

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051421\
 Data File : VU043719.D
 Acq On : 13 May 2021 23:17
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 14 04:39:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051421WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 14 04:23:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	478596	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	460755	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	243673	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	189934	47.93	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	95.86%		
7) Chloroethane-d5	1.909	69	136350	47.85	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	95.70%		
11) 1,1-Dichloroethene-d2	2.571	63	328364	48.67	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	97.34%		
21) 2-Butanone-d5	4.626	46	309799	99.94	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	99.94%		
24) Chloroform-d	5.073	84	327421	48.70	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.40%		
26) 1,2-Dichloroethane-d4	5.710	65	198686	47.66	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.32%		
32) Benzene-d6	5.735	84	672037	49.22	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.44%		
36) 1,2-Dichloropropane-d6	6.697	67	220153	49.43	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	98.86%		
41) Toluene-d8	7.906	98	612390	49.84	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.68%		
43) trans-1,3-Dichloroprop...	8.185	79	96953	49.79	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	99.58%		
47) 2-Hexanone-d5	8.639	63	217027	101.76	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	101.76%		
56) 1,1,2,2-Tetrachloroeth...	10.764	84	323293	47.96	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	95.92%		
66) 1,2-Dichlorobenzene-d4	12.198	152	237499	49.39	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.78%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	187600	46.57	ug/L	100
3) Chloromethane	1.520	50	223739	45.94	ug/L	100
5) Vinyl chloride	1.607	62	226672	47.87	ug/L	100
6) Bromomethane	1.848	94	128862	55.81	ug/L	97
8) Chloroethane	1.932	64	127173	47.44	ug/L	99
9) Trichlorofluoromethane	2.141	101	253372	47.34	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	165695	47.30	ug/L	99
12) 1,1-Dichloroethene	2.584	96	165397	47.87	ug/L	99
13) Acetone	2.629	43	211813	97.87	ug/L	100
14) Carbon disulfide	2.800	76	524028	48.04	ug/L	100
15) Methyl Acetate	2.951	43	239872	48.84	ug/L	99
16) Methylene chloride	3.054	84	219750	42.47	ug/L	99
17) trans-1,2-Dichloroethene	3.359	96	173703	48.60	ug/L	99
18) Methyl tert-butyl Ether	3.369	73	539733	49.78	ug/L	100
19) 1,1-Dichloroethane	3.877	63	336578	48.17	ug/L	99
20) cis-1,2-Dichloroethene	4.674	96	193314	49.09	ug/L	99
22) 2-Butanone	4.706	43	349022	97.97	ug/L	99
23) Bromochloromethane	4.983	128	101402	47.45	ug/L	98
25) Chloroform	5.095	83	329396	48.14	ug/L	100

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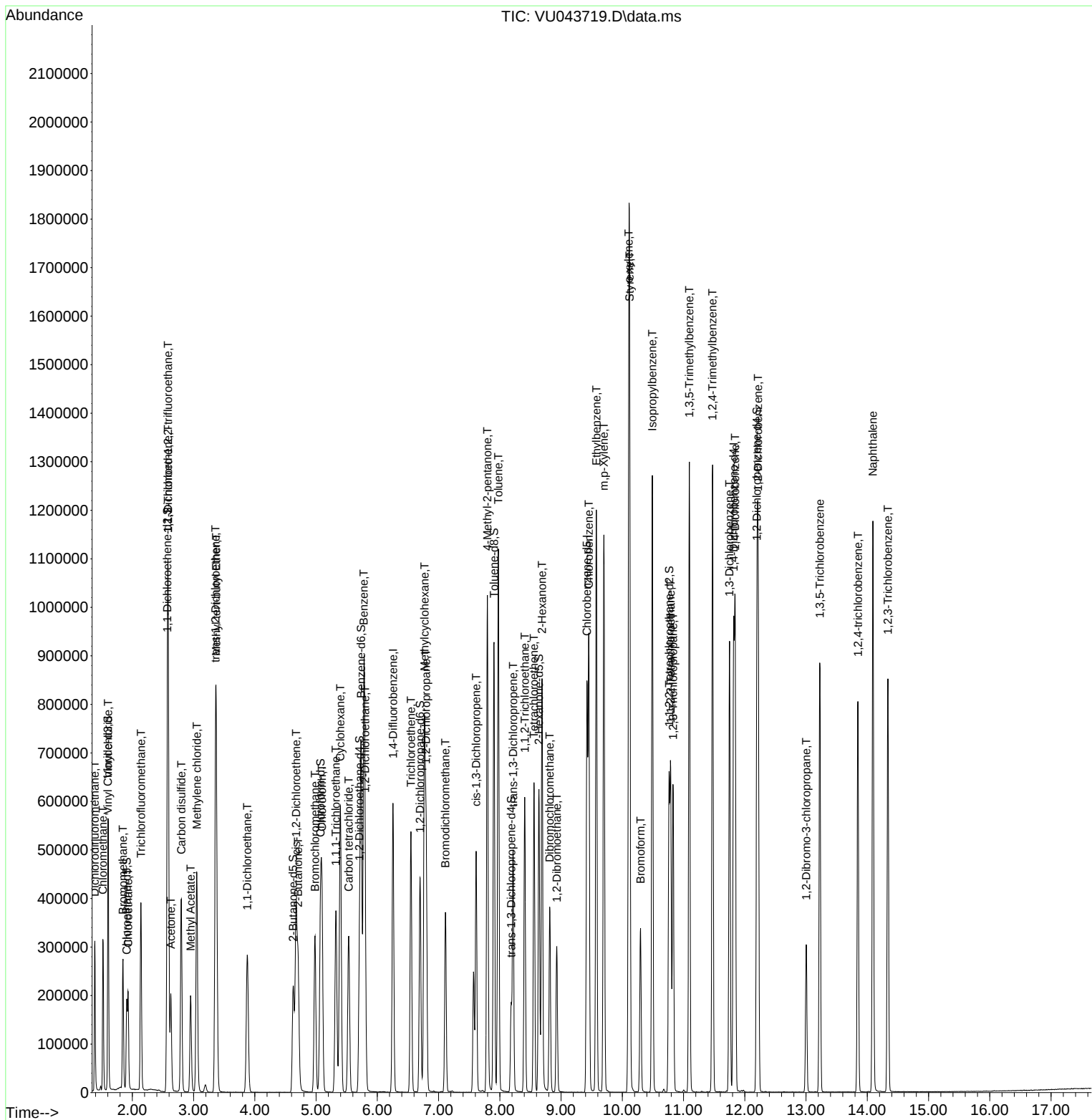
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 MSVOA_U
 ClientSampleId :

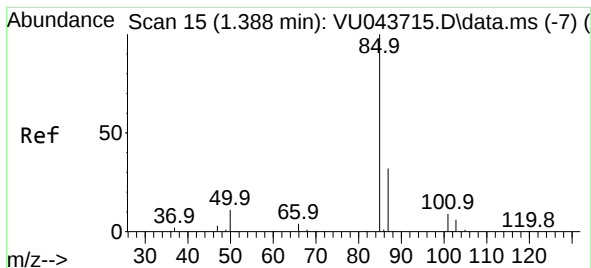
Quant Time: May 14 04:39:09 2021
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 Quant Title : VOC Analysis
 QLast Update : Fri May 14 04:23:32 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	252713	47.91	ug/L	99
29) Cyclohexane	5.398	56	310176	50.58	ug/L	99
30) 1,1,1-Trichloroethane	5.324	97	273083	49.17	ug/L	98
31) Carbon tetrachloride	5.533	117	221675	48.61	ug/L	100
33) Benzene	5.780	78	760293	48.81	ug/L	100
34) Trichloroethene	6.549	95	184464	48.69	ug/L	96
35) Methylcyclohexane	6.771	83	298174	49.79	ug/L	99
37) 1,2-Dichloropropane	6.796	63	206557	48.56	ug/L	99
38) Bromodichloromethane	7.111	83	243929	48.43	ug/L	100
39) cis-1,3-Dichloropropene	7.613	75	291286	50.13	ug/L	99
40) 4-Methyl-2-pentanone	7.796	43	640804	100.09	ug/L	100
42) Toluene	7.976	91	807009	49.57	ug/L	99
44) trans-1,3-Dichloropropene	8.218	75	275081	50.34	ug/L	99
45) 1,1,2-Trichloroethane	8.407	97	190508	48.62	ug/L	99
46) Tetrachloroethene	8.558	164	145292	48.75	ug/L	99
48) 2-Hexanone	8.690	43	520689	101.28	ug/L	99
49) Dibromochloromethane	8.816	129	195288	48.58	ug/L	99
50) 1,2-Dibromoethane	8.931	107	198947	48.87	ug/L	100
51) Chlorobenzene	9.452	112	485086	48.11	ug/L	100
52) Ethylbenzene	9.578	91	844678	50.26	ug/L	100
53) m,p-Xylene	9.700	106	324520	51.00	ug/L	99
54) o-xylene	10.105	106	319415	50.73	ug/L	100
55) Styrene	10.121	104	544950	51.33	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.790	83	338000	47.32	ug/L	98
59) Bromoform	10.298	173	153671	48.25	ug/L #	98
60) 1,2,3-Trichloropropane	10.828	75	275043	48.36	ug/L	99
61) Isopropylbenzene	10.491	105	817740	51.37	ug/L	100
62) 1,3,5-Trimethylbenzene	11.095	105	692499	52.39	ug/L	100
63) 1,2,4-Trimethylbenzene	11.475	105	703754	53.02	ug/L	100
64) 1,3-Dichlorobenzene	11.751	146	382613	49.43	ug/L	100
65) 1,4-Dichlorobenzene	11.841	146	387948	49.13	ug/L	99
67) 1,2-Dichlorobenzene	12.217	146	398974	49.48	ug/L	99
68) 1,2-Dibromo-3-chloropr...	13.002	75	77806	49.97	ug/L	92
69) 1,3,5-Trichlorobenzene	13.224	180	286497	49.94	ug/L	99
70) 1,2,4-trichlorobenzene	13.848	180	254104	51.85	ug/L	100
71) Naphthalene	14.092	128	923673	56.49	ug/L	100
72) 1,2,3-Trichlorobenzene	14.336	180	276145	53.52	ug/L	99

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

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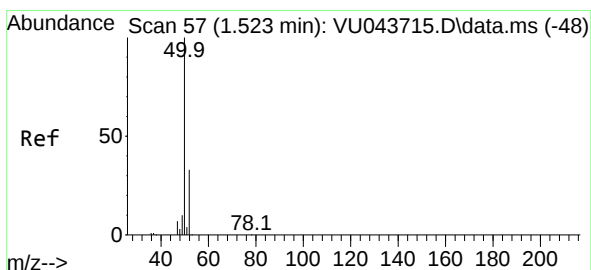
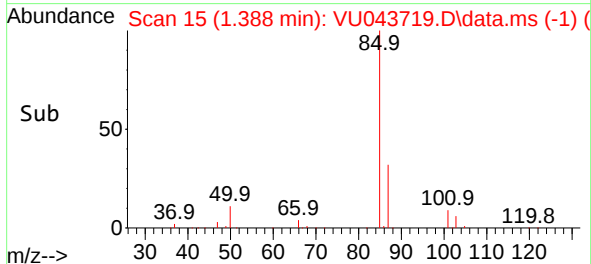
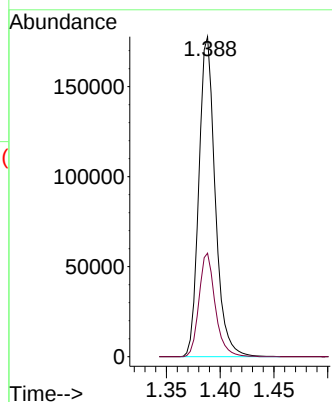
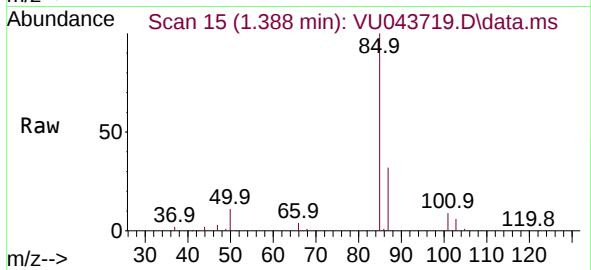




#2
Dichlorodifluoromethane
Concen: 46.57 ug/L
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU043719.D
Acq: 13 May 2021 23:17

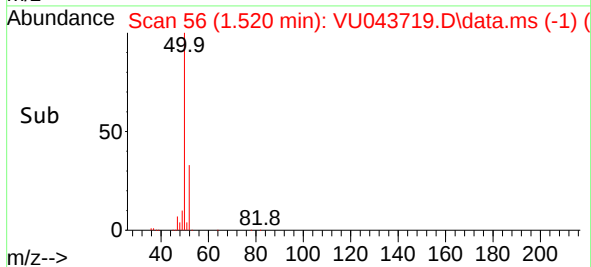
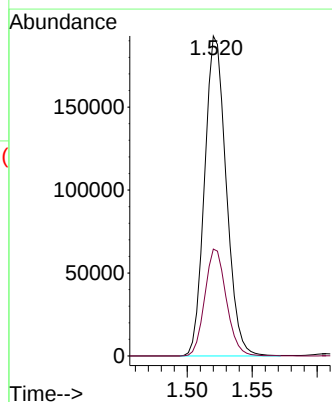
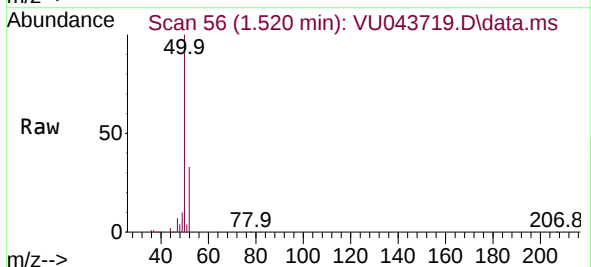
Instrument :
MSVOA_U
ClientSampleId :

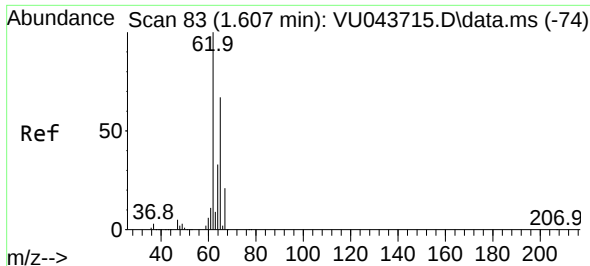
Tgt Ion: 85 Resp: 187600
Ion Ratio Lower Upper
85 100
87 32.1 25.9 38.9



#3
Chloromethane
Concen: 45.94 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU043719.D
Acq: 13 May 2021 23:17

Tgt Ion: 50 Resp: 223739
Ion Ratio Lower Upper
50 100
52 33.4 23.2 43.2

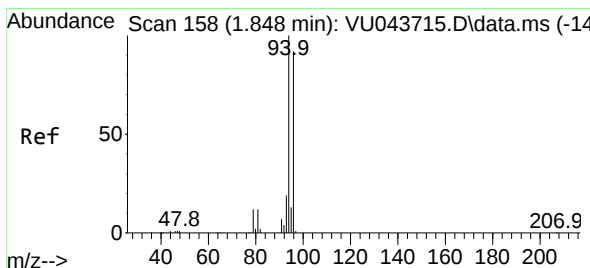
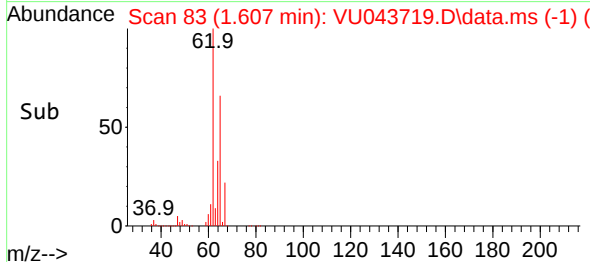
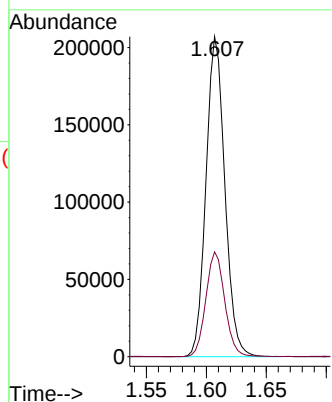
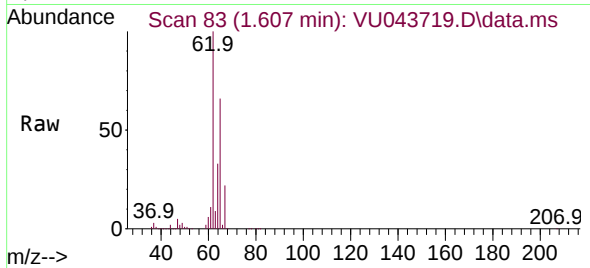




#5
 Vinyl chloride
 Concen: 47.87 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU043719.D
 Acq: 13 May 2021 23:17

