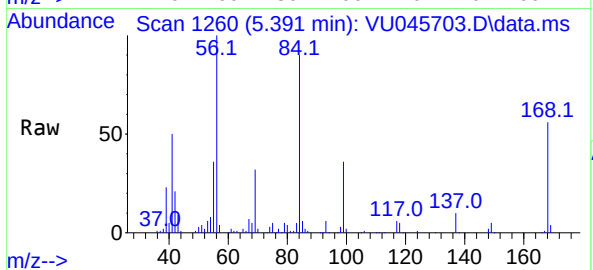
Tgt Ion: 83 Resp: 137151
Ion Ratio Lower Upper
83 100
85 64.5 52.0 78.0





#31
Cyclohexane
Concen: 47.114 ug/l
RT: 5.391 min Scan# 11651
Delta R.T. -0.000 min
Lab File: VU045703.D
Acq: 10 Nov 2021 21:31

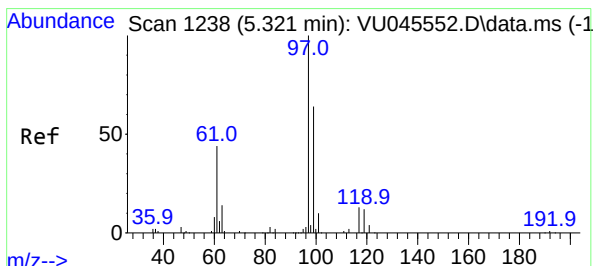
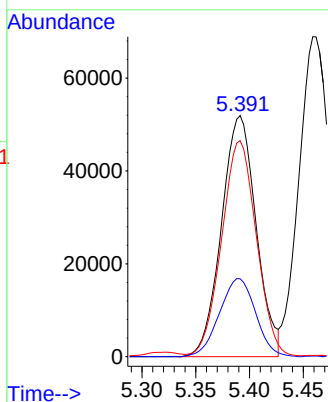
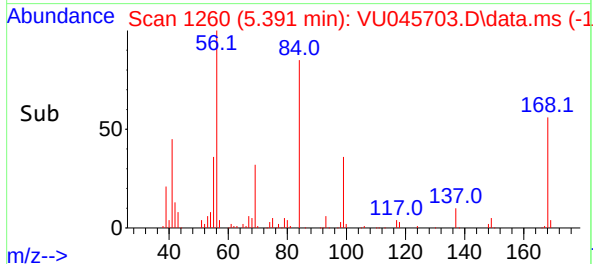
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



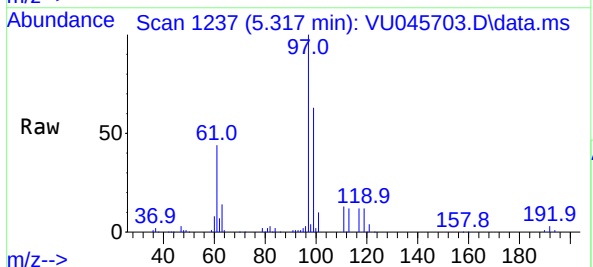
Tgt Ion: 56 Resp: 11651
Ion Ratio Lower Upper
56 100
69 32.3 26.4 39.6
84 88.3 68.4 102.6

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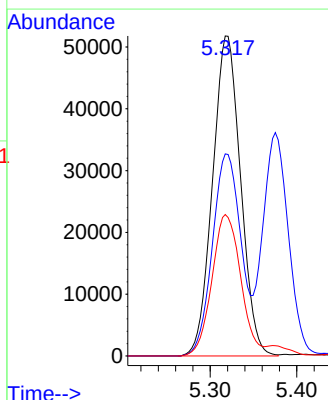
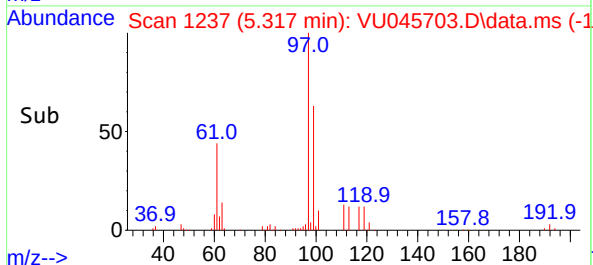
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/15/2021

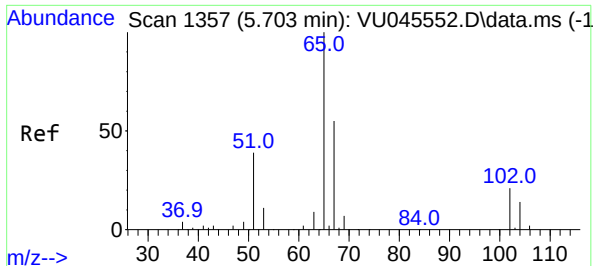


#32
1,1,1-Trichloroethane
Concen: 53.069 ug/l
RT: 5.317 min Scan# 1237
Delta R.T. -0.003 min
Lab File: VU045703.D
Acq: 10 Nov 2021 21:31



Tgt Ion: 97 Resp: 116432
Ion Ratio Lower Upper
97 100
99 63.6 50.8 76.2
61 45.5 38.3 57.5





#33

1,2-Dichloroethane-d4

Concen: 53.294 ug/l

RT: 5.706 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU045703.D

Acq: 10 Nov 2021 21:31

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 90330

Ion Ratio Lower Upper

65 100

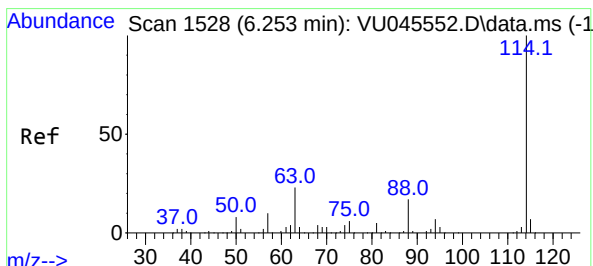
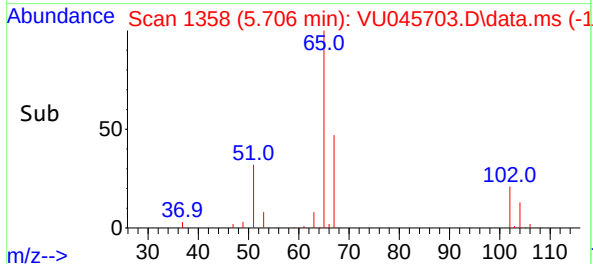
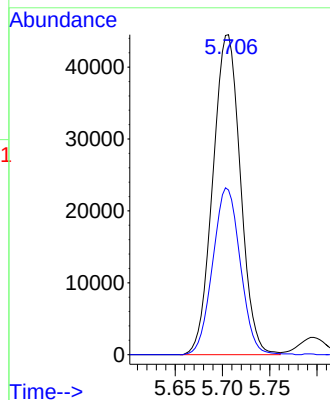
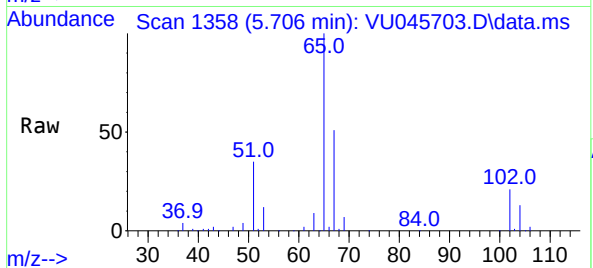
67 52.2 0.0 105.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2021

Supervised By :Mahesh Dadoda 11/15/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 1527

Delta R.T. -0.003 min

Lab File: VU045703.D

Acq: 10 Nov 2021 21:31

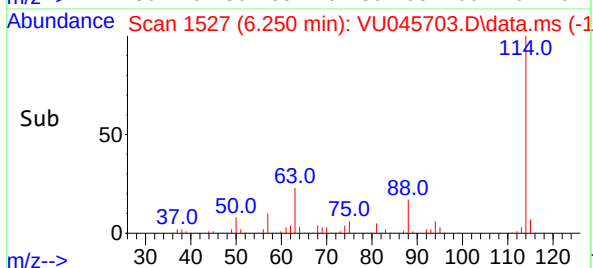
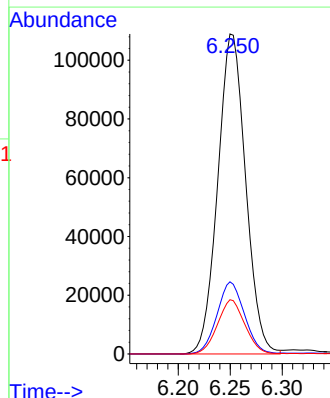
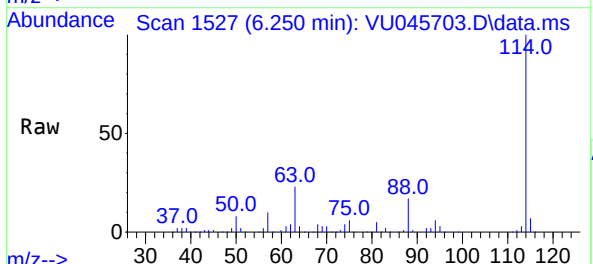
Tgt Ion:114 Resp: 203016

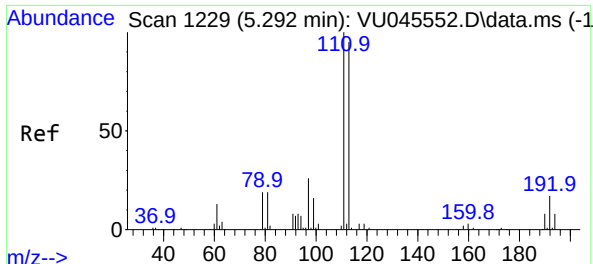
Ion Ratio Lower Upper

114 100

63 22.5 0.0 45.6

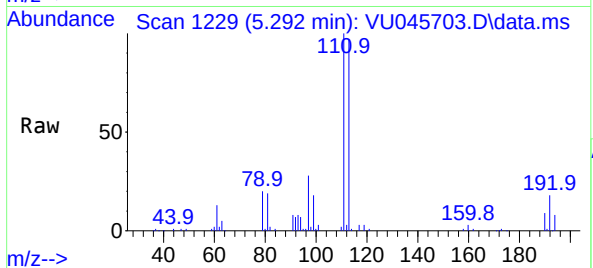
88 17.0 0.0 33.8





#35
Dibromofluoromethane
Concen: 51.033 ug/l
RT: 5.292 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU045703.D
Acq: 10 Nov 2021 21:31

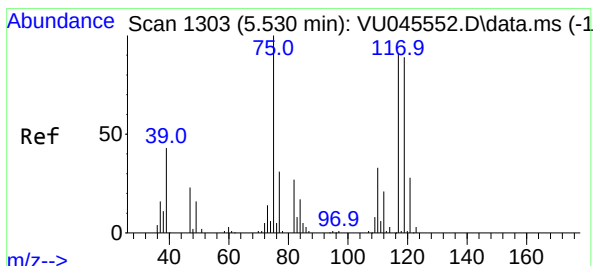
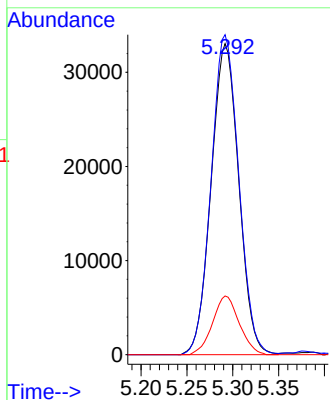
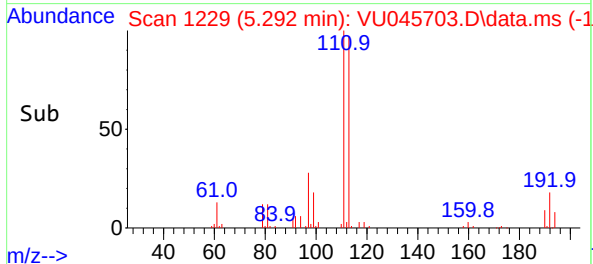
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



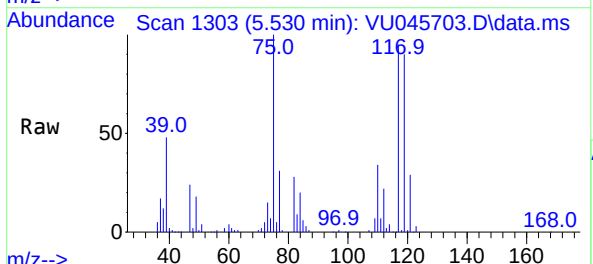
Tgt Ion:113 Resp: 6917
Ion Ratio Lower Upper
113 100
111 103.0 82.8 124.2
192 18.3 14.8 22.2

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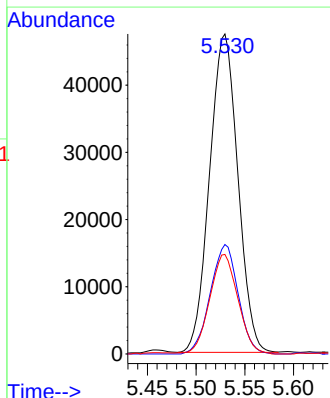
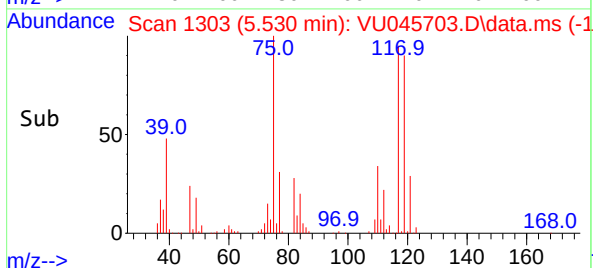
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/15/2021

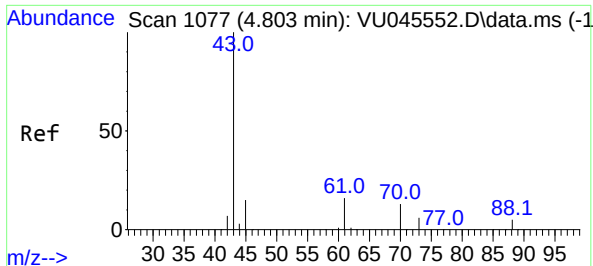


#36
1,1-Dichloropropene
Concen: 48.342 ug/l
RT: 5.530 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VU045703.D
Acq: 10 Nov 2021 21:31



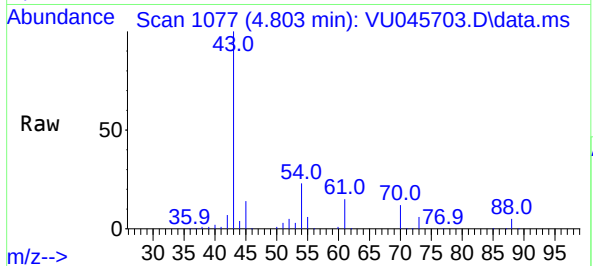
Tgt Ion: 75 Resp: 95695
Ion Ratio Lower Upper
75 100
110 33.8 16.7 50.0
77 31.2 25.0 37.4





#37
Ethyl Acetate
Concen: 52.517 ug/l
RT: 4.803 min Scan# 1077
Delta R.T. -0.000 min
Lab File: VU045703.D
Acq: 10 Nov 2021 21:31

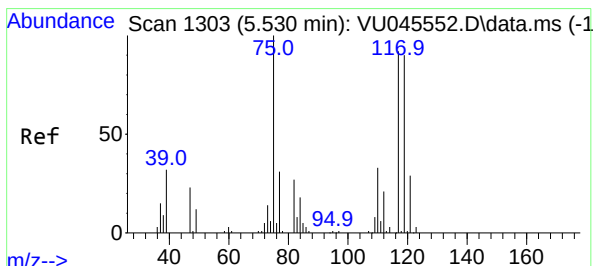
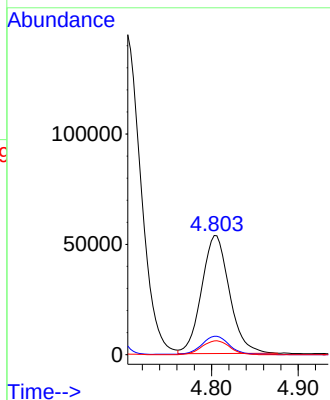
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 119420
Ion Ratio Lower Upper
43 100
61 15.7 11.6 17.4
70 11.8 9.1 13.7

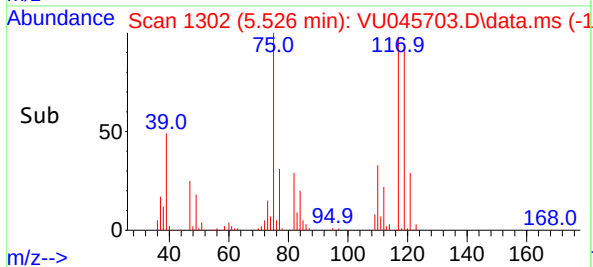
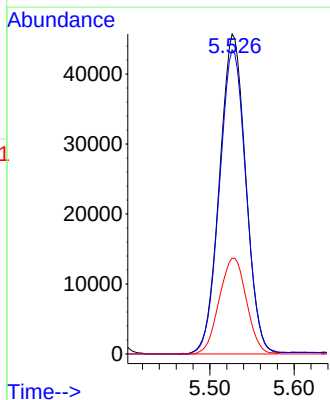
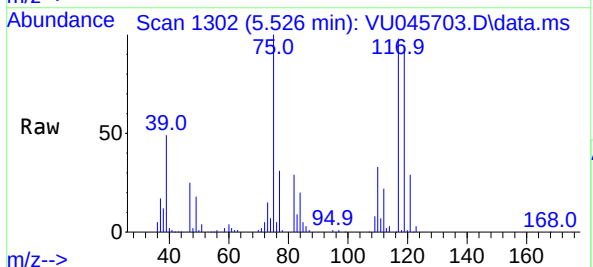
Manual Integrations
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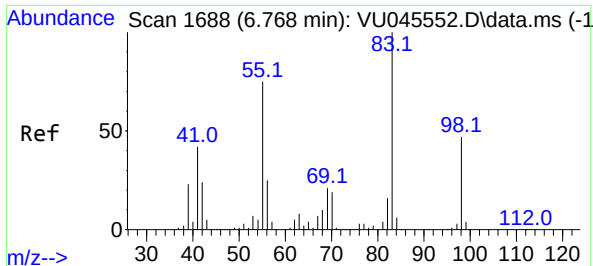
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/15/2021



#38
Carbon Tetrachloride
Concen: 49.505 ug/l
RT: 5.526 min Scan# 1302
Delta R.T. -0.003 min
Lab File: VU045703.D
Acq: 10 Nov 2021 21:31

Tgt Ion:117 Resp: 98799
Ion Ratio Lower Upper
117 100
119 95.0 77.4 116.0
121 30.0 24.8 37.2





