

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112221\
 Data File : VU045929.D
 Acq On : 22 Nov 2021 20:54
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Nov 23 05:20:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 05 13:35:16 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.378	168	102640	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	178460	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	178371	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	95238	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.706	65	71477	46.500	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.000%		
35) Dibromofluoromethane	5.292	113	56566	47.475	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.960%		
50) Toluene-d8	7.899	98	214433	48.399	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.800%		
62) 4-Bromofluorobenzene	10.635	95	82477	46.424	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.840%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	70544	53.010	ug/l	99
3) Chloromethane	1.523	50	70247	46.135	ug/l	99
4) Vinyl Chloride	1.607	62	75453	50.870	ug/l	99
5) Bromomethane	1.861	94	42569	51.455	ug/l	99
6) Chloroethane	1.938	64	45052	46.542	ug/l	100
7) Trichlorofluoromethane	2.144	101	101699	51.851	ug/l	100
8) Diethyl Ether	2.382	74	40028	51.556	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.587	101	58606	51.171	ug/l	97
10) Methyl Iodide	2.729	142	60129	40.119	ug/l	91
11) Tert butyl alcohol	3.279	59	86079m	282.920	ug/l	
12) 1,1-Dichloroethene	2.584	96	58205	51.545	ug/l	95
13) Acrolein	2.497	56	10847	246.019	ug/l	97
14) Allyl chloride	2.928	41	95915	47.570	ug/l	98
15) Acrylonitrile	3.327	53	231342	284.792	ug/l	98
16) Acetone	2.655	43	187104	239.115	ug/l	97
17) Carbon Disulfide	2.800	76	160280	50.674	ug/l	99
18) Methyl Acetate	2.957	43	132135	49.579	ug/l	96
19) Methyl tert-butyl Ether	3.369	73	207544	51.059	ug/l	99
20) Methylene Chloride	3.051	84	68158	50.130	ug/l	98
21) trans-1,2-Dichloroethene	3.359	96	63227	53.820	ug/l	92
22) Diisopropyl ether	3.996	45	192720	48.678	ug/l	91
23) Vinyl Acetate	3.960	43	793724	260.669	ug/l	99
24) 1,1-Dichloroethane	3.874	63	120529	51.088	ug/l	100
25) 2-Butanone	4.719	43	287887	265.266	ug/l	98
26) 2,2-Dichloropropane	4.671	77	92905	47.522	ug/l	99
27) cis-1,2-Dichloroethene	4.671	96	72955	52.873	ug/l	97
28) Bromochloromethane	4.980	49	53302	47.390	ug/l	92
29) Tetrahydrofuran	5.063	42	178123	268.320	ug/l	95
30) Chloroform	5.092	83	120681	51.722	ug/l	99
31) Cyclohexane	5.394	56	104274	46.491	ug/l	97
32) 1,1,1-Trichloroethane	5.321	97	105983	53.265	ug/l	96
36) 1,1-Dichloropropene	5.529	75	88642	50.940	ug/l	100
37) Ethyl Acetate	4.809	43	109473	54.767	ug/l	99
38) Carbon Tetrachloride	5.529	117	90622	51.656	ug/l	98
39) Methylcyclohexane	6.767	83	103260	48.370	ug/l	94
40) Benzene	5.777	78	260029	50.473	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.976	41	56054	53.064	ug/l	96
42) 1,2-Dichloroethane	5.800	62	96345	51.773	ug/l	99
43) Isopropyl Acetate	5.912	43	153119	50.082	ug/l	98
44) Trichloroethene	6.546	130	67445	54.691	ug/l	97
45) 1,2-Dichloropropane	6.793	63	69961	51.322	ug/l	97
46) Dibromomethane	6.922	93	49702	52.621	ug/l	98
47) Bromodichloromethane	7.108	83	94647	52.811	ug/l	96
48) Methyl methacrylate	6.960	41	68286	48.525	ug/l	90
49) 1,4-Dioxane	7.050	88	33583	927.987	ug/l #	39
51) 4-Methyl-2-Pentanone	7.793	43	537562	266.538	ug/l	99
52) Toluene	7.970	92	166987	52.943	ug/l	99
53) t-1,3-Dichloropropene	8.211	75	107313	52.101	ug/l	99
54) cis-1,3-Dichloropropene	7.610	75	113536	51.897	ug/l	94
55) 1,1,2-Trichloroethane	8.401	97	68854	52.672	ug/l	98
56) Ethyl methacrylate	8.333	69	106947	45.825	ug/l	96
57) 1,3-Dichloropropane	8.578	76	120604	51.224	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.465	63	274850	228.382	ug/l	98
59) 2-Hexanone	8.687	43	416276	237.592	ug/l	99
60) Dibromochloromethane	8.812	129	73427	53.943	ug/l	99
61) 1,2-Dibromoethane	8.925	107	76058	54.249	ug/l	99
64) Tetrachloroethene	8.555	164	62961	61.499	ug/l	98
65) Chlorobenzene	9.449	112	175217	50.010	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.536	131	63198	50.575	ug/l	99
67) Ethyl Benzene	9.571	91	322377	51.380	ug/l	100
68) m/p-Xylenes	9.693	106	250893	106.028	ug/l	99
69) o-Xylene	10.102	106	121130	52.653	ug/l	99
70) Styrene	10.115	104	205893	52.902	ug/l	98
71) Bromoform	10.291	173	55754	47.317	ug/l #	99
73) Isopropylbenzene	10.488	105	320341	51.479	ug/l	100
74) N-amyl acetate	10.320	43	124114	44.212	ug/l	96
75) 1,1,2,2-Tetrachloroethane	10.783	83	119815	48.598	ug/l	99
76) 1,2,3-Trichloropropane	10.825	75	135198	46.811	ug/l	94
77) Bromobenzene	10.783	156	75588	50.030	ug/l	94
78) n-propylbenzene	10.909	91	391293	50.523	ug/l	99
79) 2-Chlorotoluene	10.986	91	228325	49.899	ug/l	98
80) 1,3,5-Trimethylbenzene	11.089	105	277685	51.074	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.549	75	35058	40.377	ug/l	95
82) 4-Chlorotoluene	11.098	91	268905	50.111	ug/l	97
83) tert-Butylbenzene	11.423	119	254187	49.045	ug/l	99
84) 1,2,4-Trimethylbenzene	11.468	105	278409	51.523	ug/l	99
85) sec-Butylbenzene	11.645	105	345695	50.293	ug/l	100
86) p-Isopropyltoluene	11.796	119	288130	50.163	ug/l	100
87) 1,3-Dichlorobenzene	11.748	146	148416	48.687	ug/l	99
88) 1,4-Dichlorobenzene	11.838	146	152385	49.426	ug/l	100
89) n-Butylbenzene	12.211	91	262715	47.481	ug/l	99
90) Hexachloroethane	12.478	117	43324	41.811	ug/l	95
91) 1,2-Dichlorobenzene	12.214	146	148890	50.202	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.999	75	28672	49.286	ug/l	95
93) 1,2,4-Trichlorobenzene	13.841	180	100713	49.113	ug/l	99
94) Hexachlorobutadiene	14.021	225	41404	46.774	ug/l	99
95) Naphthalene	14.085	128	362903	47.134	ug/l	99
96) 1,2,3-Trichlorobenzene	14.330	180	100838	49.507	ug/l	99

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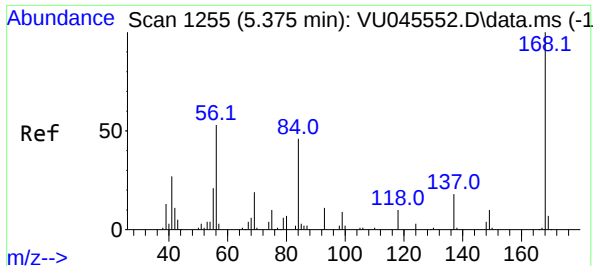
Manual Integrations
APPROVED

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Quant Time: Nov 23 05:20:13 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 05 13:35:16 2021
Response via : Initial Calibration

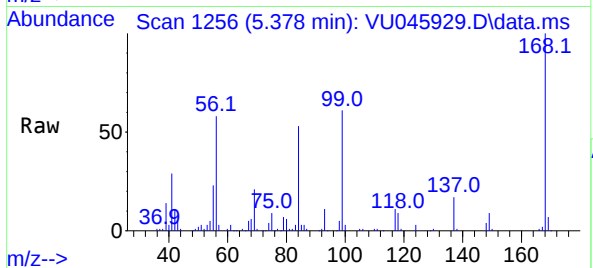
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU045929.D
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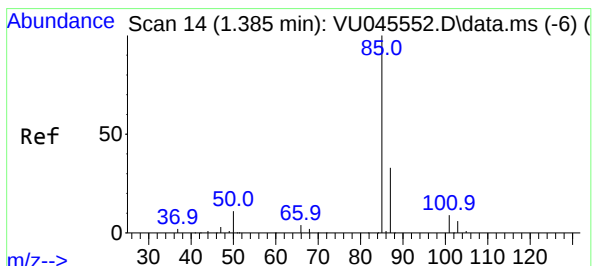
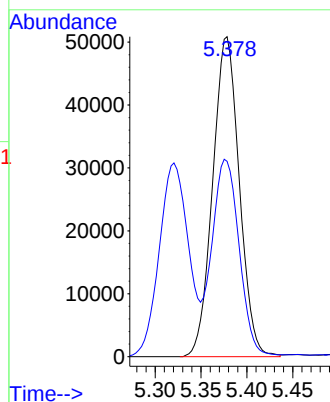
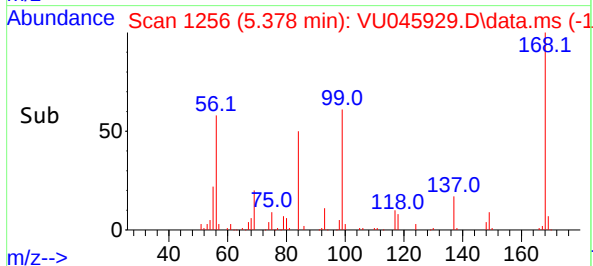
Instrument :
MSVOA_U
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VSTDCCC050EC



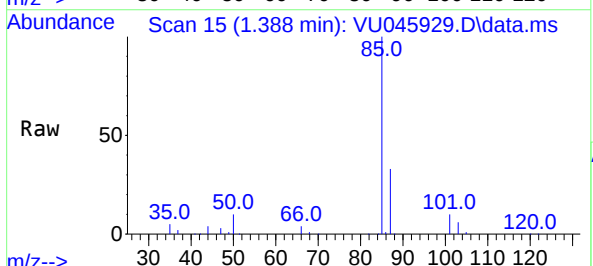
Tgt Ion:168 Resp: 102640
Ion Ratio Lower Upper
168 100
99 60.5 51.0 76.6

Manual Integrations
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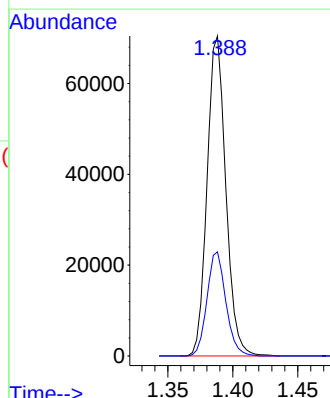
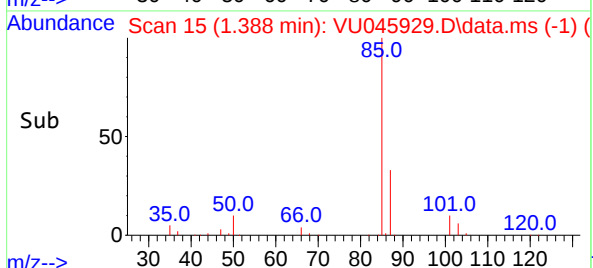
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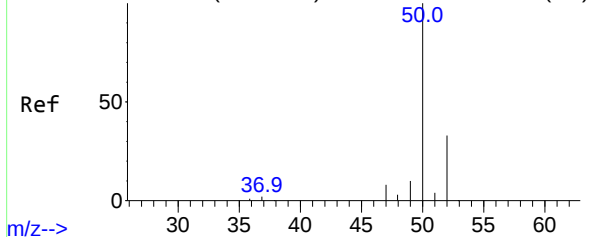
#2
Dichlorodifluoromethane
Concen: 53.010 ug/l
RT: 1.388 min Scan# 15
Delta R.T. 0.003 min
Lab File: VU045929.D
Acq: 22 Nov 2021 20:54



Tgt Ion: 85 Resp: 70544
Ion Ratio Lower Upper
85 100
87 32.5 15.9 47.7



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



#3

Chloromethane

Concen: 46.135 ug/l

RT: 1.523 min Scan# 51

Delta R.T. -0.000 min

Lab File: VU045929.D

Acq: 22 Nov 2021 20:54

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 50 Resp: 7024

Ion Ratio Lower Upper

50 100

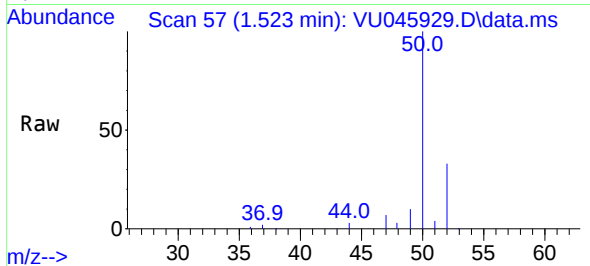
52 32.7 26.6 40.0

Manual Integrations

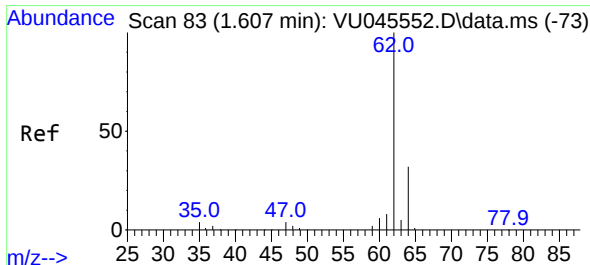
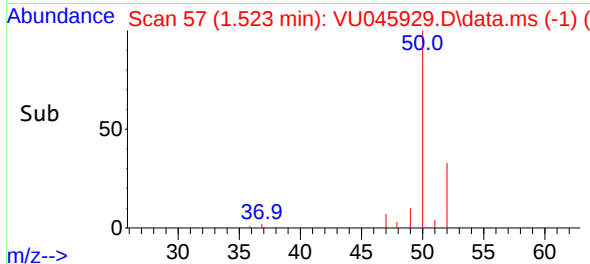
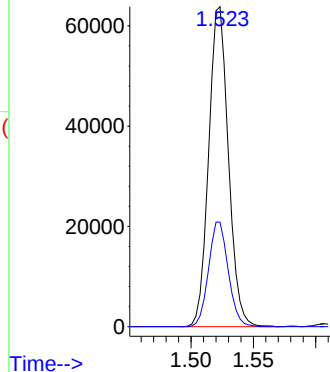
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Abundance



#4

Vinyl Chloride

Concen: 50.870 ug/l

RT: 1.607 min Scan# 83

Delta R.T. -0.000 min

Lab File: VU045929.D

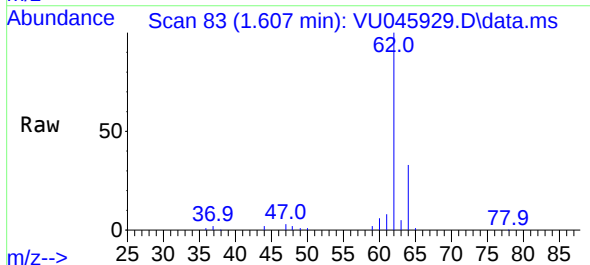
Acq: 22 Nov 2021 20:54

Tgt Ion: 62 Resp: 75453

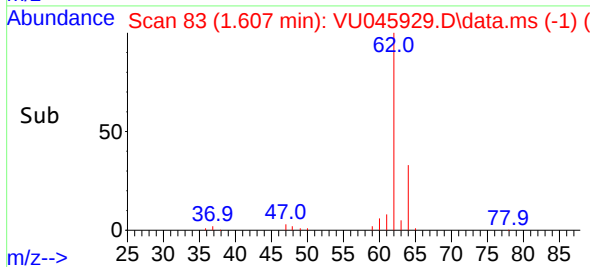
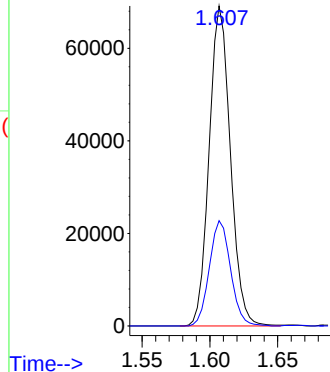
Ion Ratio Lower Upper

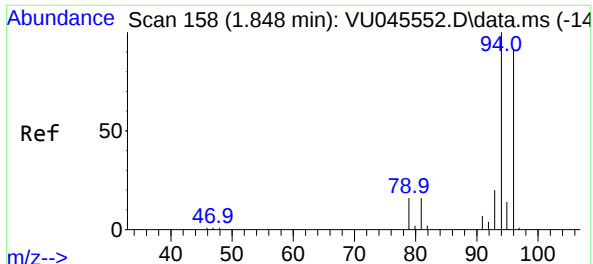
62 100

64 32.9 25.8 38.6



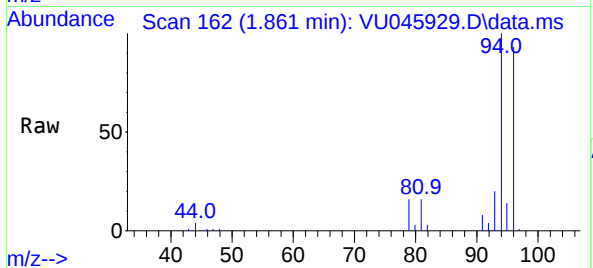
Abundance





#5
Bromomethane
Concen: 51.455 ug/l
RT: 1.861 min Scan# 1
Delta R.T. 0.013 min
Lab File: VU045929.D
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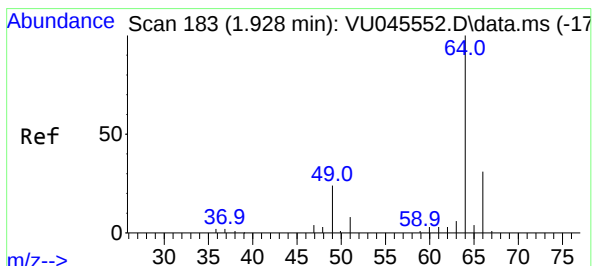
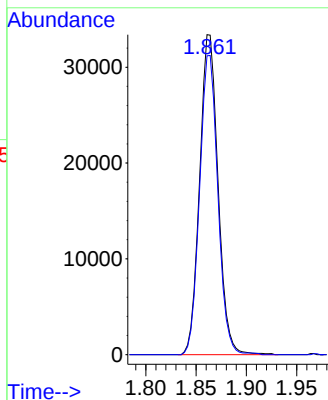
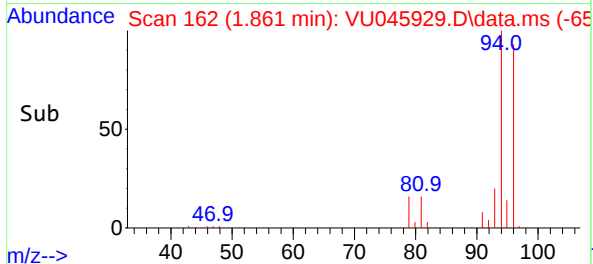
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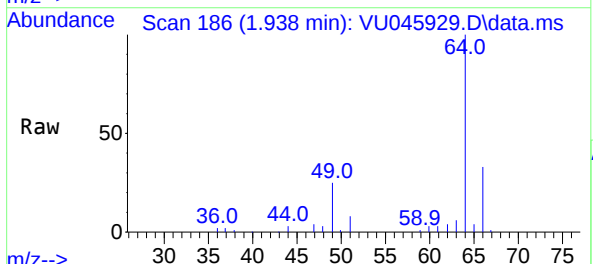
Tgt Ion: 94 Resp: 42569
Ion Ratio Lower Upper
94 100
96 93.4 75.4 113.2

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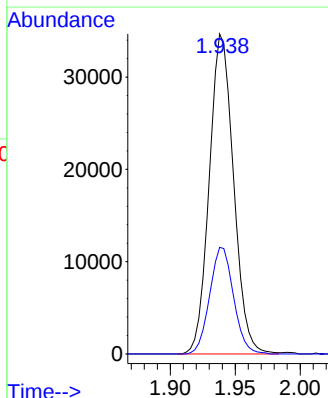
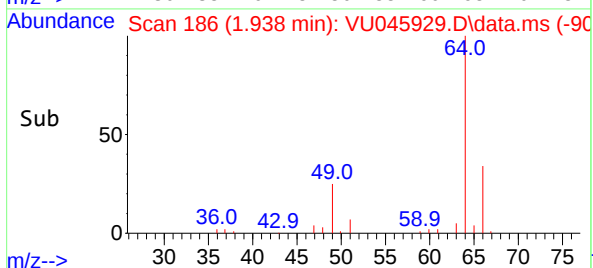
Reviewed By :John Carlone 11/23/2021
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#6
Chloroethane
Concen: 46.542 ug/l
RT: 1.938 min Scan# 186
Delta R.T. 0.010 min
Lab File: VU045929.D
Acq: 22 Nov 2021 20:54



Tgt Ion: 64 Resp: 45052
Ion Ratio Lower Upper
64 100
66 33.3 26.7 40.1





#7
Trichlorofluoromethane
Concen: 51.851 ug/l
RT: 2.144 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU045929.D
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Instrument :

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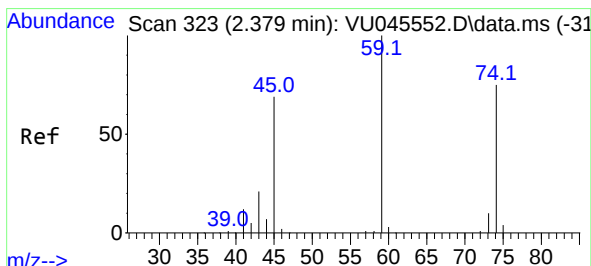
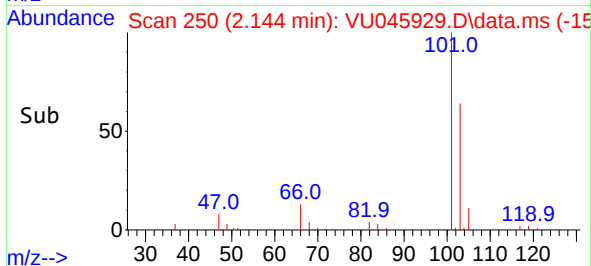
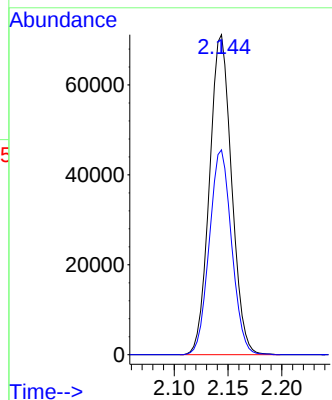
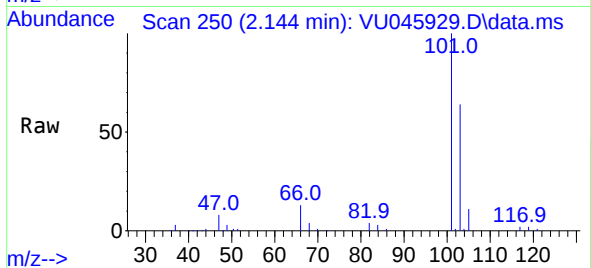
VSTDCCC050EC

Tgt Ion:101 Resp: 101699
Ion Ratio Lower Upper
101 100
103 64.0 51.4 77.0

Manual Integrations

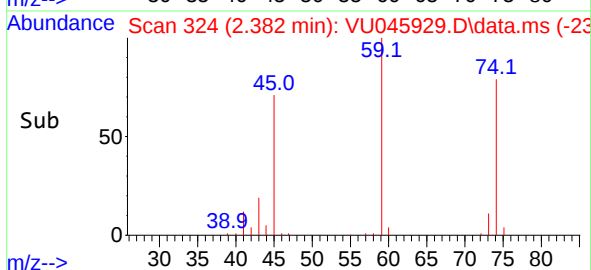
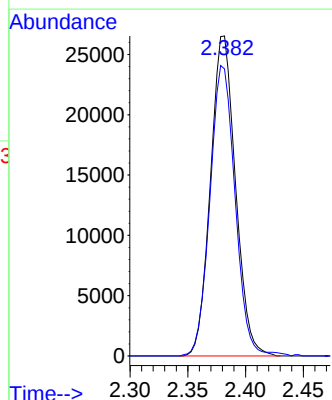
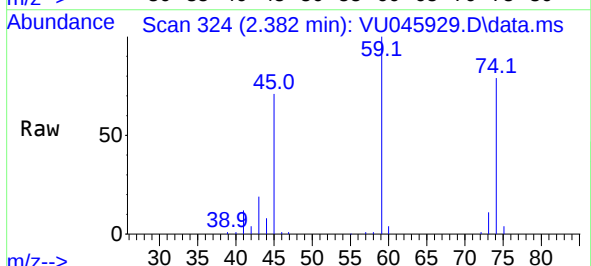
APPROVED

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#8
Diethyl Ether
Concen: 51.556 ug/l
RT: 2.382 min Scan# 324
Delta R.T. 0.003 min
Lab File: VU045929.D
Acq: 22 Nov 2021 20:54

Tgt Ion: 74 Resp: 40028
Ion Ratio Lower Upper
74 100
45 91.2 47.3 141.8





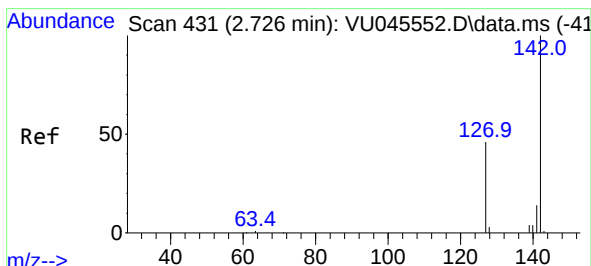
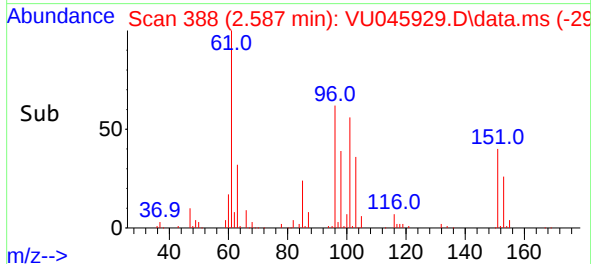
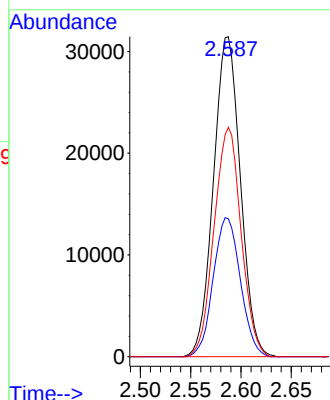
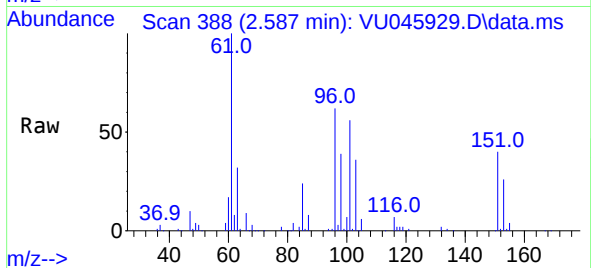
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1,1,2-Trichlorotrifluoroethane
Concen: 51.171 ug/l
RT: 2.587 min Scan# 387
Delta R.T. 0.003 min
Lab File: VU045929.D
Acq: 22 Nov 2021 20:54

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Tgt Ion:101 Resp: 58600
Ion Ratio Lower Upper
101 100
85 43.7 35.0 52.4
151 71.9 54.6 82.0

