

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070121\
 Data File : VU044275.D
 Acq On : 01 Jul 2021 10:06
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 02 01:39:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR062121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 01 02:36:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.257	114	149585	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.424	117	140382	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	80541	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	33697	4.161	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.200%
7) Chloroethane-d5	1.919	69	35591	4.463	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.200%
11) 1,1-Dichloroethene-d2	2.575	65	17846	4.293	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.800%
20) 2-Butanone-d5	4.643	46	156906	52.611	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.220%
24) Chloroform-d	5.073	84	88886	4.875	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
26) 1,2-Dichloroethane-d4	5.710	65	50756	4.657	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.200%
32) Benzene-d6	5.736	84	171673	4.924	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.400%
36) 1,2-Dichloropropane-d6	6.700	67	56925	5.038	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.800%
41) Toluene-d8	7.906	98	160977	4.976	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.600%
43) trans-1,3-Dichloroprop...	8.186	79	24338	4.644	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.800%
46) 2-Hexanone-d5	8.642	63	131798	52.798	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.600%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	51224	5.099	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.000%
66) 1,2-Dichlorobenzene-d4	12.199	152	68838	5.187	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.389	85	40213	4.565	ug/L	99
3) Chloromethane	1.524	50	44422	4.360	ug/L	99
5) Vinyl chloride	1.607	62	48850	4.621	ug/L	98
6) Bromomethane	1.865	94	31023	4.576	ug/L	100
8) Chloroethane	1.939	64	34151	4.748	ug/L	100
9) Trichlorofluoromethane	2.144	101	78816	5.339	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	45552	5.141	ug/L	98
12) 1,1-Dichloroethene	2.588	96	40507	4.690	ug/L	95
13) Acetone	2.649	43	78735	59.044	ug/L	91
14) Carbon disulfide	2.800	76	106455	4.002	ug/L	98
15) Methyl Acetate	2.964	43	17945	4.790	ug/L	97
16) Methylene chloride	3.054	84	55924	4.804	ug/L	97
17) Methyl tert-butyl Ether	3.376	73	129012	5.037	ug/L	99
18) trans-1,2-Dichloroethene	3.363	96	44146	4.802	ug/L	100
19) 1,1-Dichloroethane	3.881	63	88188	5.029	ug/L	99
21) 2-Butanone	4.723	43	137168	45.278	ug/L	96
22) cis-1,2-Dichloroethene	4.678	96	51127	5.083	ug/L	96
23) Bromochloromethane	4.987	128	23797	5.194	ug/L	89
25) Chloroform	5.099	83	92211	4.925	ug/L	99

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 ALS Vial : 2 Sample Multiplier: 1

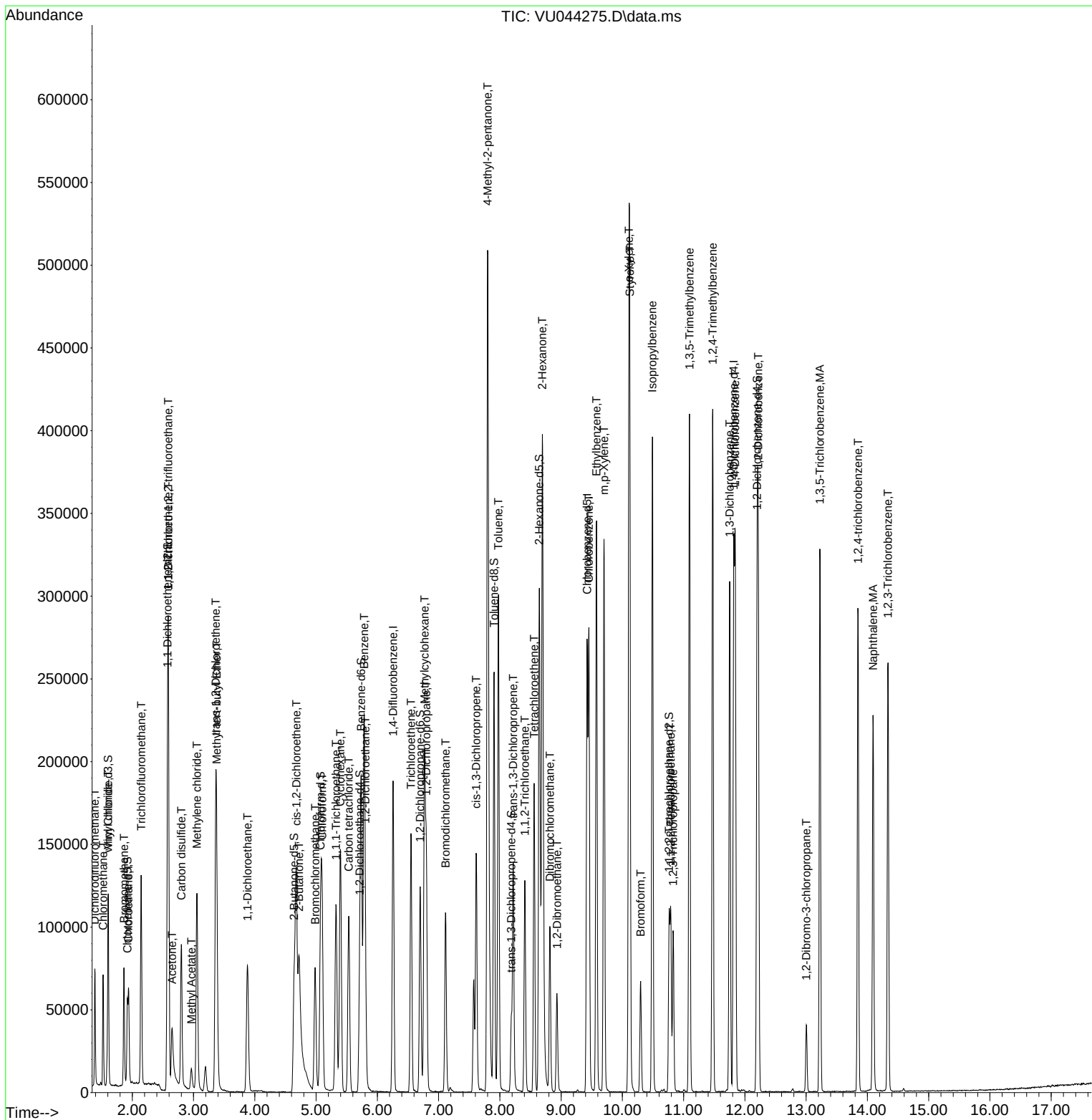
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 MSVOA_U
 ClientSampleId :

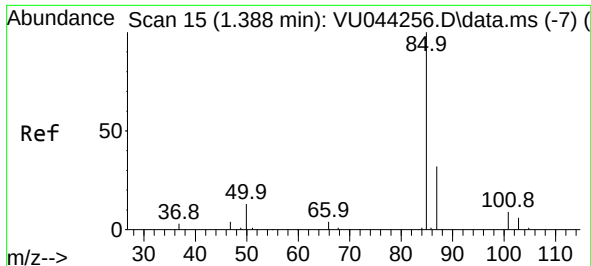
Quant Time: Jul 02 01:39:07 2021
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	64014	5.129	ug/L	98
29) 1,1,1-Trichloroethane	5.324	97	82661	5.227	ug/L	99
30) Cyclohexane	5.395	56	75617	4.635	ug/L	98
31) Carbon tetrachloride	5.533	117	72141	5.353	ug/L	97
33) Benzene	5.784	78	187489	5.091	ug/L	100
34) Trichloroethene	6.549	95	51140	5.128	ug/L	95
35) Methylcyclohexane	6.771	83	80670	4.899	ug/L	98
37) 1,2-Dichloropropane	6.800	63	52633	5.412	ug/L	100
38) Bromodichloromethane	7.112	83	70367	5.146	ug/L	99
39) cis-1,3-Dichloropropene	7.614	75	83330	5.218	ug/L	99
40) 4-Methyl-2-pentanone	7.800	43	416172	53.246	ug/L	100
42) Toluene	7.977	91	209642	5.169	ug/L	99
44) trans-1,3-Dichloropropene	8.218	75	75409	5.149	ug/L	98
45) 1,1,2-Trichloroethane	8.408	97	39260	5.363	ug/L	99
47) Tetrachloroethene	8.559	164	38912	5.277	ug/L	97
48) 2-Hexanone	8.694	43	300920	54.634	ug/L	98
49) Dibromochloromethane	8.816	129	50735	5.460	ug/L	99
50) 1,2-Dibromoethane	8.932	107	37897	5.359	ug/L	98
51) Chlorobenzene	9.453	112	137774	5.304	ug/L	99
52) Ethylbenzene	9.578	91	243546	5.202	ug/L	99
53) m,p-Xylene	9.700	106	93462	5.272	ug/L	100
54) o-Xylene	10.105	106	91890	5.332	ug/L	100
55) Styrene	10.121	104	159992	5.294	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.790	83	52152	5.369	ug/L	99
59) Bromoform	10.298	173	29323	5.143	ug/L	96
60) Isopropylbenzene	10.491	105	252821	5.162	ug/L	99
61) 1,2,3-Trichloropropane	10.829	75	38748	5.329	ug/L	99
62) 1,3,5-Trimethylbenzene	11.096	105	221171	5.183	ug/L	99
63) 1,2,4-Trimethylbenzene	11.475	105	226501	5.189	ug/L	99
64) 1,3-Dichlorobenzene	11.752	146	120522	5.452	ug/L	97
65) 1,4-Dichlorobenzene	11.842	146	118637	5.322	ug/L	99
67) 1,2-Dichlorobenzene	12.218	146	112922	5.431	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.002	75	10108	5.322	ug/L	91
69) 1,3,5-Trichlorobenzene	13.224	180	96037	5.700	ug/L	98
70) 1,2,4-trichlorobenzene	13.845	180	84600	5.929	ug/L	99
71) Naphthalene	14.092	128	176845	6.846	ug/L	100
72) 1,2,3-Trichlorobenzene	14.337	180	75969	6.165	ug/L	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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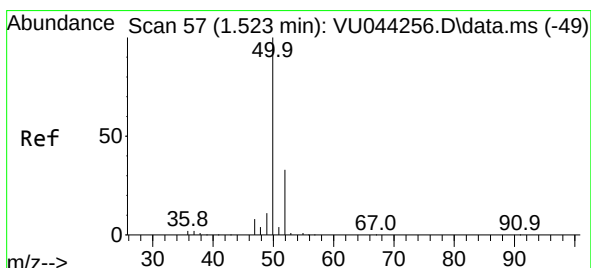
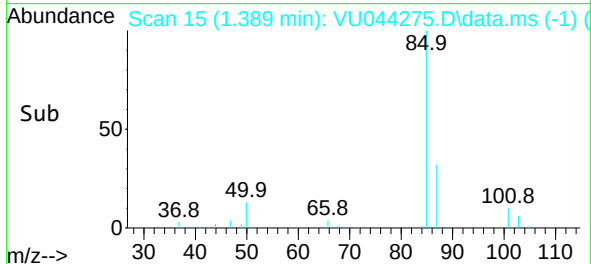
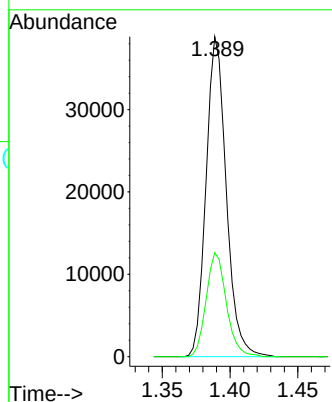
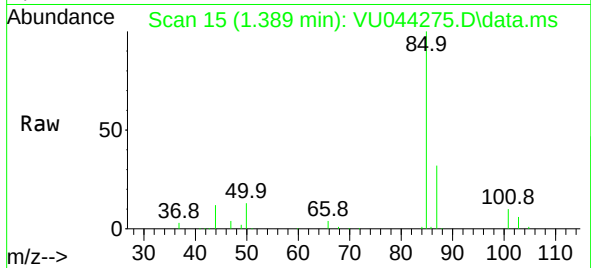




#2
Dichlorodifluoromethane
Concen: 4.565 ug/L
RT: 1.389 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU044275.D
Acq: 01 Jul 2021 10:06

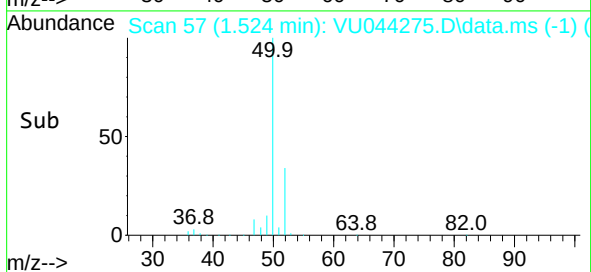
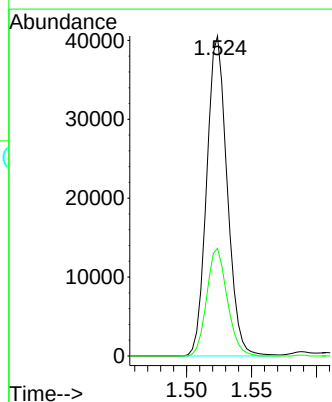
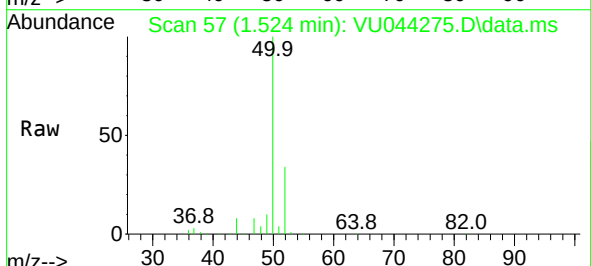
Tgt Ion: 85 Resp: 40213
Ion Ratio Lower Upper
85 100
87 32.5 25.6 38.4

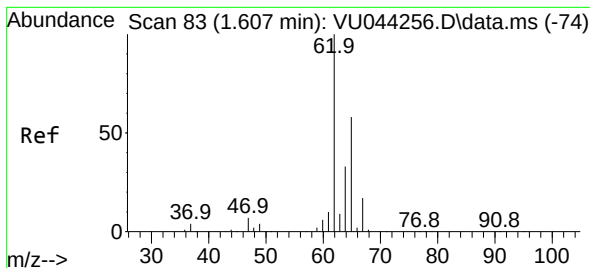
Instrument :
MSVOA_U
ClientSampled :



#3
Chloromethane
Concen: 4.360 ug/L
RT: 1.524 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU044275.D
Acq: 01 Jul 2021 10:06

Tgt Ion: 50 Resp: 44422
Ion Ratio Lower Upper
50 100
52 33.6 23.1 42.9





#5

Vinyl chloride

Concen: 4.621 ug/L

RT: 1.607 min Scan# 83

Delta R.T. 0.000 min

Lab File: VU044275.D

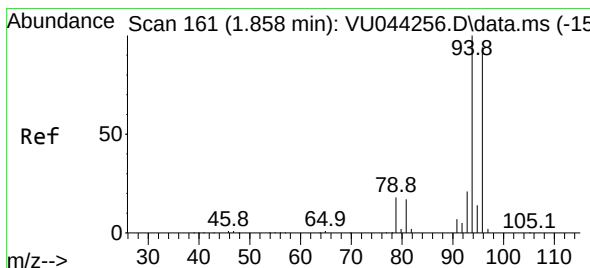
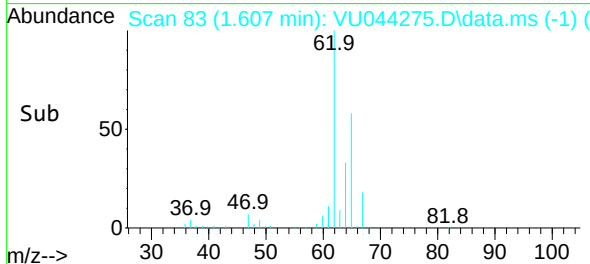
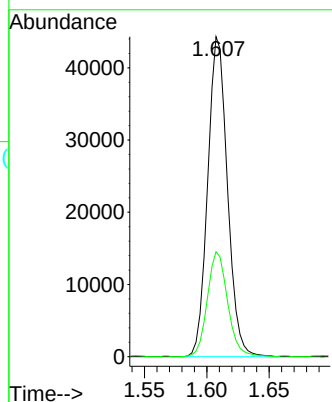
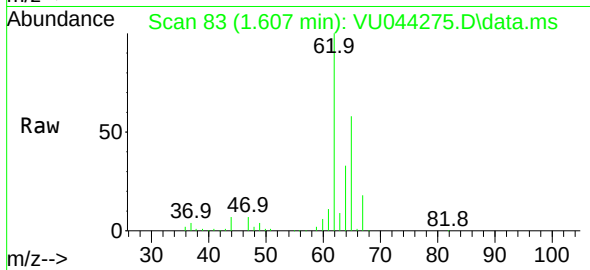
Acq: 01 Jul 2021 10:06