#39

Methylcyclohexane

Concen: 47.614 ug/l

RT: 6.764 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU045703.D

Acq: 10 Nov 2021 21:31

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 11563

Ion Ratio Lower Upper

83 100

55 73.7 63.6 95.4

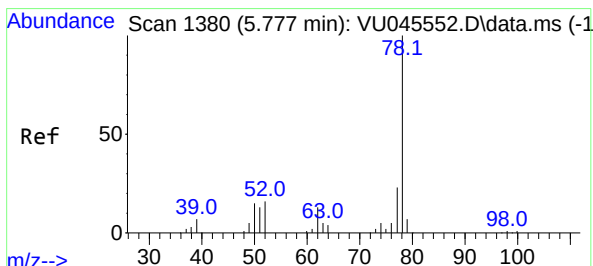
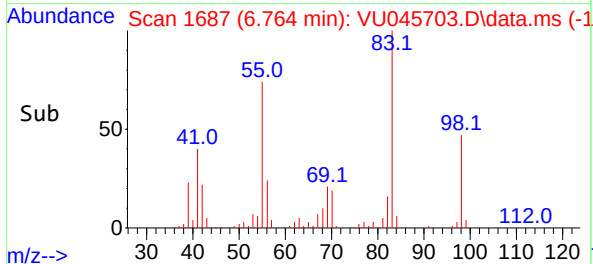
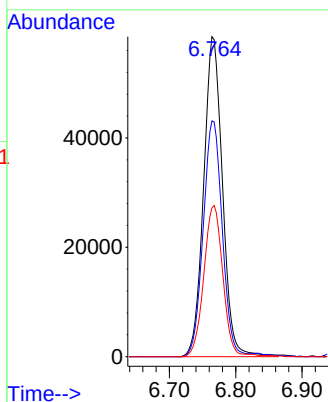
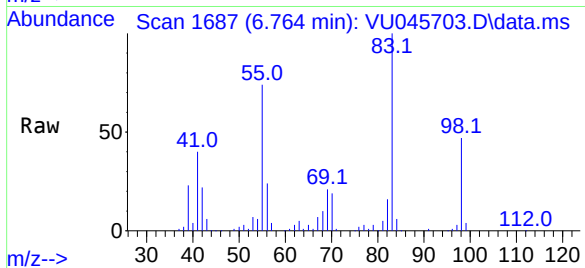
98 46.5 37.1 55.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2021

Supervised By :Mahesh Dadoda 11/15/2021



#40

Benzene

Concen: 49.225 ug/l

RT: 5.777 min Scan# 1380

Delta R.T. -0.000 min

Lab File: VU045703.D

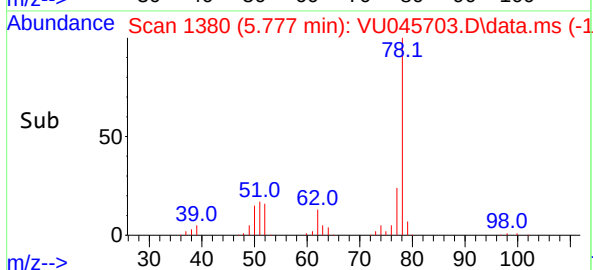
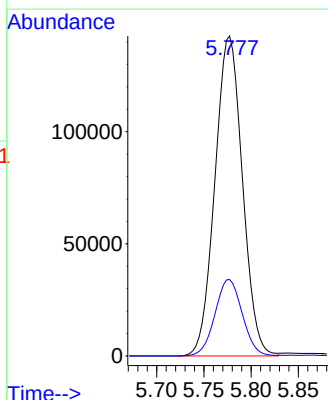
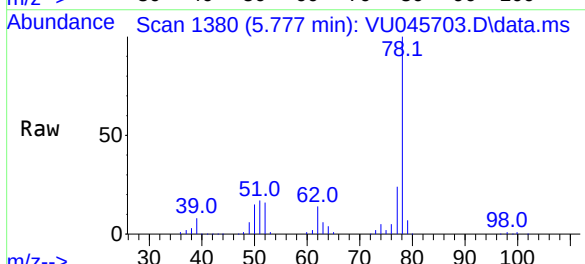
Acq: 10 Nov 2021 21:31

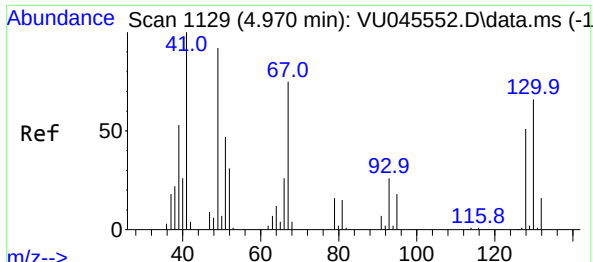
Tgt Ion: 78 Resp: 288496

Ion Ratio Lower Upper

78 100

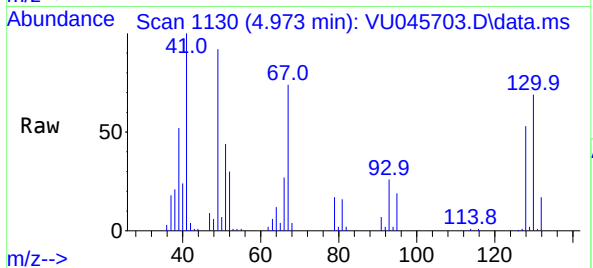
77 23.9 19.0 28.4





#41
Methacrylonitrile
Concen: 54.703 ug/l
RT: 4.973 min Scan# 1129
Delta R.T. 0.003 min
Lab File: VU045703.D
Acq: 10 Nov 2021 21:31

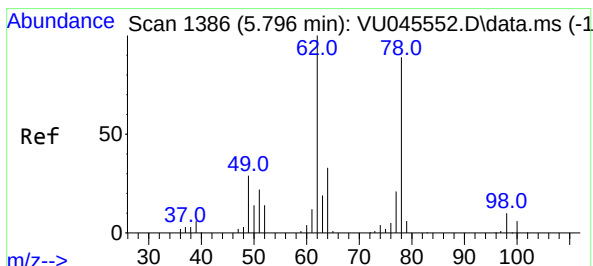
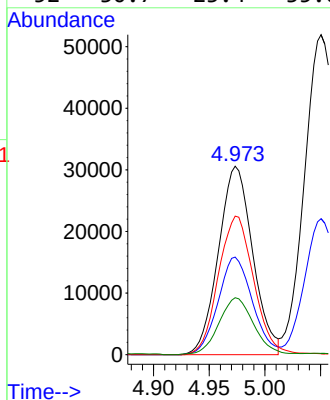
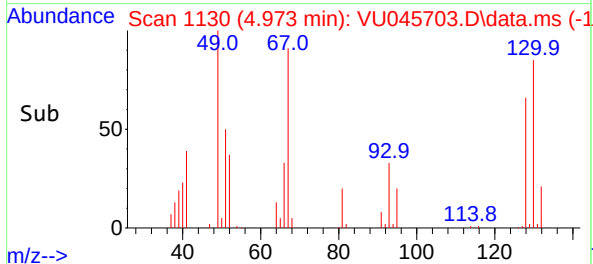
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 65730
Ion Ratio Lower Upper
41 100
39 51.8 43.4 65.0
67 75.9 61.0 91.4
52 30.7 23.4 35.0

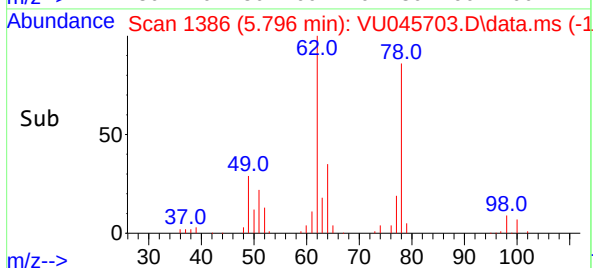
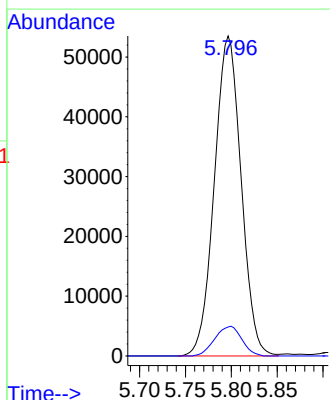
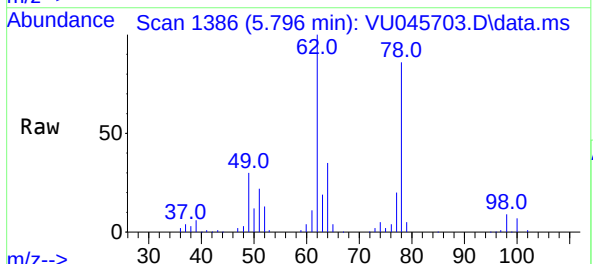
Manual Integrations
APPROVED

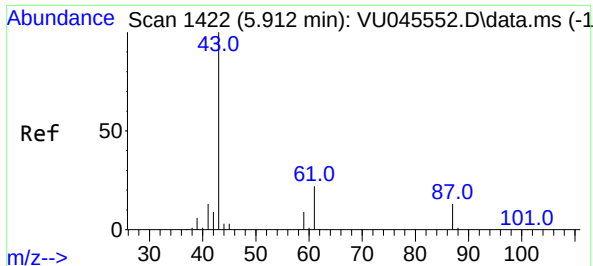
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/15/2021



#42
1,2-Dichloroethane
Concen: 51.247 ug/l
RT: 5.796 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VU045703.D
Acq: 10 Nov 2021 21:31

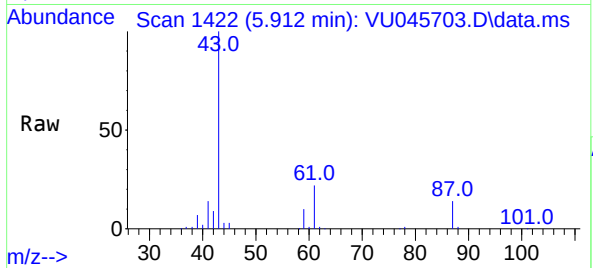
Tgt Ion: 62 Resp: 108488
Ion Ratio Lower Upper
62 100
98 9.4 0.0 18.4





#43
Isopropyl Acetate
Concen: 51.681 ug/l
RT: 5.912 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VU045703.D
Acq: 10 Nov 2021 21:31

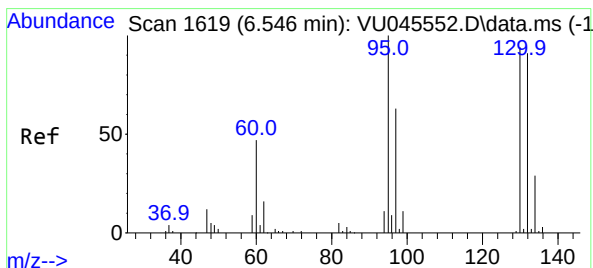
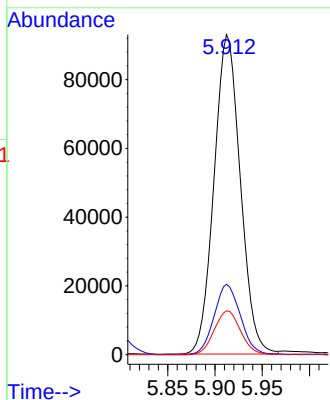
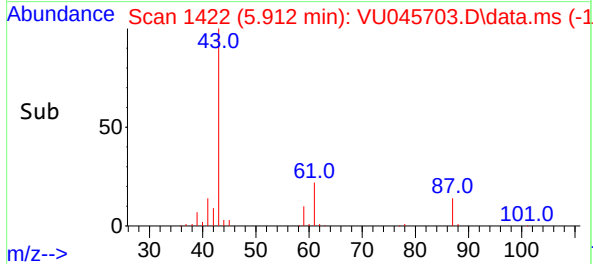
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



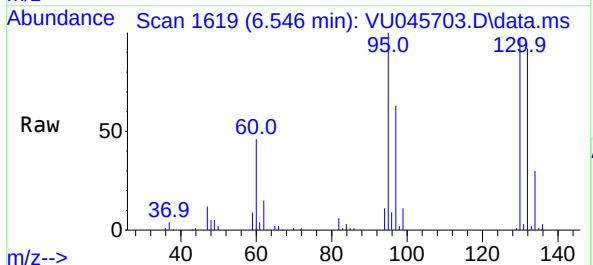
Tgt Ion: 43 Resp: 179750
Ion Ratio Lower Upper
43 100
61 22.1 16.9 25.3
87 13.8 11.0 16.4

Manual Integrations
APPROVED

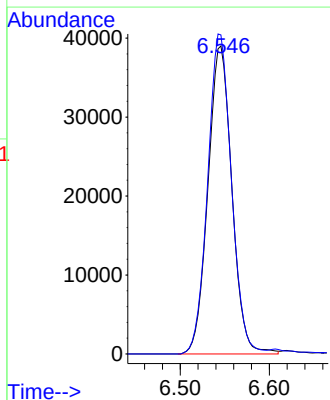
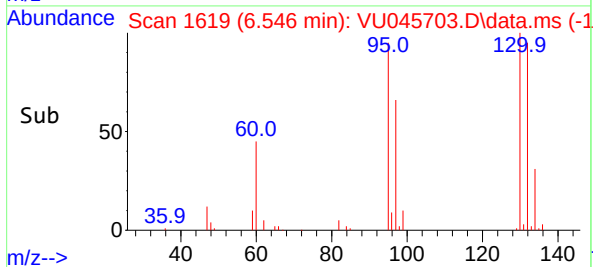
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/15/2021

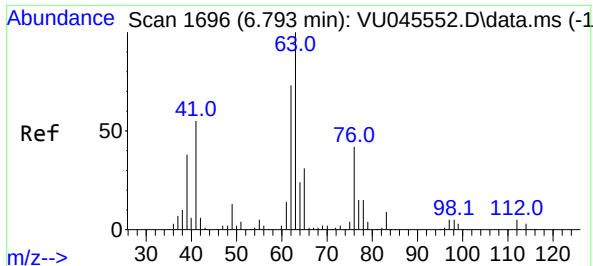


#44
Trichloroethene
Concen: 51.833 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU045703.D
Acq: 10 Nov 2021 21:31



Tgt Ion:130 Resp: 72716
Ion Ratio Lower Upper
130 100
95 103.6 0.0 211.4





#45

1,2-Dichloropropane

Concen: 52.432 ug/l

RT: 6.793 min Scan# 1696

Delta R.T. -0.000 min

Lab File: VU045703.D

Acq: 10 Nov 2021 21:31

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 81309

Ion Ratio Lower Upper

63 100

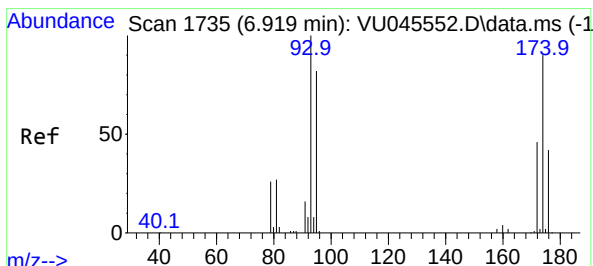
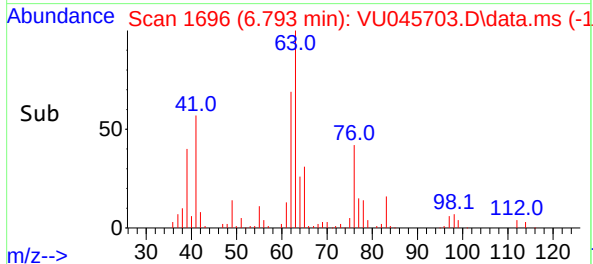
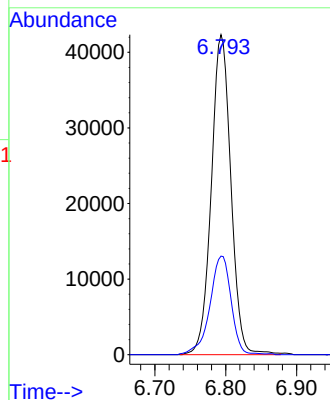
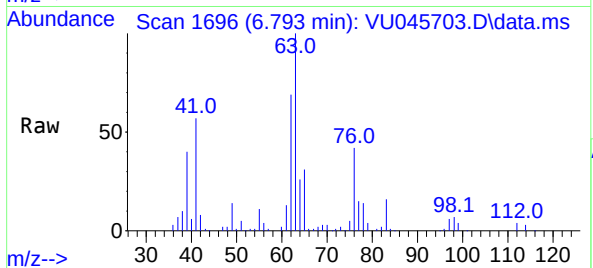
65 30.8 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2021

Supervised By :Mahesh Dadoda 11/15/2021



#46

Dibromomethane

Concen: 51.256 ug/l

RT: 6.922 min Scan# 1736

Delta R.T. 0.003 min

Lab File: VU045703.D

Acq: 10 Nov 2021 21:31

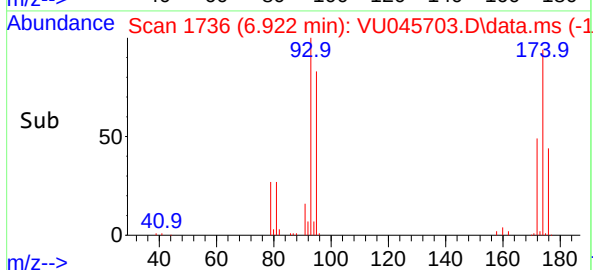
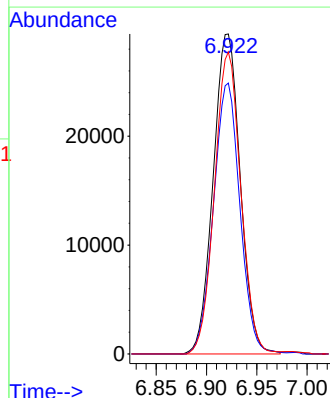
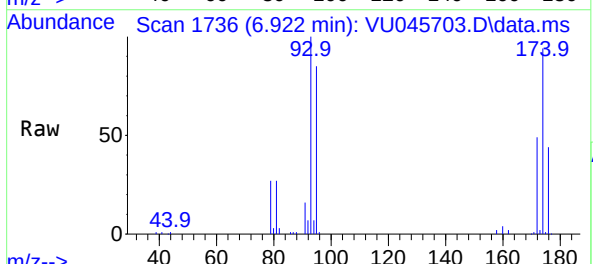
Tgt Ion: 93 Resp: 55075

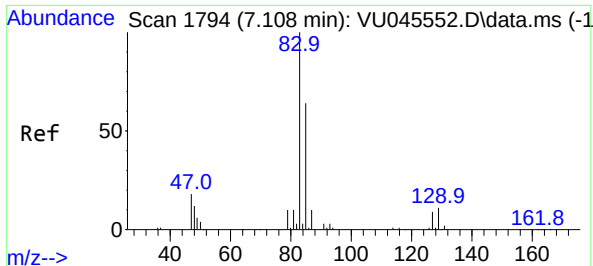
Ion Ratio Lower Upper

93 100

95 82.8 66.2 99.2

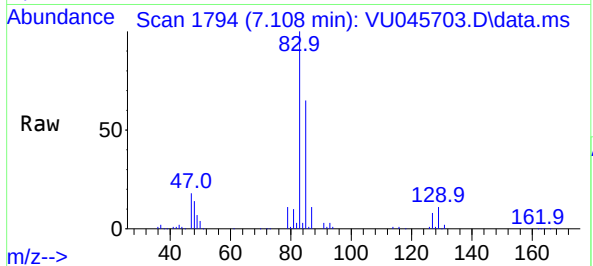
174 91.7 71.0 106.6





#47
Bromodichloromethane
Concen: 52.918 ug/l
RT: 7.108 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VU045703.D
Acq: 10 Nov 2021 21:31