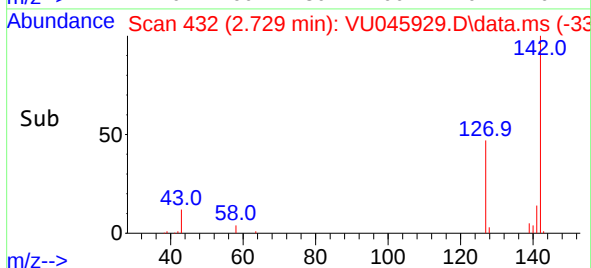
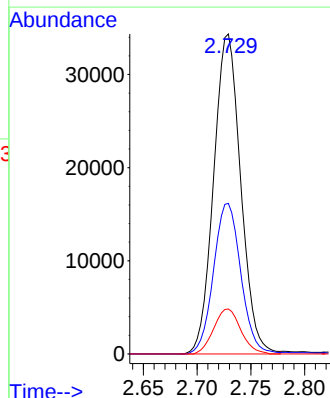
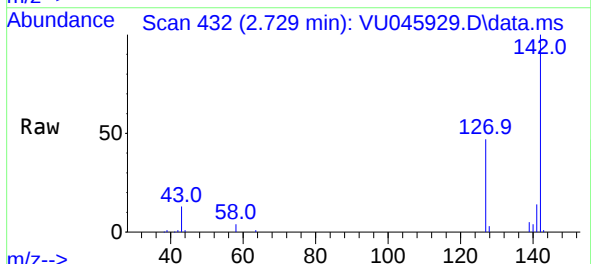
Manual Integrations
APPROVED

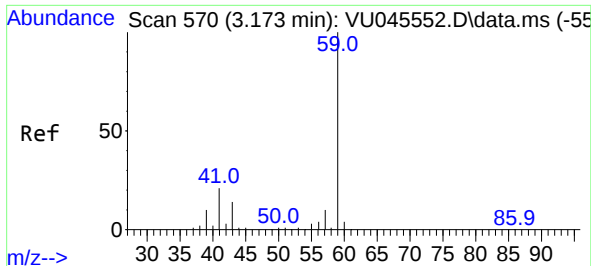
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021



#10
Methyl Iodide
Concen: 40.119 ug/l
RT: 2.729 min Scan# 432
Delta R.T. 0.003 min
Lab File: VU045929.D
Acq: 22 Nov 2021 20:54

Tgt Ion:142 Resp: 60129
Ion Ratio Lower Upper
142 100
127 47.5 32.2 48.2
141 14.1 11.3 16.9





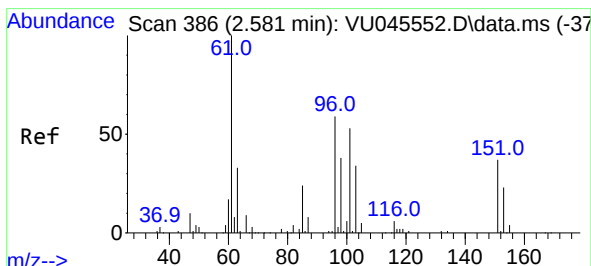
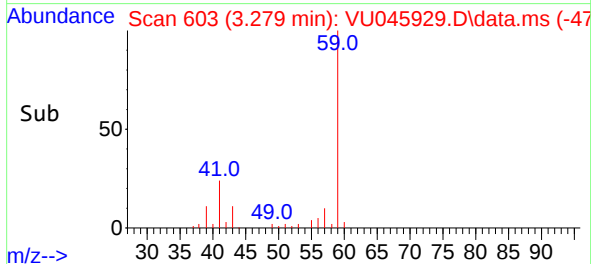
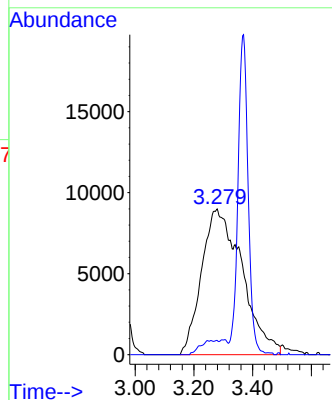
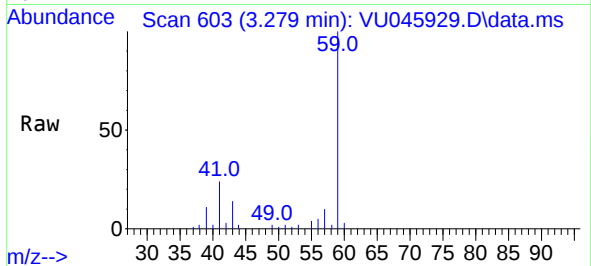
#11
Tert butyl alcohol
Concen: 282.920 ug/l m
RT: 3.279 min Scan# 60
Delta R.T. 0.106 min
Lab File: VU045929.D
Acq: 22 Nov 2021 20:54

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 86079
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5

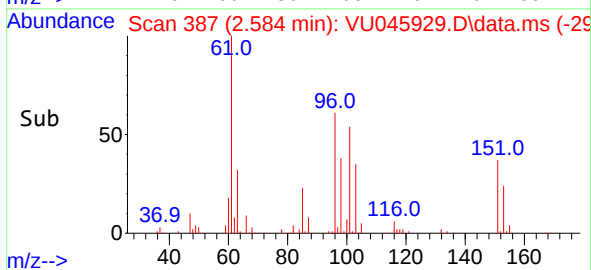
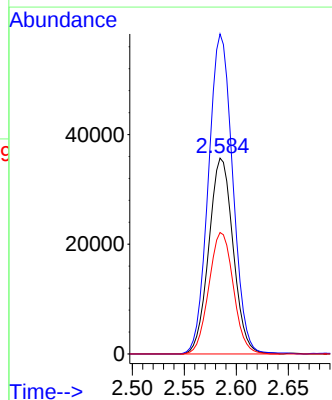
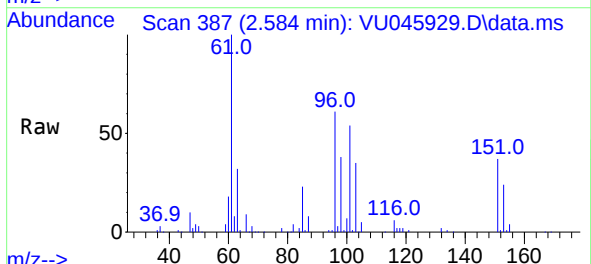
Manual Integrations
APPROVED

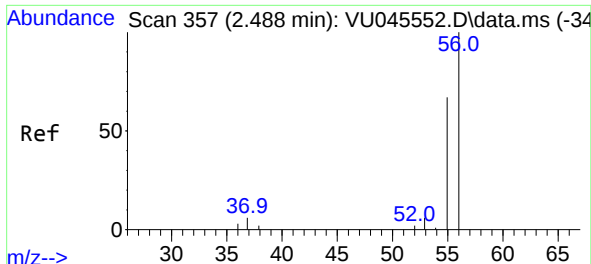
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021



#12
1,1-Dichloroethene
Concen: 51.545 ug/l
RT: 2.584 min Scan# 387
Delta R.T. 0.003 min
Lab File: VU045929.D
Acq: 22 Nov 2021 20:54

Tgt Ion: 96 Resp: 58205
Ion Ratio Lower Upper
96 100
61 163.5 137.1 205.7
98 62.1 51.5 77.3





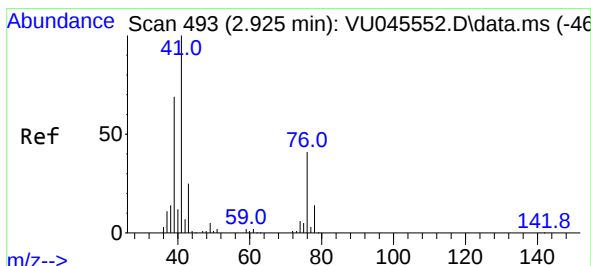
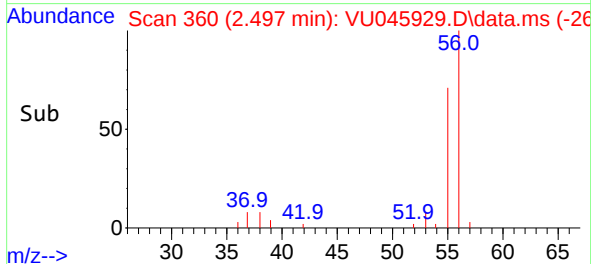
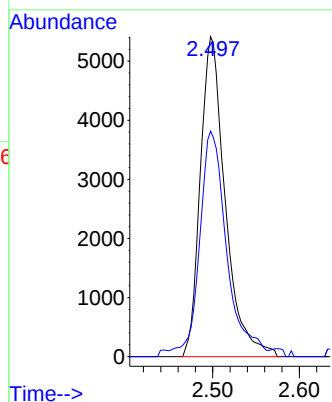
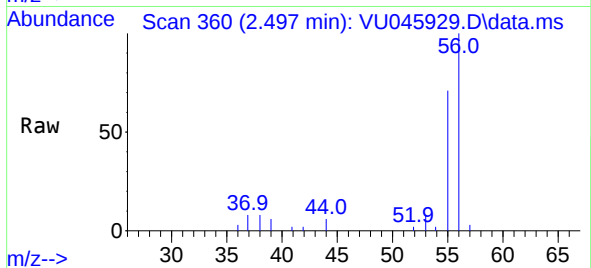
#13
Acrolein
Concen: 246.019 ug/l
RT: 2.497 min Scan# 30
Delta R.T. 0.010 min
Lab File: VU045929.D
Acq: 22 Nov 2021 20:54

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 1084
Ion Ratio Lower Upper
56 100
55 72.5 56.3 84.5

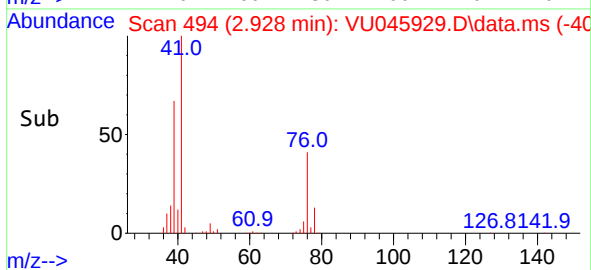
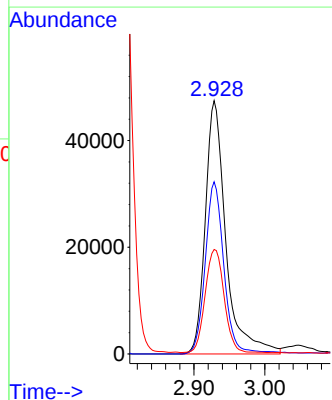
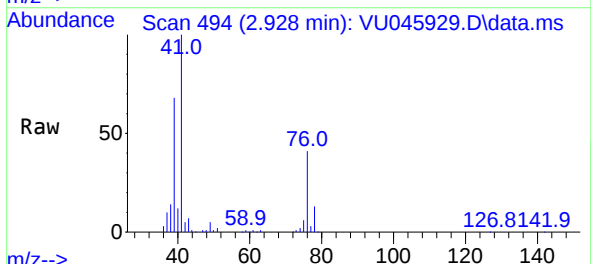
Manual Integrations
APPROVED

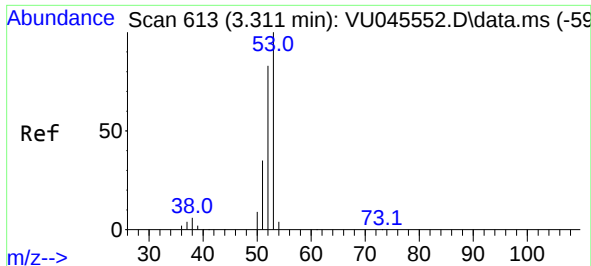
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021



#14
Allyl chloride
Concen: 47.570 ug/l
RT: 2.928 min Scan# 494
Delta R.T. 0.003 min
Lab File: VU045929.D
Acq: 22 Nov 2021 20:54

Tgt Ion: 41 Resp: 95915
Ion Ratio Lower Upper
41 100
39 62.1 49.7 74.5
76 37.4 27.7 41.5





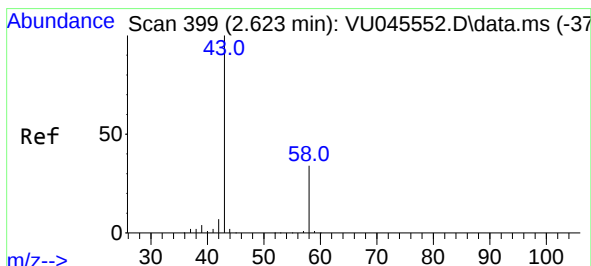
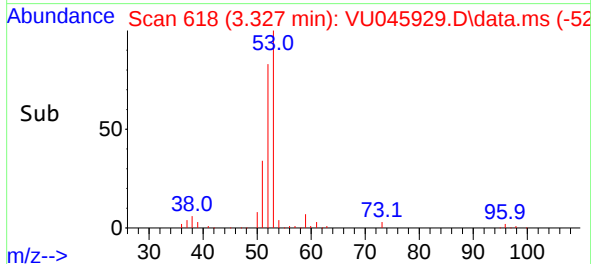
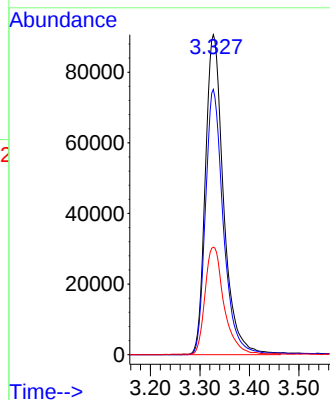
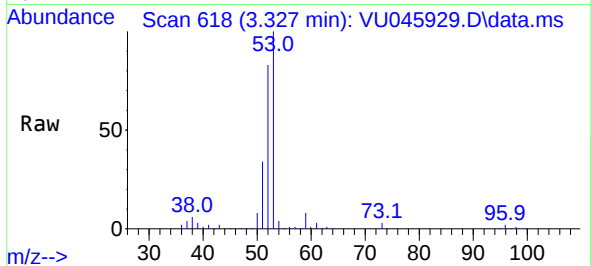
#15
Acrylonitrile
Concen: 284.792 ug/l
RT: 3.327 min Scan# 61
Delta R.T. 0.016 min
Lab File: VU045929.D
Acq: 22 Nov 2021 20:54

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 53 Resp: 23134
Ion Ratio Lower Upper
53 100
52 81.5 66.6 100.0
51 34.5 28.4 42.6

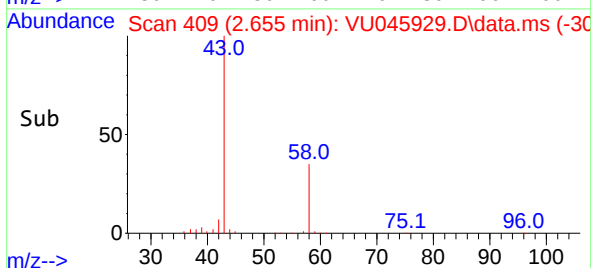
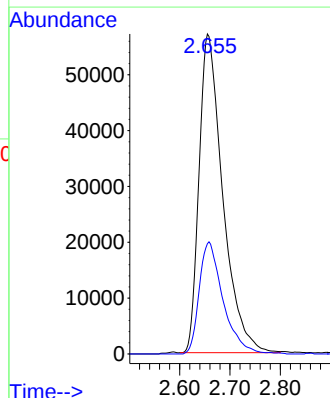
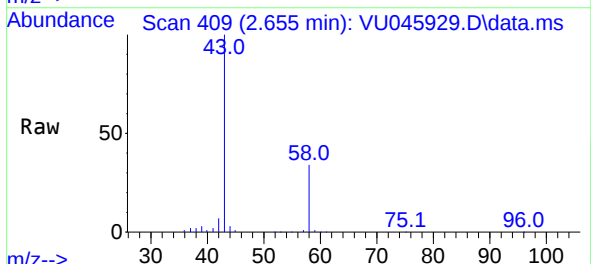
Manual Integrations
APPROVED

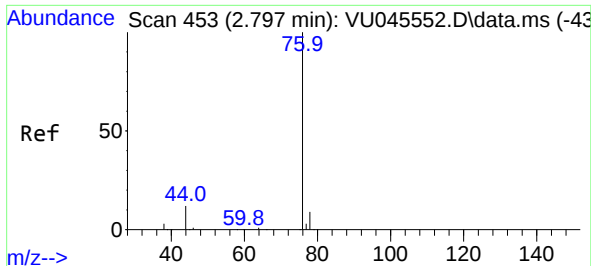
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021



#16
Acetone
Concen: 239.115 ug/l
RT: 2.655 min Scan# 409
Delta R.T. 0.032 min
Lab File: VU045929.D
Acq: 22 Nov 2021 20:54

Tgt Ion: 43 Resp: 187104
Ion Ratio Lower Upper
43 100
58 34.6 26.2 39.2





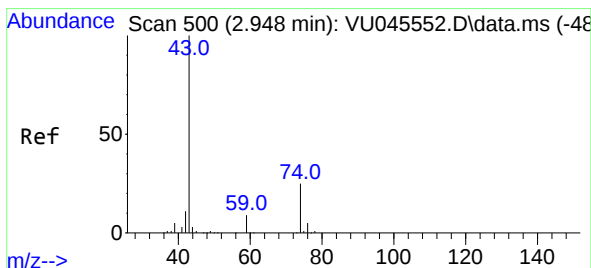
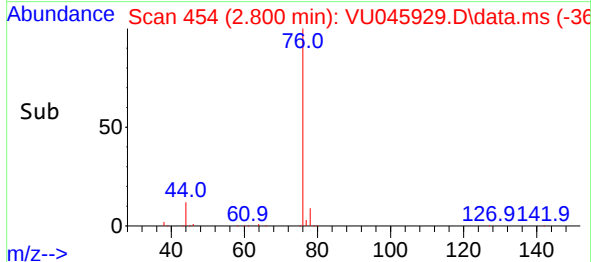
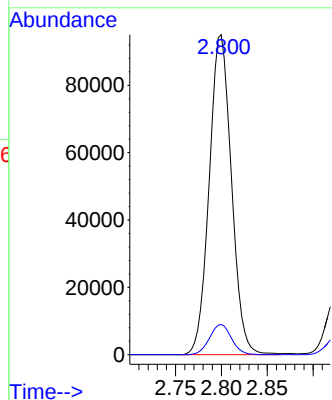
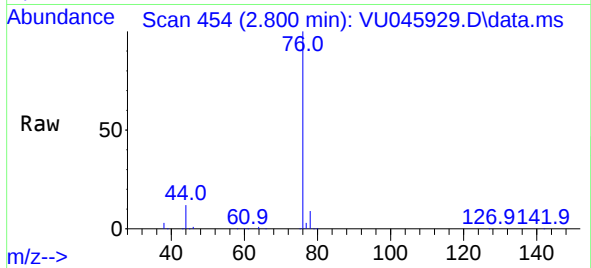
#17
Carbon Disulfide
Concen: 50.674 ug/l
RT: 2.800 min Scan# 41
Delta R.T. 0.003 min
Lab File: VU045929.D
Acq: 22 Nov 2021 20:54

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 160280
Ion Ratio Lower Upper
76 100
78 9.5 7.3 10.9

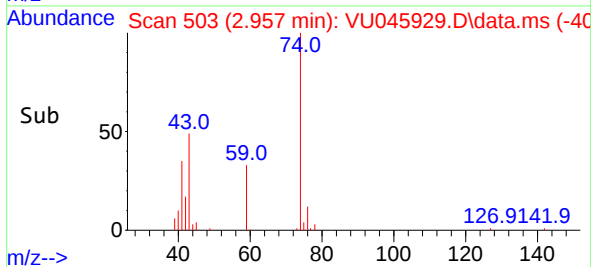
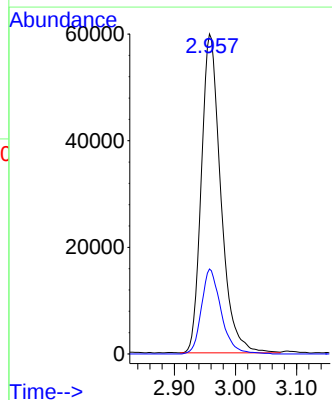
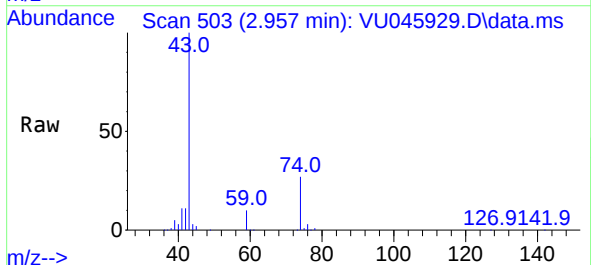
Manual Integrations
APPROVED

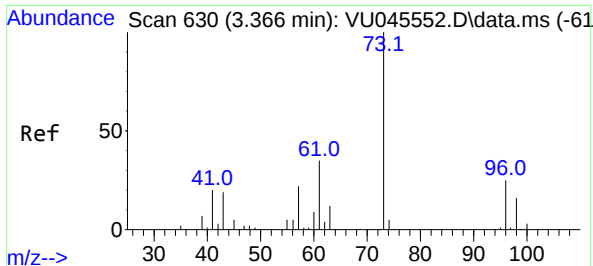
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021



#18
Methyl Acetate
Concen: 49.579 ug/l
RT: 2.957 min Scan# 503
Delta R.T. 0.010 min
Lab File: VU045929.D
Acq: 22 Nov 2021 20:54

Tgt Ion: 43 Resp: 132135
Ion Ratio Lower Upper
43 100
74 27.0 20.2 30.2





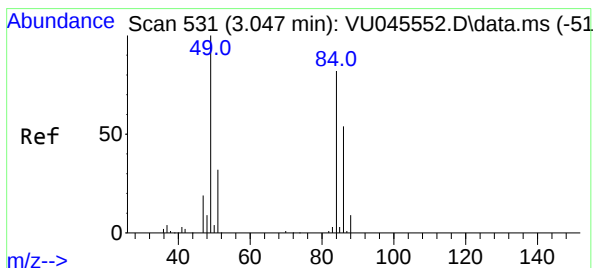
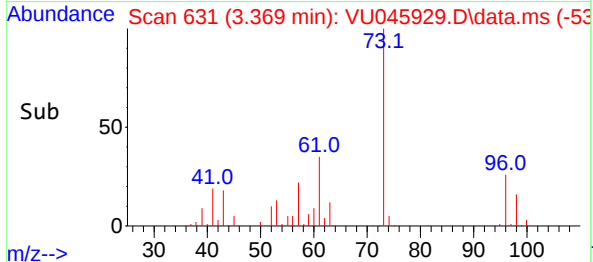
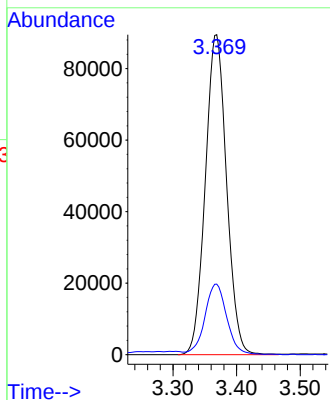
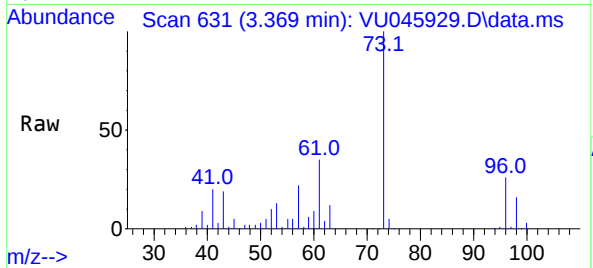
#19
Methyl tert-butyl Ether
Concen: 51.059 ug/l
RT: 3.369 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU045929.D
Acq: 22 Nov 2021 20:54

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 207544
Ion Ratio Lower Upper
73 100
57 22.0 18.1 27.1

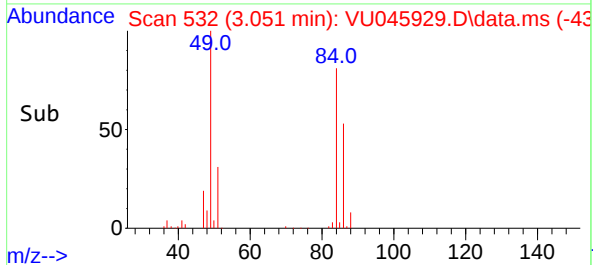
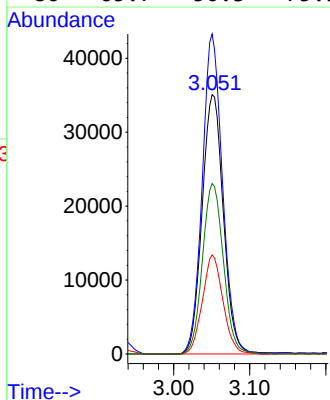
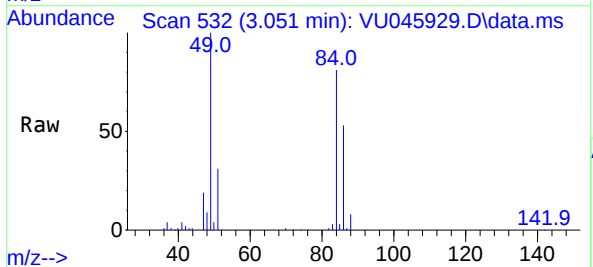
Manual Integrations
APPROVED

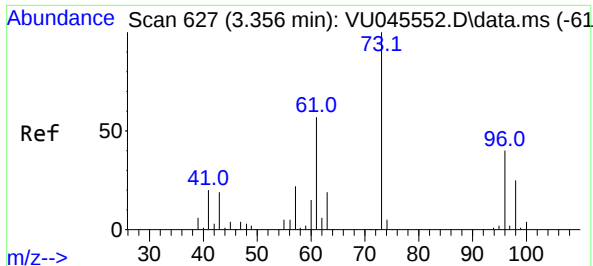
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021



#20
Methylene Chloride
Concen: 50.130 ug/l
RT: 3.051 min Scan# 532
Delta R.T. 0.003 min
Lab File: VU045929.D
Acq: 22 Nov 2021 20:54

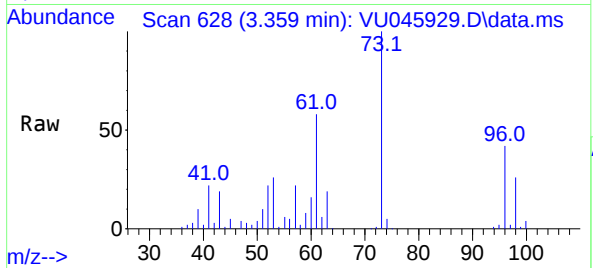
Tgt Ion: 84 Resp: 68158
Ion Ratio Lower Upper
84 100
49 123.3 96.4 144.6
51 38.2 30.5 45.7
86 65.7 50.3 75.5





#21
trans-1,2-Dichloroethene
Concen: 53.820 ug/l
RT: 3.359 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU045929.D
Acq: 22 Nov 2021 20:54

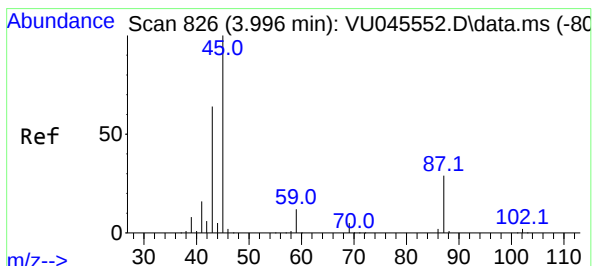
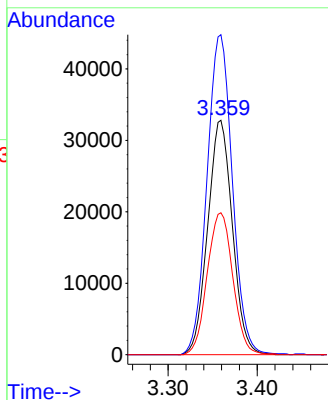
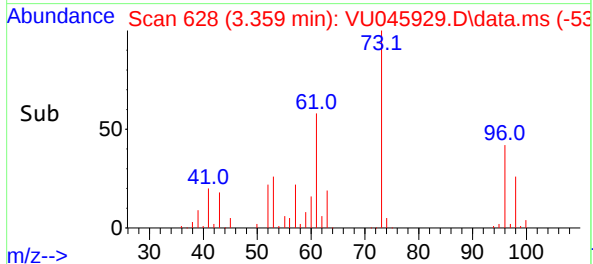
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



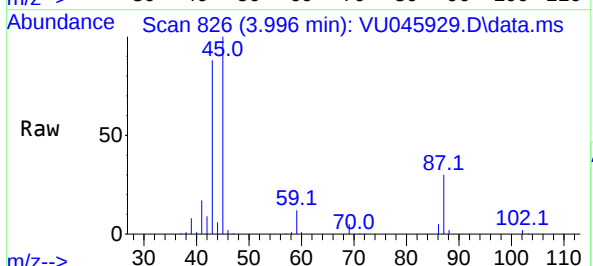
Tgt Ion: 96 Resp: 6322
Ion Ratio Lower Upper
96 100
61 136.5 118.2 177.4
98 60.5 52.1 78.1