Tgt Ion: 62 Resp: 48850

Ion Ratio Lower Upper

62 100

64 32.8 23.7 44.1



#6

Bromomethane

Concen: 4.576 ug/L

RT: 1.865 min Scan# 163

Delta R.T. 0.007 min

Lab File: VU044275.D

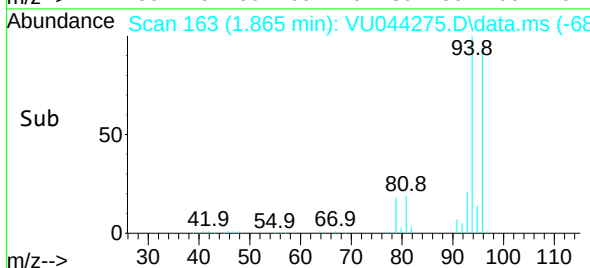
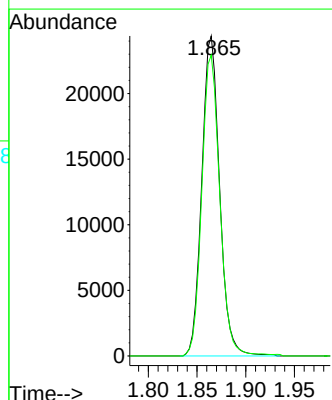
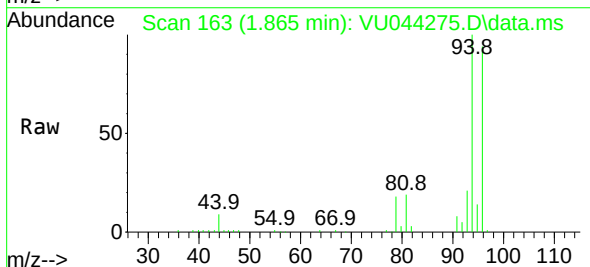
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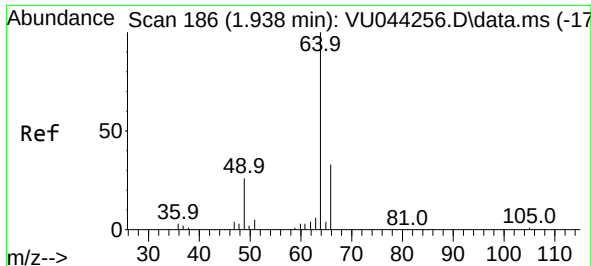
Tgt Ion: 94 Resp: 31023

Ion Ratio Lower Upper

94 100

96 94.0 65.8 122.2

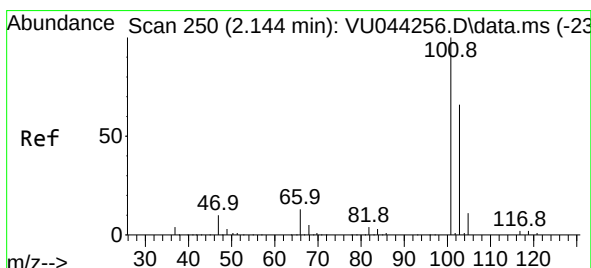
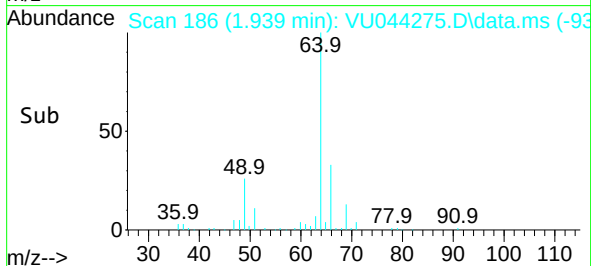
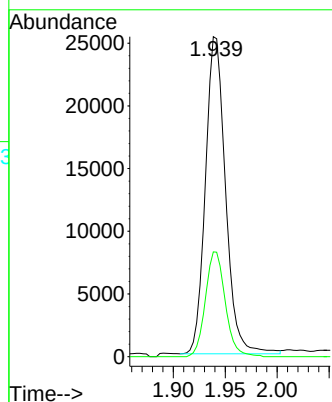
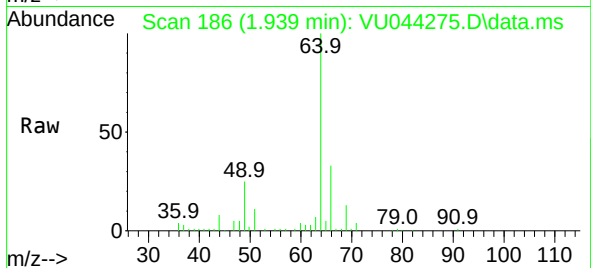




#8
Chloroethane
Concen: 4.748 ug/L
RT: 1.939 min Scan# 186
Delta R.T. 0.000 min
Lab File: VU044275.D
Acq: 01 Jul 2021 10:06

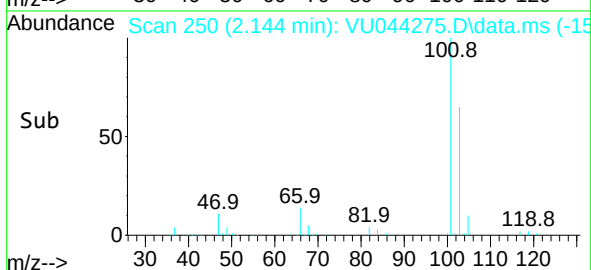
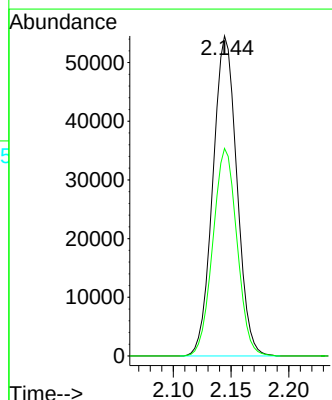
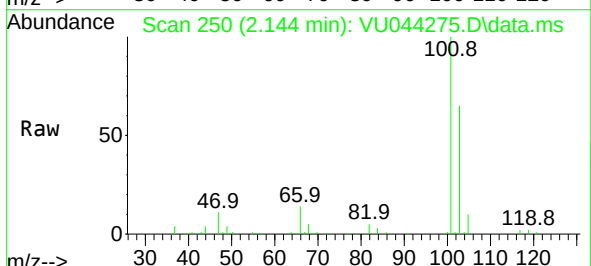
Instrument :
MSVOA_U
ClientSampled :

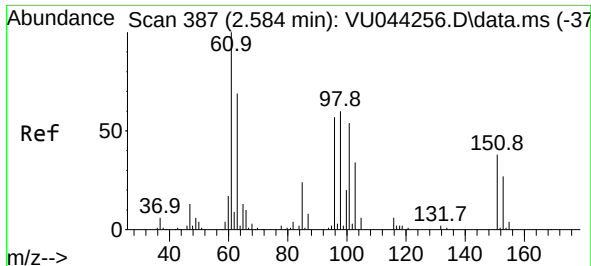
Tgt Ion: 64 Resp: 34151
Ion Ratio Lower Upper
64 100
66 32.7 22.7 42.3



#9
Trichlorofluoromethane
Concen: 5.339 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU044275.D
Acq: 01 Jul 2021 10:06

Tgt Ion:101 Resp: 78816
Ion Ratio Lower Upper
101 100
103 65.3 51.8 77.8

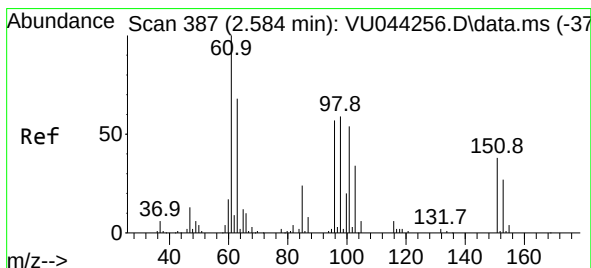
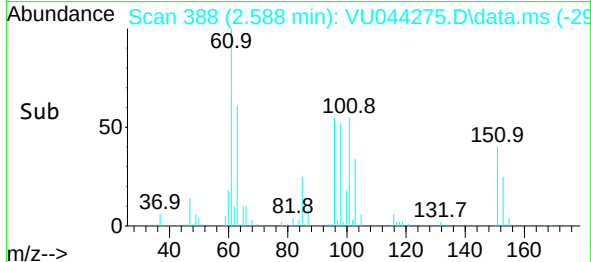
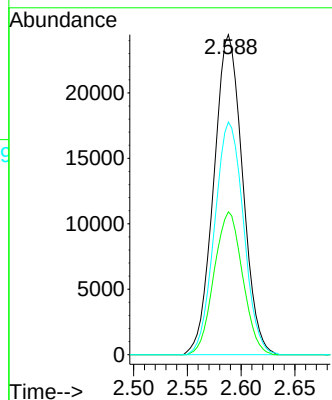
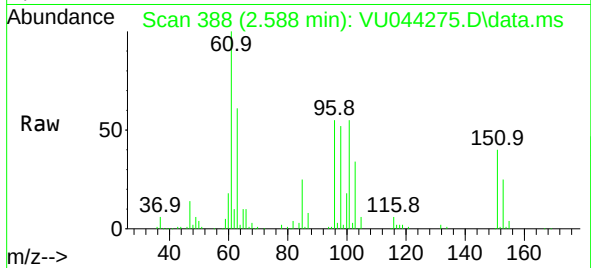




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.141 ug/L
RT: 2.588 min Scan# 388
Delta R.T. 0.004 min
Lab File: VU044275.D
Acq: 01 Jul 2021 10:06

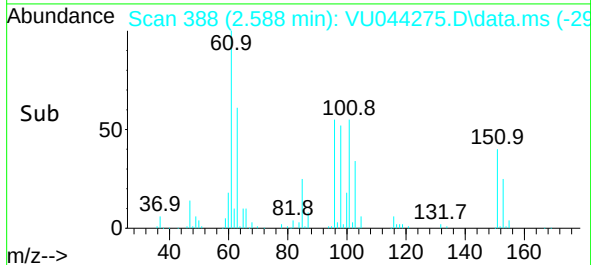
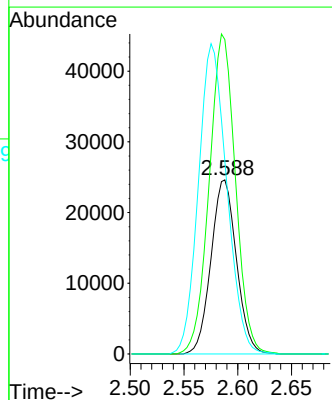
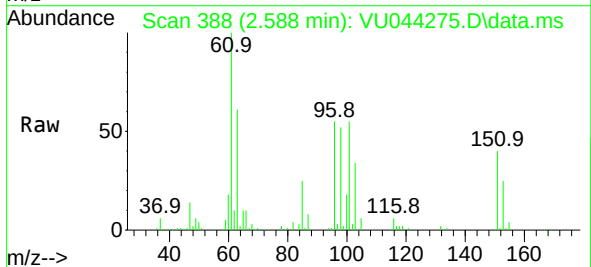
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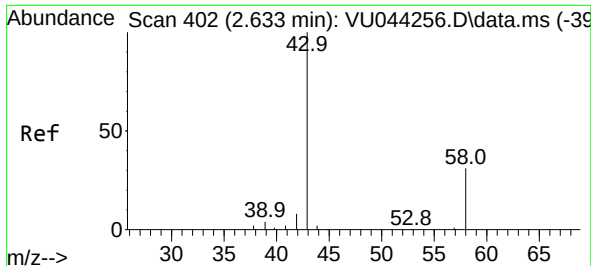
Tgt Ion:101 Resp: 45552
Ion Ratio Lower Upper
101 100
85 44.2 37.0 55.4
151 73.1 58.1 87.1



#12
1,1-Dichloroethene
Concen: 4.690 ug/L
RT: 2.588 min Scan# 388
Delta R.T. 0.004 min
Lab File: VU044275.D
Acq: 01 Jul 2021 10:06

Tgt Ion: 96 Resp: 40507
Ion Ratio Lower Upper
96 100
61 180.6 128.6 238.8
63 110.8 84.3 156.5

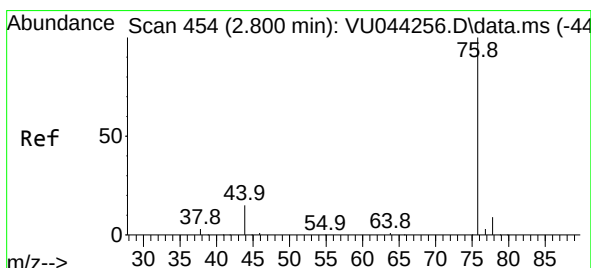
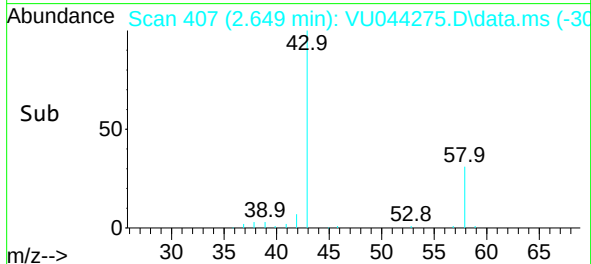
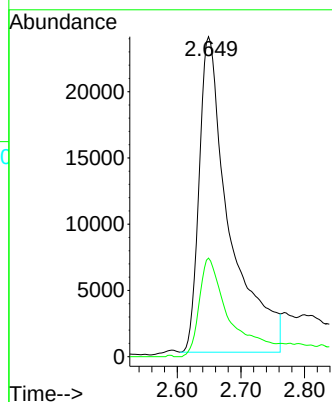
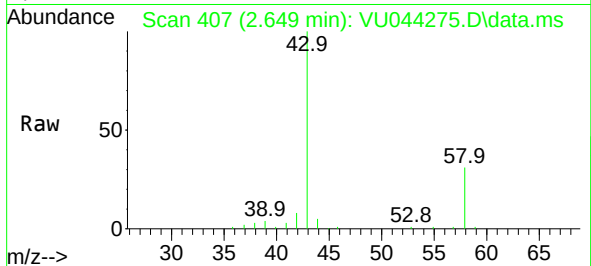




#13
Acetone
Concen: 59.044 ug/L
RT: 2.649 min Scan# 407
Delta R.T. 0.017 min
Lab File: VU044275.D
Acq: 01 Jul 2021 10:06

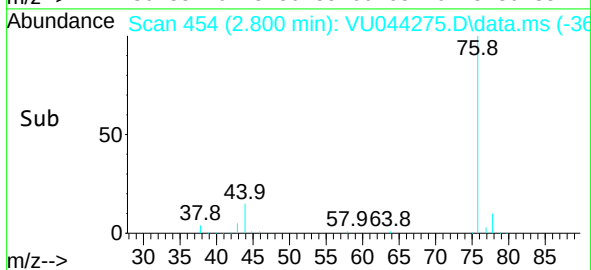
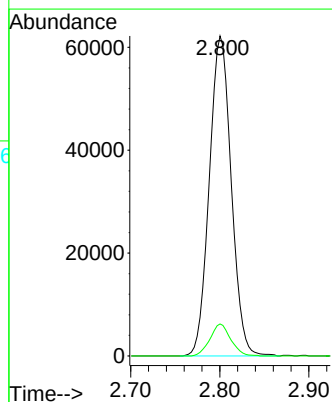
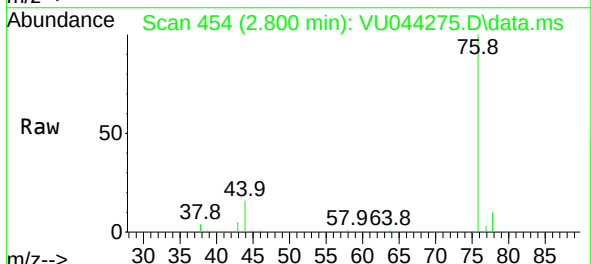
Instrument :
MSVOA_U
ClientSampled :

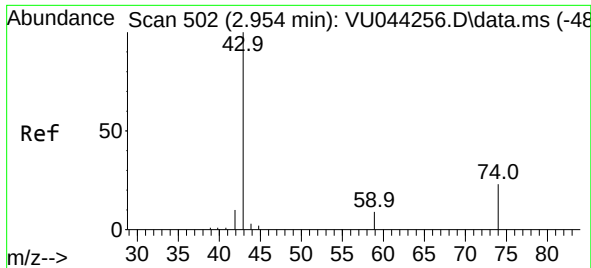
Tgt Ion: 43 Resp: 78735
Ion Ratio Lower Upper
43 100
58 31.3 0.0 53.8



#14
Carbon disulfide
Concen: 4.002 ug/L
RT: 2.800 min Scan# 454
Delta R.T. 0.000 min
Lab File: VU044275.D
Acq: 01 Jul 2021 10:06

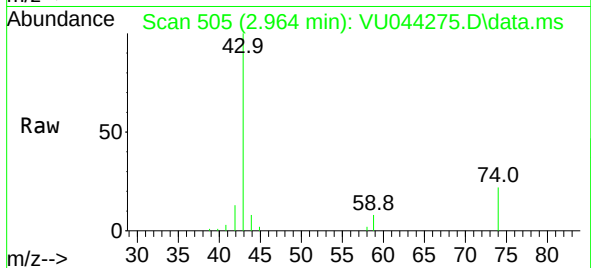
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Ion Ratio Lower Upper
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78 10.0 7.4 11.2



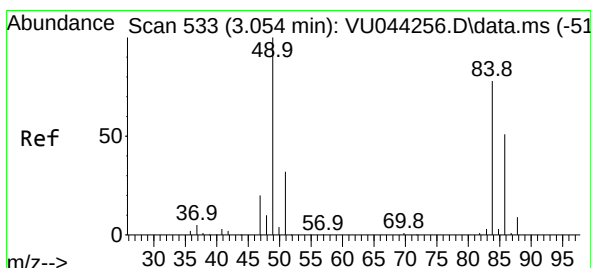
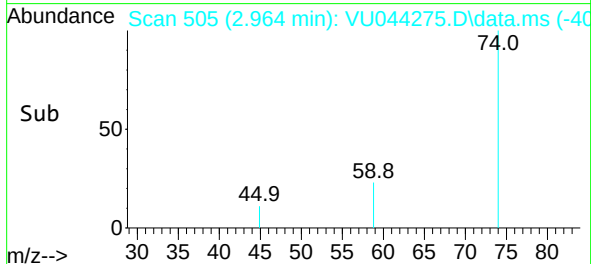
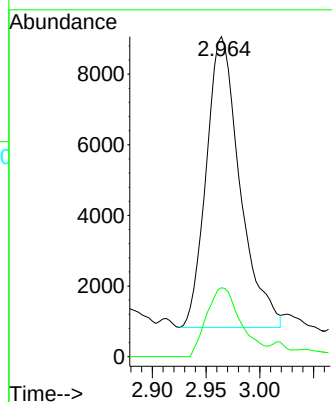