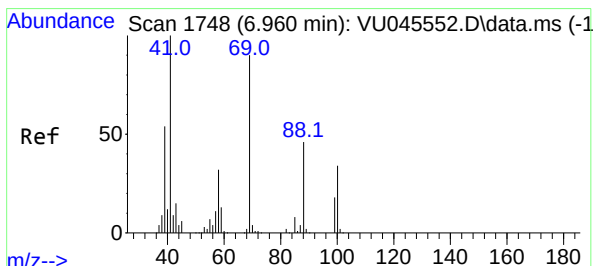
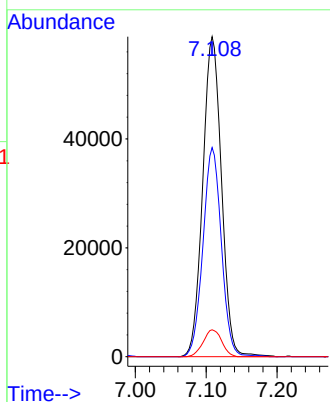
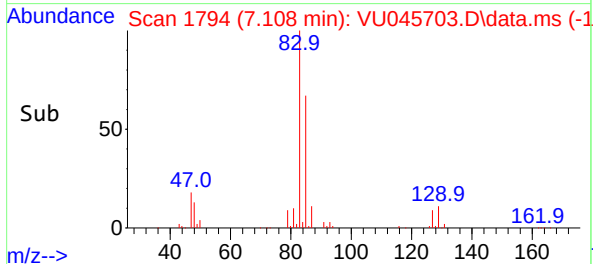
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



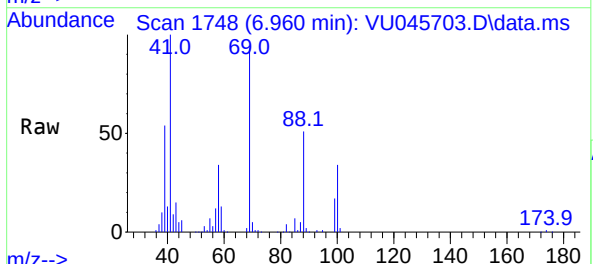
Tgt Ion: 83 Resp: 107889
Ion Ratio Lower Upper
83 100
85 65.3 49.8 74.6
127 8.4 6.2 9.2

Manual Integrations
APPROVED

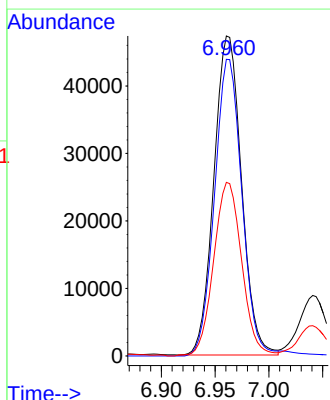
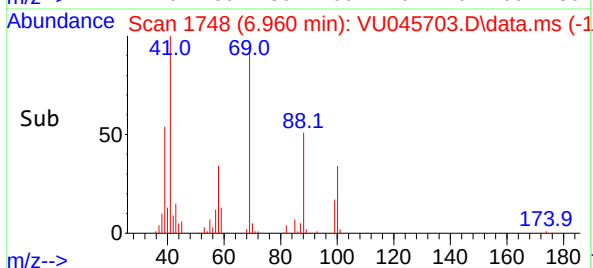
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/15/2021

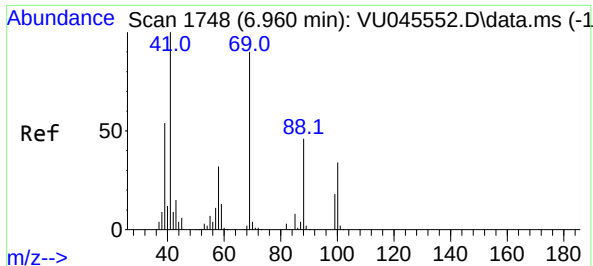


#48
Methyl methacrylate
Concen: 52.782 ug/l
RT: 6.960 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VU045703.D
Acq: 10 Nov 2021 21:31



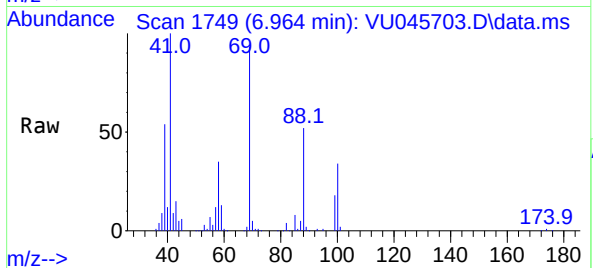
Tgt Ion: 41 Resp: 84496
Ion Ratio Lower Upper
41 100
69 93.2 70.2 105.2
39 55.2 43.9 65.9





#49
1,4-Dioxane
Concen: 1102.586 ug/l
RT: 6.964 min Scan# 1748
Delta R.T. 0.003 min
Lab File: VU045703.D
Acq: 10 Nov 2021 21:31

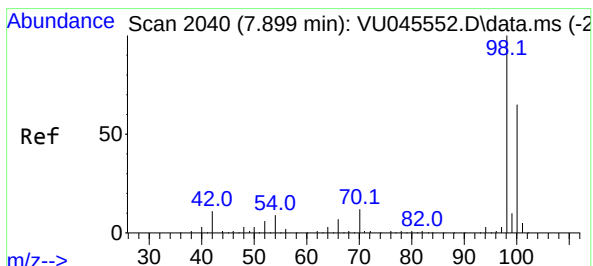
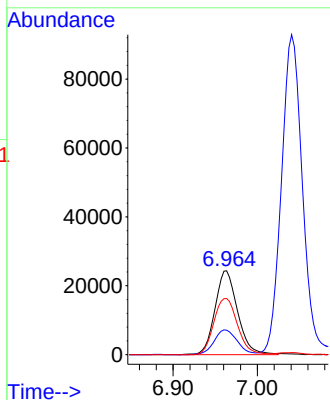
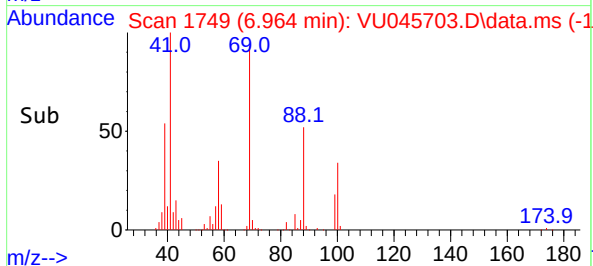
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 45392
Ion Ratio Lower Upper
88 100
43 30.4 0.0 0.0
58 70.0 58.7 88.1

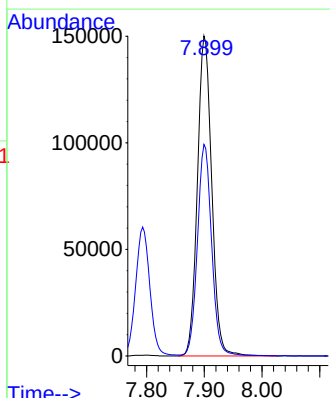
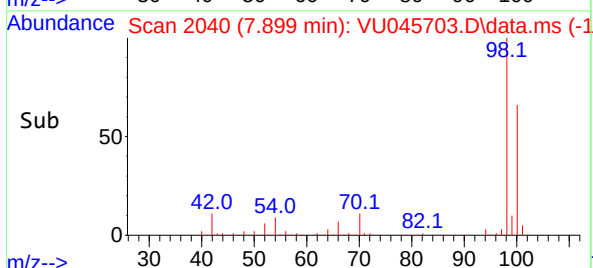
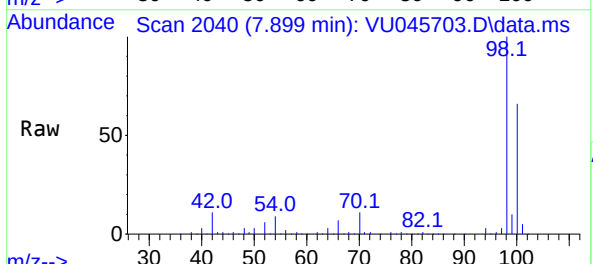
Manual Integrations
APPROVED

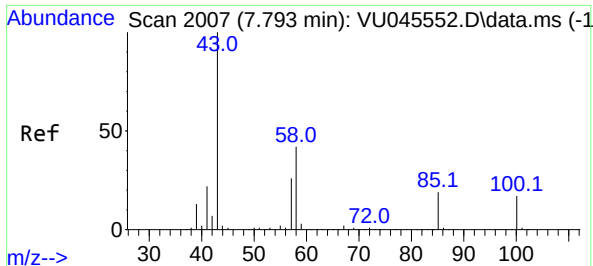
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/15/2021



#50
Toluene-d8
Concen: 51.351 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VU045703.D
Acq: 10 Nov 2021 21:31

Tgt Ion: 98 Resp: 258819
Ion Ratio Lower Upper
98 100
100 65.7 52.5 78.7





#51
4-Methyl-2-Pentanone
Concen: 273.030 ug/l
RT: 7.793 min Scan# 2007
Delta R.T. -0.000 min
Lab File: VU045703.D
Acq: 10 Nov 2021 21:31

Instrument :

MSVOA_U

ClientSampleId :

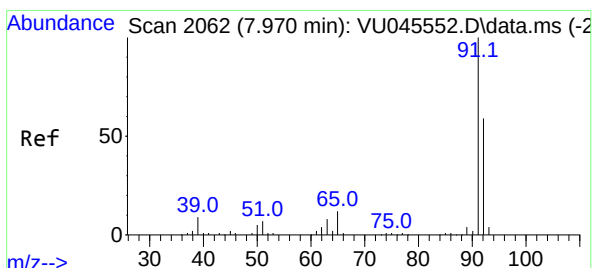
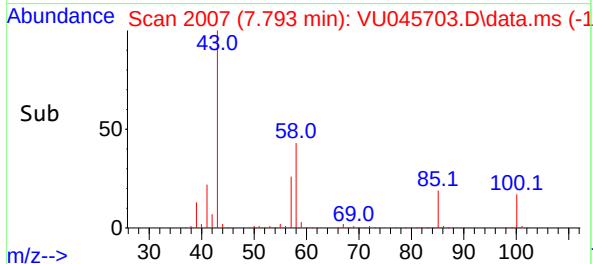
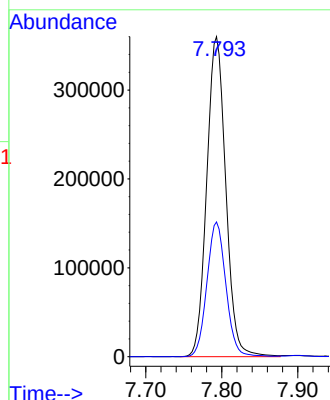
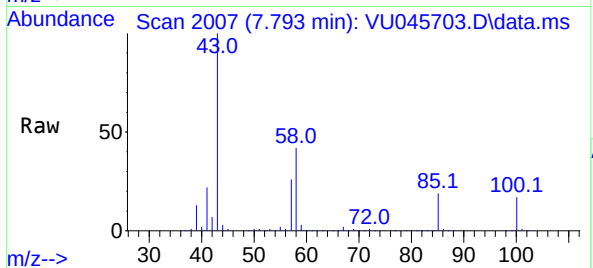
VSTDCCC050

Tgt Ion: 43 Resp: 626425
Ion Ratio Lower Upper
43 100
58 41.9 33.8 50.8

Manual Integrations

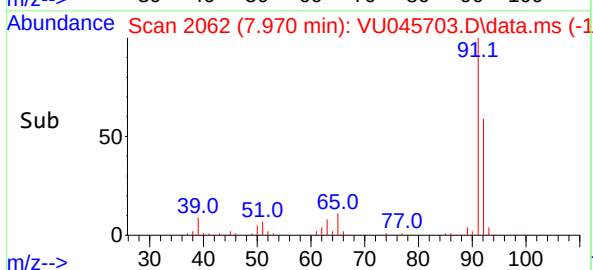
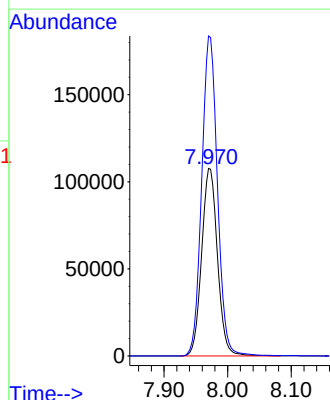
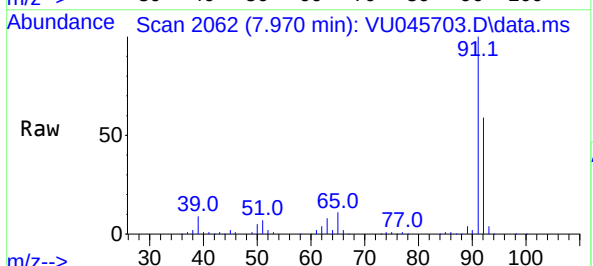
APPROVED

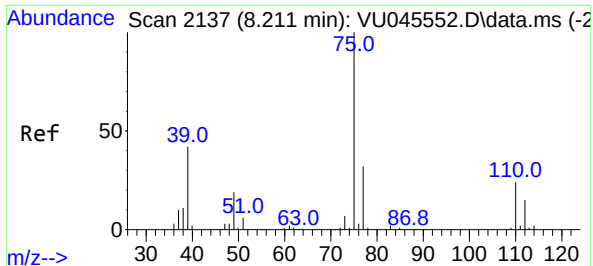
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/15/2021



#52
Toluene
Concen: 51.838 ug/l
RT: 7.970 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VU045703.D
Acq: 10 Nov 2021 21:31

Tgt Ion: 92 Resp: 186000
Ion Ratio Lower Upper
92 100
91 169.9 135.6 203.4





#53

t-1,3-Dichloropropene

Concen: 50.275 ug/l

RT: 8.214 min Scan# 2137

Delta R.T. 0.003 min

Lab File: VU045703.D

Acq: 10 Nov 2021 21:31

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 117800

Ion Ratio Lower Upper

75 100

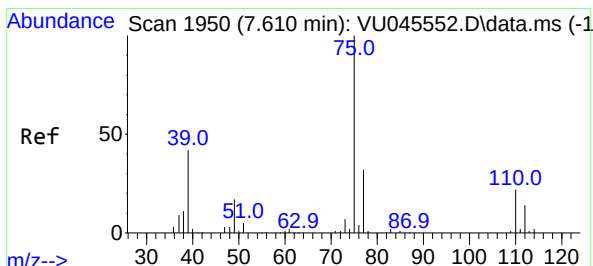
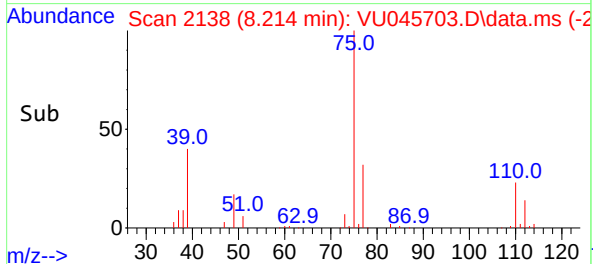
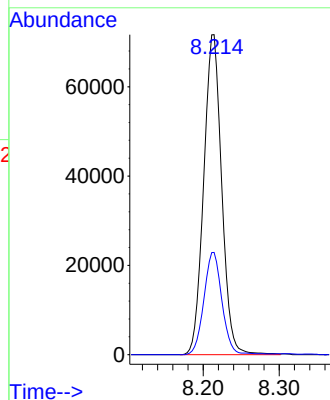
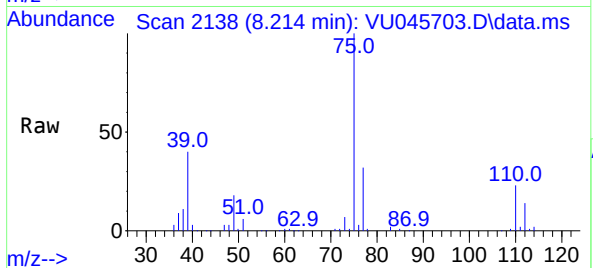
77 31.9 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2021

Supervised By :Mahesh Dadoda 11/15/2021



#54

cis-1,3-Dichloropropene

Concen: 51.385 ug/l

RT: 7.610 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VU045703.D

Acq: 10 Nov 2021 21:31

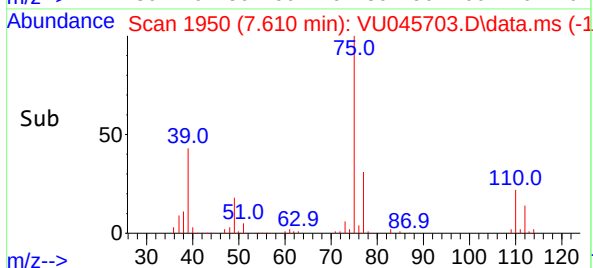
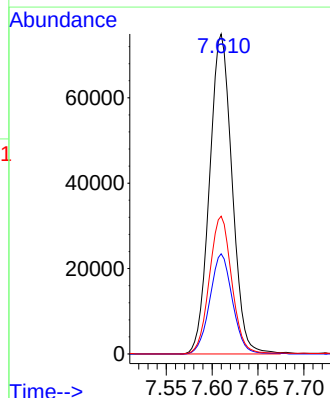
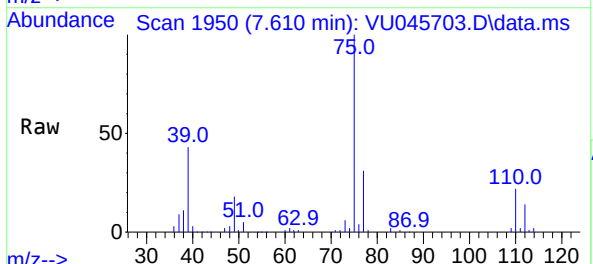
Tgt Ion: 75 Resp: 127884

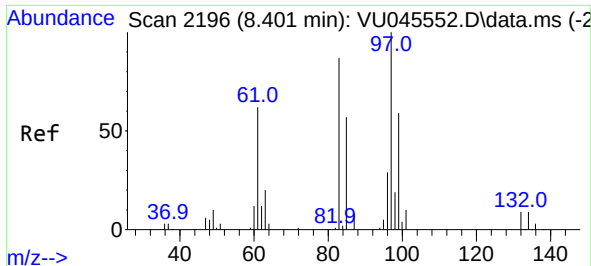
Ion Ratio Lower Upper

75 100

77 31.3 24.6 37.0

39 43.0 37.1 55.7





#55
1,1,2-Trichloroethane
Concen: 53.365 ug/l
RT: 8.401 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VU045703.D
Acq: 10 Nov 2021 21:31

Instrument :

MSVOA_U

ClientSampleId :

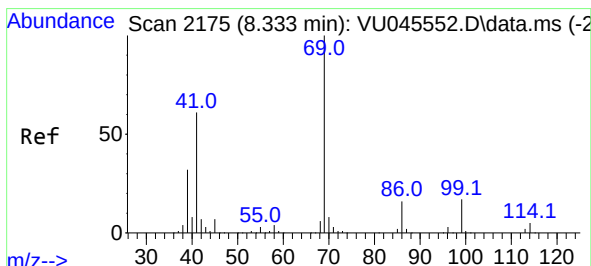
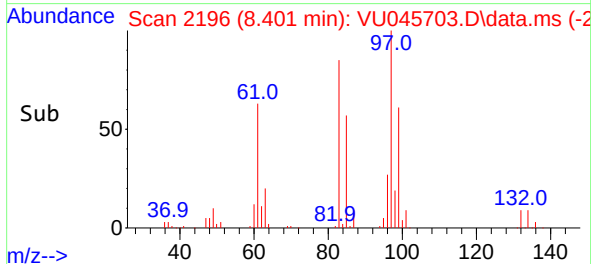
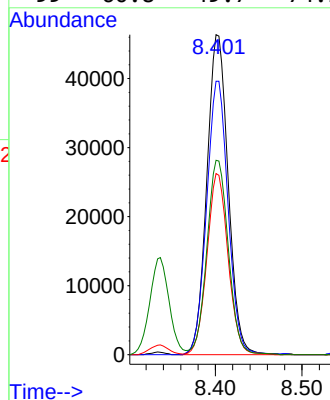
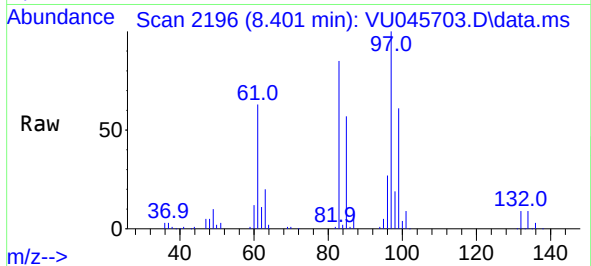
VSTDCCC050

