

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051421\
 Data File : VU043718.D
 Acq On : 13 May 2021 22:54
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 14 04:38:57 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	498298	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	479984	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	255541	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	200598	48.62	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	97.24%		
7) Chloroethane-d5	1.909	69	144295	48.64	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	97.28%		
11) 1,1-Dichloroethene-d2	2.571	63	347071	49.41	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	98.82%		
21) 2-Butanone-d5	4.626	46	333043	103.19	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	103.19%		
24) Chloroform-d	5.073	84	342648	48.94	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.88%		
26) 1,2-Dichloroethane-d4	5.710	65	210926	48.60	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.20%		
32) Benzene-d6	5.735	84	713258	50.14	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.28%		
36) 1,2-Dichloropropane-d6	6.697	67	231021	49.79	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	99.58%		
41) Toluene-d8	7.906	98	651099	50.87	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.74%		
43) trans-1,3-Dichloroprop...	8.185	79	103664	51.10	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	102.20%		
47) 2-Hexanone-d5	8.639	63	235528	106.01	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	106.01%		
56) 1,1,2,2-Tetrachloroeth...	10.764	84	344293	49.03	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	98.06%		
66) 1,2-Dichlorobenzene-d4	12.198	152	252866	50.14	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	100.28%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	200728	47.86	ug/L	100
3) Chloromethane	1.523	50	236200	46.58	ug/L	100
5) Vinyl chloride	1.607	62	234475	47.56	ug/L	100
6) Bromomethane	1.845	94	135914	56.54	ug/L	99
8) Chloroethane	1.932	64	133728	47.92	ug/L	98
9) Trichlorofluoromethane	2.141	101	268592	48.20	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	173450	47.56	ug/L	98
12) 1,1-Dichloroethene	2.584	96	172342	47.91	ug/L	98
13) Acetone	2.629	43	223467	99.17	ug/L	98
14) Carbon disulfide	2.800	76	550292	48.45	ug/L	100
15) Methyl Acetate	2.951	43	252707	49.42	ug/L	100
16) Methylene chloride	3.051	84	228503	42.41	ug/L	99
17) trans-1,2-Dichloroethene	3.359	96	180573	48.52	ug/L	99
18) Methyl tert-butyl Ether	3.369	73	560897	49.69	ug/L	100
19) 1,1-Dichloroethane	3.877	63	350350	48.16	ug/L	98
20) cis-1,2-Dichloroethene	4.674	96	200646	48.94	ug/L	97
22) 2-Butanone	4.706	43	374574	100.99	ug/L	99
23) Bromochloromethane	4.983	128	107459	48.30	ug/L	94
25) Chloroform	5.095	83	342134	48.02	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051421\
 Data File : VU043718.D
 Acq On : 13 May 2021 22:54
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

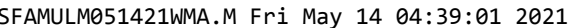
Instrument :
 MSVOA_U
 ClientSampleId :

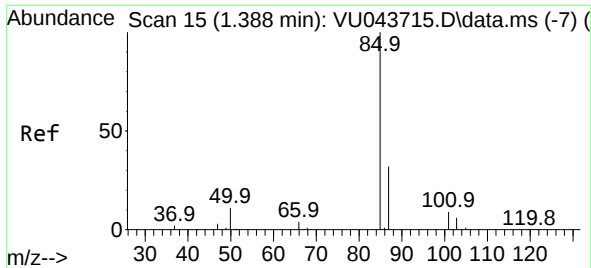
Quant Time: May 14 04:38:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051421WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 14 04:23:32 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	264190	48.11	ug/L	99
29) Cyclohexane	5.398	56	324006	50.71	ug/L	99
30) 1,1,1-Trichloroethane	5.324	97	281988	48.74	ug/L	100
31) Carbon tetrachloride	5.533	117	232563	48.96	ug/L	99
33) Benzene	5.780	78	796922	49.11	ug/L	100
34) Trichloroethene	6.549	95	191649	48.56	ug/L	97
35) Methylcyclohexane	6.771	83	311418	49.92	ug/L	99
37) 1,2-Dichloropropane	6.796	63	215239	48.57	ug/L	100
38) Bromodichloromethane	7.111	83	251809	47.99	ug/L	99
39) cis-1,3-Dichloropropene	7.613	75	300542	49.66	ug/L	100
40) 4-Methyl-2-pentanone	7.796	43	676145	101.38	ug/L	100
42) Toluene	7.976	91	842324	49.66	ug/L	99
44) trans-1,3-Dichloropropene	8.218	75	284327	49.95	ug/L	100
45) 1,1,2-Trichloroethane	8.407	97	196981	48.26	ug/L	99
46) Tetrachloroethene	8.558	164	151374	48.75	ug/L	100
48) 2-Hexanone	8.690	43	555222	103.67	ug/L	100
49) Dibromochloromethane	8.816	129	202539	48.37	ug/L	100
50) 1,2-Dibromoethane	8.931	107	209184	49.32	ug/L	100
51) Chlorobenzene	9.452	112	507778	48.34	ug/L	99
52) Ethylbenzene	9.578	91	876948	50.09	ug/L	99
53) m,p-Xylene	9.700	106	335207	50.57	ug/L	99
54) o-xylene	10.105	106	334997	51.08	ug/L	99
55) Styrene	10.121	104	564487	51.04	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.790	83	357238	48.01	ug/L	99
59) Bromoform	10.298	173	161442	48.34	ug/L #	99
60) 1,2,3-Trichloropropane	10.828	75	289586	48.55	ug/L	100
61) Isopropylbenzene	10.491	105	846554	50.71	ug/L	99
62) 1,3,5-Trimethylbenzene	11.095	105	721817	52.08	ug/L	100
63) 1,2,4-Trimethylbenzene	11.475	105	734128	52.74	ug/L	100
64) 1,3-Dichlorobenzene	11.751	146	403036	49.65	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	405449	48.96	ug/L	100
67) 1,2-Dichlorobenzene	12.217	146	417259	49.35	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.002	75	82879	50.75	ug/L	93
69) 1,3,5-Trichlorobenzene	13.224	180	299874	49.84	ug/L	100
70) 1,2,4-trichlorobenzene	13.848	180	259225	50.44	ug/L	99
71) Naphthalene	14.092	128	928827	54.17	ug/L	100
72) 1,2,3-Trichlorobenzene	14.336	180	278779	51.52	ug/L	100

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

Quant Time: May 14 04:38:57 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

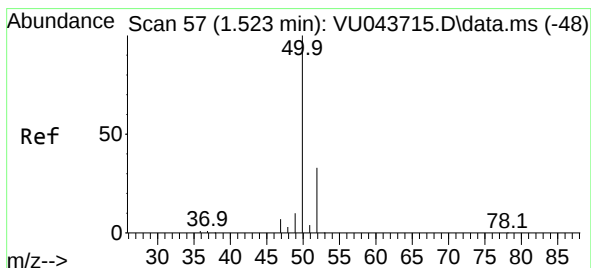
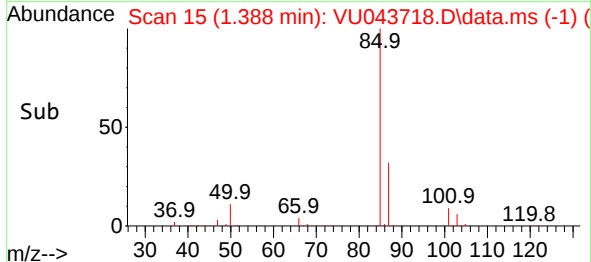
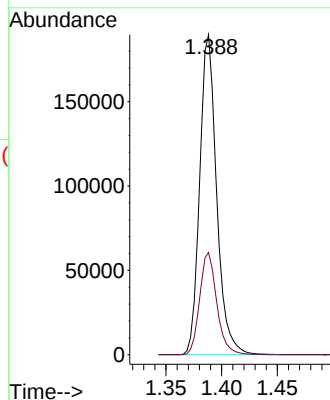
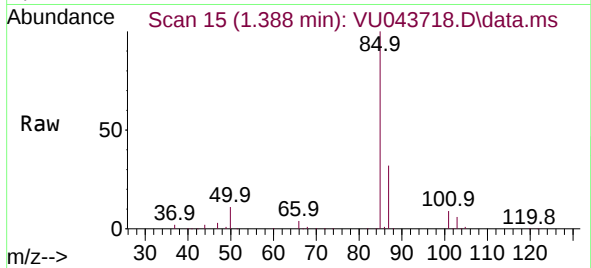




#2
Dichlorodifluoromethane
Concen: 47.86 ug/L
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU043718.D
Acq: 13 May 2021 22:54

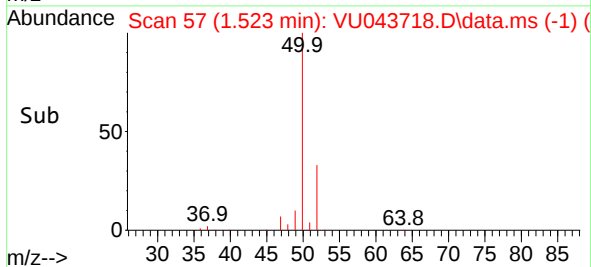
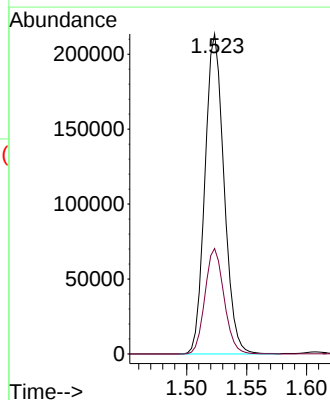
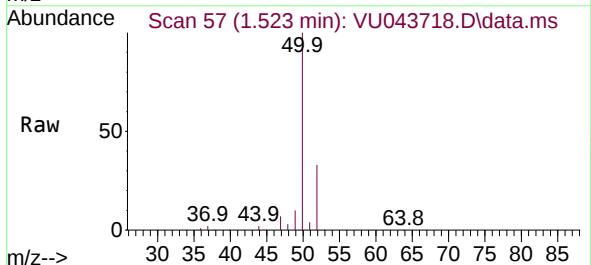
Instrument :
MSVOA_U
ClientSampled :

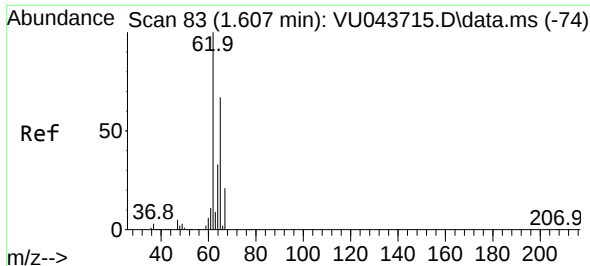
Tgt Ion: 85 Resp: 200728
Ion Ratio Lower Upper
85 100
87 32.2 25.9 38.9



