

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051421\
 Data File : VU043738.D
 Acq On : 14 May 2021 06:55
 Operator : SY/MD
 Sample : M2395-06MSD
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 14 08:03:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051421WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 14 04:42:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	410620	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	400500	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	210741	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	173056	50.90	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 101.80%			
7) Chloroethane-d5	1.909	69	128356	52.50	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 105.00%			
11) 1,1-Dichloroethene-d2	2.575	63	303794	52.49	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 104.98%			
21) 2-Butanone-d5	4.626	46	297961	112.04	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 112.04%			
24) Chloroform-d	5.073	84	317592	55.05	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 110.10%			
26) 1,2-Dichloroethane-d4	5.710	65	194437	54.37	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 108.74%			
32) Benzene-d6	5.735	84	656291	55.30	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 110.60%			
36) 1,2-Dichloropropane-d6	6.697	67	214884	55.51	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 111.02%			
41) Toluene-d8	7.906	98	596847	55.88	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 111.76%			
43) trans-1,3-Dichloroprop...	8.185	79	90261	53.32	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 106.64%			
47) 2-Hexanone-d5	8.639	63	206030	111.14	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 111.14%			
56) 1,1,2,2-Tetrachloroeth...	10.764	84	316113	53.96	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 107.92%			
66) 1,2-Dichlorobenzene-d4	12.201	152	233440	56.13	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 112.26%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	166869	48.28	ug/L	100
3) Chloromethane	1.523	50	202969	48.57	ug/L	99
5) Vinyl chloride	1.607	62	199202	49.04	ug/L	100
6) Bromomethane	1.848	94	114225	57.66	ug/L	100
8) Chloroethane	1.932	64	113532	49.37	ug/L	98
9) Trichlorofluoromethane	2.141	101	228831	49.83	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	144063	47.94	ug/L	99
12) 1,1-Dichloroethene	2.584	96	147183	49.65	ug/L	95
13) Acetone	2.629	43	185840	100.08	ug/L	99
14) Carbon disulfide	2.800	76	457270	48.86	ug/L	99
15) Methyl Acetate	2.951	43	173294	41.12	ug/L	100
16) Methylene chloride	3.054	84	177191	39.91	ug/L	99
17) trans-1,2-Dichloroethene	3.359	96	154416	50.36	ug/L	99
18) Methyl tert-butyl Ether	3.369	73	478067	51.40	ug/L	99
19) 1,1-Dichloroethane	3.877	63	303544	50.63	ug/L	98
20) cis-1,2-Dichloroethene	4.674	96	175493	51.94	ug/L	94
22) 2-Butanone	4.707	43	309737	101.34	ug/L	98
23) Bromochloromethane	4.983	128	92565	50.48	ug/L	97
25) Chloroform	5.096	83	295719	50.37	ug/L	99

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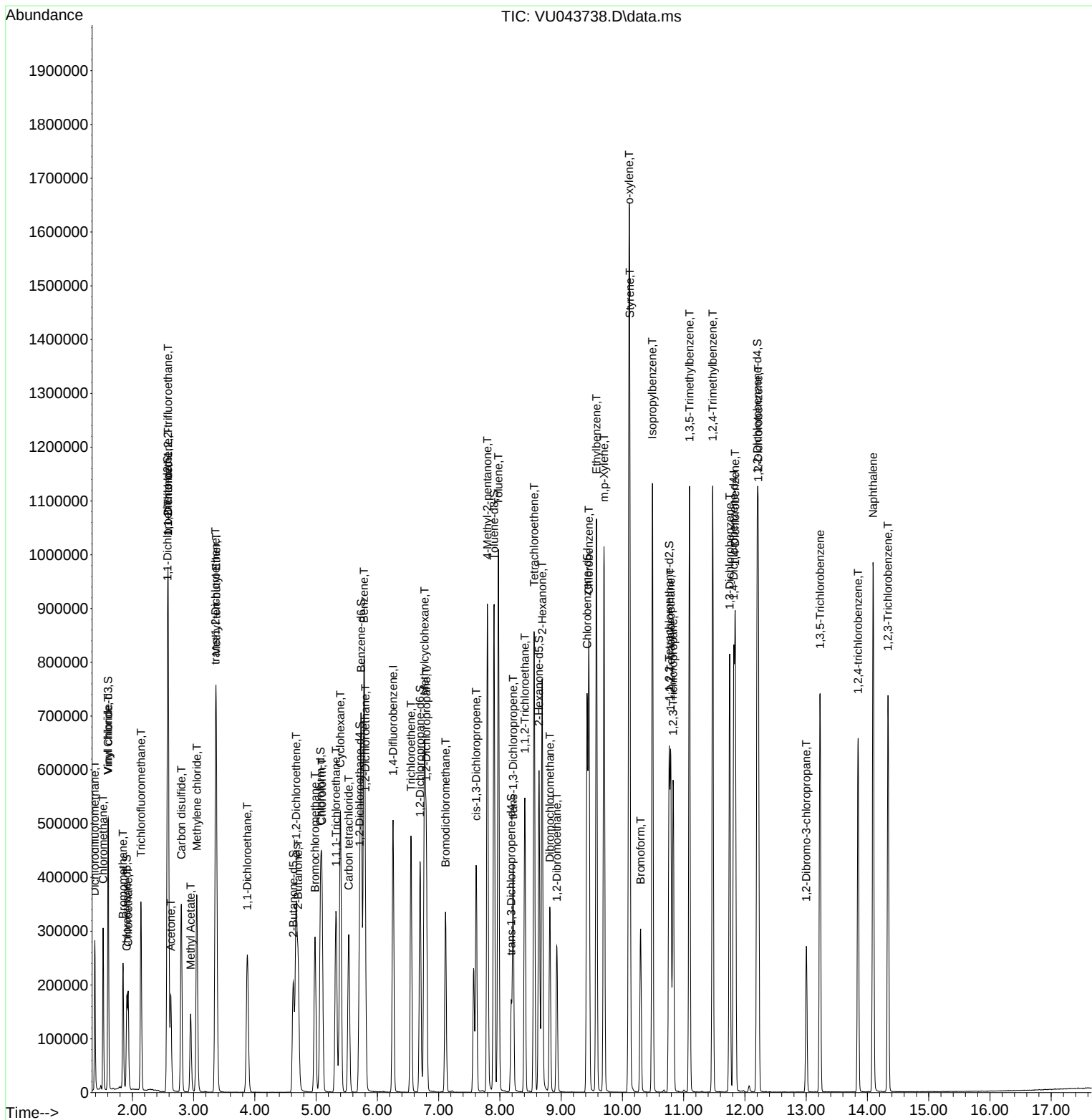
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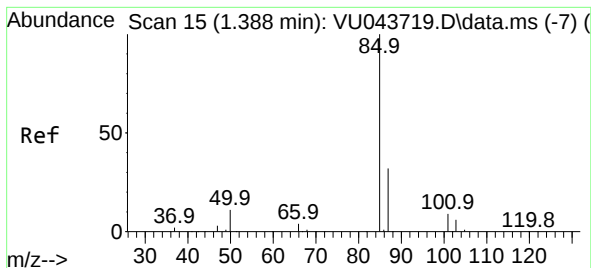
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 Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	226771	50.11	ug/L	100
29) Cyclohexane	5.398	56	269378	50.53	ug/L	98
30) 1,1,1-Trichloroethane	5.324	97	246081	50.97	ug/L	99
31) Carbon tetrachloride	5.533	117	200231	50.51	ug/L	100
33) Benzene	5.780	78	686716	50.71	ug/L	100
34) Trichloroethene	6.549	95	162293	49.28	ug/L	98
35) Methylcyclohexane	6.771	83	248596	47.75	ug/L	99
37) 1,2-Dichloropropane	6.800	63	186706	50.50	ug/L	100
38) Bromodichloromethane	7.112	83	218326	49.87	ug/L	100
39) cis-1,3-Dichloropropene	7.613	75	243245	48.16	ug/L	99
40) 4-Methyl-2-pentanone	7.796	43	572699	102.91	ug/L	100
42) Toluene	7.976	91	727712	51.42	ug/L	100
44) trans-1,3-Dichloropropene	8.218	75	234329	49.33	ug/L	100
45) 1,1,2-Trichloroethane	8.407	97	172675	50.70	ug/L	99
46) Tetrachloroethene	8.558	164	199225	76.90	ug/L	99
48) 2-Hexanone	8.690	43	463565	103.73	ug/L	99
49) Dibromochloromethane	8.816	129	176611	50.55	ug/L	98
50) 1,2-Dibromoethane	8.928	107	183270	51.79	ug/L	98
51) Chlorobenzene	9.452	112	436228	49.77	ug/L	99
52) Ethylbenzene	9.578	91	744454	50.96	ug/L	100
53) m,p-Xylene	9.700	106	284291	51.40	ug/L	99
54) o-xylene	10.108	106	284450	51.98	ug/L	100
55) Styrene	10.121	104	477138	51.70	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.790	83	306833	49.42	ug/L	98
59) Bromoform	10.298	173	139431	50.62	ug/L #	99
60) 1,2,3-Trichloropropane	10.828	75	247757	50.37	ug/L	99
61) Isopropylbenzene	10.491	105	720228	52.32	ug/L	100
62) 1,3,5-Trimethylbenzene	11.095	105	602642	52.72	ug/L	99
63) 1,2,4-Trimethylbenzene	11.475	105	610242	53.16	ug/L	100
64) 1,3-Dichlorobenzene	11.751	146	338554	50.57	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	339736	49.75	ug/L	99
67) 1,2-Dichlorobenzene	12.217	146	357595	51.28	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.002	75	68045	50.53	ug/L	96
69) 1,3,5-Trichlorobenzene	13.227	180	242623	48.90	ug/L	100
70) 1,2,4-trichlorobenzene	13.848	180	211183	49.83	ug/L	99
71) Naphthalene	14.092	128	780158	55.17	ug/L	100
72) 1,2,3-Trichlorobenzene	14.336	180	232198	52.04	ug/L	100

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

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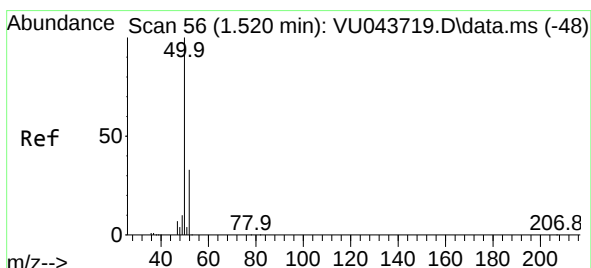
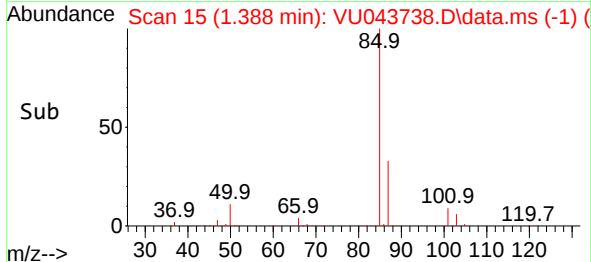
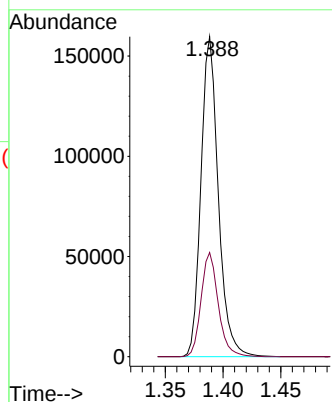
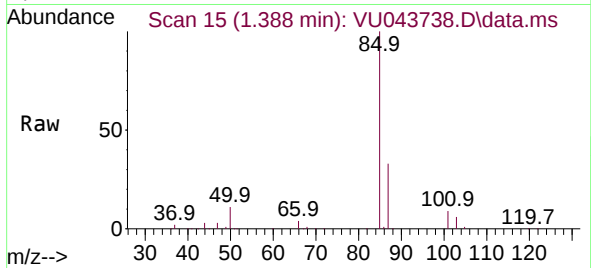




#2
Dichlorodifluoromethane
Concen: 48.28 ug/L
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU043738.D
Acq: 14 May 2021 06:55

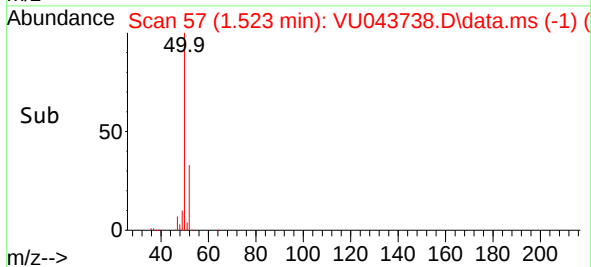
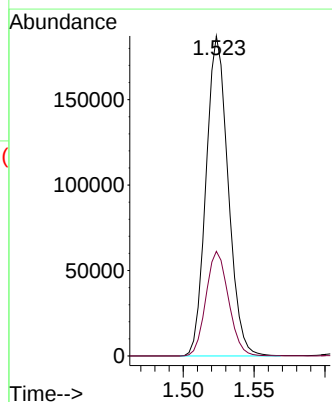
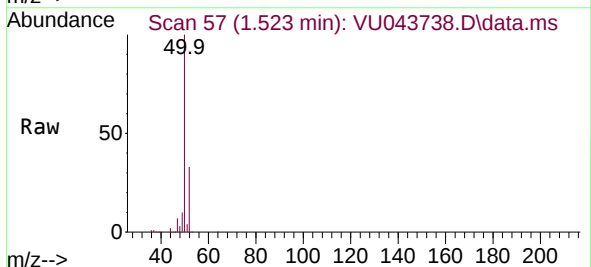
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MSVOA_U
ClientSampled :

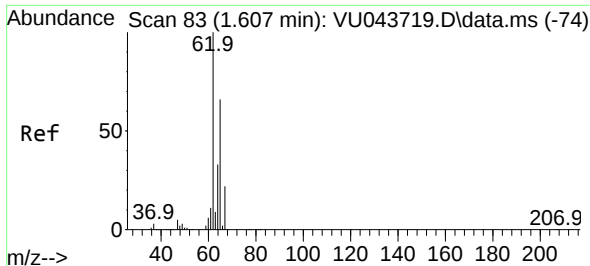
Tgt Ion: 85 Resp: 166869
Ion Ratio Lower Upper
85 100
87 32.2 25.9 38.9



#3
Chloromethane
Concen: 48.57 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU043738.D
Acq: 14 May 2021 06:55

Tgt Ion: 50 Resp: 202969
Ion Ratio Lower Upper
50 100
52 32.7 23.2 43.2

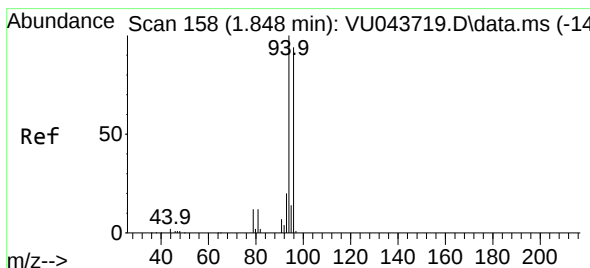
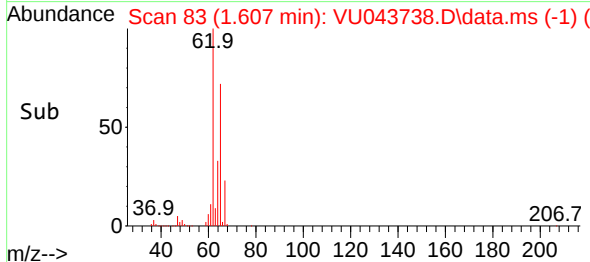
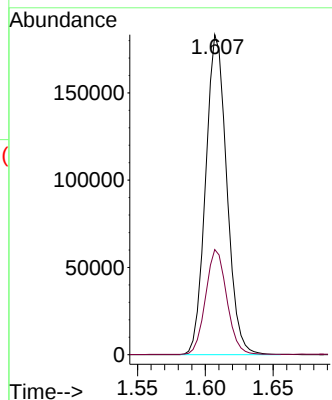
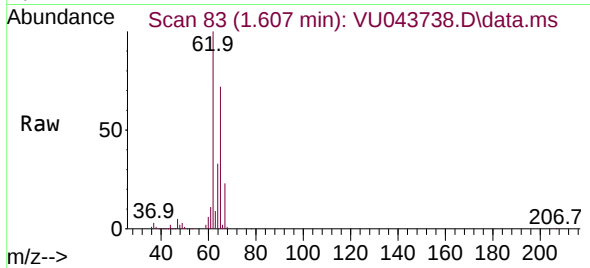




#5
 Vinyl chloride
 Concen: 49.04 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU043738.D
 Acq: 14 May 2021 06:55

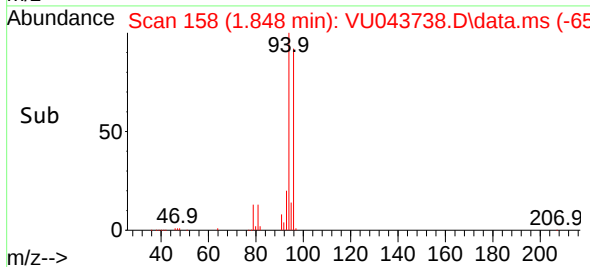
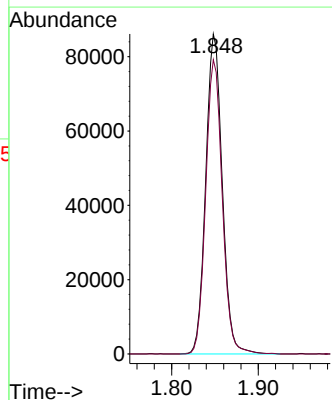
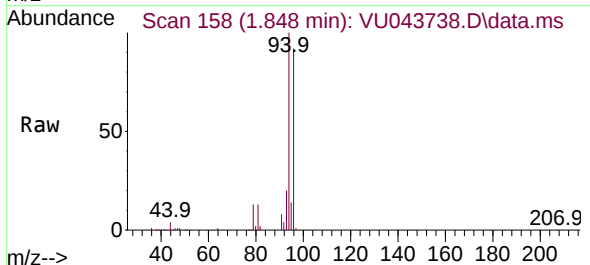
Instrument :
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 ClientSampled :