Tgt Ion: 97 Resp: 79358
Ion Ratio Lower Upper
97 100
83 85.5 70.3 105.5
85 56.6 45.5 68.3
99 60.8 49.7 74.5

Manual Integrations

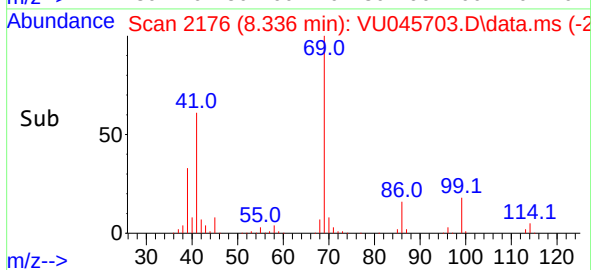
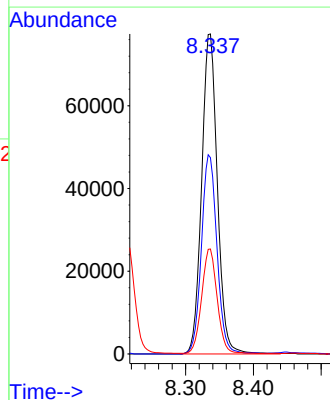
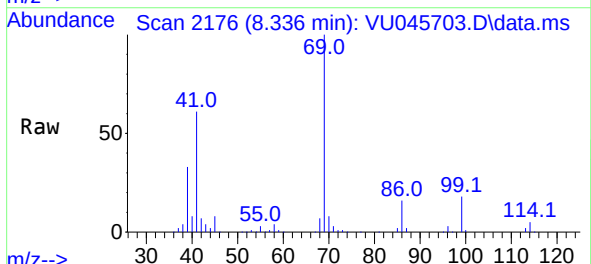
APPROVED

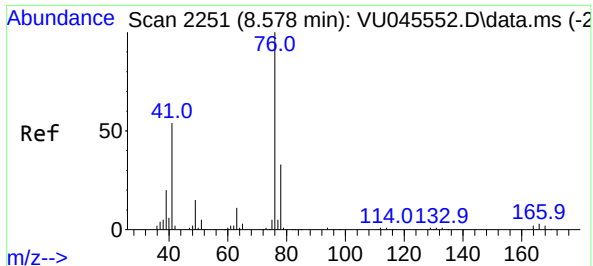
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/15/2021



#56
Ethyl methacrylate
Concen: 46.921 ug/l
RT: 8.336 min Scan# 2176
Delta R.T. 0.003 min
Lab File: VU045703.D
Acq: 10 Nov 2021 21:31

Tgt Ion: 69 Resp: 124735
Ion Ratio Lower Upper
69 100
41 61.5 51.0 76.4
39 32.2 26.6 39.8





#57

1,3-Dichloropropane

Concen: 51.717 ug/l

RT: 8.578 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU045703.D

Acq: 10 Nov 2021 21:31

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 138520

Ion Ratio Lower Upper

76 100

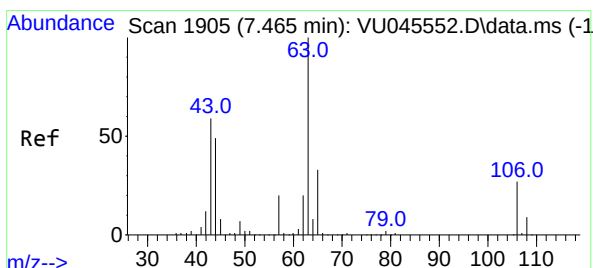
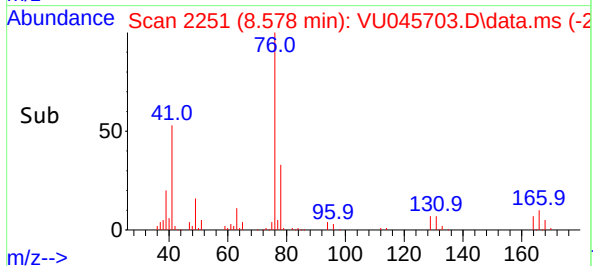
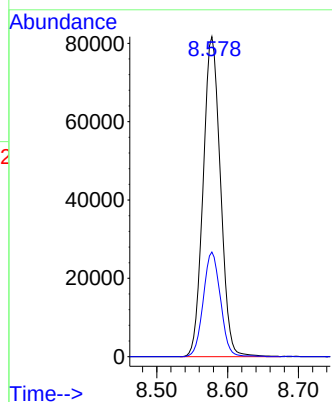
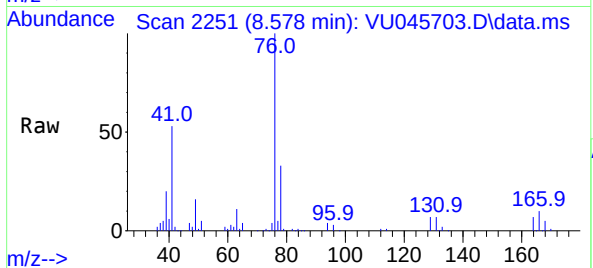
78 32.4 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2021

Supervised By :Mahesh Dadoda 11/15/2021



#58

2-Chloroethyl Vinyl ether

Concen: 217.961 ug/l

RT: 7.465 min Scan# 1905

Delta R.T. -0.000 min

Lab File: VU045703.D

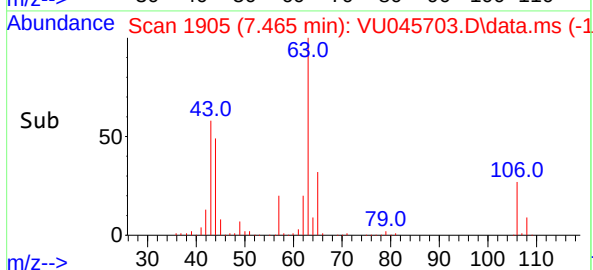
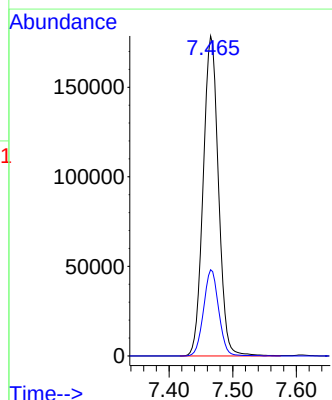
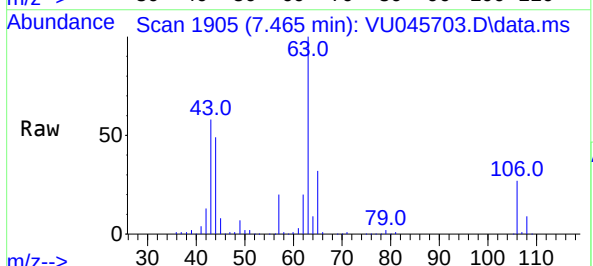
Acq: 10 Nov 2021 21:31

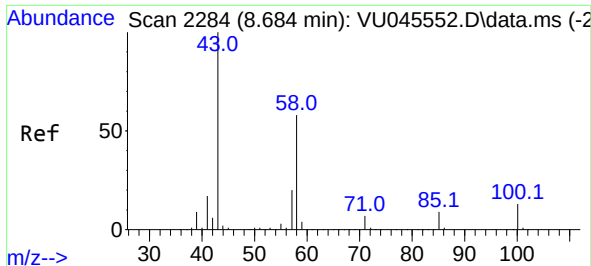
Tgt Ion: 63 Resp: 298402

Ion Ratio Lower Upper

63 100

106 26.6 21.0 31.4





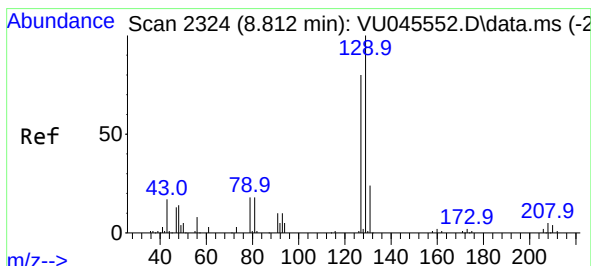
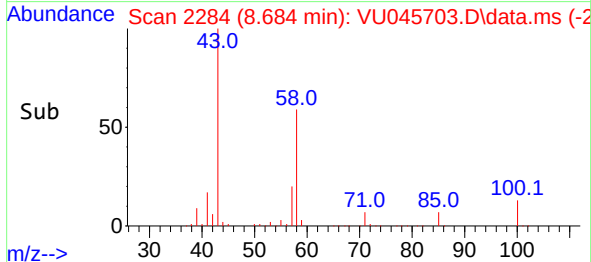
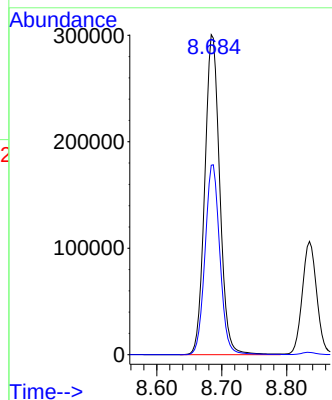
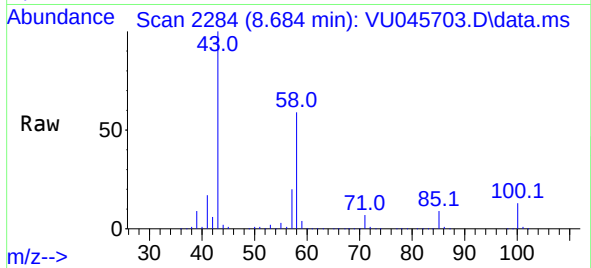
#59
2-Hexanone
Concen: 241.974 ug/l
RT: 8.684 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU045703.D
Acq: 10 Nov 2021 21:31

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 482570
Ion Ratio Lower Upper
43 100
58 58.9 29.5 88.6

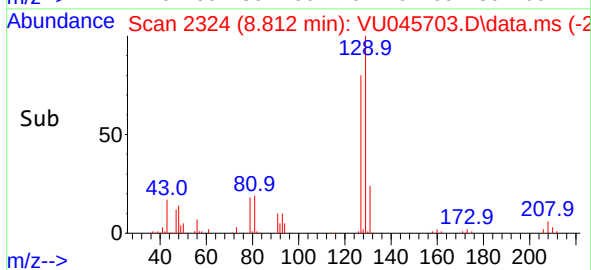
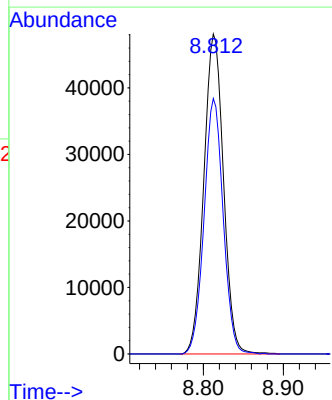
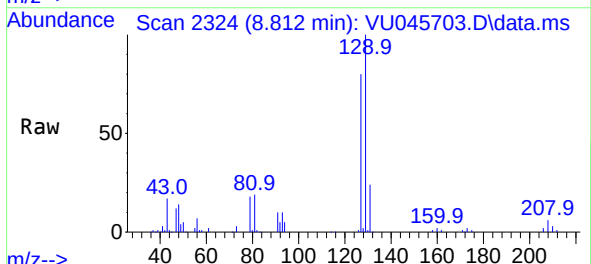
Manual Integrations
APPROVED

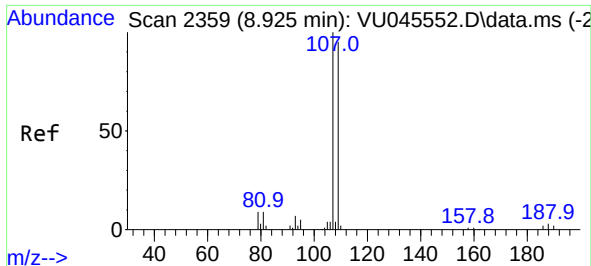
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/15/2021



#60
Dibromochloromethane
Concen: 53.142 ug/l
RT: 8.812 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU045703.D
Acq: 10 Nov 2021 21:31

Tgt Ion:129 Resp: 82290
Ion Ratio Lower Upper
129 100
127 77.5 38.5 115.3





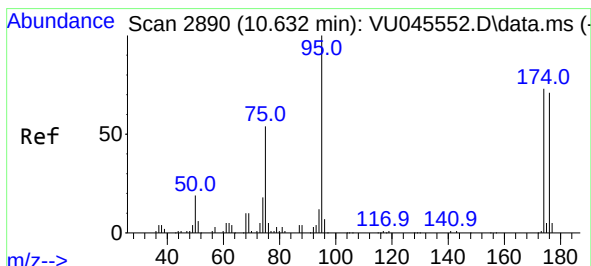
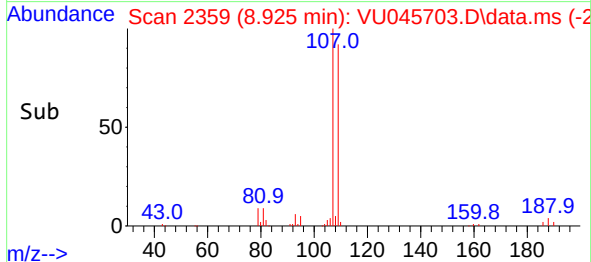
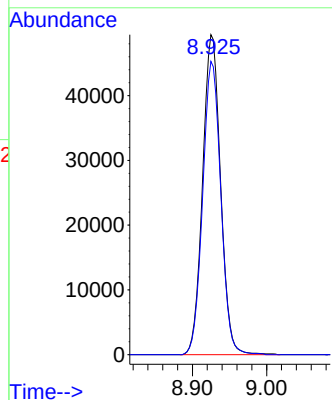
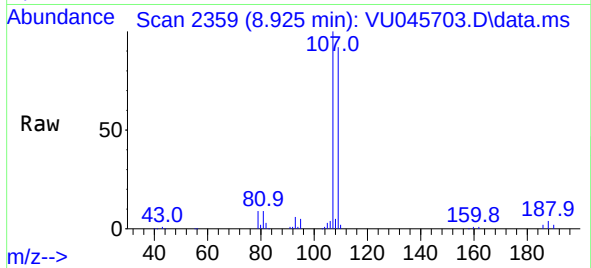
#61
1,2-Dibromoethane
Concen: 52.028 ug/l
RT: 8.925 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU045703.D
Acq: 10 Nov 2021 21:31

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 8298
Ion Ratio Lower Upper
107 100
109 92.5 75.8 113.8

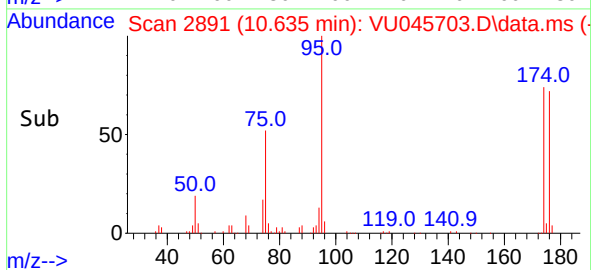
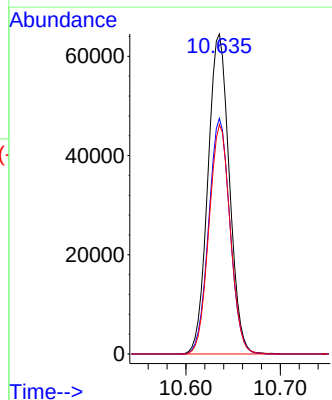
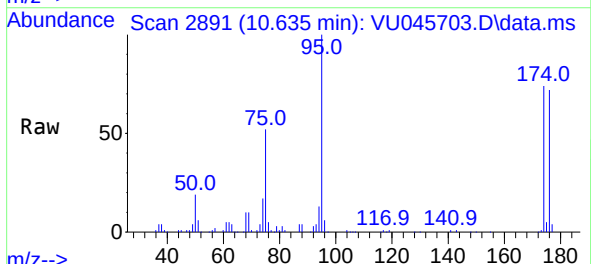
Manual Integrations
APPROVED

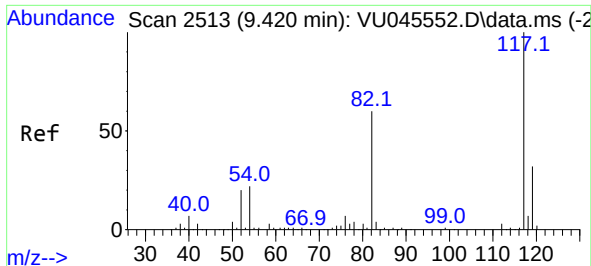
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/15/2021



#62
4-Bromofluorobenzene
Concen: 50.280 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.003 min
Lab File: VU045703.D
Acq: 10 Nov 2021 21:31

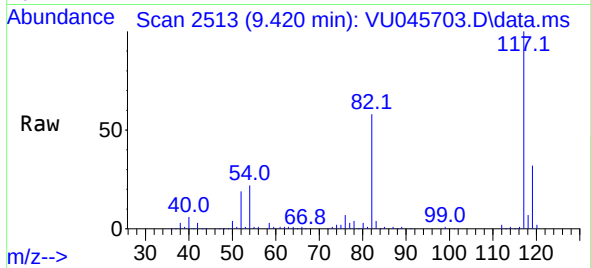
Tgt Ion: 95 Resp: 101619
Ion Ratio Lower Upper
95 100
174 73.0 0.0 141.8
176 70.9 0.0 138.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045703.D
Acq: 10 Nov 2021 21:31

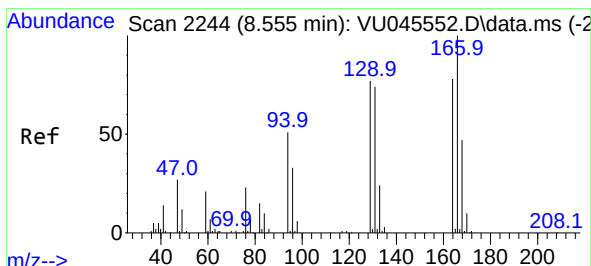
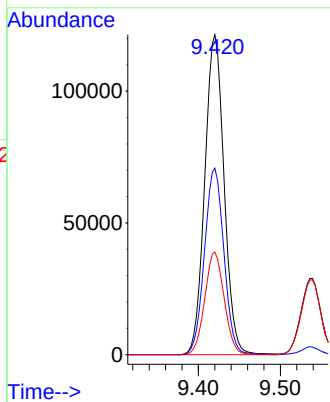
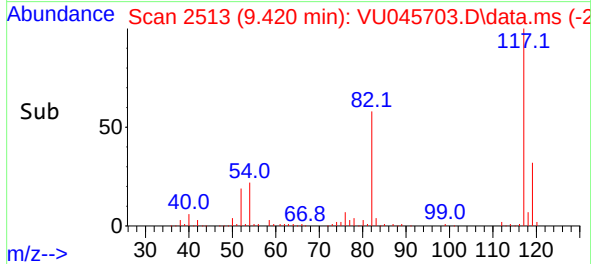
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