#15
Methyl Acetate
Concen: 4.790 ug/L
RT: 2.964 min Scan# 505
Delta R.T. 0.010 min
Lab File: VU044275.D
Acq: 01 Jul 2021 10:06

Instrument :
MSVOA_U
ClientSampled :

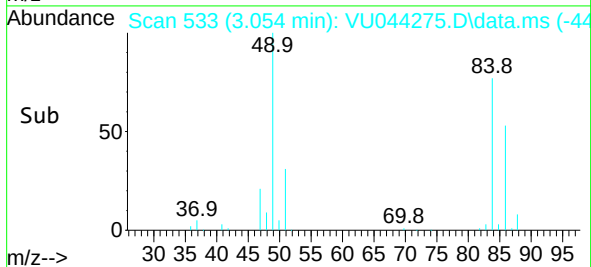
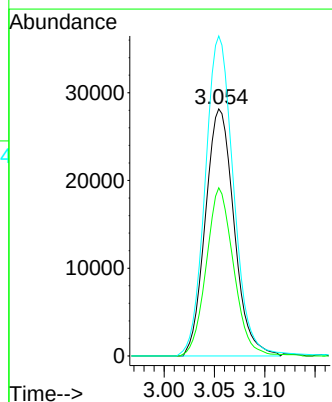
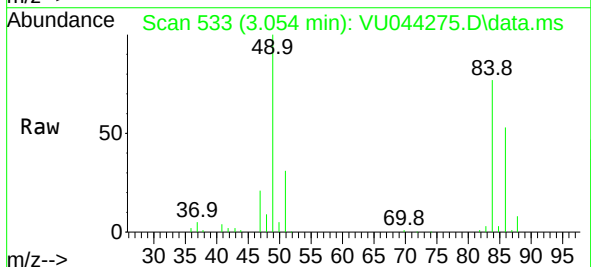


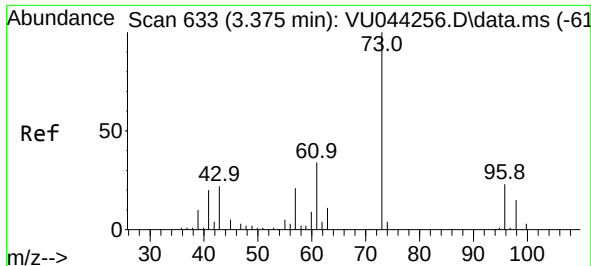
Tgt Ion: 43 Resp: 17945
Ion Ratio Lower Upper
43 100
74 24.2 18.4 27.6



#16
Methylene chloride
Concen: 4.804 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU044275.D
Acq: 01 Jul 2021 10:06

Tgt Ion: 84 Resp: 55924
Ion Ratio Lower Upper
84 100
86 68.0 46.1 85.5
49 129.5 88.4 164.2



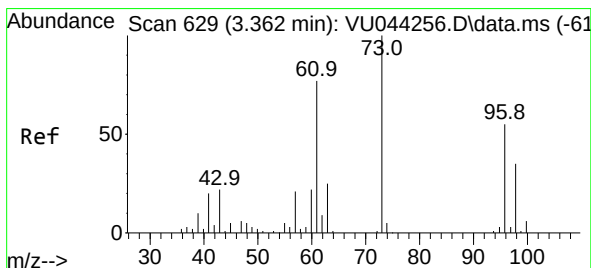
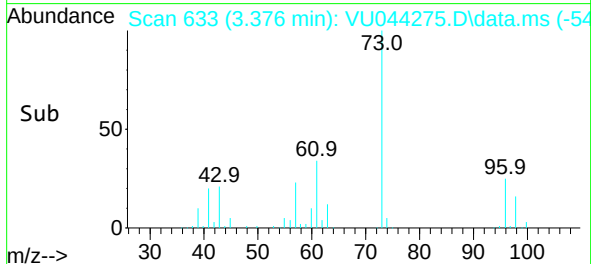
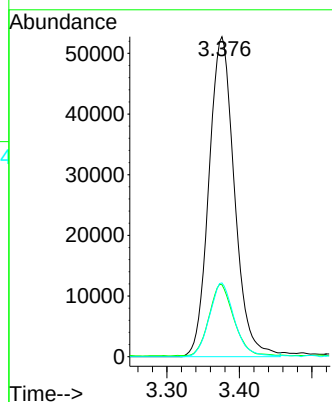
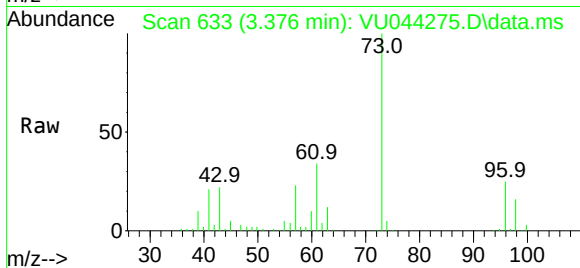


#17

Methyl tert-butyl Ether
Concen: 5.037 ug/L
RT: 3.376 min Scan# 633
Delta R.T. 0.000 min
Lab File: VU044275.D
Acq: 01 Jul 2021 10:06

Instrument :
MSVOA_U
ClientSampleId :

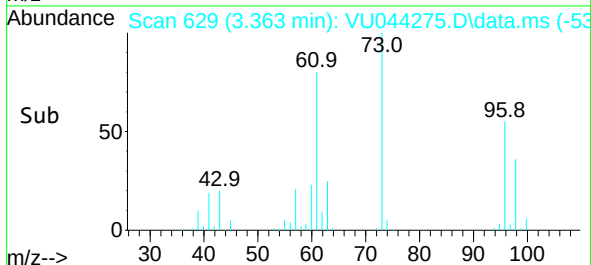
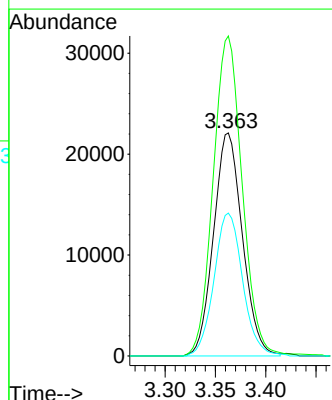
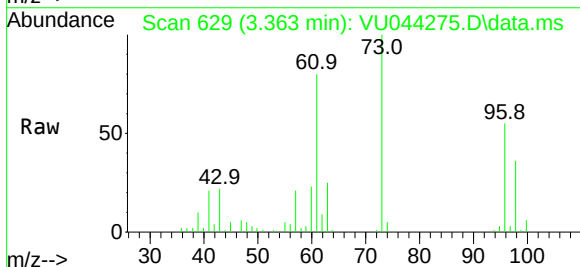
Tgt Ion: 73	Resp: 129012
Ion Ratio	Lower Upper
73 100	
43 21.4	17.6 26.4
57 22.5	17.8 26.8

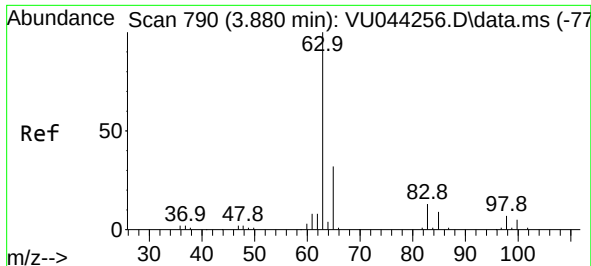


#18

trans-1,2-Dichloroethene
Concen: 4.802 ug/L
RT: 3.363 min Scan# 629
Delta R.T. 0.000 min
Lab File: VU044275.D
Acq: 01 Jul 2021 10:06

Tgt Ion: 96	Resp: 44146
Ion Ratio	Lower Upper
96 100	
61 143.5	100.2 186.2
98 64.1	44.9 83.5





#19

1,1-Dichloroethane

Concen: 5.029 ug/L

RT: 3.881 min Scan# 790

Delta R.T. 0.000 min

Lab File: VU044275.D

Acq: 01 Jul 2021 10:06

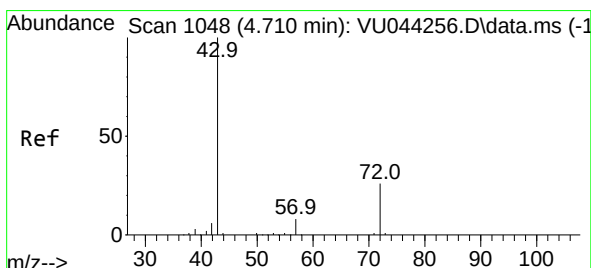
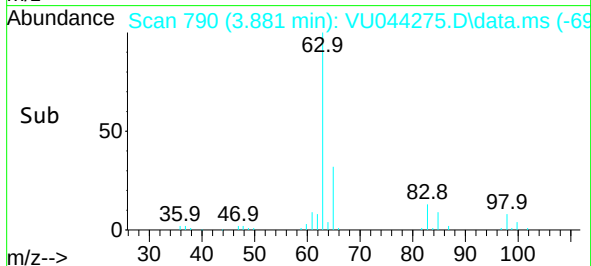
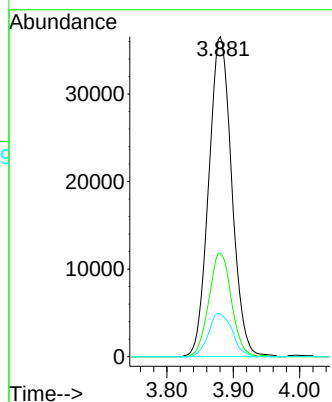
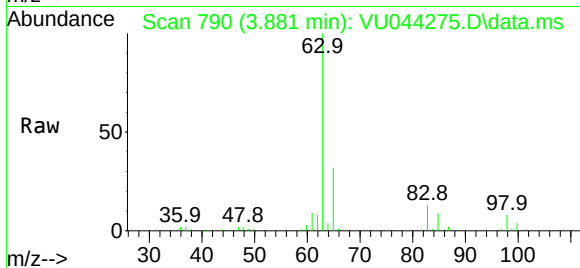
Tgt Ion: 63 Resp: 88188

Ion Ratio Lower Upper

63 100

65 32.3 22.3 41.3

83 13.4 9.9 18.5



#21

2-Butanone

Concen: 45.278 ug/L

RT: 4.723 min Scan# 1052

Delta R.T. 0.013 min

Lab File: VU044275.D

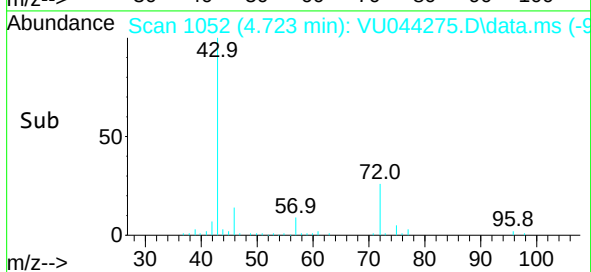
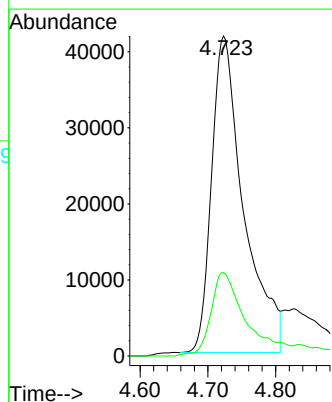
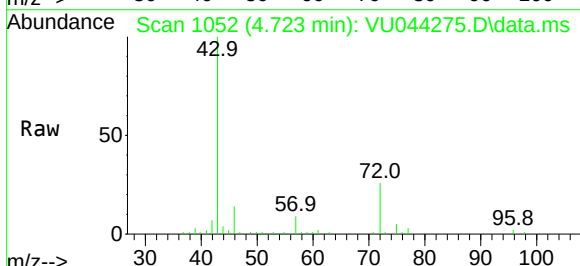
Acq: 01 Jul 2021 10:06

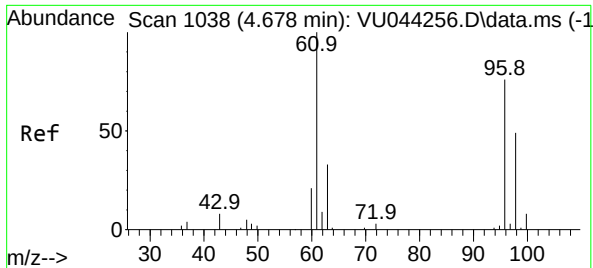
Tgt Ion: 43 Resp: 137168

Ion Ratio Lower Upper

43 100

72 28.8 13.4 40.1

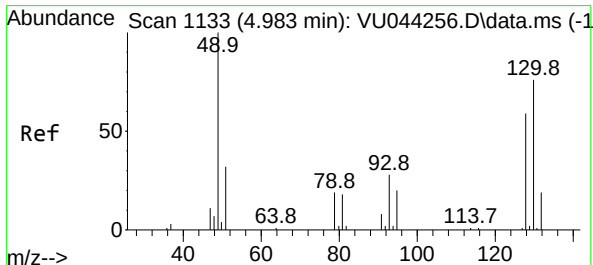
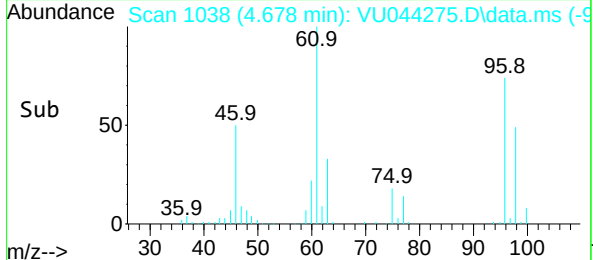
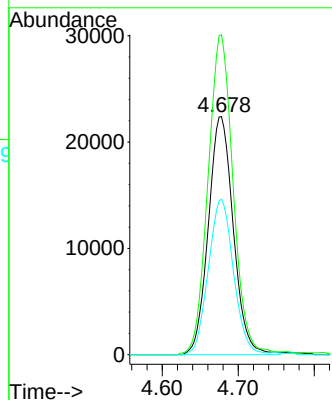
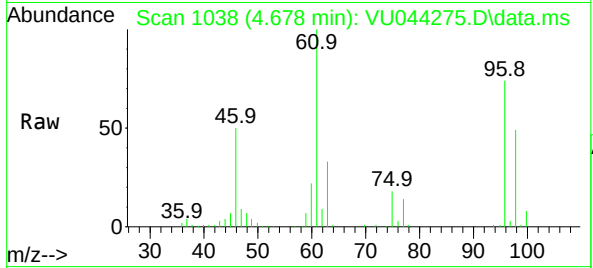




#22
cis-1,2-Dichloroethene
Concen: 5.083 ug/L
RT: 4.678 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VU044275.D
Acq: 01 Jul 2021 10:06

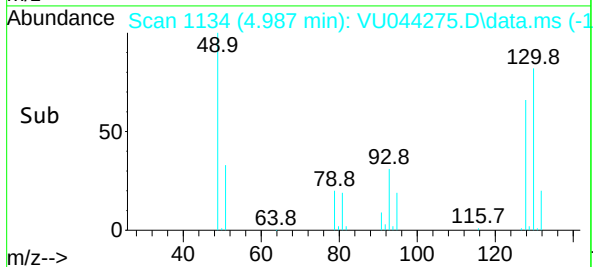
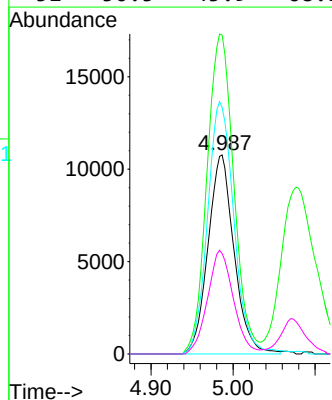
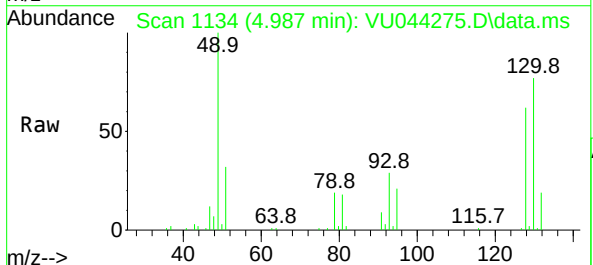
Instrument :
MSVOA_U
ClientSampleId :

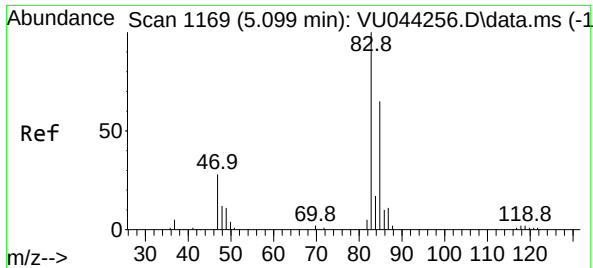
Tgt Ion: 96 Resp: 51127
Ion Ratio Lower Upper
96 100
61 134.4 98.8 183.6
98 65.3 44.8 83.2



#23
Bromochloromethane
Concen: 5.194 ug/L
RT: 4.987 min Scan# 1134
Delta R.T. 0.004 min
Lab File: VU044275.D
Acq: 01 Jul 2021 10:06

Tgt Ion:128 Resp: 23797
Ion Ratio Lower Upper
128 100
49 160.2 127.2 236.2
130 123.9 91.7 170.3
51 50.5 45.9 68.9