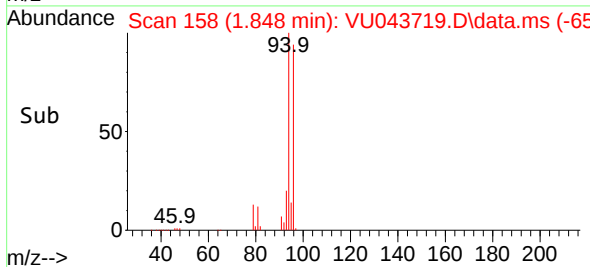
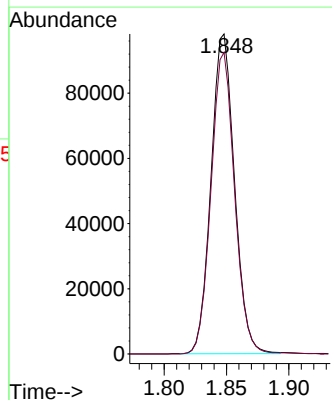
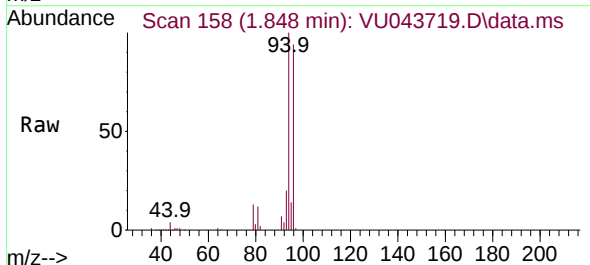
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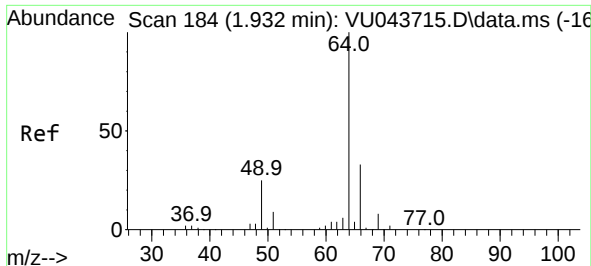
Tgt Ion: 62 Resp: 226672
 Ion Ratio Lower Upper
 62 100
 64 32.7 22.9 42.5



#6
 Bromomethane
 Concen: 55.81 ug/L
 RT: 1.848 min Scan# 158
 Delta R.T. -0.000 min
 Lab File: VU043719.D
 Acq: 13 May 2021 23:17

Tgt Ion: 94 Resp: 128862
 Ion Ratio Lower Upper
 94 100
 96 94.2 64.2 119.2

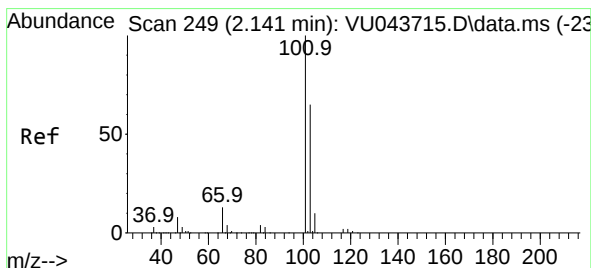
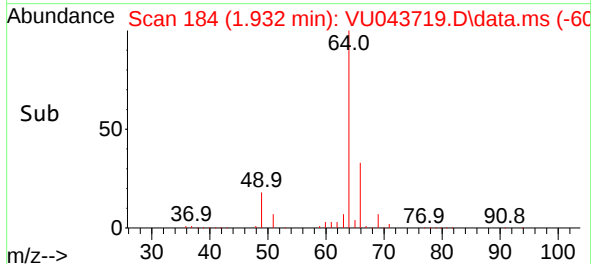
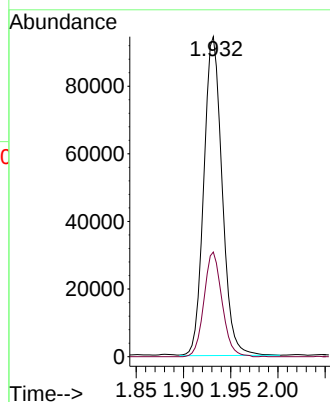
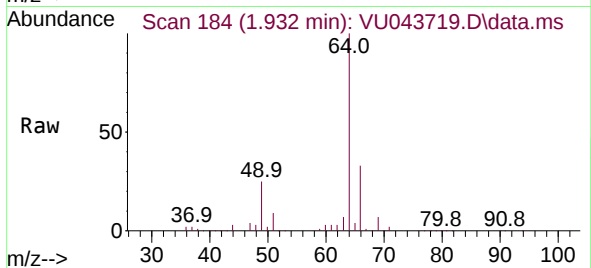




#8
Chloroethane
Concen: 47.44 ug/L
RT: 1.932 min Scan# 184
Delta R.T. -0.000 min
Lab File: VU043719.D
Acq: 13 May 2021 23:17

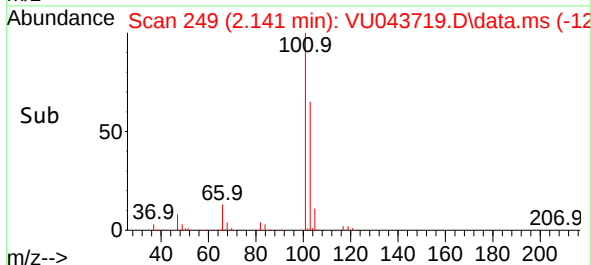
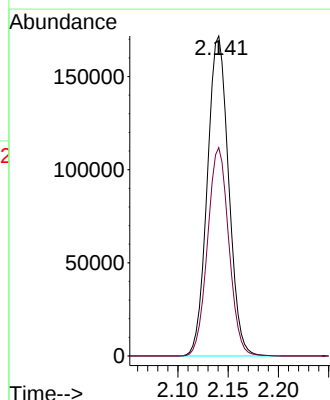
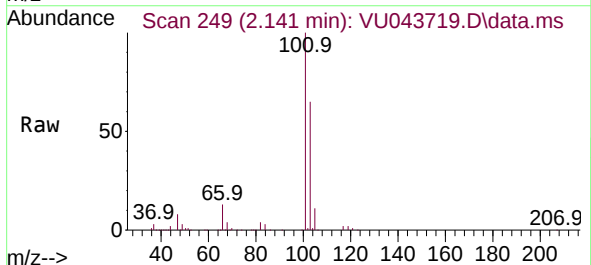
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MSVOA_U
ClientSampleId :

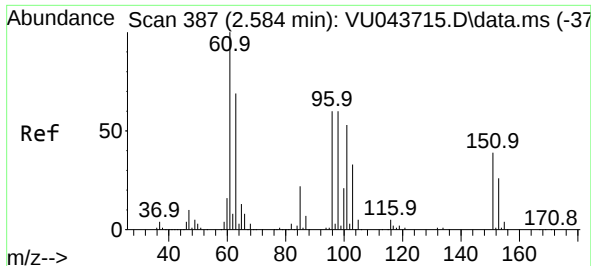
Tgt Ion: 64 Resp: 127173
Ion Ratio Lower Upper
64 100
66 32.7 23.2 43.2



#9
Trichlorofluoromethane
Concen: 47.34 ug/L
RT: 2.141 min Scan# 249
Delta R.T. -0.000 min
Lab File: VU043719.D
Acq: 13 May 2021 23:17

Tgt Ion:101 Resp: 253372
Ion Ratio Lower Upper
101 100
103 64.8 52.3 78.5





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 47.30 ug/L

RT: 2.584 min Scan# 387

Delta R.T. -0.000 min

Lab File: VU043719.D

Acq: 13 May 2021 23:17

Tgt Ion:101 Resp: 165695

Ion Ratio Lower Upper

101 100

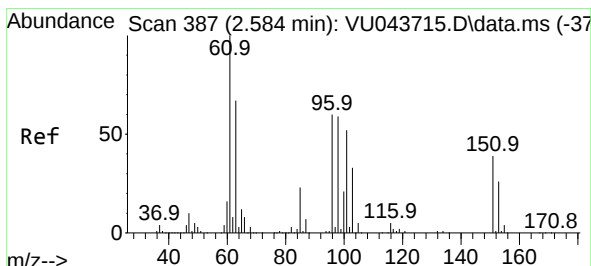
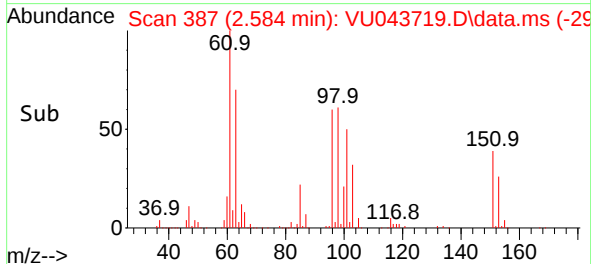
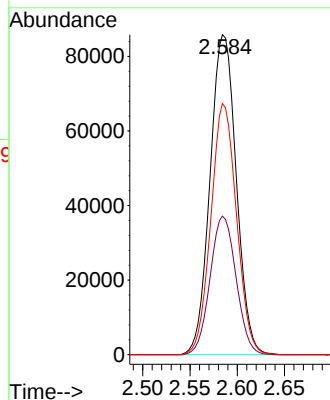
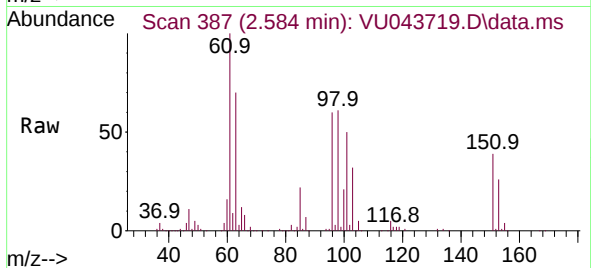
85 42.9 34.2 51.4

151 76.7 60.4 90.6

Instrument :

MSVOA_U

ClientSampleId :



#12

1,1-Dichloroethene

Concen: 47.87 ug/L

RT: 2.584 min Scan# 387

Delta R.T. -0.000 min

Lab File: VU043719.D

Acq: 13 May 2021 23:17

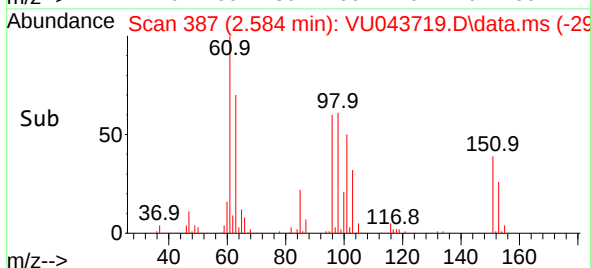
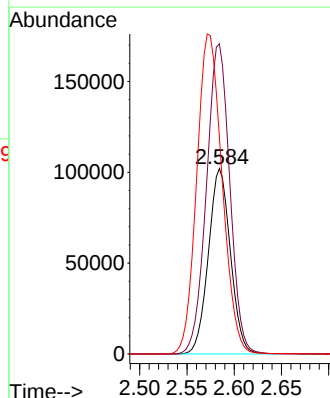
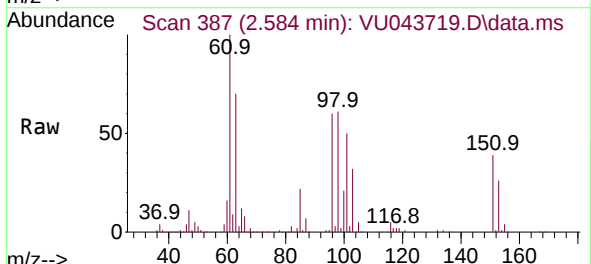
Tgt Ion: 96 Resp: 165397

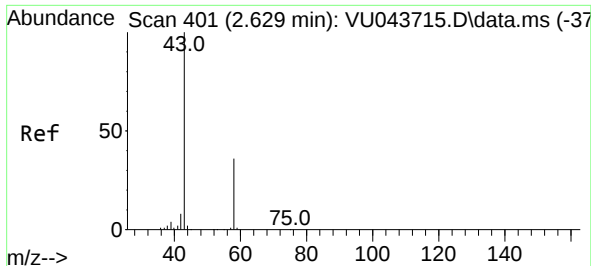
Ion Ratio Lower Upper

96 100

61 167.3 116.3 215.9

63 116.9 80.8 150.2

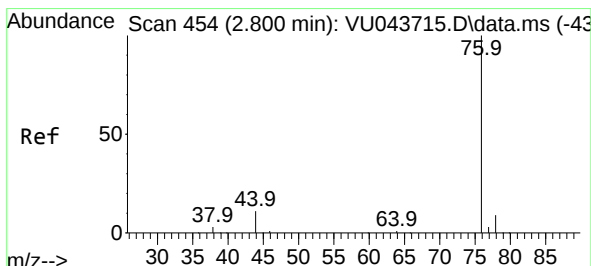
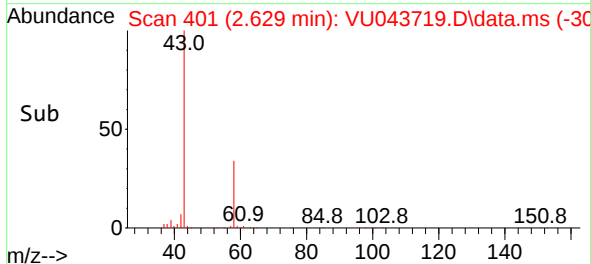
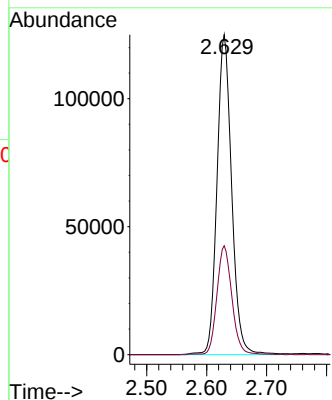
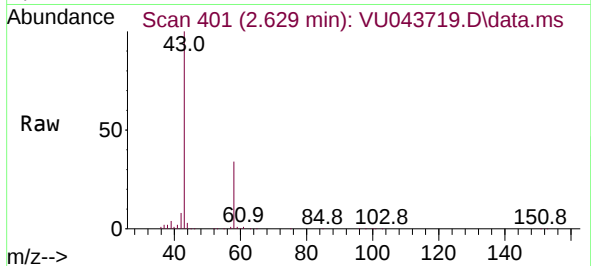




#13
Acetone
Concen: 97.87 ug/L
RT: 2.629 min Scan# 401
Delta R.T. -0.000 min
Lab File: VU043719.D
Acq: 13 May 2021 23:17

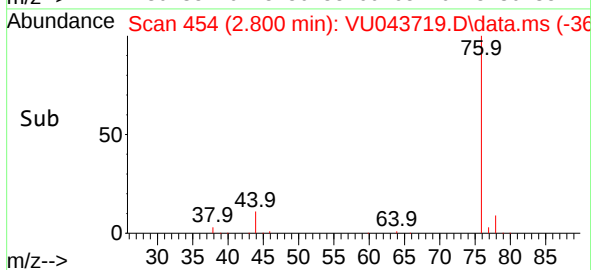
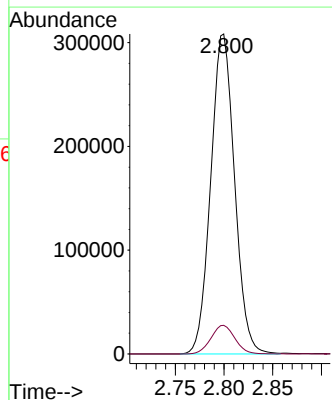
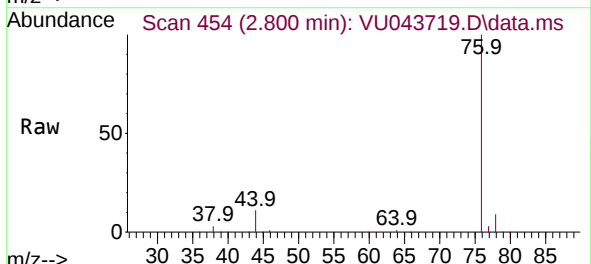
Instrument :
MSVOA_U
ClientSampled :

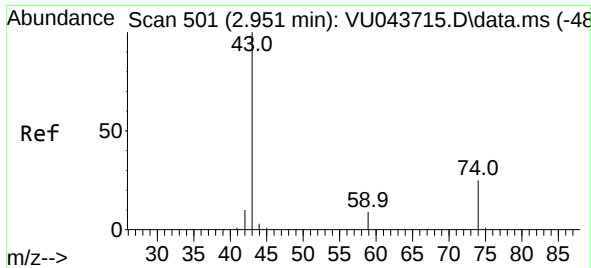
Tgt Ion: 43 Resp: 211813
Ion Ratio Lower Upper
43 100
58 34.4 0.0 69.4



#14
Carbon disulfide
Concen: 48.04 ug/L
RT: 2.800 min Scan# 454
Delta R.T. -0.000 min
Lab File: VU043719.D
Acq: 13 May 2021 23:17

Tgt Ion: 76 Resp: 524028
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7

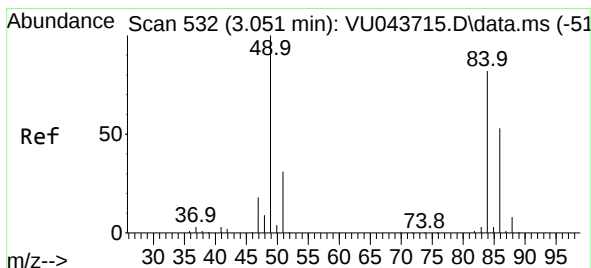
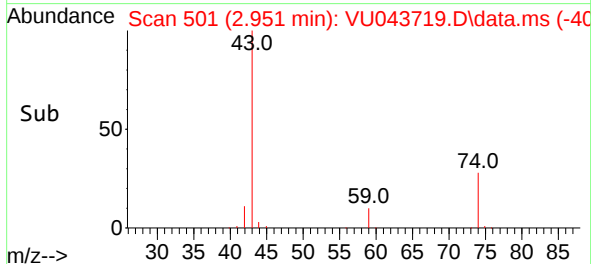
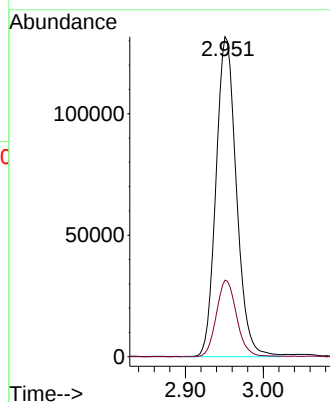
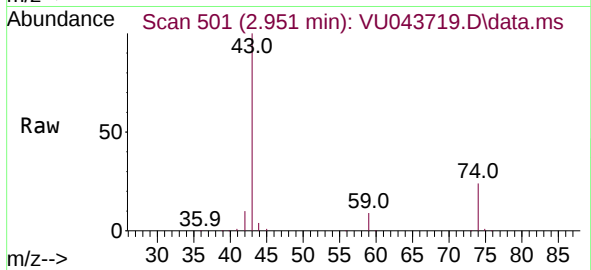