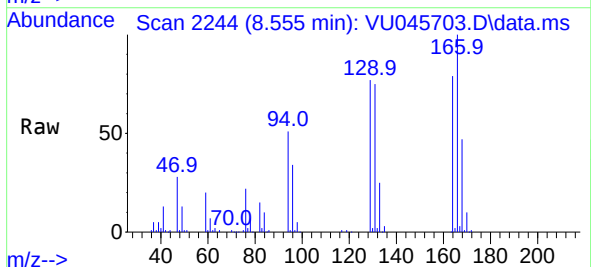
Tgt Ion:117 Resp: 199078
Ion Ratio Lower Upper
117 100
82 58.3 47.8 71.8
119 32.1 25.8 38.8

Manual Integrations
APPROVED

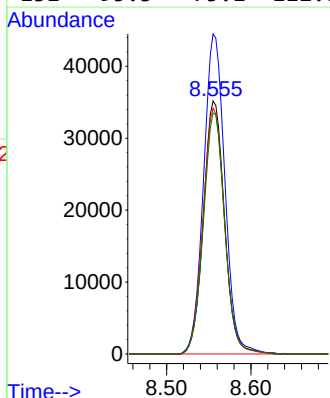
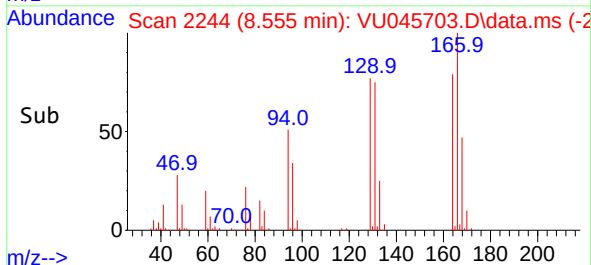
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/15/2021

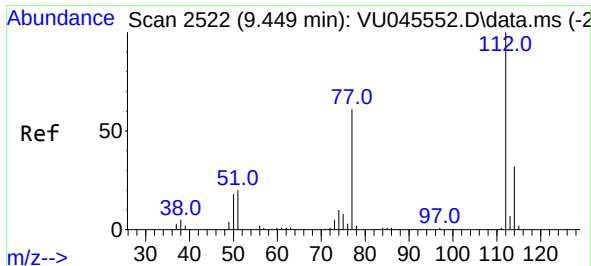


#64
Tetrachloroethene
Concen: 53.807 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU045703.D
Acq: 10 Nov 2021 21:31



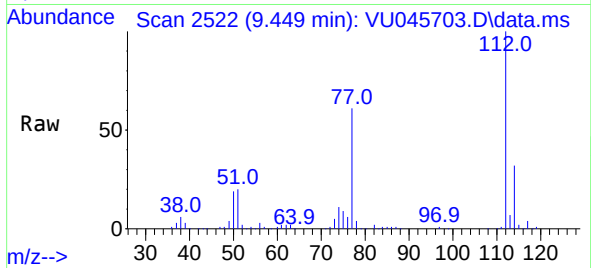
Tgt Ion:164 Resp: 61481
Ion Ratio Lower Upper
164 100
166 126.5 102.2 153.4
129 97.0 78.2 117.4
131 95.3 75.1 112.7





#65
Chlorobenzene
Concen: 49.803 ug/l
RT: 9.449 min Scan# 2522
Delta R.T. -0.000 min
Lab File: VU045703.D
Acq: 10 Nov 2021 21:31

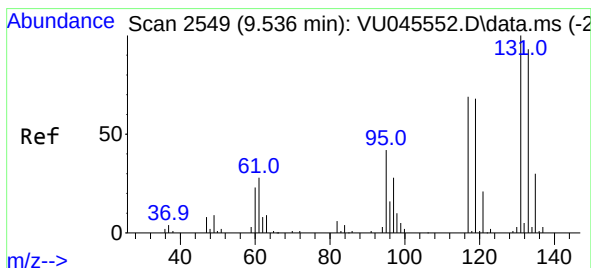
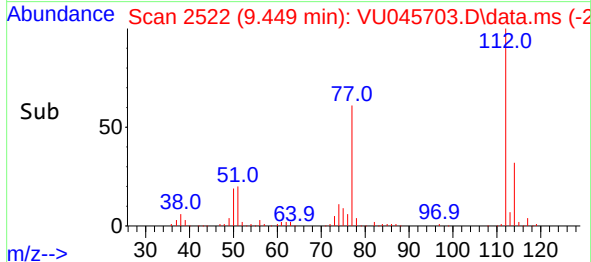
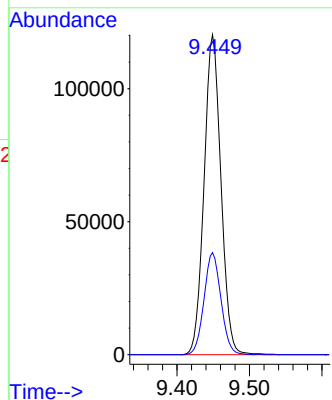
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 19475
Ion Ratio Lower Upper
112 100
114 31.9 25.7 38.5

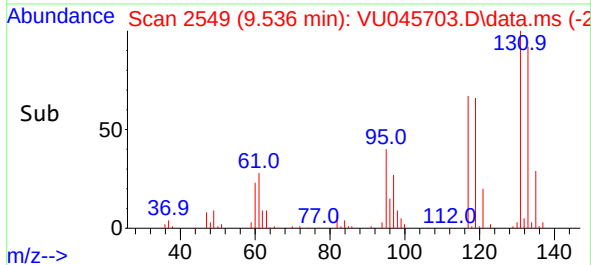
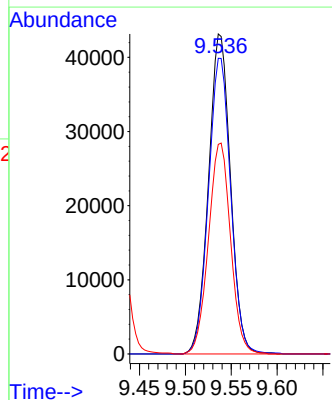
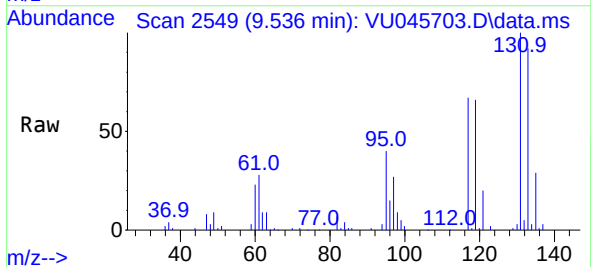
Manual Integrations
APPROVED

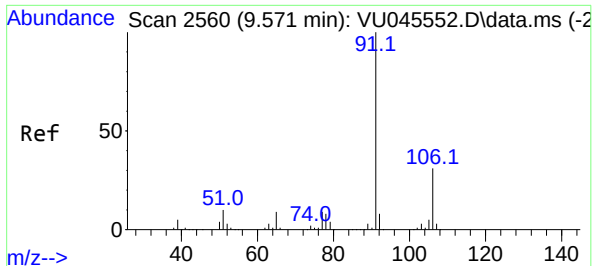
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/15/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 51.381 ug/l
RT: 9.536 min Scan# 2549
Delta R.T. -0.000 min
Lab File: VU045703.D
Acq: 10 Nov 2021 21:31

Tgt Ion:131 Resp: 71659
Ion Ratio Lower Upper
131 100
133 94.0 47.9 143.6
119 66.6 34.5 103.6





#67

Ethyl Benzene

Concen: 50.632 ug/l

RT: 9.571 min Scan# 2560

Delta R.T. -0.000 min

Lab File: VU045703.D

Acq: 10 Nov 2021 21:31

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 354569

Ion Ratio Lower Upper

91 100

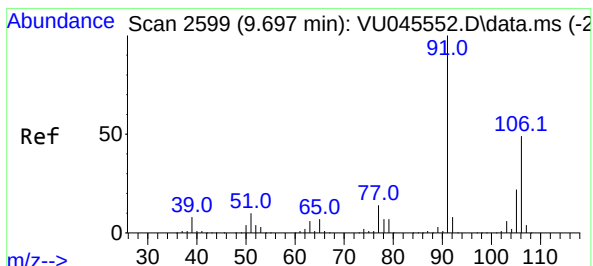
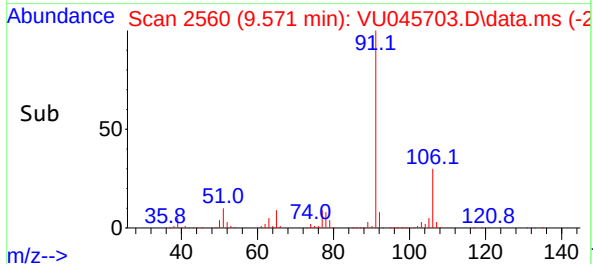
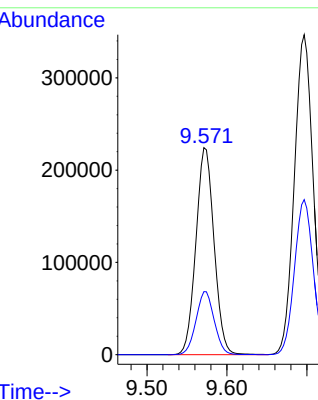
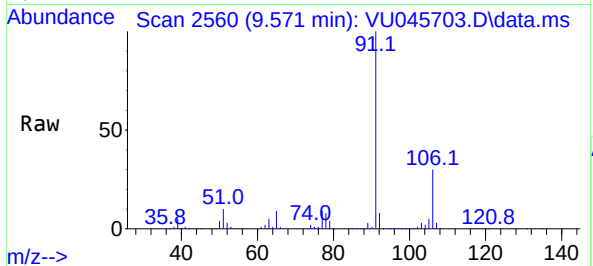
106 30.5 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2021

Supervised By :Mahesh Dadoda 11/15/2021



#68

m/p-Xylenes

Concen: 103.594 ug/l

RT: 9.697 min Scan# 2599

Delta R.T. -0.000 min

Lab File: VU045703.D

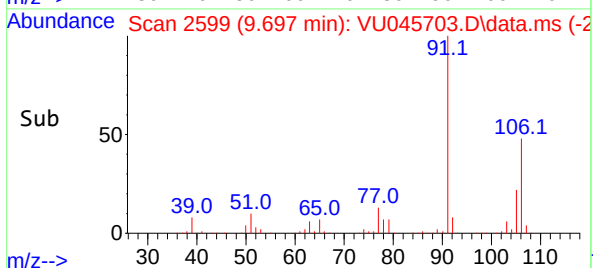
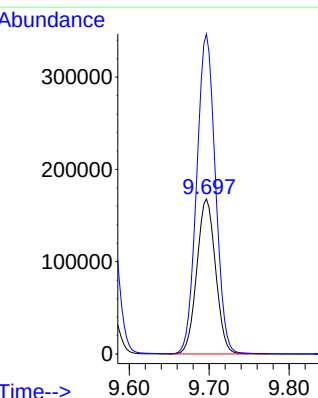
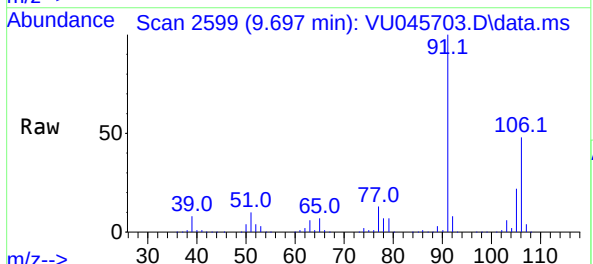
Acq: 10 Nov 2021 21:31

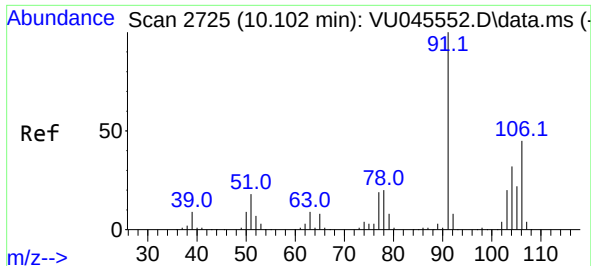
Tgt Ion:106 Resp: 273593

Ion Ratio Lower Upper

106 100

91 206.5 164.7 247.1





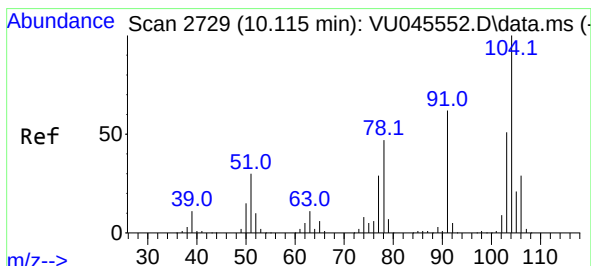
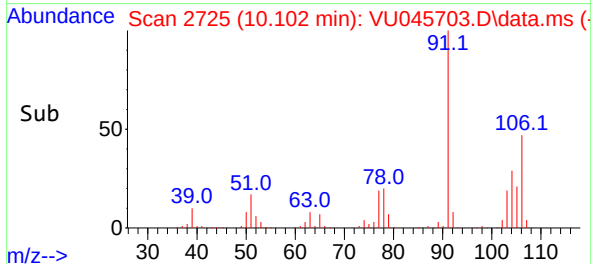
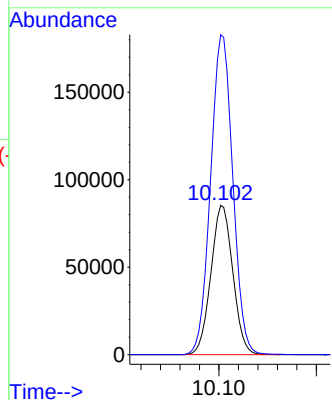
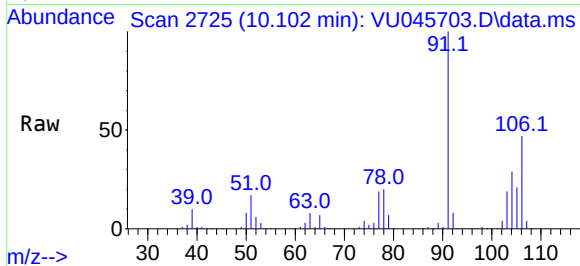
#69
o-Xylene
Concen: 51.956 ug/l
RT: 10.102 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU045703.D
Acq: 10 Nov 2021 21:31

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 13340
Ion Ratio Lower Upper
106 100
91 217.1 108.7 326.3

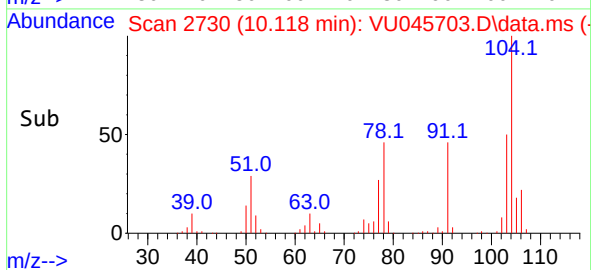
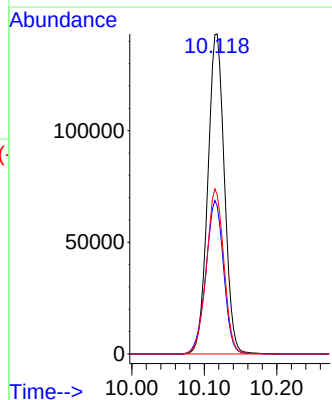
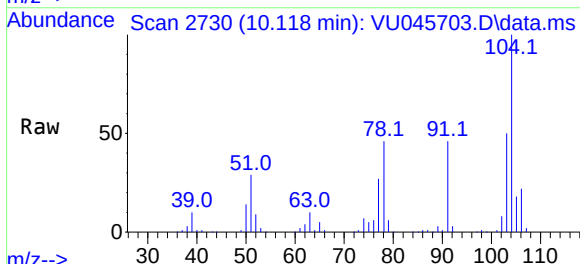
Manual Integrations
APPROVED

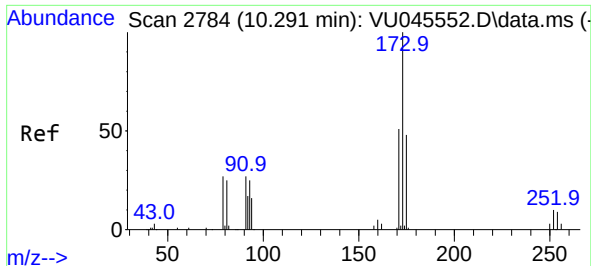
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/15/2021



#70
Styrene
Concen: 52.621 ug/l
RT: 10.118 min Scan# 2730
Delta R.T. 0.003 min
Lab File: VU045703.D
Acq: 10 Nov 2021 21:31

Tgt Ion:104 Resp: 228575
Ion Ratio Lower Upper
104 100
78 51.3 41.8 62.6
103 54.2 43.8 65.6





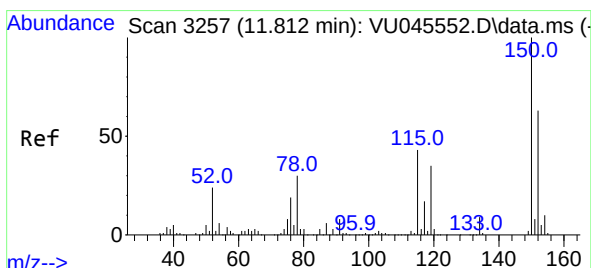
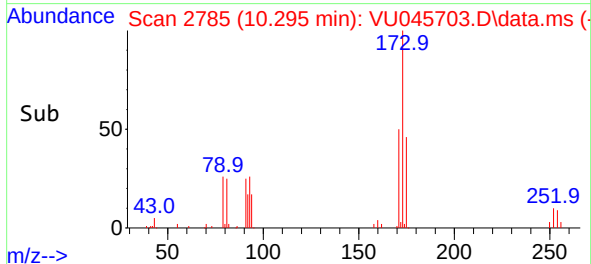
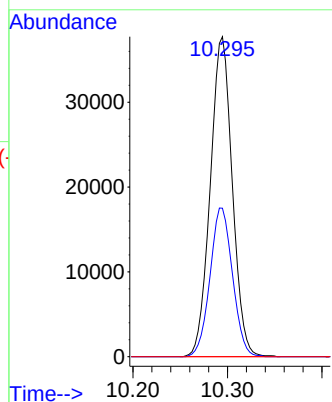
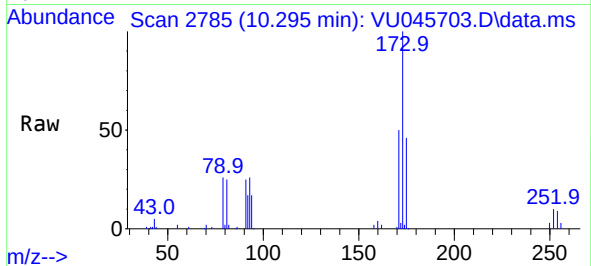
#71
Bromoform
Concen: 46.432 ug/l
RT: 10.295 min Scan# 21
Delta R.T. 0.004 min
Lab File: VU045703.D
Acq: 10 Nov 2021 21:31

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion:173 Resp: 6098
Ion Ratio Lower Upper
173 100
175 47.6 24.1 72.2
254 0.0 0.0 0.0