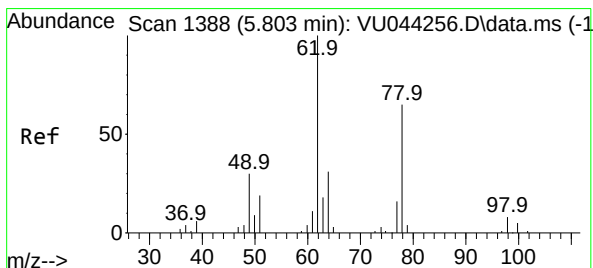
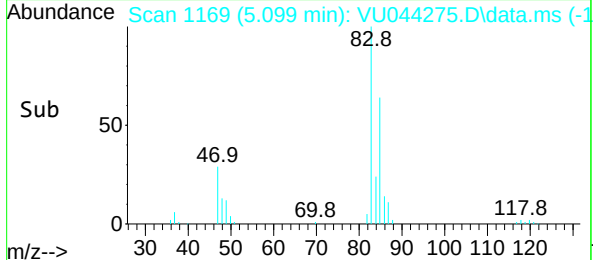
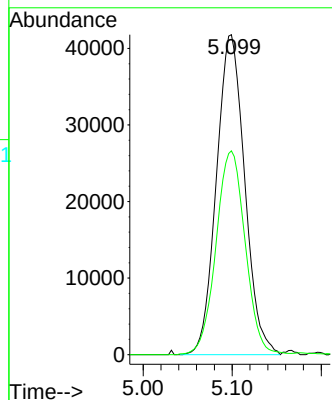
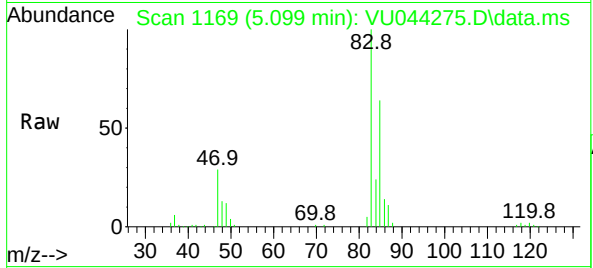




#25
Chloroform
Concen: 4.925 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VU044275.D
Acq: 01 Jul 2021 10:06

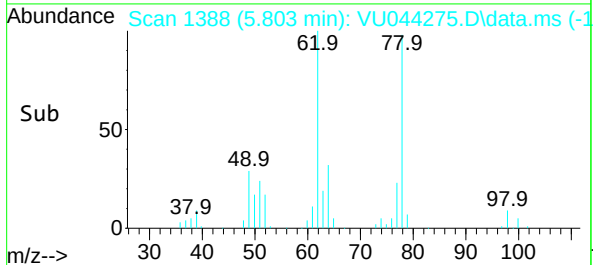
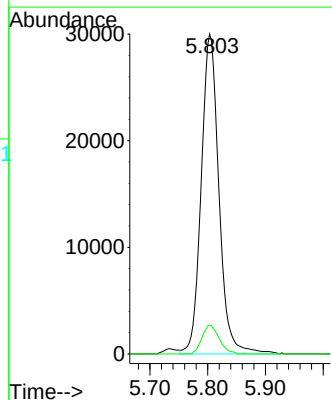
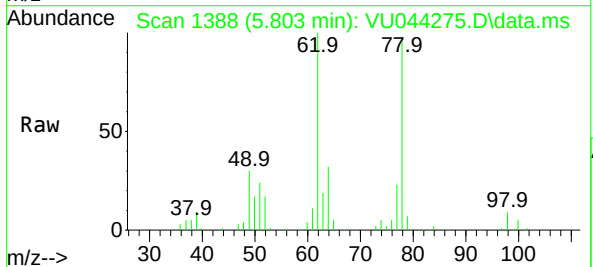
Instrument :
MSVOA_U
ClientSampleId :

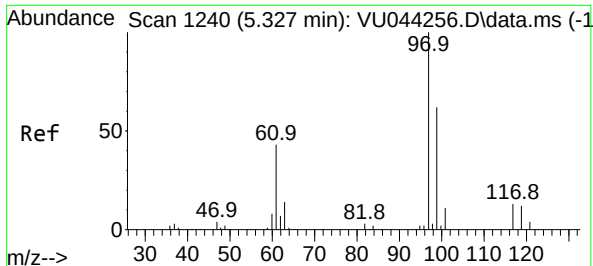
Tgt Ion: 83 Resp: 92211
Ion Ratio Lower Upper
83 100
85 63.7 45.2 84.0



#27
1,2-Dichloroethane
Concen: 5.129 ug/L
RT: 5.803 min Scan# 1388
Delta R.T. 0.000 min
Lab File: VU044275.D
Acq: 01 Jul 2021 10:06

Tgt Ion: 62 Resp: 64014
Ion Ratio Lower Upper
62 100
98 9.1 6.8 10.2



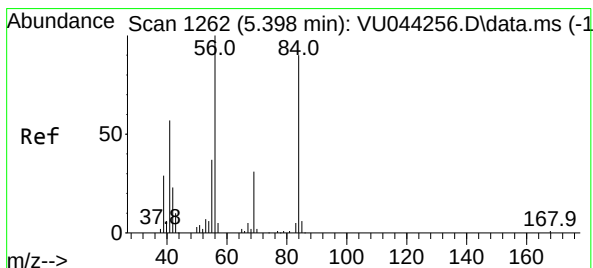
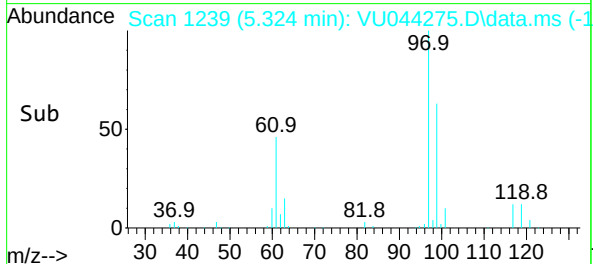
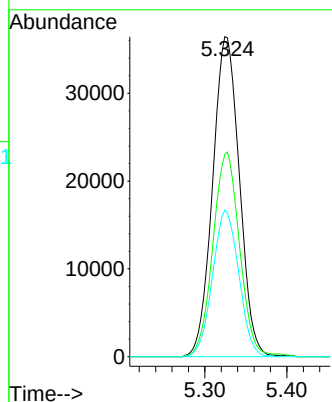
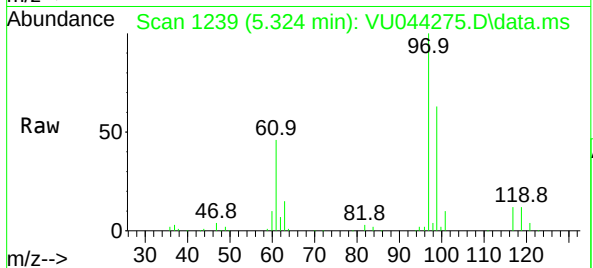


#29

1,1,1-Trichloroethane
Concen: 5.227 ug/L
RT: 5.324 min Scan# 1239
Delta R.T. -0.003 min
Lab File: VU044275.D
Acq: 01 Jul 2021 10:06

Instrument :
MSVOA_U
ClientSampleId :

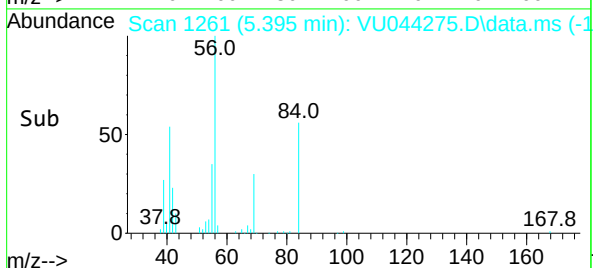
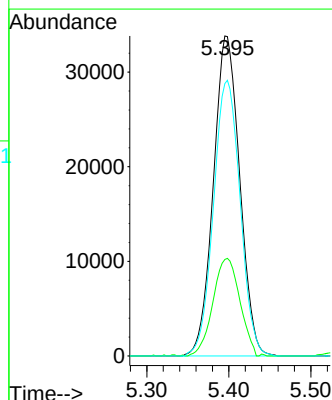
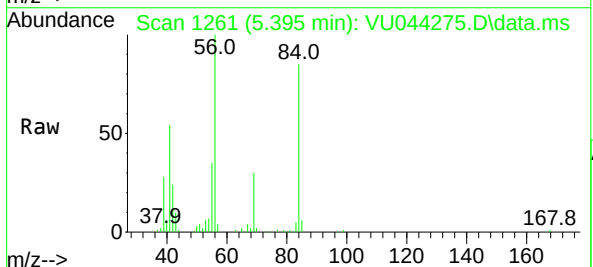
Tgt Ion: 97 Resp: 82661
Ion Ratio Lower Upper
97 100
99 63.9 51.4 77.0
61 45.0 37.0 55.6

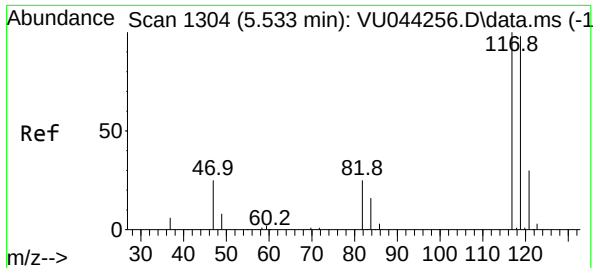


#30

Cyclohexane
Concen: 4.635 ug/L
RT: 5.395 min Scan# 1261
Delta R.T. -0.003 min
Lab File: VU044275.D
Acq: 01 Jul 2021 10:06

Tgt Ion: 56 Resp: 75617
Ion Ratio Lower Upper
56 100
69 31.1 24.8 37.2
84 87.3 67.8 101.8

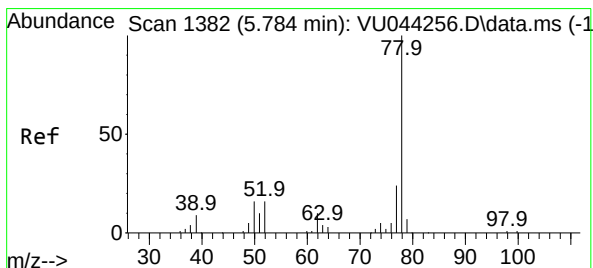
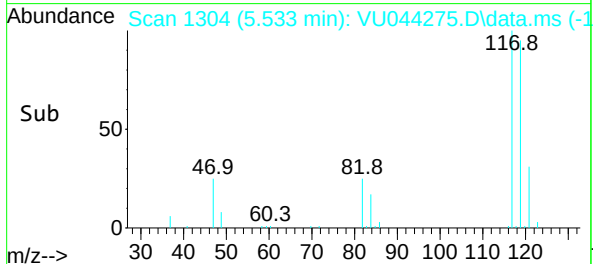
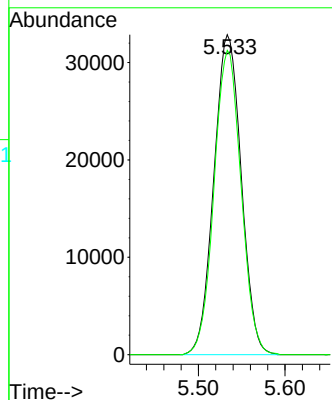
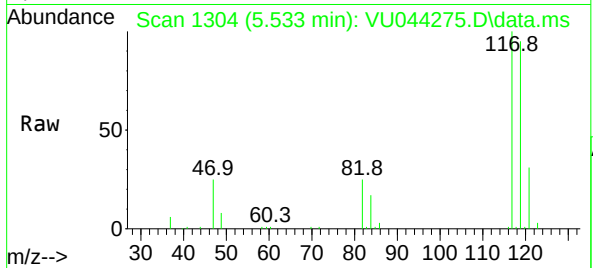




#31
Carbon tetrachloride
Concen: 5.353 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VU044275.D
Acq: 01 Jul 2021 10:06

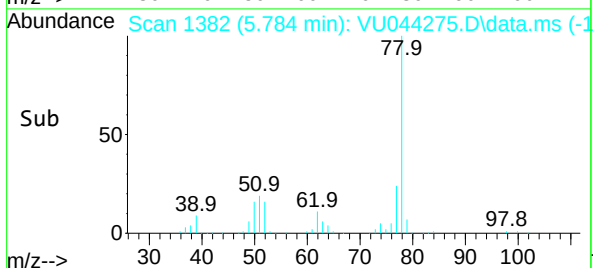
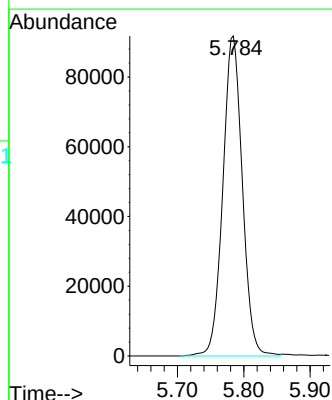
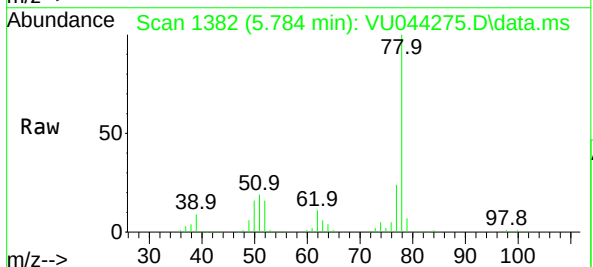
Instrument :
MSVOA_U
ClientSampled :

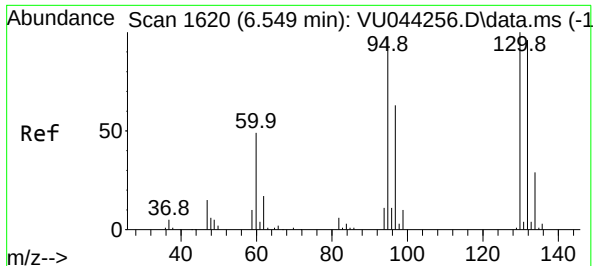
Tgt Ion:117 Resp: 72141
Ion Ratio Lower Upper
117 100
119 93.9 77.7 116.5



#33
Benzene
Concen: 5.091 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VU044275.D
Acq: 01 Jul 2021 10:06

Tgt Ion: 78 Resp: 187489

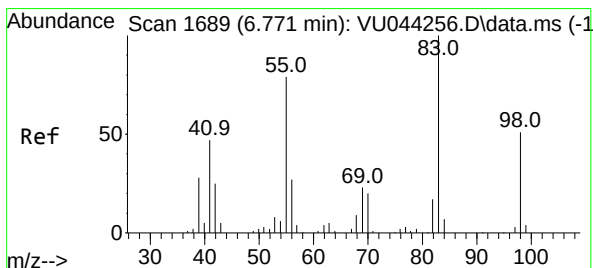
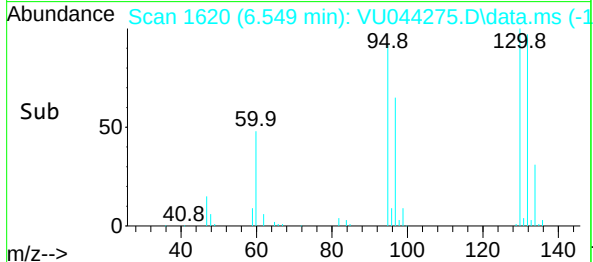
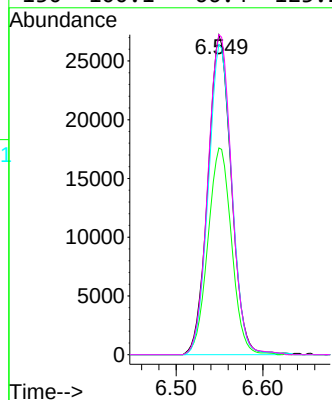
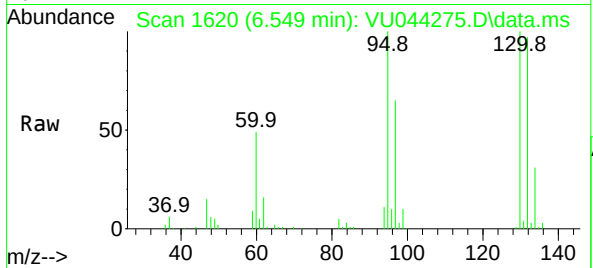




#34
Trichloroethene
Concen: 5.128 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VU044275.D
Acq: 01 Jul 2021 10:06

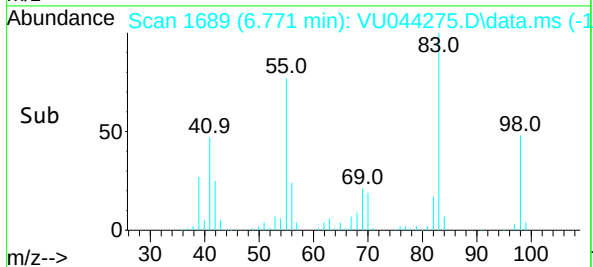
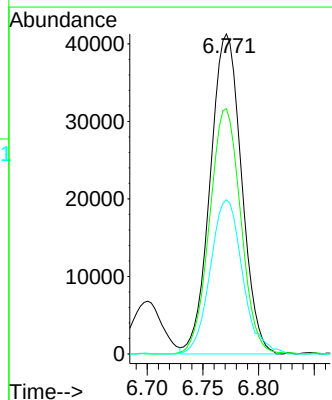
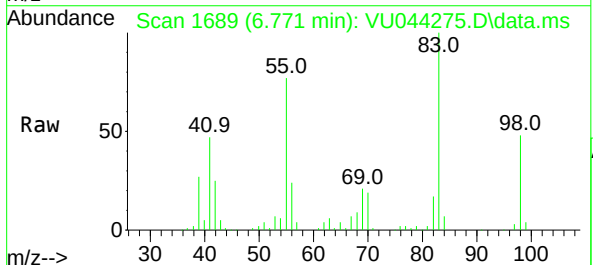
Instrument :
MSVOA_U
ClientSampleId :