#3
Chloromethane
Concen: 46.58 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU043718.D
Acq: 13 May 2021 22:54

Tgt Ion: 50 Resp: 236200
Ion Ratio Lower Upper
50 100
52 33.0 23.2 43.2

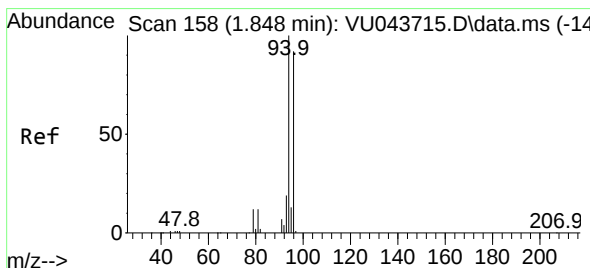
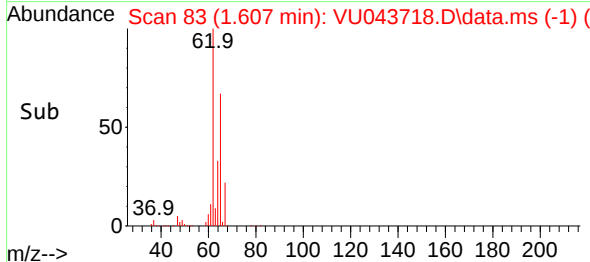
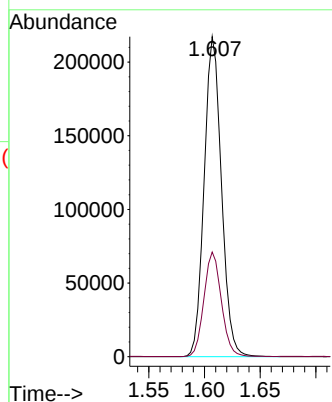
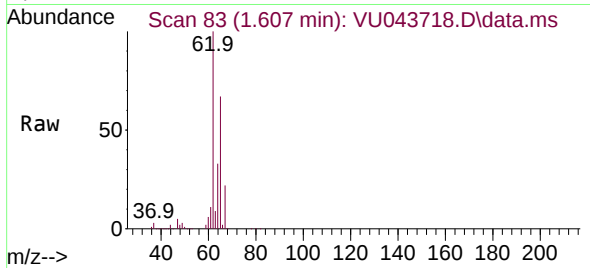




#5
 Vinyl chloride
 Concen: 47.56 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU043718.D
 Acq: 13 May 2021 22:54

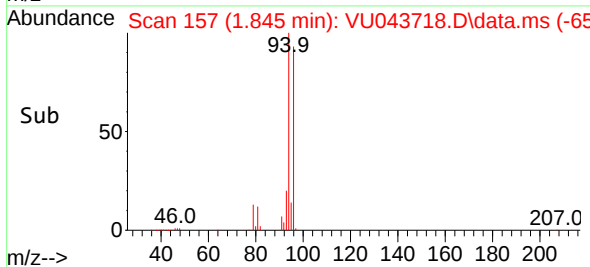
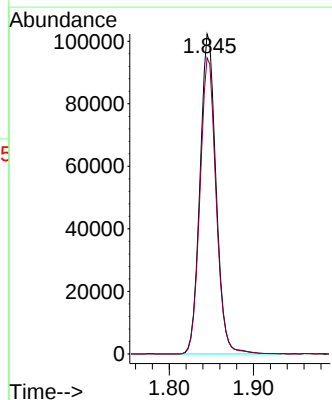
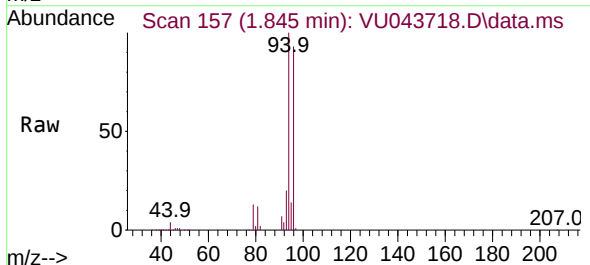
Instrument :
 MSVOA_U
 ClientSampled :

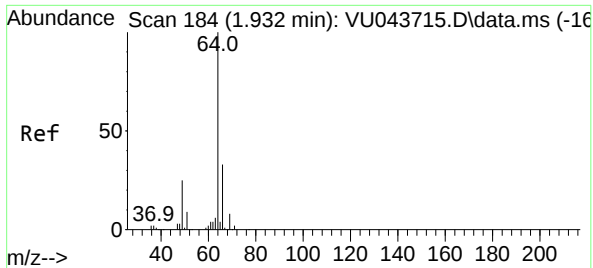
Tgt Ion: 62 Resp: 234475
 Ion Ratio Lower Upper
 62 100
 64 32.7 22.9 42.5



#6
 Bromomethane
 Concen: 56.54 ug/L
 RT: 1.845 min Scan# 157
 Delta R.T. -0.003 min
 Lab File: VU043718.D
 Acq: 13 May 2021 22:54

Tgt Ion: 94 Resp: 135914
 Ion Ratio Lower Upper
 94 100
 96 92.5 64.2 119.2

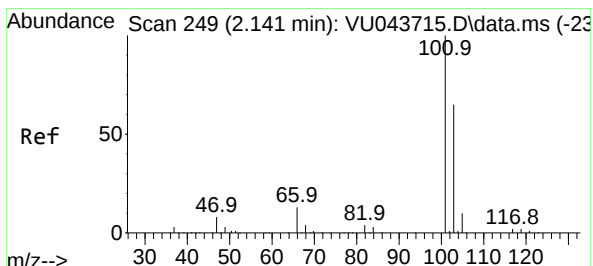
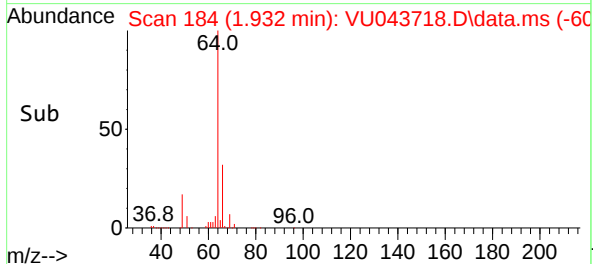
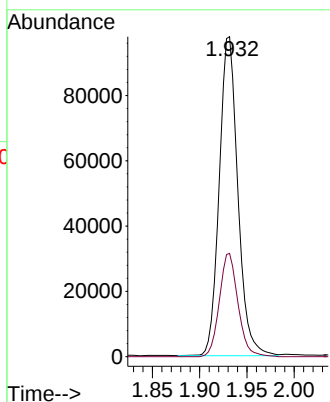
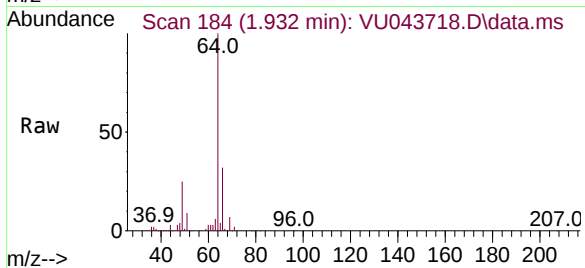




#8
Chloroethane
Concen: 47.92 ug/L
RT: 1.932 min Scan# 184
Delta R.T. -0.000 min
Lab File: VU043718.D
Acq: 13 May 2021 22:54

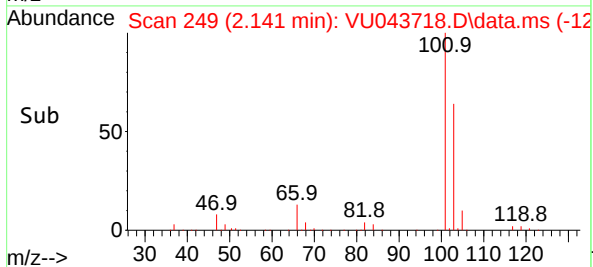
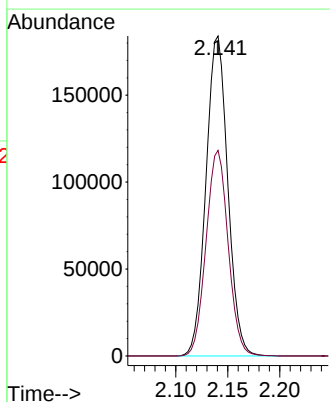
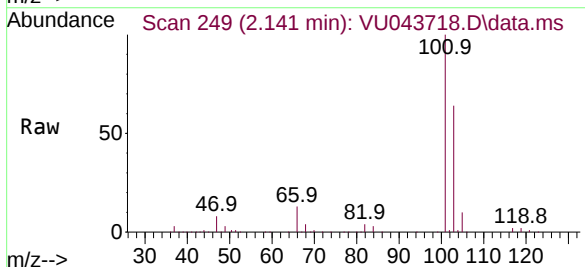
Instrument :
MSVOA_U
ClientSampled :

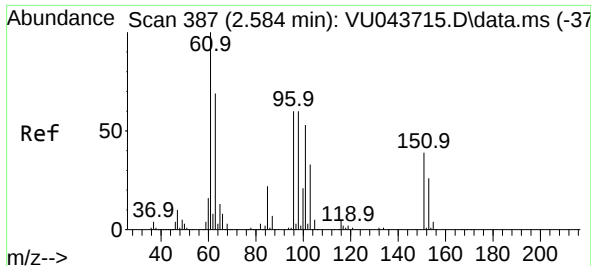
Tgt Ion: 64 Resp: 133728
Ion Ratio Lower Upper
64 100
66 32.3 23.2 43.2



#9
Trichlorofluoromethane
Concen: 48.20 ug/L
RT: 2.141 min Scan# 249
Delta R.T. -0.000 min
Lab File: VU043718.D
Acq: 13 May 2021 22:54