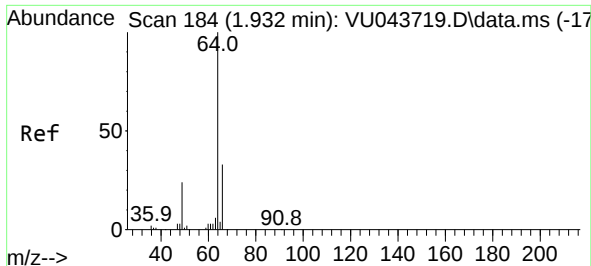
Tgt Ion: 62 Resp: 199202
 Ion Ratio Lower Upper
 62 100
 64 32.8 22.9 42.5



#6
 Bromomethane
 Concen: 57.66 ug/L
 RT: 1.848 min Scan# 158
 Delta R.T. 0.000 min
 Lab File: VU043738.D
 Acq: 14 May 2021 06:55

Tgt Ion: 94 Resp: 114225
 Ion Ratio Lower Upper
 94 100
 96 91.9 64.2 119.2

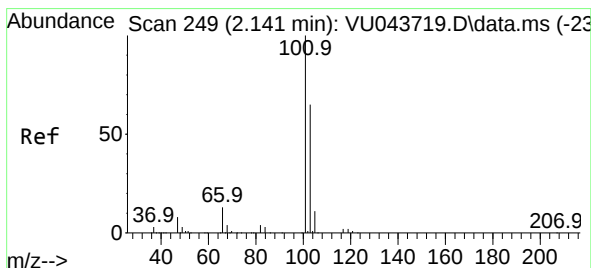
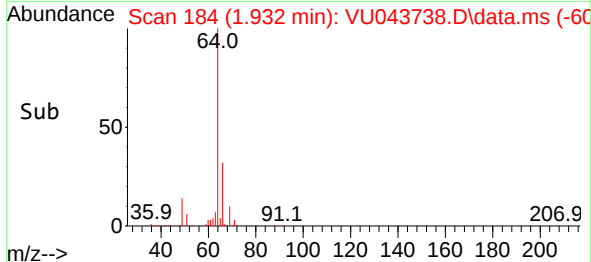
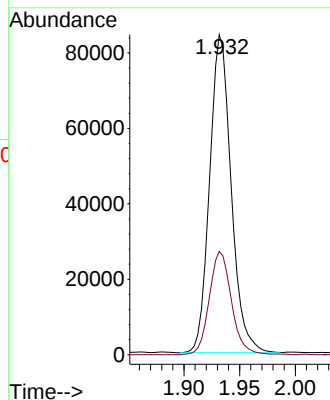
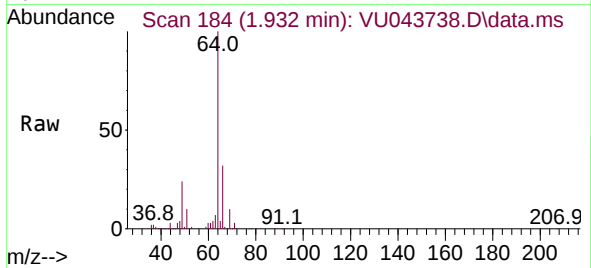




#8
Chloroethane
Concen: 49.37 ug/L
RT: 1.932 min Scan# 184
Delta R.T. 0.000 min
Lab File: VU043738.D
Acq: 14 May 2021 06:55

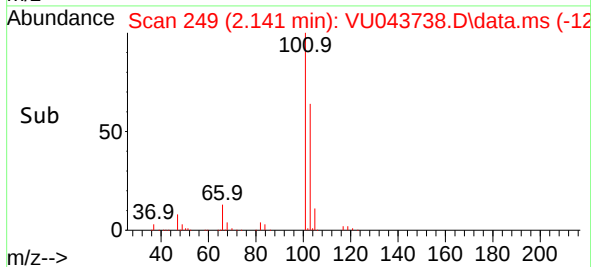
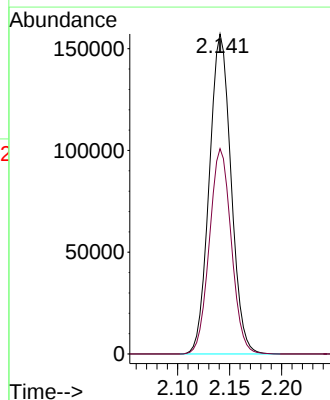
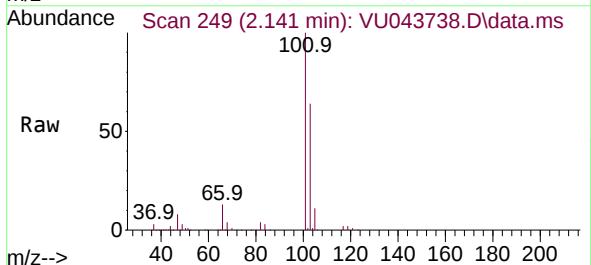
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ClientSampled :

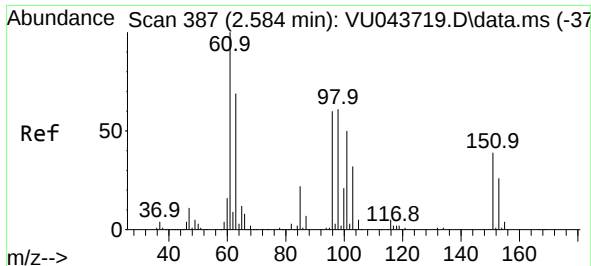
Tgt Ion: 64 Resp: 113532
Ion Ratio Lower Upper
64 100
66 32.3 23.2 43.2



#9
Trichlorofluoromethane
Concen: 49.83 ug/L
RT: 2.141 min Scan# 249
Delta R.T. 0.000 min
Lab File: VU043738.D
Acq: 14 May 2021 06:55

Tgt Ion: 101 Resp: 228831
Ion Ratio Lower Upper
101 100
103 64.4 52.3 78.5

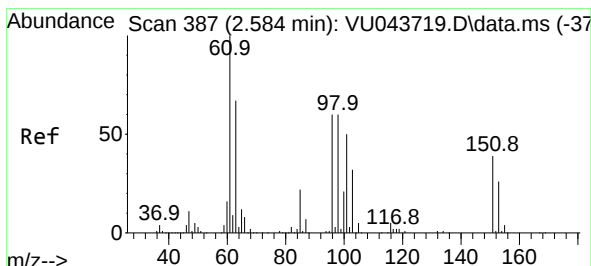
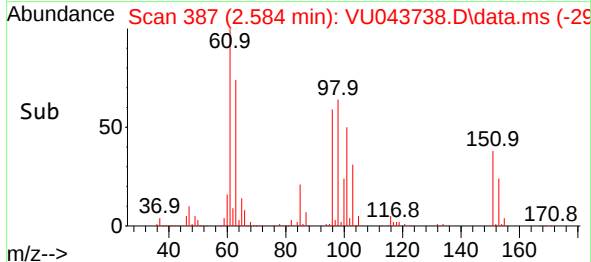
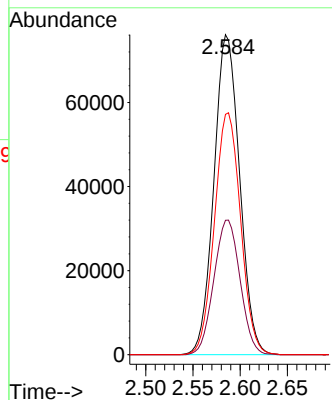
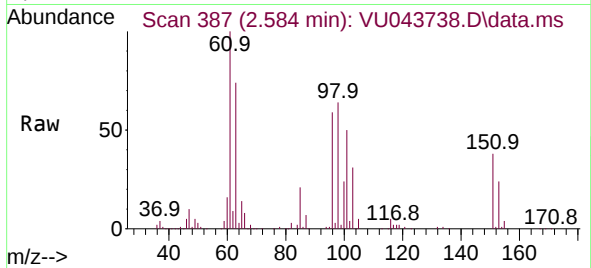




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 47.94 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. 0.000 min
 Lab File: VU043738.D
 Acq: 14 May 2021 06:55

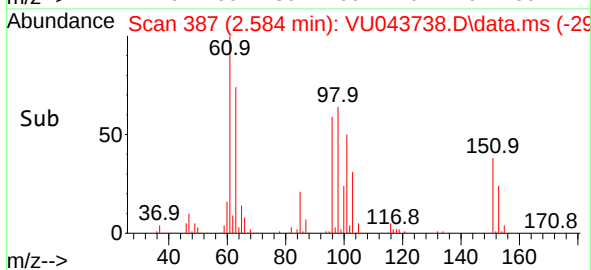
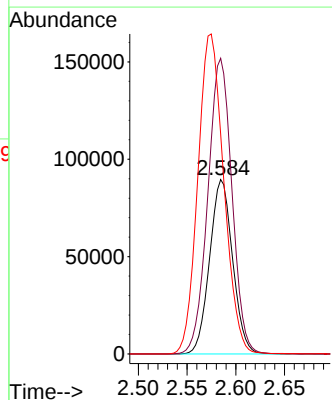
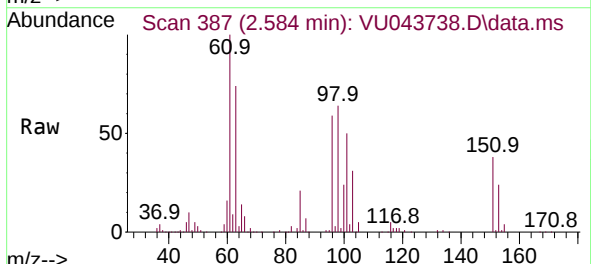
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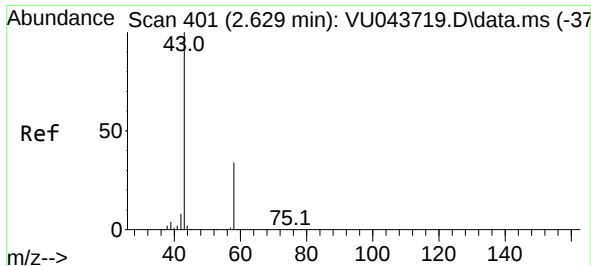
Tgt Ion:101 Resp: 144063
 Ion Ratio Lower Upper
 101 100
 85 42.9 34.2 51.4
 151 76.9 60.4 90.6



#12
 1,1-Dichloroethene
 Concen: 49.65 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. 0.000 min
 Lab File: VU043738.D
 Acq: 14 May 2021 06:55

Tgt Ion: 96 Resp: 147183
 Ion Ratio Lower Upper
 96 100
 61 169.6 116.3 215.9
 63 126.0 80.8 150.2

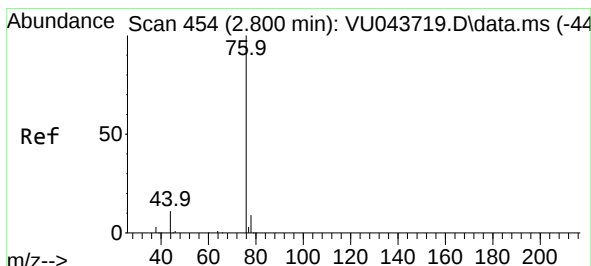
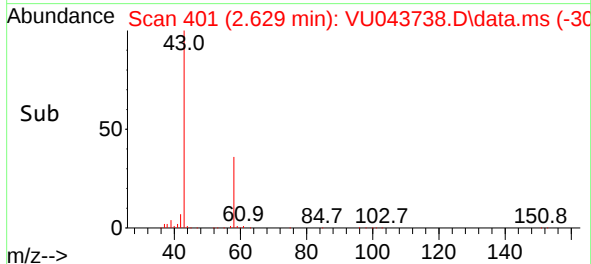
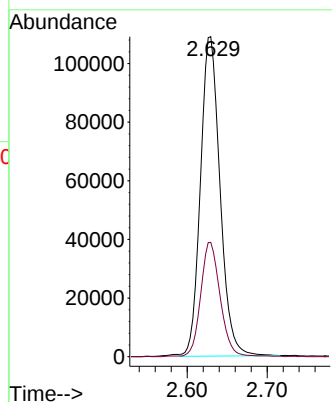
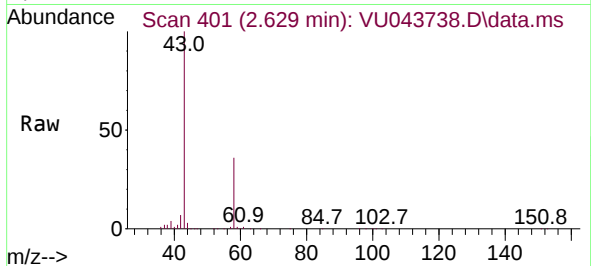




#13
Acetone
Concen: 100.08 ug/L
RT: 2.629 min Scan# 401
Delta R.T. 0.000 min
Lab File: VU043738.D
Acq: 14 May 2021 06:55

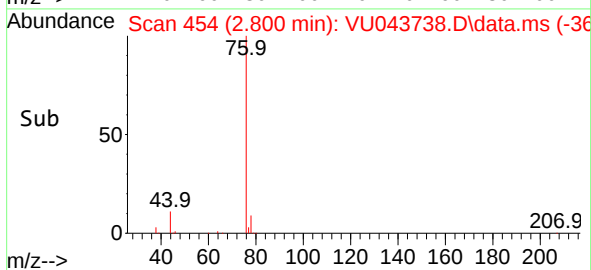
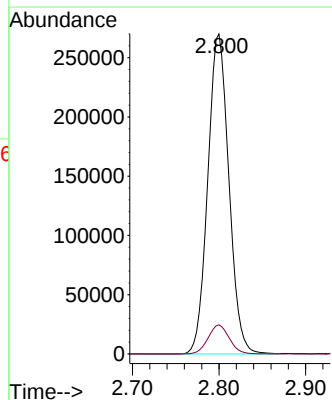
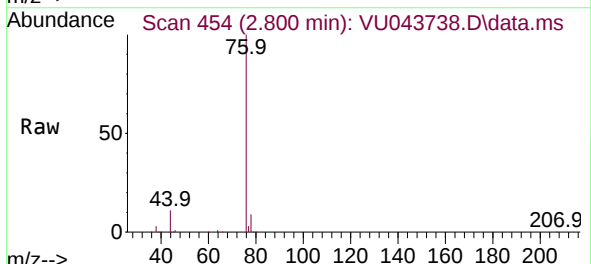
Instrument :
MSVOA_U
ClientSampled :

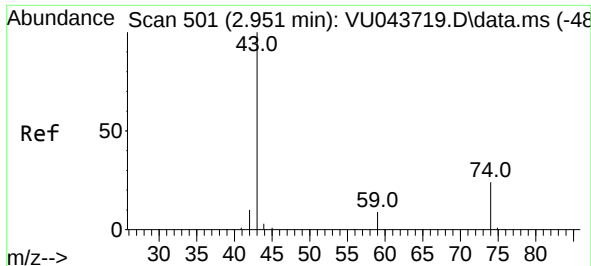
Tgt Ion: 43 Resp: 185840
Ion Ratio Lower Upper
43 100
58 35.0 0.0 69.4



#14
Carbon disulfide
Concen: 48.86 ug/L
RT: 2.800 min Scan# 454
Delta R.T. 0.000 min
Lab File: VU043738.D
Acq: 14 May 2021 06:55

Tgt Ion: 76 Resp: 457270
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7

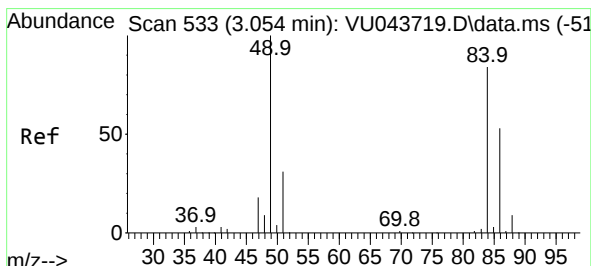
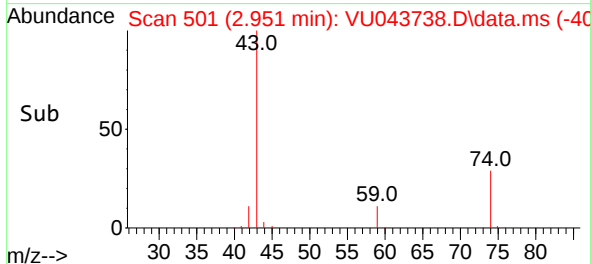
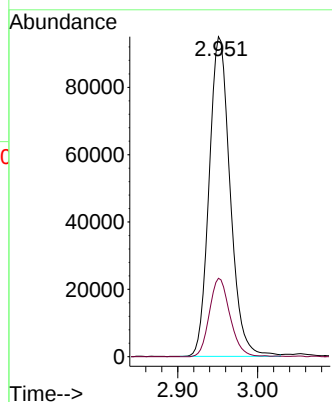
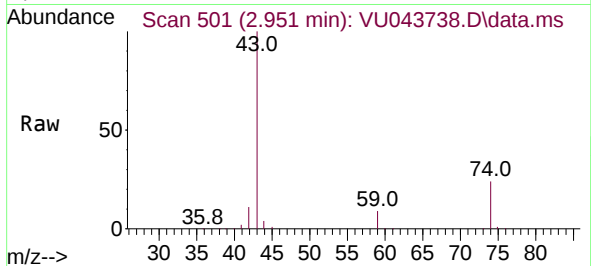