#15
Methyl Acetate
Concen: 48.84 ug/L
RT: 2.951 min Scan# 501
Delta R.T. -0.000 min
Lab File: VU043719.D
Acq: 13 May 2021 23:17

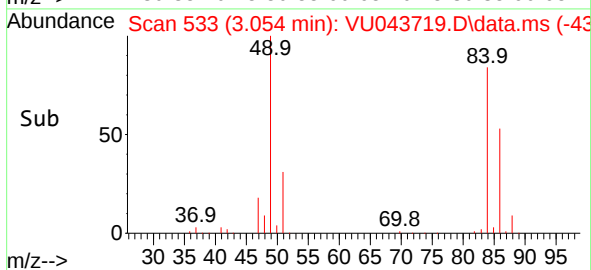
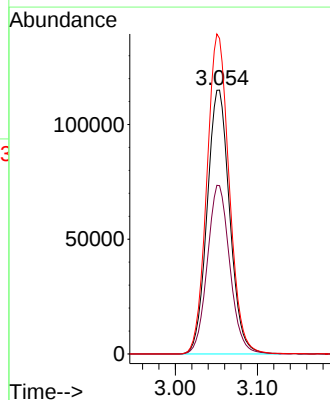
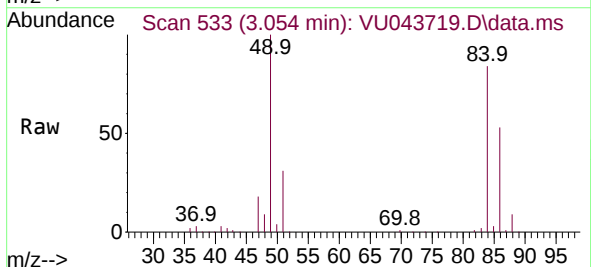
Instrument :
MSVOA_U
ClientSampleId :

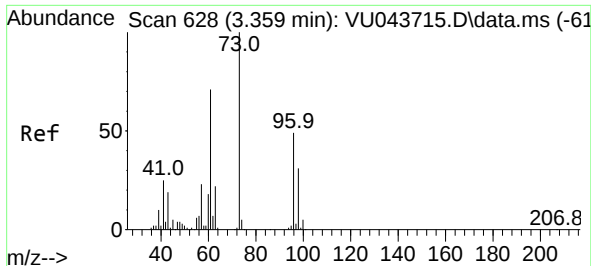
Tgt Ion: 43 Resp: 239872
Ion Ratio Lower Upper
43 100
74 23.8 19.3 28.9



#16
Methylene chloride
Concen: 42.47 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.003 min
Lab File: VU043719.D
Acq: 13 May 2021 23:17

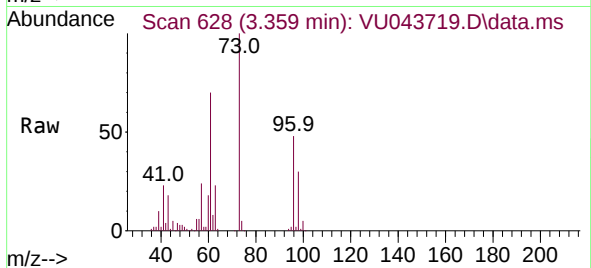
Tgt Ion: 84 Resp: 219750
Ion Ratio Lower Upper
84 100
86 63.8 44.9 83.5
49 119.6 84.9 157.7



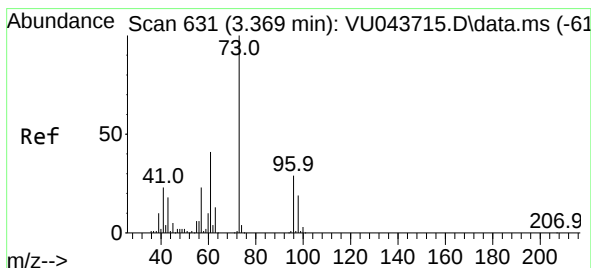
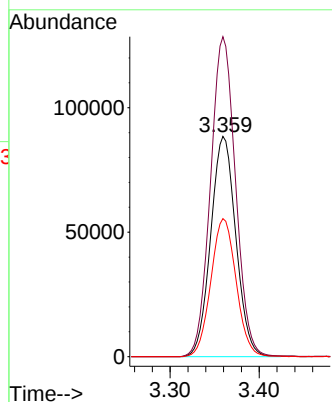
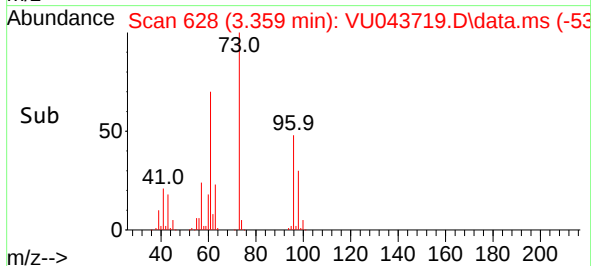


#17
trans-1,2-Dichloroethene
Concen: 48.60 ug/L
RT: 3.359 min Scan# 628
Delta R.T. -0.000 min
Lab File: VU043719.D
Acq: 13 May 2021 23:17

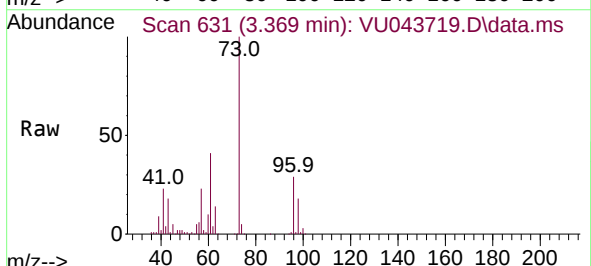
Instrument :
MSVOA_U
ClientSampleId :



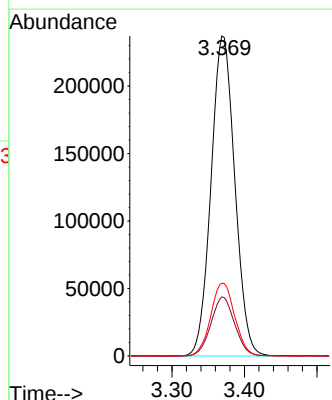
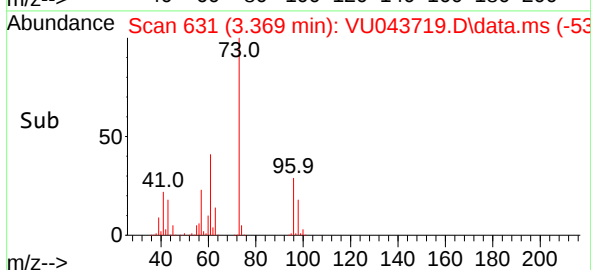
Tgt Ion: 96 Resp: 173703
Ion Ratio Lower Upper
96 100
61 145.3 101.5 188.5
98 62.7 44.9 83.5

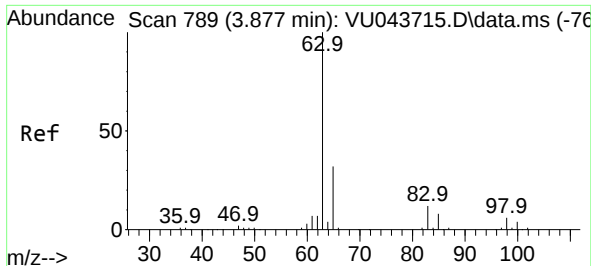


#18
Methyl tert-butyl Ether
Concen: 49.78 ug/L
RT: 3.369 min Scan# 631
Delta R.T. -0.000 min
Lab File: VU043719.D
Acq: 13 May 2021 23:17



Tgt Ion: 73 Resp: 539733
Ion Ratio Lower Upper
73 100
43 18.4 14.6 22.0
57 23.0 18.2 27.4



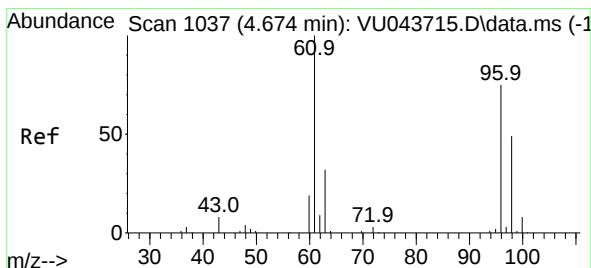
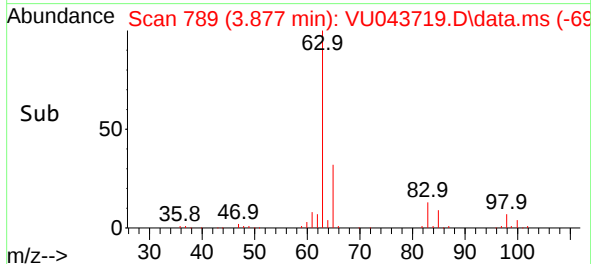
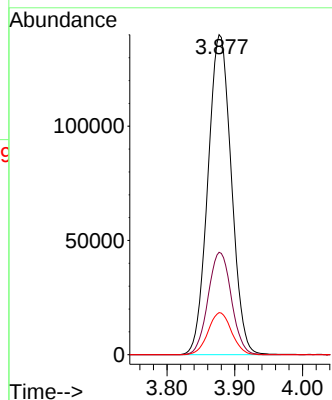
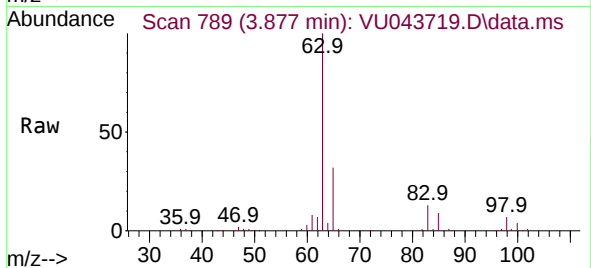


#19

1,1-Dichloroethane
Concen: 48.17 ug/L
RT: 3.877 min Scan# 789
Delta R.T. -0.000 min
Lab File: VU043719.D
Acq: 13 May 2021 23:17

Instrument :
MSVOA_U
ClientSampleId :

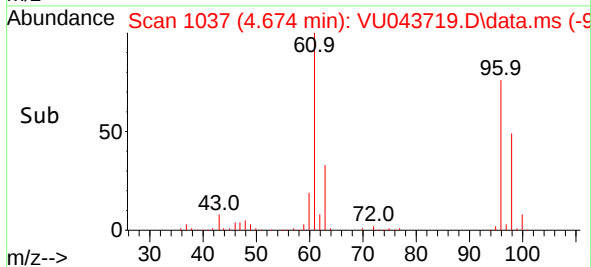
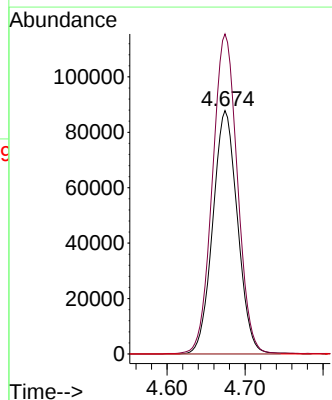
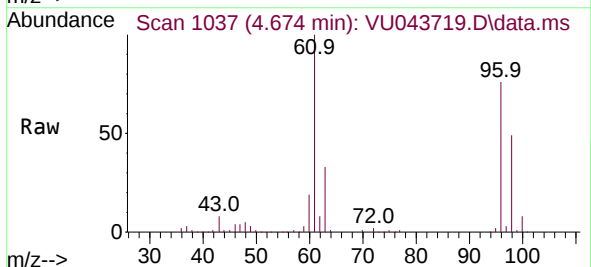
Tgt Ion: 63 Resp: 336578
Ion Ratio Lower Upper
63 100
65 32.0 22.0 41.0
83 13.2 8.7 16.1

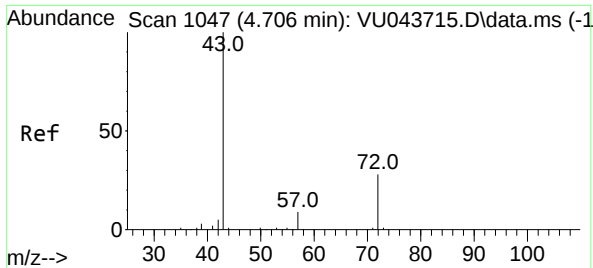


#20

cis-1,2-Dichloroethene
Concen: 49.09 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VU043719.D
Acq: 13 May 2021 23:17

Tgt Ion: 96 Resp: 193314
Ion Ratio Lower Upper
96 100
61 131.5 93.1 172.9
68 0.0 0.0 0.0

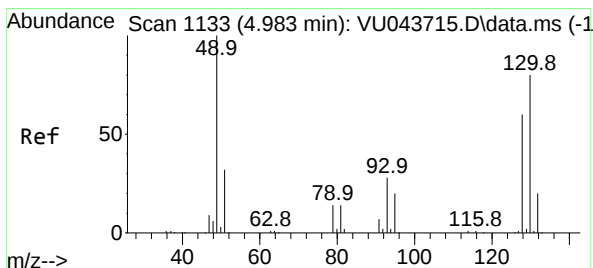
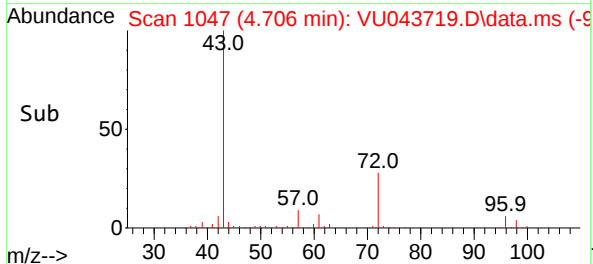
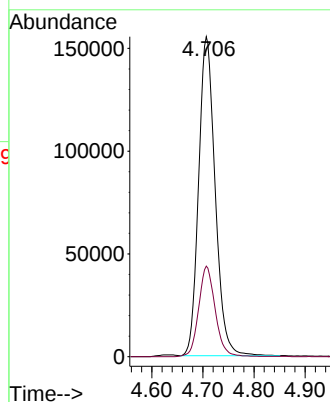
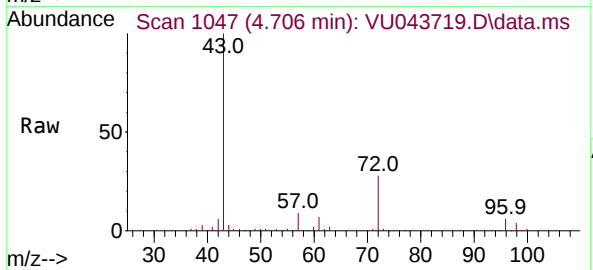




#22
2-Butanone
Concen: 97.97 ug/L
RT: 4.706 min Scan# 1047
Delta R.T. -0.000 min
Lab File: VU043719.D
Acq: 13 May 2021 23:17

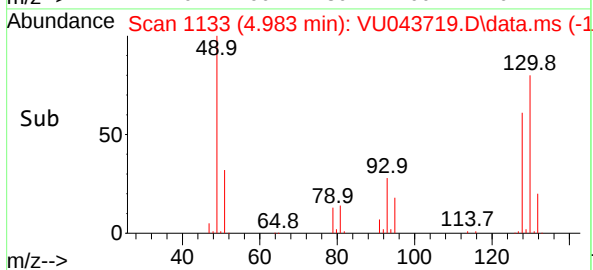
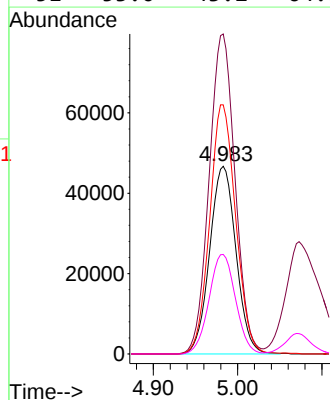
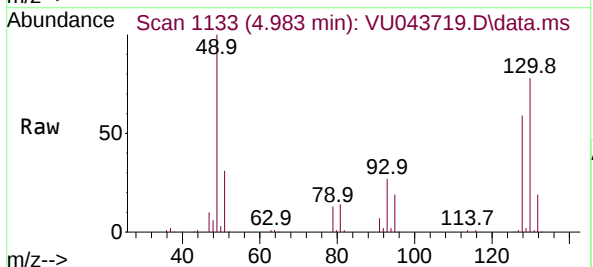
Instrument :
MSVOA_U
ClientSampled :

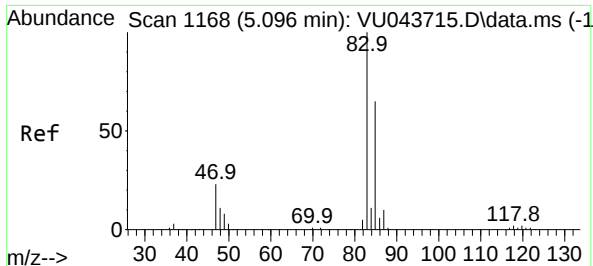
Tgt Ion: 43 Resp: 349022
Ion Ratio Lower Upper
43 100
72 28.3 13.9 41.6



#23
Bromochloromethane
Concen: 47.45 ug/L
RT: 4.983 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VU043719.D
Acq: 13 May 2021 23:17

Tgt Ion:128 Resp: 101402
Ion Ratio Lower Upper
128 100
49 170.5 116.8 216.8
130 132.8 93.3 173.3
51 53.0 43.2 64.8