Tgt Ion:101 Resp: 268592
Ion Ratio Lower Upper
101 100
103 65.1 52.3 78.5

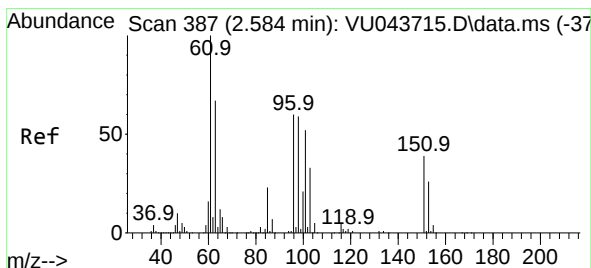
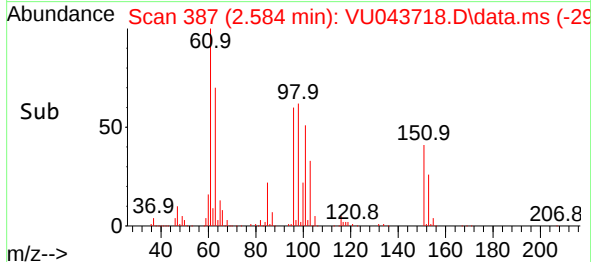
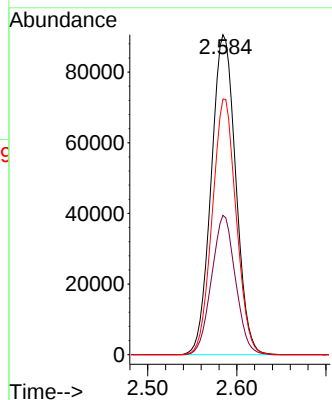
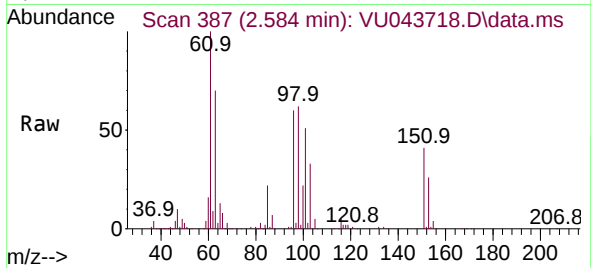




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 47.56 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.000 min
Lab File: VU043718.D
Acq: 13 May 2021 22:54

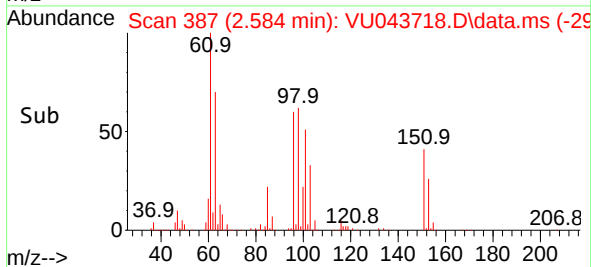
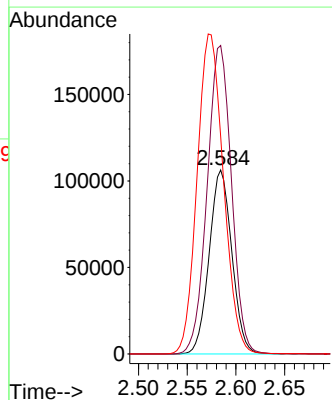
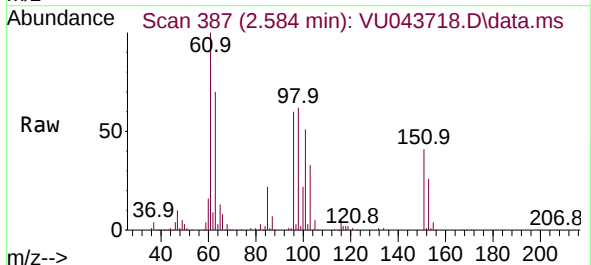
Instrument :
MSVOA_U
ClientSampleId :

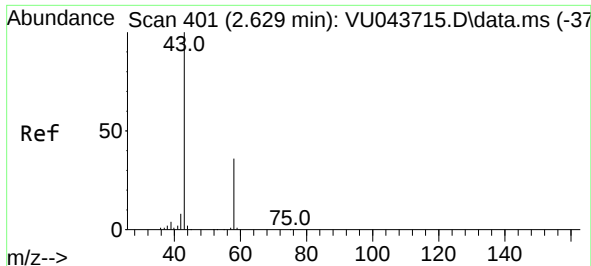
Tgt Ion:101 Resp: 173450
Ion Ratio Lower Upper
101 100
85 42.3 34.2 51.4
151 77.9 60.4 90.6



#12
1,1-Dichloroethene
Concen: 47.91 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.000 min
Lab File: VU043718.D
Acq: 13 May 2021 22:54

Tgt Ion: 96 Resp: 172342
Ion Ratio Lower Upper
96 100
61 167.7 116.3 215.9
63 118.2 80.8 150.2

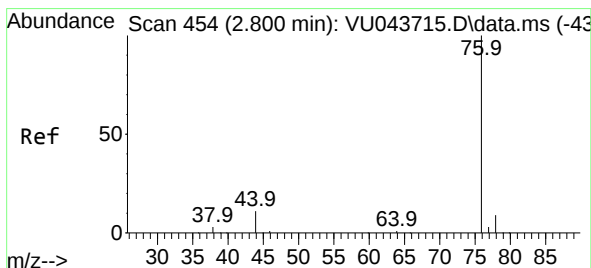
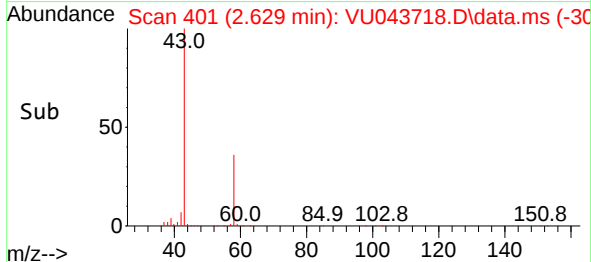
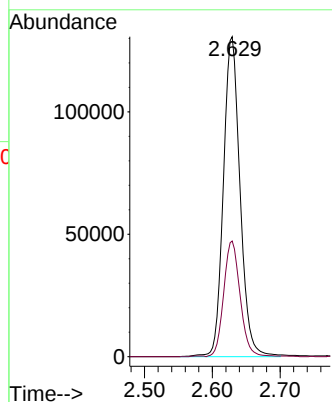
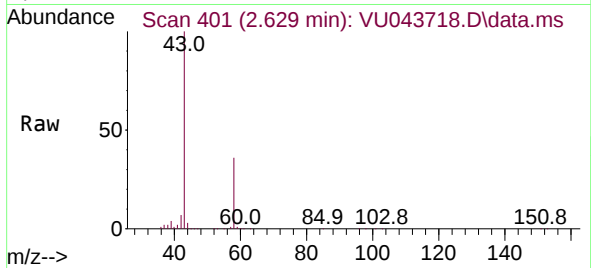




#13
Acetone
Concen: 99.17 ug/L
RT: 2.629 min Scan# 401
Delta R.T. -0.000 min
Lab File: VU043718.D
Acq: 13 May 2021 22:54

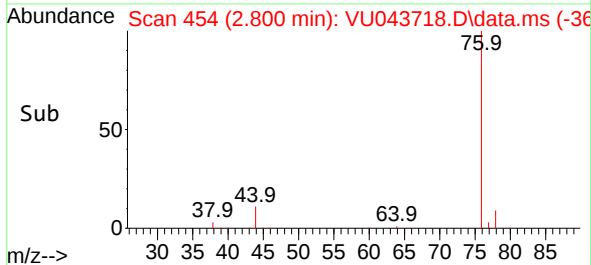
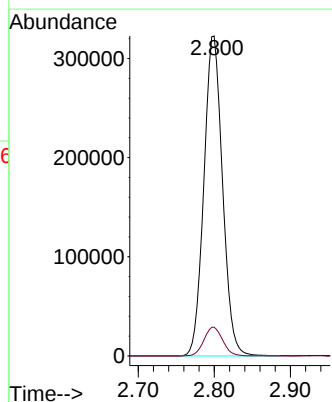
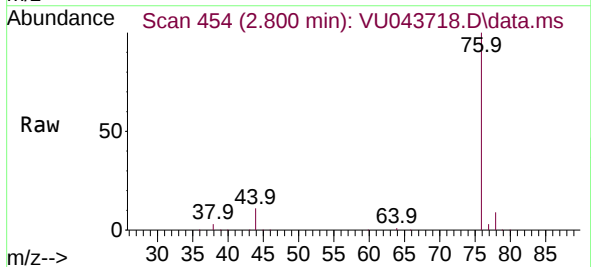
Instrument :
MSVOA_U
ClientSampleId :

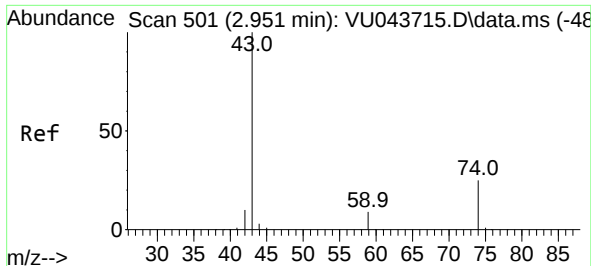
Tgt Ion: 43 Resp: 223467
Ion Ratio Lower Upper
43 100
58 35.7 0.0 69.4



#14
Carbon disulfide
Concen: 48.45 ug/L
RT: 2.800 min Scan# 454
Delta R.T. -0.000 min
Lab File: VU043718.D
Acq: 13 May 2021 22:54

Tgt Ion: 76 Resp: 550292
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7

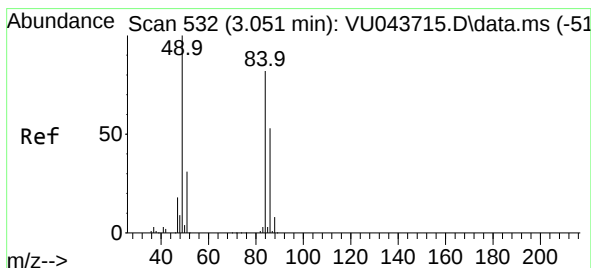
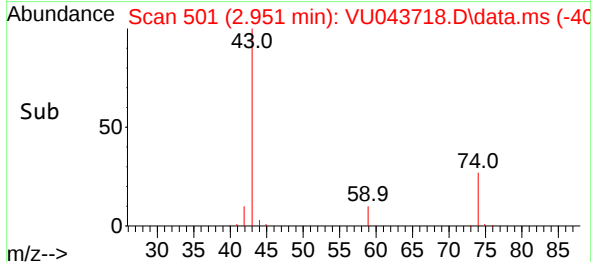
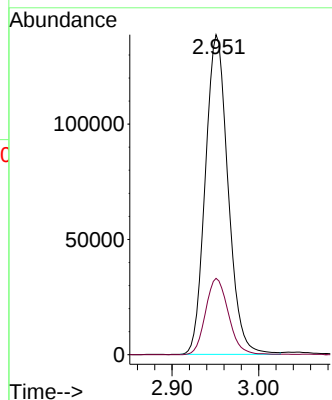
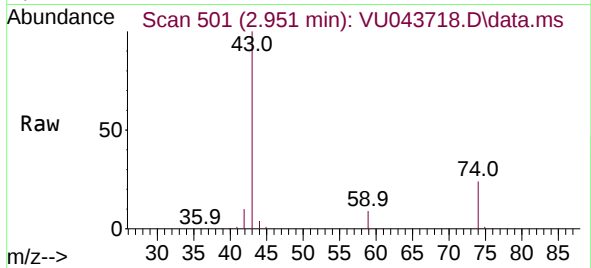