#15
Methyl Acetate
Concen: 41.12 ug/L
RT: 2.951 min Scan# 501
Delta R.T. 0.000 min
Lab File: VU043738.D
Acq: 14 May 2021 06:55

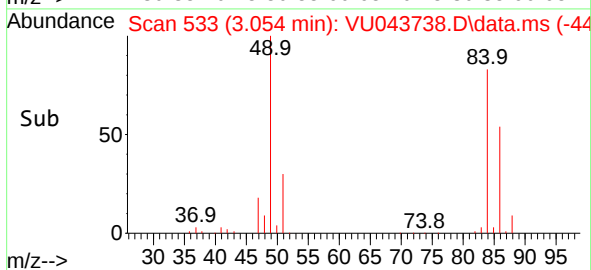
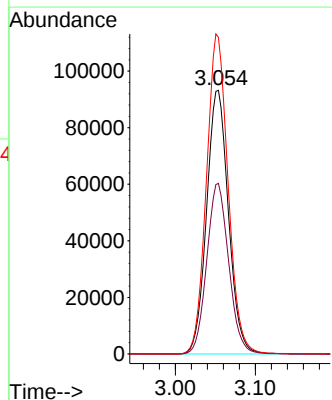
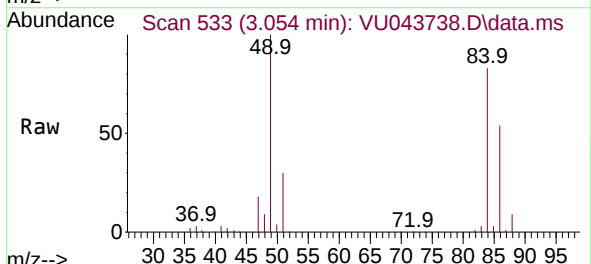
Instrument :
MSVOA_U
ClientSampled :

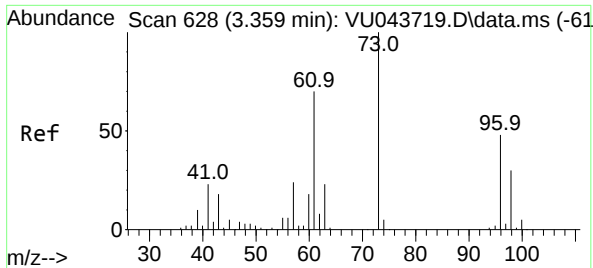
Tgt Ion: 43 Resp: 173294
Ion Ratio Lower Upper
43 100
74 24.0 19.3 28.9



#16
Methylene chloride
Concen: 39.91 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU043738.D
Acq: 14 May 2021 06:55

Tgt Ion: 84 Resp: 177191
Ion Ratio Lower Upper
84 100
86 64.7 44.9 83.5
49 120.0 84.9 157.7

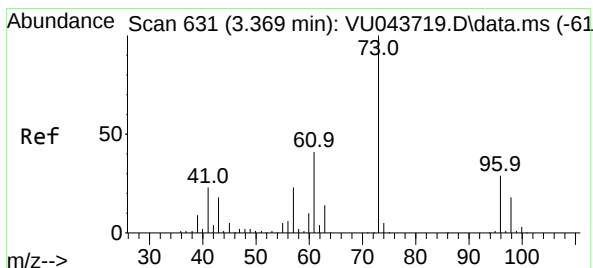
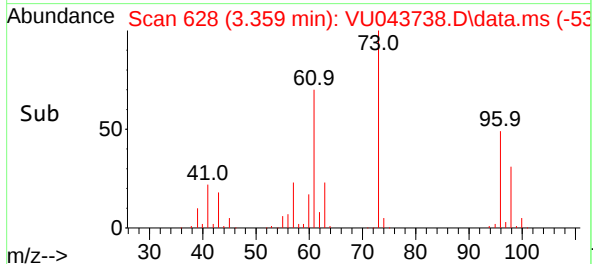
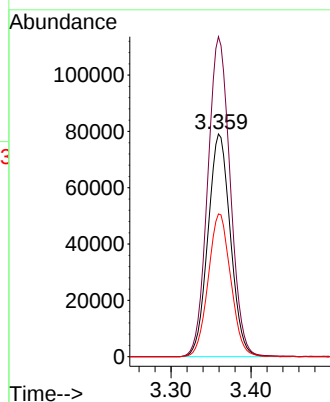
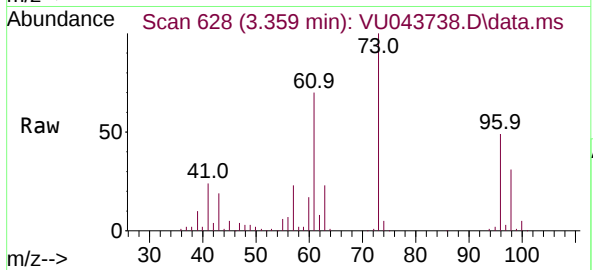




#17
 trans-1,2-Dichloroethene
 Concen: 50.36 ug/L
 RT: 3.359 min Scan# 628
 Delta R.T. 0.000 min
 Lab File: VU043738.D
 Acq: 14 May 2021 06:55

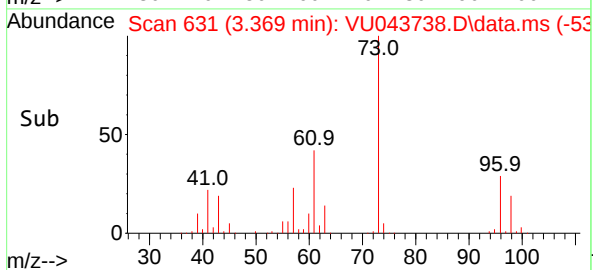
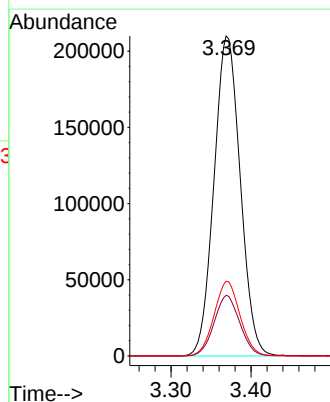
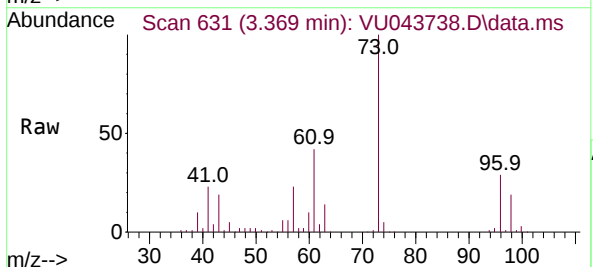
Instrument :
 MSVOA_U
 ClientSampled :

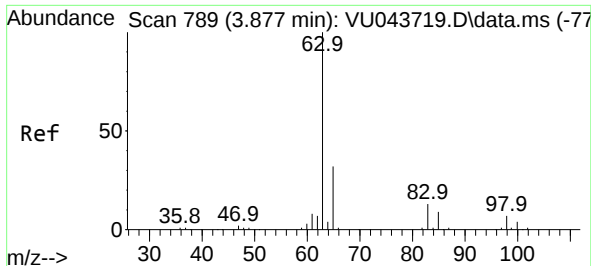
Tgt Ion: 96 Resp: 154416
 Ion Ratio Lower Upper
 96 100
 61 143.7 101.5 188.5
 98 64.1 44.9 83.5



#18
 Methyl tert-butyl Ether
 Concen: 51.40 ug/L
 RT: 3.369 min Scan# 631
 Delta R.T. 0.000 min
 Lab File: VU043738.D
 Acq: 14 May 2021 06:55

Tgt Ion: 73 Resp: 478067
 Ion Ratio Lower Upper
 73 100
 43 18.6 14.6 22.0
 57 23.1 18.2 27.4





#19

1,1-Dichloroethane

Concen: 50.63 ug/L

RT: 3.877 min Scan# 789

Delta R.T. 0.000 min

Lab File: VU043738.D

Acq: 14 May 2021 06:55

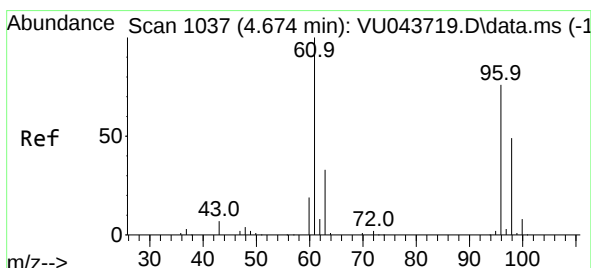
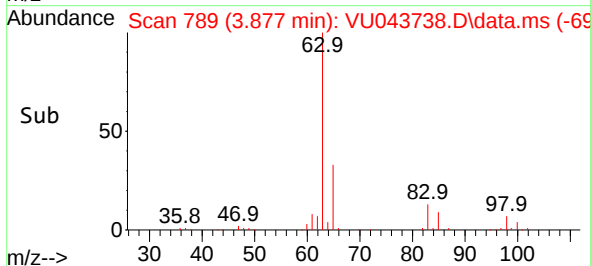
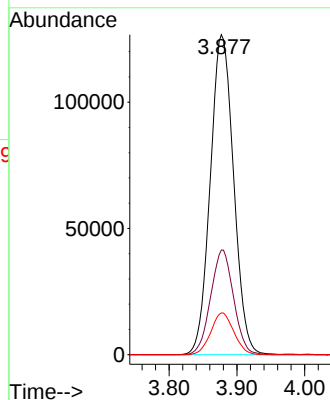
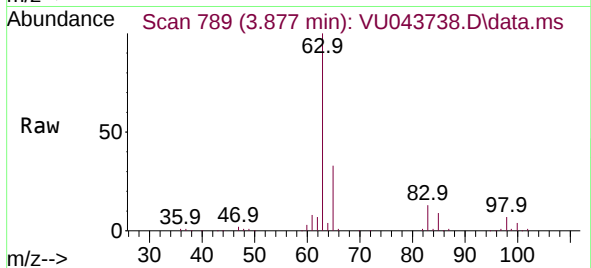
Tgt Ion: 63 Resp: 303544

Ion Ratio Lower Upper

63 100

65 32.7 22.0 41.0

83 13.1 8.7 16.1



#20

cis-1,2-Dichloroethene

Concen: 51.94 ug/L

RT: 4.674 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VU043738.D

Acq: 14 May 2021 06:55

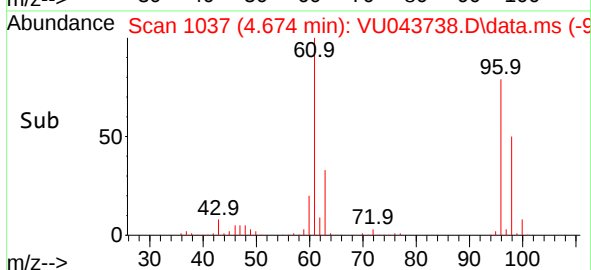
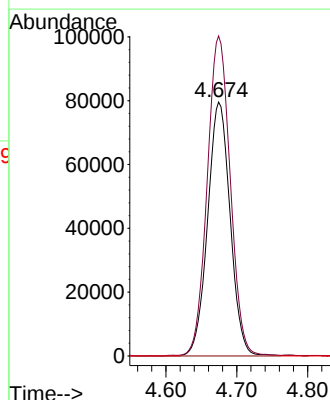
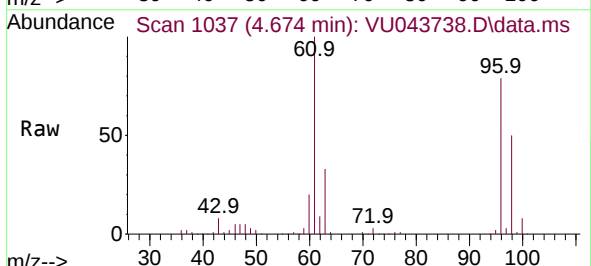
Tgt Ion: 96 Resp: 175493

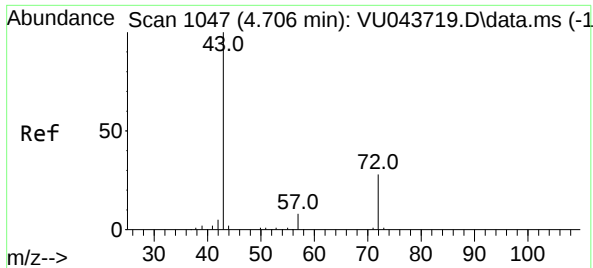
Ion Ratio Lower Upper

96 100

61 126.1 93.1 172.9

68 0.0 0.0 0.0

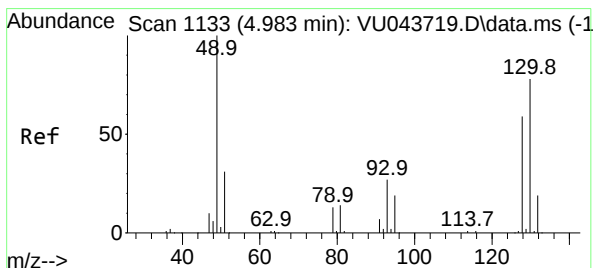
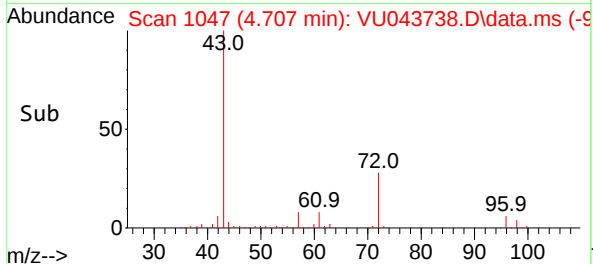
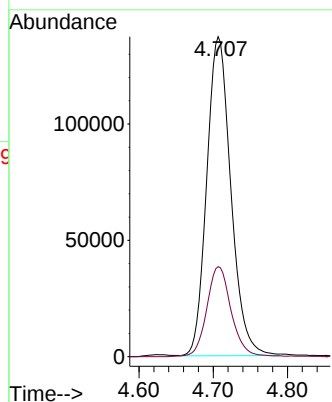
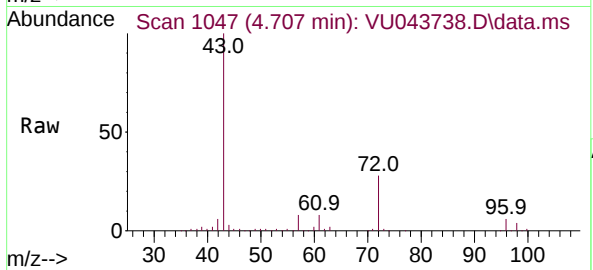




#22
2-Butanone
Concen: 101.34 ug/L
RT: 4.707 min Scan# 1047
Delta R.T. 0.000 min
Lab File: VU043738.D
Acq: 14 May 2021 06:55

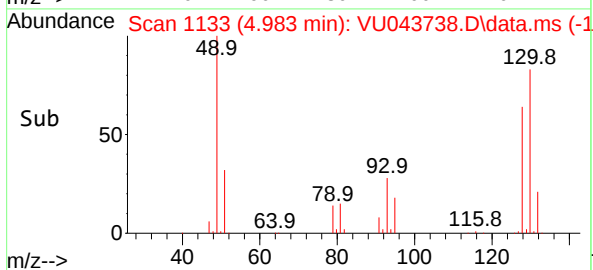
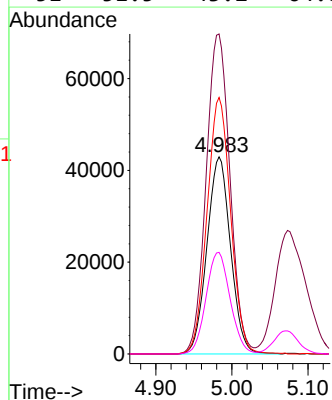
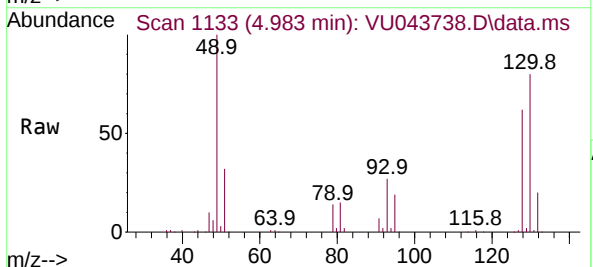
Instrument :
MSVOA_U
ClientSampled :

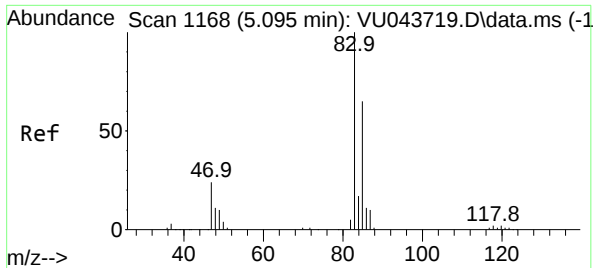
Tgt Ion: 43 Resp: 309737
Ion Ratio Lower Upper
43 100
72 28.5 13.9 41.6



#23
Bromochloromethane
Concen: 50.48 ug/L
RT: 4.983 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VU043738.D
Acq: 14 May 2021 06:55

Tgt Ion:128 Resp: 92565
Ion Ratio Lower Upper
128 100
49 162.4 116.8 216.8
130 130.2 93.3 173.3
51 51.5 43.2 64.8