#25

Chloroform

Concen: 48.14 ug/L

RT: 5.095 min Scan# 1168

Delta R.T. -0.000 min

Lab File: VU043719.D

Acq: 13 May 2021 23:17

Tgt Ion: 83 Resp: 329396

Ion Ratio Lower Upper

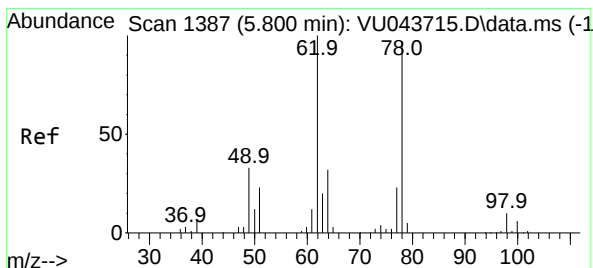
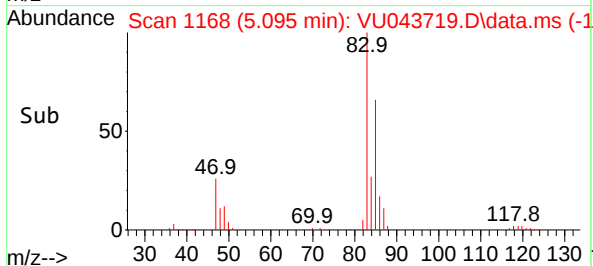
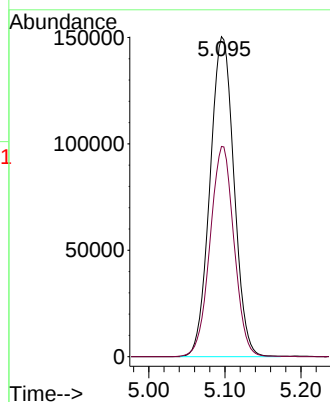
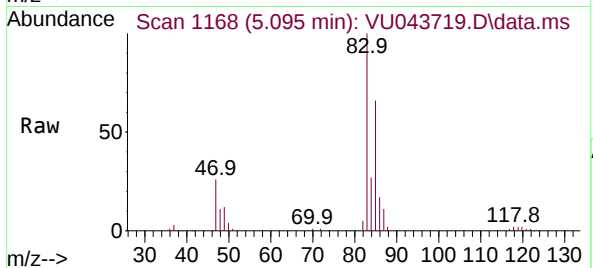
83 100

85 65.7 45.7 84.9

Instrument :

MSVOA_U

ClientSampleId :



#27

1,2-Dichloroethane

Concen: 47.91 ug/L

RT: 5.803 min Scan# 1388

Delta R.T. 0.003 min

Lab File: VU043719.D

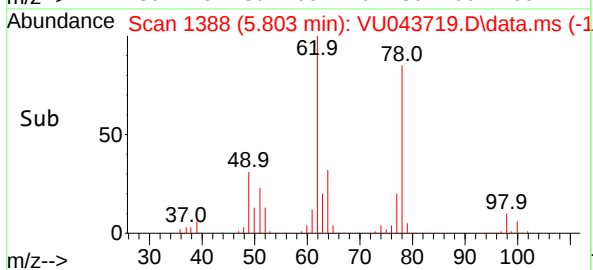
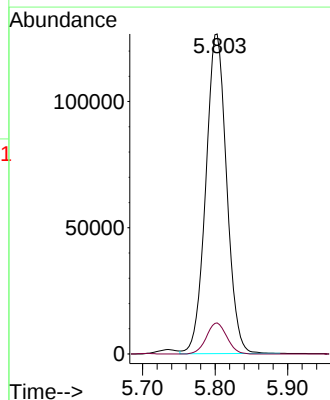
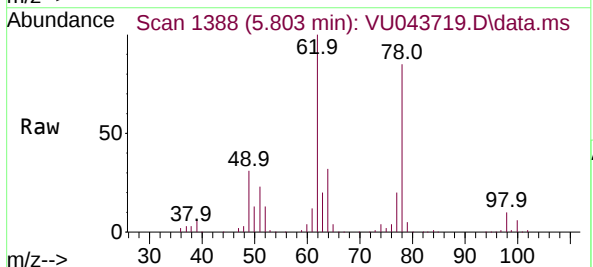
Acq: 13 May 2021 23:17

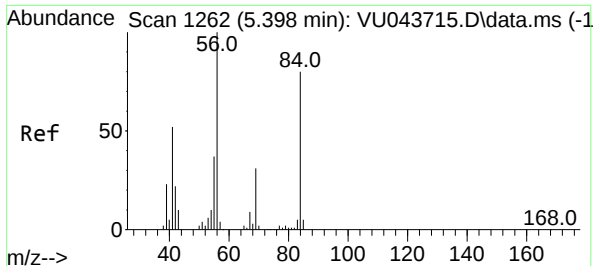
Tgt Ion: 62 Resp: 252713

Ion Ratio Lower Upper

62 100

98 9.7 7.6 11.4





#29

Cyclohexane

Concen: 50.58 ug/L

RT: 5.398 min Scan# 1262

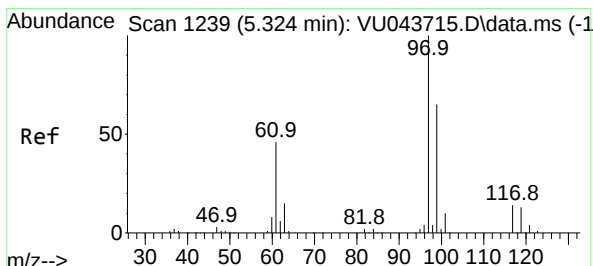
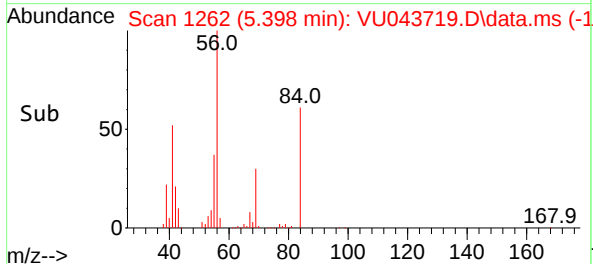
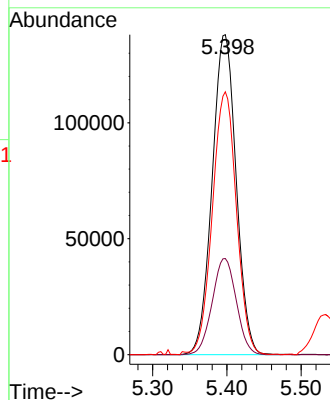
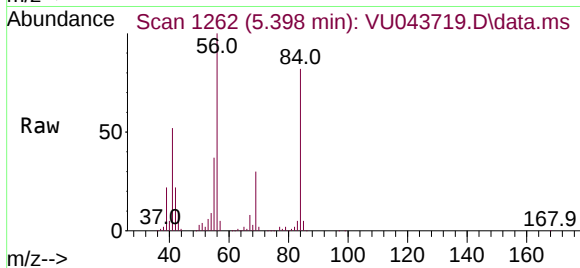
Delta R.T. -0.000 min

Lab File: VU043719.D

Acq: 13 May 2021 23:17

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion:	56	Resp:	310176
Ion Ratio	Lower	Upper	
56	100		
69	30.2	24.6	37.0
84	82.3	65.0	97.4



#30

1,1,1-Trichloroethane

Concen: 49.17 ug/L

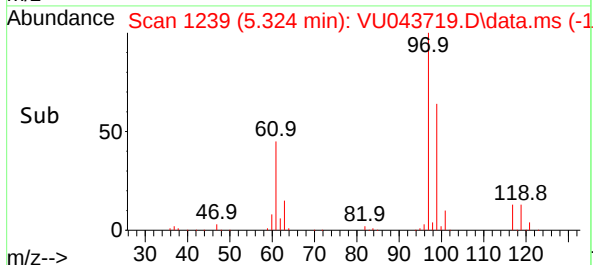
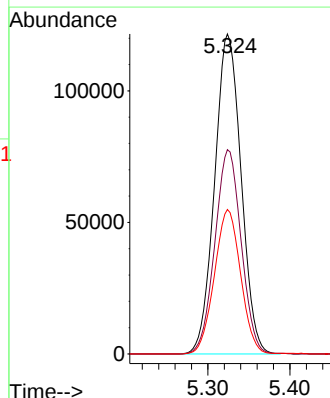
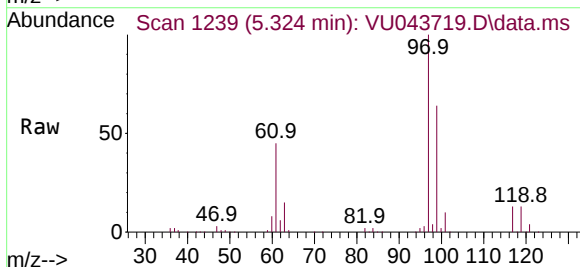
RT: 5.324 min Scan# 1239

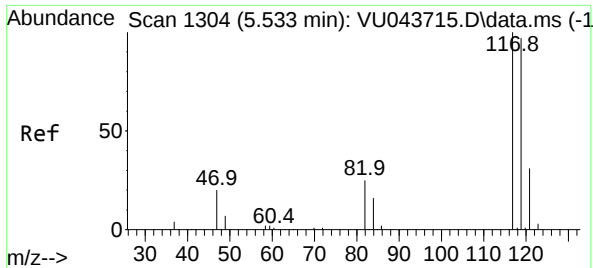
Delta R.T. -0.000 min

Lab File: VU043719.D

Acq: 13 May 2021 23:17

Tgt Ion:	97	Resp:	273083
Ion Ratio	Lower	Upper	
97	100		
99	63.4	51.7	77.5
61	44.7	36.9	55.3

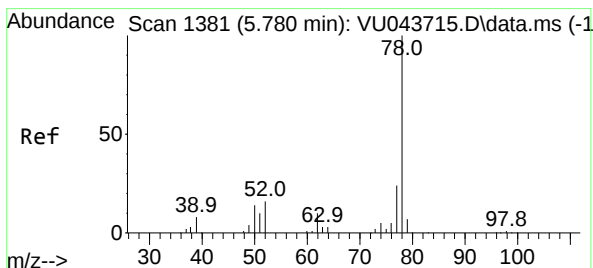
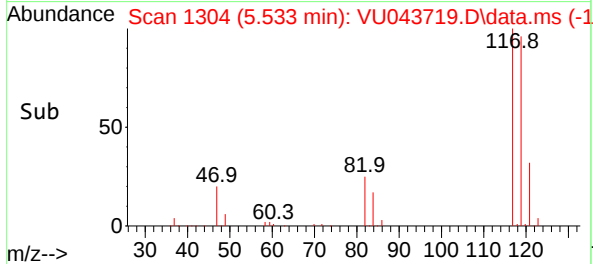
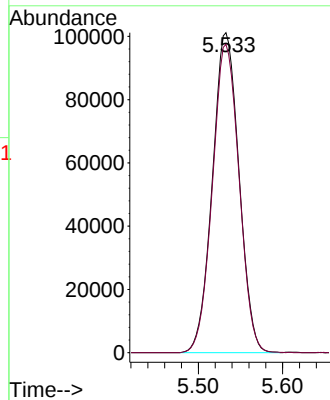
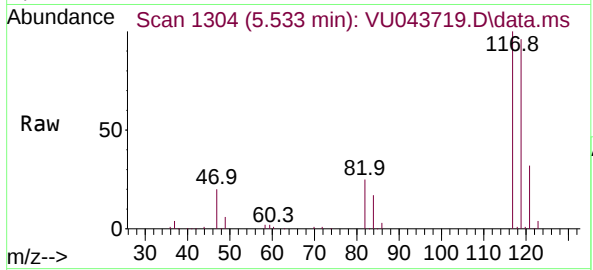




#31
Carbon tetrachloride
Concen: 48.61 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VU043719.D
Acq: 13 May 2021 23:17

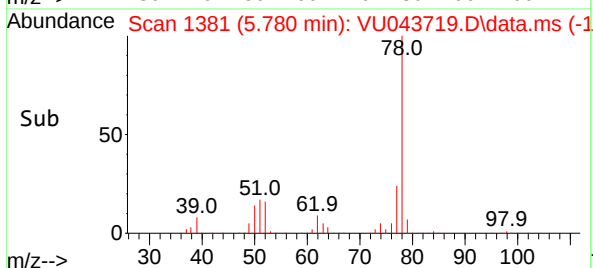
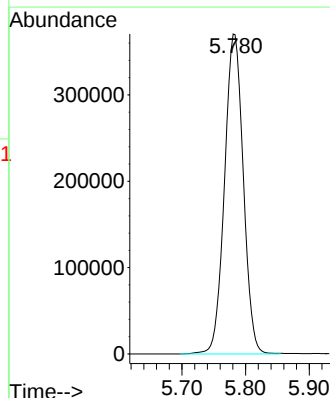
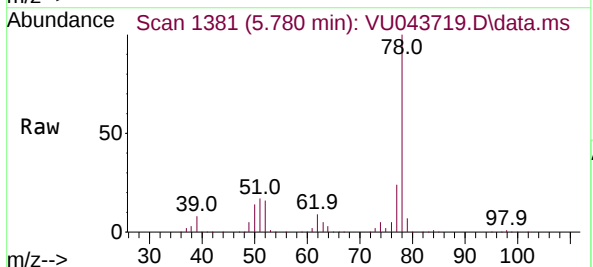
Instrument :
MSVOA_U
ClientSampled :

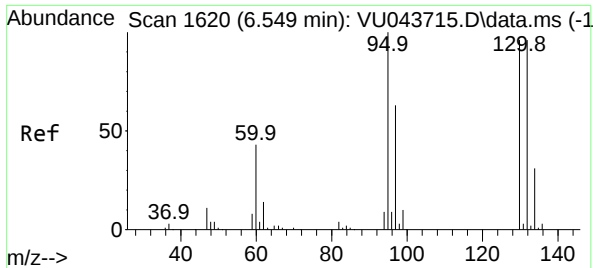
Tgt Ion:117 Resp: 221675
Ion Ratio Lower Upper
117 100
119 96.6 77.0 115.6



#33
Benzene
Concen: 48.81 ug/L
RT: 5.780 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VU043719.D
Acq: 13 May 2021 23:17

Tgt Ion: 78 Resp: 760293

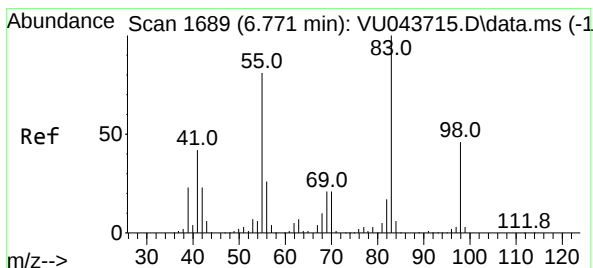
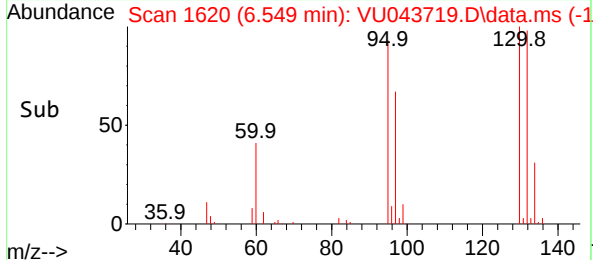
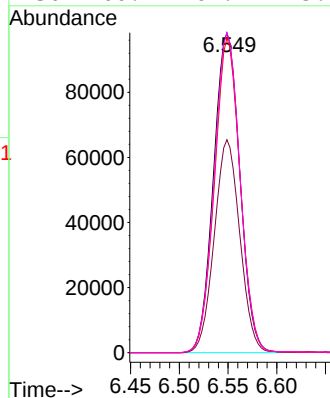
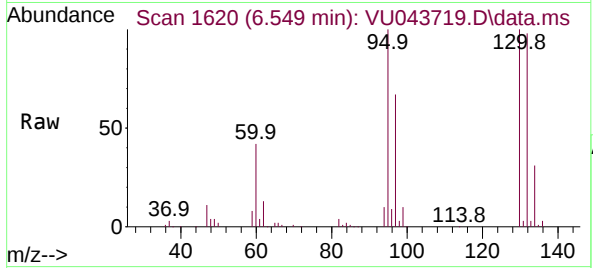




#34
Trichloroethene
Concen: 48.69 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VU043719.D
Acq: 13 May 2021 23:17

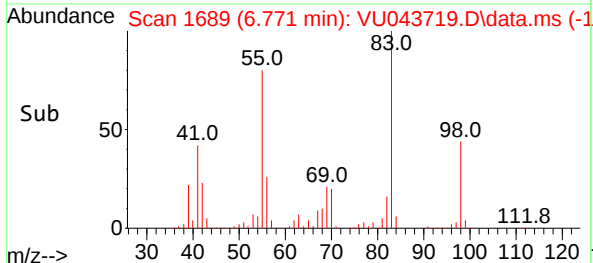
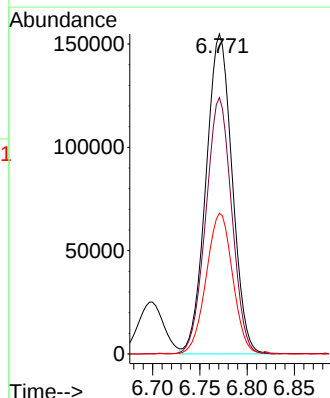
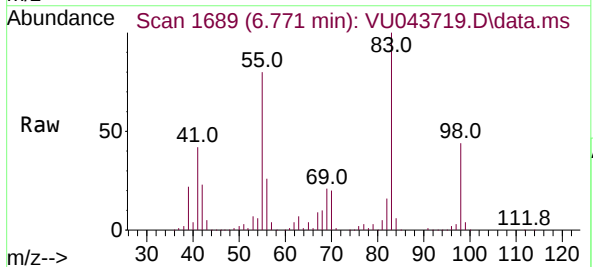
Instrument :
MSVOA_U
ClientSampleId :