#15
Methyl Acetate
Concen: 49.42 ug/L
RT: 2.951 min Scan# 501
Delta R.T. -0.000 min
Lab File: VU043718.D
Acq: 13 May 2021 22:54

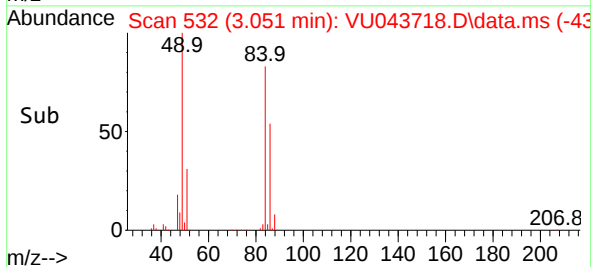
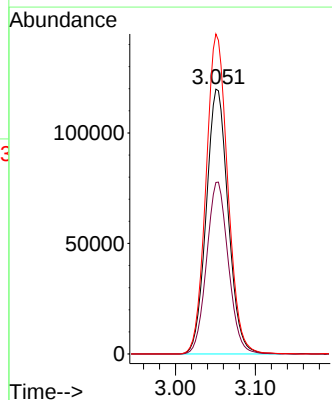
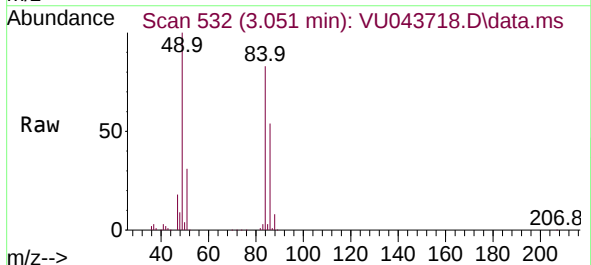
Instrument :
MSVOA_U
ClientSampled :

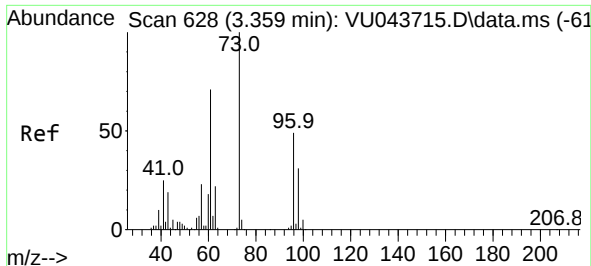
Tgt Ion: 43 Resp: 252707
Ion Ratio Lower Upper
43 100
74 24.0 19.3 28.9



#16
Methylene chloride
Concen: 42.41 ug/L
RT: 3.051 min Scan# 532
Delta R.T. -0.000 min
Lab File: VU043718.D
Acq: 13 May 2021 22:54

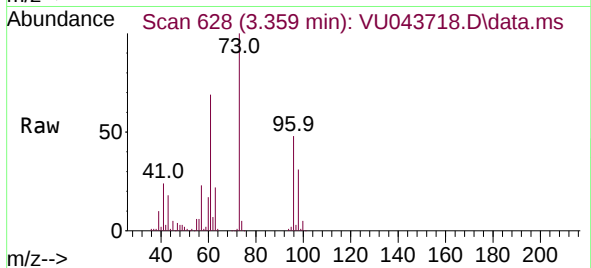
Tgt Ion: 84 Resp: 228503
Ion Ratio Lower Upper
84 100
86 64.8 44.9 83.5
49 120.8 84.9 157.7



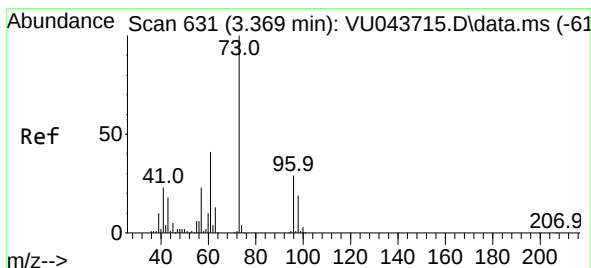
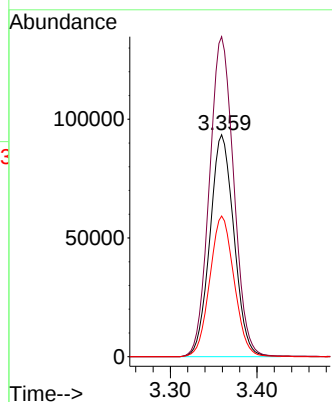
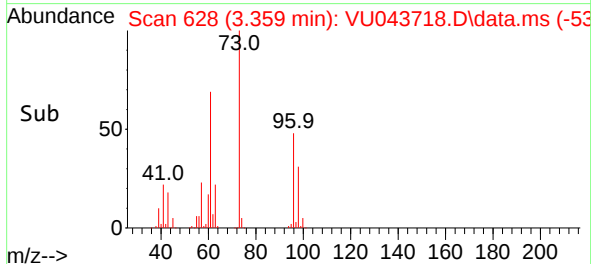


#17
trans-1,2-Dichloroethene
Concen: 48.52 ug/L
RT: 3.359 min Scan# 628
Delta R.T. -0.000 min
Lab File: VU043718.D
Acq: 13 May 2021 22:54

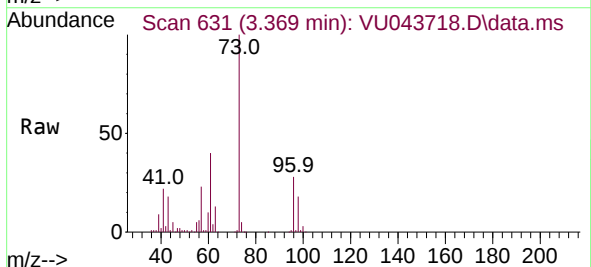
Instrument :
MSVOA_U
ClientSampleId :



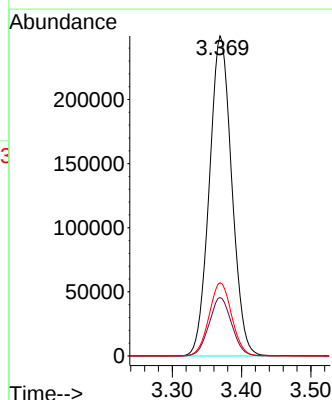
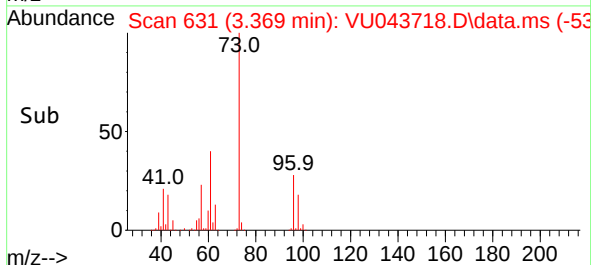
Tgt Ion: 96 Resp: 180573
Ion Ratio Lower Upper
96 100
61 144.2 101.5 188.5
98 63.3 44.9 83.5

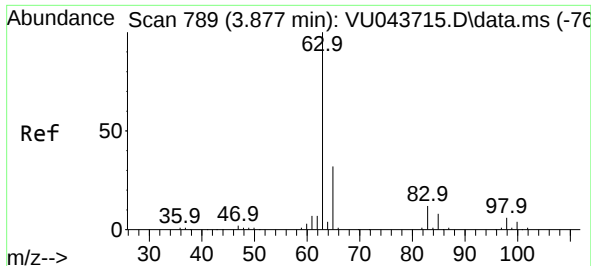


#18
Methyl tert-butyl Ether
Concen: 49.69 ug/L
RT: 3.369 min Scan# 631
Delta R.T. -0.000 min
Lab File: VU043718.D
Acq: 13 May 2021 22:54



Tgt Ion: 73 Resp: 560897
Ion Ratio Lower Upper
73 100
43 18.3 14.6 22.0
57 23.1 18.2 27.4



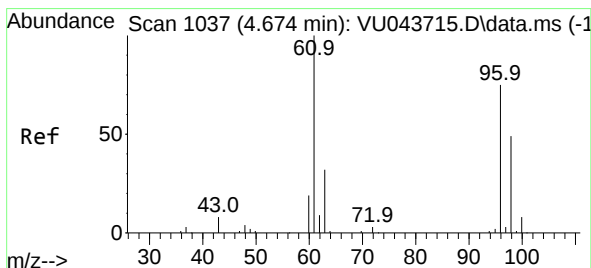
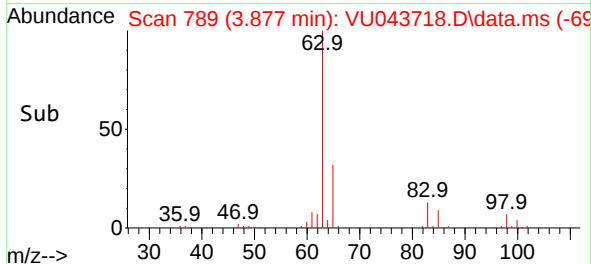
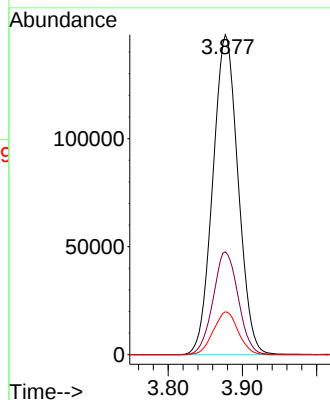
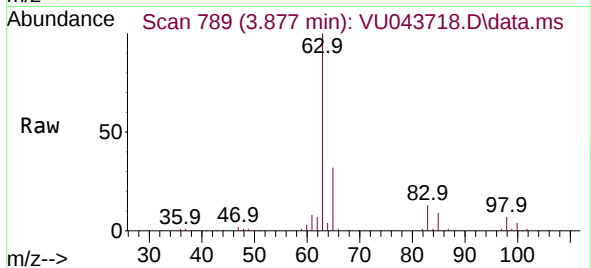


#19

1,1-Dichloroethane
Concen: 48.16 ug/L
RT: 3.877 min Scan# 789
Delta R.T. -0.000 min
Lab File: VU043718.D
Acq: 13 May 2021 22:54

Instrument :
MSVOA_U
ClientSampleId :