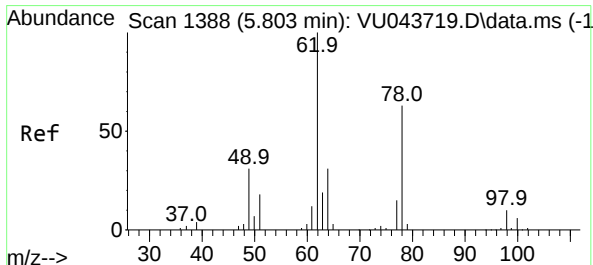
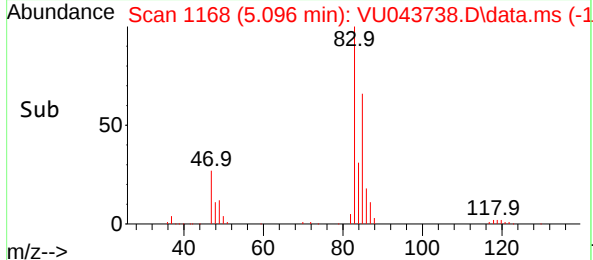
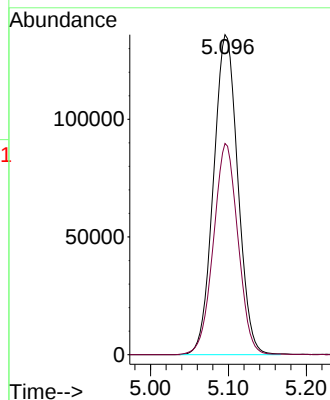
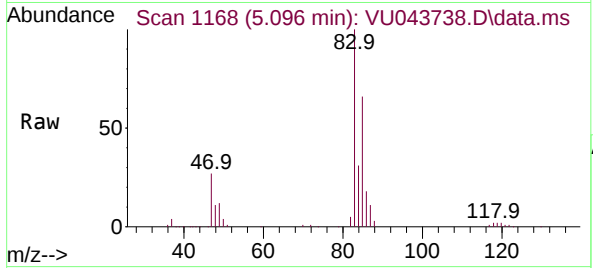




#25
Chloroform
Concen: 50.37 ug/L
RT: 5.096 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VU043738.D
Acq: 14 May 2021 06:55

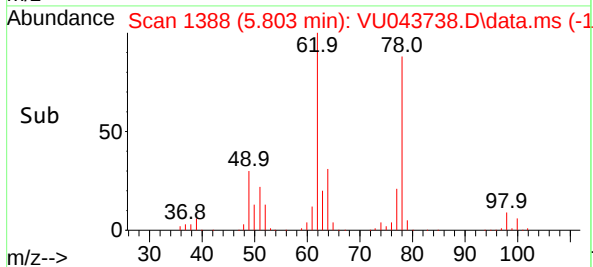
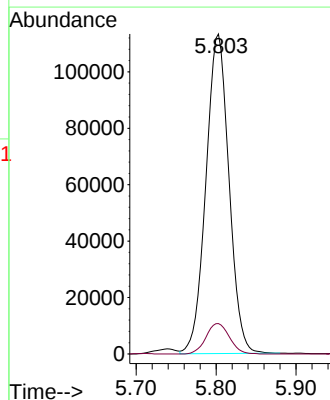
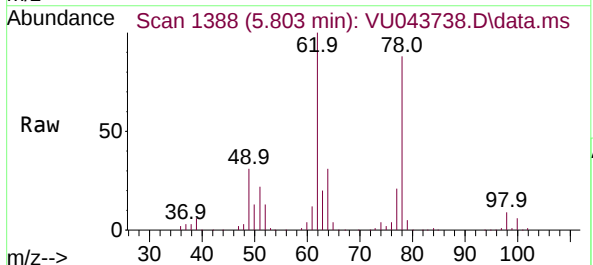
Instrument :
MSVOA_U
ClientSampled :

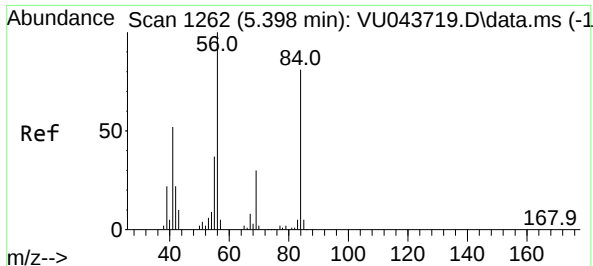
Tgt Ion: 83 Resp: 295719
Ion Ratio Lower Upper
83 100
85 66.0 45.7 84.9



#27
1,2-Dichloroethane
Concen: 50.11 ug/L
RT: 5.803 min Scan# 1388
Delta R.T. 0.000 min
Lab File: VU043738.D
Acq: 14 May 2021 06:55

Tgt Ion: 62 Resp: 226771
Ion Ratio Lower Upper
62 100
98 9.5 7.6 11.4





#29

Cyclohexane

Concen: 50.53 ug/L

RT: 5.398 min Scan# 1262

Delta R.T. 0.000 min

Lab File: VU043738.D

Acq: 14 May 2021 06:55

Instrument :
MSVOA_U
ClientSampled :

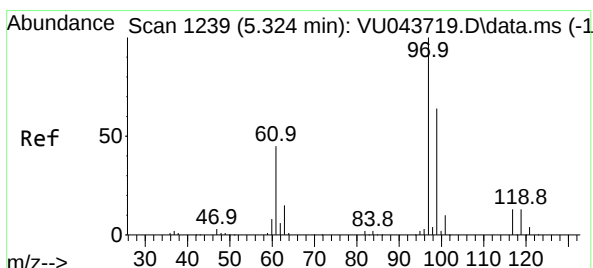
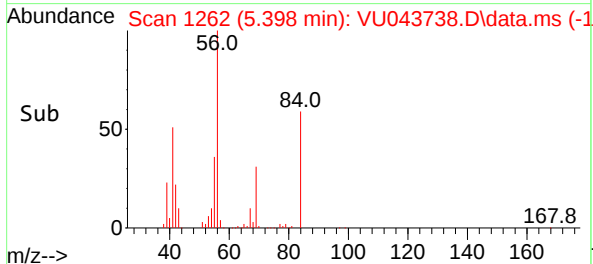
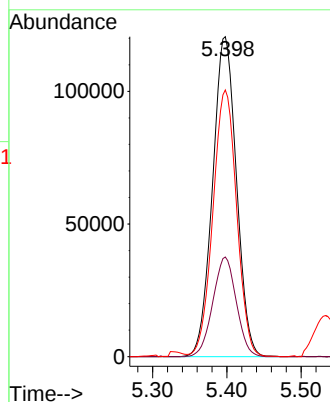
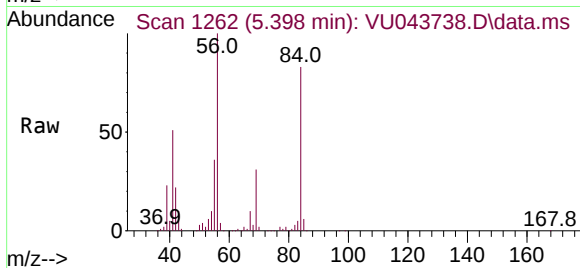
Tgt Ion: 56 Resp: 269378

Ion Ratio Lower Upper

56 100

69 30.6 24.6 37.0

84 82.9 65.0 97.4



#30

1,1,1-Trichloroethane

Concen: 50.97 ug/L

RT: 5.324 min Scan# 1239

Delta R.T. 0.000 min

Lab File: VU043738.D

Acq: 14 May 2021 06:55

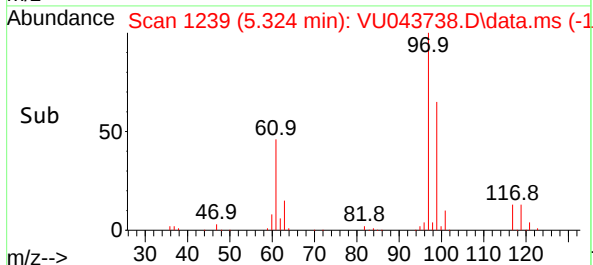
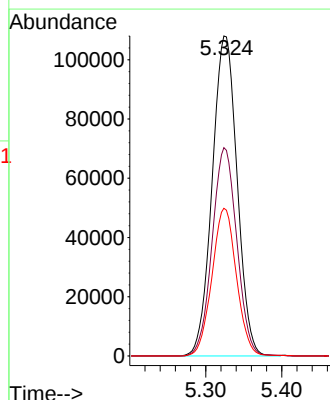
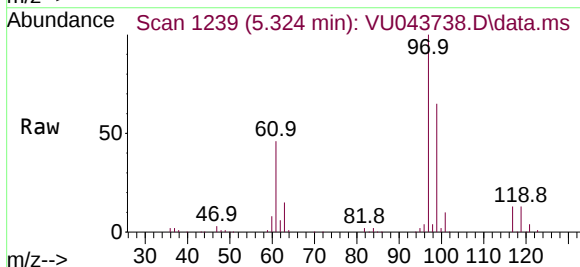
Tgt Ion: 97 Resp: 246081

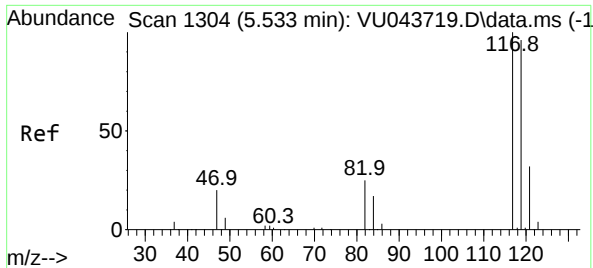
Ion Ratio Lower Upper

97 100

99 64.5 51.7 77.5

61 45.2 36.9 55.3

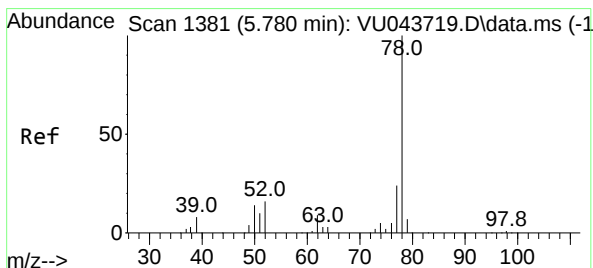
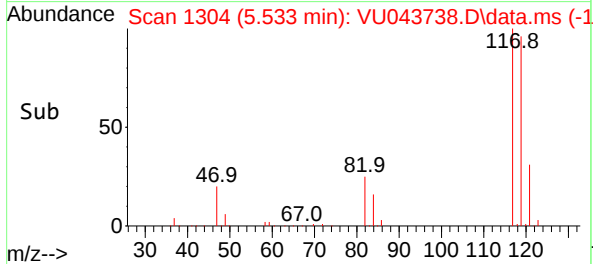
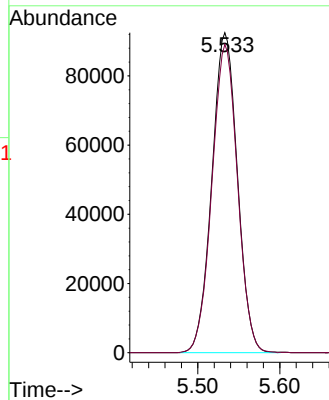
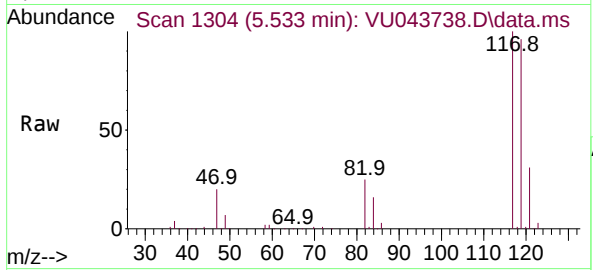




#31
Carbon tetrachloride
Concen: 50.51 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VU043738.D
Acq: 14 May 2021 06:55

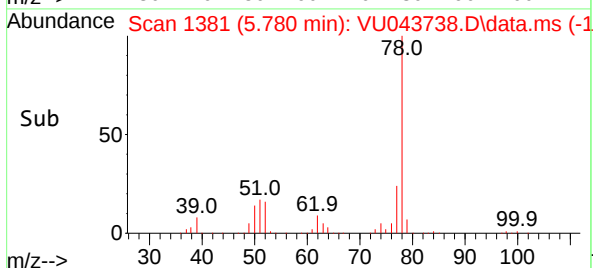
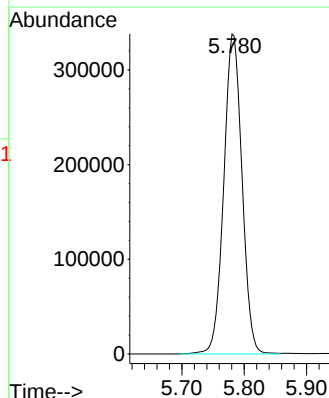
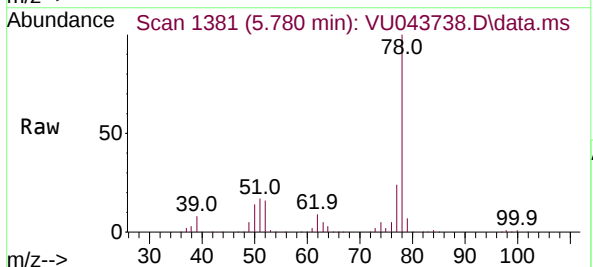
Instrument :
MSVOA_U
ClientSampled :

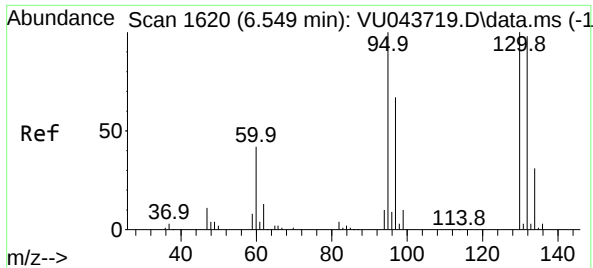
Tgt Ion:117 Resp: 200231
Ion Ratio Lower Upper
117 100
119 96.5 77.0 115.6



#33
Benzene
Concen: 50.71 ug/L
RT: 5.780 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VU043738.D
Acq: 14 May 2021 06:55

Tgt Ion: 78 Resp: 686716



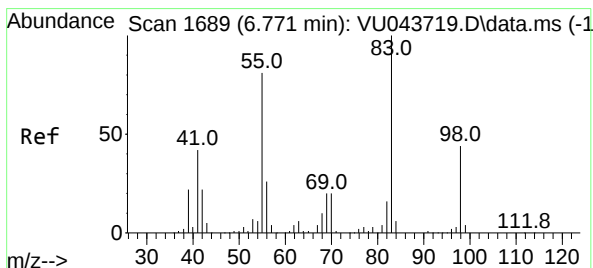
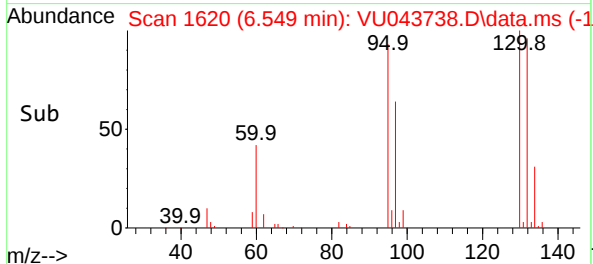
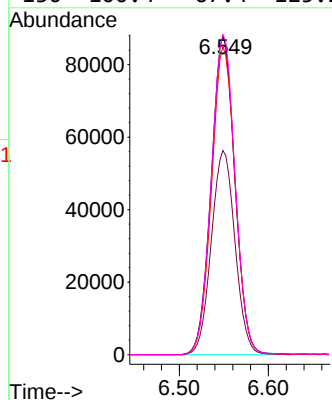
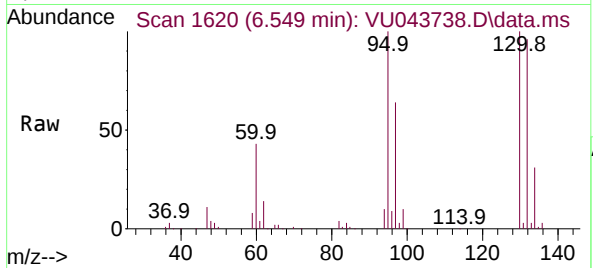


#34
Trichloroethene
Concen: 49.28 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VU043738.D
Acq: 14 May 2021 06:55

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 95 Resp: 162293

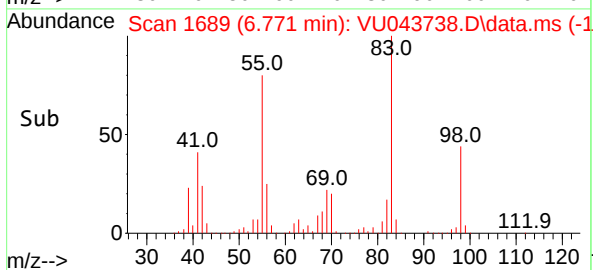
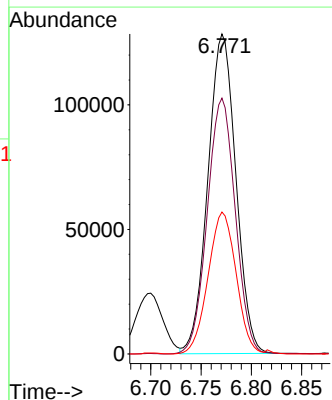
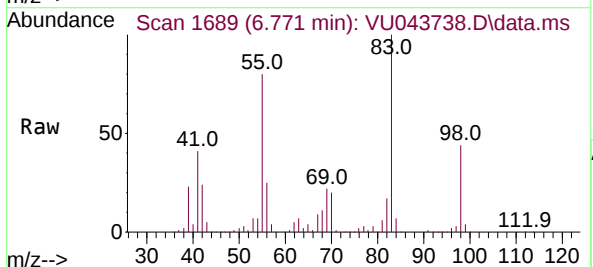
Ion	Ratio	Lower	Upper
95	100		
97	64.0	44.2	82.2
132	96.7	66.8	124.2
130	100.4	67.4	125.2