Manual Integrations
APPROVED

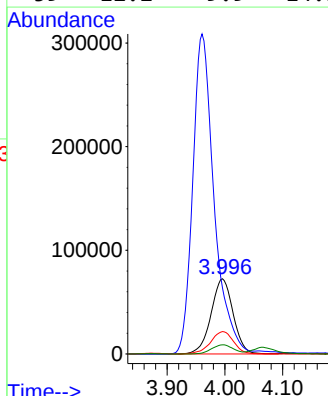
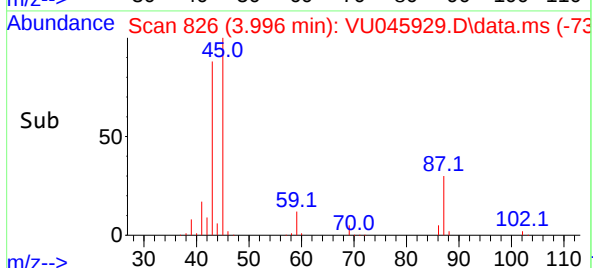
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021

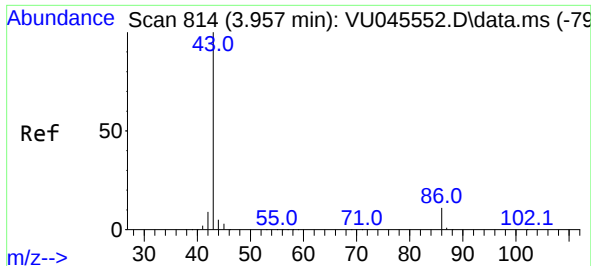


#22
Diisopropyl ether
Concen: 48.678 ug/l
RT: 3.996 min Scan# 826
Delta R.T. -0.000 min
Lab File: VU045929.D
Acq: 22 Nov 2021 20:54



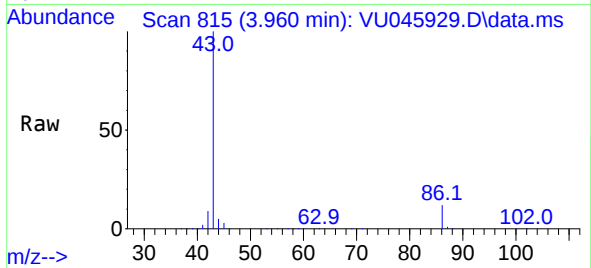
Tgt Ion: 45 Resp: 192720
Ion Ratio Lower Upper
45 100
43 85.1 60.0 90.0
87 29.7 22.3 33.5
59 12.2 9.9 14.9





#23
 Vinyl Acetate
 Concen: 260.669 ug/l
 RT: 3.960 min Scan# 814
 Delta R.T. 0.003 min
 Lab File: VU045929.D
 Acq: 22 Nov 2021 20:54

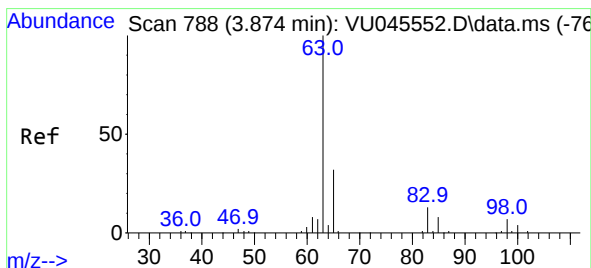
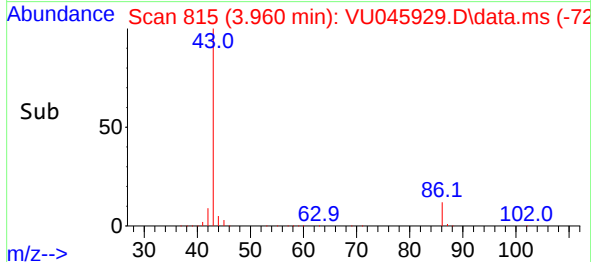
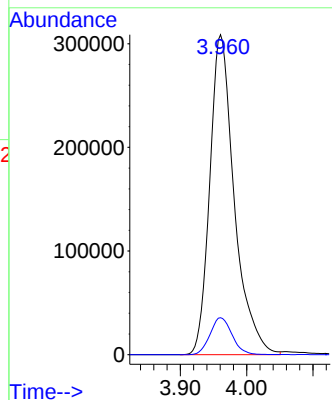
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 43 Resp: 793724
 Ion Ratio Lower Upper
 43 100
 86 11.6 8.9 13.3

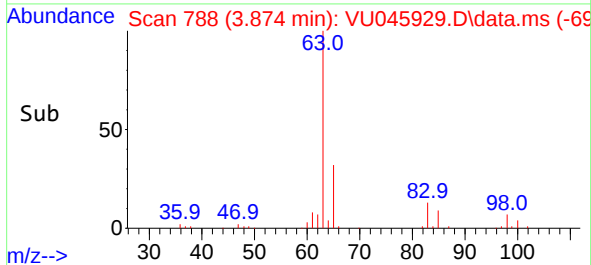
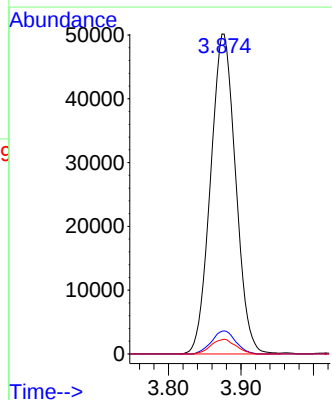
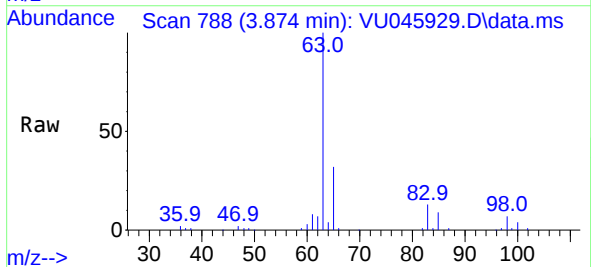
Manual Integrations
 APPROVED

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



#24
 1,1-Dichloroethane
 Concen: 51.088 ug/l
 RT: 3.874 min Scan# 788
 Delta R.T. -0.000 min
 Lab File: VU045929.D
 Acq: 22 Nov 2021 20:54

Tgt Ion: 63 Resp: 120529
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.5 10.6
 100 4.4 2.4 7.2





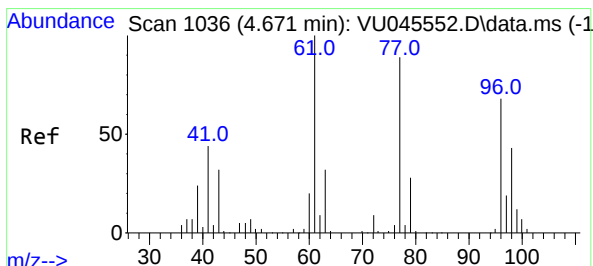
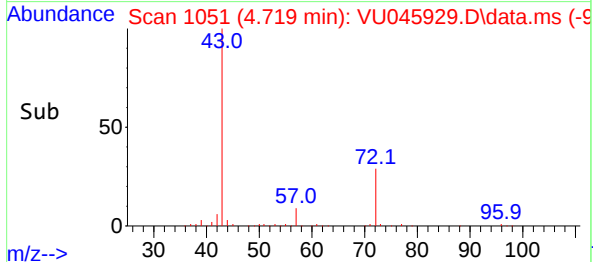
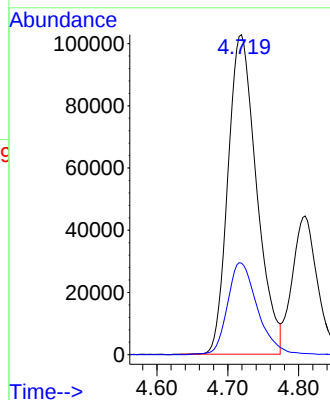
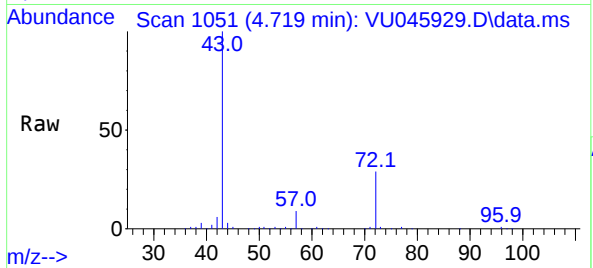
#25
2-Butanone
Concen: 265.266 ug/l
RT: 4.719 min Scan# 1051
Delta R.T. 0.019 min
Lab File: VU045929.D
Acq: 22 Nov 2021 20:54

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 28788
Ion Ratio Lower Upper
43 100
72 28.6 22.0 33.0

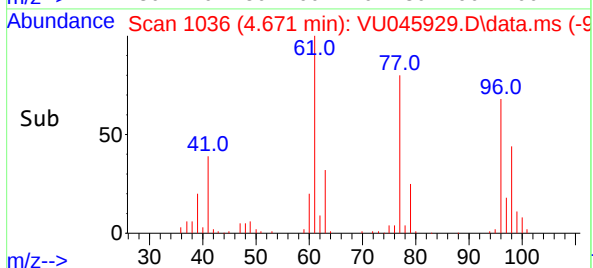
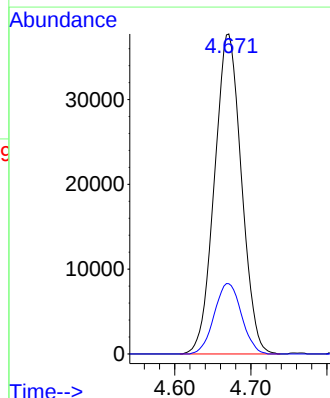
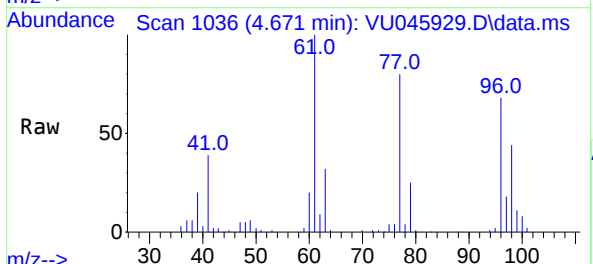
Manual Integrations
APPROVED

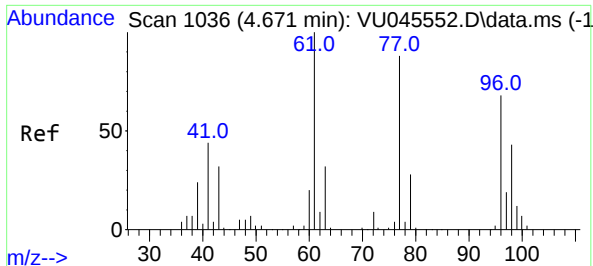
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021



#26
2,2-Dichloropropane
Concen: 47.522 ug/l
RT: 4.671 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VU045929.D
Acq: 22 Nov 2021 20:54

Tgt Ion: 77 Resp: 92905
Ion Ratio Lower Upper
77 100
97 22.2 11.4 34.1





#27
cis-1,2-Dichloroethene
Concen: 52.873 ug/l
RT: 4.671 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VU045929.D
Acq: 22 Nov 2021 20:54

Instrument :

MSVOA_U

ClientSampleId :

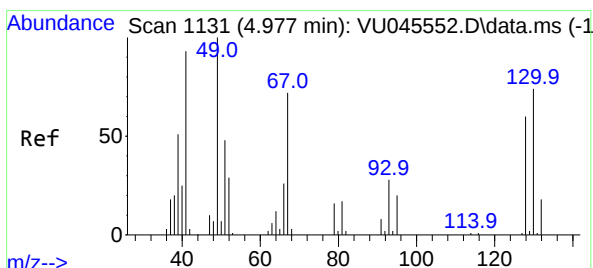
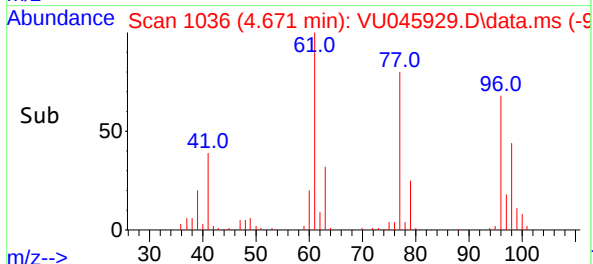
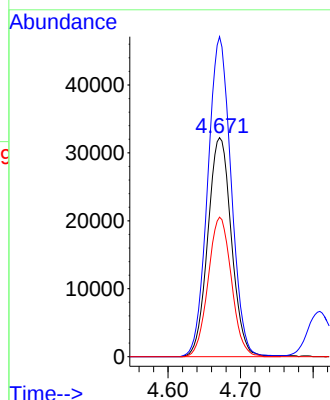
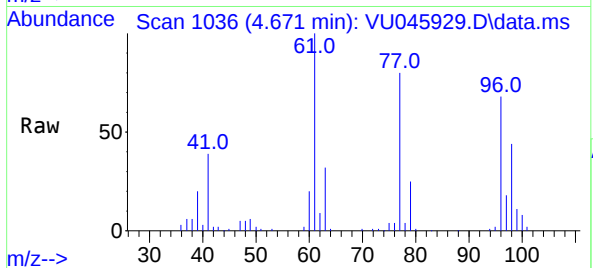
VSTDCCC050EC

Tgt Ion: 96 Resp: 72958
Ion Ratio Lower Upper
96 100
61 144.5 0.0 299.2
98 62.7 0.0 127.6

Manual Integrations

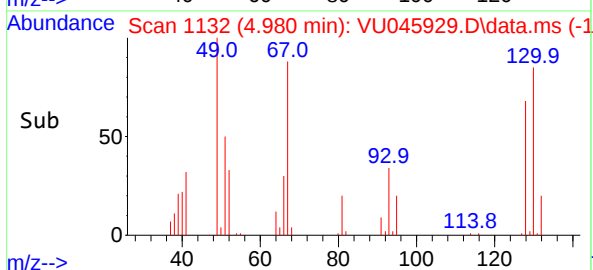
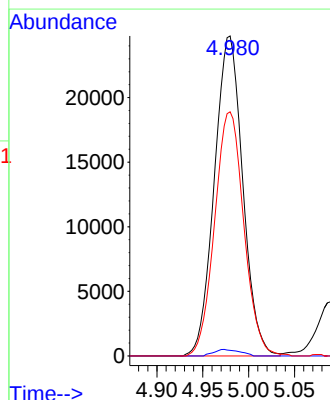
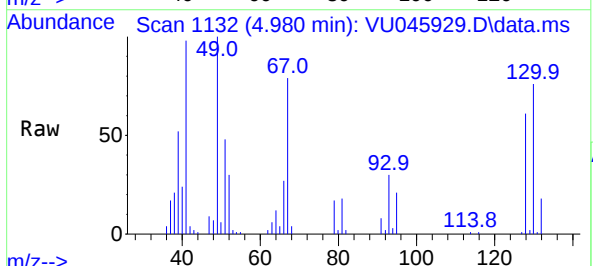
APPROVED

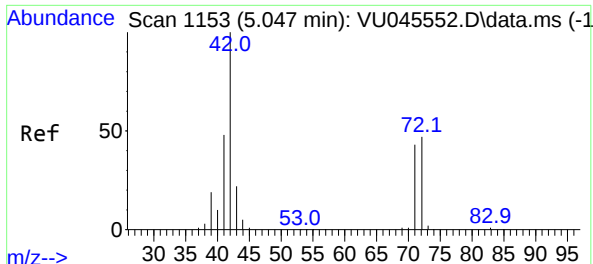
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021



#28
Bromochloromethane
Concen: 47.390 ug/l
RT: 4.980 min Scan# 1132
Delta R.T. 0.003 min
Lab File: VU045929.D
Acq: 22 Nov 2021 20:54

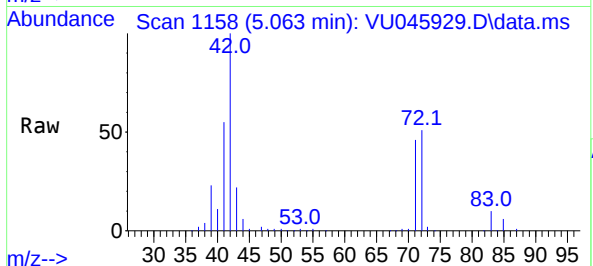
Tgt Ion: 49 Resp: 53302
Ion Ratio Lower Upper
49 100
129 1.9 0.0 3.4
130 78.5 57.5 86.3





#29
Tetrahydrofuran
Concen: 268.320 ug/l
RT: 5.063 min Scan# 1158
Delta R.T. 0.016 min
Lab File: VU045929.D
Acq: 22 Nov 2021 20:54

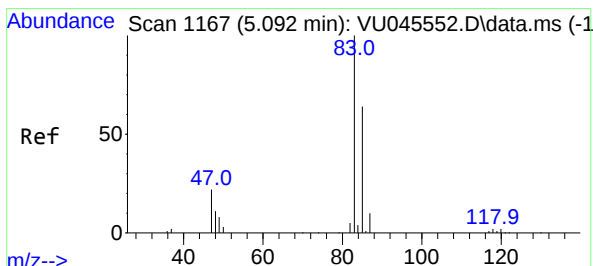
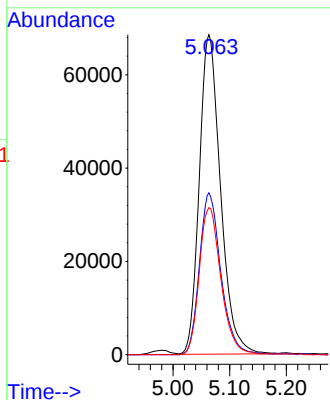
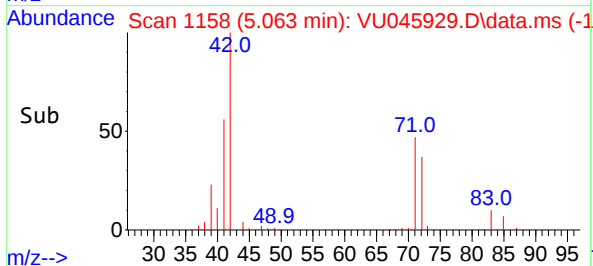
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



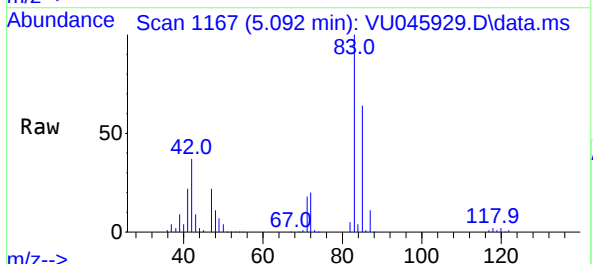
Tgt Ion: 42 Resp: 17812
Ion Ratio Lower Upper
42 100
72 51.3 38.2 57.4
71 47.0 35.4 53.2

Manual Integrations
APPROVED

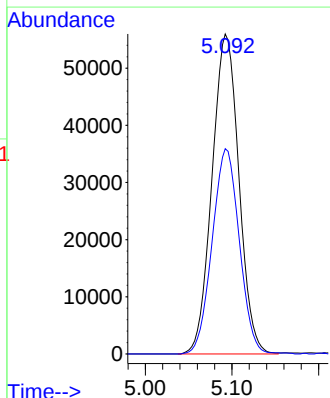
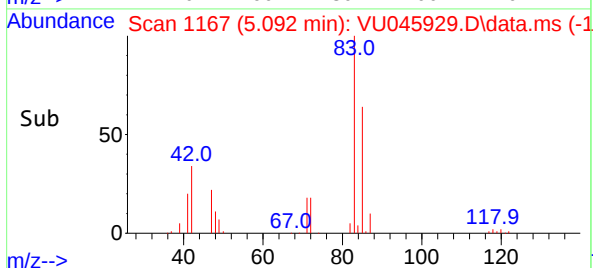
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021

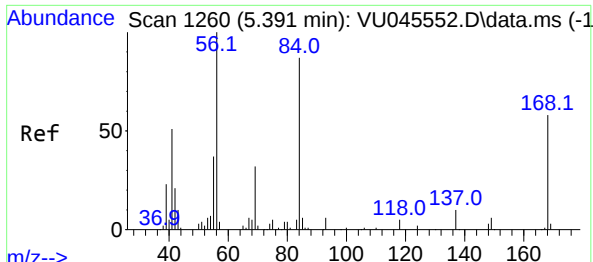


#30
Chloroform
Concen: 51.722 ug/l
RT: 5.092 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VU045929.D
Acq: 22 Nov 2021 20:54



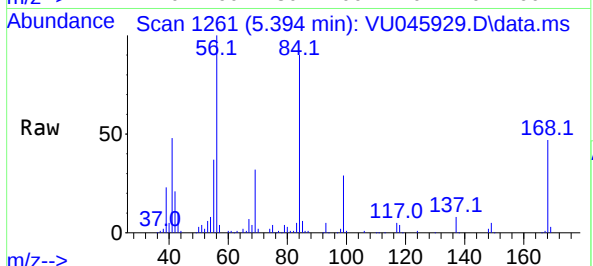
Tgt Ion: 83 Resp: 120681
Ion Ratio Lower Upper
83 100
85 64.2 52.0 78.0





#31
Cyclohexane
Concen: 46.491 ug/l
RT: 5.394 min Scan# 1260
Delta R.T. 0.003 min
Lab File: VU045929.D
Acq: 22 Nov 2021 20:54

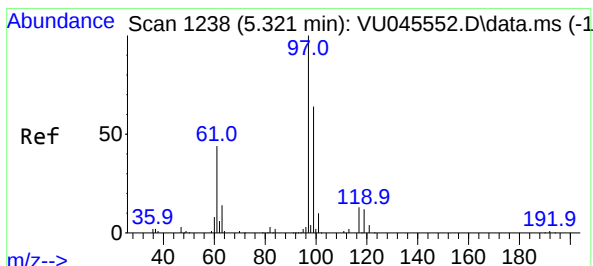
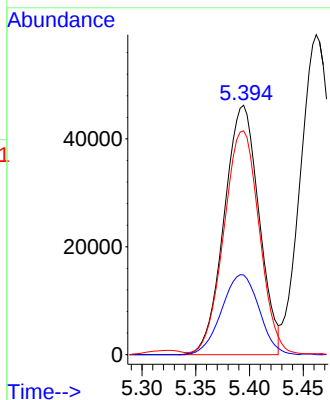
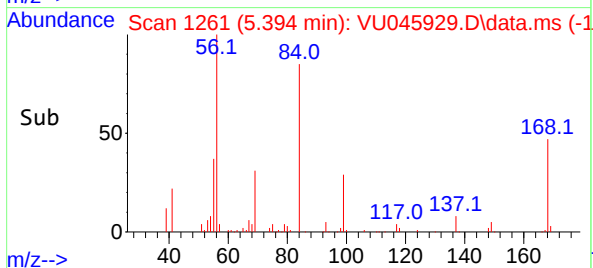
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



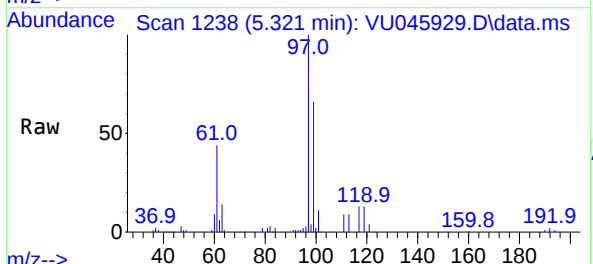
Tgt Ion: 56 Resp: 104274
Ion Ratio Lower Upper
56 100
69 31.9 26.4 39.6
84 88.4 68.4 102.6

Manual Integrations
APPROVED

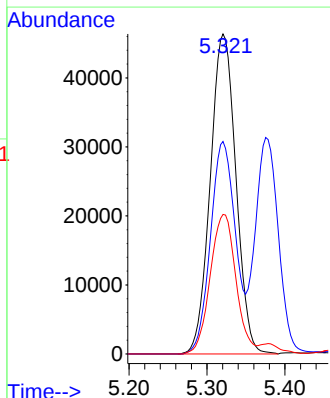
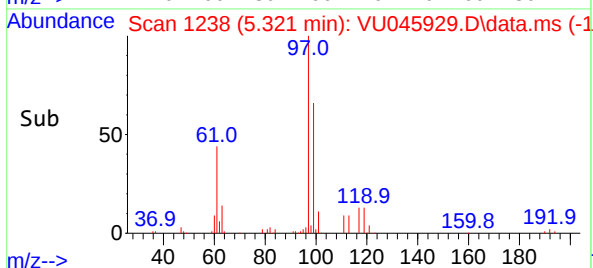
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021

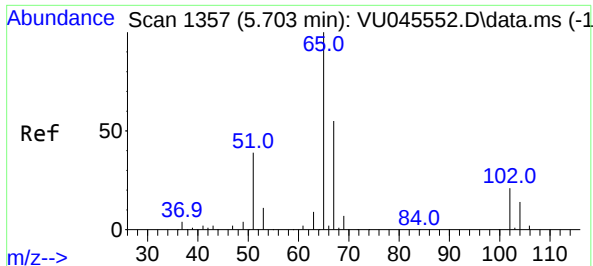


#32
1,1,1-Trichloroethane
Concen: 53.265 ug/l
RT: 5.321 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VU045929.D
Acq: 22 Nov 2021 20:54



Tgt Ion: 97 Resp: 105983
Ion Ratio Lower Upper
97 100
99 64.9 50.8 76.2
61 43.9 38.3 57.5





#33

1,2-Dichloroethane-d4

Concen: 46.500 ug/l

RT: 5.706 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU045929.D

Acq: 22 Nov 2021 20:54

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 7147

Ion Ratio Lower Upper

65 100

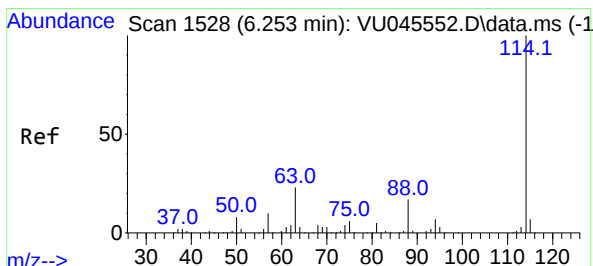
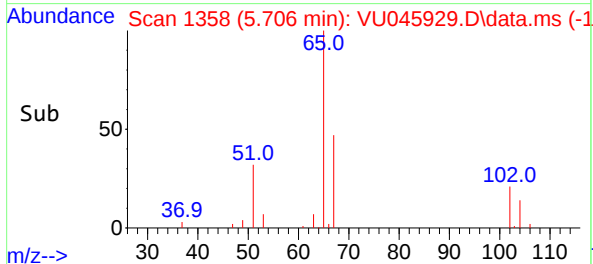
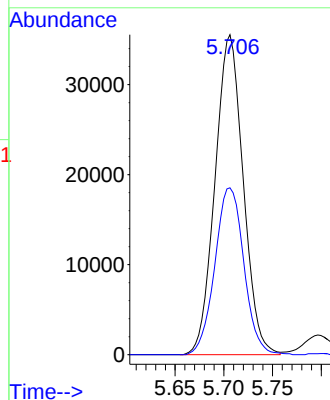
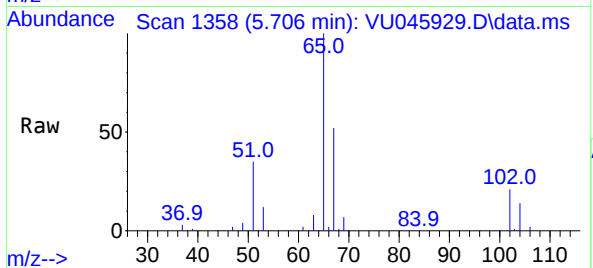
67 53.8 0.0 105.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/23/2021

Supervised By :Mahesh Dadoda 11/23/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 1528

Delta R.T. -0.000 min

Lab File: VU045929.D

Acq: 22 Nov 2021 20:54

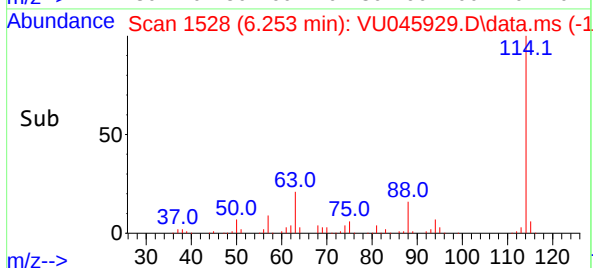
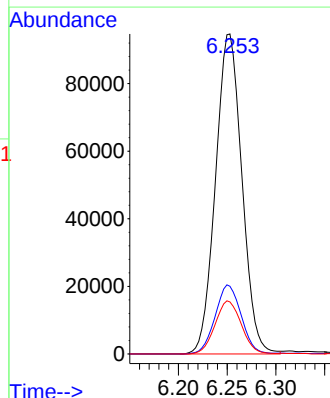
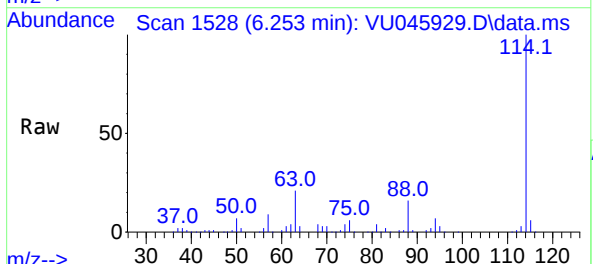
Tgt Ion:114 Resp: 178460