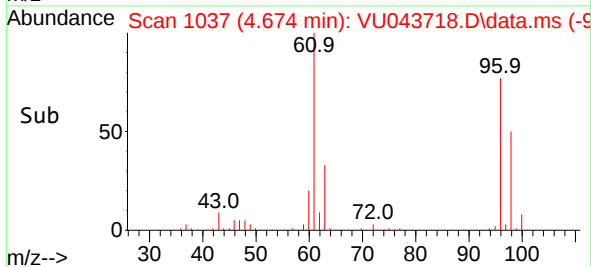
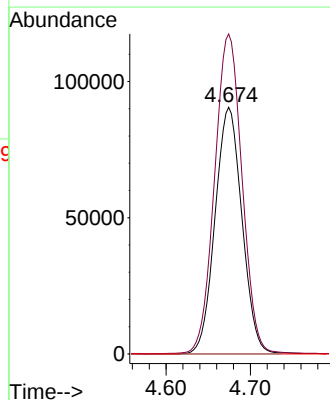
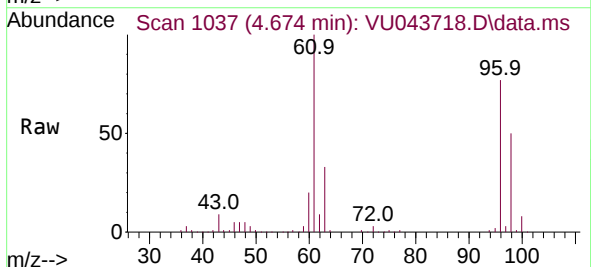
Tgt Ion: 63 Resp: 350350
Ion Ratio Lower Upper
63 100
65 32.1 22.0 41.0
83 13.4 8.7 16.1

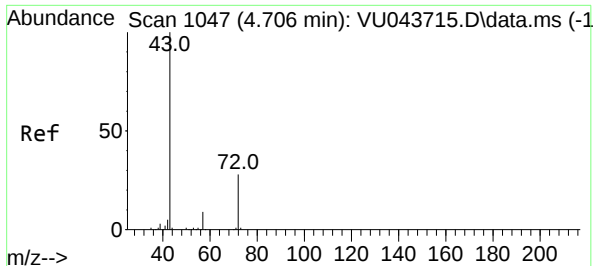


#20

cis-1,2-Dichloroethene
Concen: 48.94 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VU043718.D
Acq: 13 May 2021 22:54

Tgt Ion: 96 Resp: 200646
Ion Ratio Lower Upper
96 100
61 129.7 93.1 172.9
68 0.0 0.0 0.0

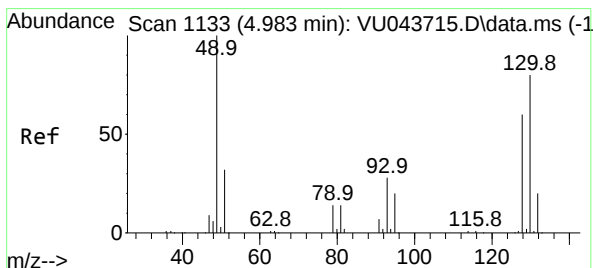
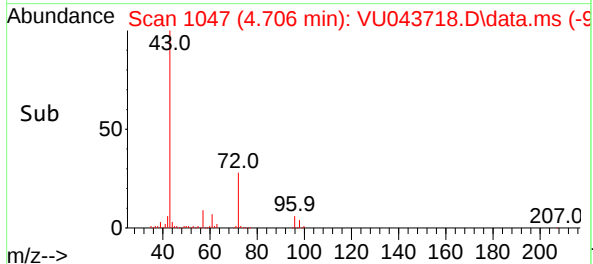
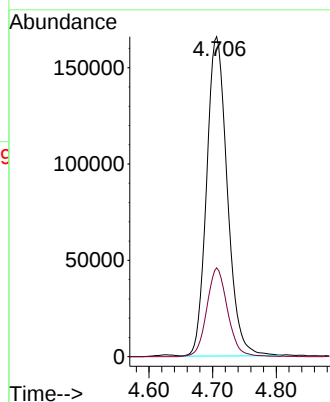
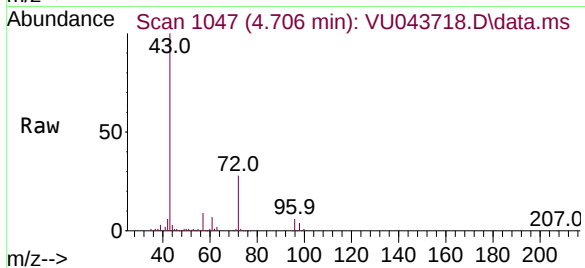




#22
2-Butanone
Concen: 100.99 ug/L
RT: 4.706 min Scan# 1047
Delta R.T. -0.000 min
Lab File: VU043718.D
Acq: 13 May 2021 22:54

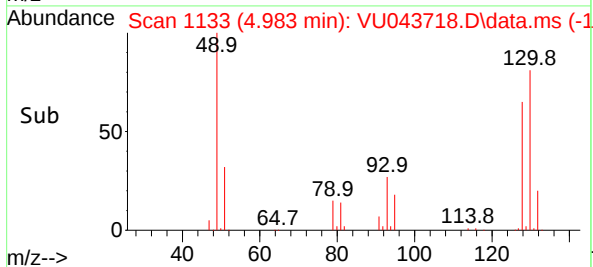
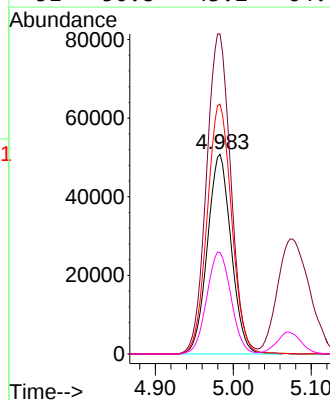
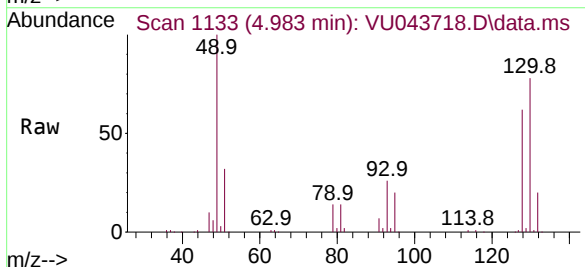
Instrument :
MSVOA_U
ClientSampled :

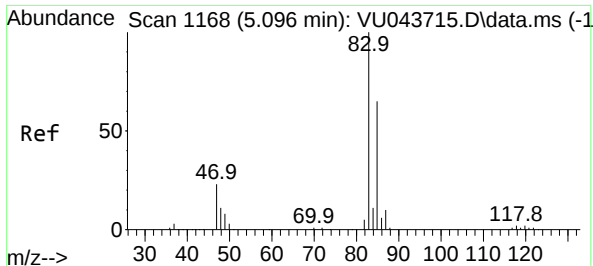
Tgt Ion: 43 Resp: 374574
Ion Ratio Lower Upper
43 100
72 28.0 13.9 41.6



#23
Bromochloromethane
Concen: 48.30 ug/L
RT: 4.983 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VU043718.D
Acq: 13 May 2021 22:54

Tgt Ion:128 Resp: 107459
Ion Ratio Lower Upper
128 100
49 160.2 116.8 216.8
130 125.0 93.3 173.3
51 50.8 43.2 64.8

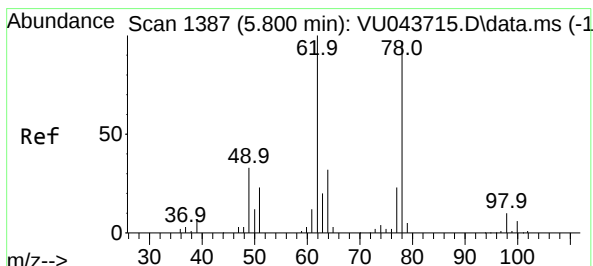
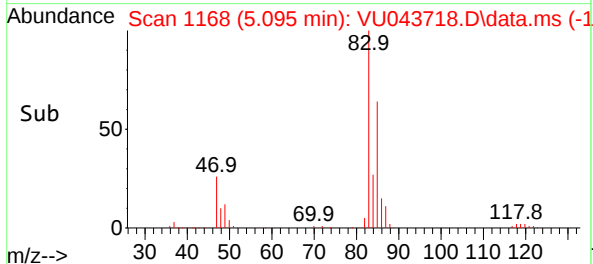
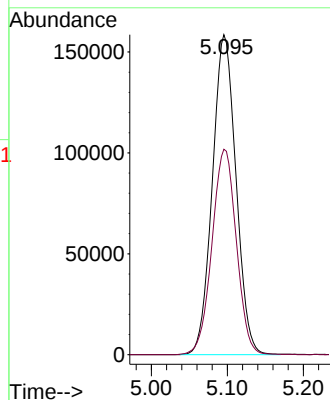
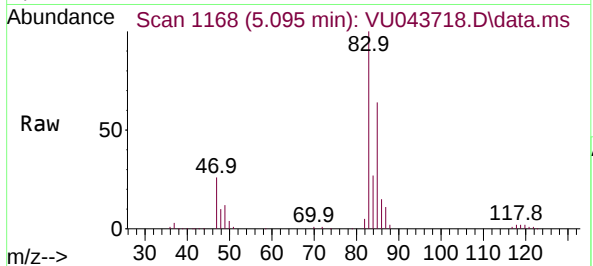




#25
Chloroform
Concen: 48.02 ug/L
RT: 5.095 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VU043718.D
Acq: 13 May 2021 22:54

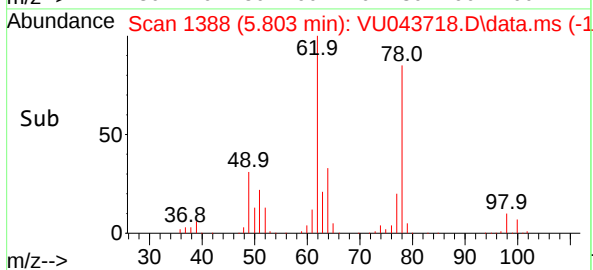
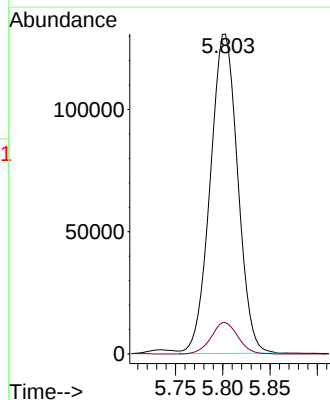
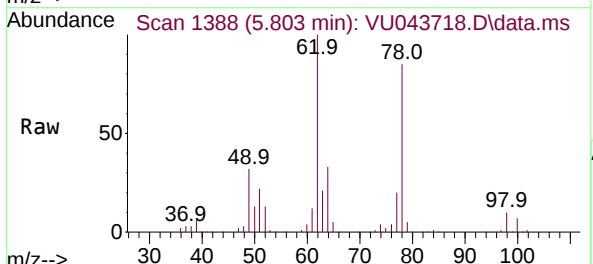
Instrument :
MSVOA_U
ClientSampled :