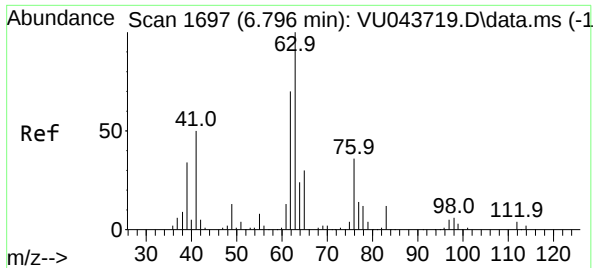


#35
Methylcyclohexane
Concen: 47.75 ug/L
RT: 6.771 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VU043738.D
Acq: 14 May 2021 06:55

Tgt Ion: 83 Resp: 248596

Ion	Ratio	Lower	Upper
83	100		
55	80.3	63.8	95.6
98	44.4	36.2	54.2

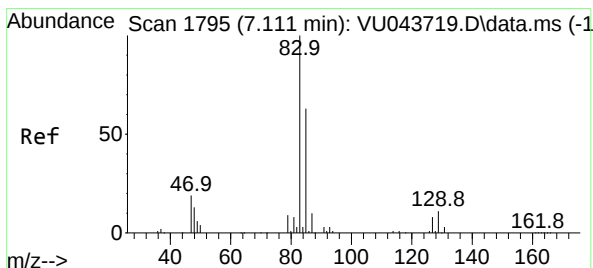
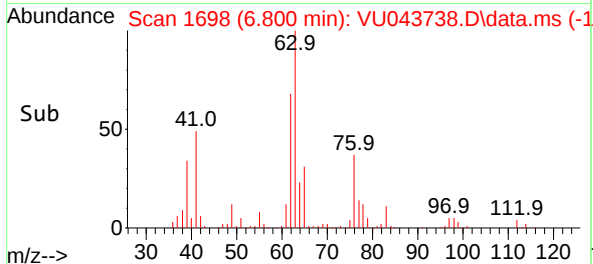
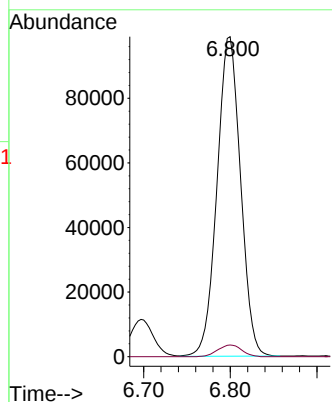
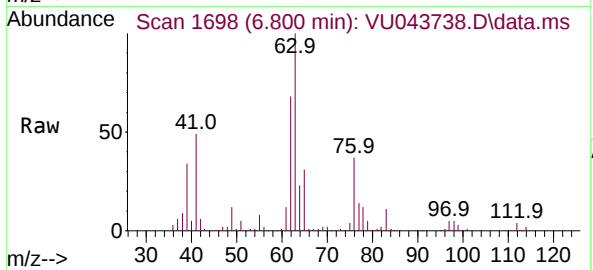




#37
1,2-Dichloropropane
Concen: 50.50 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. 0.003 min
Lab File: VU043738.D
Acq: 14 May 2021 06:55

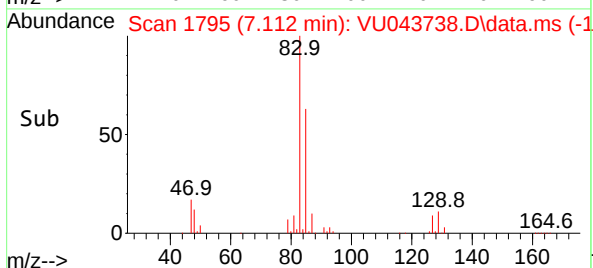
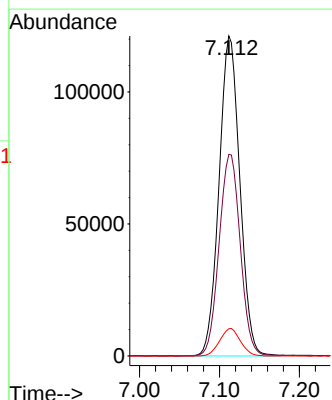
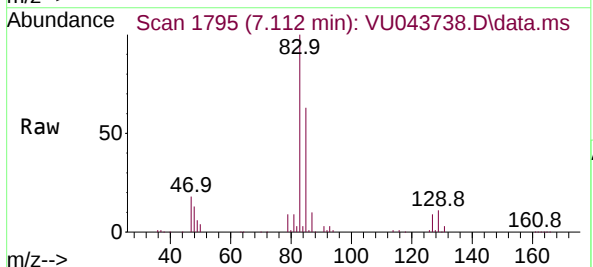
Instrument :
MSVOA_U
ClientSampled :

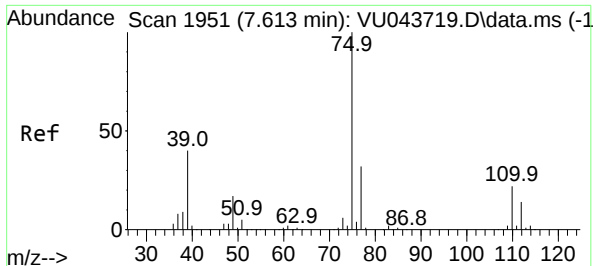
Tgt Ion: 63 Resp: 186706
Ion Ratio Lower Upper
63 100
112 3.8 3.0 4.4



#38
Bromodichloromethane
Concen: 49.87 ug/L
RT: 7.112 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VU043738.D
Acq: 14 May 2021 06:55

Tgt Ion: 83 Resp: 218326
Ion Ratio Lower Upper
83 100
85 63.0 44.3 82.3
127 8.5 6.6 9.8



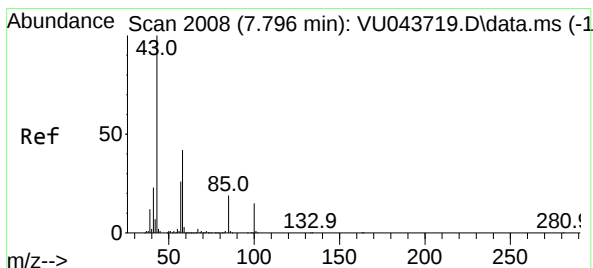
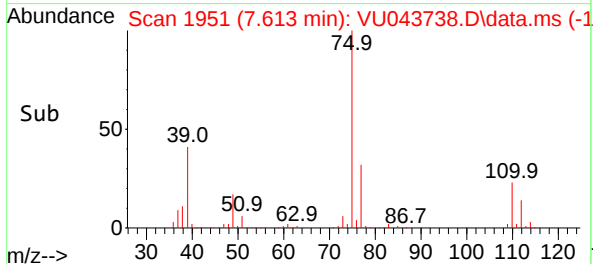
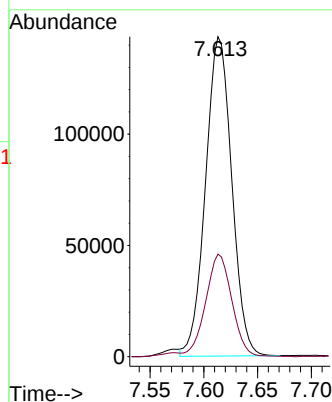
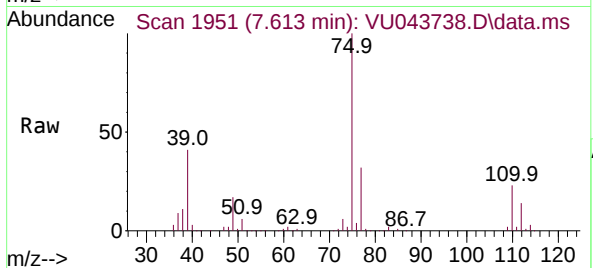


#39

cis-1,3-Dichloropropene
Concen: 48.16 ug/L
RT: 7.613 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VU043738.D
Acq: 14 May 2021 06:55

Instrument :
MSVOA_U
ClientSampled :

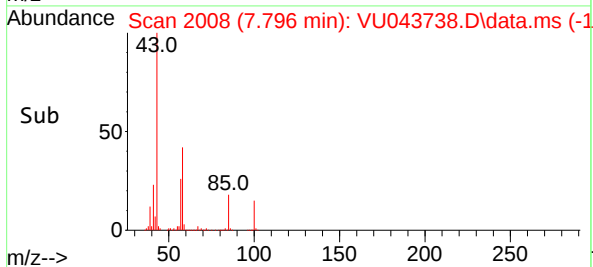
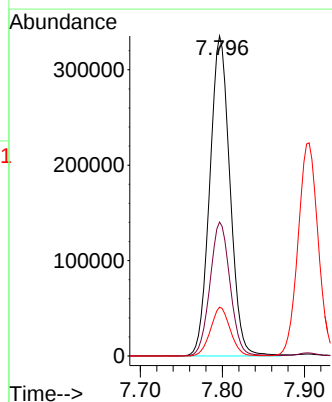
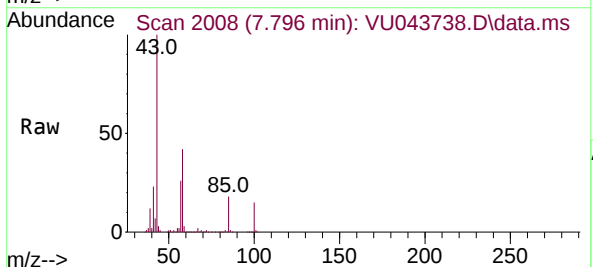
Tgt Ion: 75 Resp: 243245
Ion Ratio Lower Upper
75 100
77 32.0 22.0 41.0

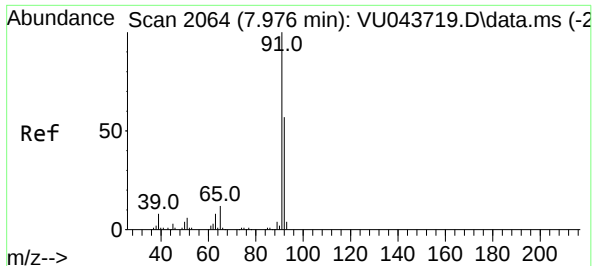


#40

4-Methyl-2-pentanone
Concen: 102.91 ug/L
RT: 7.796 min Scan# 2008
Delta R.T. 0.000 min
Lab File: VU043738.D
Acq: 14 May 2021 06:55

Tgt Ion: 43 Resp: 572699
Ion Ratio Lower Upper
43 100
58 41.8 33.4 50.0
100 14.9 12.2 18.2





#42

Toluene

Concen: 51.42 ug/L

RT: 7.976 min Scan# 2064

Delta R.T. 0.000 min

Lab File: VU043738.D

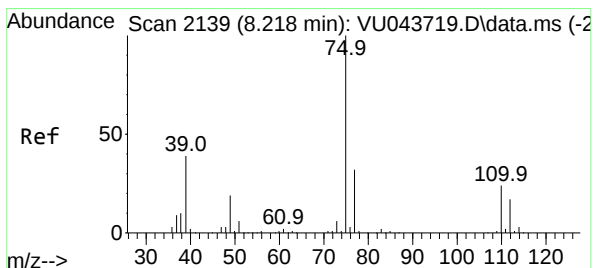
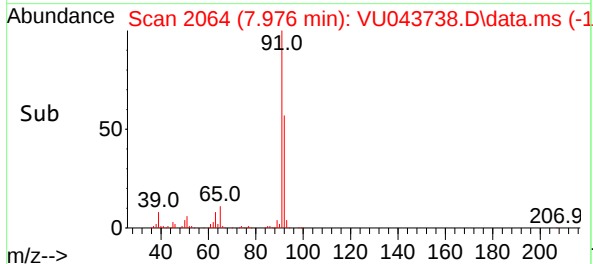
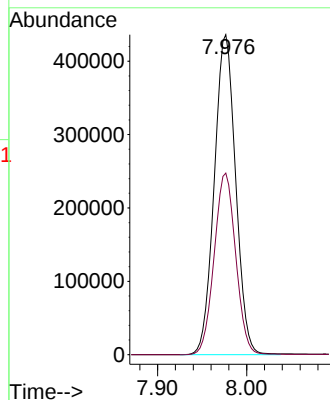
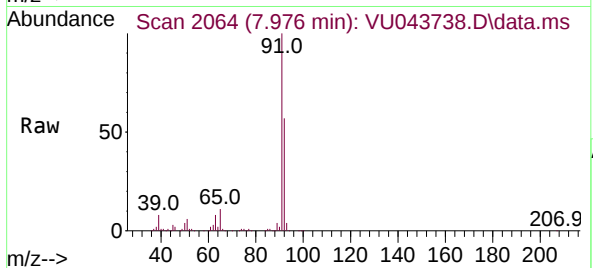
Acq: 14 May 2021 06:55

Tgt Ion: 91 Resp: 727712

Ion Ratio Lower Upper

91 100

92 56.8 39.7 73.7



#44

trans-1,3-Dichloropropene

Concen: 49.33 ug/L

RT: 8.218 min Scan# 2139

Delta R.T. 0.000 min

Lab File: VU043738.D

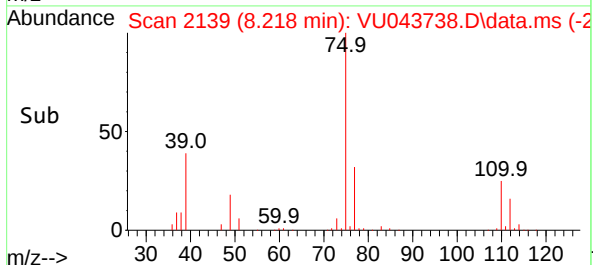
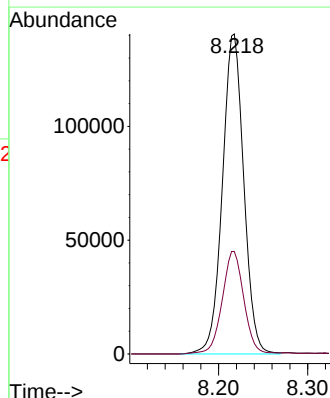
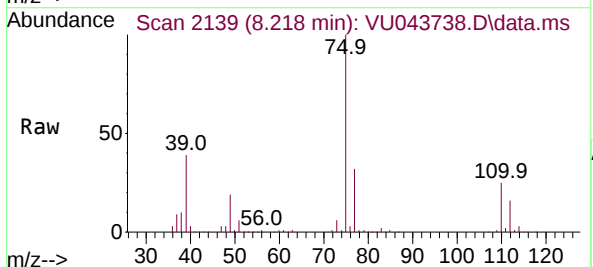
Acq: 14 May 2021 06:55

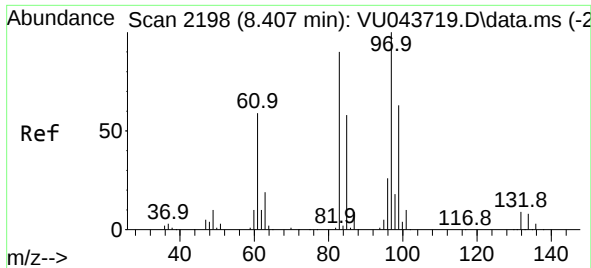
Tgt Ion: 75 Resp: 234329

Ion Ratio Lower Upper

75 100

77 32.1 22.4 41.6

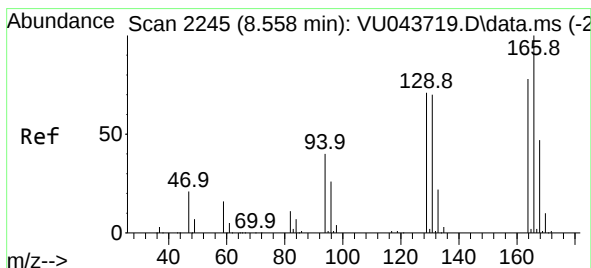
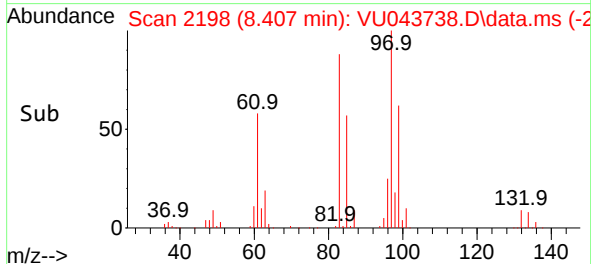
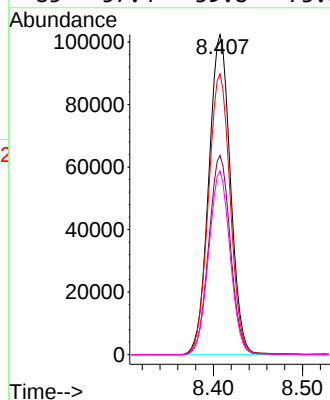
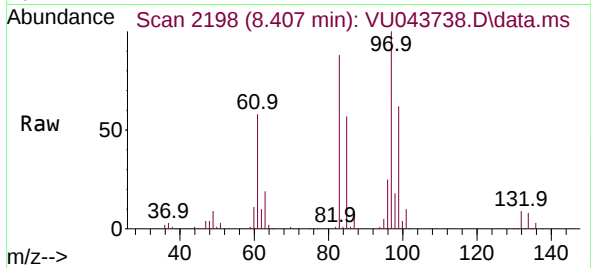




#45
1,1,2-Trichloroethane
Concen: 50.70 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. 0.000 min
Lab File: VU043738.D
Acq: 14 May 2021 06:55