Ion Ratio Lower Upper

114 100

63 21.1 0.0 45.6

88 16.3 0.0 33.8





#35

Dibromofluoromethane

Concen: 47.475 ug/l

RT: 5.292 min Scan# 1113

Delta R.T. -0.000 min

Lab File: VU045929.D

Acq: 22 Nov 2021 20:54

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 113 Resp: 5656

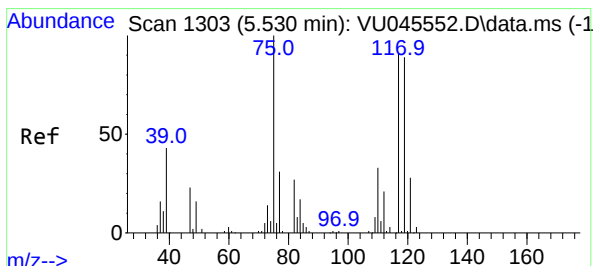
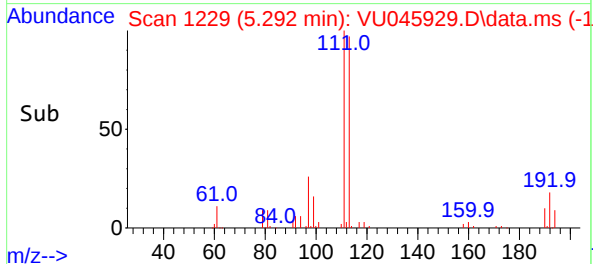
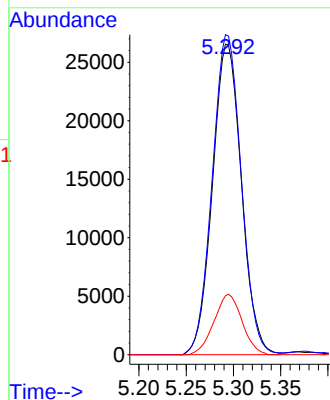
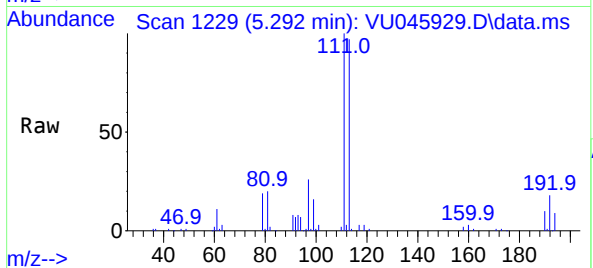
Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.8	124.2
192	18.8	14.8	22.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/23/2021

Supervised By :Mahesh Dadoda 11/23/2021



#36

1,1-Dichloropropene

Concen: 50.940 ug/l

RT: 5.529 min Scan# 1303

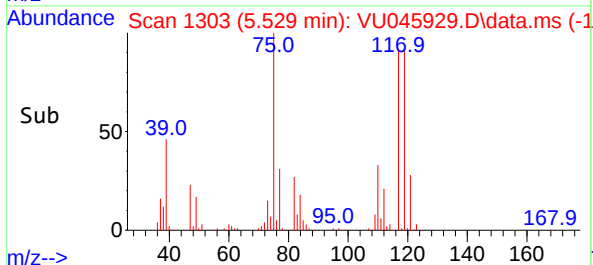
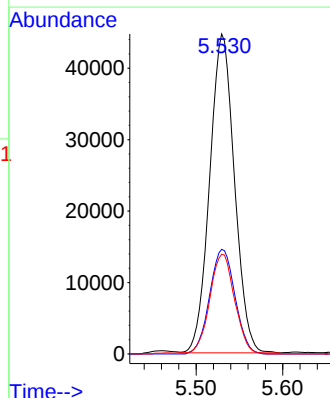
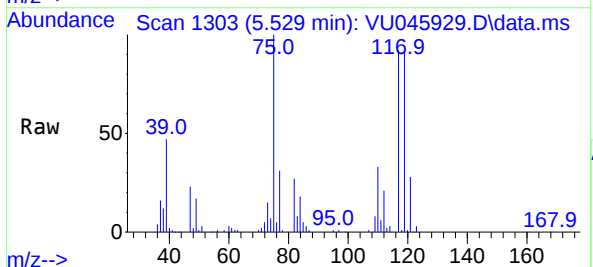
Delta R.T. -0.000 min

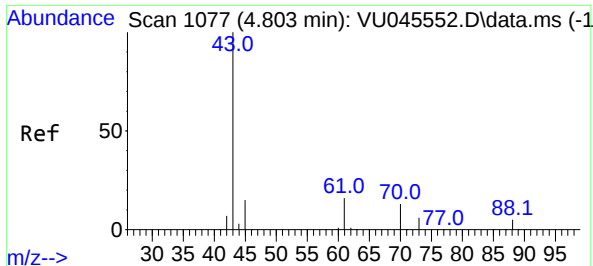
Lab File: VU045929.D

Acq: 22 Nov 2021 20:54

Tgt Ion: 75 Resp: 88642

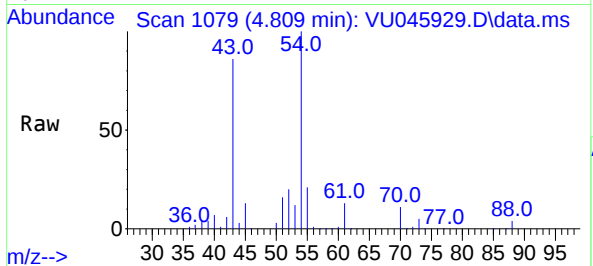
Ion	Ratio	Lower	Upper
75	100		
110	33.6	16.7	50.0
77	31.5	25.0	37.4





#37
Ethyl Acetate
Concen: 54.767 ug/l
RT: 4.809 min Scan# 1077
Delta R.T. 0.006 min
Lab File: VU045929.D
Acq: 22 Nov 2021 20:54

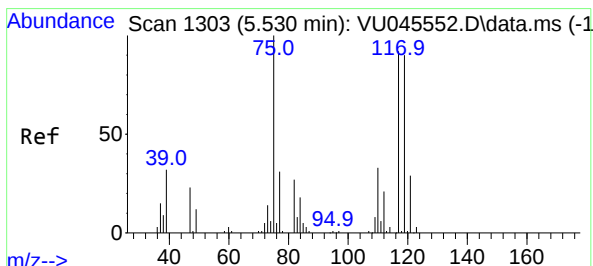
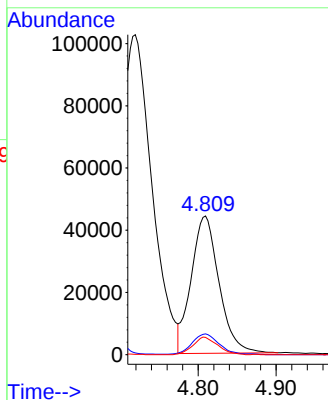
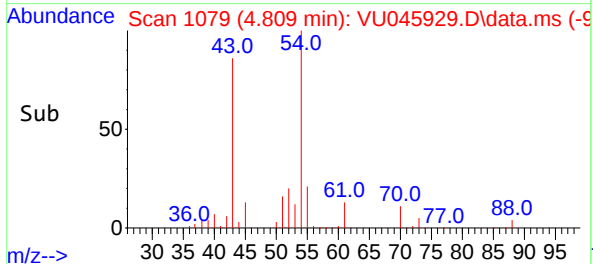
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 10947
Ion Ratio Lower Upper
43 100
61 15.0 11.6 17.4
70 11.3 9.1 13.7

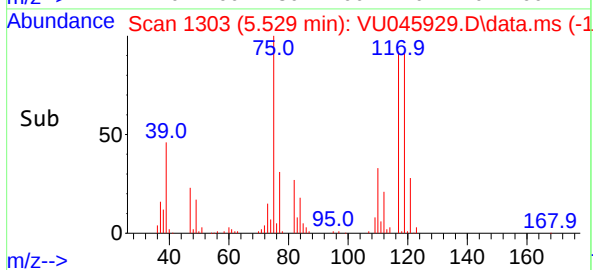
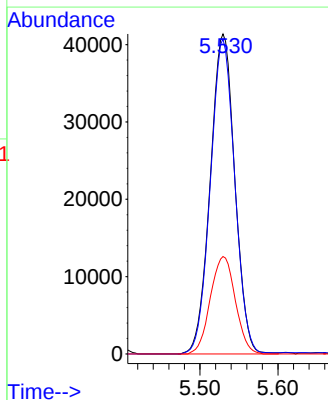
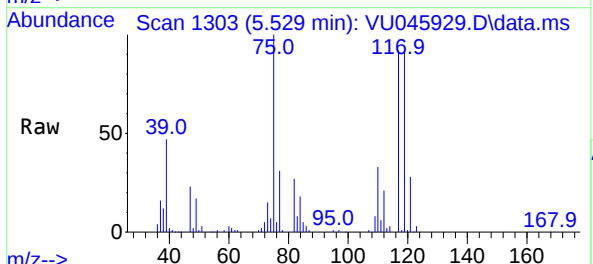
Manual Integrations
APPROVED

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



#38
Carbon Tetrachloride
Concen: 51.656 ug/l
RT: 5.529 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VU045929.D
Acq: 22 Nov 2021 20:54

Tgt Ion:117 Resp: 90622
Ion Ratio Lower Upper
117 100
119 98.5 77.4 116.0
121 30.5 24.8 37.2





#39

Methylcyclohexane

Concen: 48.370 ug/l

RT: 6.767 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU045929.D

Acq: 22 Nov 2021 20:54

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 103260

Ion Ratio Lower Upper

83 100

55 71.9 63.6 95.4

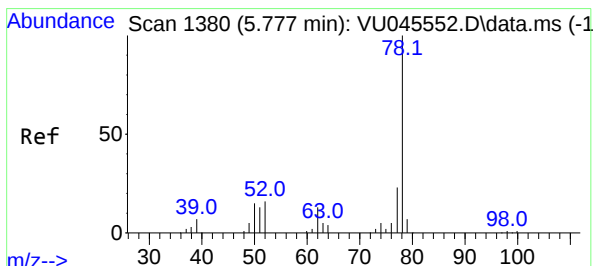
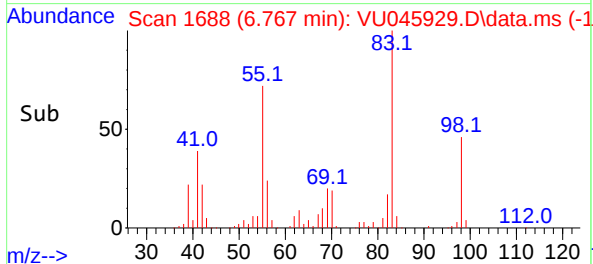
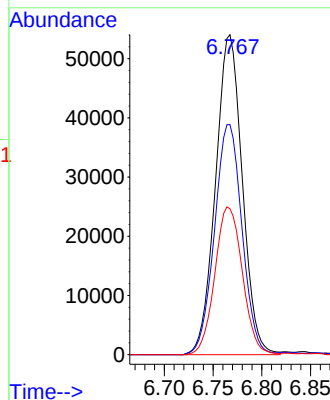
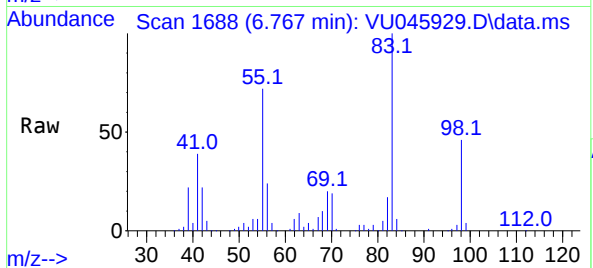
98 45.6 37.1 55.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/23/2021

Supervised By :Mahesh Dadoda 11/23/2021



#40

Benzene

Concen: 50.473 ug/l

RT: 5.777 min Scan# 1380

Delta R.T. -0.000 min

Lab File: VU045929.D

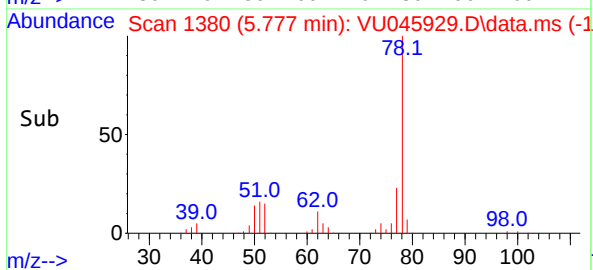
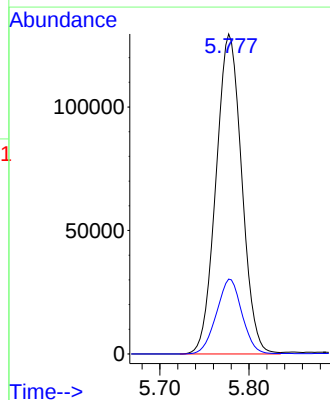
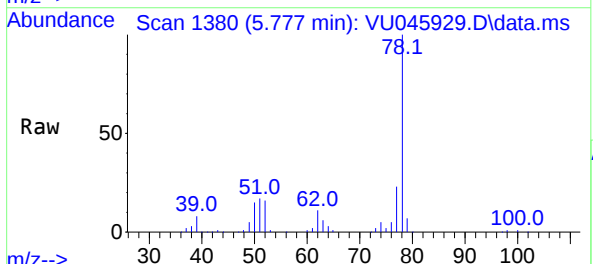
Acq: 22 Nov 2021 20:54

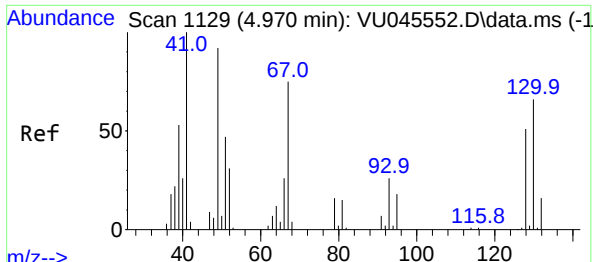
Tgt Ion: 78 Resp: 260029

Ion Ratio Lower Upper

78 100

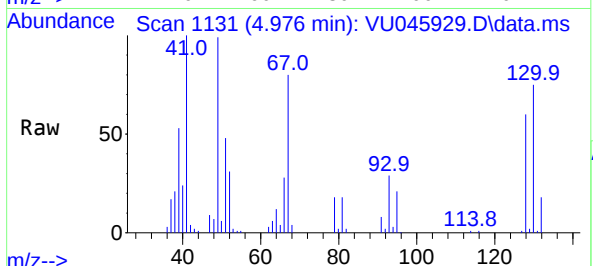
77 23.4 19.0 28.4





#41
Methacrylonitrile
Concen: 53.064 ug/l
RT: 4.976 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VU045929.D
Acq: 22 Nov 2021 20:54

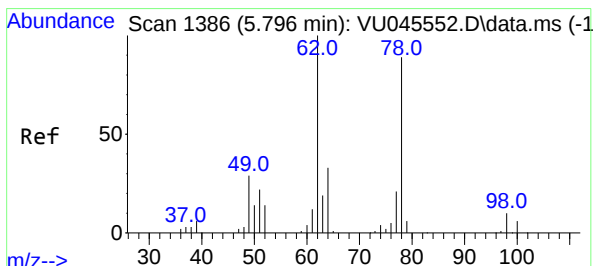
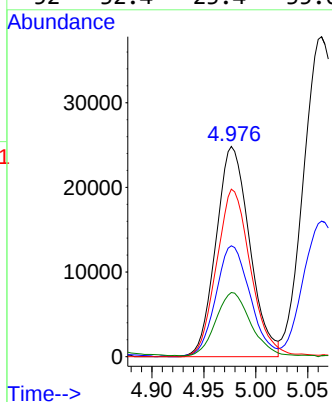
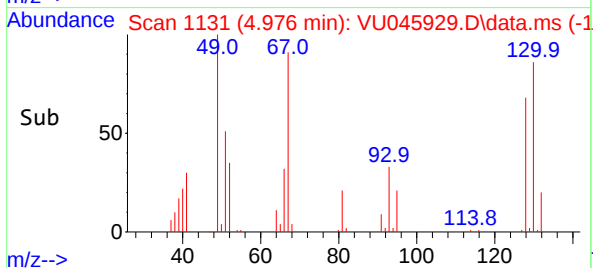
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 56054
Ion Ratio Lower Upper
41 100
39 53.9 43.4 65.0
67 81.2 61.0 91.4
52 32.4 23.4 35.0

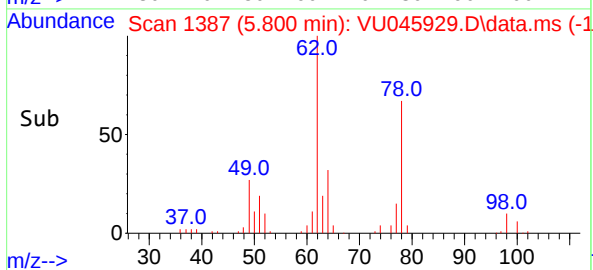
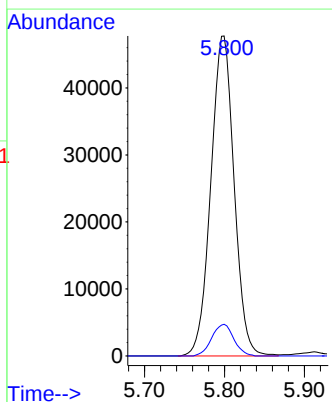
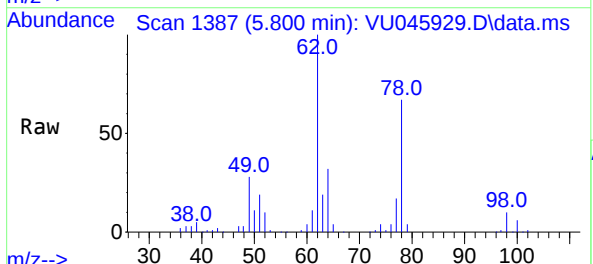
Manual Integrations
APPROVED

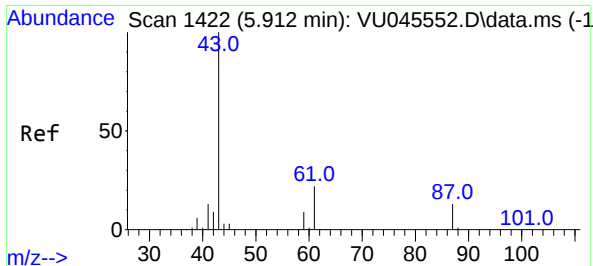
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021



#42
1,2-Dichloroethane
Concen: 51.773 ug/l
RT: 5.800 min Scan# 1387
Delta R.T. 0.003 min
Lab File: VU045929.D
Acq: 22 Nov 2021 20:54

Tgt Ion: 62 Resp: 96345
Ion Ratio Lower Upper
62 100
98 9.4 0.0 18.4





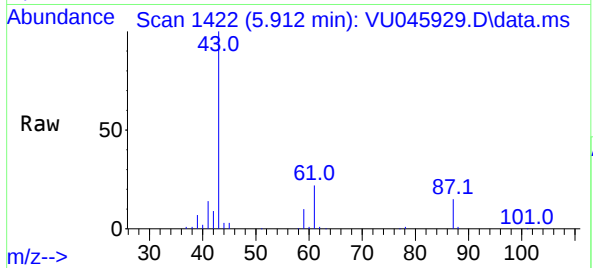
#43
Isopropyl Acetate
Concen: 50.082 ug/l
RT: 5.912 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VU045929.D
Acq: 22 Nov 2021 20:54

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

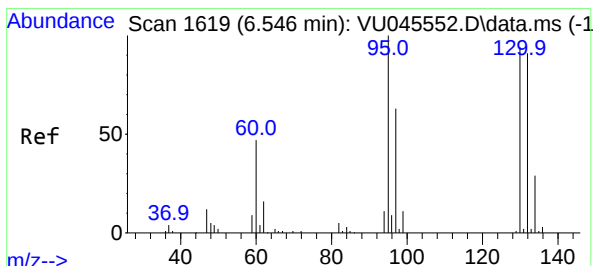
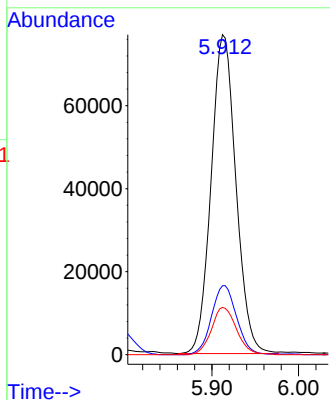
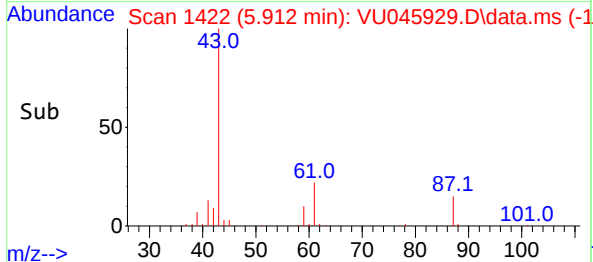


Tgt Ion: 43 Resp: 153119
Ion Ratio Lower Upper
43 100
61 21.9 16.9 25.3
87 15.0 11.0 16.4

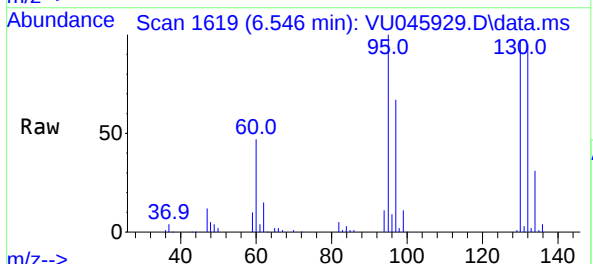
Manual Integrations

APPROVED

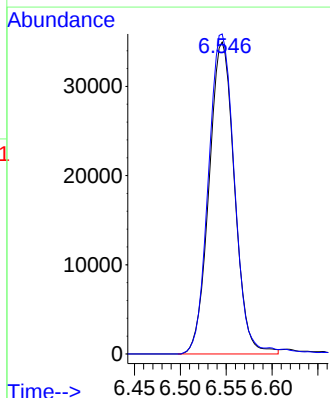
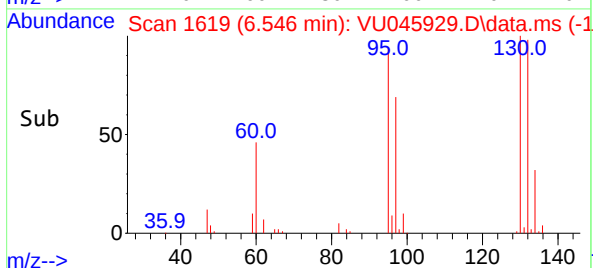
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021

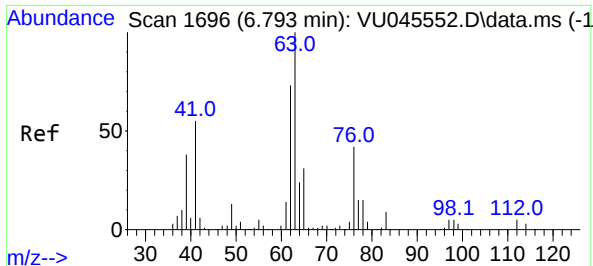


#44
Trichloroethene
Concen: 54.691 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU045929.D
Acq: 22 Nov 2021 20:54



Tgt Ion:130 Resp: 67445
Ion Ratio Lower Upper
130 100
95 102.6 0.0 211.4





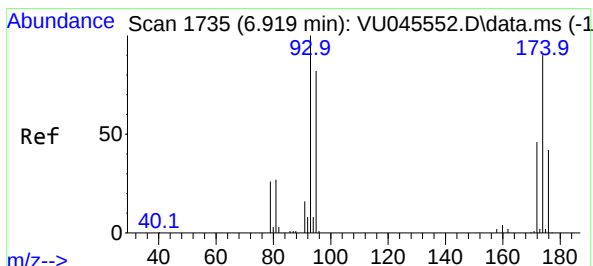
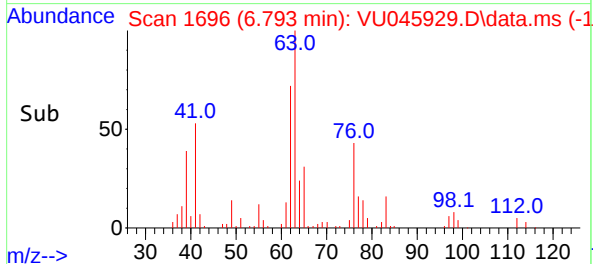
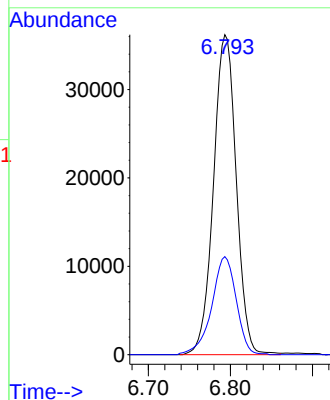
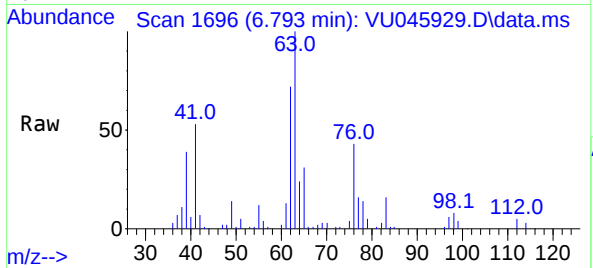
#45
1,2-Dichloropropane
Concen: 51.322 ug/l
RT: 6.793 min Scan# 1696
Delta R.T. -0.000 min
Lab File: VU045929.D
Acq: 22 Nov 2021 20:54

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 6996
Ion Ratio Lower Upper
63 100
65 30.7 25.7 38.5

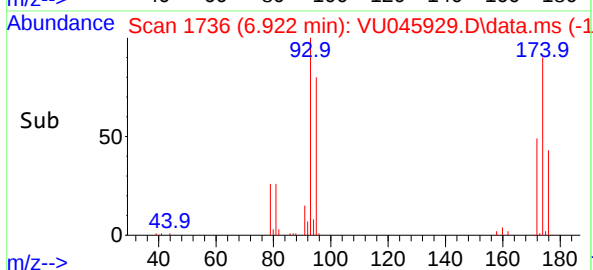
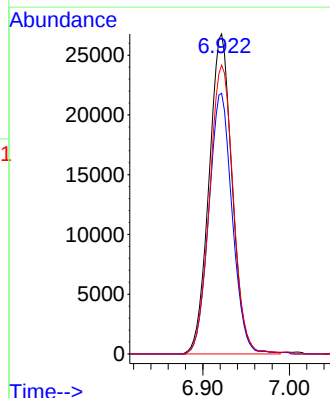
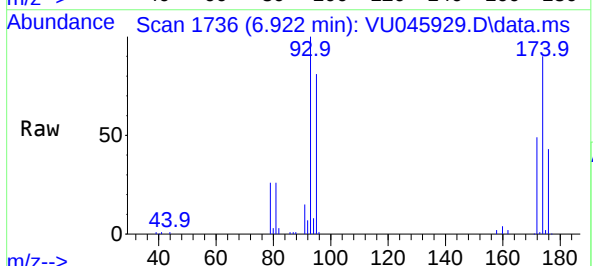
Manual Integrations
APPROVED

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



#46
Dibromomethane
Concen: 52.621 ug/l
RT: 6.922 min Scan# 1736
Delta R.T. 0.003 min
Lab File: VU045929.D
Acq: 22 Nov 2021 20:54