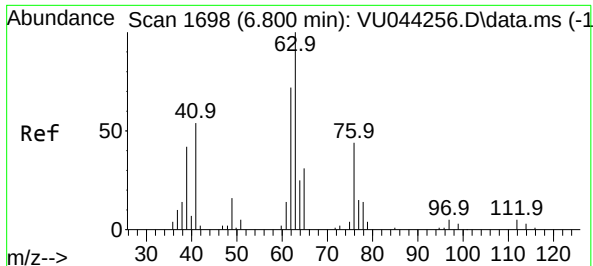
Tgt Ion: 95 Resp: 51140
Ion Ratio Lower Upper
95 100
97 64.7 44.3 82.3
132 97.1 64.3 119.5
130 100.1 66.4 123.2



#35
Methylcyclohexane
Concen: 4.899 ug/L
RT: 6.771 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VU044275.D
Acq: 01 Jul 2021 10:06

Tgt Ion: 83 Resp: 80670
Ion Ratio Lower Upper
83 100
55 76.4 63.4 95.0
98 49.6 39.4 59.0





#37

1,2-Dichloropropane

Concen: 5.412 ug/L

RT: 6.800 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VU044275.D

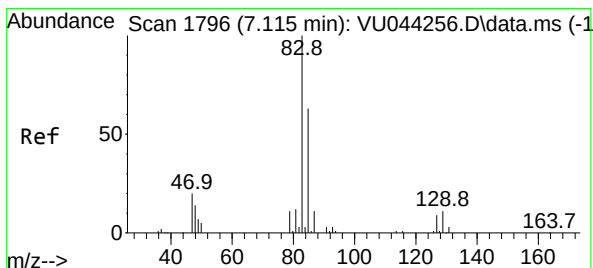
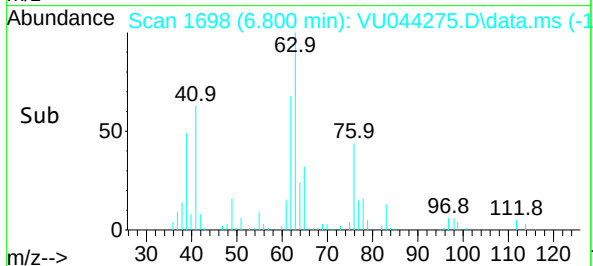
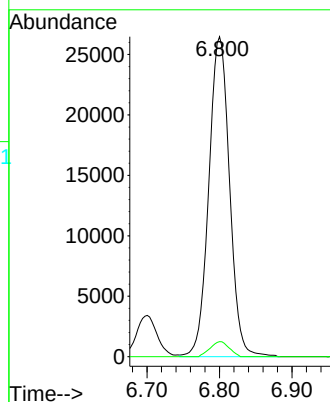
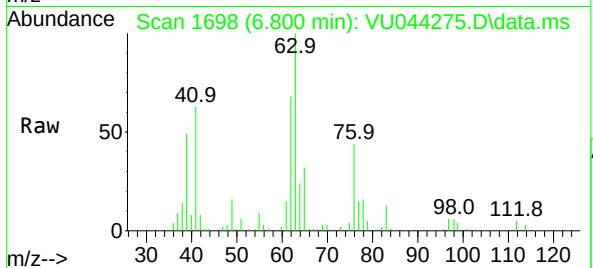
Acq: 01 Jul 2021 10:06

Tgt Ion: 63 Resp: 52633

Ion Ratio Lower Upper

63 100

112 4.3 3.5 5.3



#38

Bromodichloromethane

Concen: 5.146 ug/L

RT: 7.112 min Scan# 1795

Delta R.T. -0.003 min

Lab File: VU044275.D

Acq: 01 Jul 2021 10:06

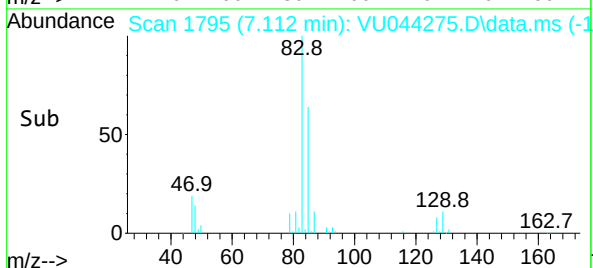
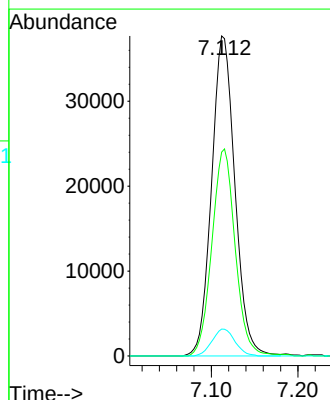
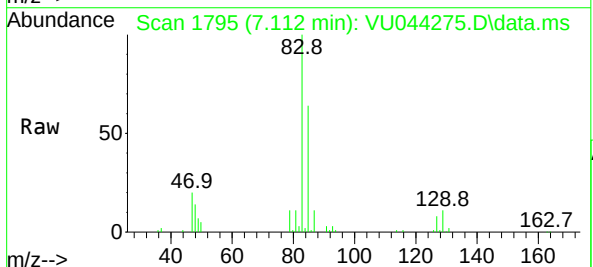
Tgt Ion: 83 Resp: 70367

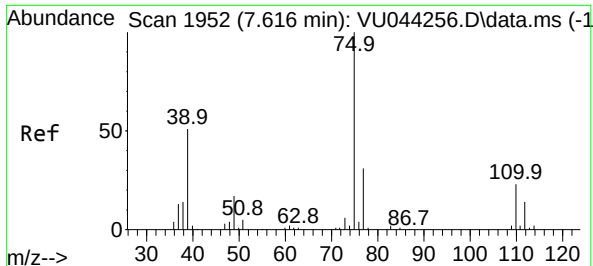
Ion Ratio Lower Upper

83 100

85 63.7 45.2 84.0

127 8.4 6.7 10.1



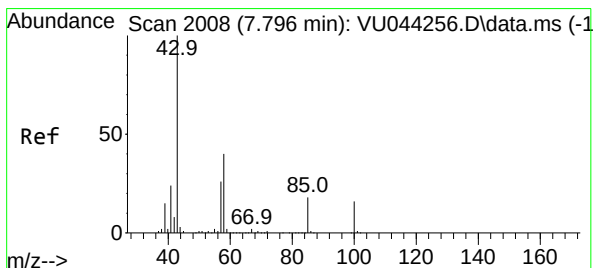
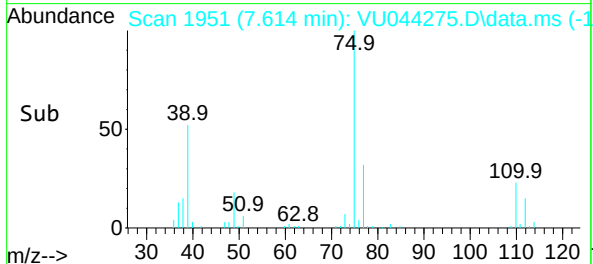
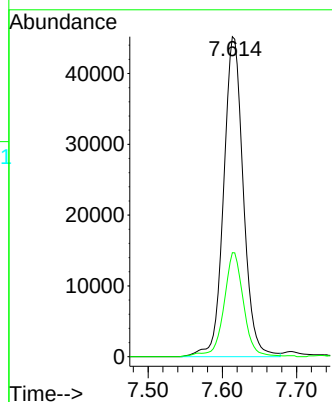
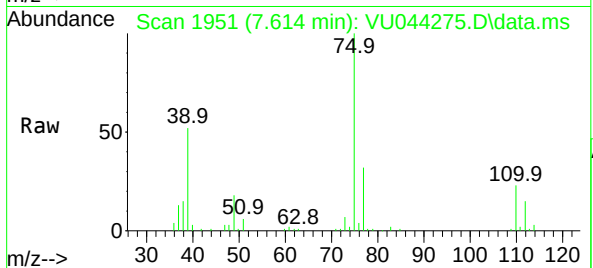


#39

cis-1,3-Dichloropropene
Concen: 5.218 ug/L
RT: 7.614 min Scan# 1951
Delta R.T. -0.003 min
Lab File: VU044275.D
Acq: 01 Jul 2021 10:06

Instrument :
MSVOA_U
ClientSampleId :

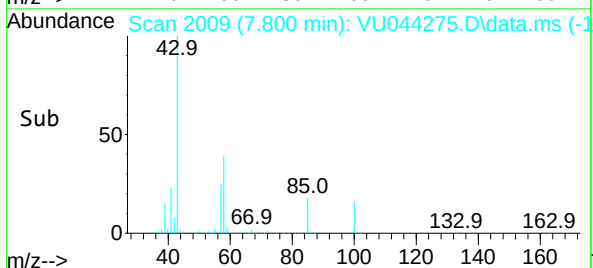
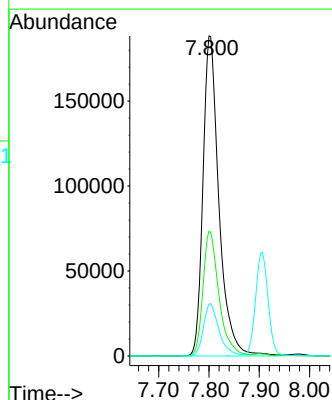
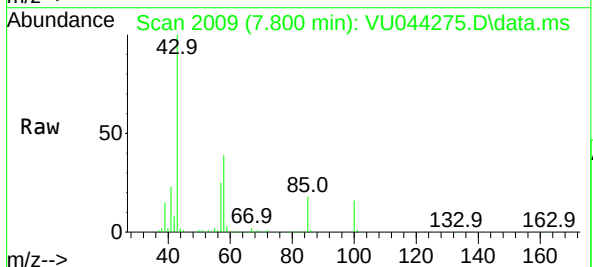
Tgt Ion: 75 Resp: 83330
Ion Ratio Lower Upper
75 100
77 32.5 22.5 41.7

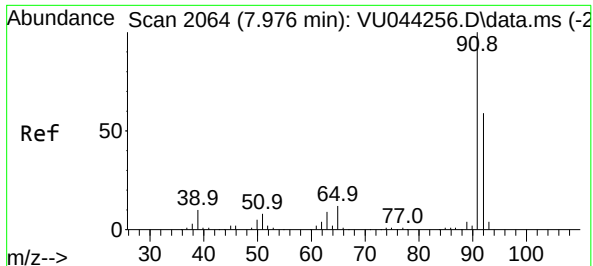


#40

4-Methyl-2-pentanone
Concen: 53.246 ug/L
RT: 7.800 min Scan# 2009
Delta R.T. 0.004 min
Lab File: VU044275.D
Acq: 01 Jul 2021 10:06

Tgt Ion: 43 Resp: 416172
Ion Ratio Lower Upper
43 100
58 38.9 31.2 46.8
100 15.9 12.3 18.5

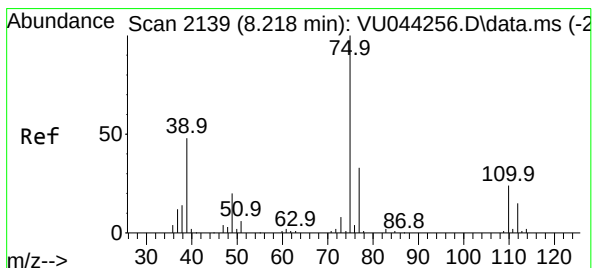
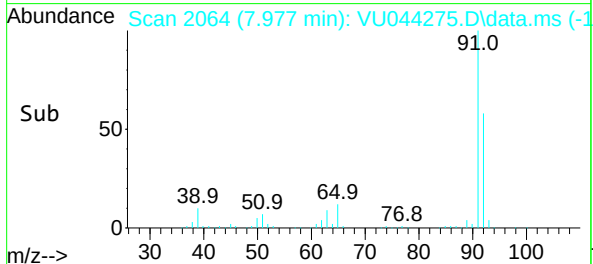
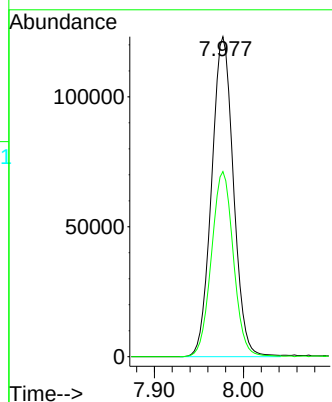
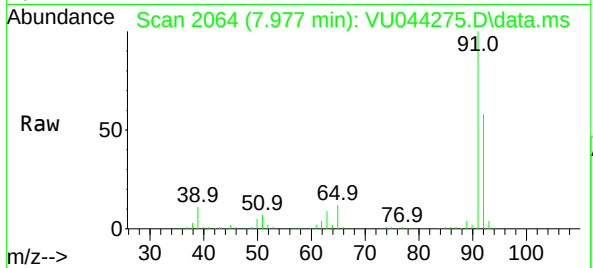




#42
Toluene
Concen: 5.169 ug/L
RT: 7.977 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU044275.D
Acq: 01 Jul 2021 10:06

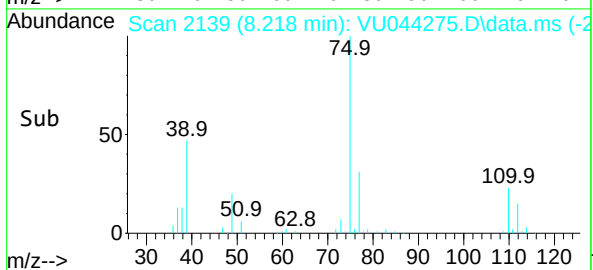
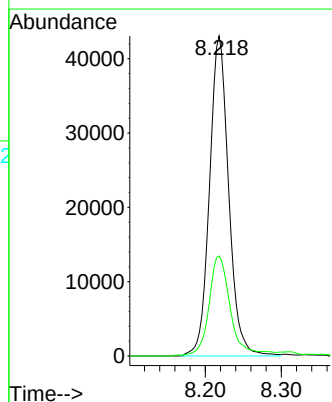
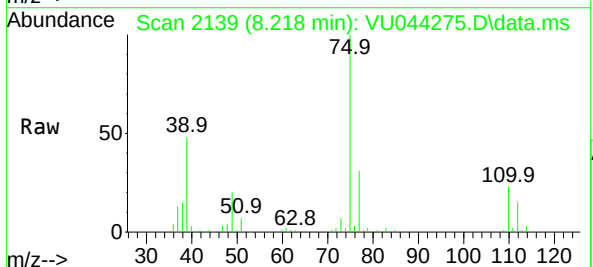
Instrument :
MSVOA_U
ClientSampled :

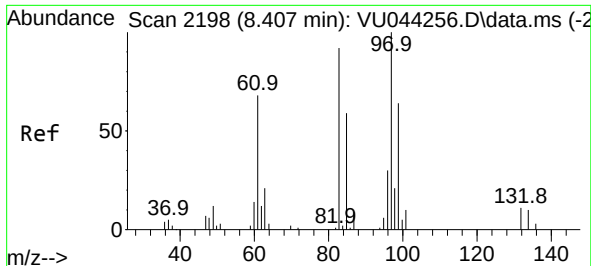
Tgt Ion: 91 Resp: 209642
Ion Ratio Lower Upper
91 100
92 57.8 41.2 76.6



#44
trans-1,3-Dichloropropene
Concen: 5.149 ug/L
RT: 8.218 min Scan# 2139
Delta R.T. 0.000 min
Lab File: VU044275.D
Acq: 01 Jul 2021 10:06

Tgt Ion: 75 Resp: 75409
Ion Ratio Lower Upper
75 100
77 31.3 22.6 42.0





#45

1,1,2-Trichloroethane

Concen: 5.363 ug/L

RT: 8.408 min Scan# 2198

Delta R.T. 0.000 min

Lab File: VU044275.D

Acq: 01 Jul 2021 10:06

Tgt Ion: 97 Resp: 39260

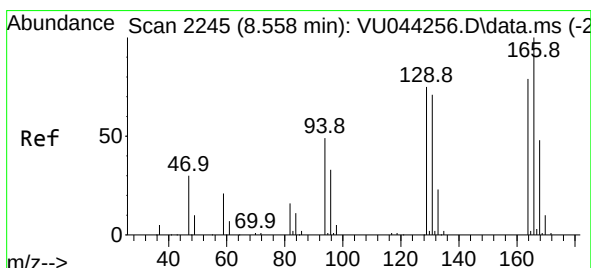
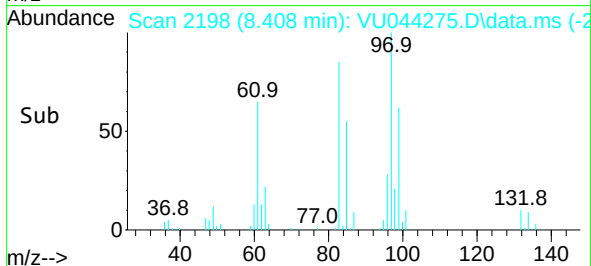
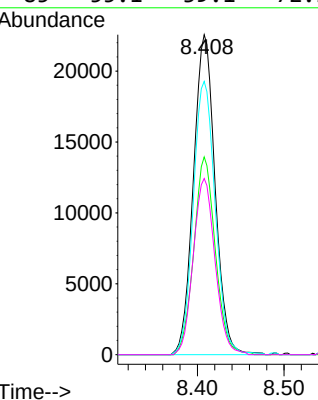
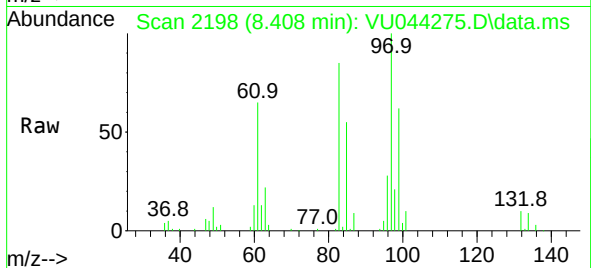
Ion Ratio Lower Upper