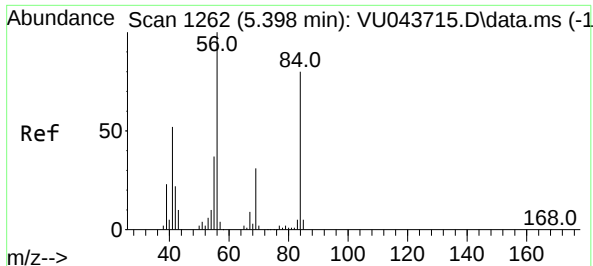
Tgt Ion: 83 Resp: 342134
Ion Ratio Lower Upper
83 100
85 64.2 45.7 84.9



#27
1,2-Dichloroethane
Concen: 48.11 ug/L
RT: 5.803 min Scan# 1388
Delta R.T. 0.003 min
Lab File: VU043718.D
Acq: 13 May 2021 22:54

Tgt Ion: 62 Resp: 264190
Ion Ratio Lower Upper
62 100
98 9.8 7.6 11.4





#29

Cyclohexane

Concen: 50.71 ug/L

RT: 5.398 min Scan# 1262

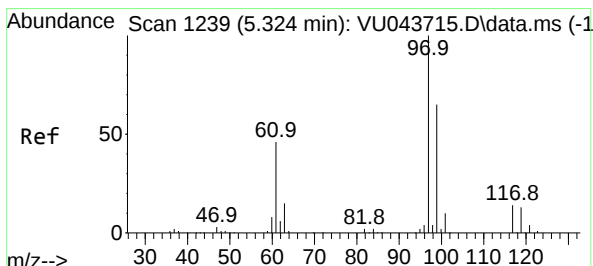
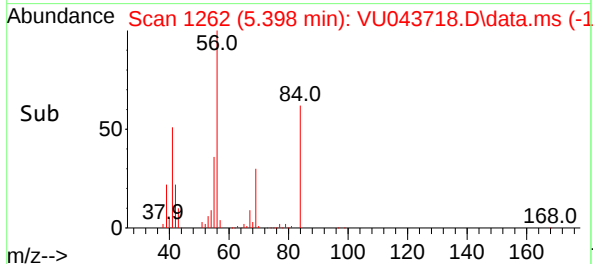
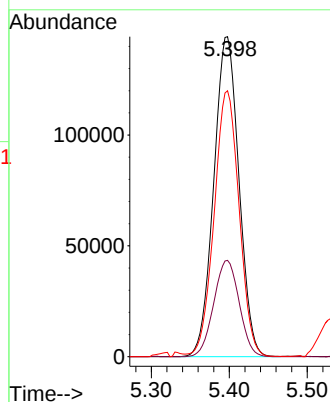
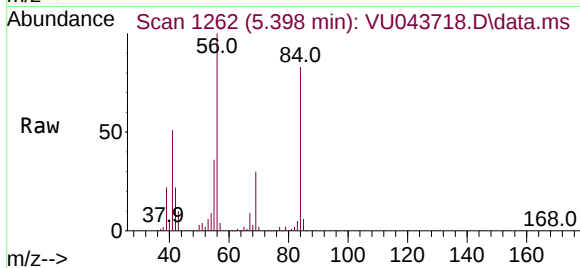
Delta R.T. -0.000 min

Lab File: VU043718.D

Acq: 13 May 2021 22:54

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 56	Resp: 324006
Ion Ratio	Lower Upper
56 100	
69 30.4	24.6 37.0
84 82.4	65.0 97.4



#30

1,1,1-Trichloroethane

Concen: 48.74 ug/L

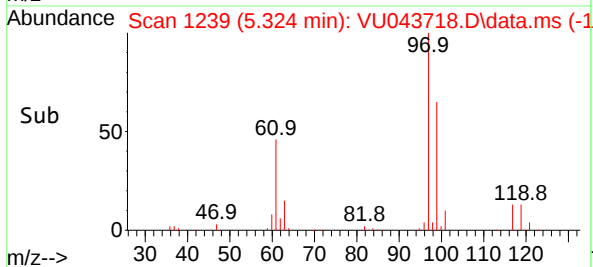
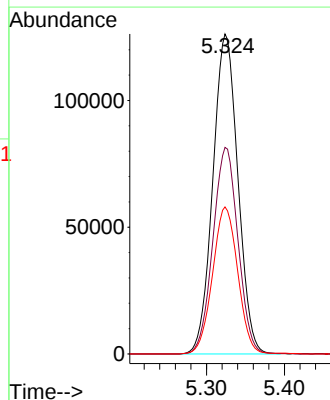
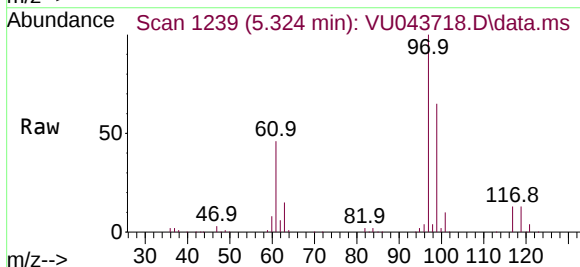
RT: 5.324 min Scan# 1239

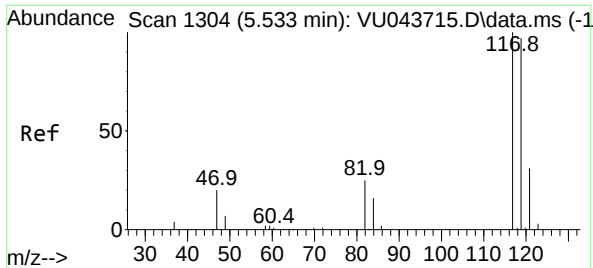
Delta R.T. -0.000 min

Lab File: VU043718.D

Acq: 13 May 2021 22:54

Tgt Ion: 97	Resp: 281988
Ion Ratio	Lower Upper
97 100	
99 64.6	51.7 77.5
61 46.2	36.9 55.3

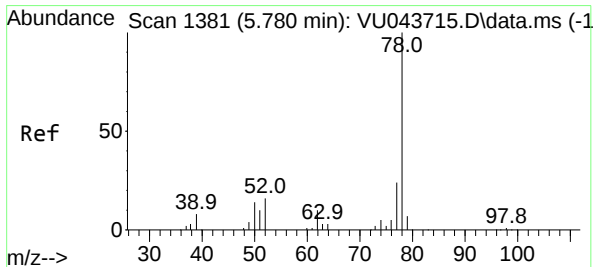
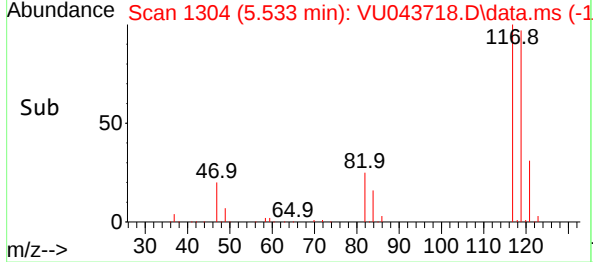
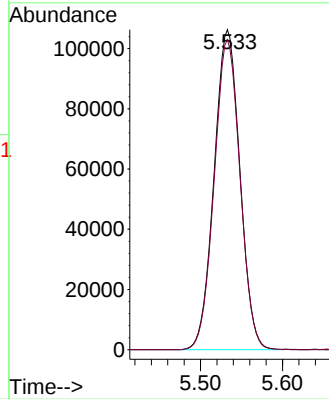
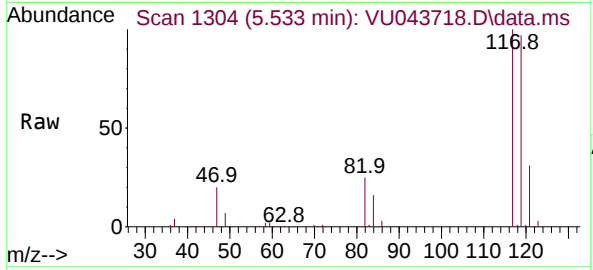




#31
Carbon tetrachloride
Concen: 48.96 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VU043718.D
Acq: 13 May 2021 22:54

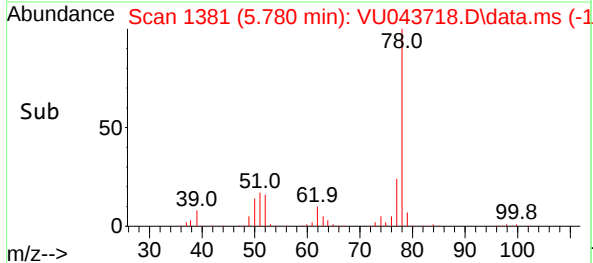
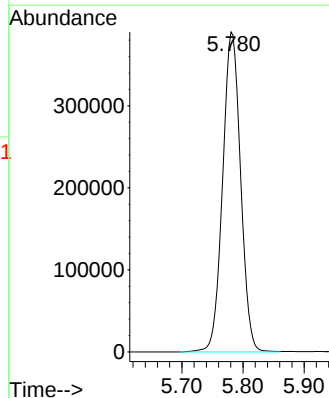
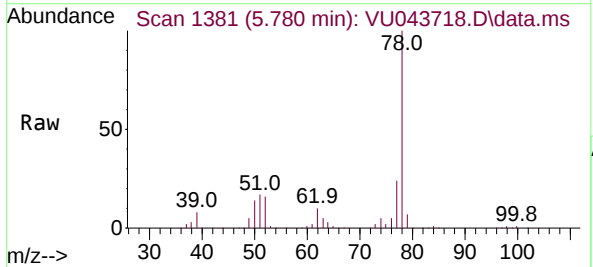
Instrument :
MSVOA_U
ClientSampled :

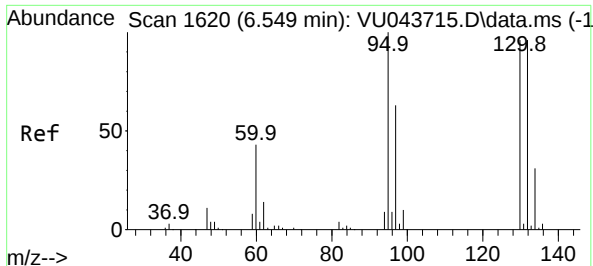
Tgt Ion:117 Resp: 232563
Ion Ratio Lower Upper
117 100
119 96.9 77.0 115.6



#33
Benzene
Concen: 49.11 ug/L
RT: 5.780 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VU043718.D
Acq: 13 May 2021 22:54