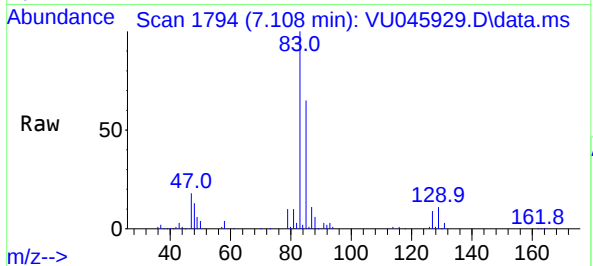
Tgt Ion: 93 Resp: 49702
Ion Ratio Lower Upper
93 100
95 82.4 66.2 99.2
174 92.3 71.0 106.6





#47
Bromodichloromethane
Concen: 52.811 ug/l
RT: 7.108 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VU045929.D
Acq: 22 Nov 2021 20:54

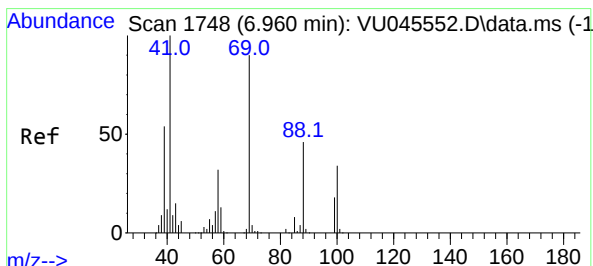
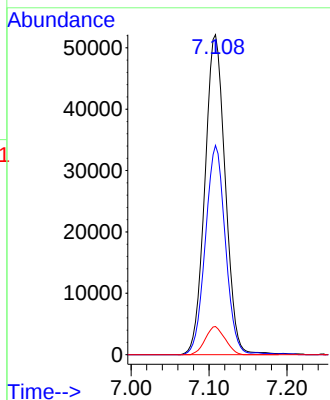
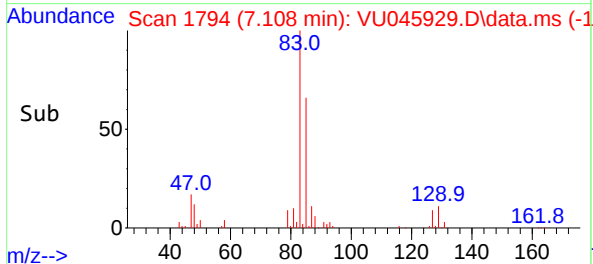
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



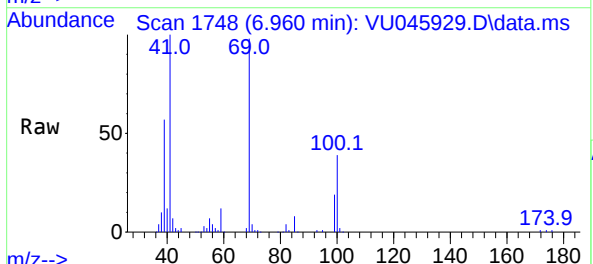
Tgt Ion: 83 Resp: 9464
Ion Ratio Lower Upper
83 100
85 65.4 49.8 74.6
127 8.8 6.2 9.2

Manual Integrations
APPROVED

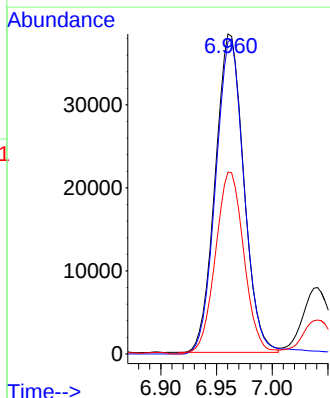
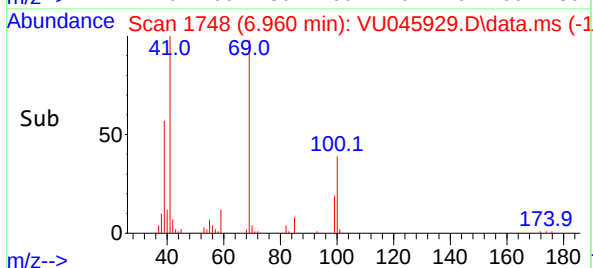
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021

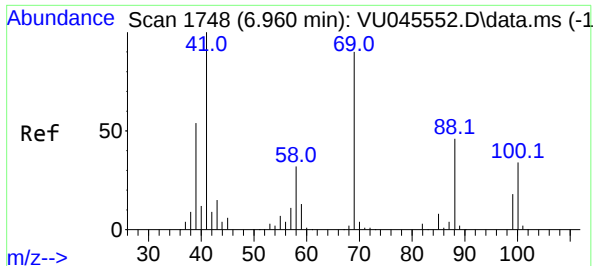


#48
Methyl methacrylate
Concen: 48.525 ug/l
RT: 6.960 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VU045929.D
Acq: 22 Nov 2021 20:54



Tgt Ion: 41 Resp: 68286
Ion Ratio Lower Upper
41 100
69 100.2 70.2 105.2
39 57.3 43.9 65.9





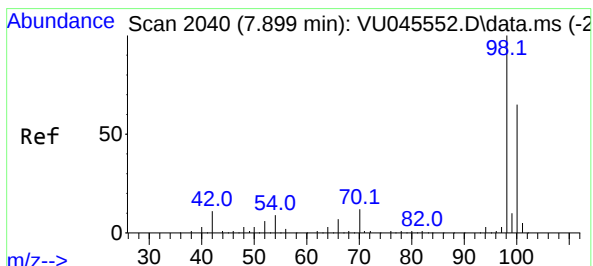
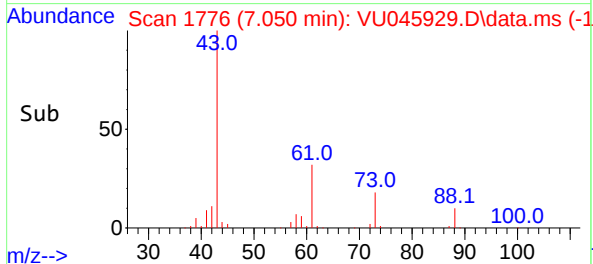
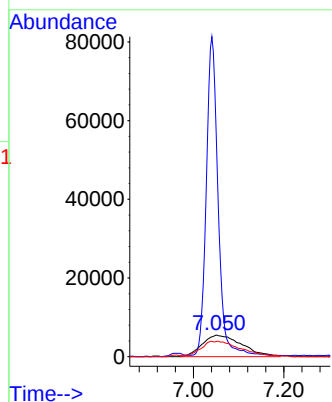
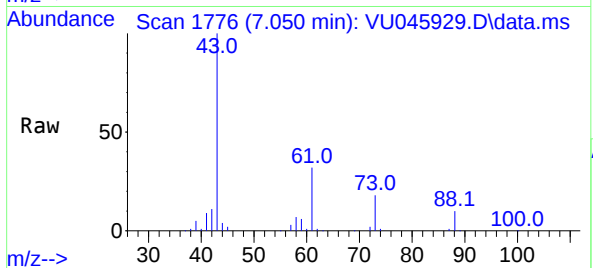
#49
1,4-Dioxane
Concen: 927.987 ug/l
RT: 7.050 min Scan# 1748
Delta R.T. 0.090 min
Lab File: VU045929.D
Acq: 22 Nov 2021 20:54

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 3358
Ion Ratio Lower Upper
88 100
43 435.9 0.0 0.0
58 21.6 58.7 88.1

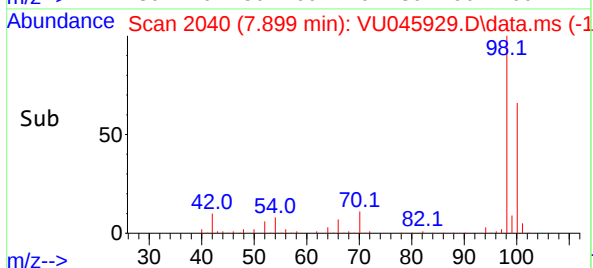
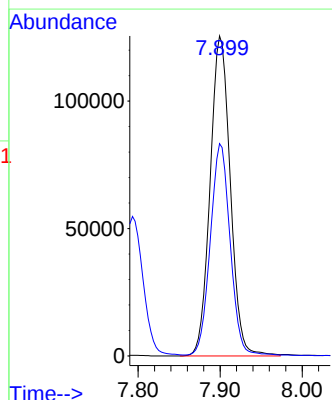
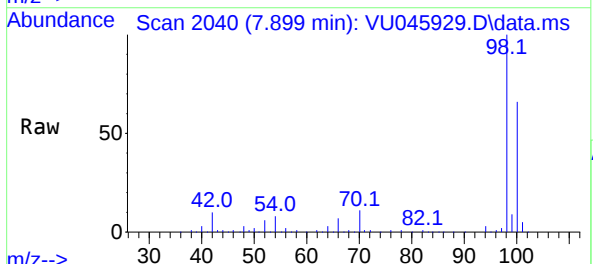
Manual Integrations
APPROVED

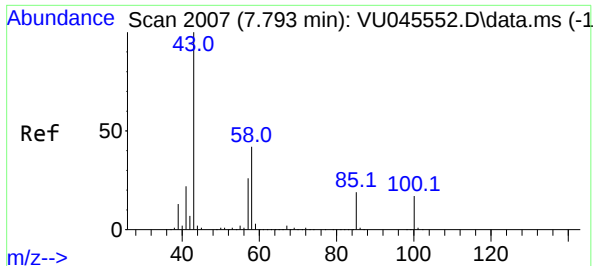
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021



#50
Toluene-d8
Concen: 48.399 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VU045929.D
Acq: 22 Nov 2021 20:54

Tgt Ion: 98 Resp: 214433
Ion Ratio Lower Upper
98 100
100 64.9 52.5 78.7





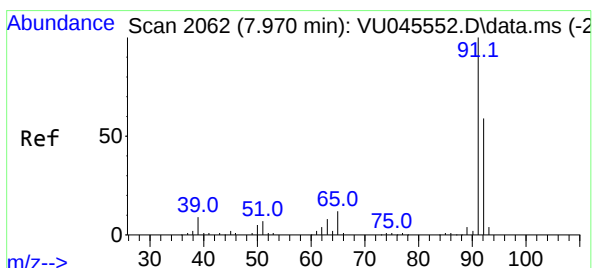
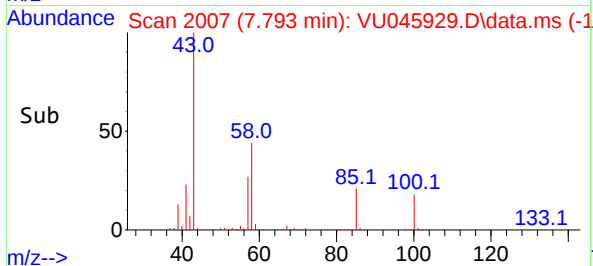
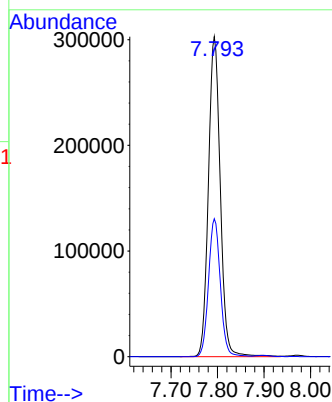
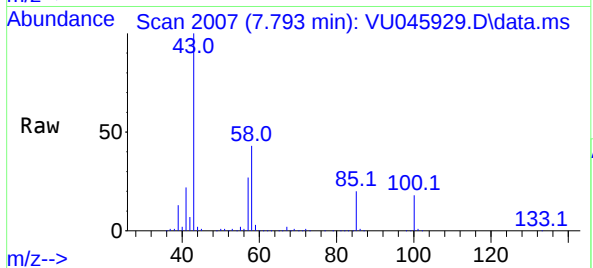
#51
4-Methyl-2-Pentanone
Concen: 266.538 ug/l
RT: 7.793 min Scan# 2007
Delta R.T. -0.000 min
Lab File: VU045929.D
Acq: 22 Nov 2021 20:54

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 537562
Ion Ratio Lower Upper
43 100
58 42.9 33.8 50.8

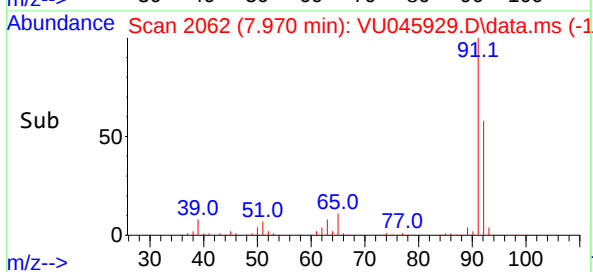
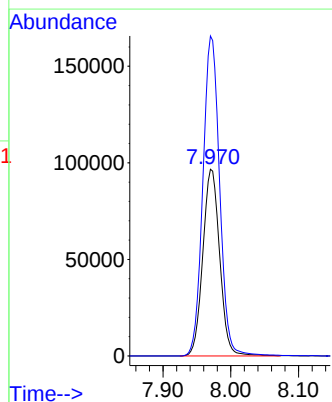
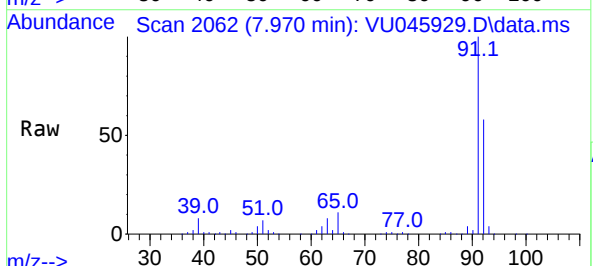
Manual Integrations
APPROVED

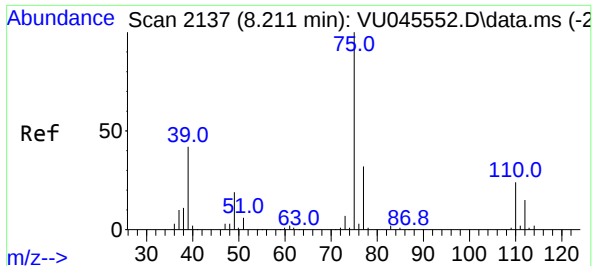
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021



#52
Toluene
Concen: 52.943 ug/l
RT: 7.970 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VU045929.D
Acq: 22 Nov 2021 20:54

Tgt Ion: 92 Resp: 166987
Ion Ratio Lower Upper
92 100
91 170.6 135.6 203.4





#53
t-1,3-Dichloropropene
Concen: 52.101 ug/l
RT: 8.211 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VU045929.D
Acq: 22 Nov 2021 20:54

Instrument :

MSVOA_U

ClientSampleId :

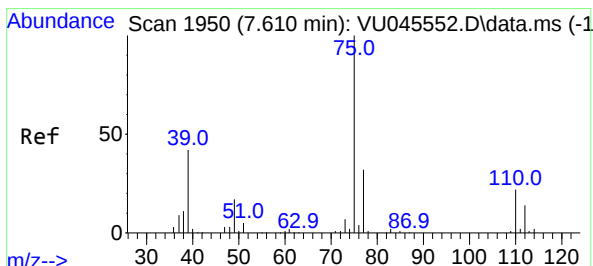
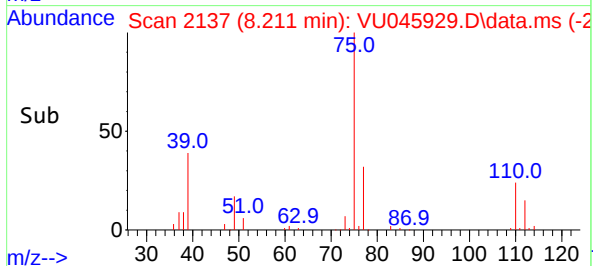
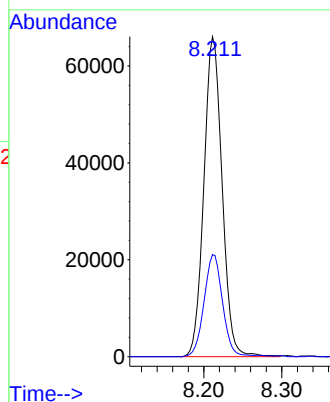
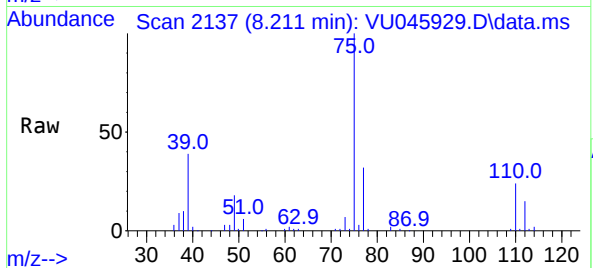
VSTDCCC050EC

Tgt Ion: 75 Resp: 10731
Ion Ratio Lower Upper
75 100
77 31.9 25.8 38.8

Manual Integrations

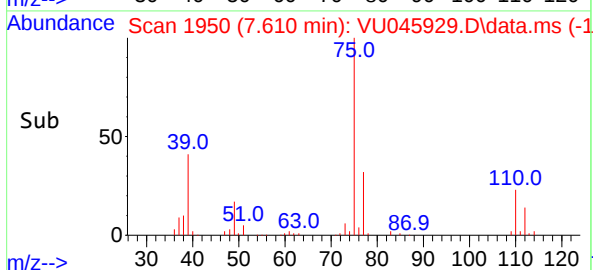
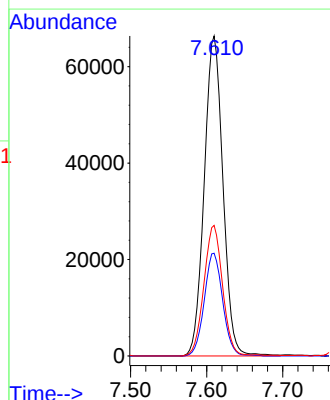
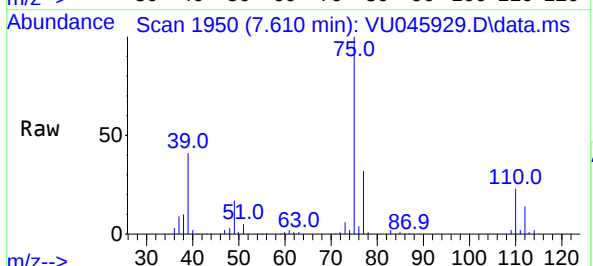
APPROVED

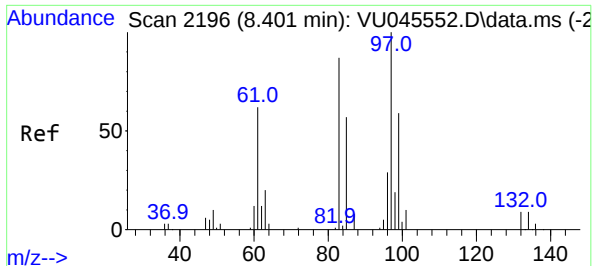
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021



#54
cis-1,3-Dichloropropene
Concen: 51.897 ug/l
RT: 7.610 min Scan# 1950
Delta R.T. -0.000 min
Lab File: VU045929.D
Acq: 22 Nov 2021 20:54

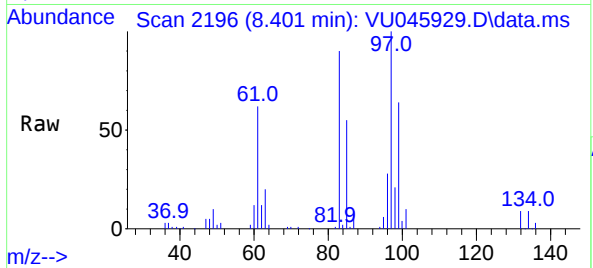
Tgt Ion: 75 Resp: 113536
Ion Ratio Lower Upper
75 100
77 32.1 24.6 37.0
39 40.8 37.1 55.7





#55
1,1,2-Trichloroethane
Concen: 52.672 ug/l
RT: 8.401 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VU045929.D
Acq: 22 Nov 2021 20:54

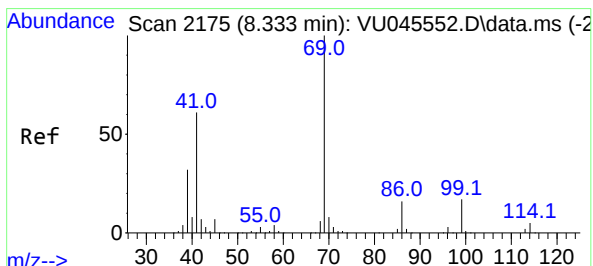
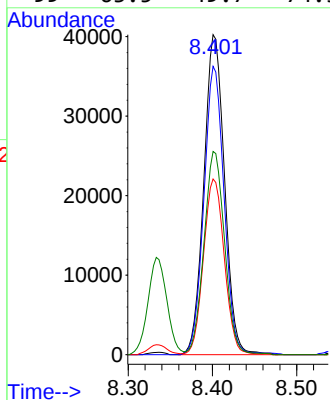
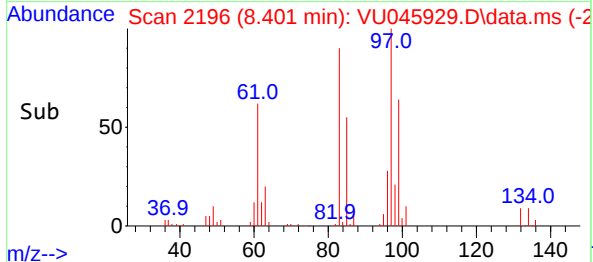
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



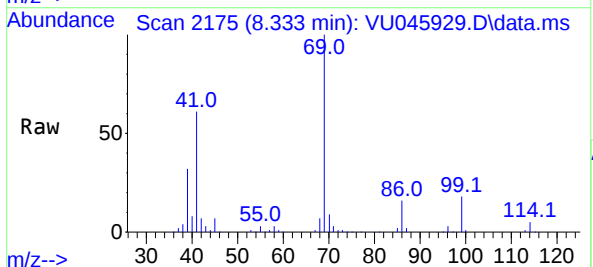
Tgt Ion: 97 Resp: 68854
Ion Ratio Lower Upper
97 100
83 90.1 70.3 105.5
85 54.9 45.5 68.3
99 63.5 49.7 74.5

Manual Integrations
APPROVED

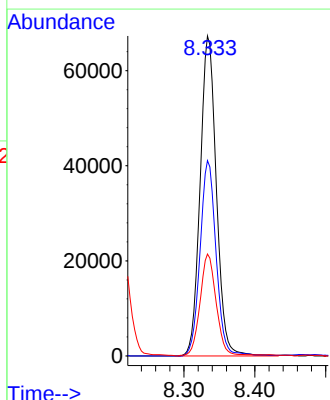
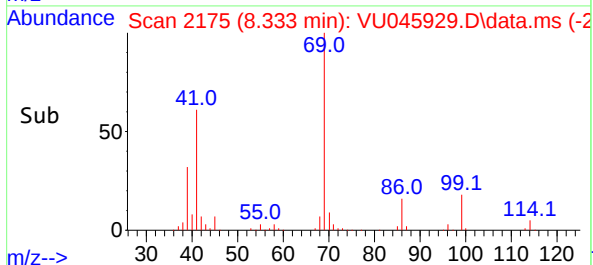
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021

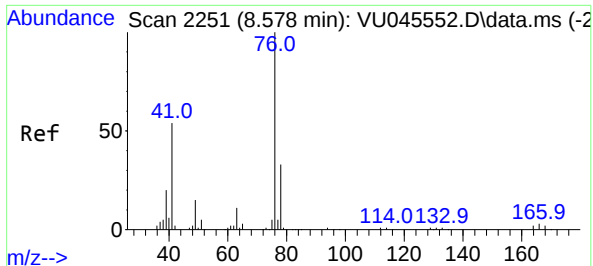


#56
Ethyl methacrylate
Concen: 45.825 ug/l
RT: 8.333 min Scan# 2175
Delta R.T. 0.000 min
Lab File: VU045929.D
Acq: 22 Nov 2021 20:54



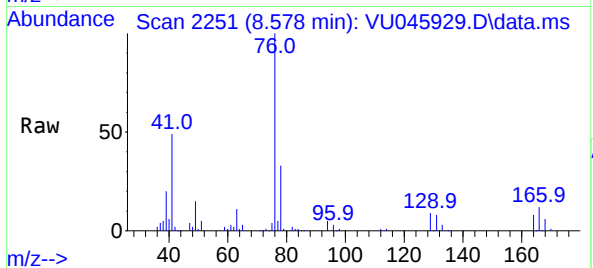
Tgt Ion: 69 Resp: 106947
Ion Ratio Lower Upper
69 100
41 60.3 51.0 76.4
39 31.7 26.6 39.8





#57
1,3-Dichloropropane
Concen: 51.224 ug/l
RT: 8.578 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU045929.D
Acq: 22 Nov 2021 20:54

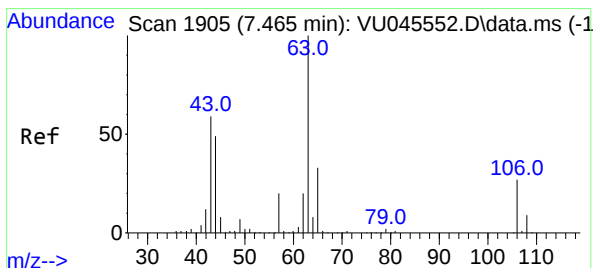
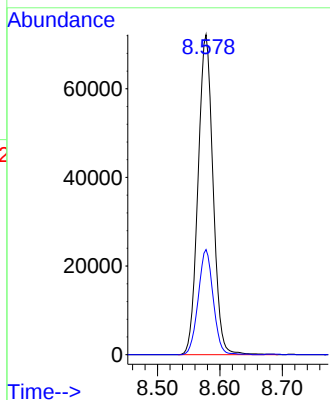
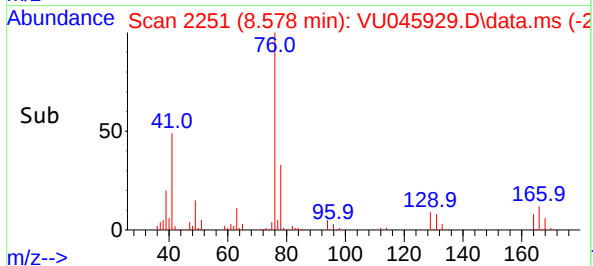
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



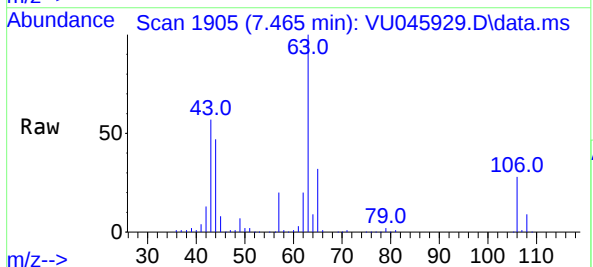
Tgt Ion: 76 Resp: 120604
Ion Ratio Lower Upper
76 100
78 32.8 25.8 38.8

Manual Integrations
APPROVED

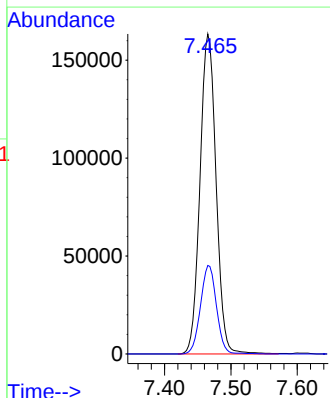
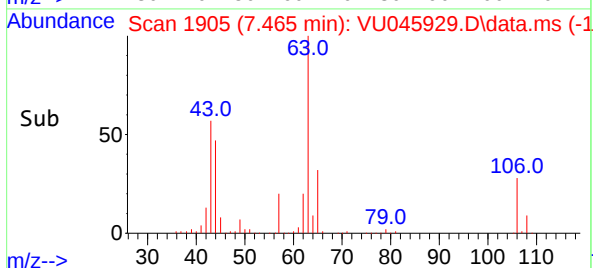
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021



#58
2-Chloroethyl Vinyl ether
Concen: 228.382 ug/l
RT: 7.465 min Scan# 1905
Delta R.T. -0.000 min
Lab File: VU045929.D
Acq: 22 Nov 2021 20:54