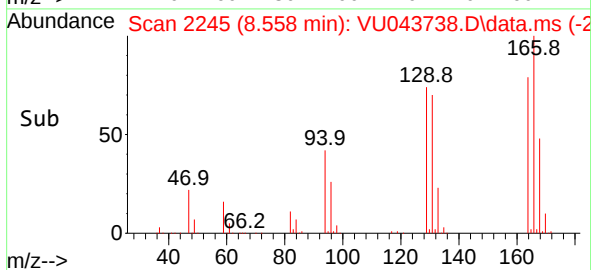
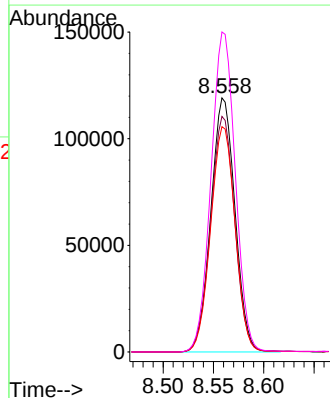
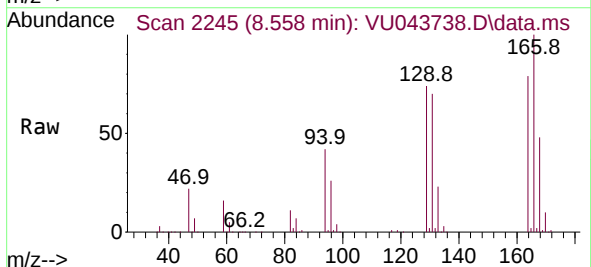
Instrument :
MSVOA_U
ClientSampleId :

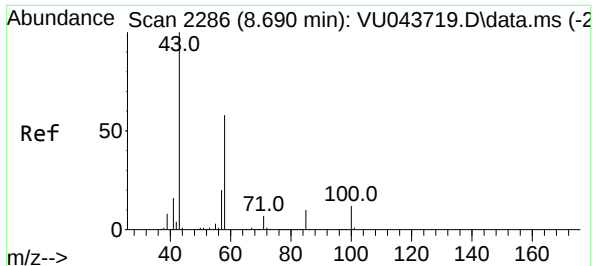
Tgt Ion:	97	Resp:	172675
Ion	Ratio	Lower	Upper
97	100		
99	62.2	43.2	80.2
83	87.7	61.7	114.5
85	57.4	39.8	73.8



#46
Tetrachloroethene
Concen: 76.90 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. 0.000 min
Lab File: VU043738.D
Acq: 14 May 2021 06:55

Tgt Ion:	164	Resp:	199225
Ion	Ratio	Lower	Upper
164	100		
129	92.7	65.5	121.6
131	88.7	63.0	117.0
166	126.0	88.6	164.6





#48

2-Hexanone

Concen: 103.73 ug/L

RT: 8.690 min Scan# 2286

Delta R.T. 0.000 min

Lab File: VU043738.D

Acq: 14 May 2021 06:55

Tgt Ion: 43 Resp: 463565

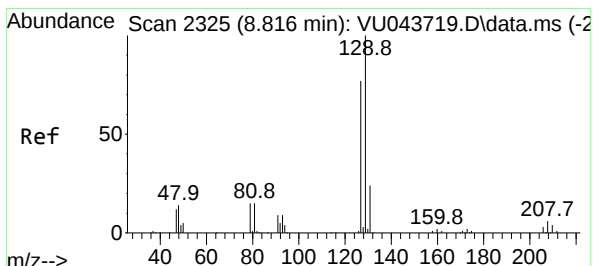
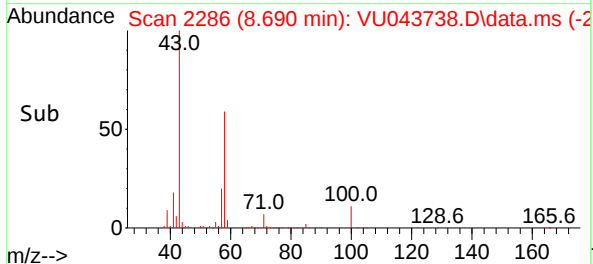
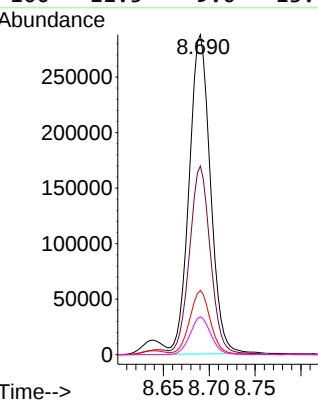
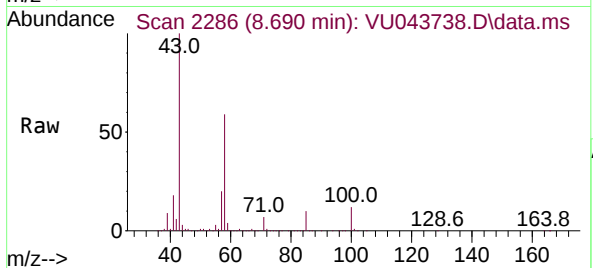
Ion Ratio Lower Upper

43 100

58 58.3 46.2 69.2

57 19.7 15.9 23.9

100 11.5 9.0 13.6



#49

Dibromochloromethane

Concen: 50.55 ug/L

RT: 8.816 min Scan# 2325

Delta R.T. 0.000 min

Lab File: VU043738.D

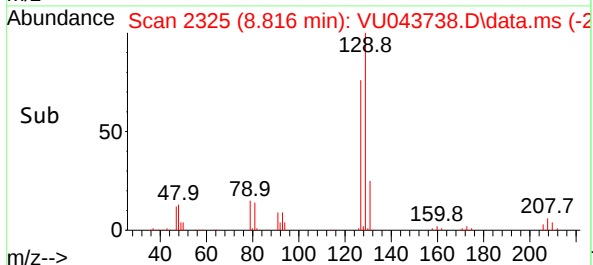
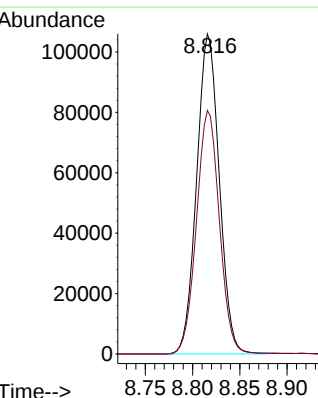
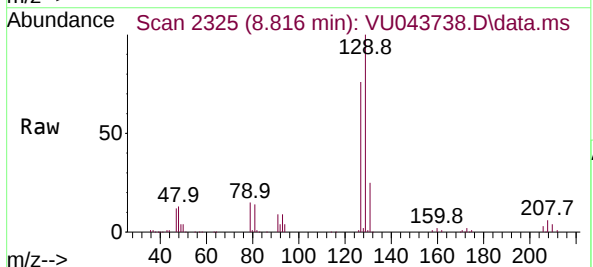
Acq: 14 May 2021 06:55

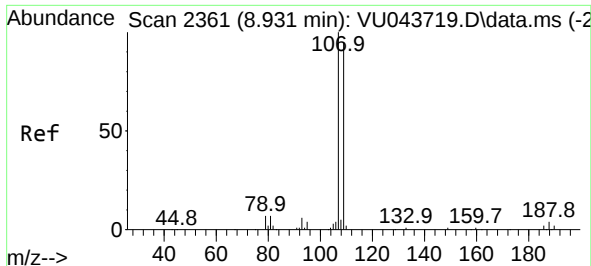
Tgt Ion:129 Resp: 176611

Ion Ratio Lower Upper

129 100

127 76.1 54.5 101.1

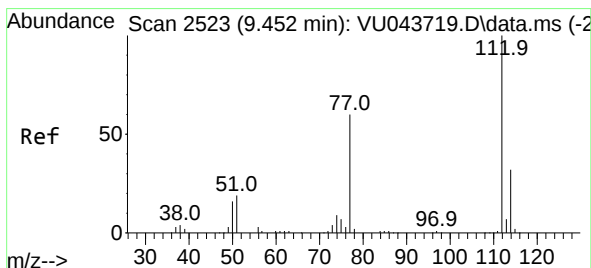
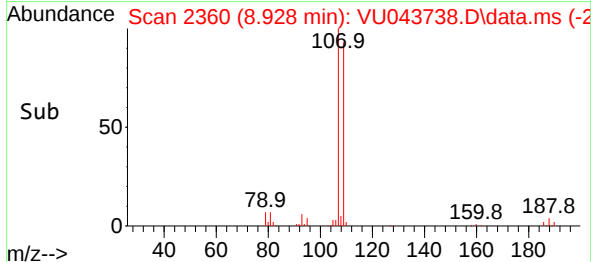
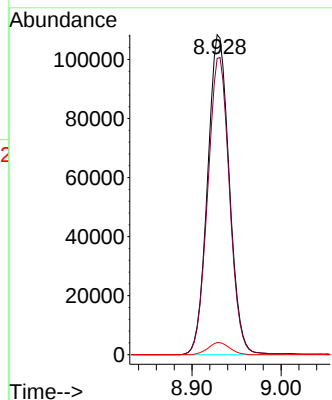
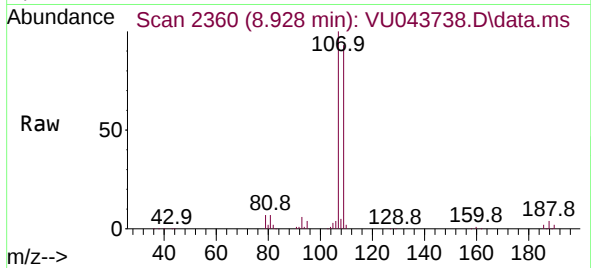




#50
1,2-Dibromoethane
Concen: 51.79 ug/L
RT: 8.928 min Scan# 2360
Delta R.T. -0.003 min
Lab File: VU043738.D
Acq: 14 May 2021 06:55

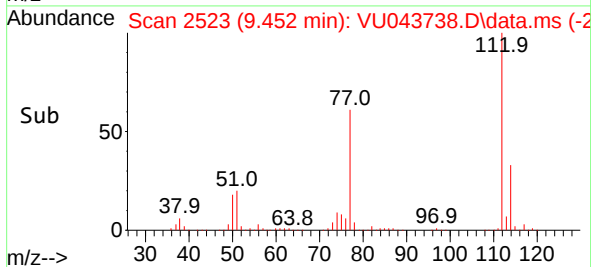
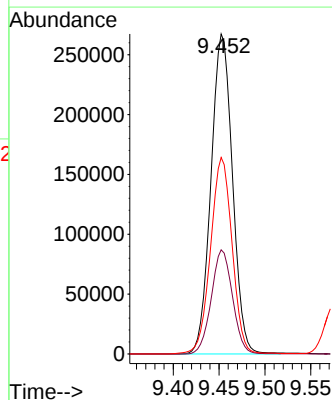
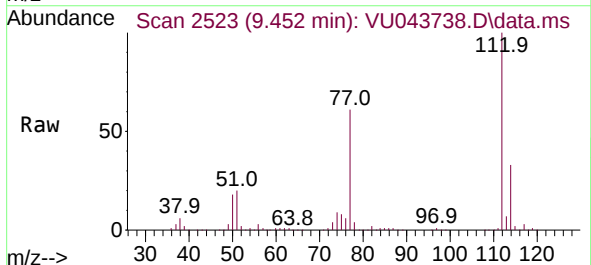
Instrument :
MSVOA_U
ClientSampleId :

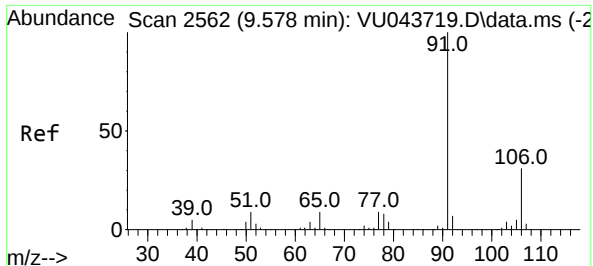
Tgt Ion:107 Resp: 183270
Ion Ratio Lower Upper
107 100
109 92.6 66.5 123.5
188 3.8 3.2 4.8



#51
Chlorobenzene
Concen: 49.77 ug/L
RT: 9.452 min Scan# 2523
Delta R.T. 0.000 min
Lab File: VU043738.D
Acq: 14 May 2021 06:55

Tgt Ion:112 Resp: 436228
Ion Ratio Lower Upper
112 100
114 32.6 22.7 42.1
77 61.4 48.5 72.7





#52

Ethylbenzene

Concen: 50.96 ug/L

RT: 9.578 min Scan# 2562

Delta R.T. 0.000 min

Lab File: VU043738.D

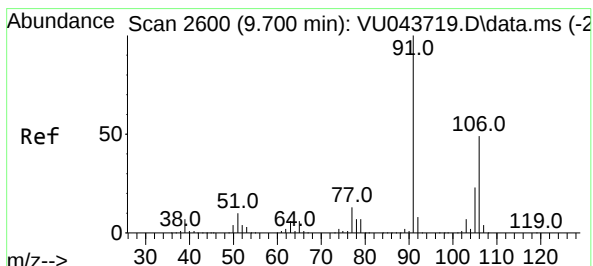
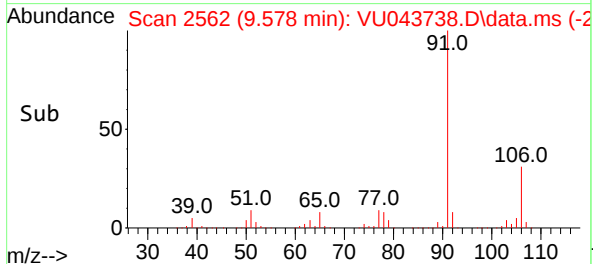
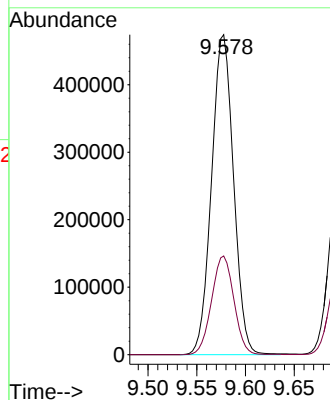
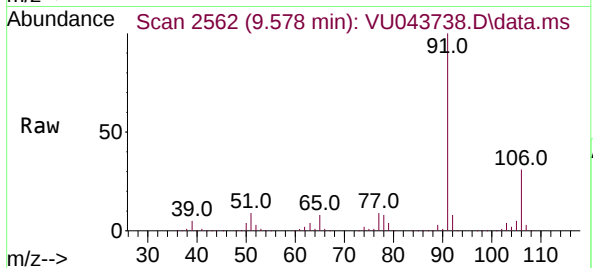
Acq: 14 May 2021 06:55

Tgt Ion: 91 Resp: 744454

Ion Ratio Lower Upper

91 100

106 30.9 21.6 40.2



#53

m,p-Xylene

Concen: 51.40 ug/L

RT: 9.700 min Scan# 2600

Delta R.T. 0.000 min

Lab File: VU043738.D

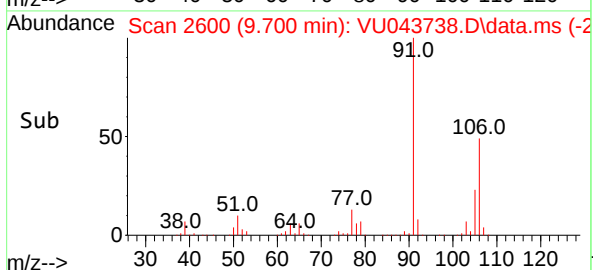
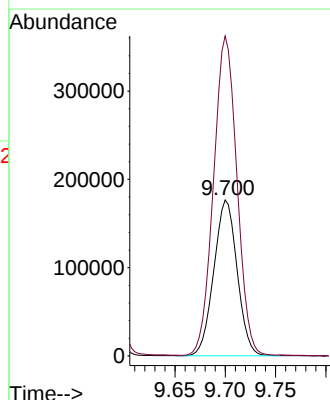
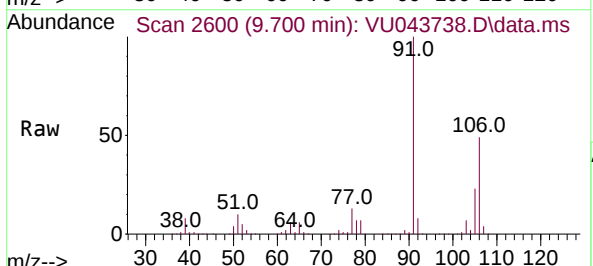
Acq: 14 May 2021 06:55