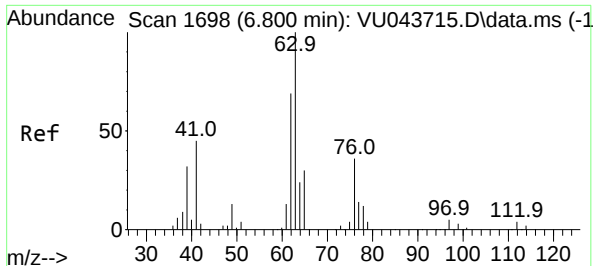
Tgt Ion: 95 Resp: 184464
Ion Ratio Lower Upper
95 100
97 66.6 44.2 82.2
132 98.4 66.8 124.2
130 100.1 67.4 125.2



#35
Methylcyclohexane
Concen: 49.79 ug/L
RT: 6.771 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VU043719.D
Acq: 13 May 2021 23:17

Tgt Ion: 83 Resp: 298174
Ion Ratio Lower Upper
83 100
55 79.5 63.8 95.6
98 44.4 36.2 54.2



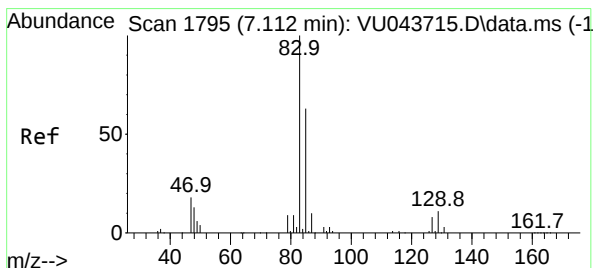
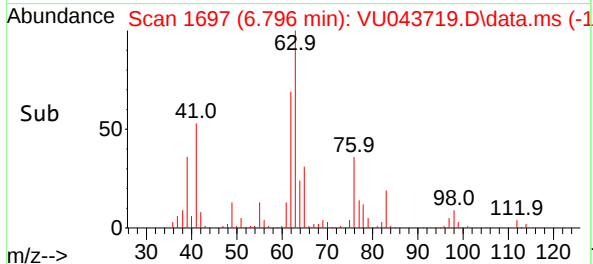
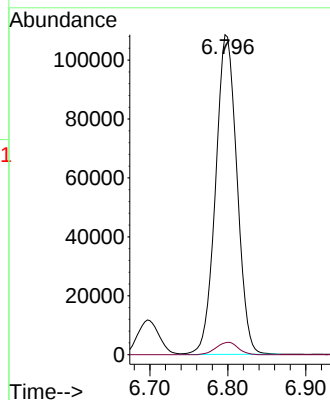
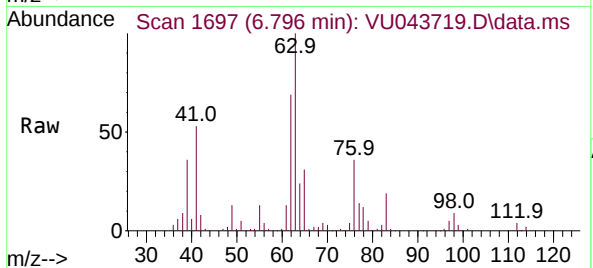


#37

1,2-Dichloropropane
Concen: 48.56 ug/L
RT: 6.796 min Scan# 1697
Delta R.T. -0.003 min
Lab File: VU043719.D
Acq: 13 May 2021 23:17

Instrument :
MSVOA_U
ClientSampleId :

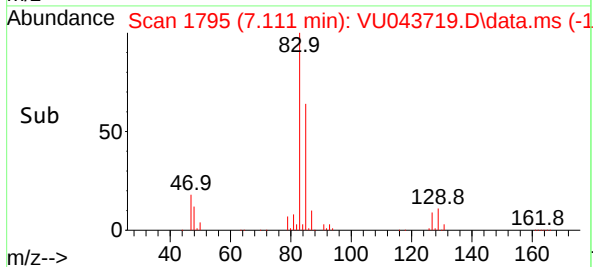
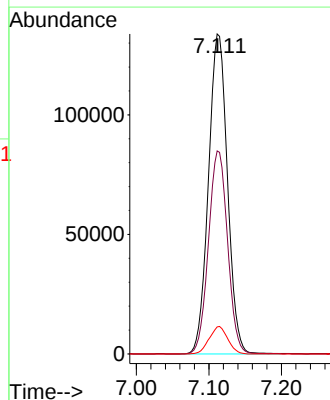
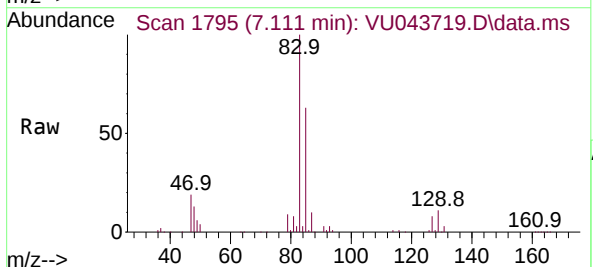
Tgt Ion: 63 Resp: 206557
Ion Ratio Lower Upper
63 100
112 4.0 3.0 4.4

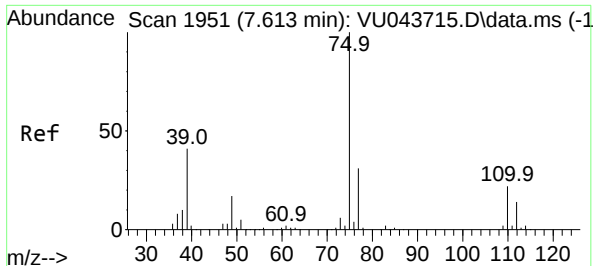


#38

Bromodichloromethane
Concen: 48.43 ug/L
RT: 7.111 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VU043719.D
Acq: 13 May 2021 23:17

Tgt Ion: 83 Resp: 243929
Ion Ratio Lower Upper
83 100
85 63.4 44.3 82.3
127 8.4 6.6 9.8



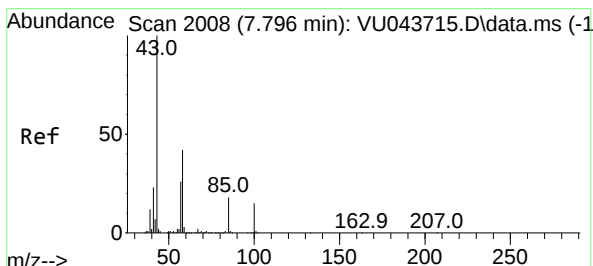
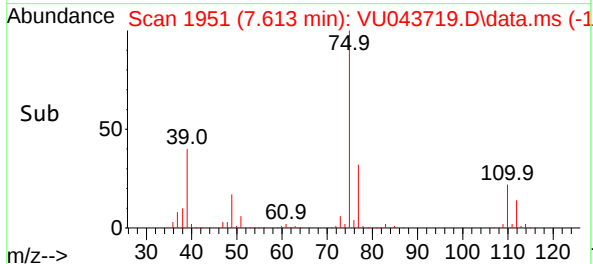
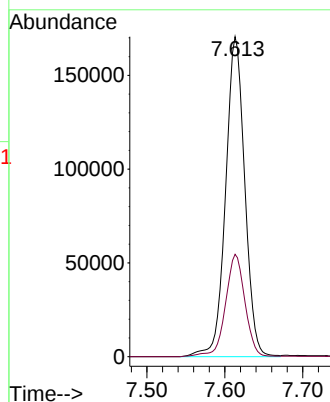
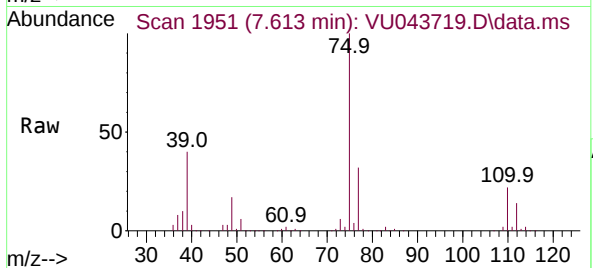


#39

cis-1,3-Dichloropropene
Concen: 50.13 ug/L
RT: 7.613 min Scan# 1951
Delta R.T. -0.000 min
Lab File: VU043719.D
Acq: 13 May 2021 23:17

Instrument :
MSVOA_U
ClientSampleId :

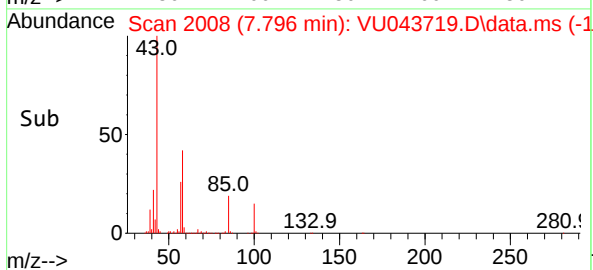
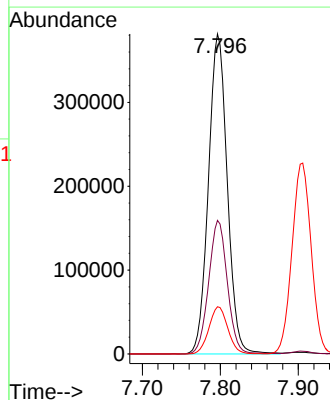
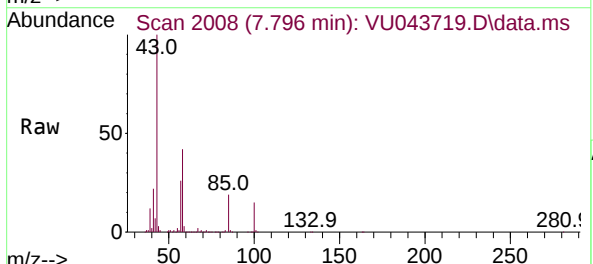
Tgt Ion: 75 Resp: 291286
Ion Ratio Lower Upper
75 100
77 32.0 22.0 41.0

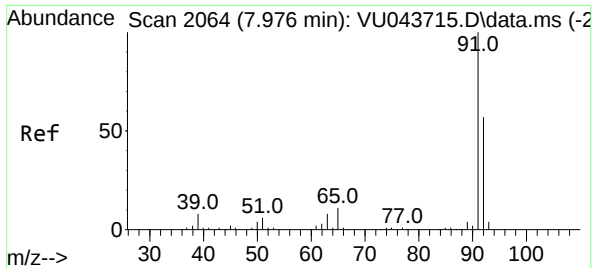


#40

4-Methyl-2-pentanone
Concen: 100.09 ug/L
RT: 7.796 min Scan# 2008
Delta R.T. -0.000 min
Lab File: VU043719.D
Acq: 13 May 2021 23:17

Tgt Ion: 43 Resp: 640804
Ion Ratio Lower Upper
43 100
58 41.5 33.4 50.0
100 14.8 12.2 18.2

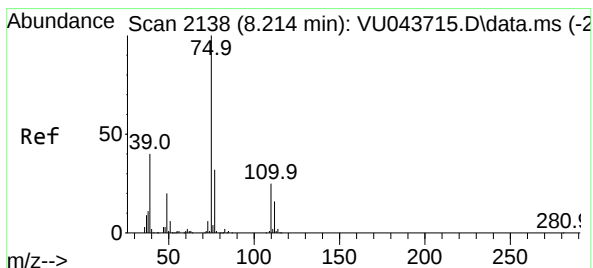
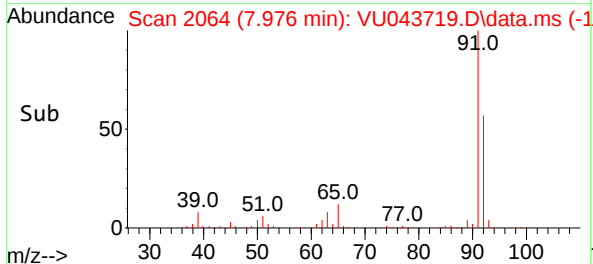
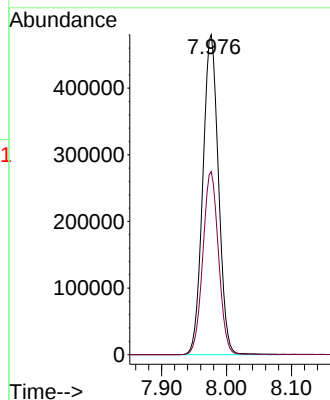
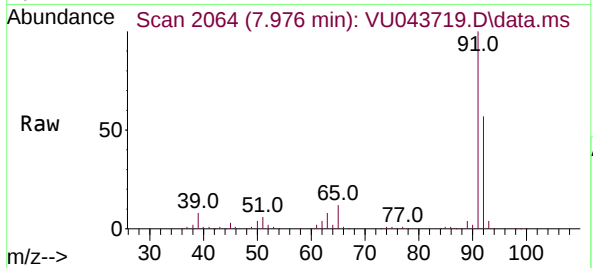




#42
Toluene
Concen: 49.57 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU043719.D
Acq: 13 May 2021 23:17

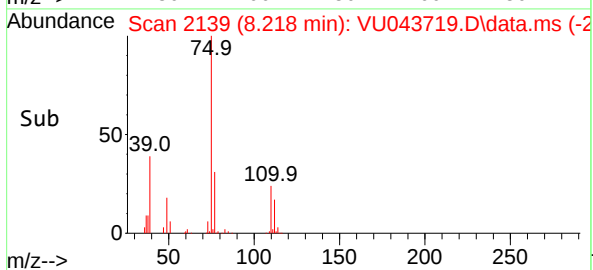
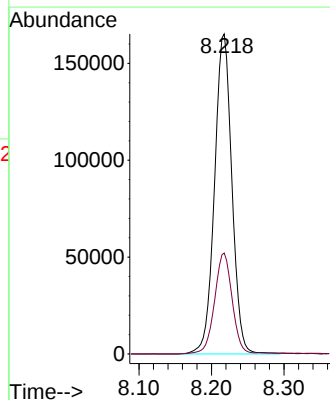
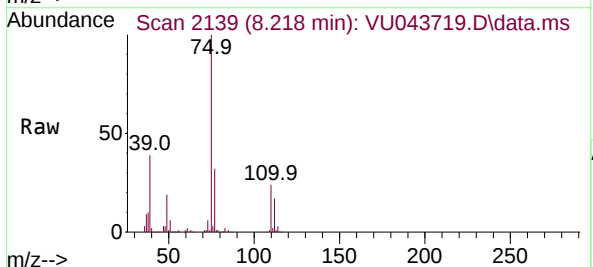
Instrument :
MSVOA_U
ClientSampled :

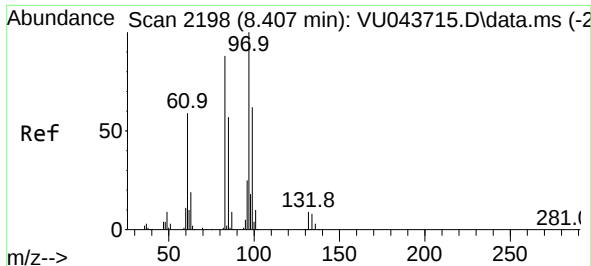
Tgt Ion: 91 Resp: 807009
Ion Ratio Lower Upper
91 100
92 57.2 39.7 73.7



#44
trans-1,3-Dichloropropene
Concen: 50.34 ug/L
RT: 8.218 min Scan# 2139
Delta R.T. 0.003 min
Lab File: VU043719.D
Acq: 13 May 2021 23:17

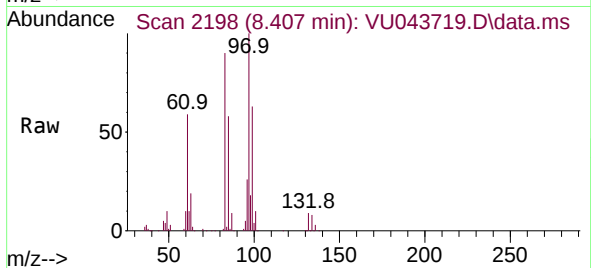
Tgt Ion: 75 Resp: 275081
Ion Ratio Lower Upper
75 100
77 31.6 22.4 41.6





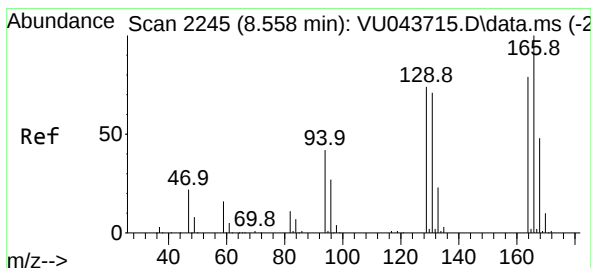
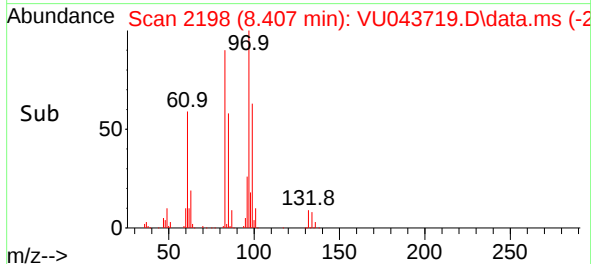
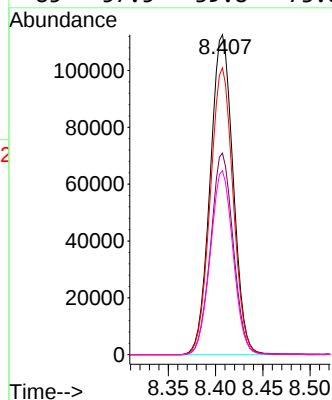
#45
1,1,2-Trichloroethane
Concen: 48.62 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. -0.000 min
Lab File: VU043719.D
Acq: 13 May 2021 23:17