Tgt Ion: 63 Resp: 274850
Ion Ratio Lower Upper
63 100
106 27.4 21.0 31.4





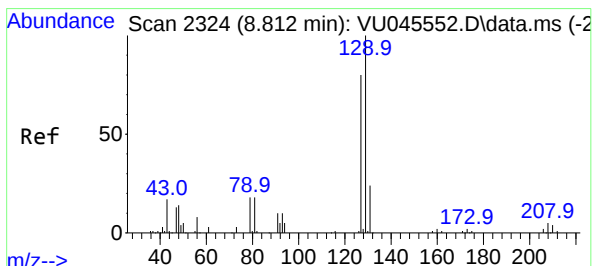
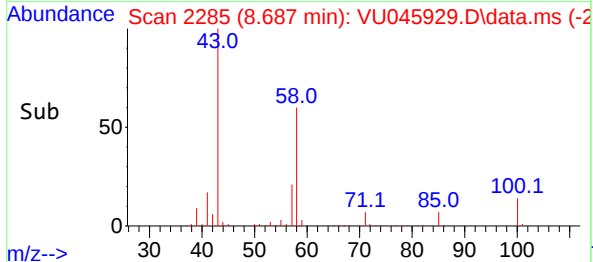
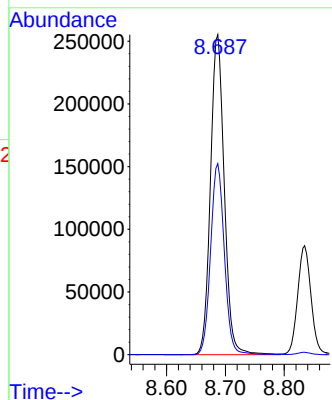
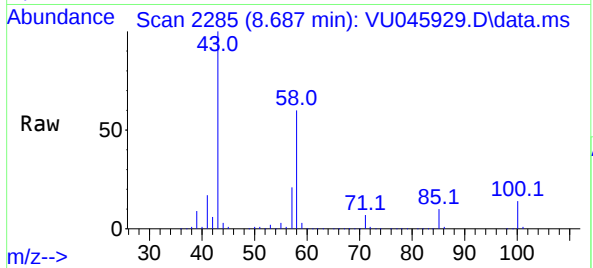
#59
2-Hexanone
Concen: 237.592 ug/l
RT: 8.687 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU045929.D
Acq: 22 Nov 2021 20:54

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 416270
Ion Ratio Lower Upper
43 100
58 59.5 29.5 88.6

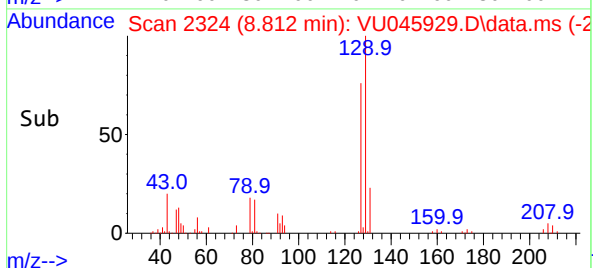
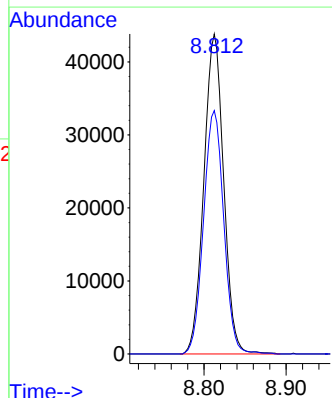
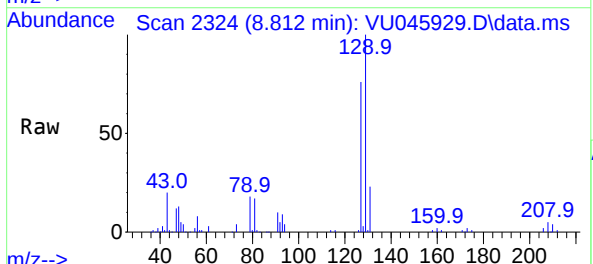
Manual Integrations
APPROVED

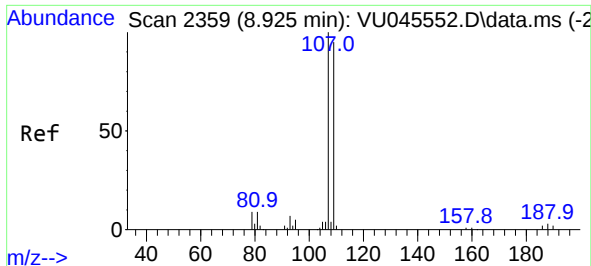
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021



#60
Dibromochloromethane
Concen: 53.943 ug/l
RT: 8.812 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU045929.D
Acq: 22 Nov 2021 20:54

Tgt Ion:129 Resp: 73427
Ion Ratio Lower Upper
129 100
127 77.7 38.5 115.3





#61
1,2-Dibromoethane
Concen: 54.249 ug/l
RT: 8.925 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU045929.D
Acq: 22 Nov 2021 20:54

Instrument :

MSVOA_U

ClientSampleId :

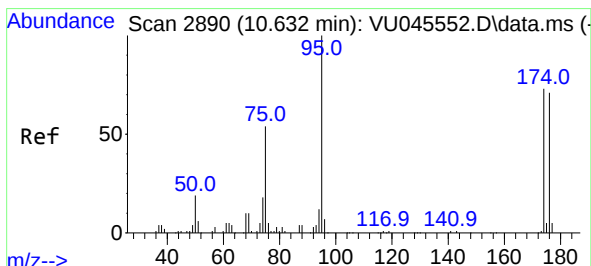
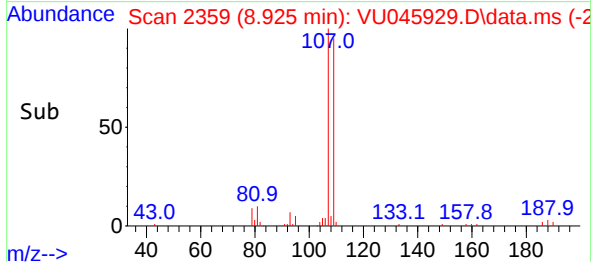
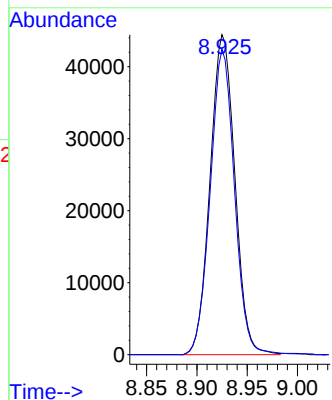
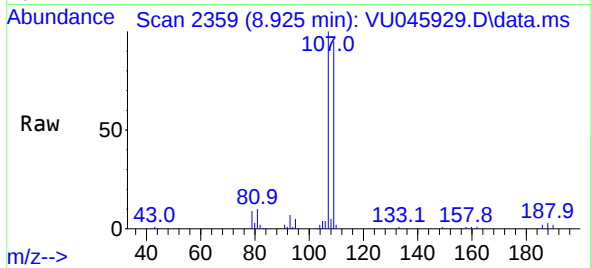
VSTDCCC050EC

Tgt Ion:107 Resp: 76058
Ion Ratio Lower Upper
107 100
109 93.4 75.8 113.8

Manual Integrations

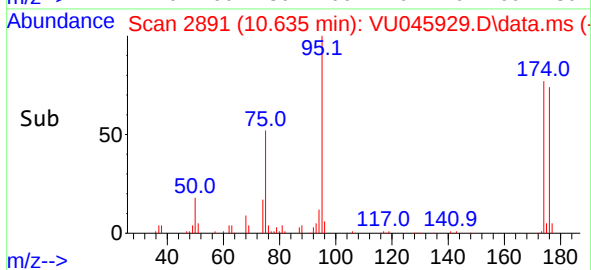
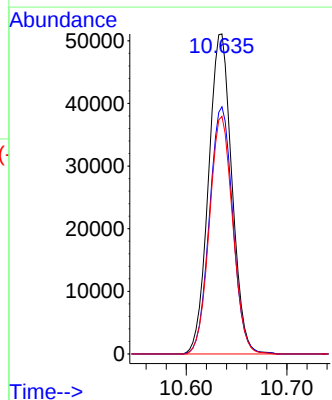
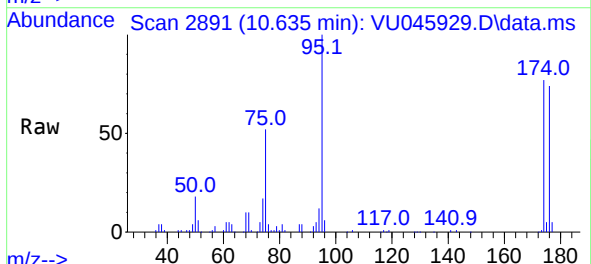
APPROVED

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



#62
4-Bromofluorobenzene
Concen: 46.424 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.003 min
Lab File: VU045929.D
Acq: 22 Nov 2021 20:54

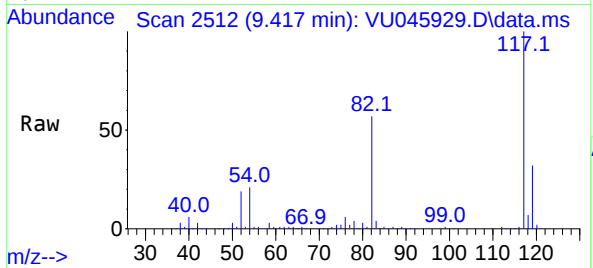
Tgt Ion: 95 Resp: 82477
Ion Ratio Lower Upper
95 100
174 77.2 0.0 141.8
176 73.9 0.0 138.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2513
Delta R.T. -0.003 min
Lab File: VU045929.D
Acq: 22 Nov 2021 20:54

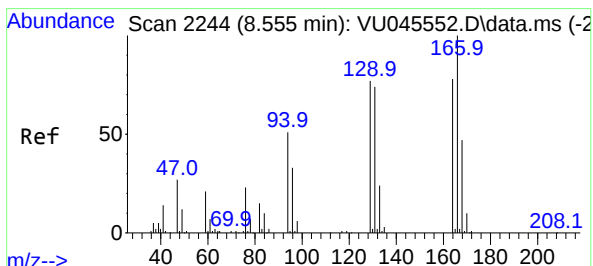
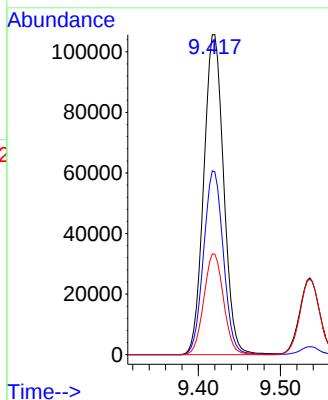
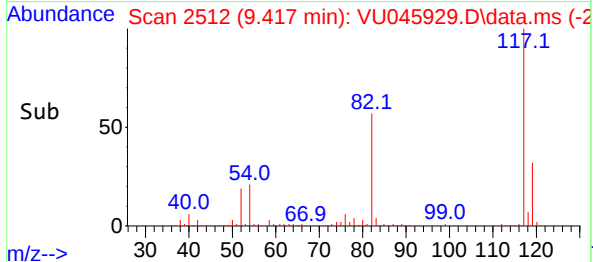
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



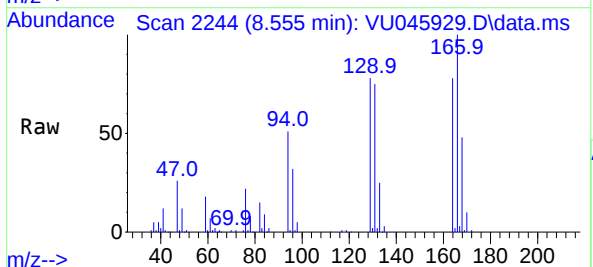
Tgt Ion:117 Resp: 17837
Ion Ratio Lower Upper
117 100
82 57.5 47.8 71.8
119 31.5 25.8 38.8

Manual Integrations
APPROVED

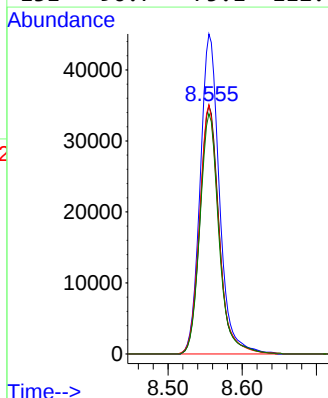
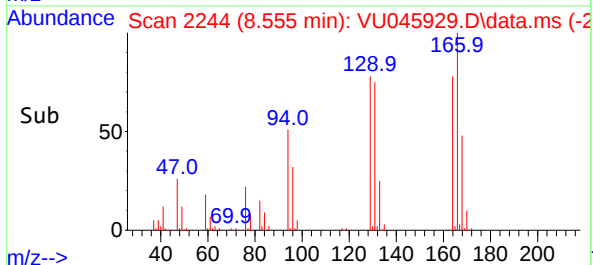
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021

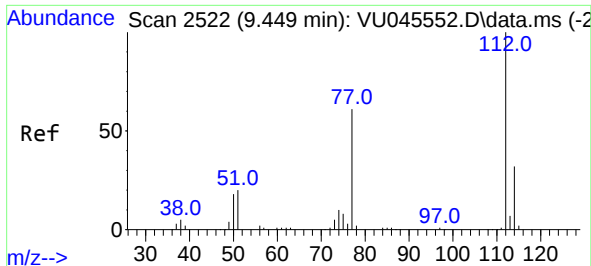


#64
Tetrachloroethene
Concen: 61.499 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU045929.D
Acq: 22 Nov 2021 20:54



Tgt Ion:164 Resp: 62961
Ion Ratio Lower Upper
164 100
166 128.8 102.2 153.4
129 100.2 78.2 117.4
131 96.7 75.1 112.7





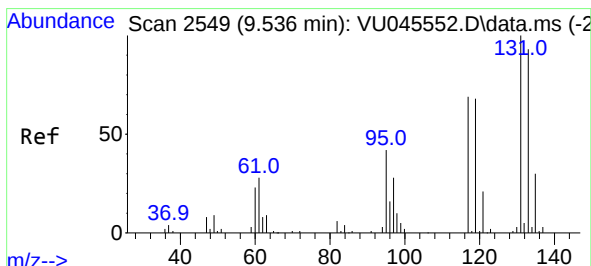
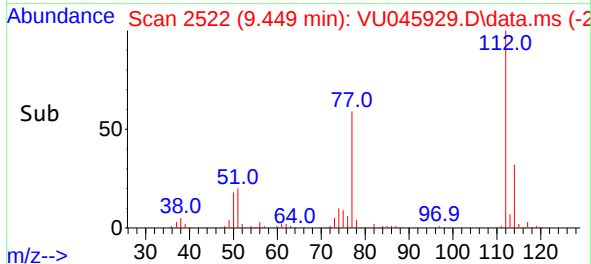
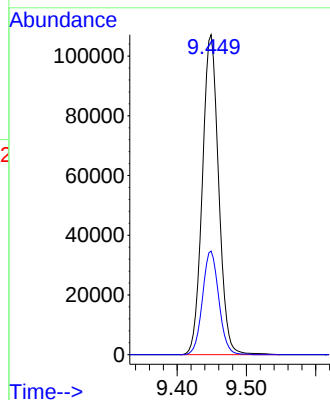
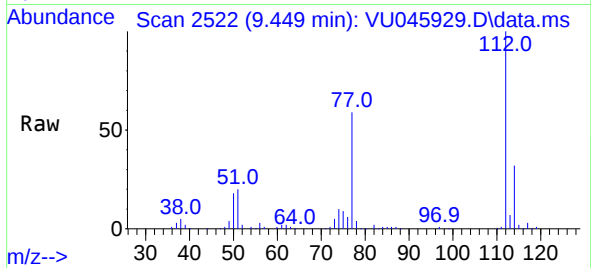
#65
Chlorobenzene
Concen: 50.010 ug/l
RT: 9.449 min Scan# 2522
Delta R.T. -0.000 min
Lab File: VU045929.D
Acq: 22 Nov 2021 20:54

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 17521
Ion Ratio Lower Upper
112 100
114 32.4 25.7 38.5

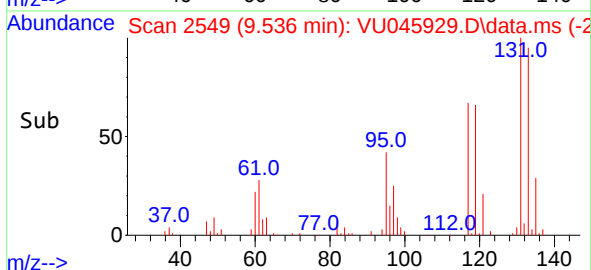
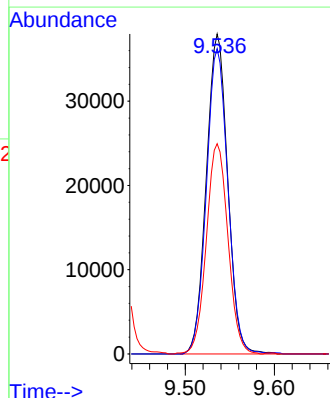
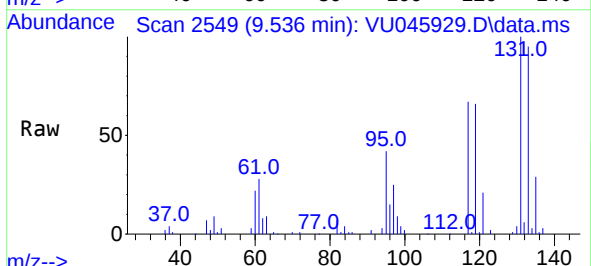
Manual Integrations
APPROVED

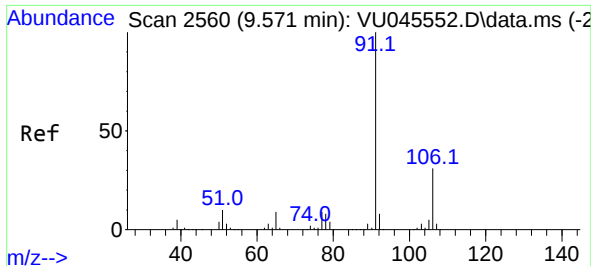
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 50.575 ug/l
RT: 9.536 min Scan# 2549
Delta R.T. -0.000 min
Lab File: VU045929.D
Acq: 22 Nov 2021 20:54

Tgt Ion:131 Resp: 63198
Ion Ratio Lower Upper
131 100
133 95.8 47.9 143.6
119 66.5 34.5 103.6





#67

Ethyl Benzene

Concen: 51.380 ug/l

RT: 9.571 min Scan# 2560

Delta R.T. -0.000 min

Lab File: VU045929.D

Acq: 22 Nov 2021 20:54

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 32237

Ion Ratio Lower Upper

91 100

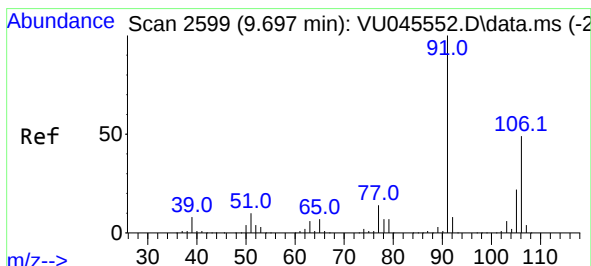
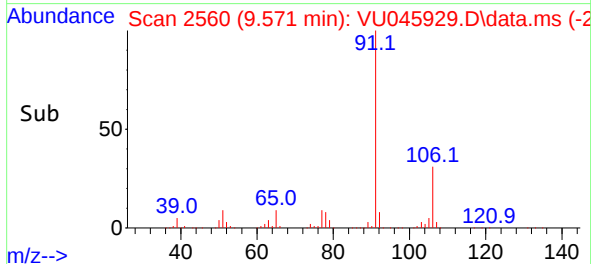
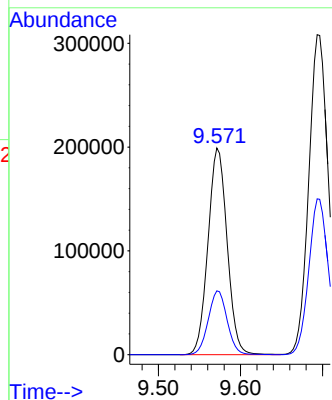
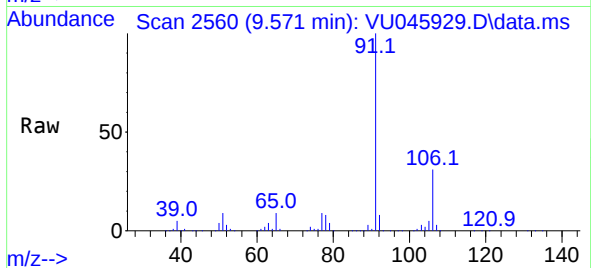
106 30.9 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/23/2021

Supervised By :Mahesh Dadoda 11/23/2021



#68

m/p-Xylenes

Concen: 106.028 ug/l

RT: 9.693 min Scan# 2598

Delta R.T. -0.003 min

Lab File: VU045929.D

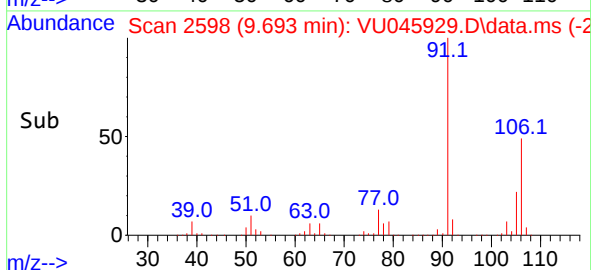
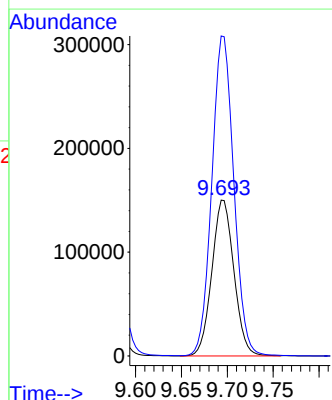
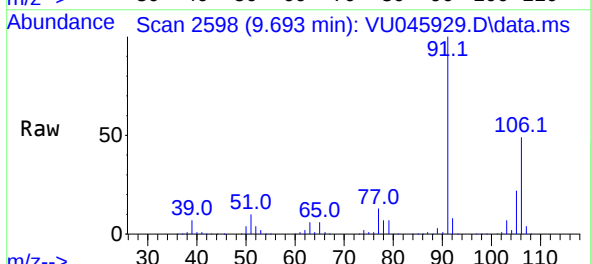
Acq: 22 Nov 2021 20:54

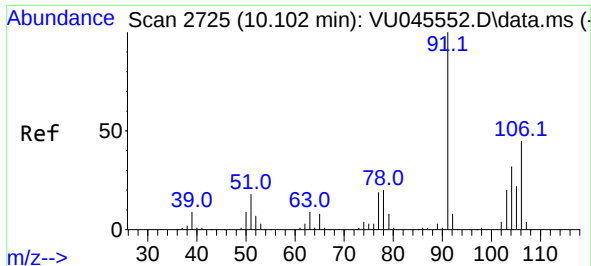
Tgt Ion:106 Resp: 250893

Ion Ratio Lower Upper

106 100

91 205.1 164.7 247.1





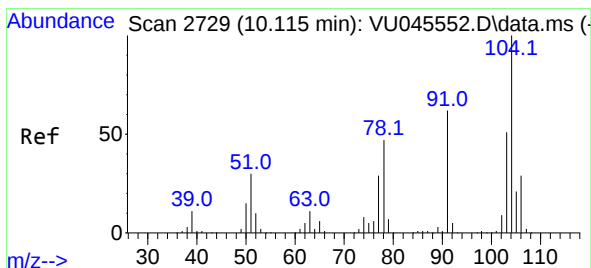
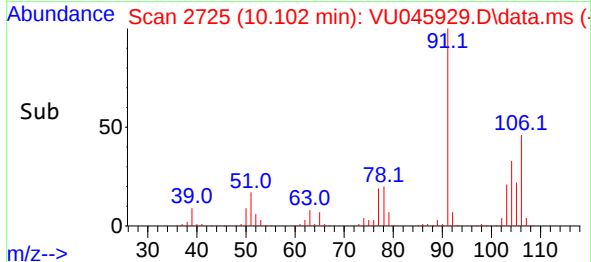
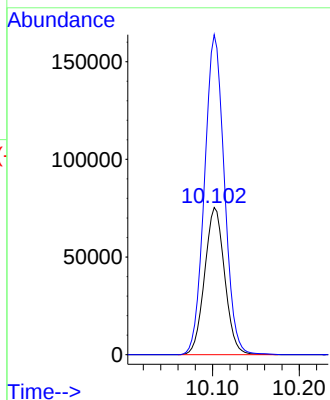
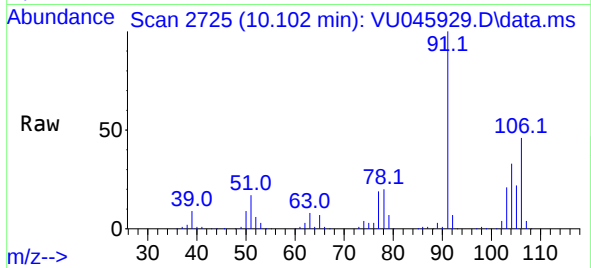
#69
o-Xylene
Concen: 52.653 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU045929.D
Acq: 22 Nov 2021 20:54

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 121130
Ion Ratio Lower Upper
106 100
91 215.8 108.7 326.3

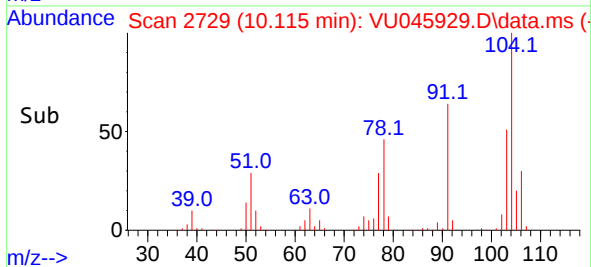
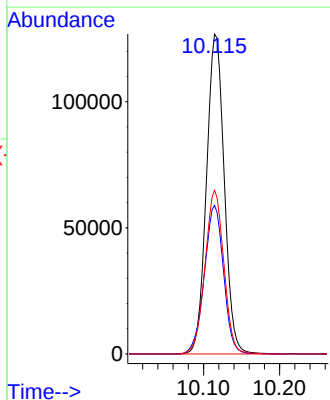
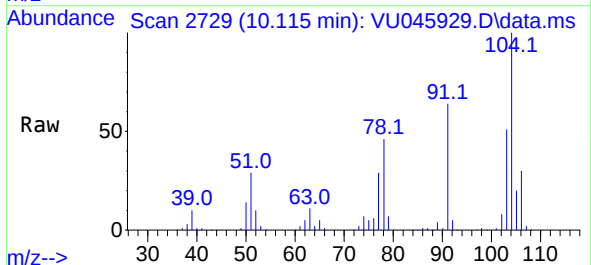
Manual Integrations
APPROVED

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



#70
Styrene
Concen: 52.902 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU045929.D
Acq: 22 Nov 2021 20:54

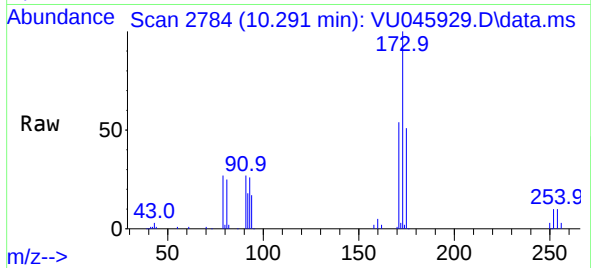
Tgt Ion:104 Resp: 205893
Ion Ratio Lower Upper
104 100
78 50.1 41.8 62.6
103 54.1 43.8 65.6





#71
Bromoform
Concen: 47.317 ug/l
RT: 10.291 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU045929.D
Acq: 22 Nov 2021 20:54

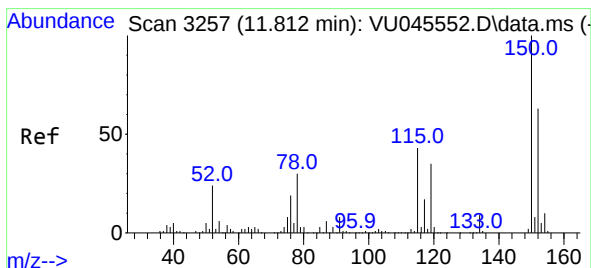
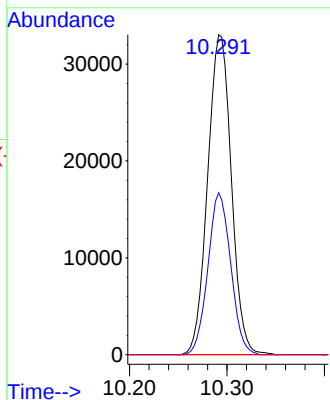
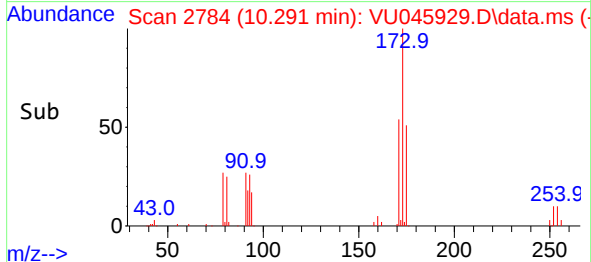
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