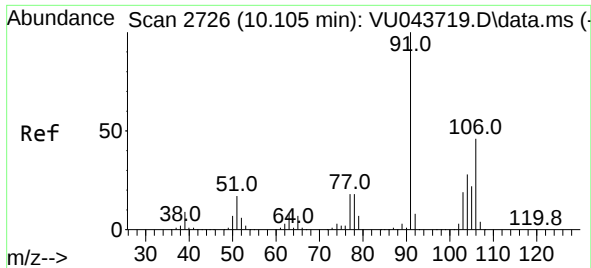
Tgt Ion: 106 Resp: 284291

Ion Ratio Lower Upper

106 100

91 205.1 142.9 265.5

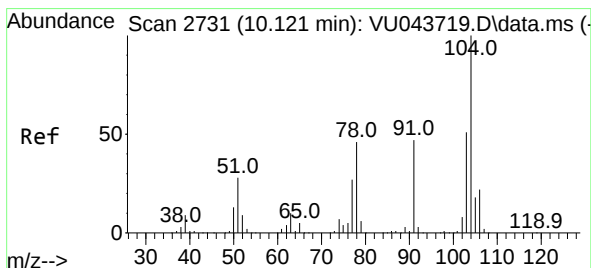
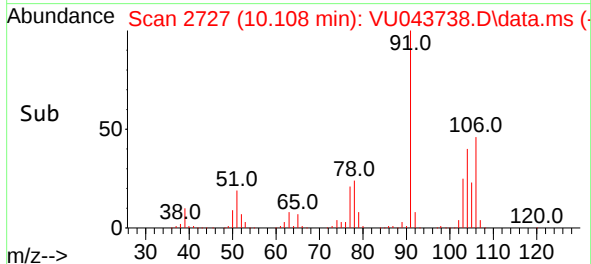
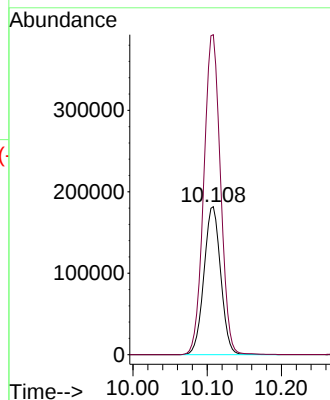
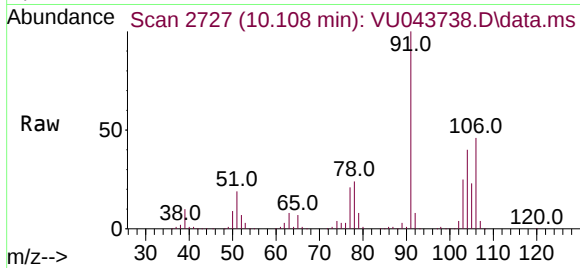




#54
o-xylene
Concen: 51.98 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. 0.003 min
Lab File: VU043738.D
Acq: 14 May 2021 06:55

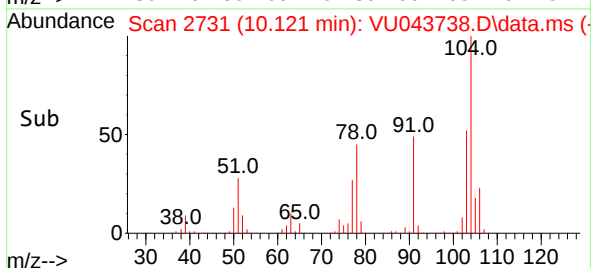
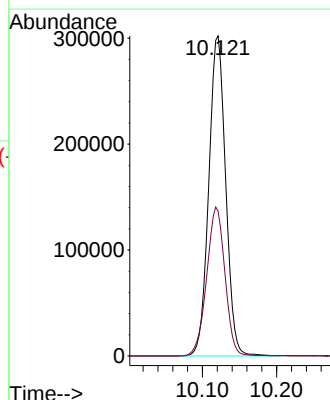
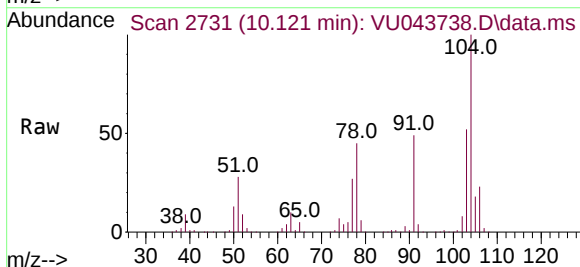
Instrument :
MSVOA_U
ClientSampled :

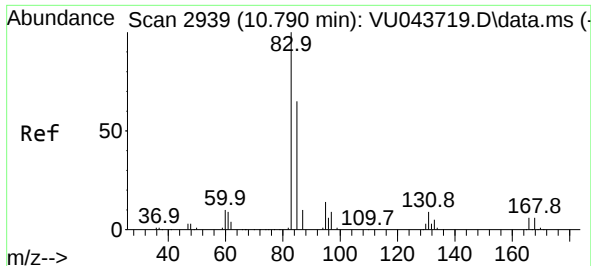
Tgt Ion:106 Resp: 284450
Ion Ratio Lower Upper
106 100
91 216.3 151.6 281.6



#55
Styrene
Concen: 51.70 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. 0.000 min
Lab File: VU043738.D
Acq: 14 May 2021 06:55

Tgt Ion:104 Resp: 477138
Ion Ratio Lower Upper
104 100
78 45.2 31.8 59.0

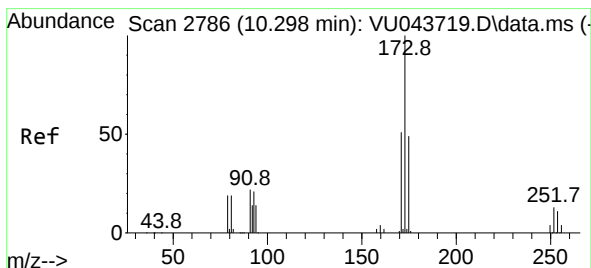
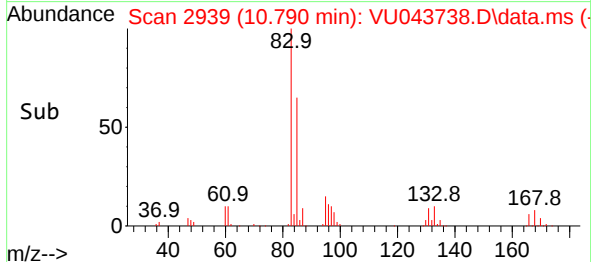
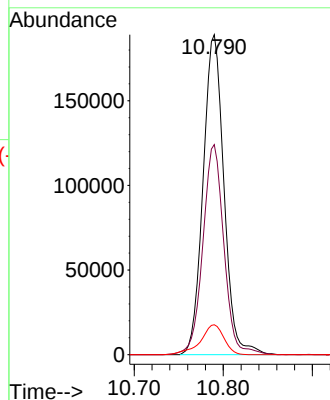
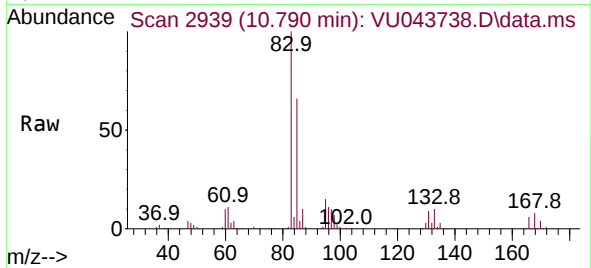




#57
1,1,2,2-Tetrachloroethane
Concen: 49.42 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. 0.000 min
Lab File: VU043738.D
Acq: 14 May 2021 06:55

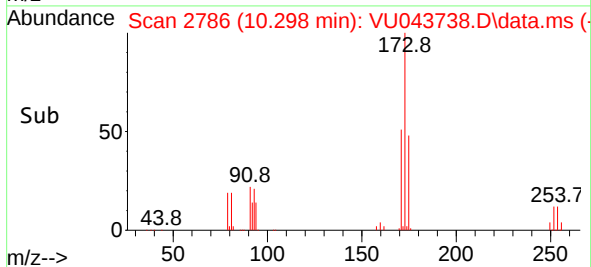
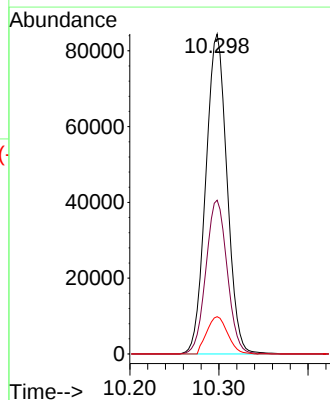
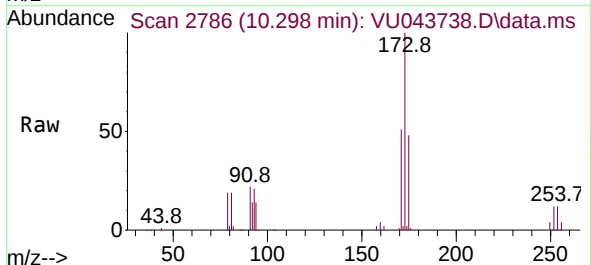
Instrument :
MSVOA_U
ClientSampleId :

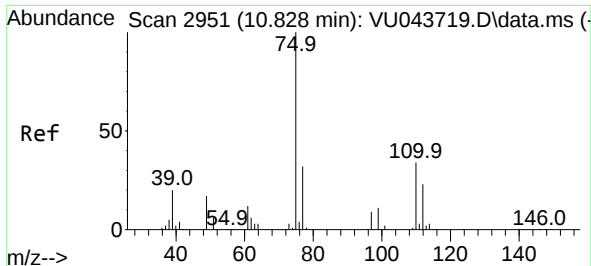
Tgt Ion: 83 Resp: 306833
Ion Ratio Lower Upper
83 100
85 65.7 44.5 82.7
131 9.4 7.4 11.2



#59
Bromoform
Concen: 50.62 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VU043738.D
Acq: 14 May 2021 06:55

Tgt Ion:173 Resp: 139431
Ion Ratio Lower Upper
173 100
175 48.2 38.6 57.8
254 11.5 6.8 10.2#

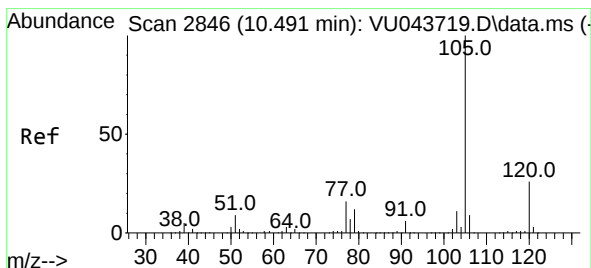
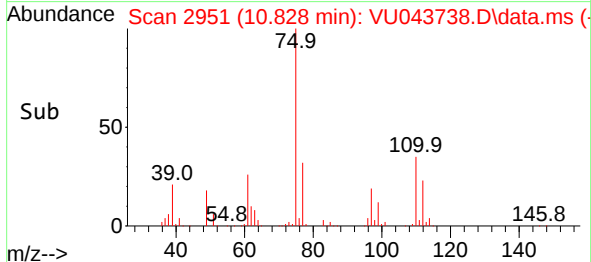
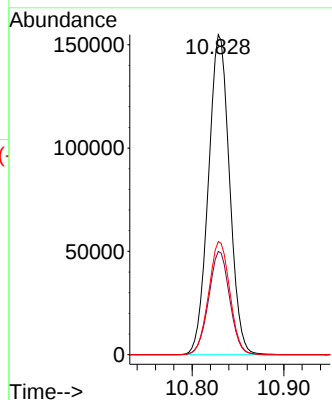
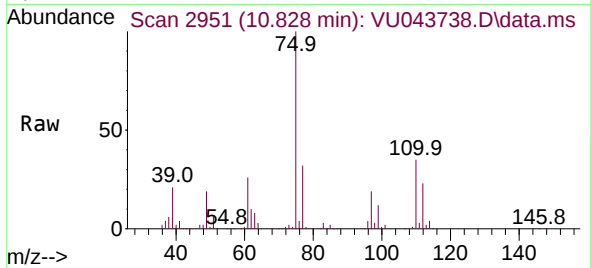




#60
1,2,3-Trichloropropane
Concen: 50.37 ug/L
RT: 10.828 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU043738.D
Acq: 14 May 2021 06:55

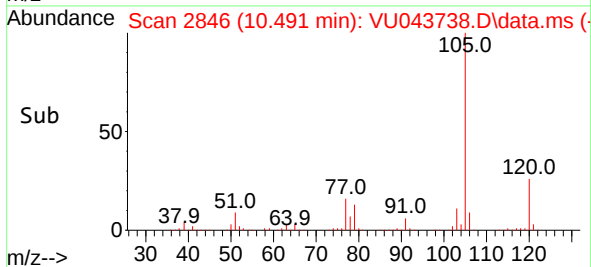
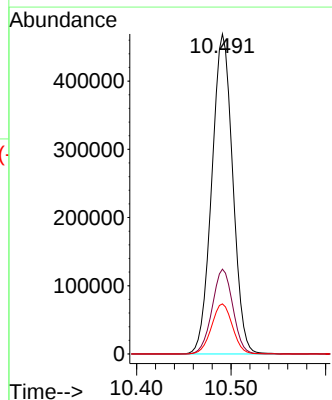
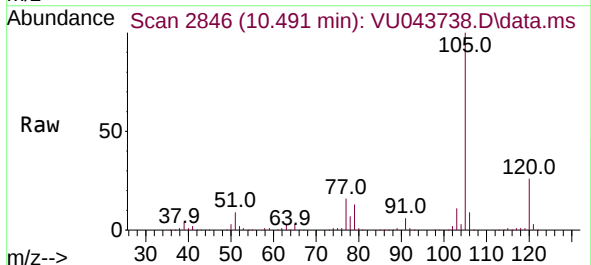
Instrument :
MSVOA_U
ClientSampled :

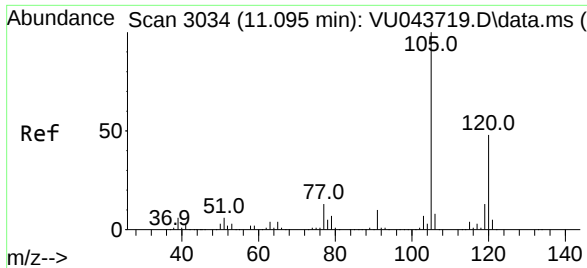
Tgt Ion: 75 Resp: 247757
Ion Ratio Lower Upper
75 100
77 32.2 25.8 38.6
110 35.5 28.9 43.3



#61
Isopropylbenzene
Concen: 52.32 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. 0.000 min
Lab File: VU043738.D
Acq: 14 May 2021 06:55

Tgt Ion: 105 Resp: 720228
Ion Ratio Lower Upper
105 100
120 26.3 21.0 31.4
77 15.7 12.5 18.7

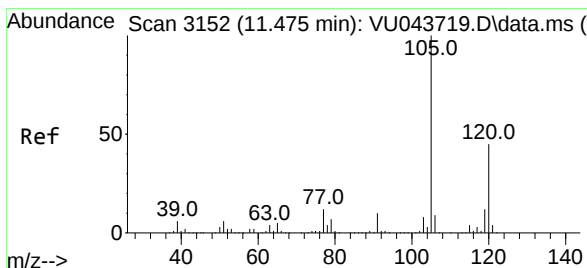
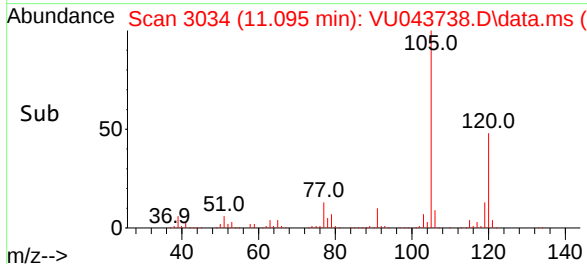
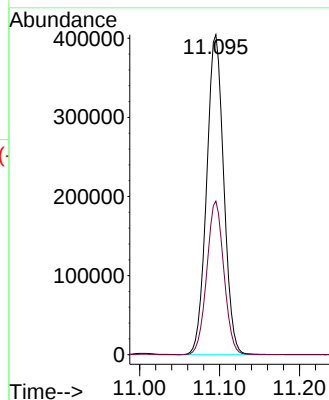
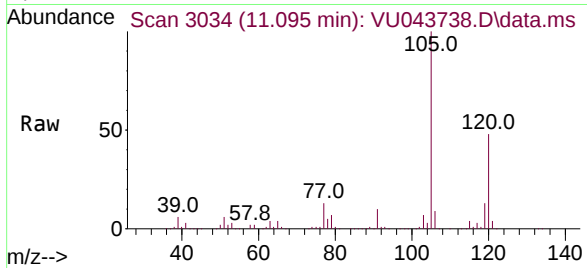




#62
1,3,5-Trimethylbenzene
Concen: 52.72 ug/L
RT: 11.095 min Scan# 3034
Delta R.T. 0.000 min
Lab File: VU043738.D
Acq: 14 May 2021 06:55

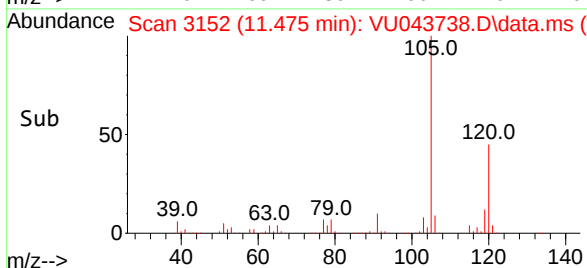
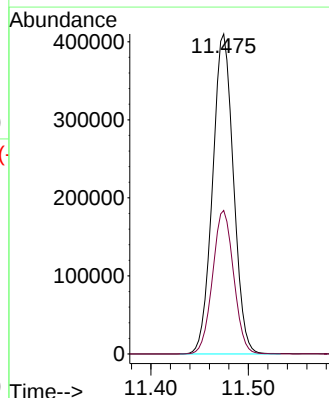
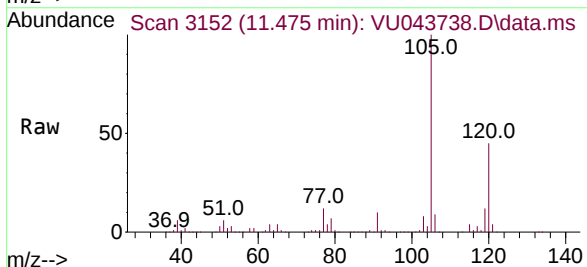
Instrument :
MSVOA_U
ClientSampled :