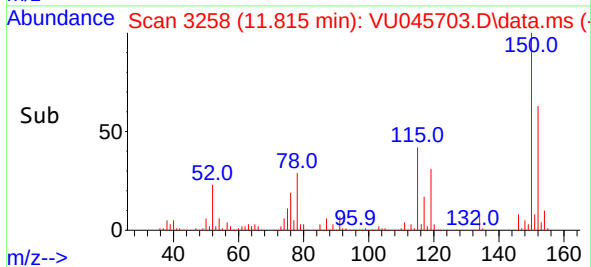
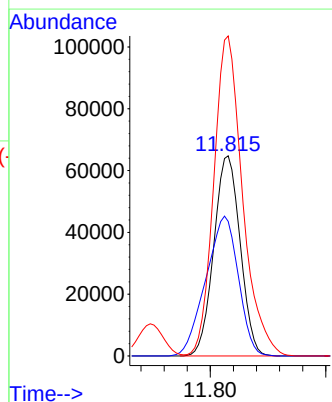
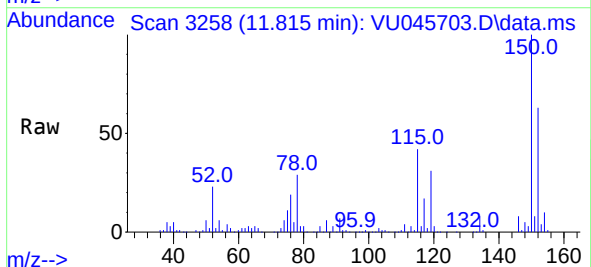
Manual Integrations
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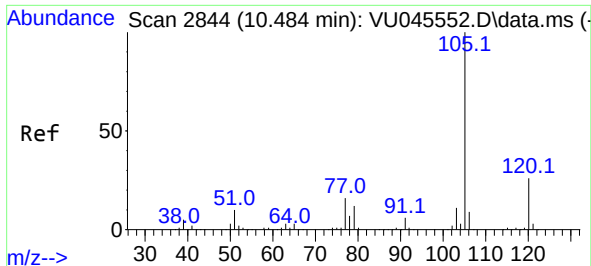
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/15/2021



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.815 min Scan# 3258
Delta R.T. 0.003 min
Lab File: VU045703.D
Acq: 10 Nov 2021 21:31

Tgt Ion:152 Resp: 102656
Ion Ratio Lower Upper
152 100
115 86.1 42.7 128.1
150 174.6 0.0 346.8





#73
Isopropylbenzene
Concen: 52.992 ug/l
RT: 10.488 min Scan# 2844
Delta R.T. 0.003 min
Lab File: VU045703.D
Acq: 10 Nov 2021 21:31

Instrument :

MSVOA_U

ClientSampleId :

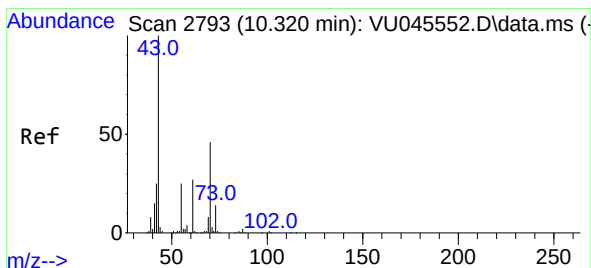
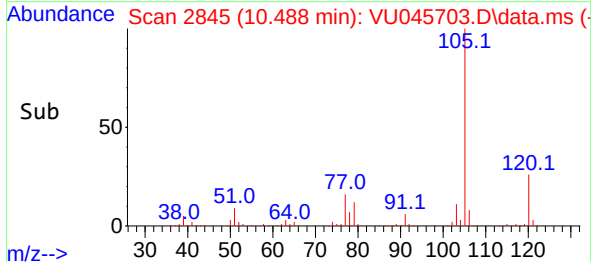
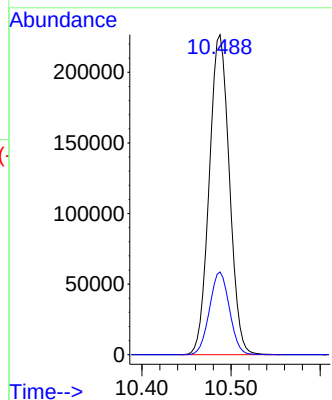
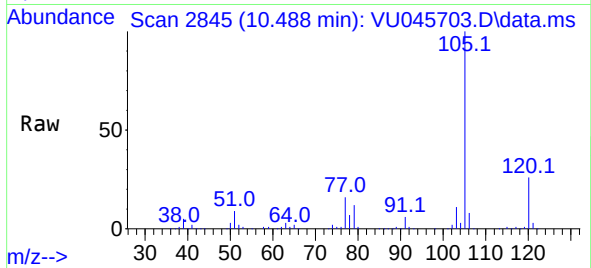
VSTDCCC050

Tgt Ion:105 Resp: 355440
Ion Ratio Lower Upper
105 100
120 25.6 12.9 38.6

Manual Integrations

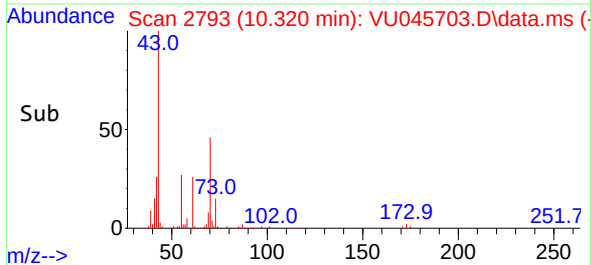
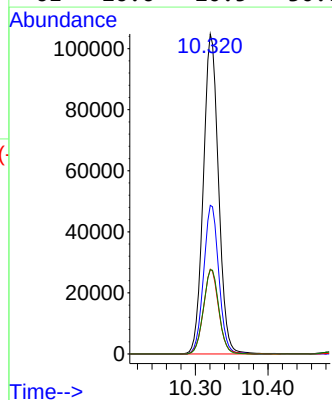
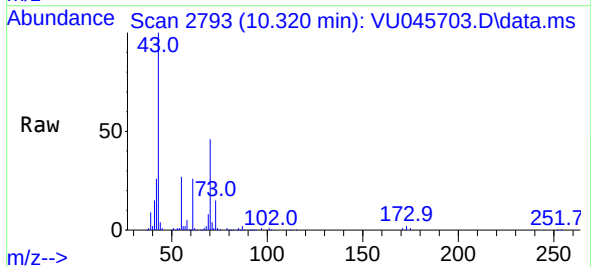
APPROVED

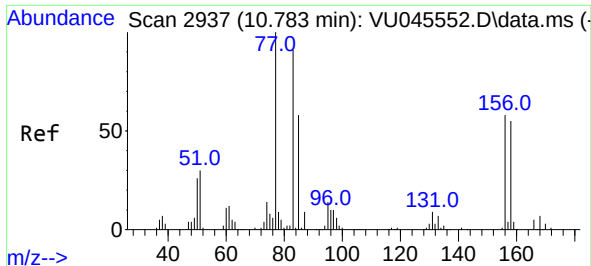
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/15/2021



#74
N-ethyl acetate
Concen: 50.402 ug/l
RT: 10.320 min Scan# 2793
Delta R.T. -0.000 min
Lab File: VU045703.D
Acq: 10 Nov 2021 21:31

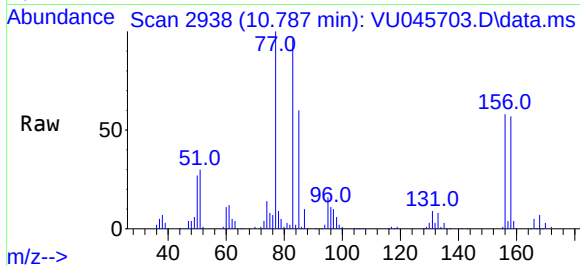
Tgt Ion: 43 Resp: 152510
Ion Ratio Lower Upper
43 100
70 46.5 36.9 55.3
55 26.5 20.6 31.0
61 26.6 20.5 30.7





#75
1,1,2,2-Tetrachloroethane
Concen: 51.387 ug/l
RT: 10.787 min Scan# 2937
Delta R.T. 0.003 min
Lab File: VU045703.D
Acq: 10 Nov 2021 21:31

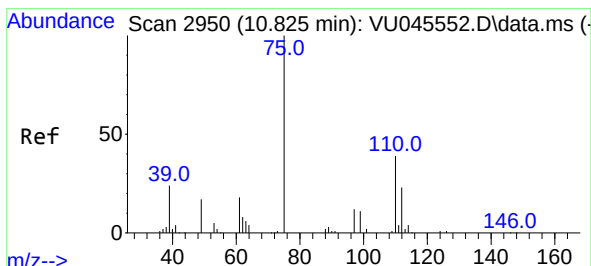
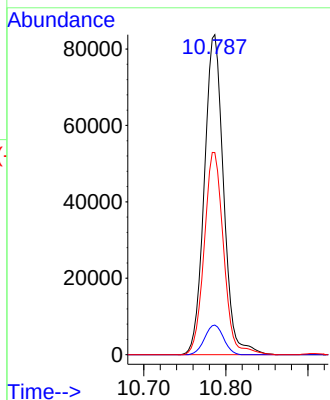
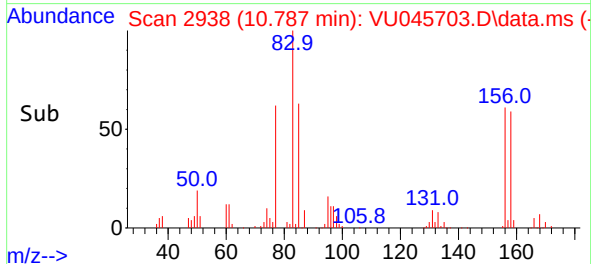
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



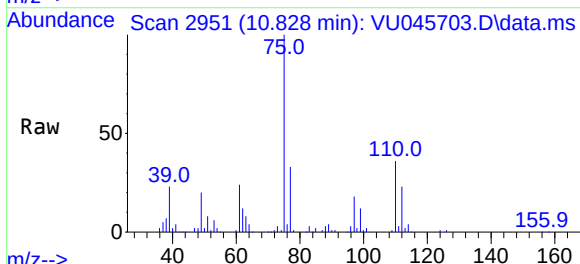
Tgt Ion: 83 Resp: 136559
Ion Ratio Lower Upper
83 100
131 9.1 4.4 13.2
85 63.6 31.9 95.9

Manual Integrations
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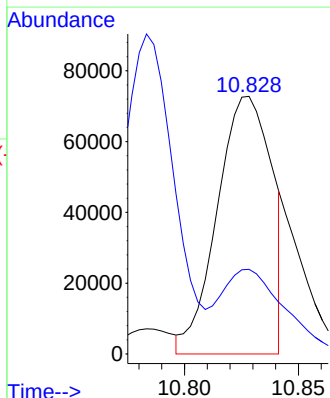
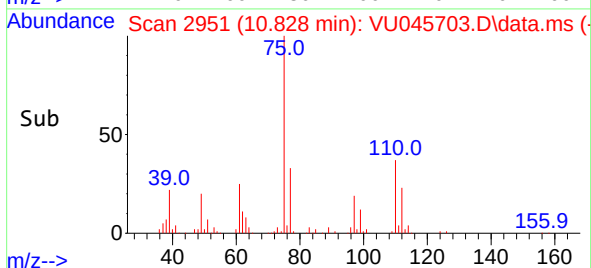
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/15/2021

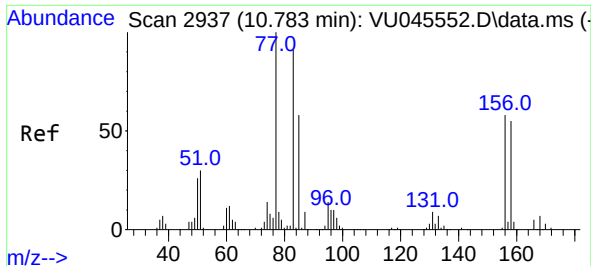


#76
1,2,3-Trichloropropane
Concen: 38.834 ug/l m
RT: 10.828 min Scan# 2951
Delta R.T. 0.003 min
Lab File: VU045703.D
Acq: 10 Nov 2021 21:31



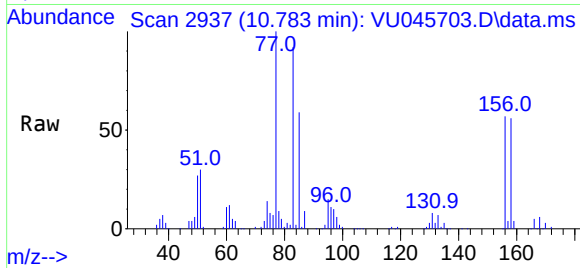
Tgt Ion: 75 Resp: 120896
Ion Ratio Lower Upper
75 100
77 39.2 17.1 51.3





#77
Bromobenzene
Concen: 50.951 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VU045703.D
Acq: 10 Nov 2021 21:31

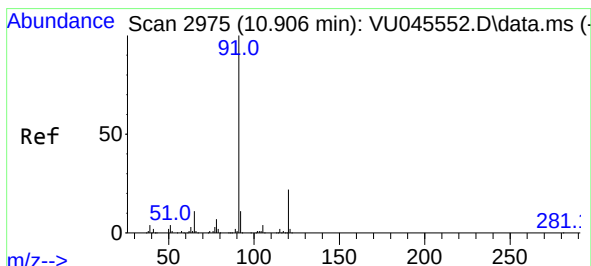
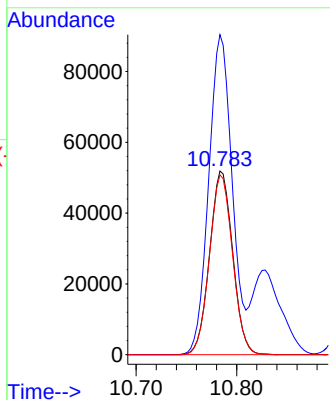
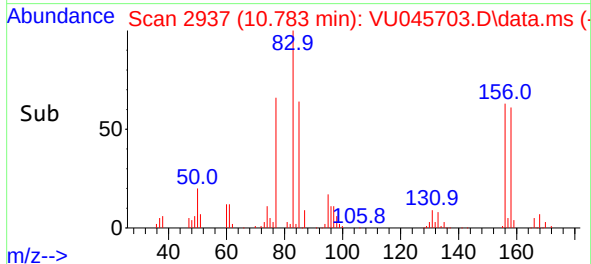
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



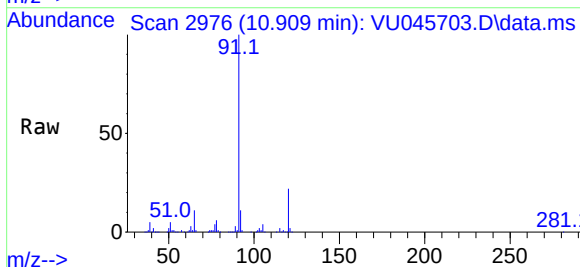
Tgt Ion:156 Resp: 82975
Ion Ratio Lower Upper
156 100
77 175.8 91.1 273.4
158 97.8 47.9 143.6

Manual Integrations
APPROVED

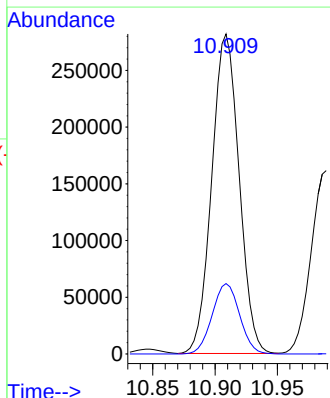
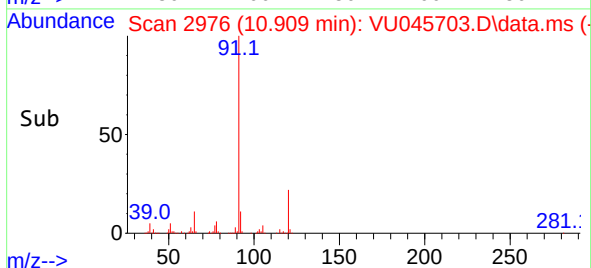
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/15/2021

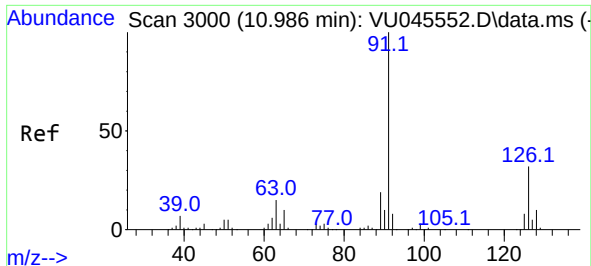


#78
n-propylbenzene
Concen: 51.503 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. 0.003 min
Lab File: VU045703.D
Acq: 10 Nov 2021 21:31



Tgt Ion: 91 Resp: 429949
Ion Ratio Lower Upper
91 100
120 22.1 10.9 32.7





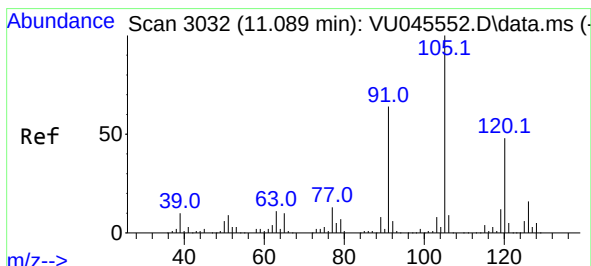
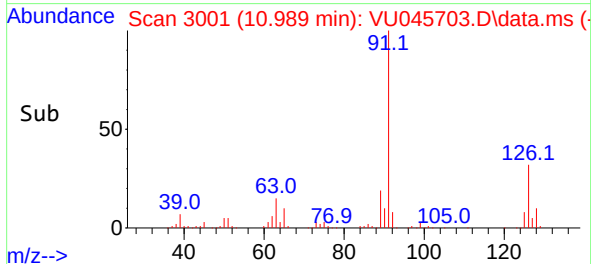
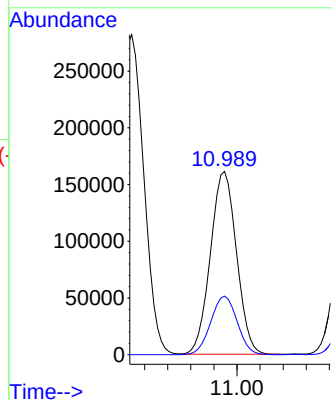
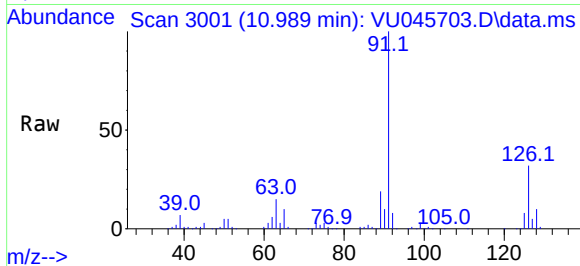
#79
2-Chlorotoluene
Concen: 51.315 ug/l
RT: 10.989 min Scan# 3000
Delta R.T. 0.003 min
Lab File: VU045703.D
Acq: 10 Nov 2021 21:31

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 25309
Ion Ratio Lower Upper
91 100
126 32.5 15.6 46.8