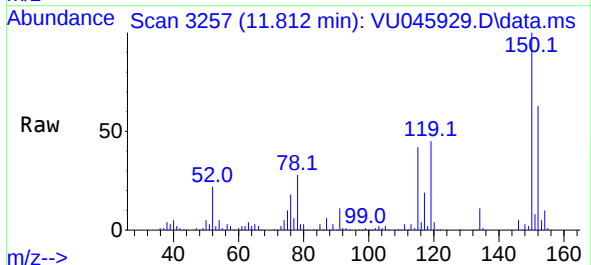
Tgt Ion:173 Resp: 55754
Ion Ratio Lower Upper
173 100
175 48.7 24.1 72.2
254 0.0 0.0 0.0

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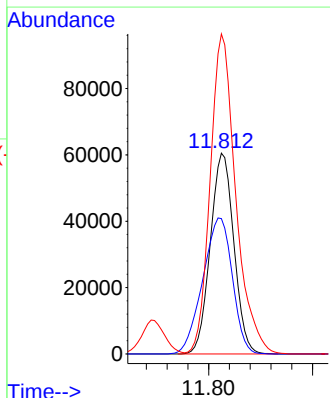
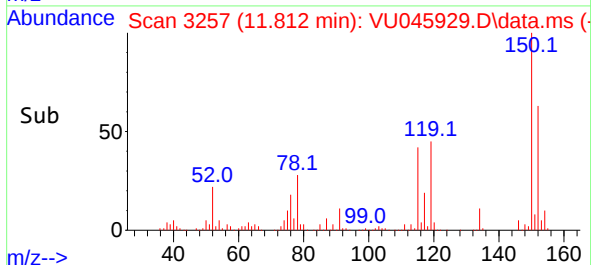
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021

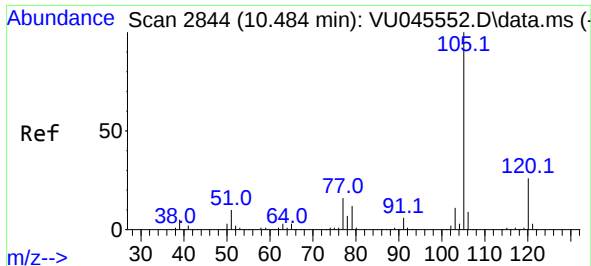


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. -0.000 min
Lab File: VU045929.D
Acq: 22 Nov 2021 20:54



Tgt Ion:152 Resp: 95238
Ion Ratio Lower Upper
152 100
115 85.0 42.7 128.1
150 172.9 0.0 346.8





#73
Isopropylbenzene
Concen: 51.479 ug/l
RT: 10.488 min Scan# 2845
Delta R.T. 0.003 min
Lab File: VU045929.D
Acq: 22 Nov 2021 20:54

Instrument :

MSVOA_U

ClientSampleId :

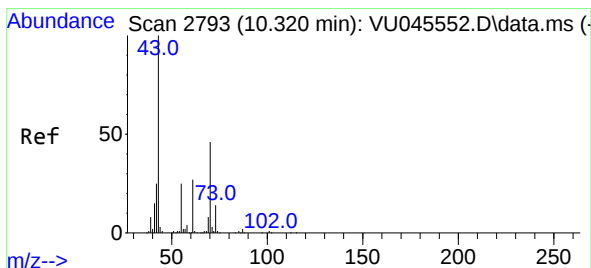
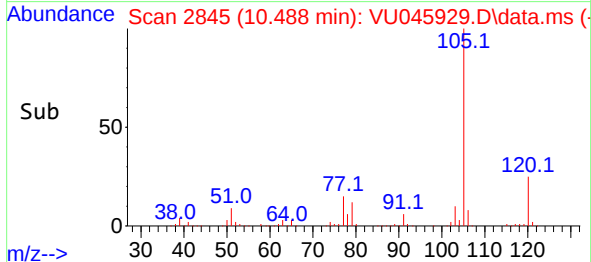
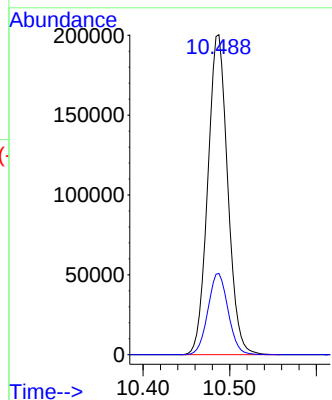
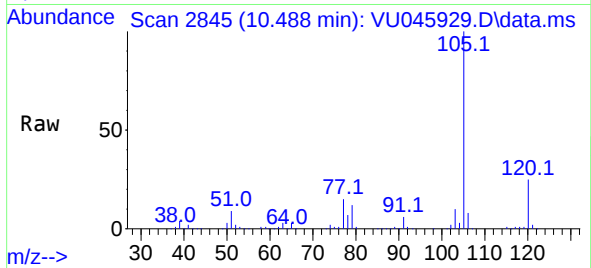
VSTDCCC050EC

Tgt Ion:105 Resp: 32034
Ion Ratio Lower Upper
105 100
120 25.7 12.9 38.6

Manual Integrations

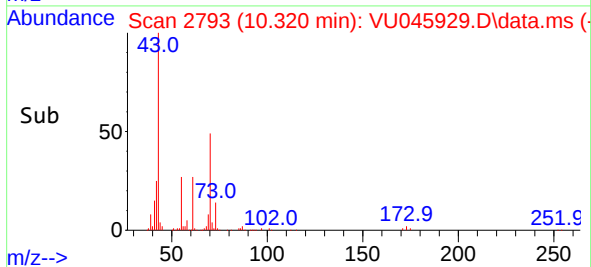
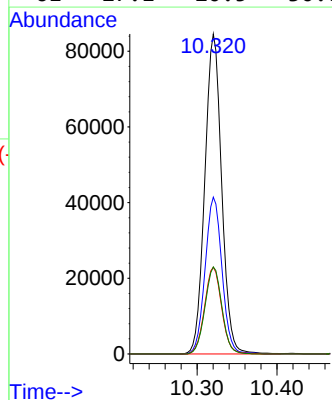
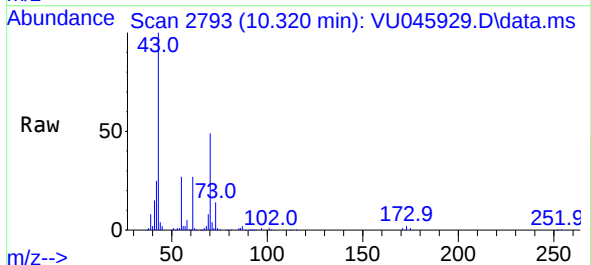
APPROVED

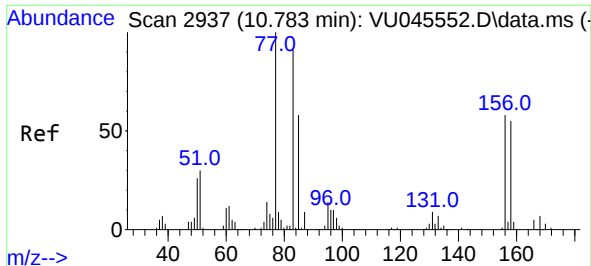
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021



#74
N-ethyl acetate
Concen: 44.212 ug/l
RT: 10.320 min Scan# 2793
Delta R.T. -0.000 min
Lab File: VU045929.D
Acq: 22 Nov 2021 20:54

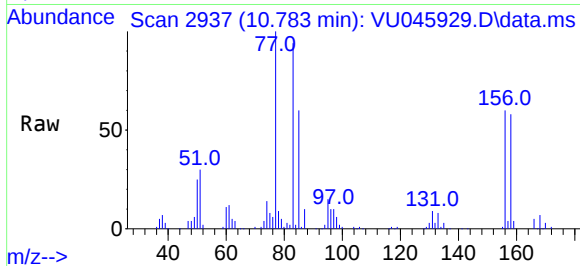
Tgt Ion: 43 Resp: 124114
Ion Ratio Lower Upper
43 100
70 49.2 36.9 55.3
55 27.5 20.6 31.0
61 27.1 20.5 30.7





#75
1,1,2,2-Tetrachloroethane
Concen: 48.598 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VU045929.D
Acq: 22 Nov 2021 20:54

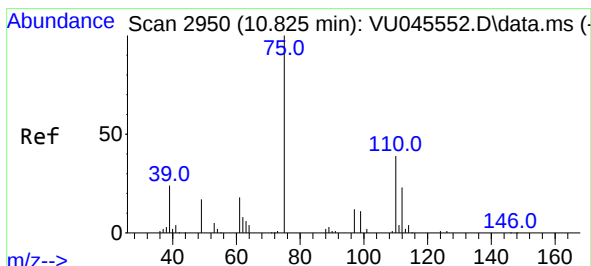
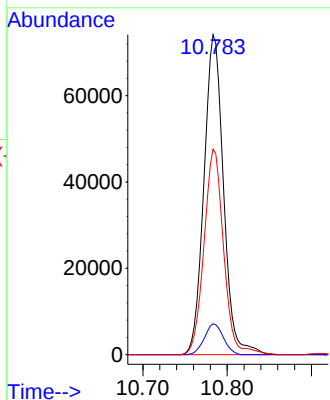
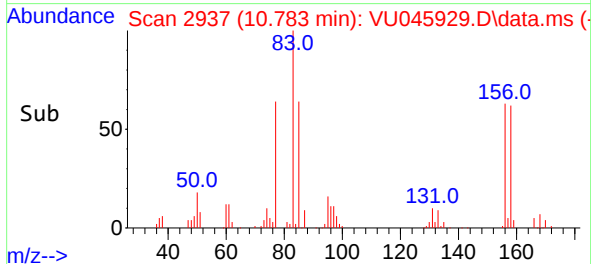
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



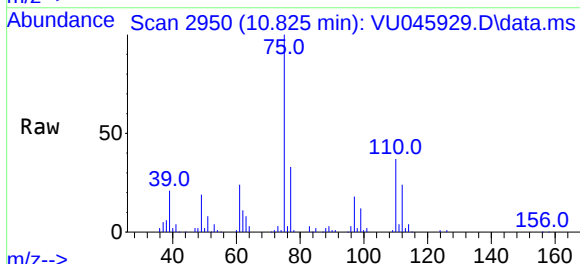
Tgt Ion: 83 Resp: 119815
Ion Ratio Lower Upper
83 100
131 9.3 4.4 13.2
85 64.4 31.9 95.9

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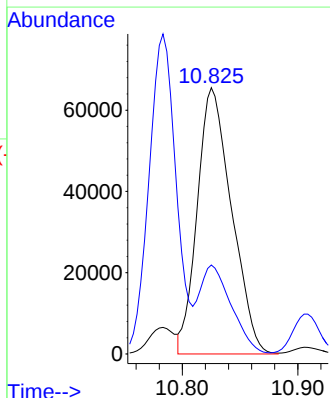
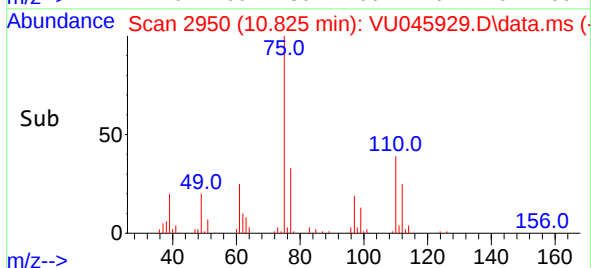
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021

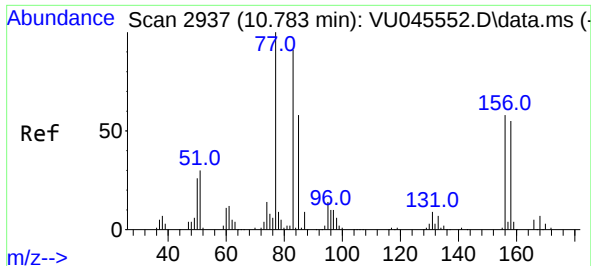


#76
1,2,3-Trichloropropane
Concen: 46.811 ug/l
RT: 10.825 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU045929.D
Acq: 22 Nov 2021 20:54



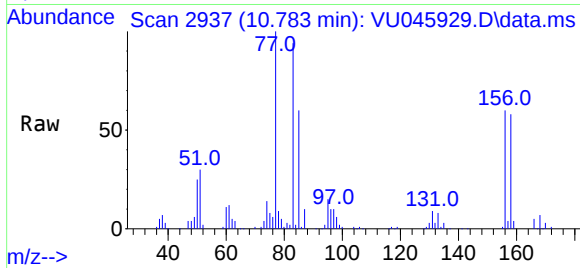
Tgt Ion: 75 Resp: 135198
Ion Ratio Lower Upper
75 100
77 31.0 17.1 51.3





#77
Bromobenzene
Concen: 50.030 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VU045929.D
Acq: 22 Nov 2021 20:54

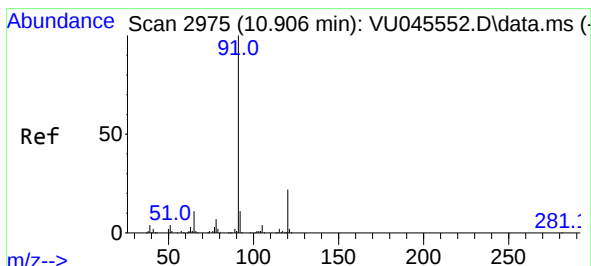
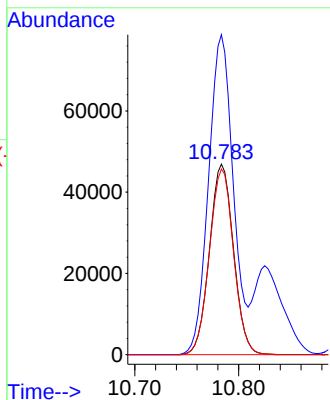
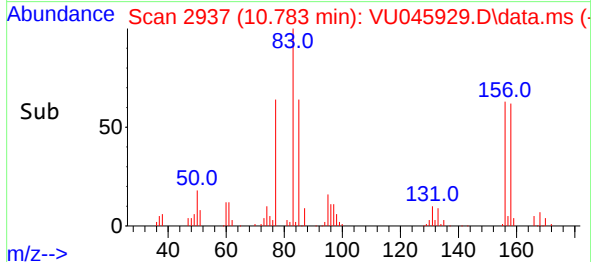
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



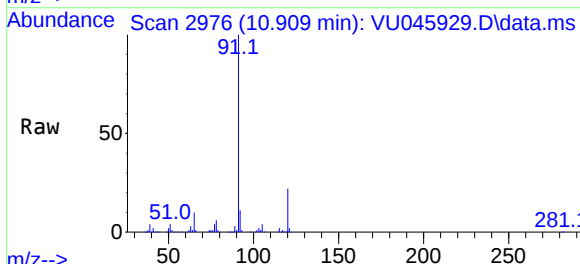
Tgt Ion:156 Resp: 7558
Ion Ratio Lower Upper
156 100
77 171.9 91.1 273.4
158 97.8 47.9 143.6

Manual Integrations
APPROVED

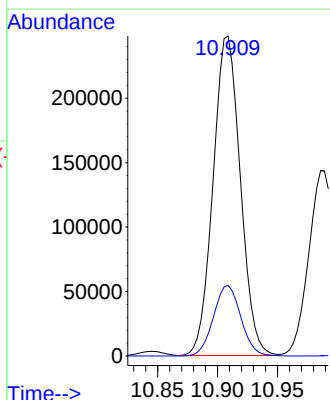
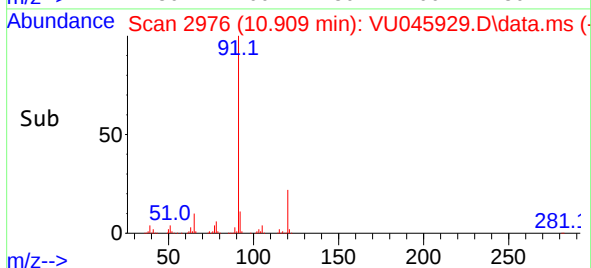
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021



#78
n-propylbenzene
Concen: 50.523 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. 0.003 min
Lab File: VU045929.D
Acq: 22 Nov 2021 20:54



Tgt Ion: 91 Resp: 391293
Ion Ratio Lower Upper
91 100
120 22.2 10.9 32.7





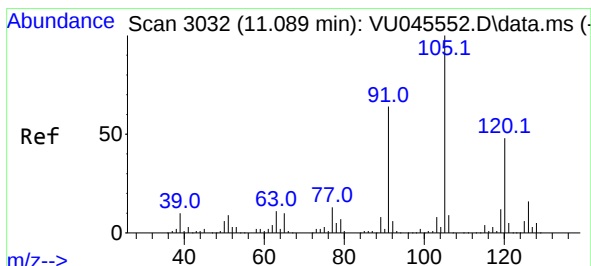
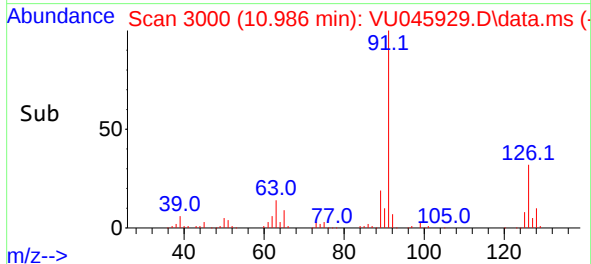
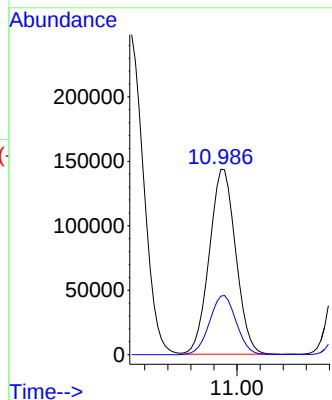
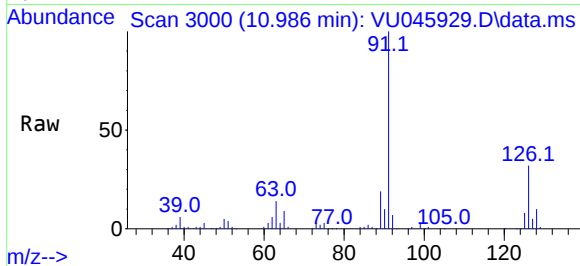
#79
2-Chlorotoluene
Concen: 49.899 ug/l
RT: 10.986 min Scan# 3000
Delta R.T. -0.000 min
Lab File: VU045929.D
Acq: 22 Nov 2021 20:54

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 228325
Ion Ratio Lower Upper
91 100
126 32.3 15.6 46.8

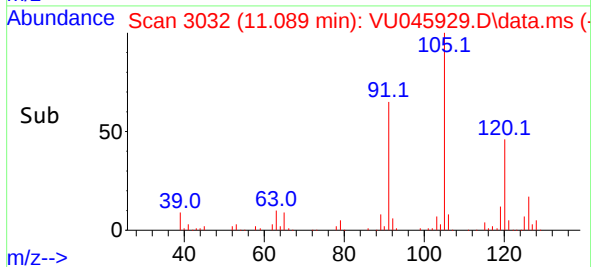
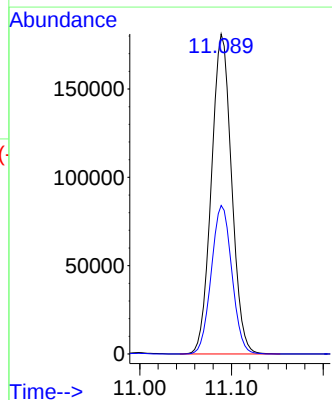
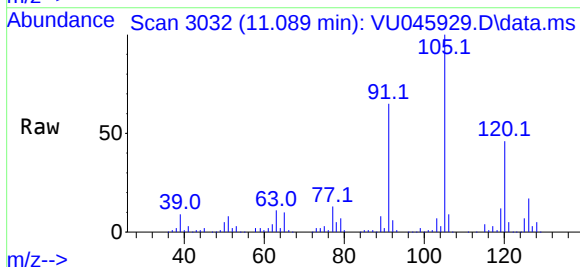
Manual Integrations
APPROVED

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



#80
1,3,5-Trimethylbenzene
Concen: 51.074 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VU045929.D
Acq: 22 Nov 2021 20:54

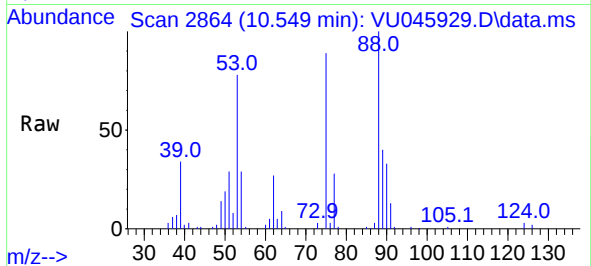
Tgt Ion:105 Resp: 277685
Ion Ratio Lower Upper
105 100
120 47.2 23.9 71.8





#81
trans-1,4-Dichloro-2-butene
Concen: 40.377 ug/l
RT: 10.549 min Scan# 2864
Delta R.T. -0.000 min
Lab File: VU045929.D
Acq: 22 Nov 2021 20:54

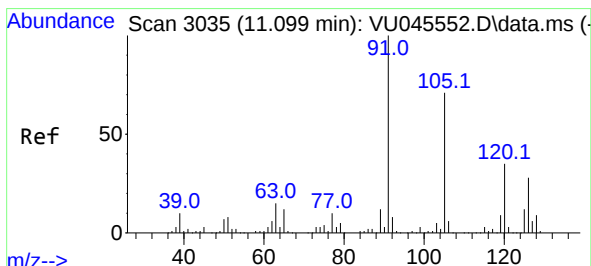
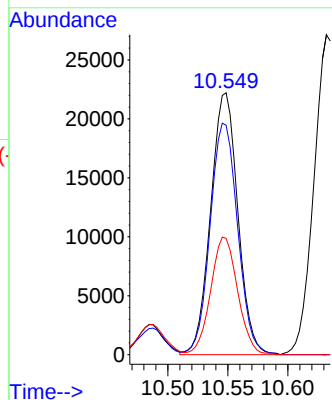
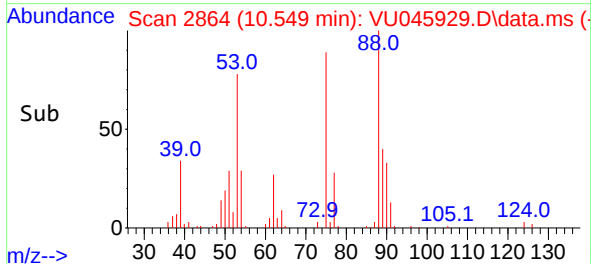
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



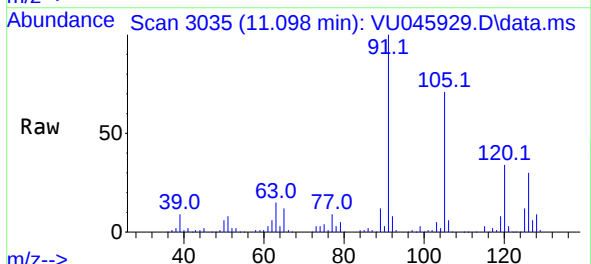
Tgt Ion: 75 Resp: 35058
Ion Ratio Lower Upper
75 100
53 89.6 76.2 114.4
89 44.6 34.0 51.0

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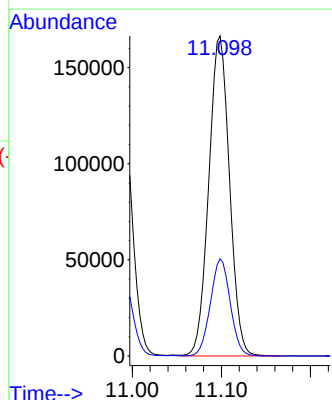
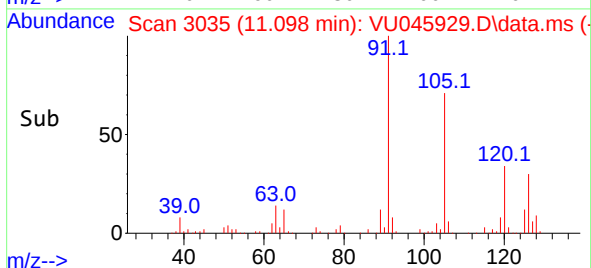
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021

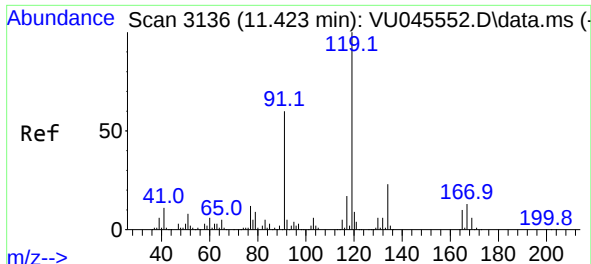


#82
4-Chlorotoluene
Concen: 50.111 ug/l
RT: 11.098 min Scan# 3035
Delta R.T. -0.000 min
Lab File: VU045929.D
Acq: 22 Nov 2021 20:54



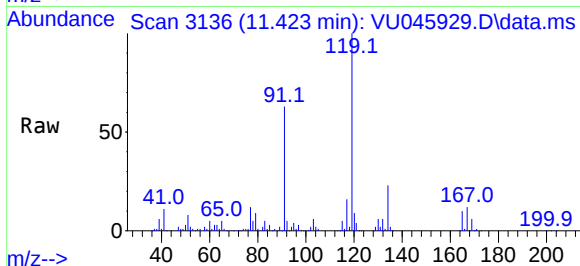
Tgt Ion: 91 Resp: 268905
Ion Ratio Lower Upper
91 100
126 29.0 13.8 41.4





#83
tert-Butylbenzene
Concen: 49.045 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. -0.000 min
Lab File: VU045929.D
Acq: 22 Nov 2021 20:54

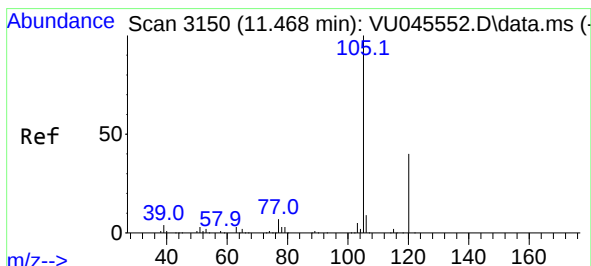
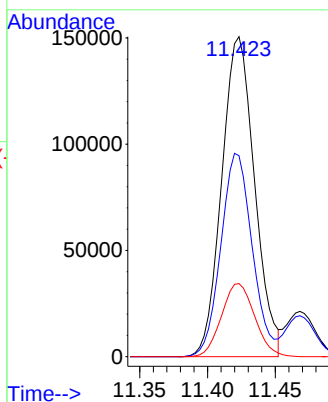
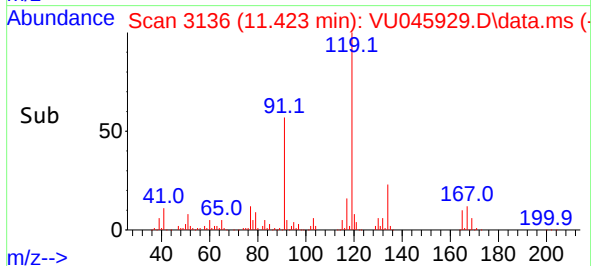
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



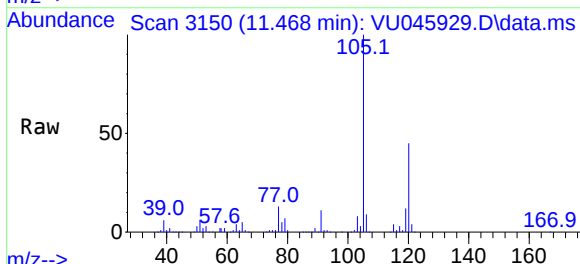
Tgt Ion:119 Resp: 25418
Ion Ratio Lower Upper
119 100
91 60.4 30.5 91.5
134 23.0 11.5 34.5

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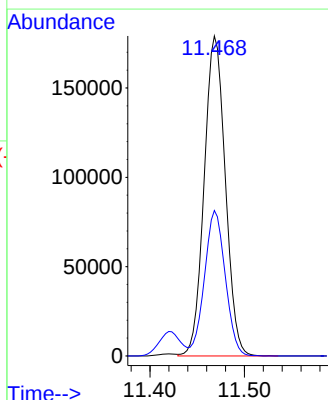
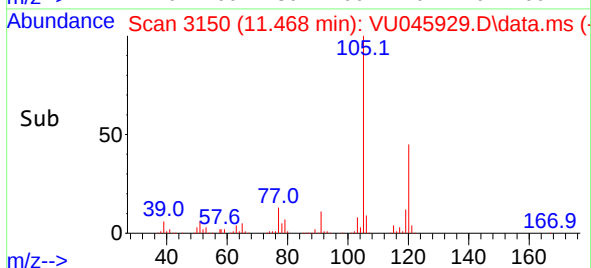
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021