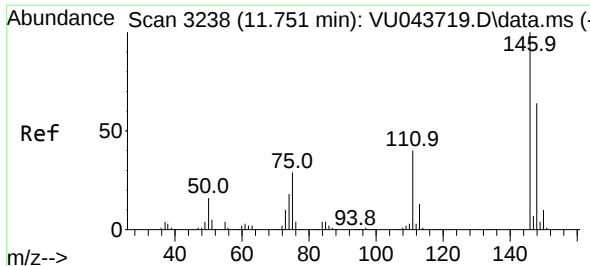
Tgt Ion:105 Resp: 602642
Ion Ratio Lower Upper
105 100
120 48.0 38.7 58.1



#63
1,2,4-Trimethylbenzene
Concen: 53.16 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VU043738.D
Acq: 14 May 2021 06:55

Tgt Ion:105 Resp: 610242
Ion Ratio Lower Upper
105 100
120 45.2 36.2 54.2

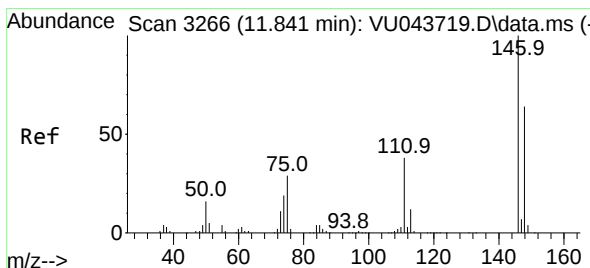
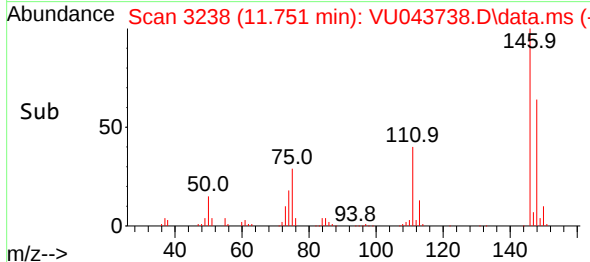
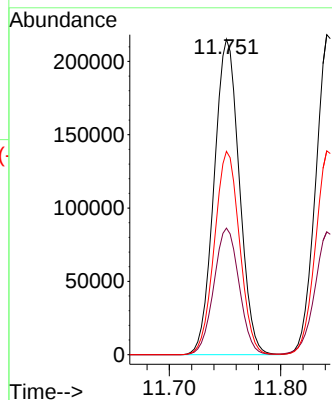
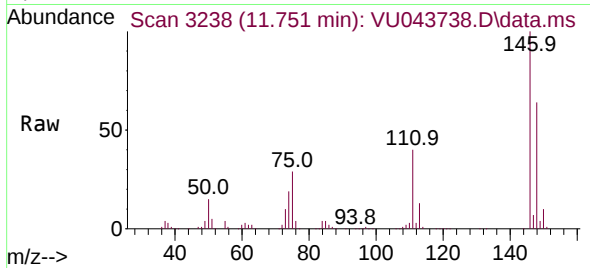




#64
1,3-Dichlorobenzene
Concen: 50.57 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. 0.000 min
Lab File: VU043738.D
Acq: 14 May 2021 06:55

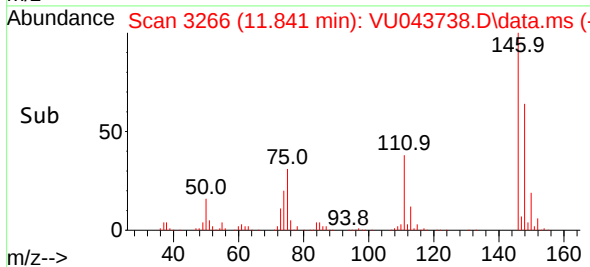
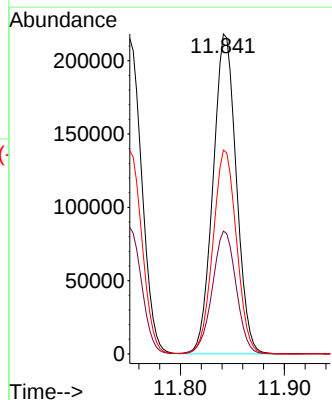
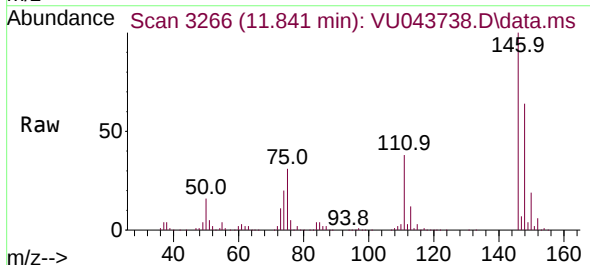
Instrument :
MSVOA_U
ClientSampled :

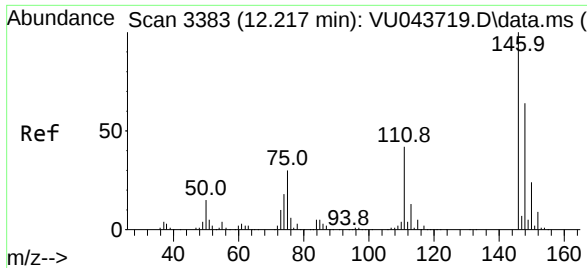
Tgt Ion:146 Resp: 338554
Ion Ratio Lower Upper
146 100
111 40.1 27.8 51.6
148 64.4 44.9 83.3



#65
1,4-Dichlorobenzene
Concen: 49.75 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. 0.000 min
Lab File: VU043738.D
Acq: 14 May 2021 06:55

Tgt Ion:146 Resp: 339736
Ion Ratio Lower Upper
146 100
111 38.4 27.1 50.3
148 63.7 45.4 84.4

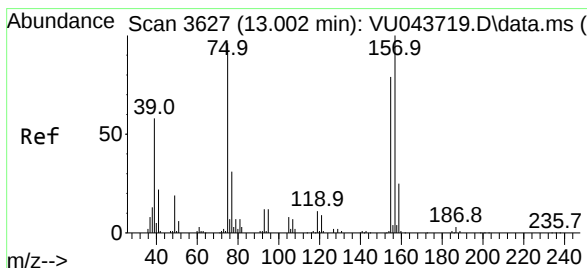
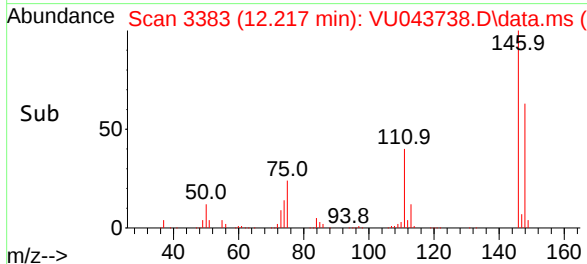
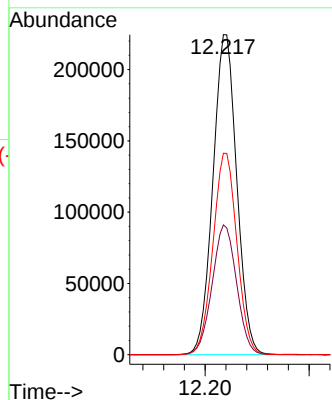
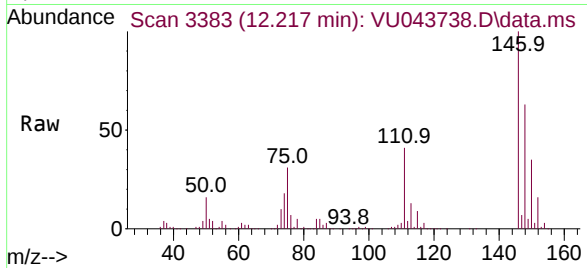




#67
1,2-Dichlorobenzene
Concen: 51.28 ug/L
RT: 12.217 min Scan# 3383
Delta R.T. 0.000 min
Lab File: VU043738.D
Acq: 14 May 2021 06:55

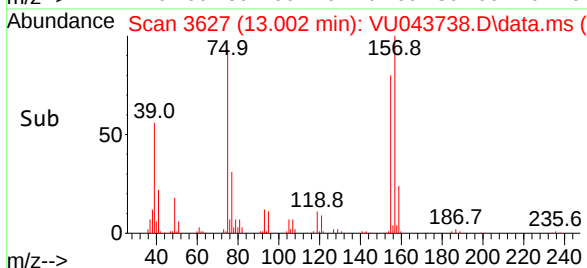
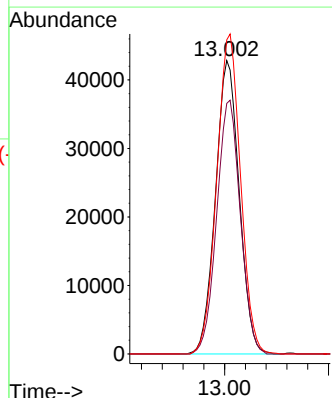
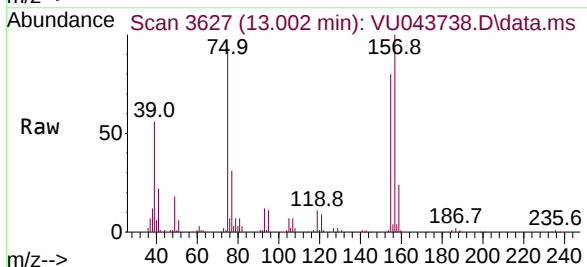
Instrument :
MSVOA_U
ClientSampled :

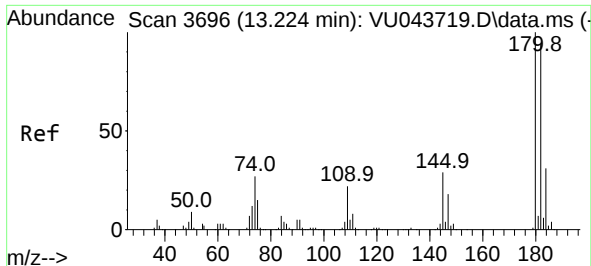
Tgt Ion:146 Resp: 357595
Ion Ratio Lower Upper
146 100
111 40.5 33.5 50.3
148 63.0 51.7 77.5



#68
1,2-Dibromo-3-chloropropane
Concen: 50.53 ug/L
RT: 13.002 min Scan# 3627
Delta R.T. 0.000 min
Lab File: VU043738.D
Acq: 14 May 2021 06:55

Tgt Ion: 75 Resp: 68045
Ion Ratio Lower Upper
75 100
155 85.4 72.5 108.7
157 111.6 92.3 138.5

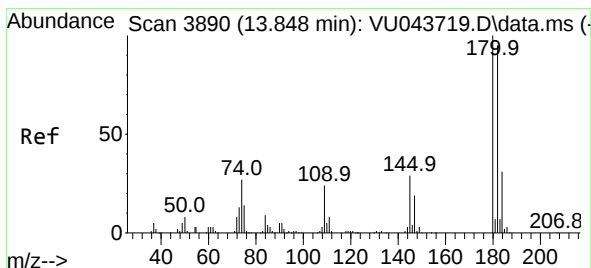
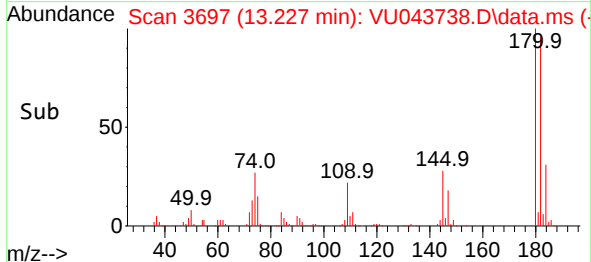
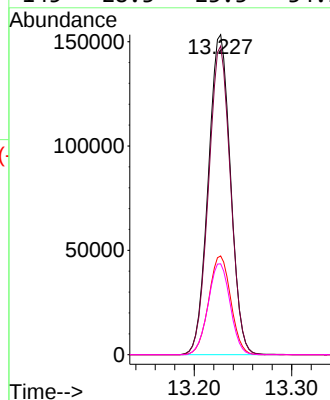
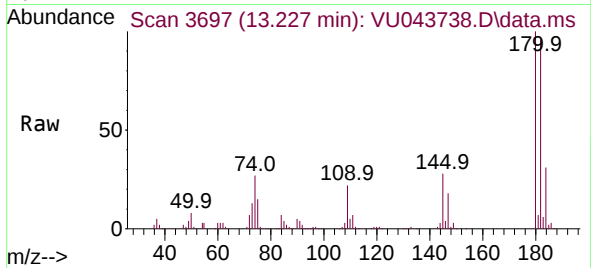




#69
1,3,5-Trichlorobenzene
Concen: 48.90 ug/L
RT: 13.227 min Scan# 3697
Delta R.T. 0.003 min
Lab File: VU043738.D
Acq: 14 May 2021 06:55

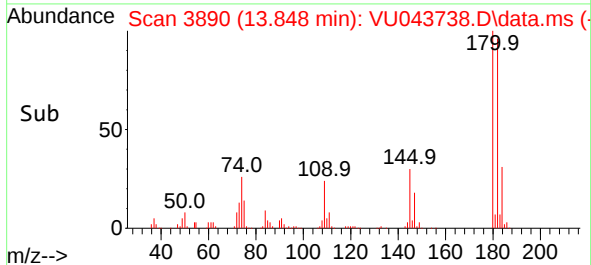
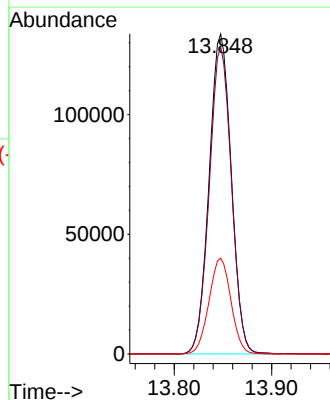
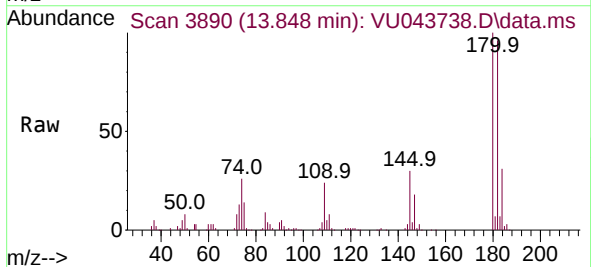
Instrument :
MSVOA_U
ClientSampleId :

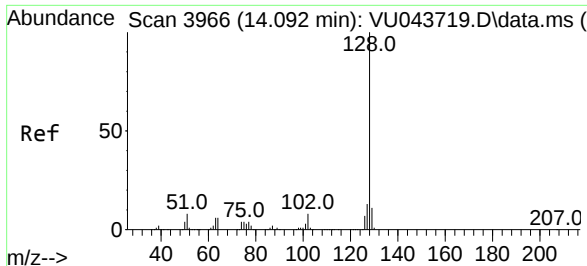
Tgt Ion:180	Resp: 242623
Ion Ratio	Lower Upper
180	100
182	95.5 76.4 114.6
184	30.8 25.0 37.4
145	28.3 23.3 34.9



#70
1,2,4-trichlorobenzene
Concen: 49.83 ug/L
RT: 13.848 min Scan# 3890
Delta R.T. 0.000 min
Lab File: VU043738.D
Acq: 14 May 2021 06:55

Tgt Ion:180	Resp: 211183
Ion Ratio	Lower Upper
180	100
182	95.9 75.9 113.9
145	29.7 23.4 35.0

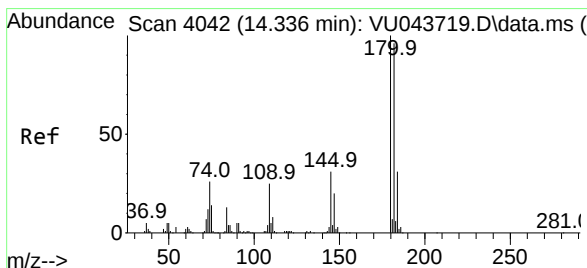
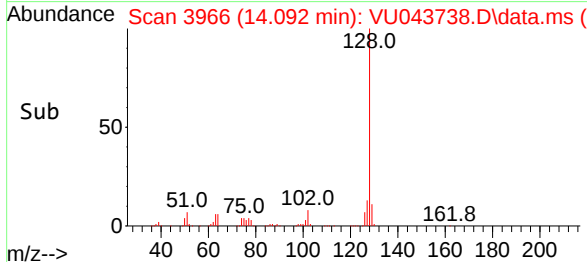
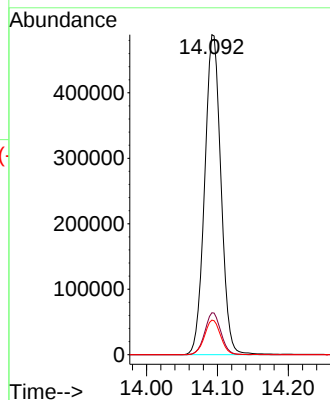
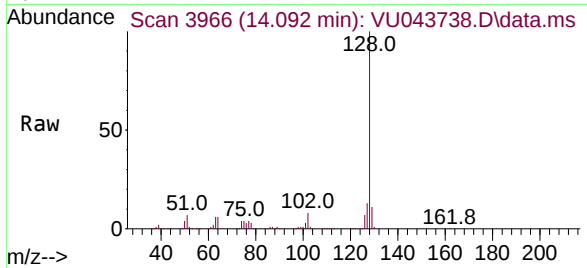




#71
Naphthalene
Concen: 55.17 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VU043738.D
Acq: 14 May 2021 06:55

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 780158
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.7 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 52.04 ug/L
RT: 14.336 min Scan# 4042
Delta R.T. 0.000 min
Lab File: VU043738.D
Acq: 14 May 2021 06:55

Tgt Ion:180 Resp: 232198
Ion Ratio Lower Upper
180 100
182 95.7 76.9 115.3
145 30.9 24.9 37.3