97 100

99 61.8 42.8 79.4

83 85.4 59.9 111.3

85 55.1 39.1 72.5



#47

Tetrachloroethene

Concen: 5.277 ug/L

RT: 8.559 min Scan# 2245

Delta R.T. 0.000 min

Lab File: VU044275.D

Acq: 01 Jul 2021 10:06

Tgt Ion: 164 Resp: 38912

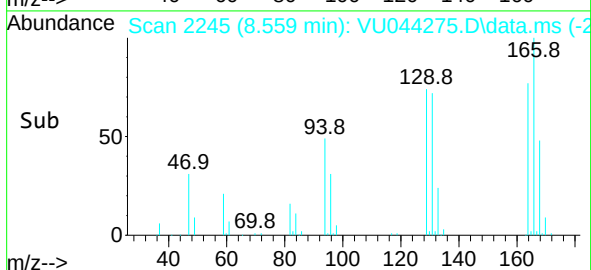
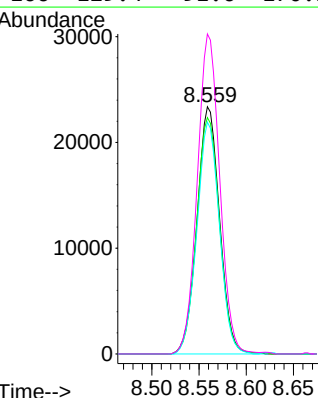
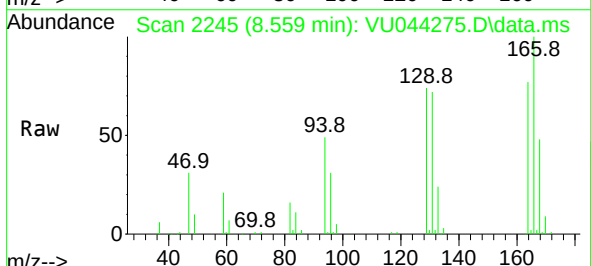
Ion Ratio Lower Upper

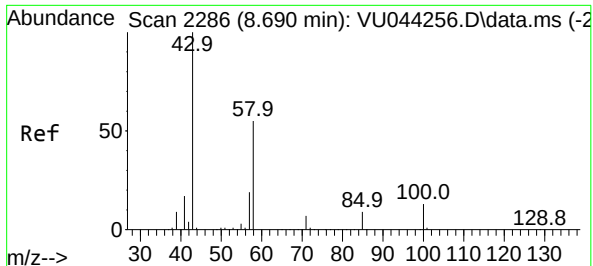
164 100

129 95.6 71.8 133.4

131 93.8 66.4 123.2

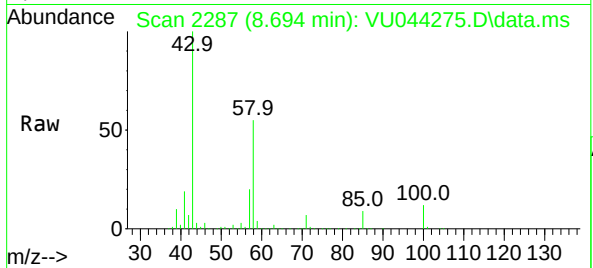
166 129.4 91.6 170.2



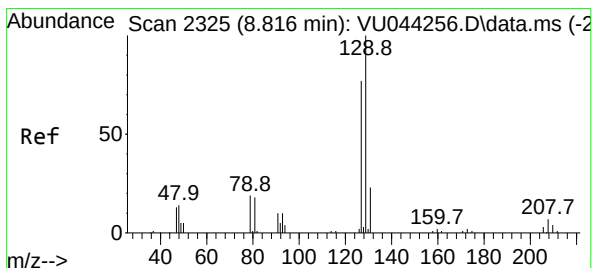
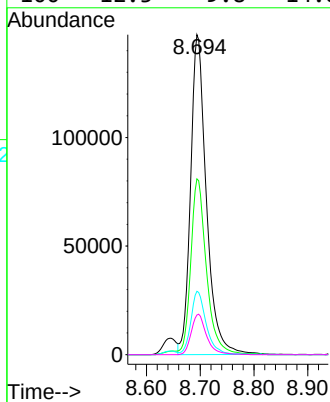
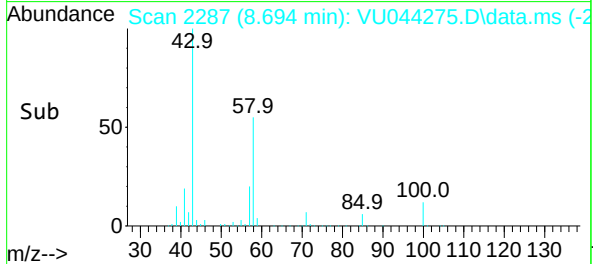


#48
2-Hexanone
Concen: 54.634 ug/L
RT: 8.694 min Scan# 2287
Delta R.T. 0.004 min
Lab File: VU044275.D
Acq: 01 Jul 2021 10:06

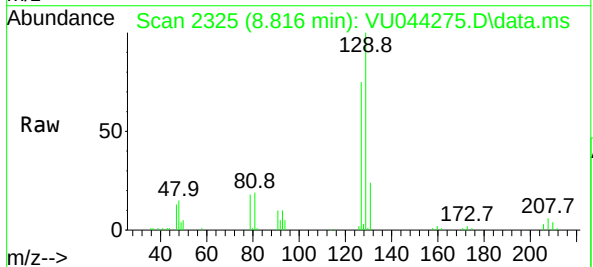
Instrument :
MSVOA_U
ClientSampleId :



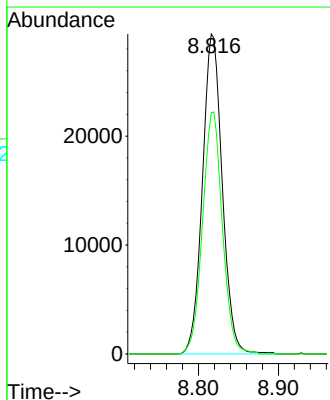
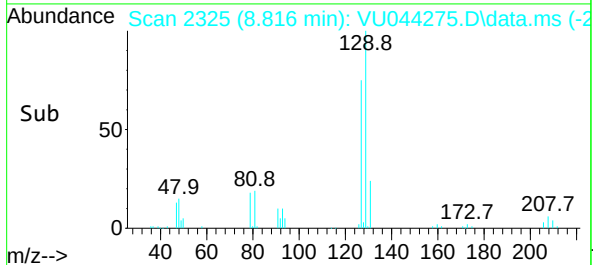
Tgt Ion: 43 Resp: 300920
Ion Ratio Lower Upper
43 100
58 53.8 44.7 67.1
57 19.2 15.7 23.5
100 12.3 9.8 14.8

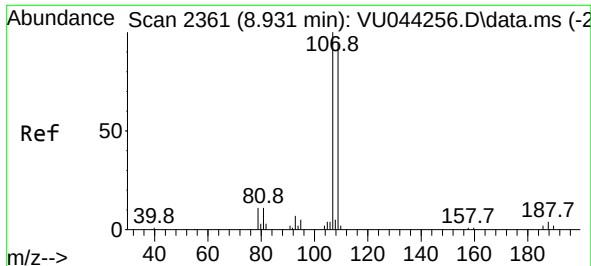


#49
Dibromochloromethane
Concen: 5.460 ug/L
RT: 8.816 min Scan# 2325
Delta R.T. 0.000 min
Lab File: VU044275.D
Acq: 01 Jul 2021 10:06



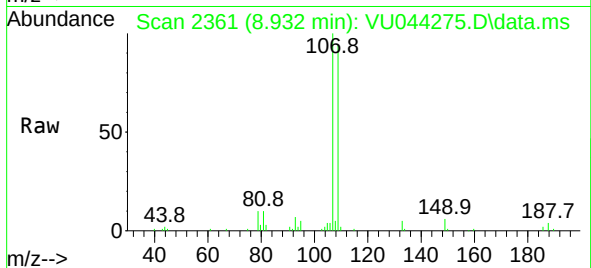
Tgt Ion: 129 Resp: 50735
Ion Ratio Lower Upper
129 100
127 75.4 53.6 99.6



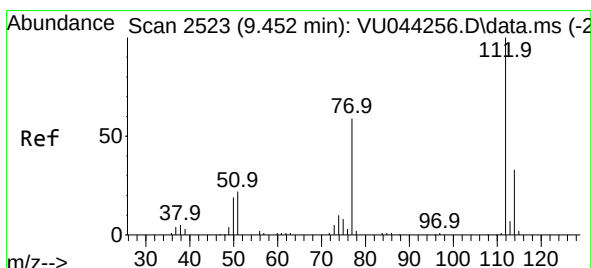
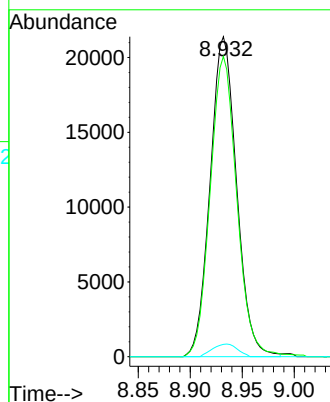
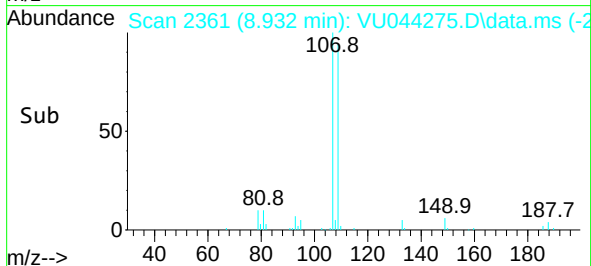


#50
1,2-Dibromoethane
Concen: 5.359 ug/L
RT: 8.932 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VU044275.D
Acq: 01 Jul 2021 10:06

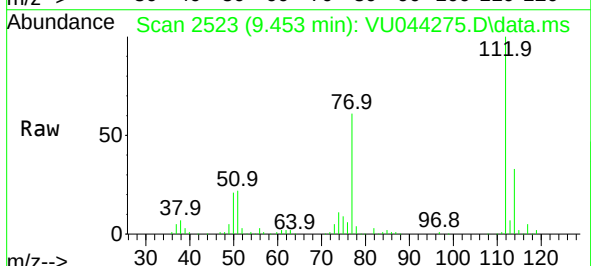
Instrument :
MSVOA_U
ClientSampled :



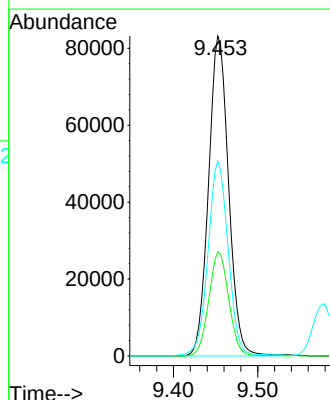
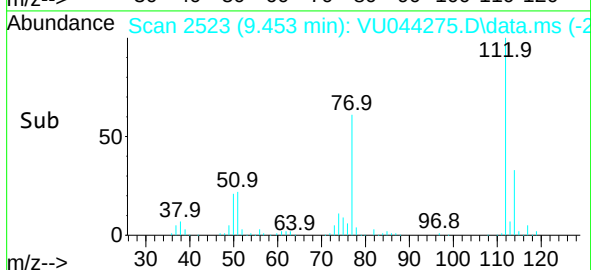
Tgt Ion:107 Resp: 37897
Ion Ratio Lower Upper
107 100
109 93.8 64.1 119.1
188 3.9 3.0 4.4

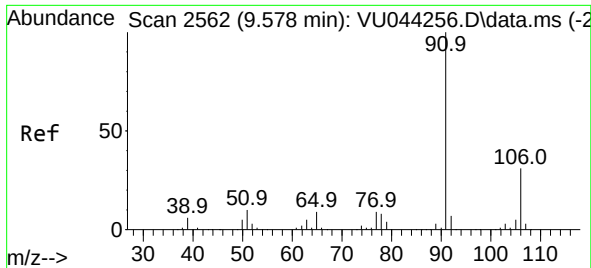


#51
Chlorobenzene
Concen: 5.304 ug/L
RT: 9.453 min Scan# 2523
Delta R.T. 0.000 min
Lab File: VU044275.D
Acq: 01 Jul 2021 10:06



Tgt Ion:112 Resp: 137774
Ion Ratio Lower Upper
112 100
114 32.6 22.0 41.0
77 60.8 48.9 73.3

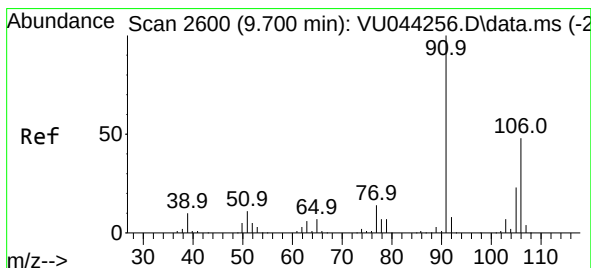
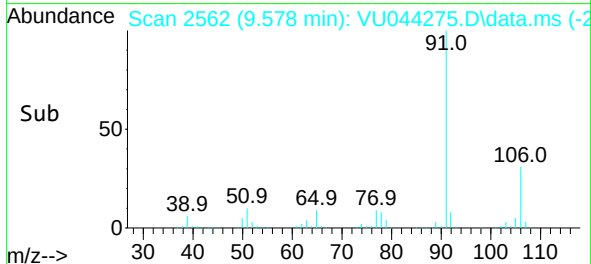
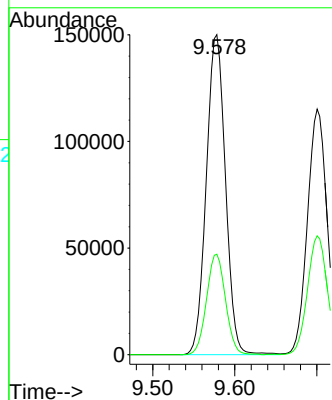
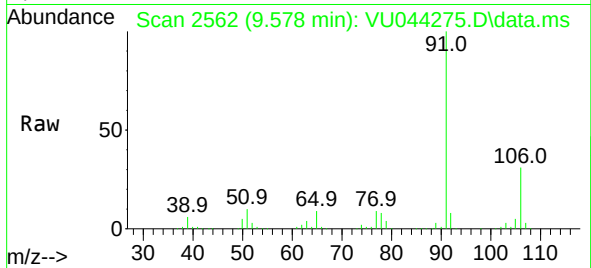




#52
Ethylbenzene
Concen: 5.202 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. 0.000 min
Lab File: VU044275.D
Acq: 01 Jul 2021 10:06

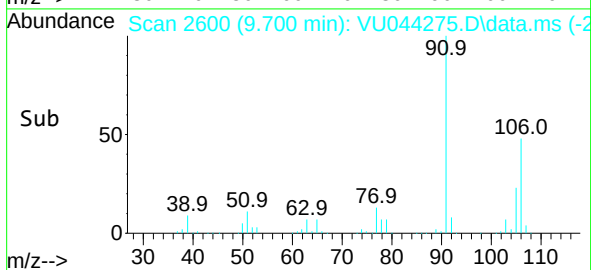
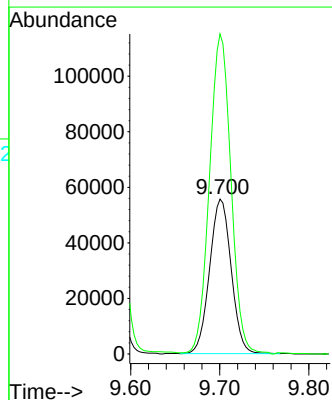
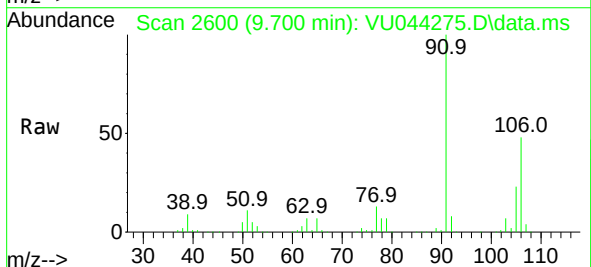
Instrument :
MSVOA_U
ClientSampled :

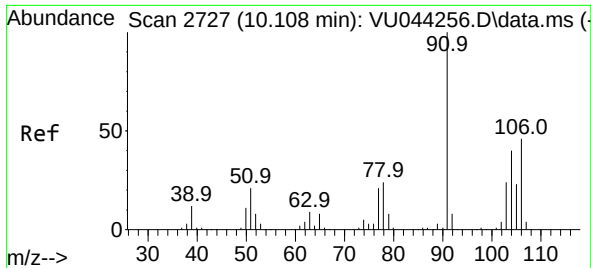
Tgt Ion: 91 Resp: 243546
Ion Ratio Lower Upper
91 100
106 31.4 21.6 40.2



#53
m,p-Xylene
Concen: 5.272 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. 0.000 min
Lab File: VU044275.D
Acq: 01 Jul 2021 10:06