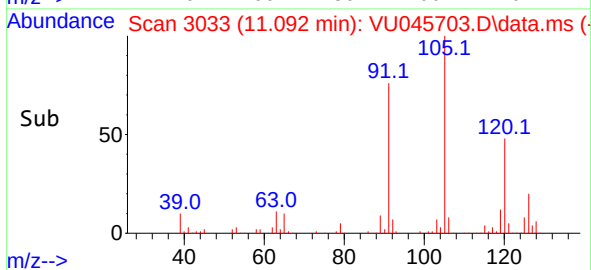
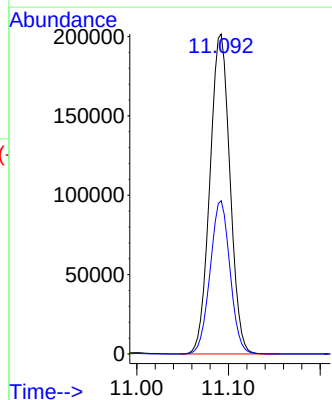
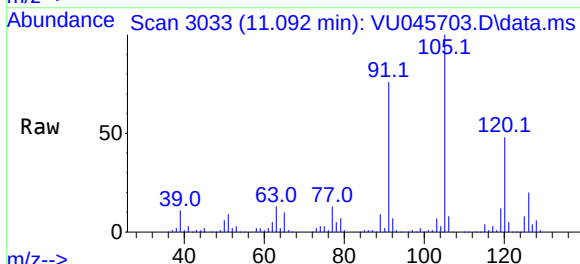
Manual Integrations
APPROVED

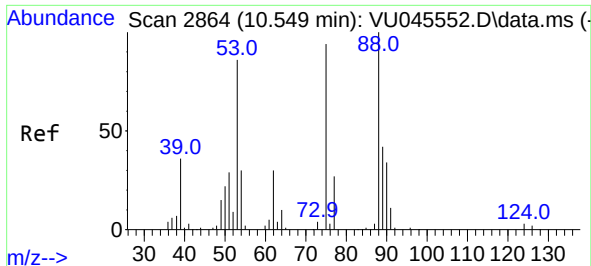
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/15/2021



#80
1,3,5-Trimethylbenzene
Concen: 52.312 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. 0.003 min
Lab File: VU045703.D
Acq: 10 Nov 2021 21:31

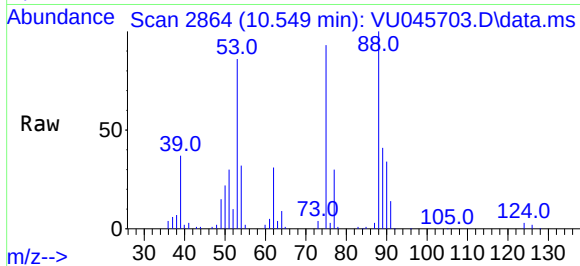
Tgt Ion:105 Resp: 306567
Ion Ratio Lower Upper
105 100
120 47.4 23.9 71.8





#81
trans-1,4-Dichloro-2-butene
Concen: 41.675 ug/l
RT: 10.549 min Scan# 2864
Delta R.T. -0.000 min
Lab File: VU045703.D
Acq: 10 Nov 2021 21:31

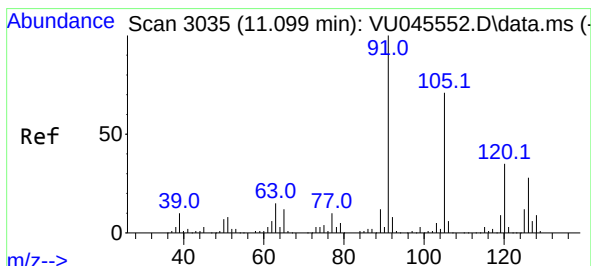
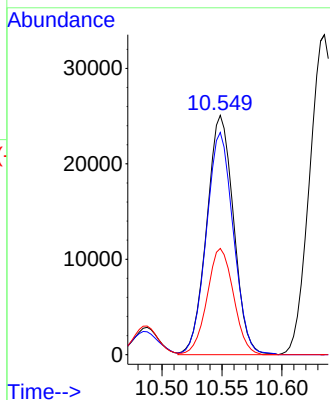
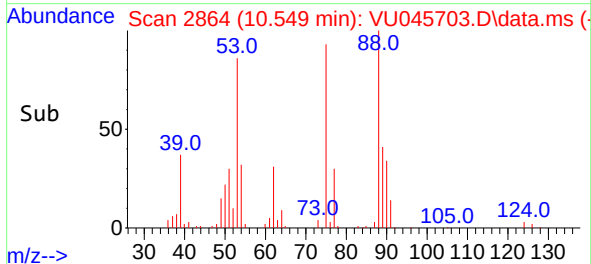
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



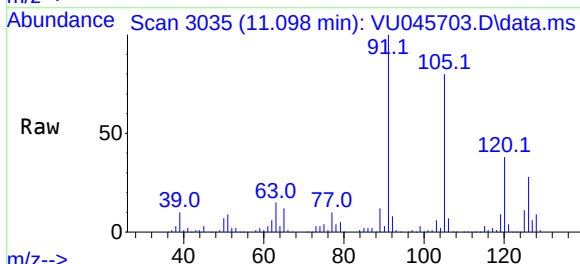
Tgt Ion: 75 Resp: 39100
Ion Ratio Lower Upper
75 100
53 93.6 76.2 114.4
89 43.7 34.0 51.0

Manual Integrations
APPROVED

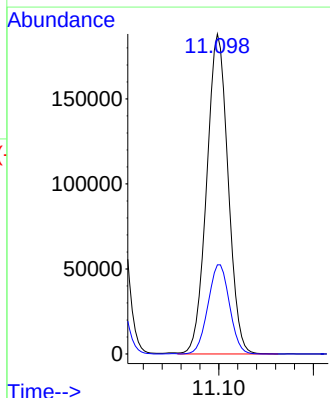
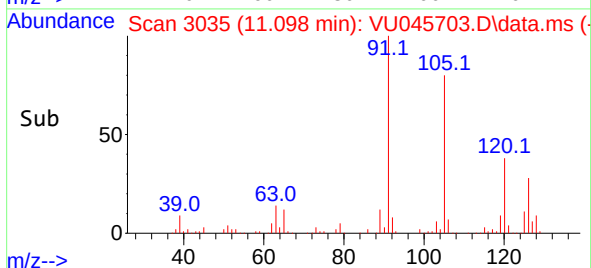
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/15/2021

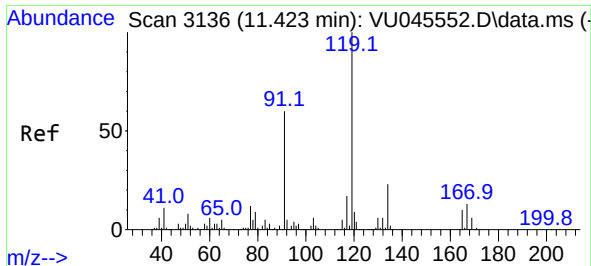


#82
4-Chlorotoluene
Concen: 51.062 ug/l
RT: 11.098 min Scan# 3035
Delta R.T. -0.000 min
Lab File: VU045703.D
Acq: 10 Nov 2021 21:31



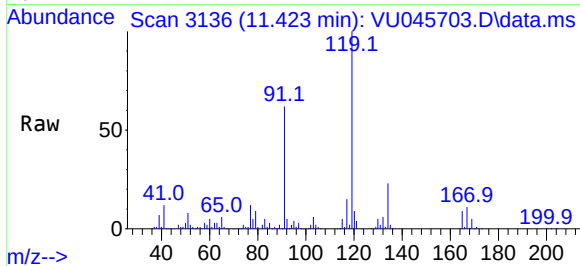
Tgt Ion: 91 Resp: 295353
Ion Ratio Lower Upper
91 100
126 28.0 13.8 41.4





#83
tert-Butylbenzene
Concen: 52.239 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. -0.000 min
Lab File: VU045703.D
Acq: 10 Nov 2021 21:31

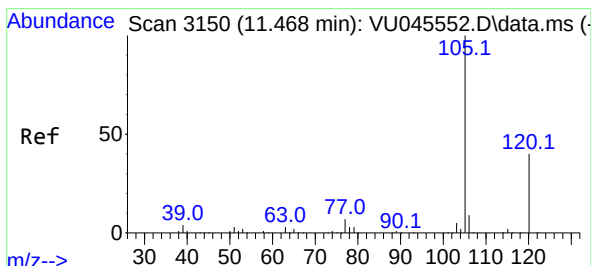
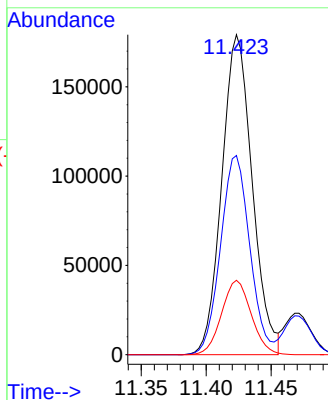
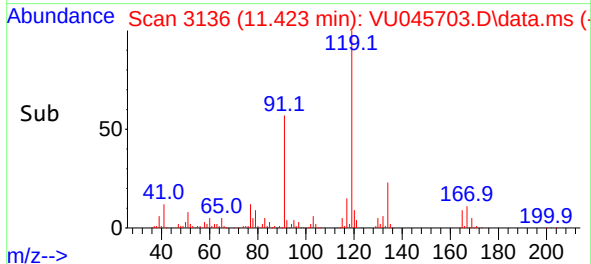
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



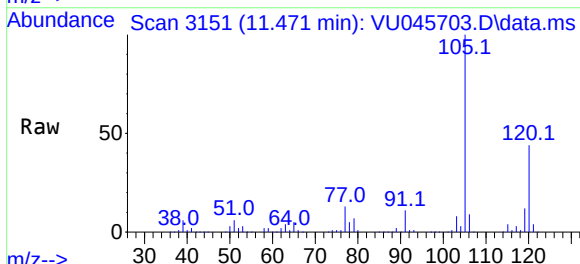
Tgt Ion:119 Resp: 291829
Ion Ratio Lower Upper
119 100
91 60.0 30.5 91.5
134 22.7 11.5 34.5

Manual Integrations
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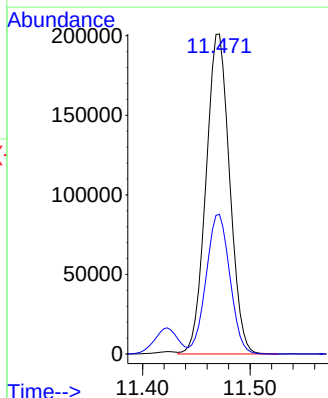
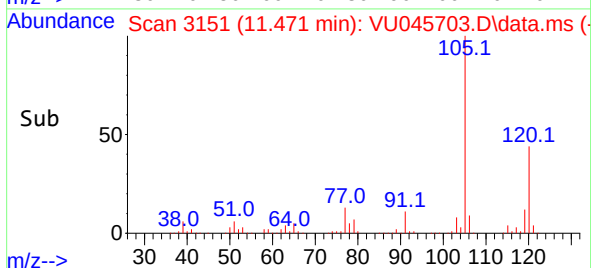
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/15/2021

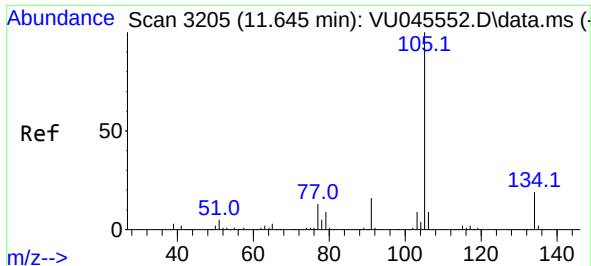


#84
1,2,4-Trimethylbenzene
Concen: 52.715 ug/l
RT: 11.471 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VU045703.D
Acq: 10 Nov 2021 21:31



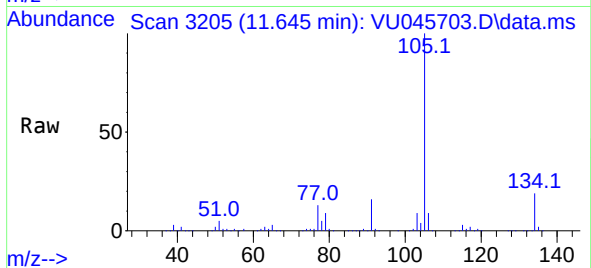
Tgt Ion:105 Resp: 307035
Ion Ratio Lower Upper
105 100
120 43.8 22.2 66.6





#85
 sec-Butylbenzene
 Concen: 51.955 ug/l
 RT: 11.645 min Scan# 3205
 Delta R.T. -0.000 min
 Lab File: VU045703.D
 Acq: 10 Nov 2021 21:31

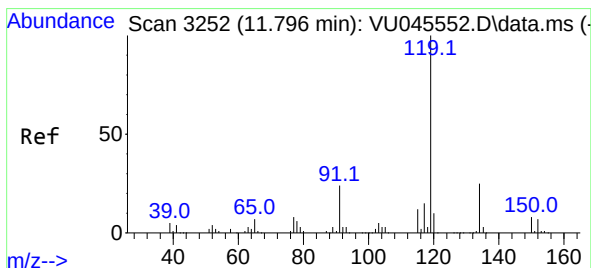
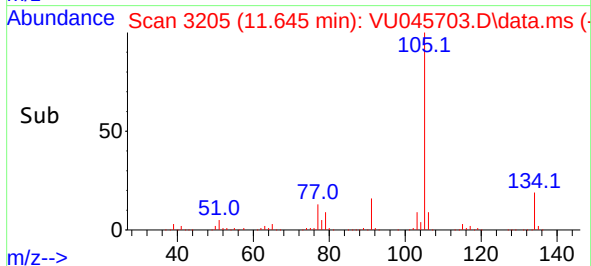
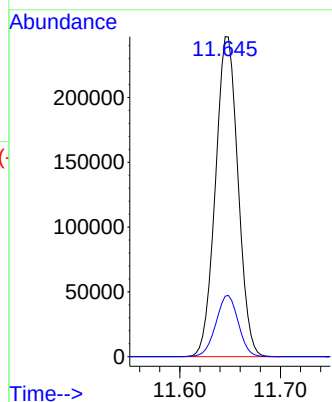
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050



Tgt Ion:105 Resp: 384929
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.4 28.3

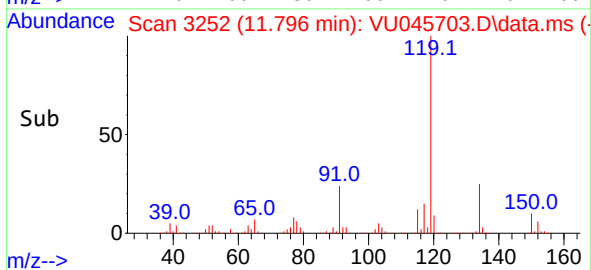
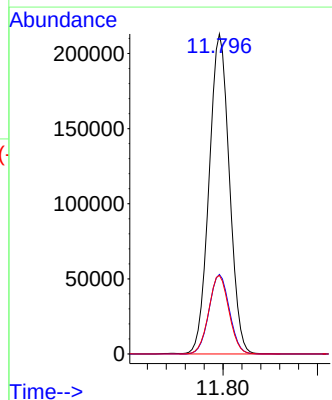
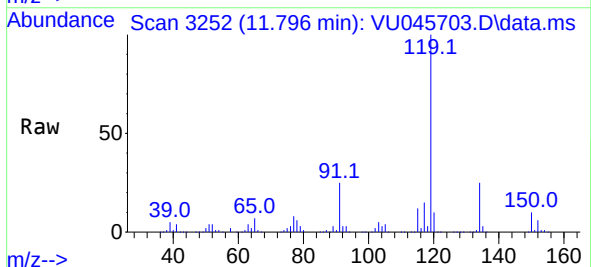
Manual Integrations
 APPROVED

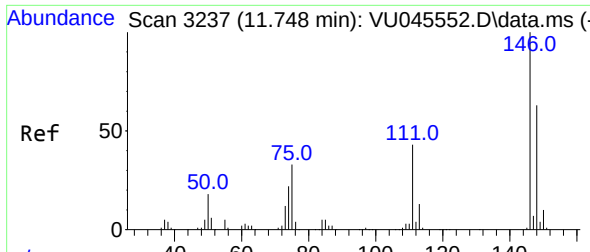
Reviewed By :John Carlone 11/11/2021
 Supervised By :Mahesh Dadoda 11/15/2021



#86
 p-Isopropyltoluene
 Concen: 51.187 ug/l
 RT: 11.796 min Scan# 3252
 Delta R.T. -0.000 min
 Lab File: VU045703.D
 Acq: 10 Nov 2021 21:31

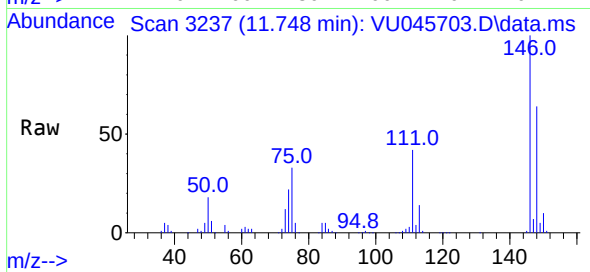
Tgt Ion:119 Resp: 316914
 Ion Ratio Lower Upper
 119 100
 134 24.9 12.7 38.1
 91 24.5 12.2 36.4





#87
1,3-Dichlorobenzene
Concen: 48.816 ug/l
RT: 11.748 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU045703.D
Acq: 10 Nov 2021 21:31

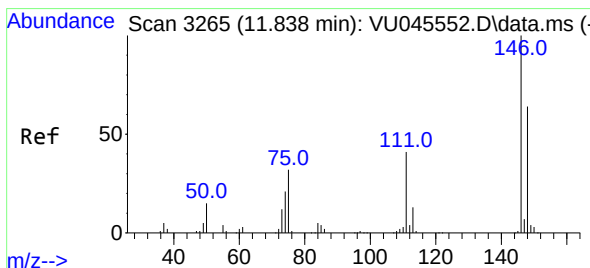
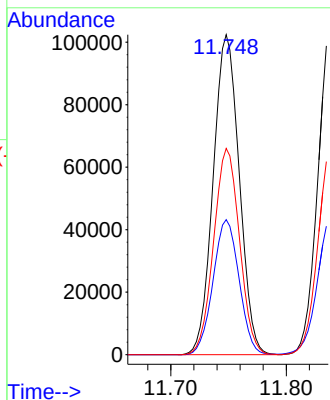
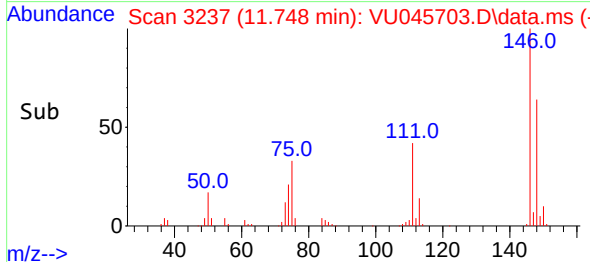
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



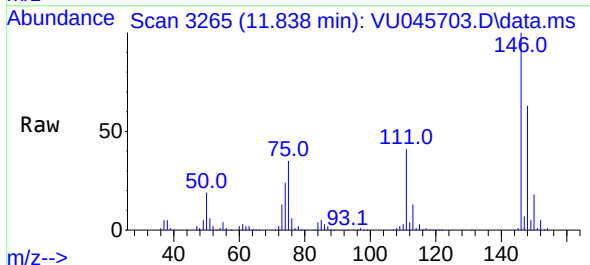
Tgt Ion:146 Resp: 16040
Ion Ratio Lower Upper
146 100
111 42.2 21.3 63.9
148 64.0 31.7 95.1