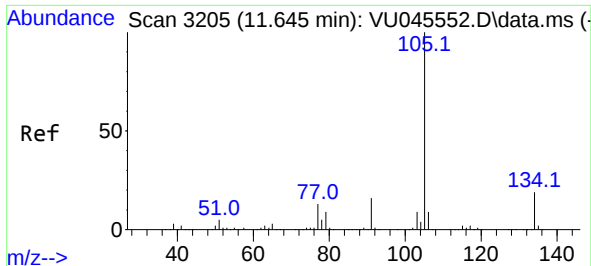


#84
1,2,4-Trimethylbenzene
Concen: 51.523 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VU045929.D
Acq: 22 Nov 2021 20:54



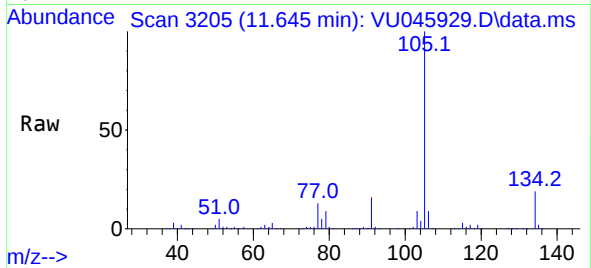
Tgt Ion:105 Resp: 278409
Ion Ratio Lower Upper
105 100
120 44.8 22.2 66.6





#85
 sec-Butylbenzene
 Concen: 50.293 ug/l
 RT: 11.645 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU045929.D
 Acq: 22 Nov 2021 20:54

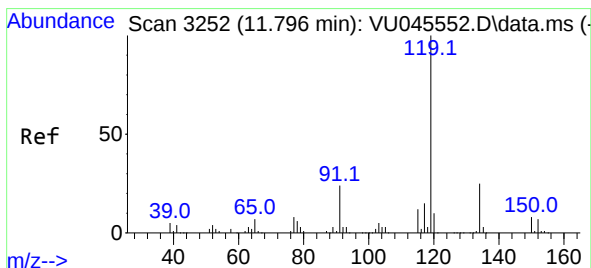
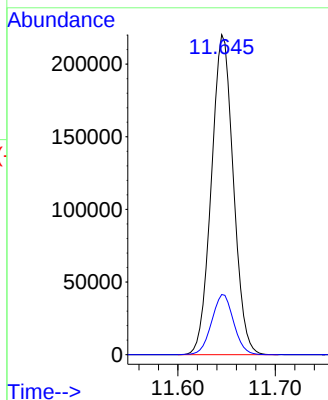
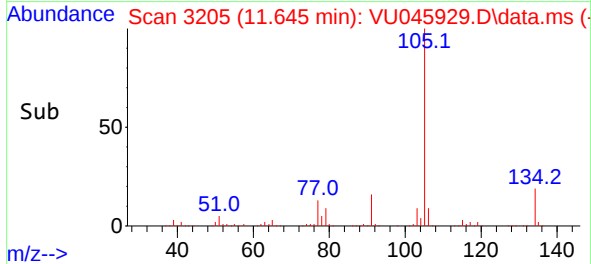
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC



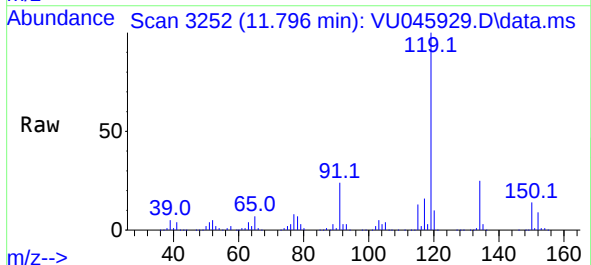
Tgt Ion:105 Resp: 34569
 Ion Ratio Lower Upper
 105 100
 134 18.8 9.4 28.3

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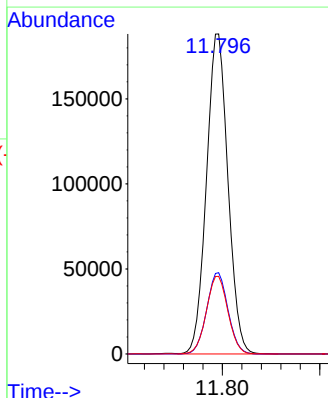
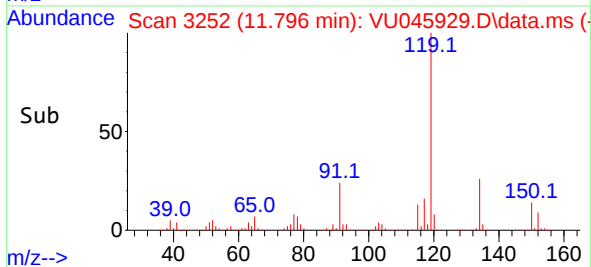
Reviewed By :John Carlone 11/23/2021
 Supervised By :Mahesh Dadoda 11/23/2021

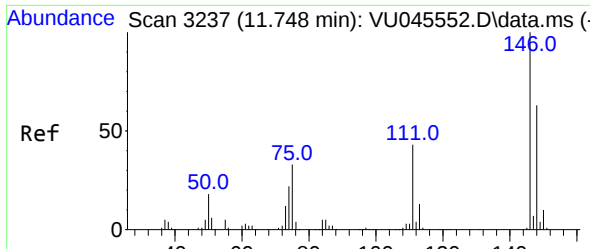


#86
 p-Isopropyltoluene
 Concen: 50.163 ug/l
 RT: 11.796 min Scan# 3252
 Delta R.T. -0.000 min
 Lab File: VU045929.D
 Acq: 22 Nov 2021 20:54



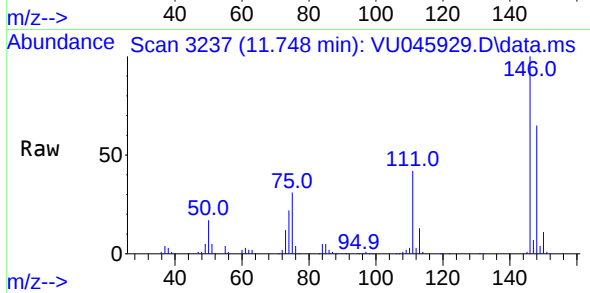
Tgt Ion:119 Resp: 288130
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.7 38.1
 91 24.4 12.2 36.4





#87
1,3-Dichlorobenzene
Concen: 48.687 ug/l
RT: 11.748 min Scan# 3237
Delta R.T. -0.000 min
Lab File: VU045929.D
Acq: 22 Nov 2021 20:54

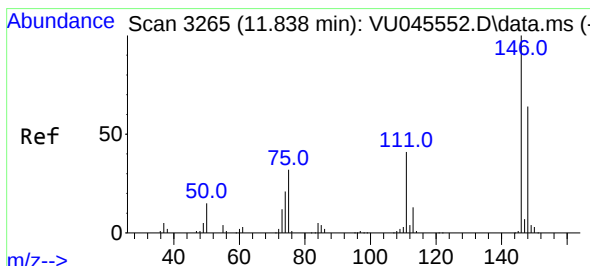
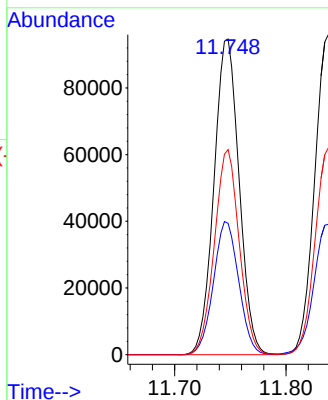
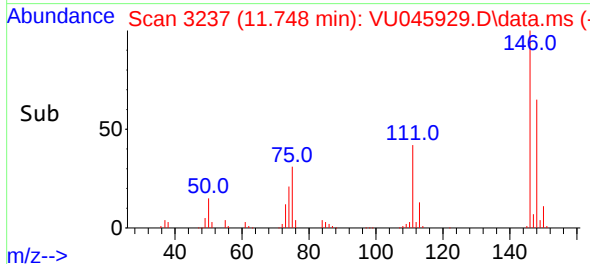
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



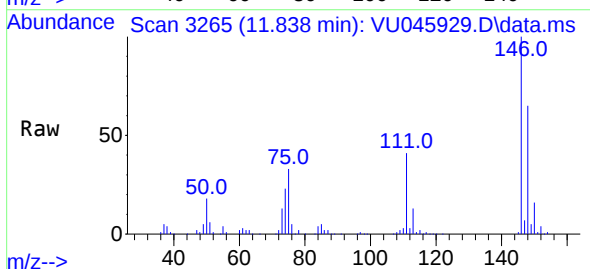
Tgt Ion:146 Resp: 148410
Ion Ratio Lower Upper
146 100
111 42.5 21.3 63.9
148 64.4 31.7 95.1

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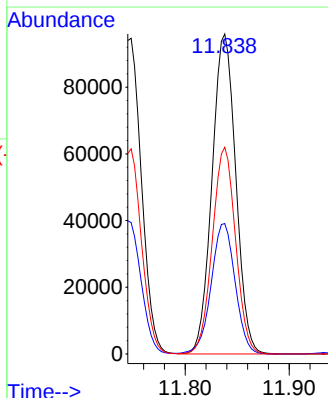
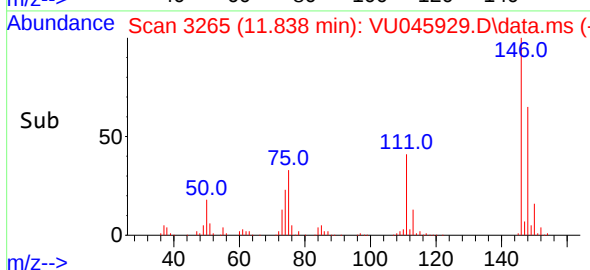
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021

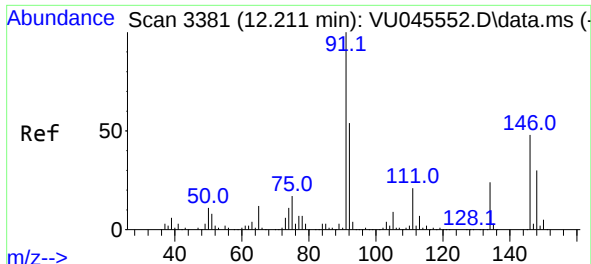


#88
1,4-Dichlorobenzene
Concen: 49.426 ug/l
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU045929.D
Acq: 22 Nov 2021 20:54



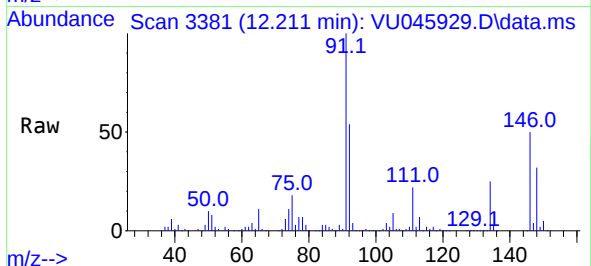
Tgt Ion:146 Resp: 152385
Ion Ratio Lower Upper
146 100
111 41.2 20.6 61.9
148 63.3 31.9 95.7





#89
n-Butylbenzene
Concen: 47.481 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. -0.000 min
Lab File: VU045929.D
Acq: 22 Nov 2021 20:54

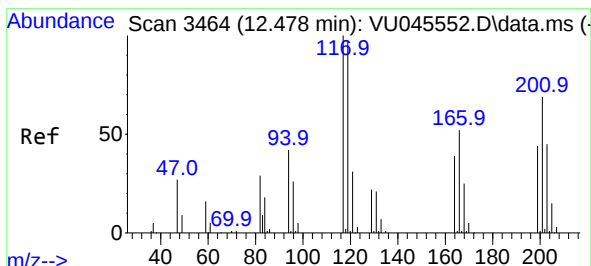
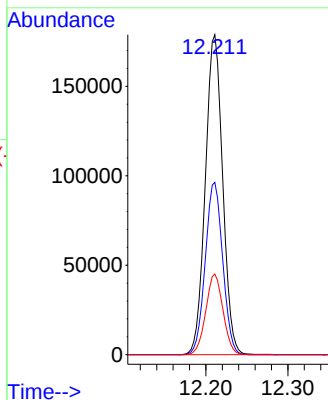
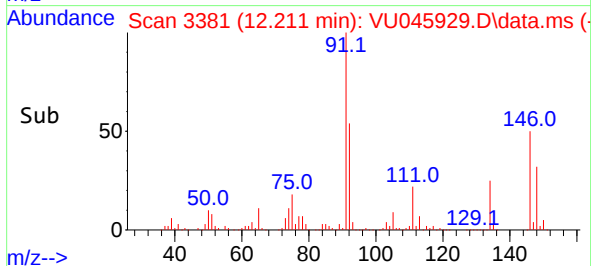
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



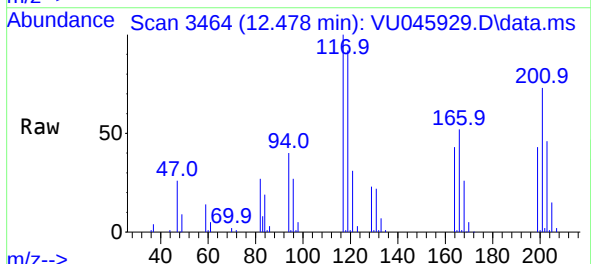
Tgt Ion: 91 Resp: 262715
Ion Ratio Lower Upper
91 100
92 54.1 27.1 81.2
134 25.0 11.8 35.4

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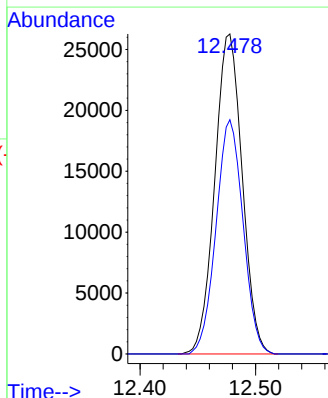
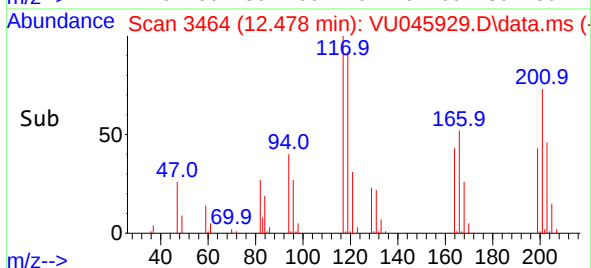
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021

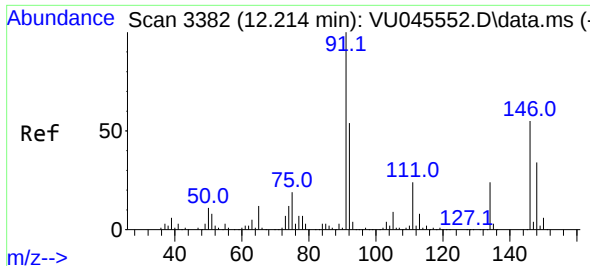


#90
Hexachloroethane
Concen: 41.811 ug/l
RT: 12.478 min Scan# 3464
Delta R.T. -0.000 min
Lab File: VU045929.D
Acq: 22 Nov 2021 20:54



Tgt Ion:117 Resp: 43324
Ion Ratio Lower Upper
117 100
201 72.0 33.8 101.4





#91

1,2-Dichlorobenzene

Concen: 50.202 ug/l

RT: 12.214 min Scan# 3382

Delta R.T. -0.000 min

Lab File: VU045929.D

Acq: 22 Nov 2021 20:54

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 148890

Ion Ratio Lower Upper

146 100

111 43.8 21.9 65.5

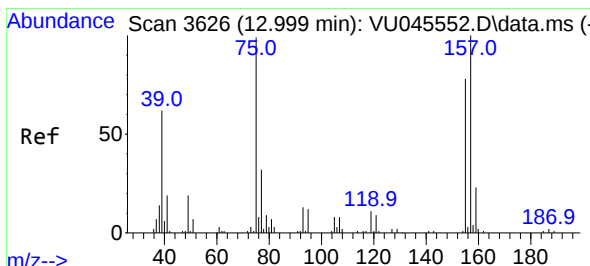
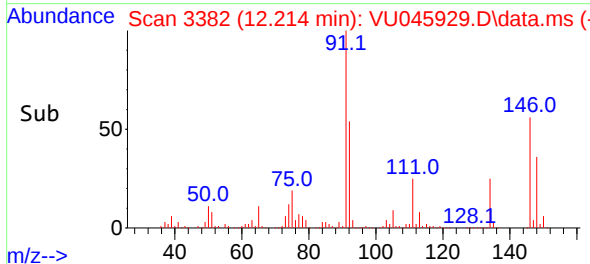
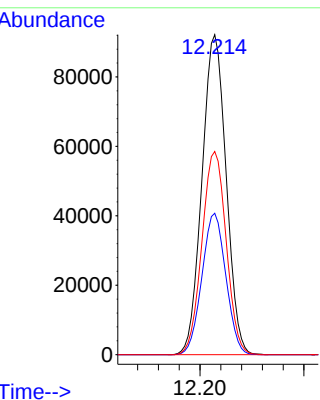
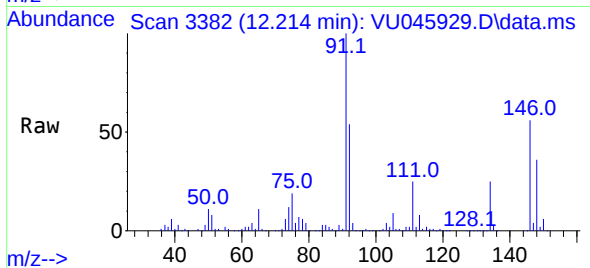
148 63.7 32.1 96.3

Manual Integrations

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Reviewed By :John Carlone 11/23/2021

Supervised By :Mahesh Dadoda 11/23/2021



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.286 ug/l

RT: 12.999 min Scan# 3626

Delta R.T. -0.000 min

Lab File: VU045929.D

Acq: 22 Nov 2021 20:54

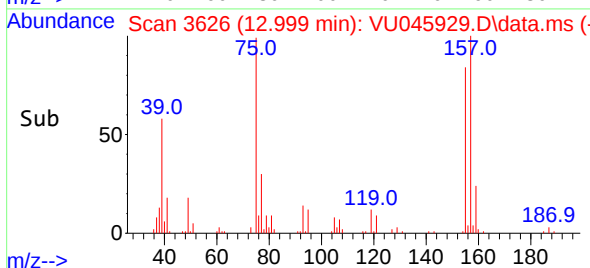
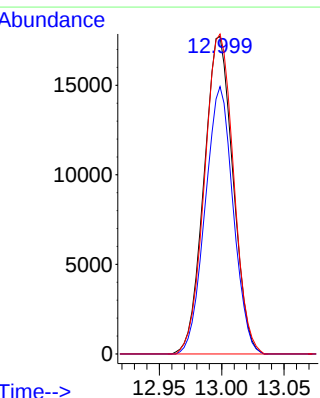
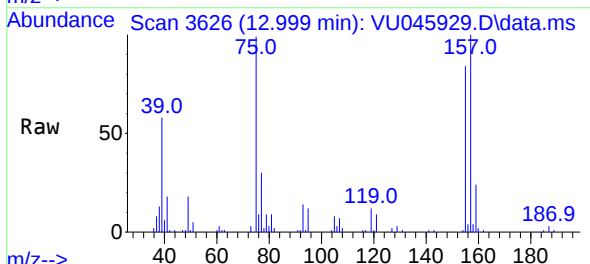
Tgt Ion: 75 Resp: 28672

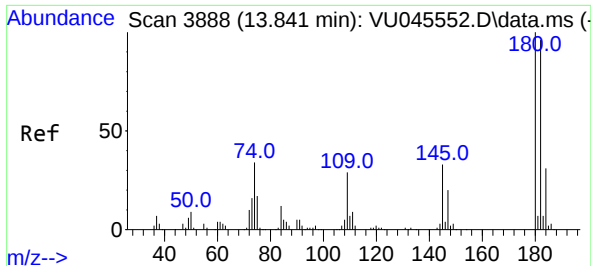
Ion Ratio Lower Upper

75 100

155 81.4 37.8 113.3

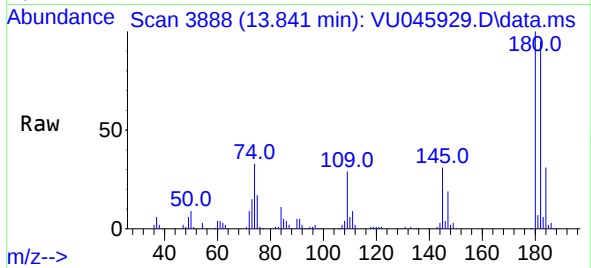
157 100.9 48.4 145.2





#93
1,2,4-Trichlorobenzene
Concen: 49.113 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. -0.000 min
Lab File: VU045929.D
Acq: 22 Nov 2021 20:54

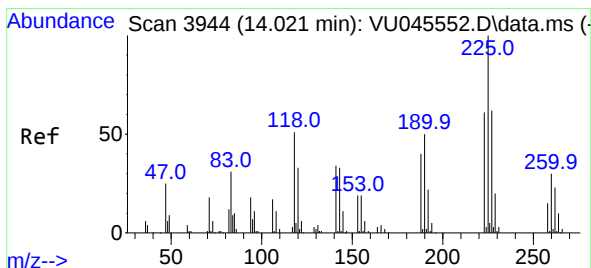
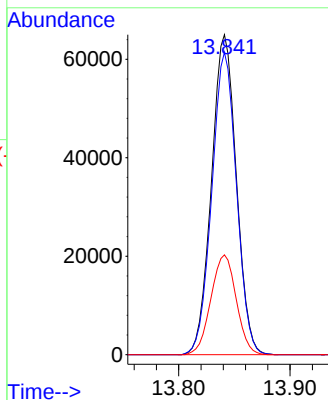
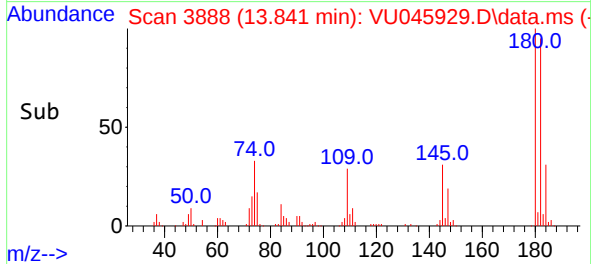
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



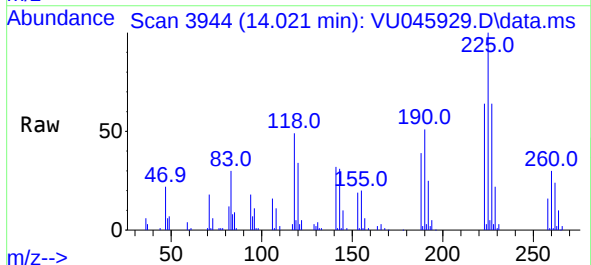
Tgt Ion:180 Resp: 10071
Ion Ratio Lower Upper
180 100
182 93.8 47.0 141.2
145 31.8 15.6 46.7

Manual Integrations
APPROVED

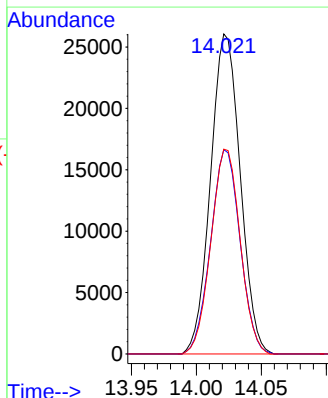
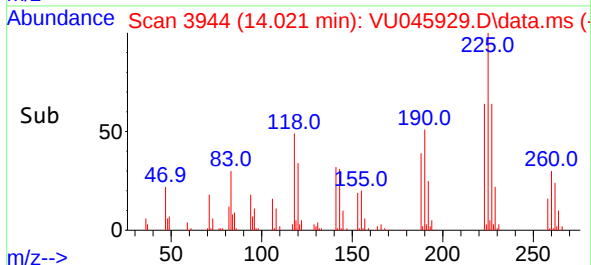
Reviewed By :John Carlone 11/23/2021
Supervised By :Mahesh Dadoda 11/23/2021

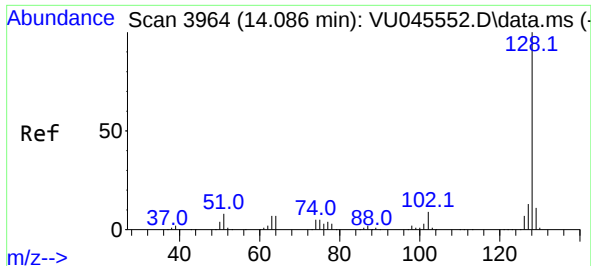


#94
Hexachlorobutadiene
Concen: 46.774 ug/l
RT: 14.021 min Scan# 3944
Delta R.T. -0.000 min
Lab File: VU045929.D
Acq: 22 Nov 2021 20:54



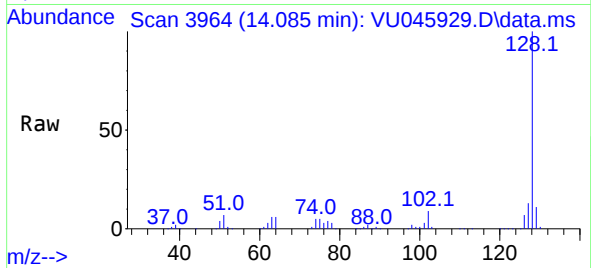
Tgt Ion:225 Resp: 41404
Ion Ratio Lower Upper
225 100
223 63.3 32.0 96.2
227 63.0 31.1 93.5





#95
Naphthalene
Concen: 47.134 ug/l
RT: 14.085 min Scan# 3964
Delta R.T. -0.001 min
Lab File: VU045929.D
Acq: 22 Nov 2021 20:54

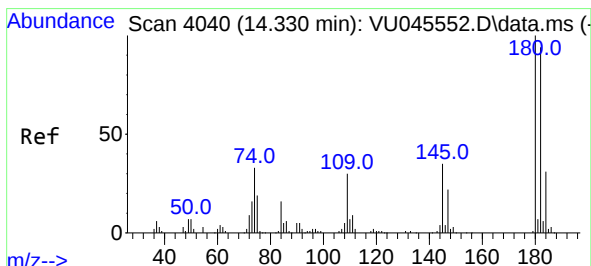
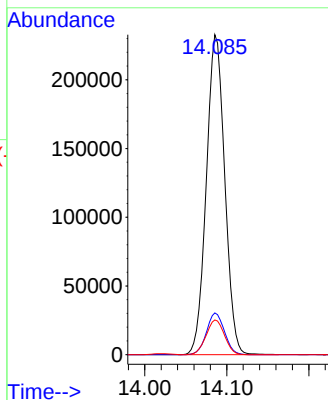
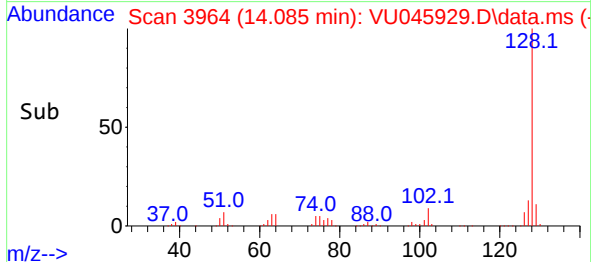
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



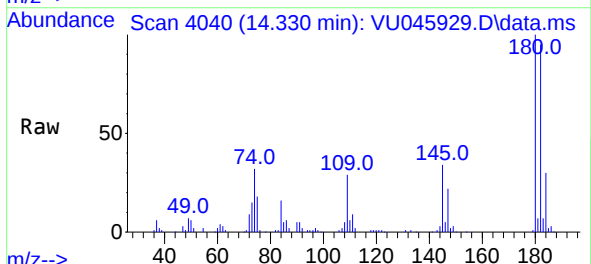
Tgt Ion:128 Resp: 36290
Ion Ratio Lower Upper
128 100
127 12.7 10.6 15.8
129 10.9 8.6 13.0

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 49.507 ug/l
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU045929.D
Acq: 22 Nov 2021 20:54



Tgt Ion:180 Resp: 100838
Ion Ratio Lower Upper
180 100
182 96.1 47.7 143.1
145 34.2 16.7 50.0