Tgt Ion:106 Resp: 93462
Ion Ratio Lower Upper
106 100
91 206.6 144.8 269.0

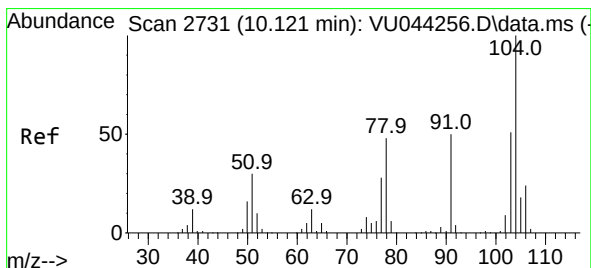
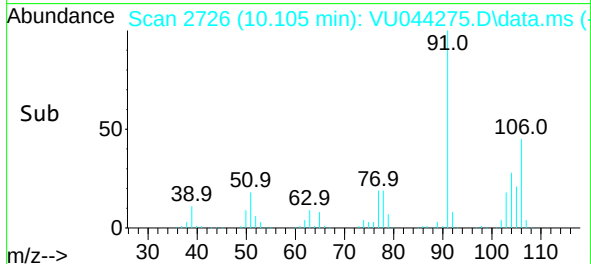
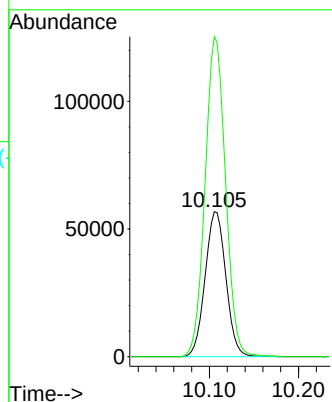
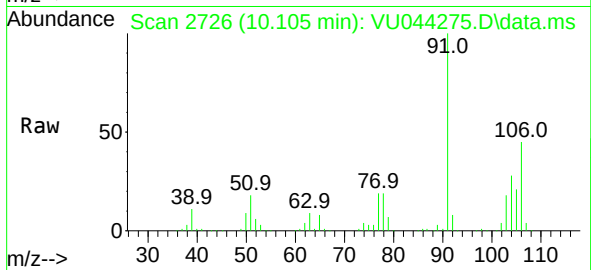




#54
o-Xylene
Concen: 5.332 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. -0.003 min
Lab File: VU044275.D
Acq: 01 Jul 2021 10:06

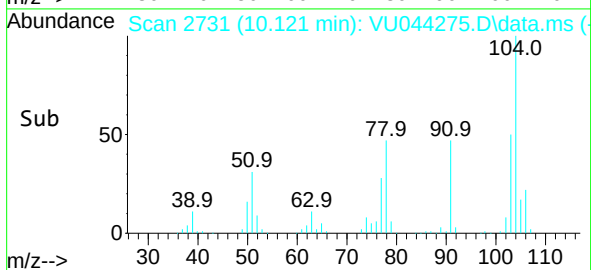
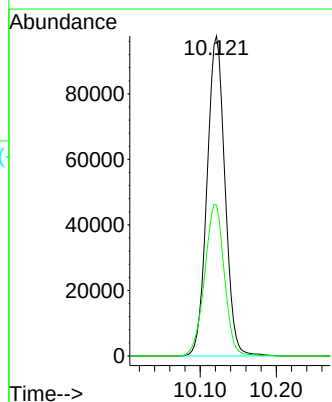
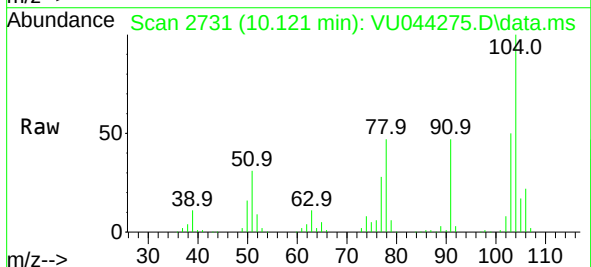
Instrument :
MSVOA_U
ClientSampleId :

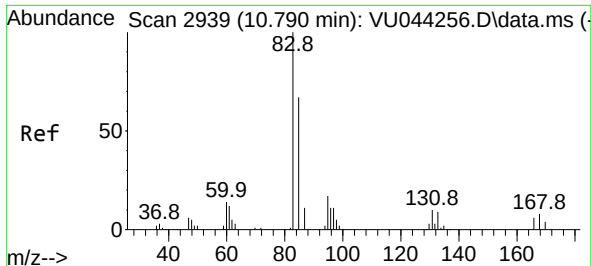
Tgt Ion:106 Resp: 91890
Ion Ratio Lower Upper
106 100
91 220.8 154.8 287.4



#55
Styrene
Concen: 5.294 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. 0.000 min
Lab File: VU044275.D
Acq: 01 Jul 2021 10:06

Tgt Ion:104 Resp: 159992
Ion Ratio Lower Upper
104 100
78 47.1 34.1 63.3

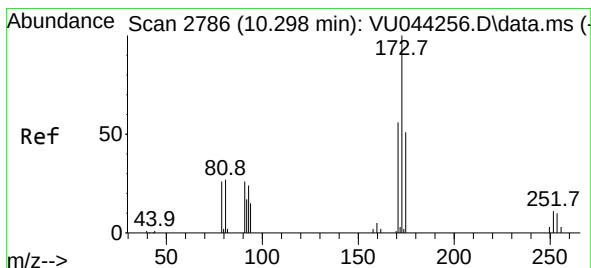
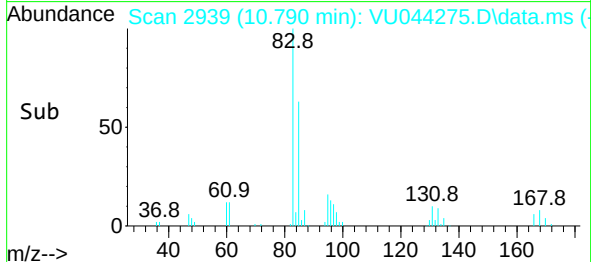
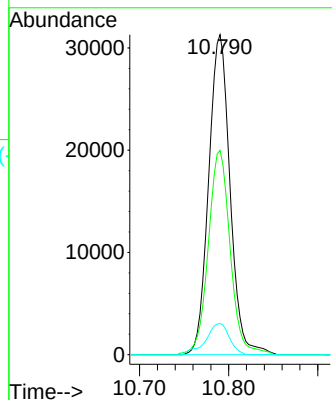
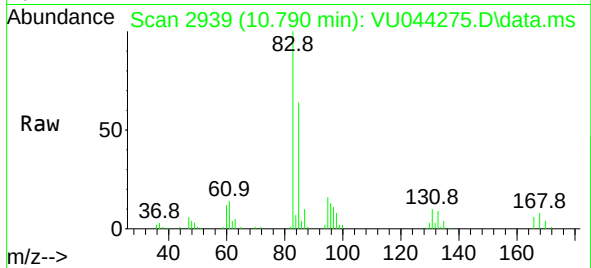




#57
1,1,2,2-Tetrachloroethane
Concen: 5.369 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. 0.000 min
Lab File: VU044275.D
Acq: 01 Jul 2021 10:06

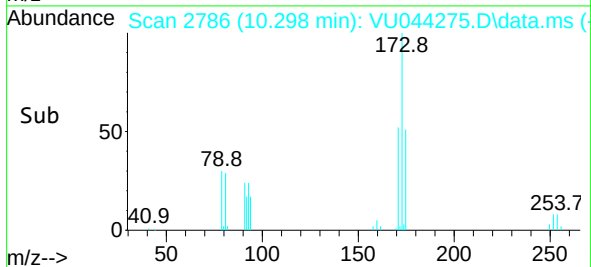
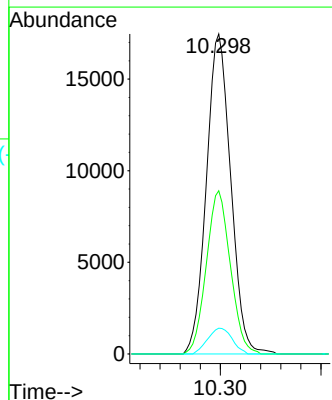
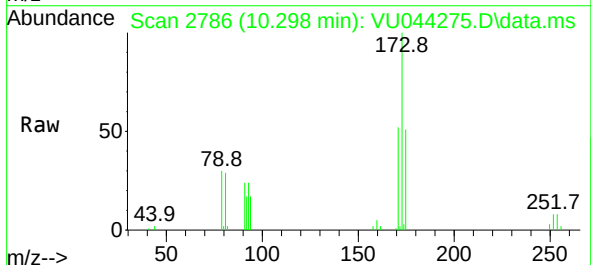
Instrument :
MSVOA_U
ClientSampleId :

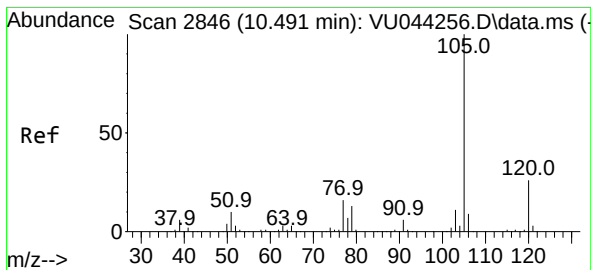
Tgt Ion: 83 Resp: 52152
Ion Ratio Lower Upper
83 100
85 63.9 45.5 84.5
131 9.7 7.9 11.9



#59
Bromoform
Concen: 5.143 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VU044275.D
Acq: 01 Jul 2021 10:06

Tgt Ion:173 Resp: 29323
Ion Ratio Lower Upper
173 100
175 50.4 38.0 57.0
254 8.1 6.2 9.4

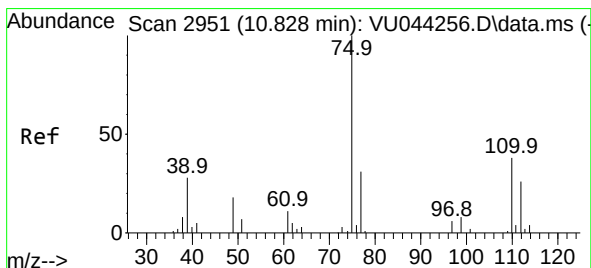
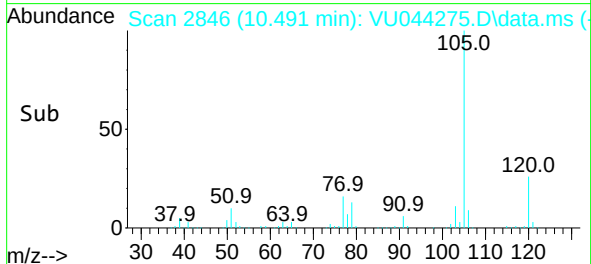
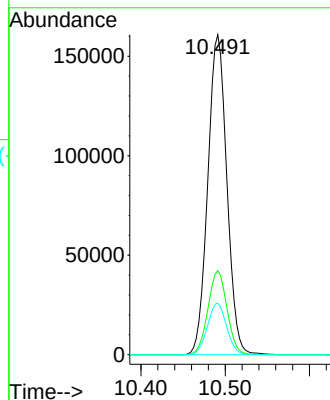
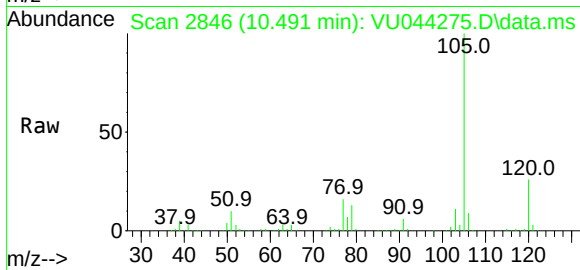




#60
Isopropylbenzene
Concen: 5.162 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. 0.000 min
Lab File: VU044275.D
Acq: 01 Jul 2021 10:06

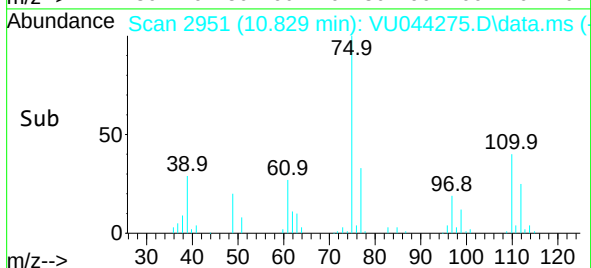
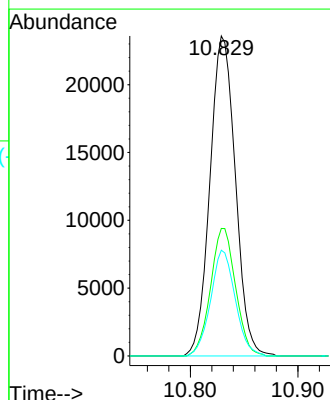
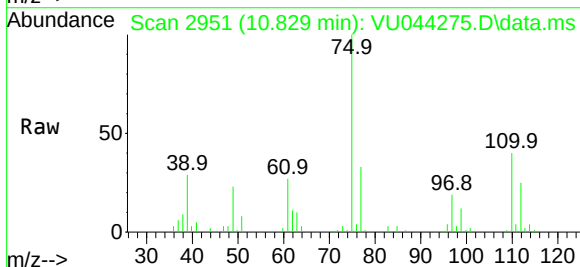
Instrument :
MSVOA_U
ClientSampled :

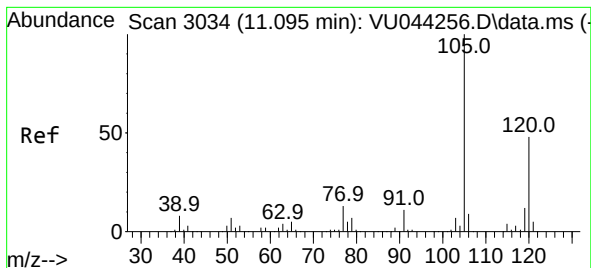
Tgt Ion:105 Resp: 252821
Ion Ratio Lower Upper
105 100
120 26.2 20.7 31.1
77 16.2 12.9 19.3



#61
1,2,3-Trichloropropane
Concen: 5.329 ug/L
RT: 10.829 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU044275.D
Acq: 01 Jul 2021 10:06

Tgt Ion: 75 Resp: 38748
Ion Ratio Lower Upper
75 100
110 39.2 30.5 45.7
77 32.0 26.1 39.1

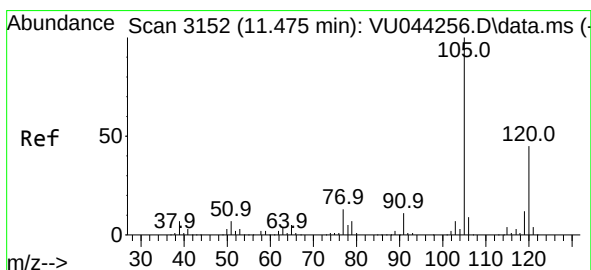
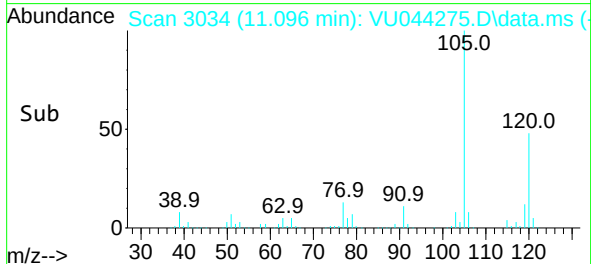
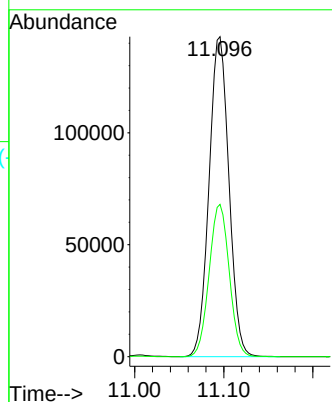
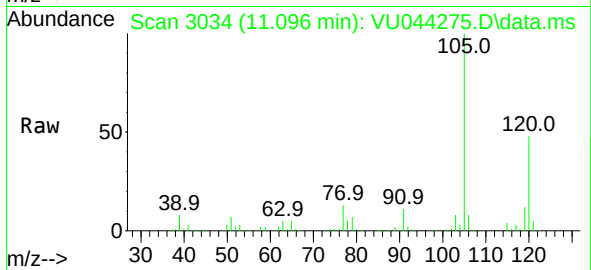




#62
1,3,5-Trimethylbenzene
Concen: 5.183 ug/L
RT: 11.096 min Scan# 3034
Delta R.T. 0.000 min
Lab File: VU044275.D
Acq: 01 Jul 2021 10:06

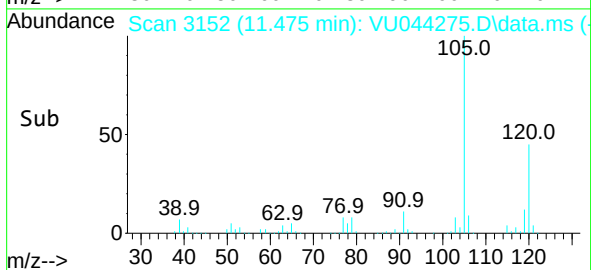
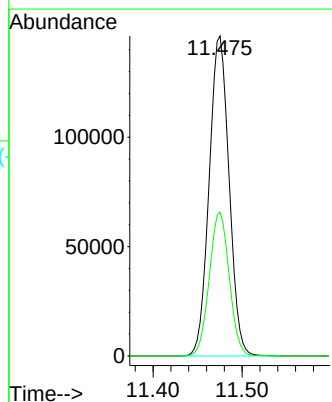
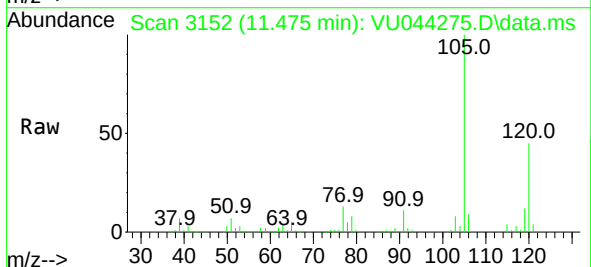
Instrument :
MSVOA_U
ClientSampleId :

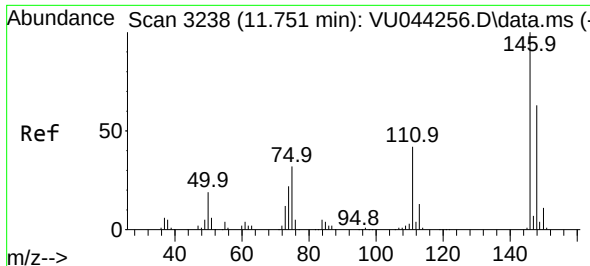
Tgt Ion:105 Resp: 221171
Ion Ratio Lower Upper
105 100
120 48.2 38.0 57.0