Manual Integrations
APPROVED

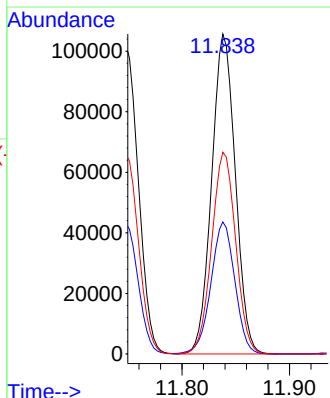
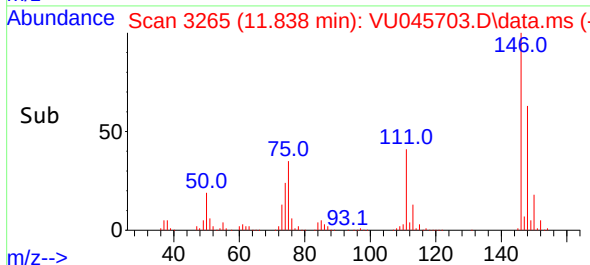
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/15/2021

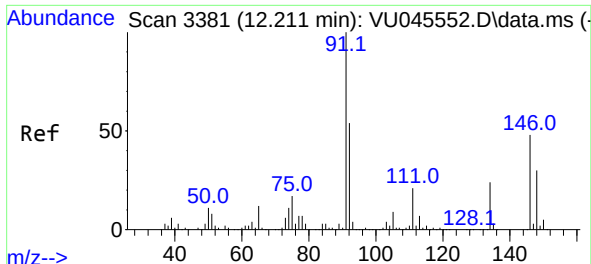


#88
1,4-Dichlorobenzene
Concen: 48.698 ug/l
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU045703.D
Acq: 10 Nov 2021 21:31



Tgt Ion:146 Resp: 161837
Ion Ratio Lower Upper
146 100
111 41.7 20.6 61.9
148 64.1 31.9 95.7





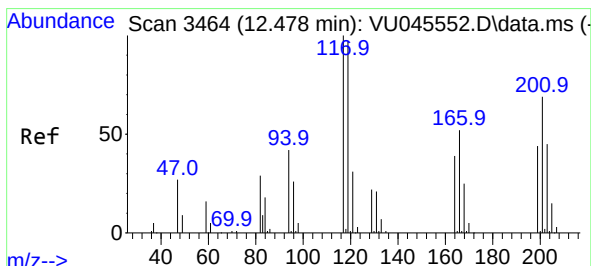
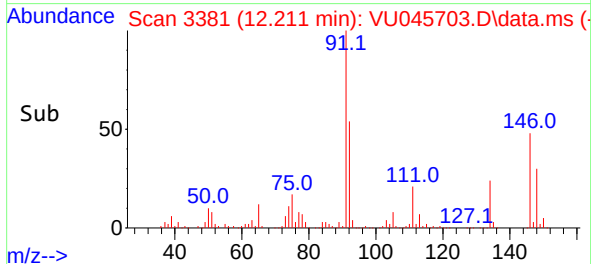
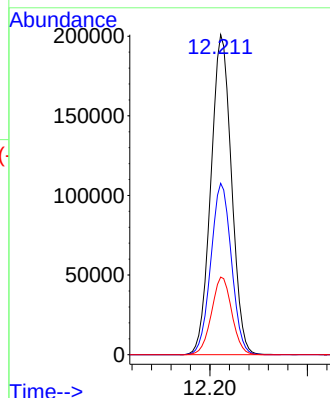
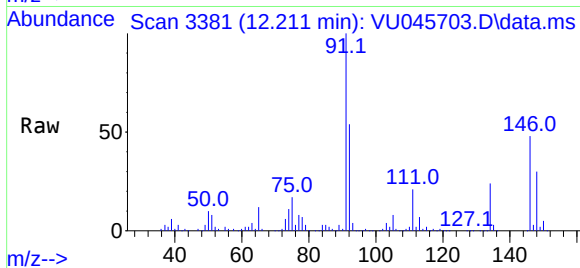
#89
n-Butylbenzene
Concen: 49.415 ug/l
RT: 12.211 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU045703.D
Acq: 10 Nov 2021 21:31

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 29470
Ion Ratio Lower Upper
91 100
92 53.5 27.1 81.2
134 23.9 11.8 35.4

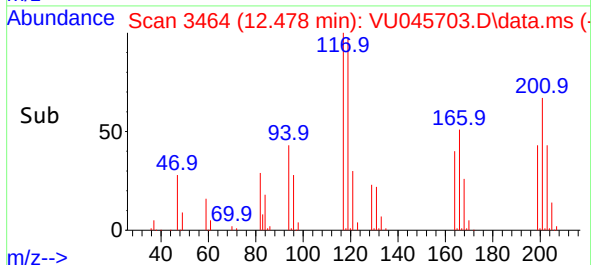
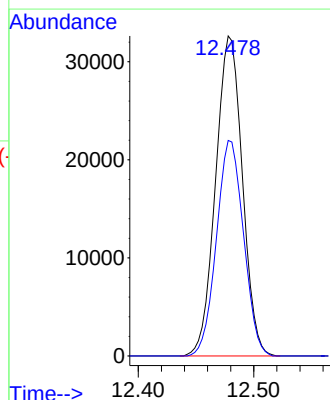
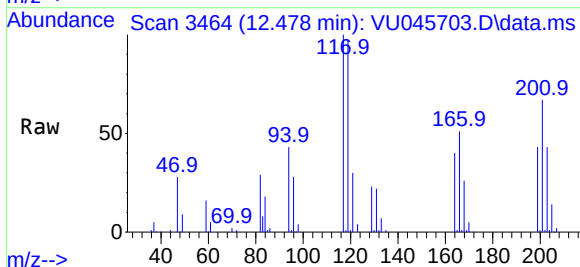
Manual Integrations
APPROVED

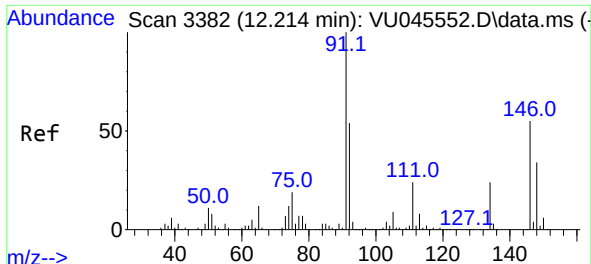
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/15/2021



#90
Hexachloroethane
Concen: 47.059 ug/l
RT: 12.478 min Scan# 3464
Delta R.T. -0.000 min
Lab File: VU045703.D
Acq: 10 Nov 2021 21:31

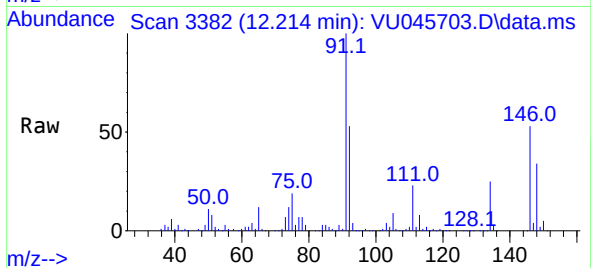
Tgt Ion:117 Resp: 52559
Ion Ratio Lower Upper
117 100
201 68.1 33.8 101.4





#91
1,2-Dichlorobenzene
Concen: 50.328 ug/l
RT: 12.214 min Scan# 3382
Delta R.T. -0.000 min
Lab File: VU045703.D
Acq: 10 Nov 2021 21:31

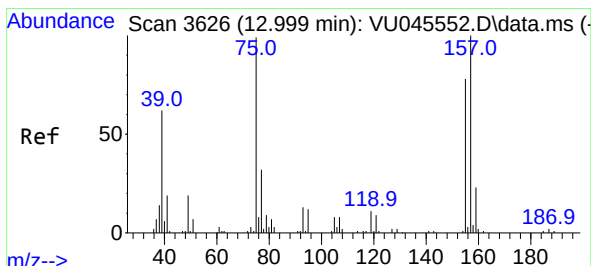
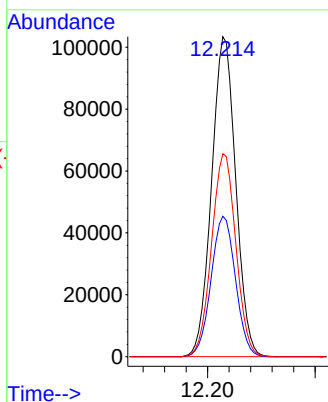
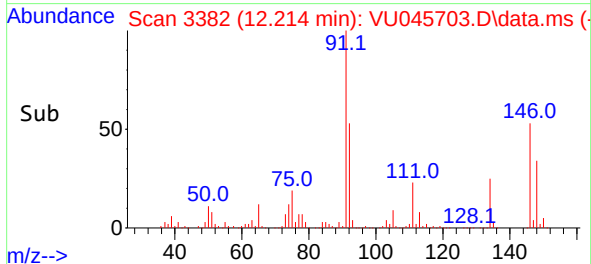
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



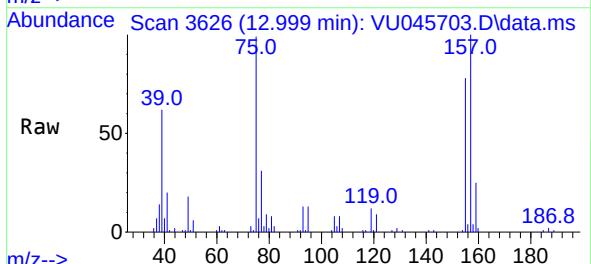
Tgt Ion:146 Resp: 160889
Ion Ratio Lower Upper
146 100
111 44.4 21.9 65.5
148 64.0 32.1 96.3

Manual Integrations
APPROVED

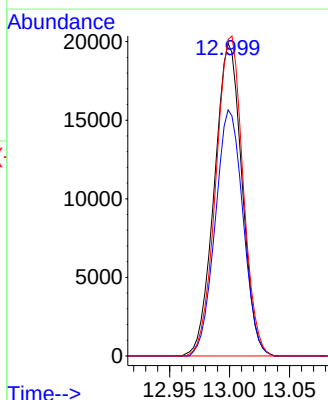
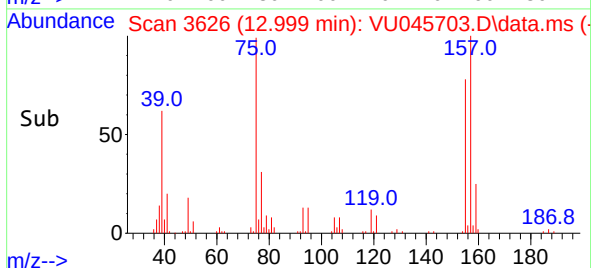
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/15/2021

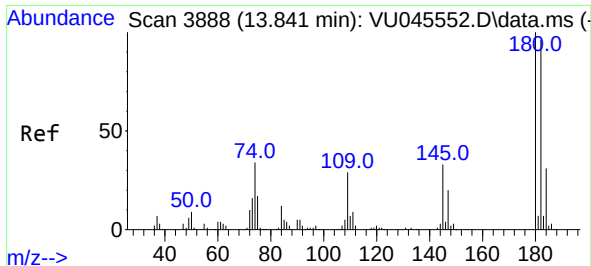


#92
1,2-Dibromo-3-Chloropropane
Concen: 50.736 ug/l
RT: 12.999 min Scan# 3626
Delta R.T. -0.000 min
Lab File: VU045703.D
Acq: 10 Nov 2021 21:31



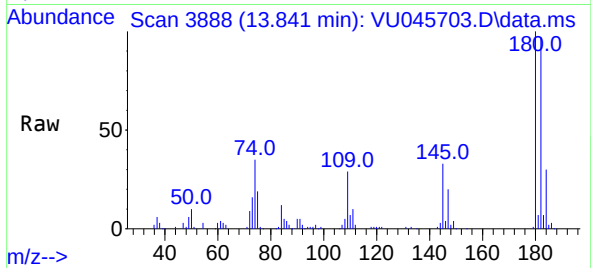
Tgt Ion: 75 Resp: 31814
Ion Ratio Lower Upper
75 100
155 79.2 37.8 113.3
157 100.6 48.4 145.2





#93
1,2,4-Trichlorobenzene
Concen: 47.711 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. -0.000 min
Lab File: VU045703.D
Acq: 10 Nov 2021 21:31

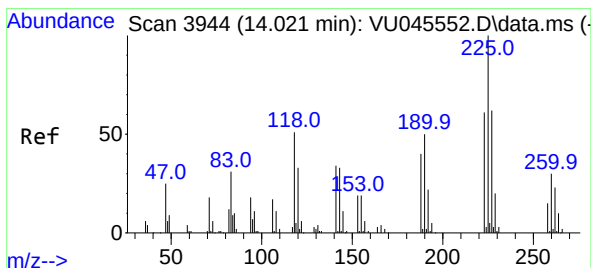
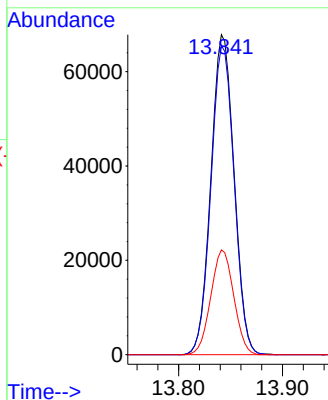
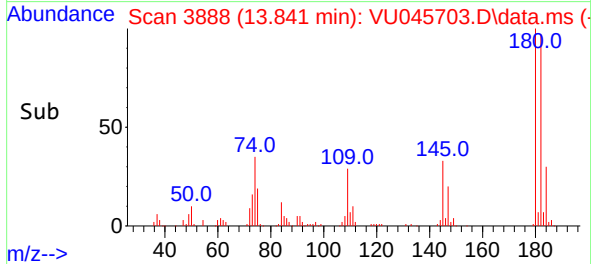
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



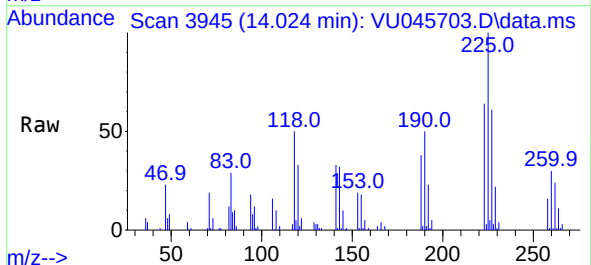
Tgt Ion:180 Resp: 105459
Ion Ratio Lower Upper
180 100
182 96.1 47.0 141.2
145 32.4 15.6 46.7

Manual Integrations
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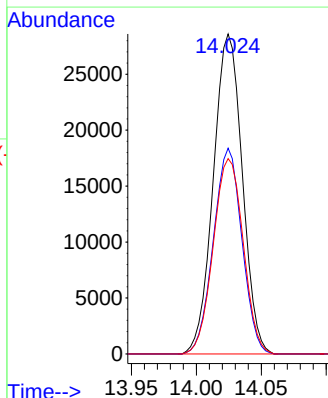
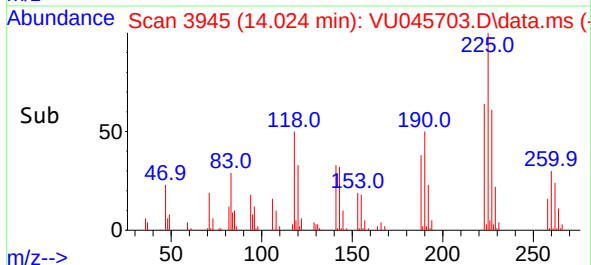
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/15/2021

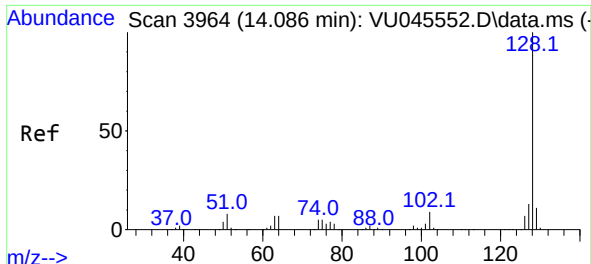


#94
Hexachlorobutadiene
Concen: 46.451 ug/l
RT: 14.024 min Scan# 3945
Delta R.T. 0.003 min
Lab File: VU045703.D
Acq: 10 Nov 2021 21:31



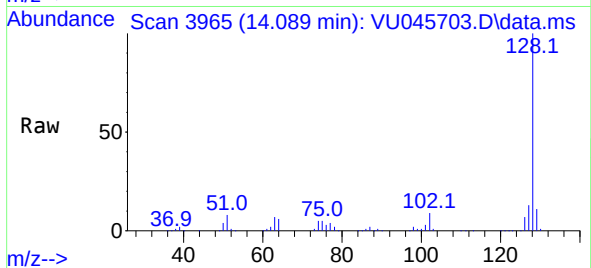
Tgt Ion:225 Resp: 44320
Ion Ratio Lower Upper
225 100
223 63.4 32.0 96.2
227 63.0 31.1 93.5





#95
Naphthalene
Concen: 48.047 ug/l
RT: 14.089 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU045703.D
Acq: 10 Nov 2021 21:31

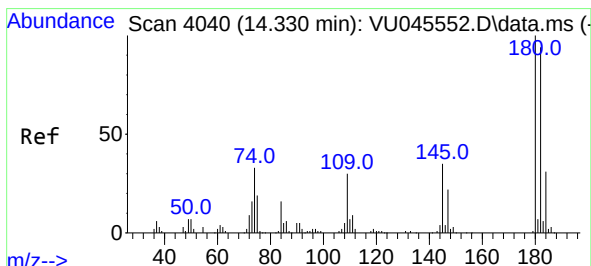
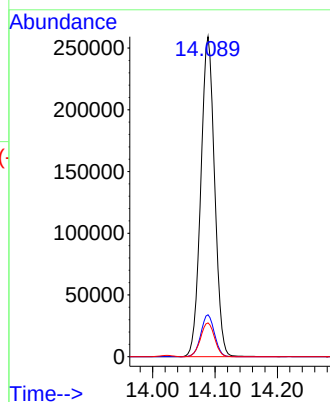
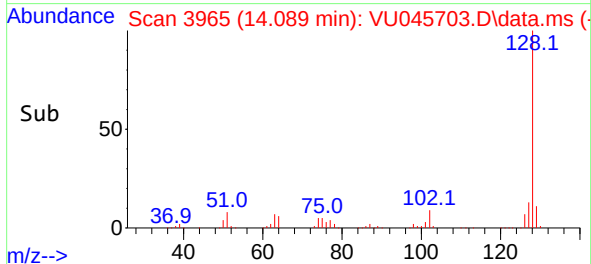
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050



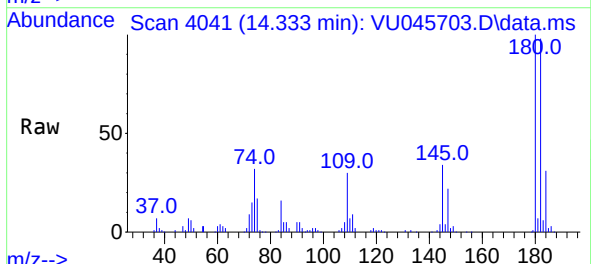
Tgt Ion:128 Resp: 398915
Ion Ratio Lower Upper
128 100
127 12.9 10.6 15.8
129 10.8 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/15/2021



#96
1,2,3-Trichlorobenzene
Concen: 50.208 ug/l
RT: 14.333 min Scan# 4041
Delta R.T. 0.003 min
Lab File: VU045703.D
Acq: 10 Nov 2021 21:31



Tgt Ion:180 Resp: 110231
Ion Ratio Lower Upper
180 100
182 96.2 47.7 143.1
145 34.3 16.7 50.0