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 97 Resp: 190508

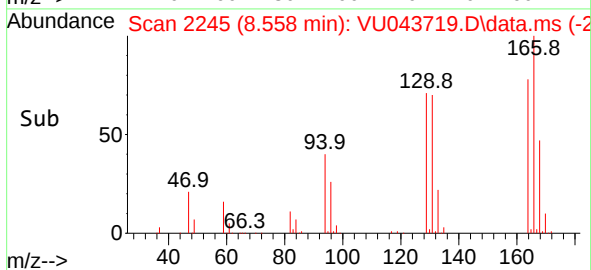
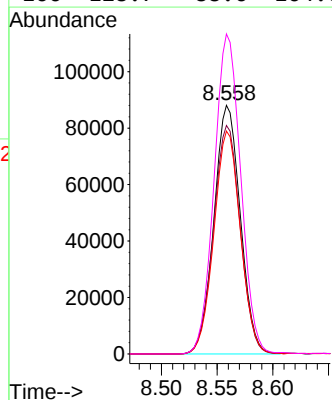
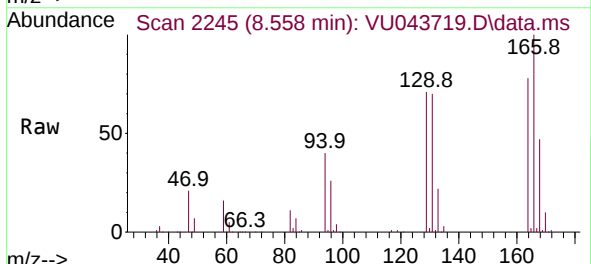
Ion	Ratio	Lower	Upper
97	100		
99	63.0	43.2	80.2
83	89.7	61.7	114.5
85	57.5	39.8	73.8

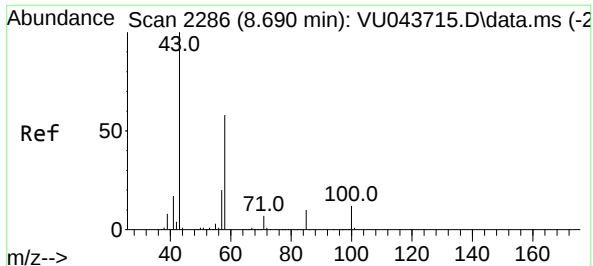


#46
Tetrachloroethene
Concen: 48.75 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.000 min
Lab File: VU043719.D
Acq: 13 May 2021 23:17

Tgt Ion: 164 Resp: 145292

Ion	Ratio	Lower	Upper
164	100		
129	91.9	65.5	121.6
131	89.6	63.0	117.0
166	128.7	88.6	164.6

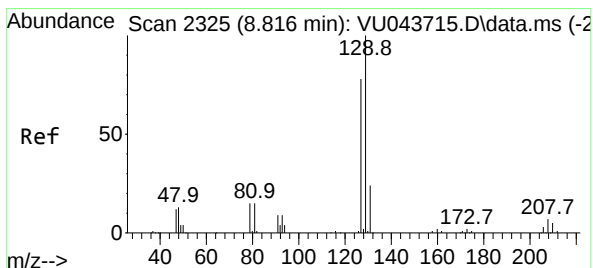
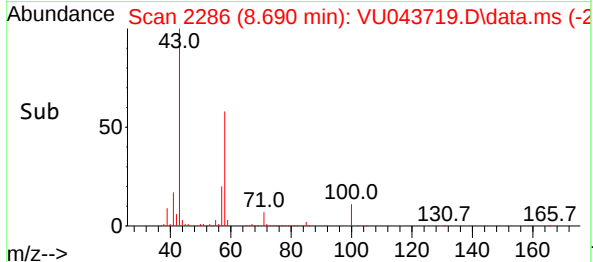
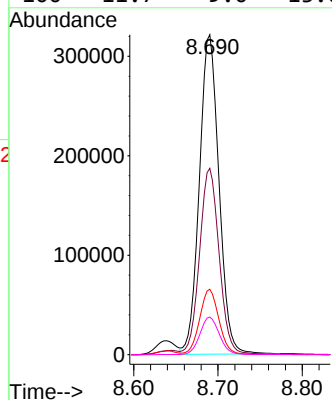
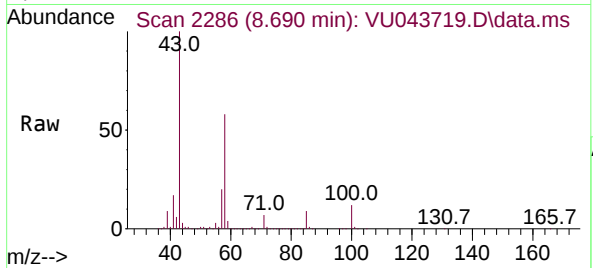




#48
2-Hexanone
Concen: 101.28 ug/L
RT: 8.690 min Scan# 2286
Delta R.T. -0.000 min
Lab File: VU043719.D
Acq: 13 May 2021 23:17

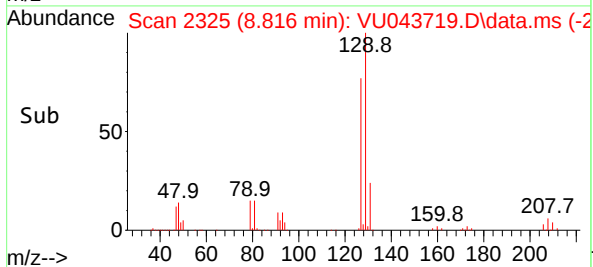
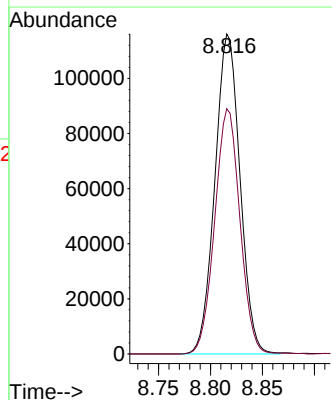
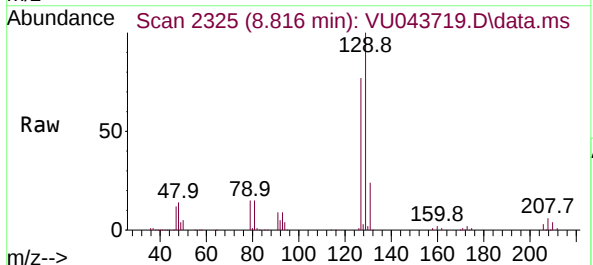
Instrument :
MSVOA_U
ClientSampleId :

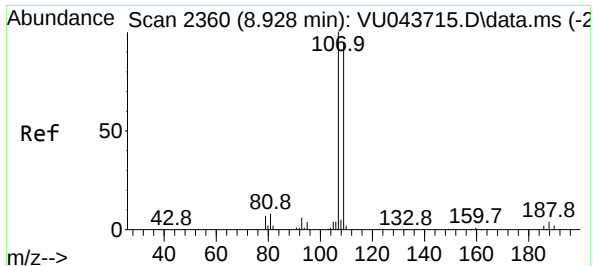
Tgt Ion: 43 Resp: 520689
Ion Ratio Lower Upper
43 100
58 57.9 46.2 69.2
57 20.4 15.9 23.9
100 11.7 9.0 13.6



#49
Dibromochloromethane
Concen: 48.58 ug/L
RT: 8.816 min Scan# 2325
Delta R.T. -0.000 min
Lab File: VU043719.D
Acq: 13 May 2021 23:17

Tgt Ion:129 Resp: 195288
Ion Ratio Lower Upper
129 100
127 76.7 54.5 101.1





#50

1,2-Dibromoethane

Concen: 48.87 ug/L

RT: 8.931 min Scan# 2361

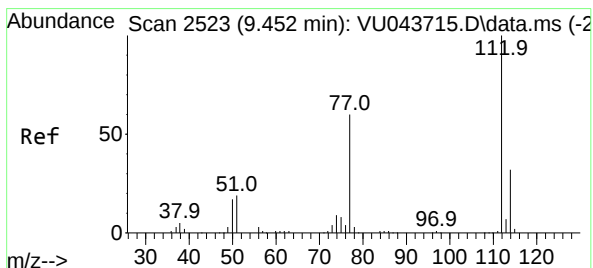
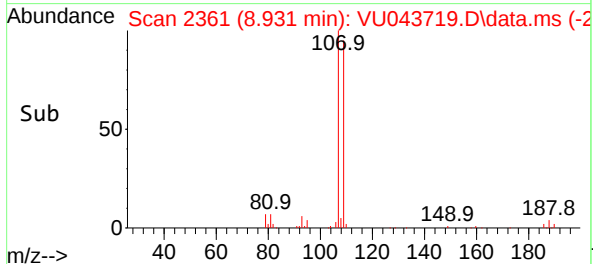
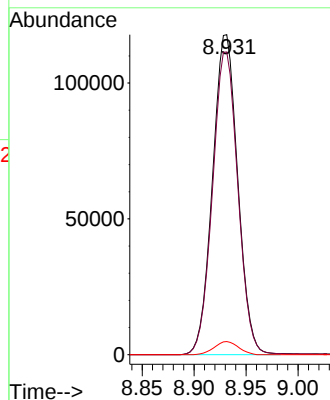
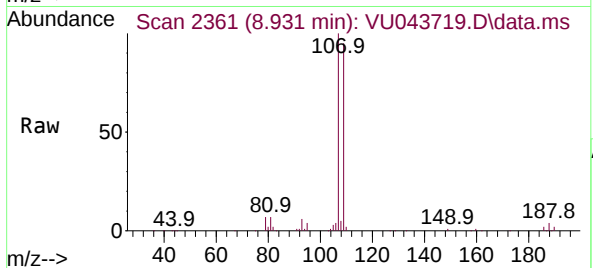
Delta R.T. 0.003 min

Lab File: VU043719.D

Acq: 13 May 2021 23:17

Tgt Ion:	107	Resp:	198947
Ion Ratio	Lower	Upper	
107	100		
109	94.6	66.5	123.5
188	4.2	3.2	4.8

Instrument :
MSVOA_U
ClientSampleId :



#51

Chlorobenzene

Concen: 48.11 ug/L

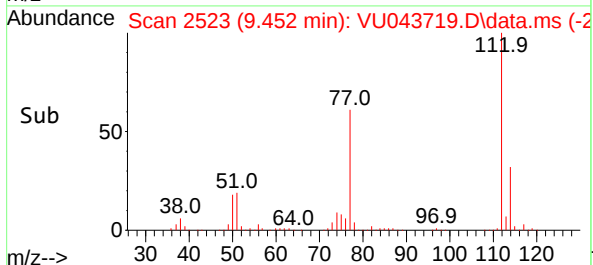
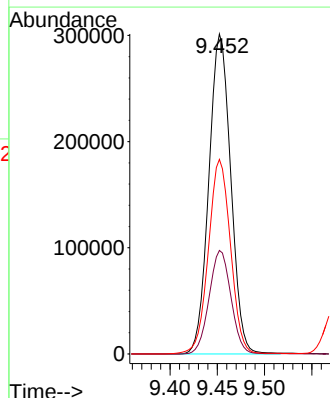
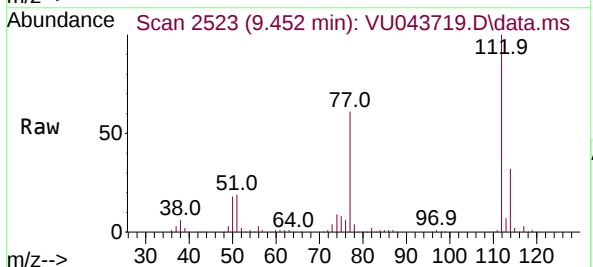
RT: 9.452 min Scan# 2523

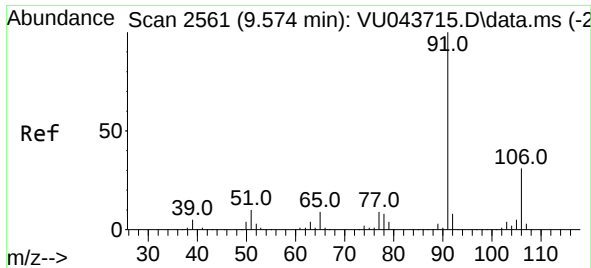
Delta R.T. -0.000 min

Lab File: VU043719.D

Acq: 13 May 2021 23:17

Tgt Ion:	112	Resp:	485086
Ion Ratio	Lower	Upper	
112	100		
114	32.4	22.7	42.1
77	60.8	48.5	72.7

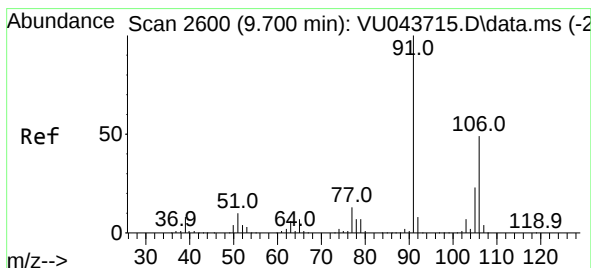
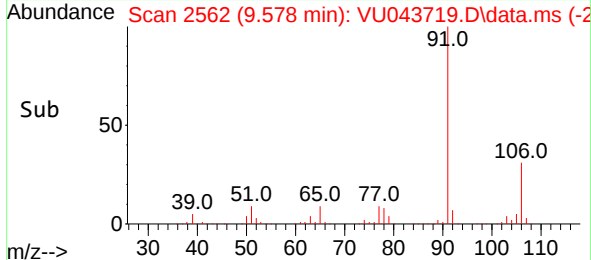
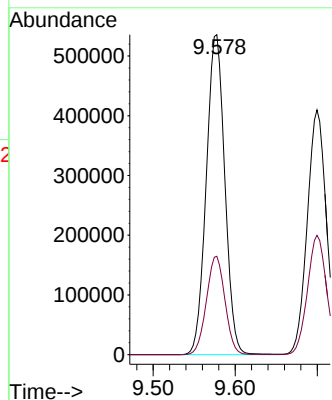
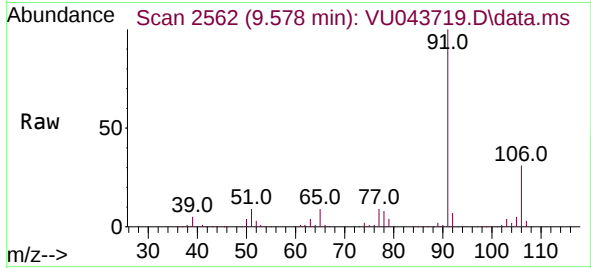




#52
Ethylbenzene
Concen: 50.26 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. 0.003 min
Lab File: VU043719.D
Acq: 13 May 2021 23:17

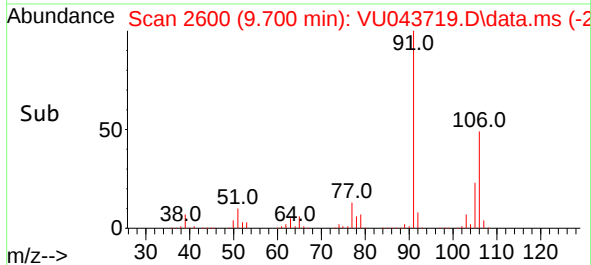
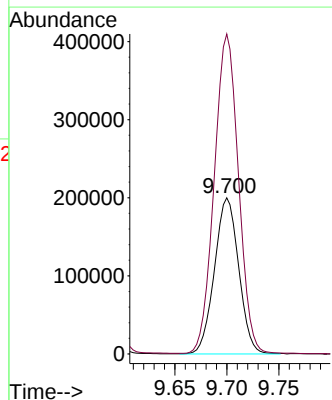
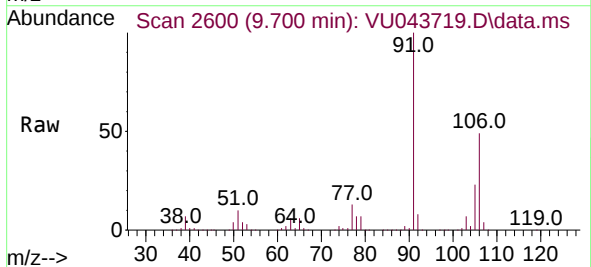
Instrument :
MSVOA_U
ClientSampled :

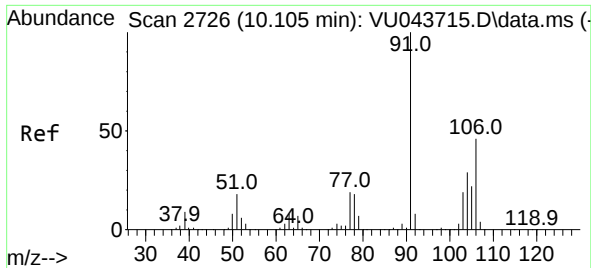
Tgt Ion: 91 Resp: 844678
Ion Ratio Lower Upper
91 100
106 30.8 21.6 40.2



#53
m,p-Xylene
Concen: 51.00 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. -0.000 min
Lab File: VU043719.D
Acq: 13 May 2021 23:17