Tgt Ion: 78 Resp: 796922



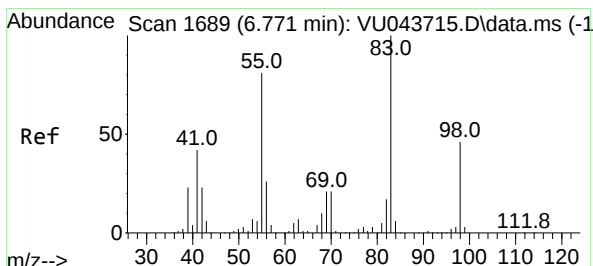
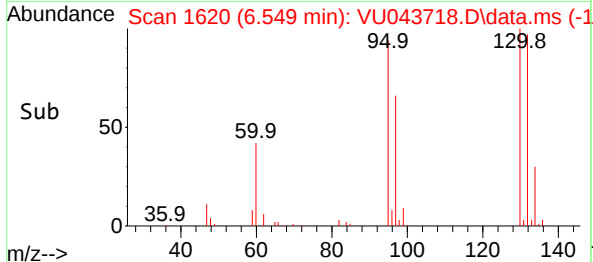
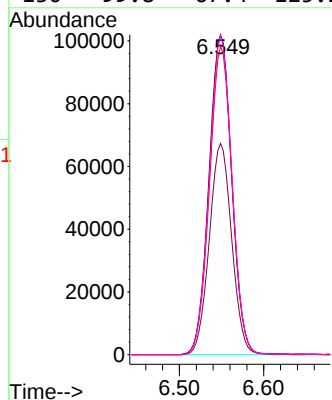
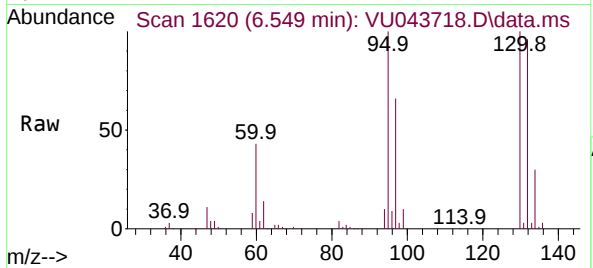


#34
Trichloroethene
Concen: 48.56 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VU043718.D
Acq: 13 May 2021 22:54

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 191649

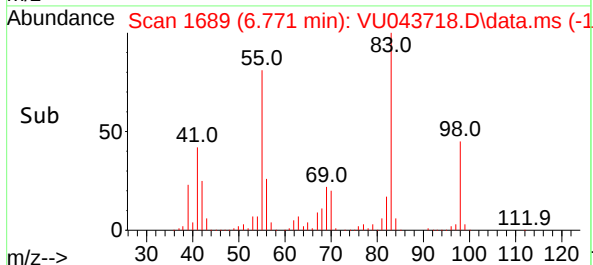
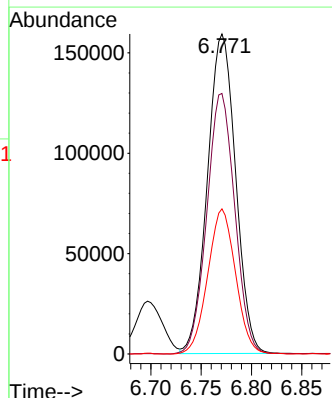
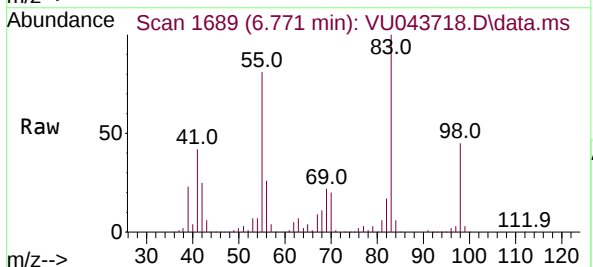
Ion	Ratio	Lower	Upper
95	100		
97	66.0	44.2	82.2
132	96.3	66.8	124.2
130	99.8	67.4	125.2

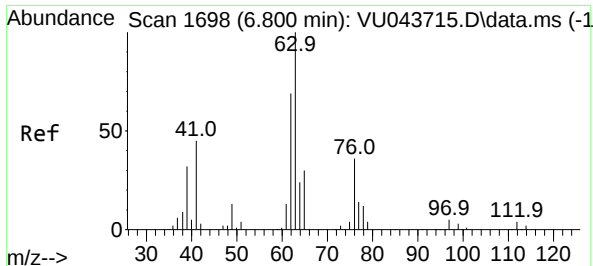


#35
Methylcyclohexane
Concen: 49.92 ug/L
RT: 6.771 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VU043718.D
Acq: 13 May 2021 22:54

Tgt Ion: 83 Resp: 311418

Ion	Ratio	Lower	Upper
83	100		
55	80.8	63.8	95.6
98	44.7	36.2	54.2

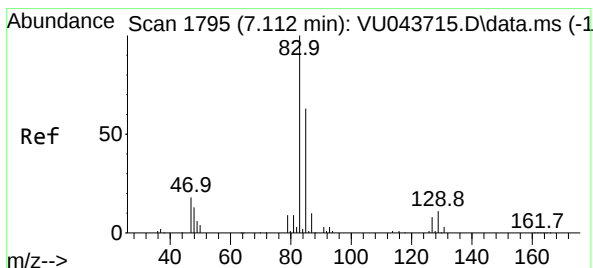
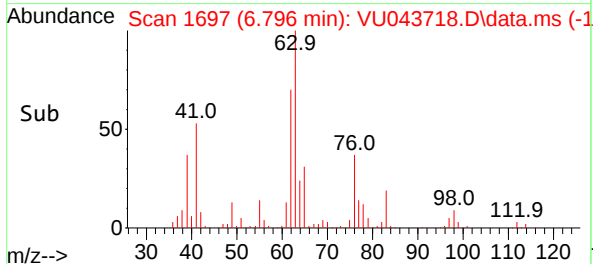
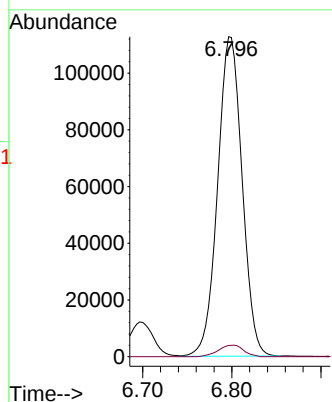
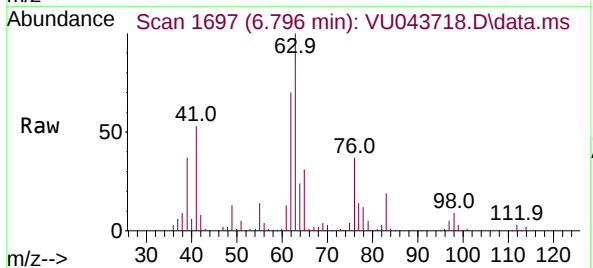




#37
1,2-Dichloropropane
Concen: 48.57 ug/L
RT: 6.796 min Scan# 1697
Delta R.T. -0.003 min
Lab File: VU043718.D
Acq: 13 May 2021 22:54

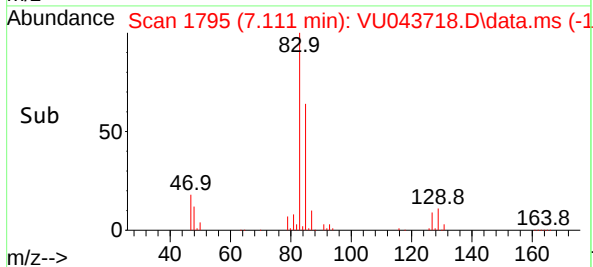
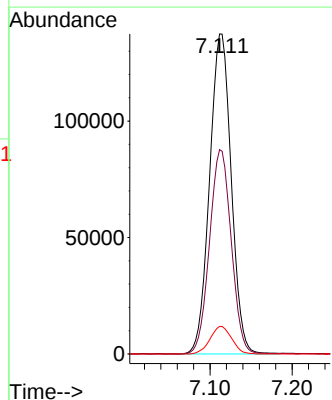
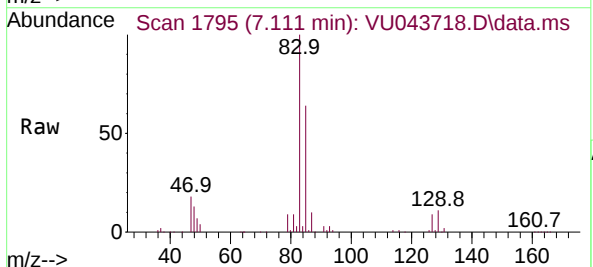
Instrument :
MSVOA_U
ClientSampleId :

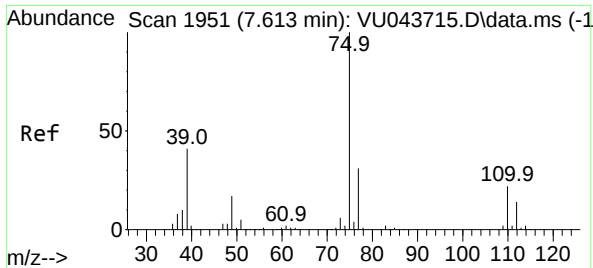
Tgt Ion: 63 Resp: 215239
Ion Ratio Lower Upper
63 100
112 3.7 3.0 4.4



#38
Bromodichloromethane
Concen: 47.99 ug/L
RT: 7.111 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VU043718.D
Acq: 13 May 2021 22:54

Tgt Ion: 83 Resp: 251809
Ion Ratio Lower Upper
83 100
85 63.8 44.3 82.3
127 8.6 6.6 9.8

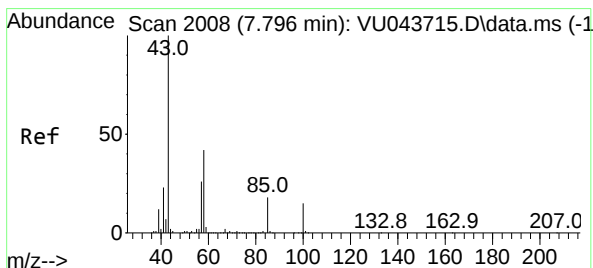
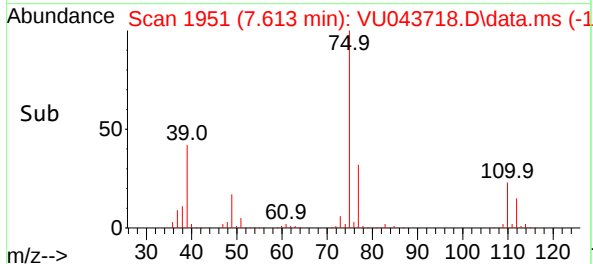
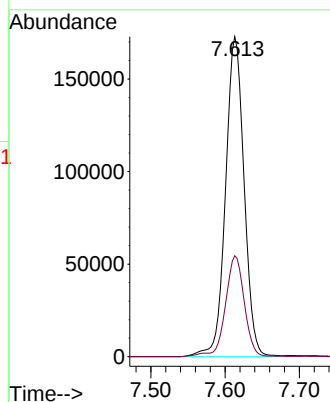
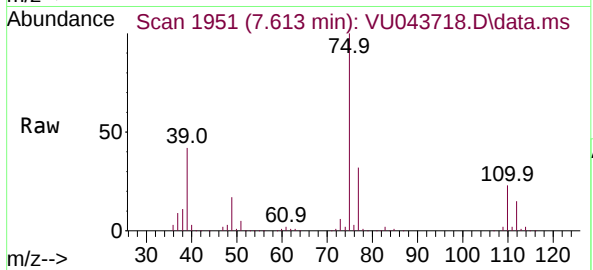