#63
1,2,4-Trimethylbenzene
Concen: 5.189 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VU044275.D
Acq: 01 Jul 2021 10:06

Tgt Ion:105 Resp: 226501
Ion Ratio Lower Upper
105 100
120 44.9 35.6 53.4

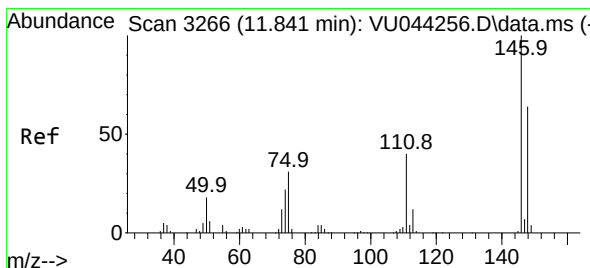
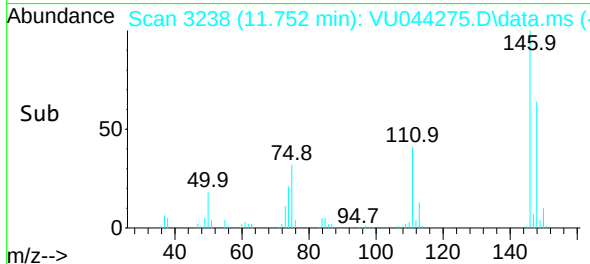
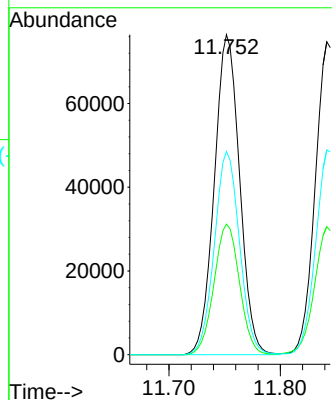
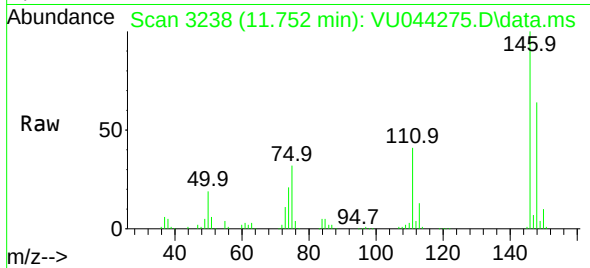




#64
1,3-Dichlorobenzene
Concen: 5.452 ug/L
RT: 11.752 min Scan# 3238
Delta R.T. 0.000 min
Lab File: VU044275.D
Acq: 01 Jul 2021 10:06

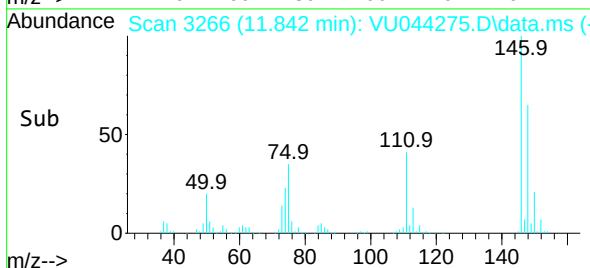
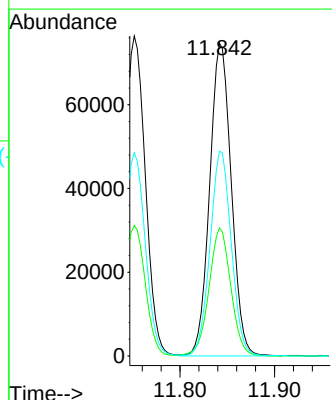
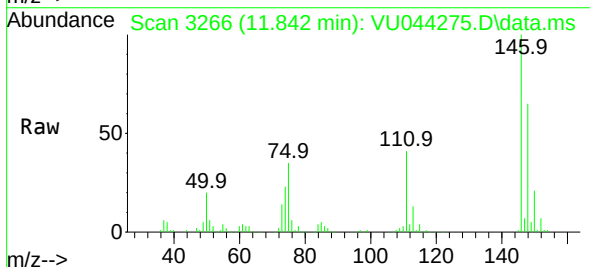
Instrument :
MSVOA_U
ClientSampleId :

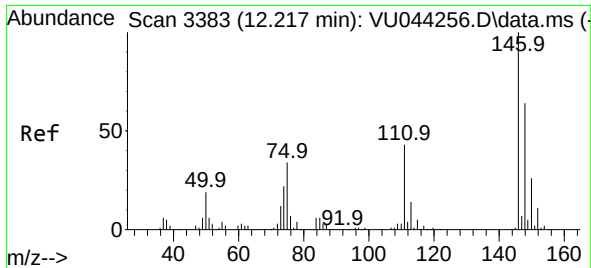
Tgt Ion:146 Resp: 120522
Ion Ratio Lower Upper
146 100
111 40.8 29.8 55.3
148 63.5 45.8 85.2



#65
1,4-Dichlorobenzene
Concen: 5.322 ug/L
RT: 11.842 min Scan# 3266
Delta R.T. 0.000 min
Lab File: VU044275.D
Acq: 01 Jul 2021 10:06

Tgt Ion:146 Resp: 118637
Ion Ratio Lower Upper
146 100
111 40.9 28.2 52.4
148 65.4 45.1 83.9

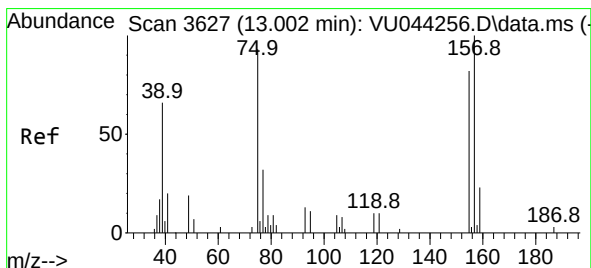
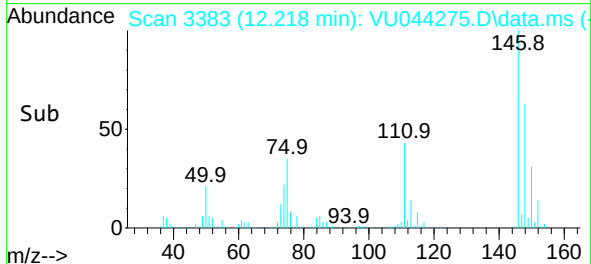
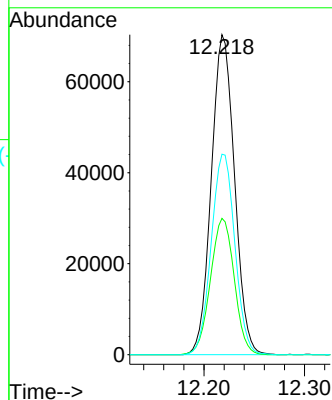
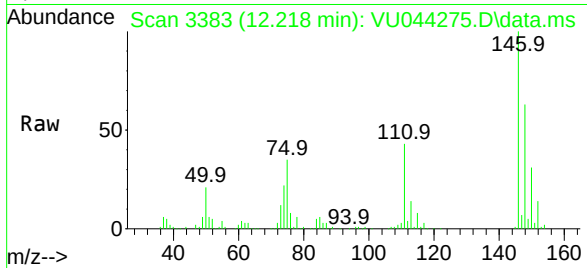




#67
1,2-Dichlorobenzene
Concen: 5.431 ug/L
RT: 12.218 min Scan# 3383
Delta R.T. 0.000 min
Lab File: VU044275.D
Acq: 01 Jul 2021 10:06

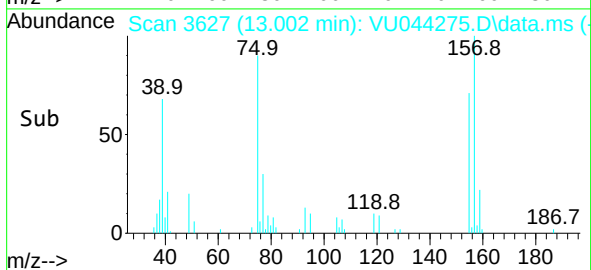
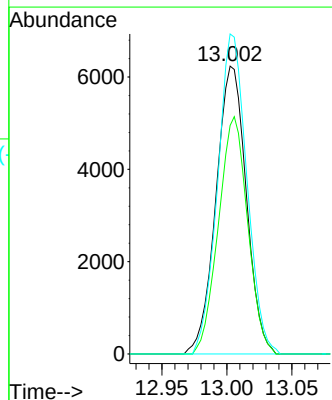
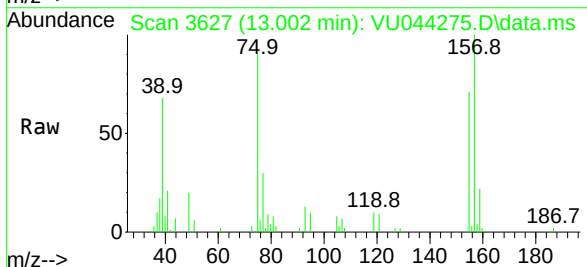
Instrument :
MSVOA_U
ClientSampleId :

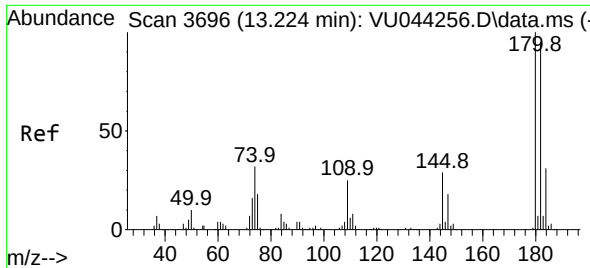
Tgt Ion:146 Resp: 112922
Ion Ratio Lower Upper
146 100
111 42.6 35.0 52.6
148 62.7 51.2 76.8



#68
1,2-Dibromo-3-chloropropane
Concen: 5.322 ug/L
RT: 13.002 min Scan# 3627
Delta R.T. 0.000 min
Lab File: VU044275.D
Acq: 01 Jul 2021 10:06

Tgt Ion: 75 Resp: 10108
Ion Ratio Lower Upper
75 100
155 79.4 59.9 89.9
157 111.2 79.3 118.9

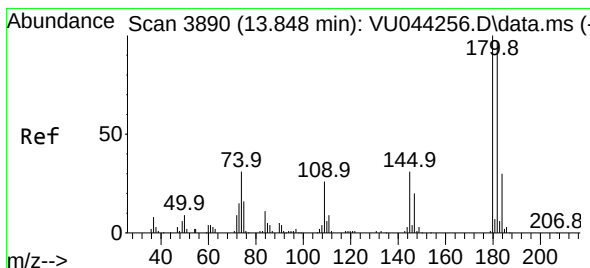
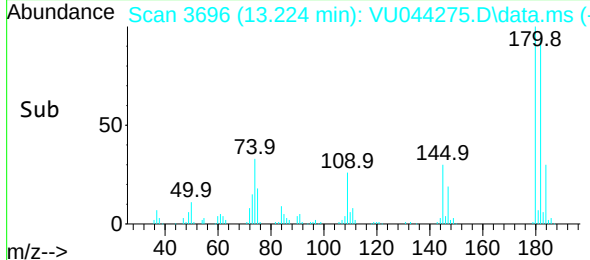
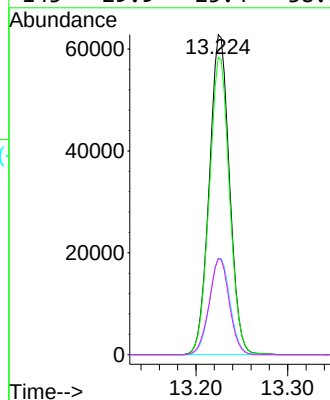
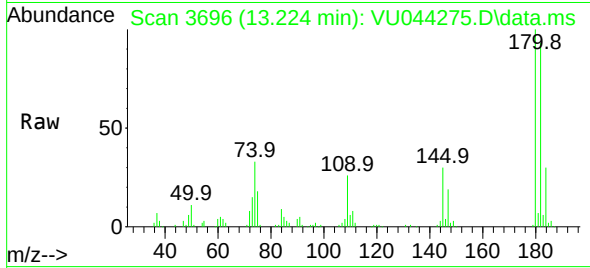




#69
1,3,5-Trichlorobenzene
Concen: 5.700 ug/L
RT: 13.224 min Scan# 3696
Delta R.T. 0.000 min
Lab File: VU044275.D
Acq: 01 Jul 2021 10:06

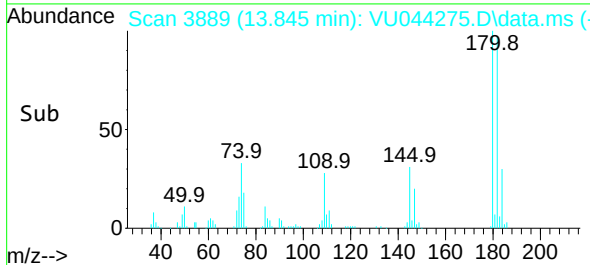
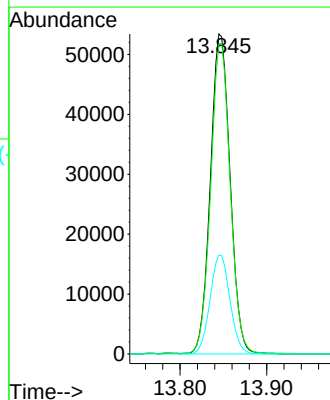
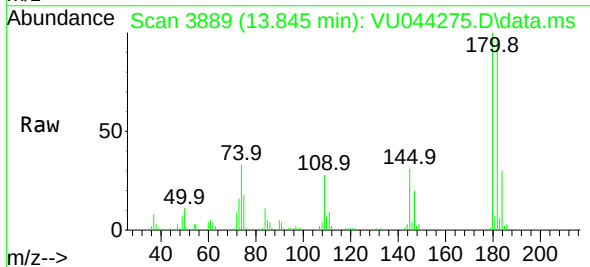
Instrument :
MSVOA_U
ClientSampleId :

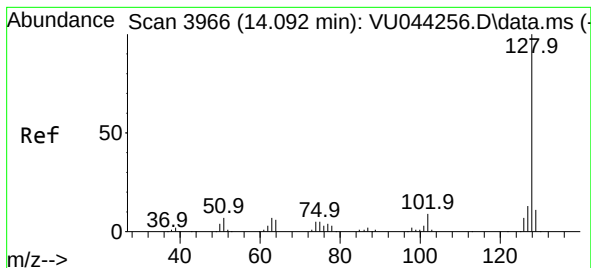
Tgt Ion:180	Resp:	96037
Ion Ratio	Lower	Upper
180	100	
182	93.4	75.8 113.6
184	30.7	23.8 35.8
145	29.9	25.4 38.0



#70
1,2,4-trichlorobenzene
Concen: 5.929 ug/L
RT: 13.845 min Scan# 3889
Delta R.T. -0.003 min
Lab File: VU044275.D
Acq: 01 Jul 2021 10:06

Tgt Ion:180	Resp:	84600
Ion Ratio	Lower	Upper
180	100	
182	95.3	75.7 113.5
145	31.2	25.6 38.4

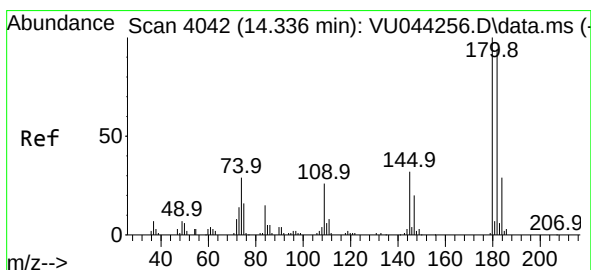
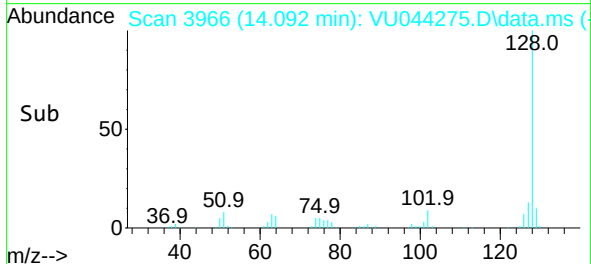
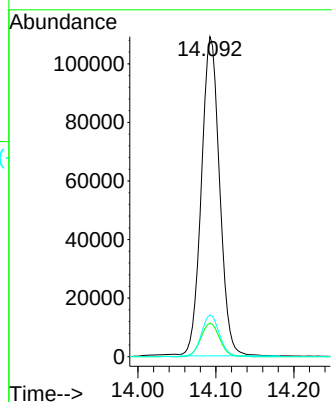
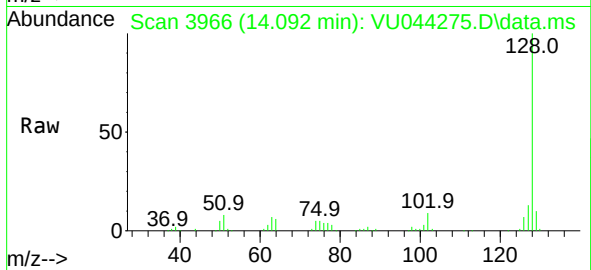




#71
Naphthalene
Concen: 6.846 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VU044275.D
Acq: 01 Jul 2021 10:06

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion:128 Resp: 176845
Ion Ratio Lower Upper
128 100
129 10.8 8.9 13.3
127 13.0 10.3 15.5



#72
1,2,3-Trichlorobenzene
Concen: 6.165 ug/L
RT: 14.337 min Scan# 4042
Delta R.T. 0.000 min
Lab File: VU044275.D
Acq: 01 Jul 2021 10:06

Tgt Ion:180 Resp: 75969
Ion Ratio Lower Upper
180 100
182 95.8 76.4 114.6
145 33.4 26.5 39.7