Tgt Ion: 106 Resp: 324520
Ion Ratio Lower Upper
106 100
91 205.0 142.9 265.5

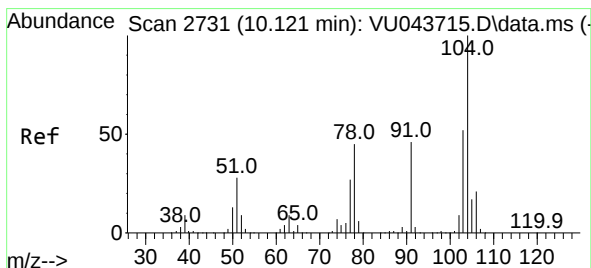
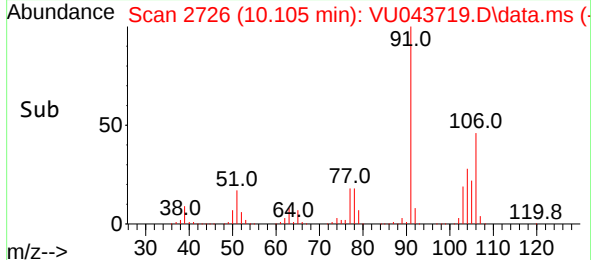
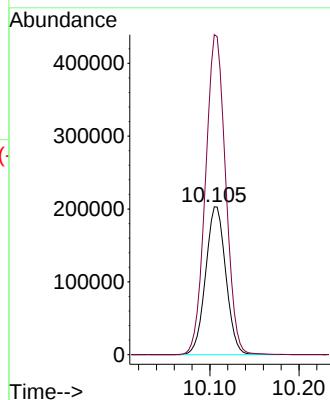
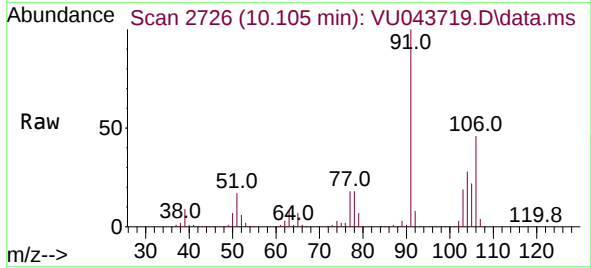




#54
o-xylene
Concen: 50.73 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. -0.000 min
Lab File: VU043719.D
Acq: 13 May 2021 23:17

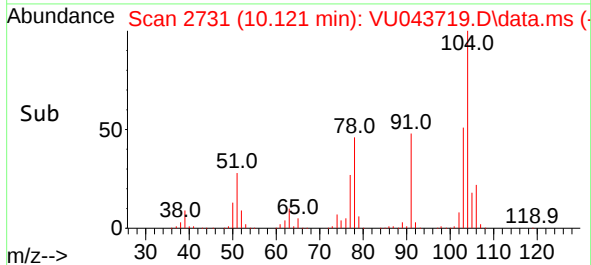
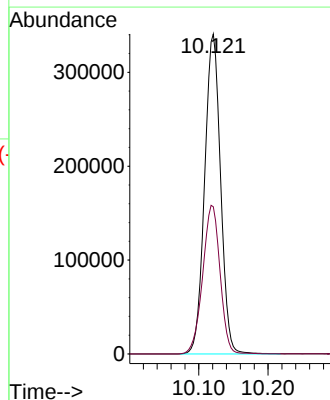
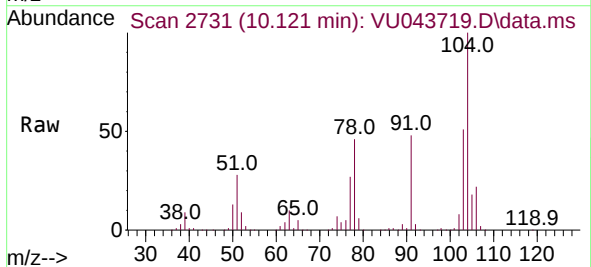
Instrument :
MSVOA_U
ClientSampled :

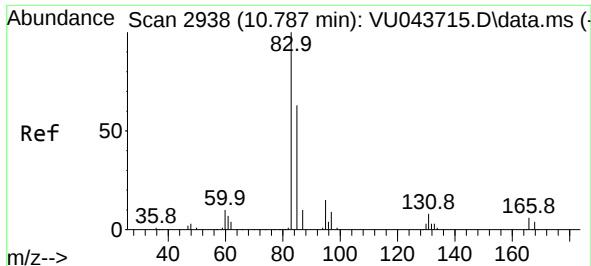
Tgt Ion:106 Resp: 319415
Ion Ratio Lower Upper
106 100
91 216.3 151.6 281.6



#55
Styrene
Concen: 51.33 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. -0.000 min
Lab File: VU043719.D
Acq: 13 May 2021 23:17

Tgt Ion:104 Resp: 544950
Ion Ratio Lower Upper
104 100
78 46.0 31.8 59.0

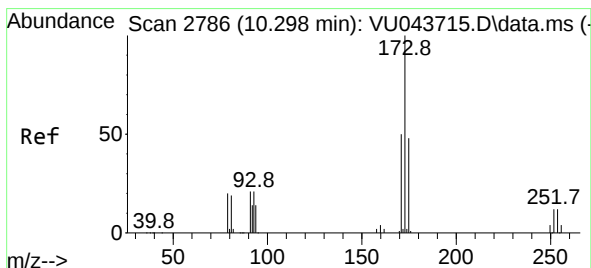
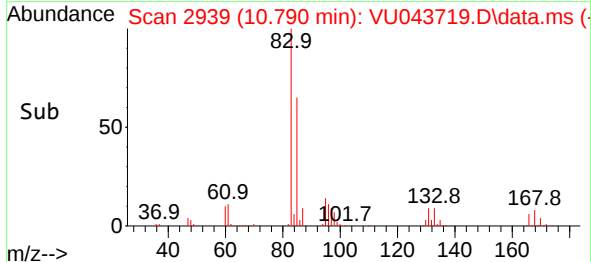
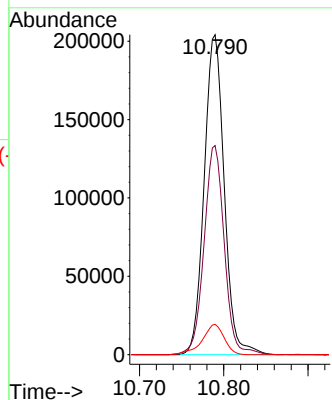
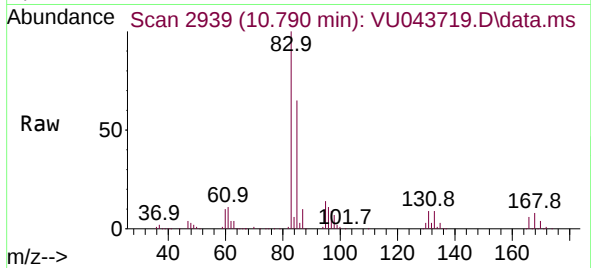




#57
1,1,2,2-Tetrachloroethane
Concen: 47.32 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. 0.003 min
Lab File: VU043719.D
Acq: 13 May 2021 23:17

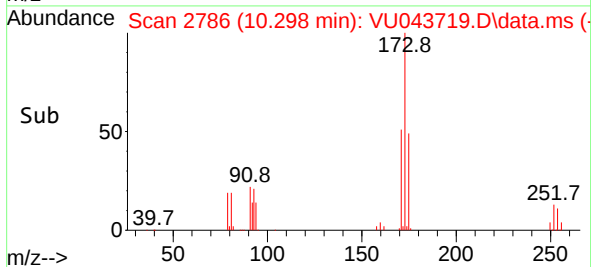
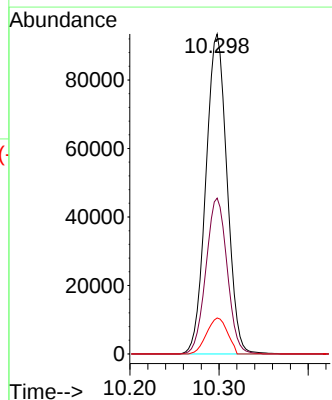
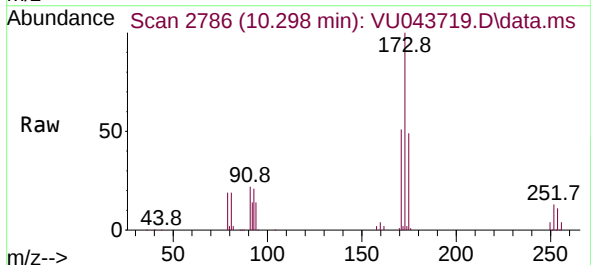
Instrument :
MSVOA_U
ClientSampleId :

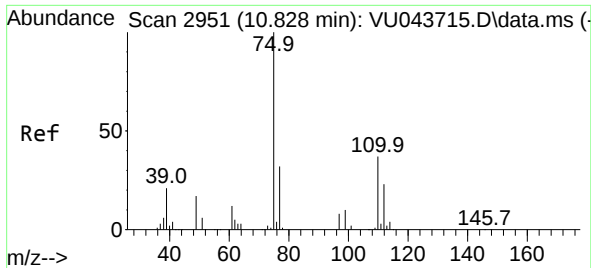
Tgt Ion: 83 Resp: 338000
Ion Ratio Lower Upper
83 100
85 65.4 44.5 82.7
131 9.5 7.4 11.2



#59
Bromoform
Concen: 48.25 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. -0.000 min
Lab File: VU043719.D
Acq: 13 May 2021 23:17

Tgt Ion:173 Resp: 153671
Ion Ratio Lower Upper
173 100
175 48.9 38.6 57.8
254 11.1 6.8 10.2#

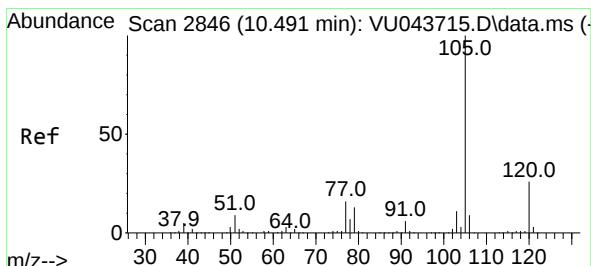
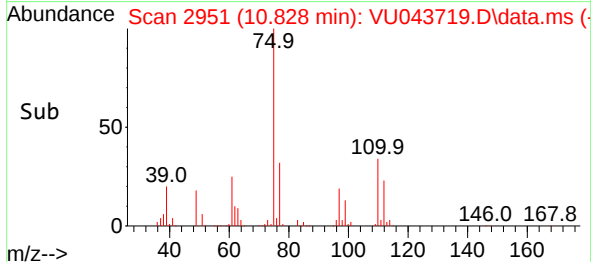
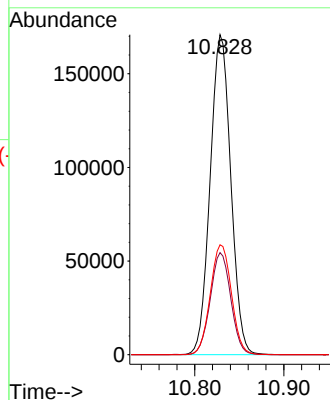
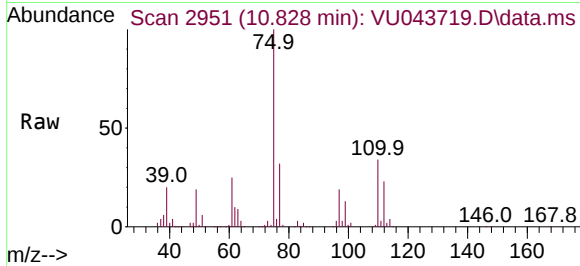




#60
1,2,3-Trichloropropane
Concen: 48.36 ug/L
RT: 10.828 min Scan# 2951
Delta R.T. -0.000 min
Lab File: VU043719.D
Acq: 13 May 2021 23:17

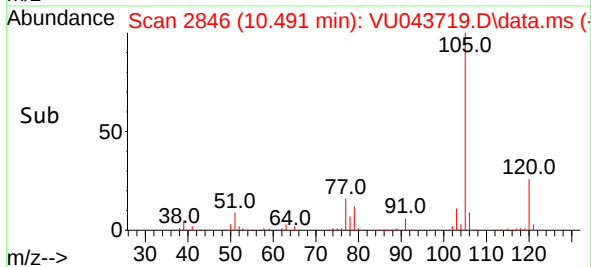
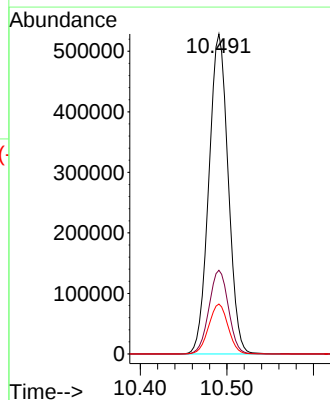
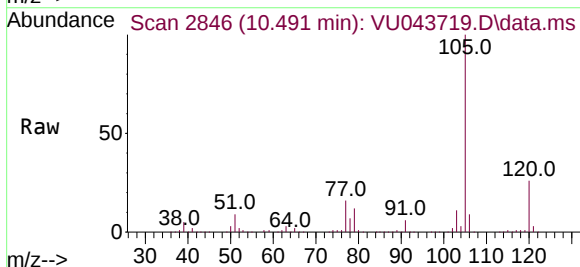
Instrument :
MSVOA_U
ClientSampleId :

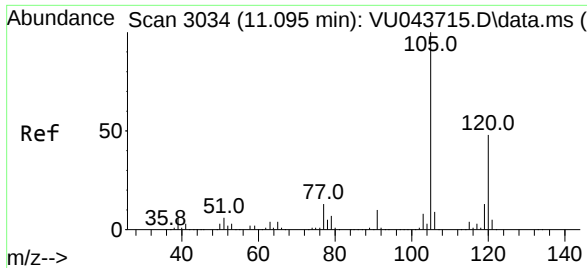
Tgt Ion:	75	Resp:	275043
Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.8	38.6
110	35.1	28.9	43.3



#61
Isopropylbenzene
Concen: 51.37 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. -0.000 min
Lab File: VU043719.D
Acq: 13 May 2021 23:17

Tgt Ion:	105	Resp:	817740
Ion	Ratio	Lower	Upper
105	100		
120	26.4	21.0	31.4
77	15.7	12.5	18.7

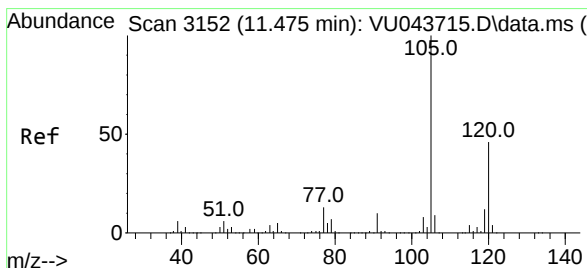
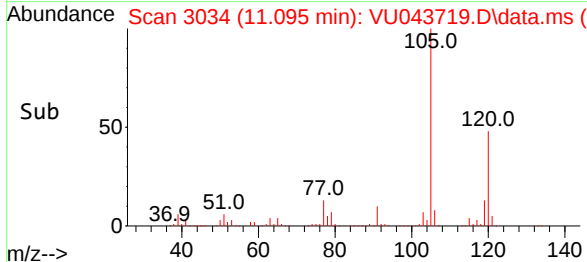
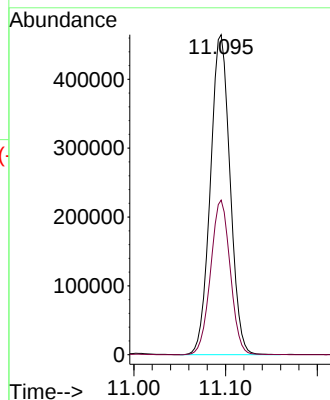
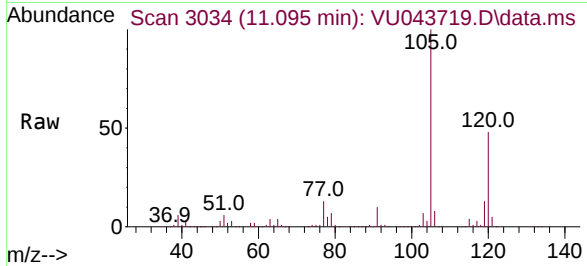




#62
1,3,5-Trimethylbenzene
Concen: 52.39 ug/L
RT: 11.095 min Scan# 3034
Delta R.T. -0.000 min
Lab File: VU043719.D
Acq: 13 May 2021 23:17

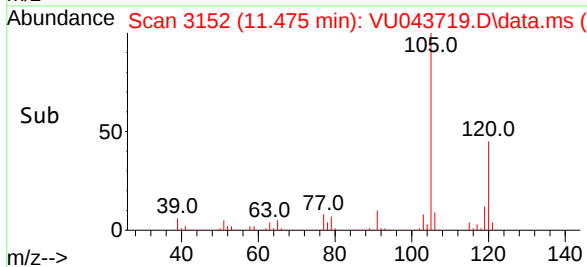
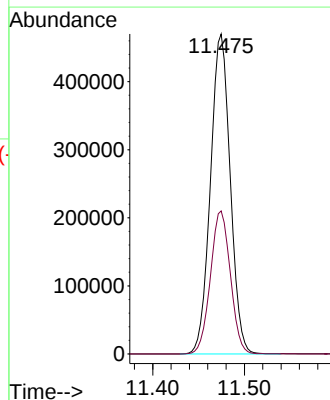
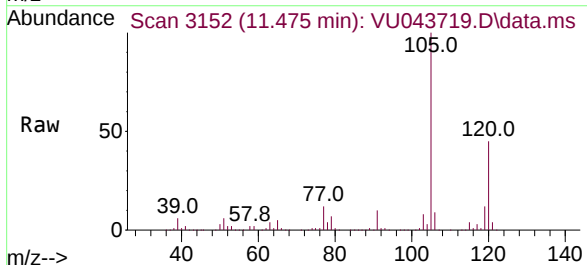
Instrument :
MSVOA_U
ClientSampleId :

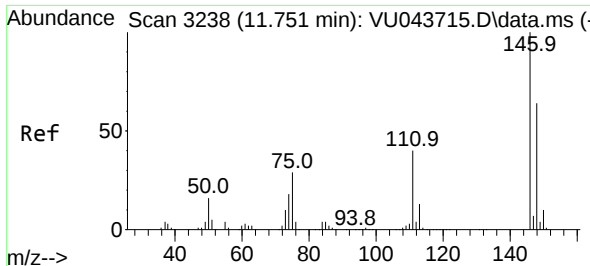
Tgt Ion:105 Resp: 692499
Ion Ratio Lower Upper
105 100
120 48.1 38.7 58.1



#63
1,2,4-Trimethylbenzene
Concen: 53.02 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VU043719.D
Acq: 13 May 2021 23:17

Tgt Ion:105 Resp: 703754
Ion Ratio Lower Upper
105 100
120 45.1 36.2 54.2

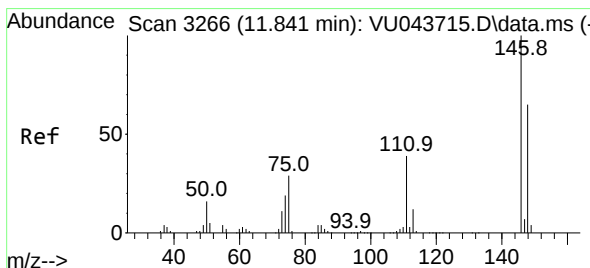
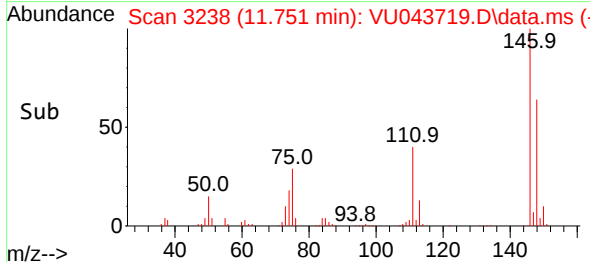
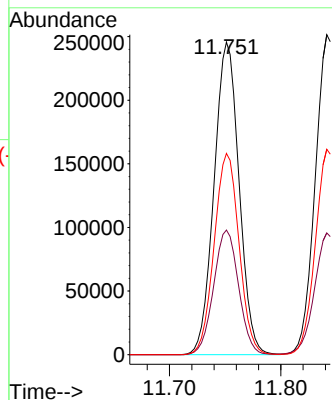
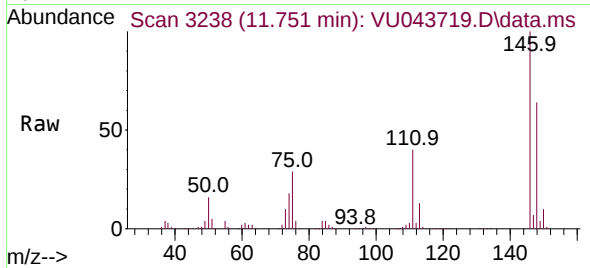




#64
1,3-Dichlorobenzene
Concen: 49.43 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. -0.000 min
Lab File: VU043719.D
Acq: 13 May 2021 23:17

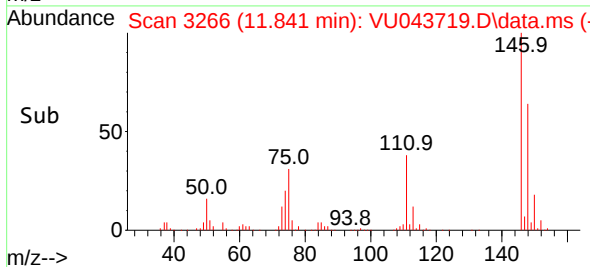
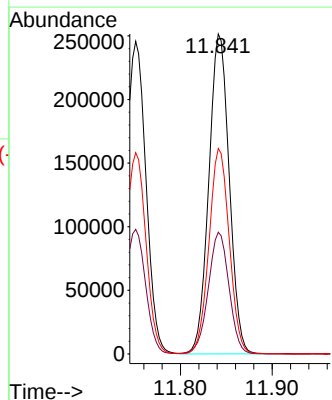
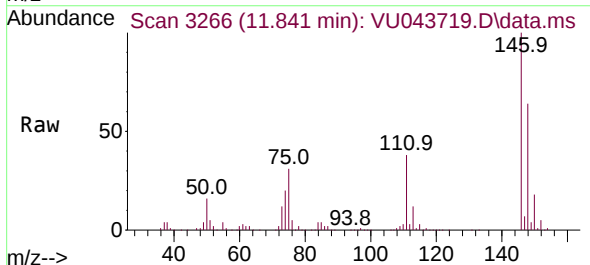
Instrument :
MSVOA_U
ClientSampleId :

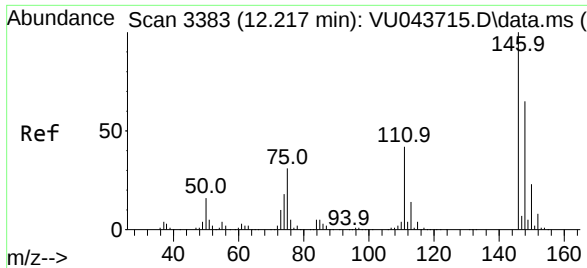
Tgt Ion:146 Resp: 382613
Ion Ratio Lower Upper
146 100
111 39.9 27.8 51.6
148 64.4 44.9 83.3



#65
1,4-Dichlorobenzene
Concen: 49.13 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. -0.000 min
Lab File: VU043719.D
Acq: 13 May 2021 23:17

Tgt Ion:146 Resp: 387948
Ion Ratio Lower Upper
146 100
111 38.1 27.1 50.3
148 64.2 45.4 84.4

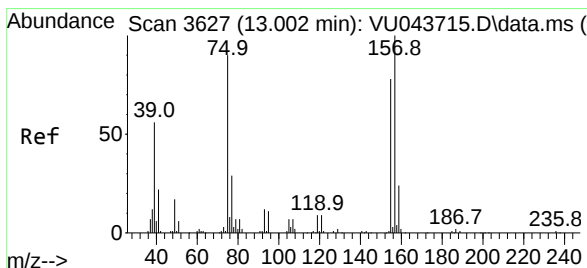
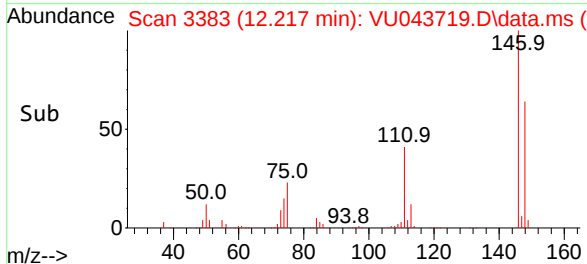
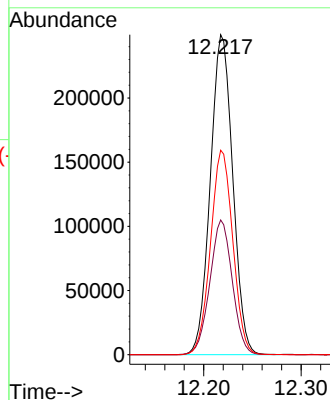
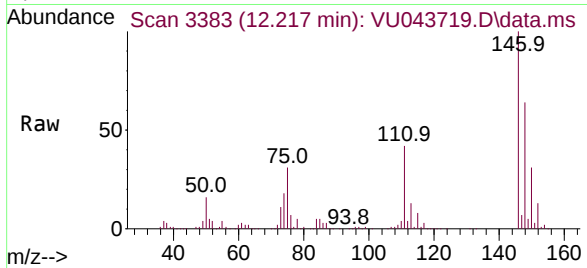




#67
1,2-Dichlorobenzene
Concen: 49.48 ug/L
RT: 12.217 min Scan# 3383
Delta R.T. -0.000 min
Lab File: VU043719.D
Acq: 13 May 2021 23:17

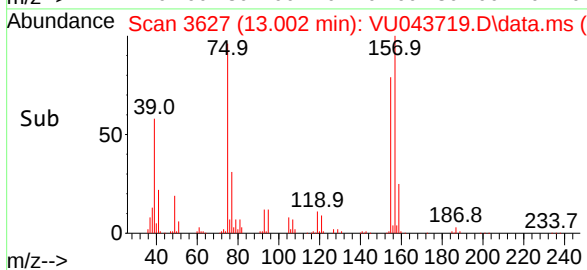
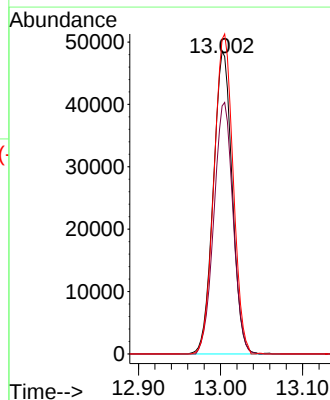
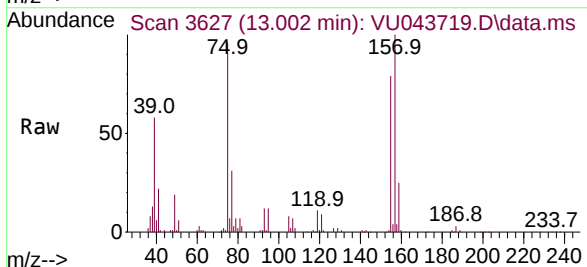
Instrument :
MSVOA_U
ClientSampleId :

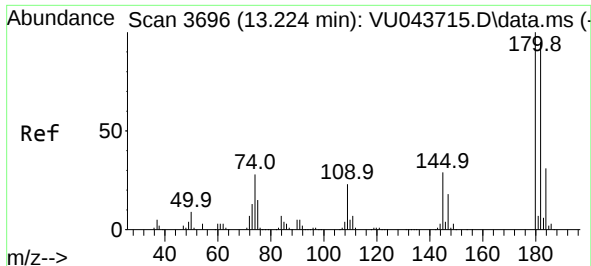
Tgt Ion:146 Resp: 398974
Ion Ratio Lower Upper
146 100
111 42.1 33.5 50.3
148 63.9 51.7 77.5



#68
1,2-Dibromo-3-chloropropane
Concen: 49.97 ug/L
RT: 13.002 min Scan# 3627
Delta R.T. -0.000 min
Lab File: VU043719.D
Acq: 13 May 2021 23:17

Tgt Ion: 75 Resp: 77806
Ion Ratio Lower Upper
75 100
155 81.9 72.5 108.7
157 107.7 92.3 138.5

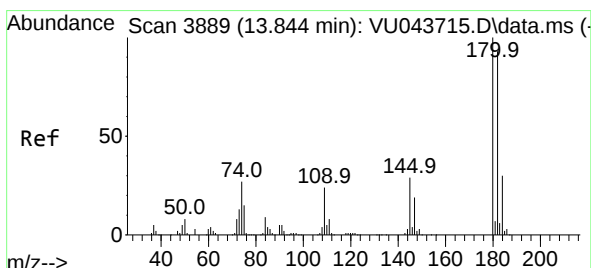
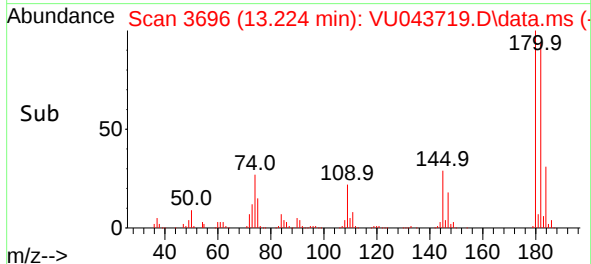
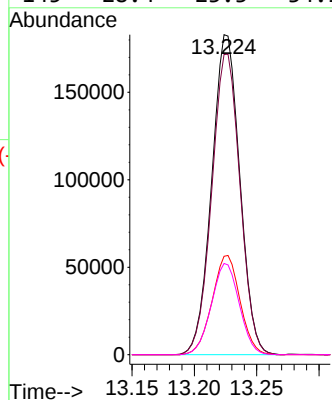
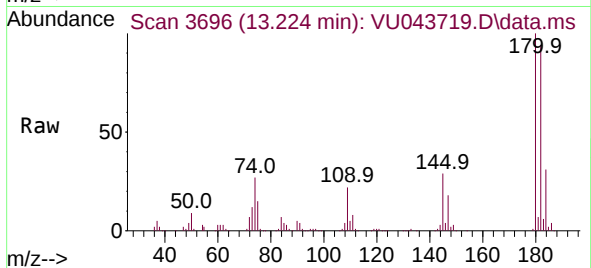




#69
1,3,5-Trichlorobenzene
Concen: 49.94 ug/L
RT: 13.224 min Scan# 3696
Delta R.T. -0.000 min
Lab File: VU043719.D
Acq: 13 May 2021 23:17

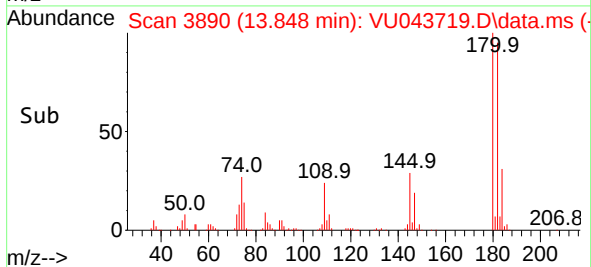
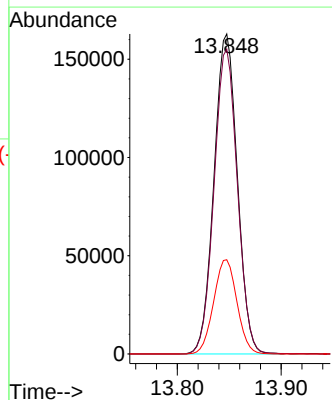
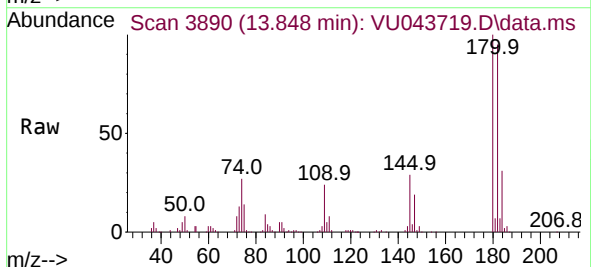
Instrument :
MSVOA_U
ClientSampleId :

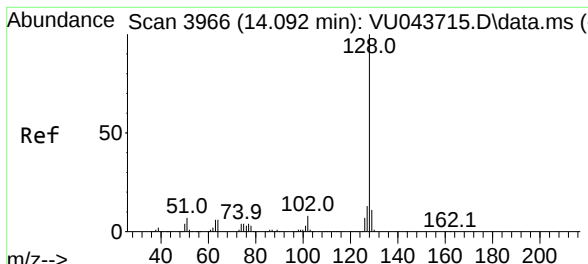
Tgt Ion:	180	Resp:	286497
Ion Ratio	Lower	Upper	
180	100		
182	94.8	76.4	114.6
184	30.9	25.0	37.4
145	28.4	23.3	34.9



#70
1,2,4-trichlorobenzene
Concen: 51.85 ug/L
RT: 13.848 min Scan# 3890
Delta R.T. 0.003 min
Lab File: VU043719.D
Acq: 13 May 2021 23:17

Tgt Ion:	180	Resp:	254104
Ion Ratio	Lower	Upper	
180	100		
182	95.4	75.9	113.9
145	29.4	23.4	35.0

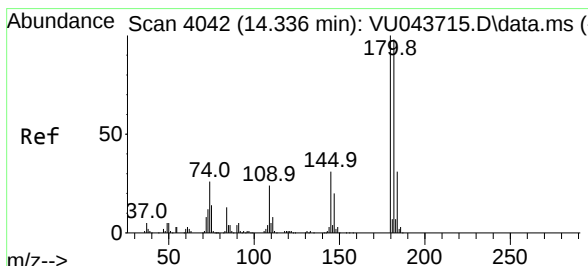
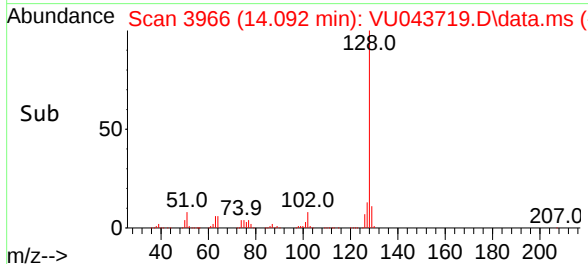
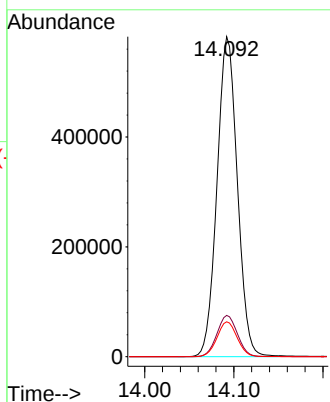
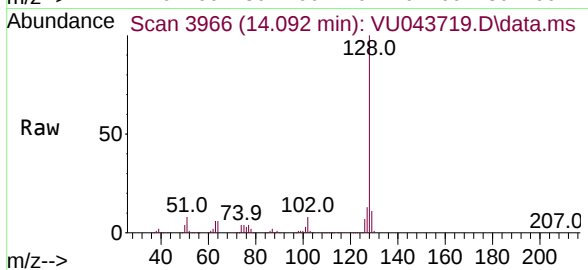




#71
Naphthalene
Concen: 56.49 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. -0.000 min
Lab File: VU043719.D
Acq: 13 May 2021 23:17

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion:	128	Resp:	923673
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.4	15.6
129	10.8	8.6	13.0



#72
1,2,3-Trichlorobenzene
Concen: 53.52 ug/L
RT: 14.336 min Scan# 4042
Delta R.T. -0.000 min
Lab File: VU043719.D
Acq: 13 May 2021 23:17

Tgt Ion:	180	Resp:	276145
Ion Ratio	Lower	Upper	
180	100		
182	95.4	76.9	115.3
145	30.7	24.9	37.3