#39
 cis-1,3-Dichloropropene
 Concen: 49.66 ug/L
 RT: 7.613 min Scan# 1951
 Delta R.T. -0.000 min
 Lab File: VU043718.D
 Acq: 13 May 2021 22:54

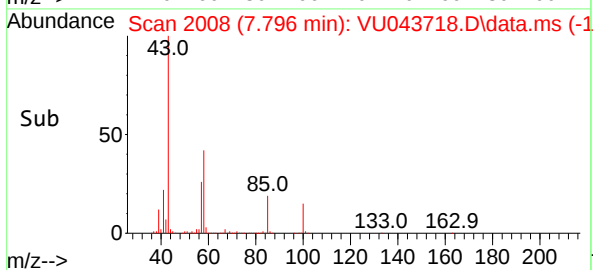
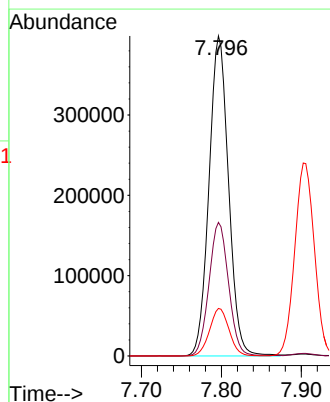
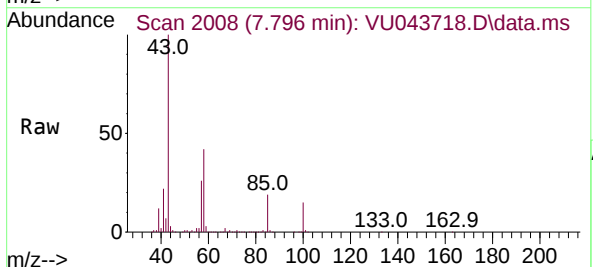
Instrument :
 MSVOA_U
 ClientSampled :

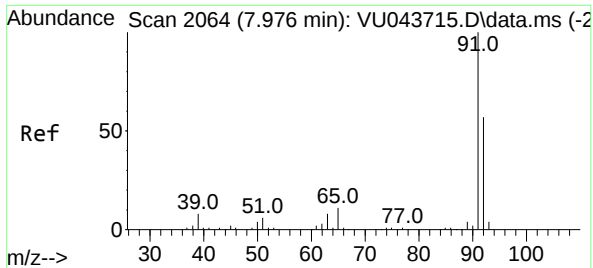
Tgt Ion: 75 Resp: 300542
 Ion Ratio Lower Upper
 75 100
 77 31.5 22.0 41.0



#40
 4-Methyl-2-pentanone
 Concen: 101.38 ug/L
 RT: 7.796 min Scan# 2008
 Delta R.T. -0.000 min
 Lab File: VU043718.D
 Acq: 13 May 2021 22:54

Tgt Ion: 43 Resp: 676145
 Ion Ratio Lower Upper
 43 100
 58 41.7 33.4 50.0
 100 14.8 12.2 18.2

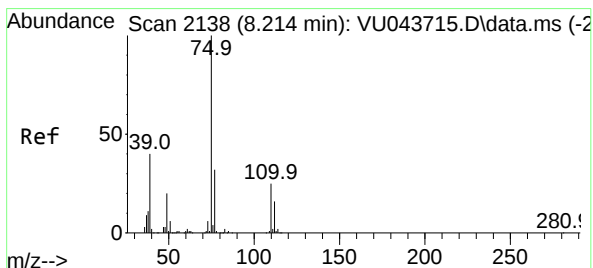
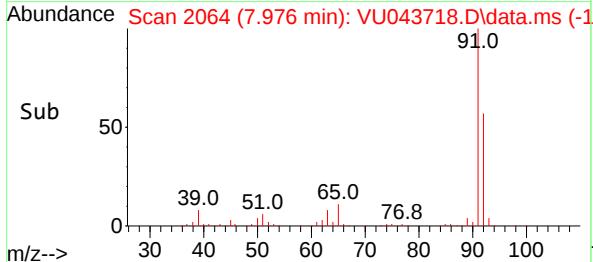
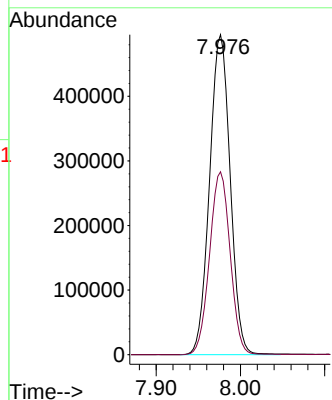
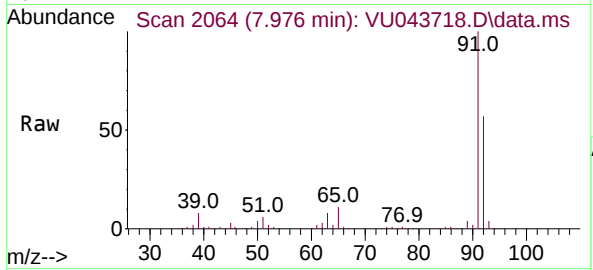




#42
Toluene
Concen: 49.66 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU043718.D
Acq: 13 May 2021 22:54

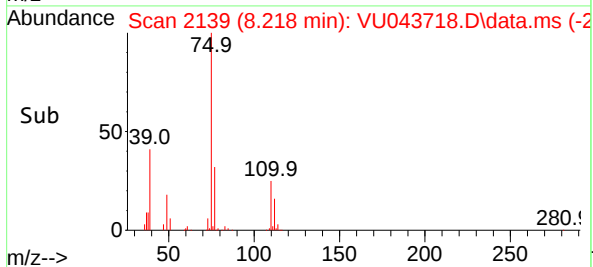
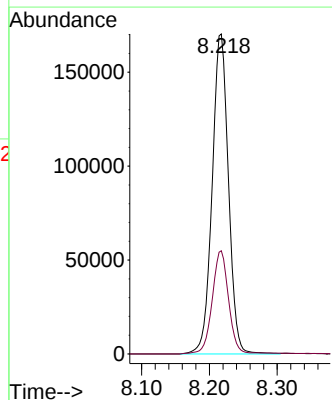
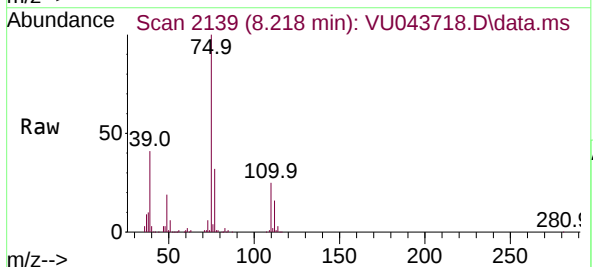
Instrument :
MSVOA_U
ClientSampled :

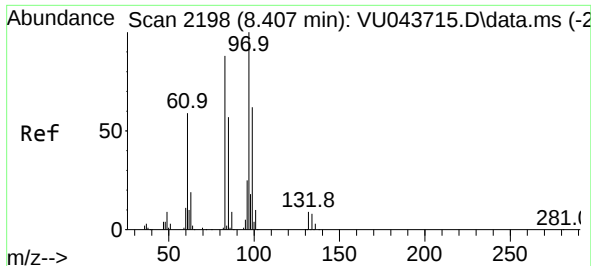
Tgt Ion: 91 Resp: 842324
Ion Ratio Lower Upper
91 100
92 57.1 39.7 73.7



#44
trans-1,3-Dichloropropene
Concen: 49.95 ug/L
RT: 8.218 min Scan# 2139
Delta R.T. 0.003 min
Lab File: VU043718.D
Acq: 13 May 2021 22:54

Tgt Ion: 75 Resp: 284327
Ion Ratio Lower Upper
75 100
77 32.3 22.4 41.6

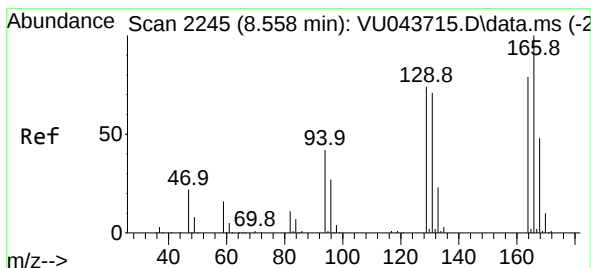
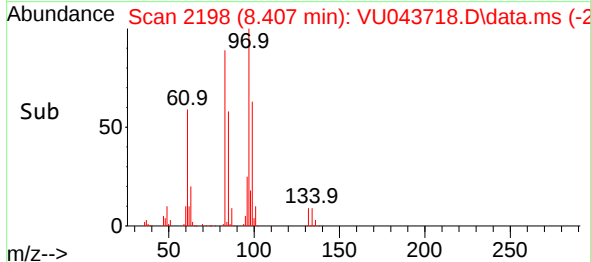
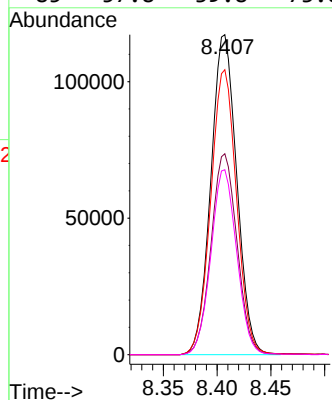
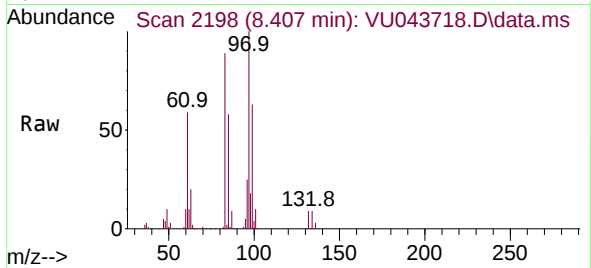




#45
1,1,2-Trichloroethane
Concen: 48.26 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. -0.000 min
Lab File: VU043718.D
Acq: 13 May 2021 22:54

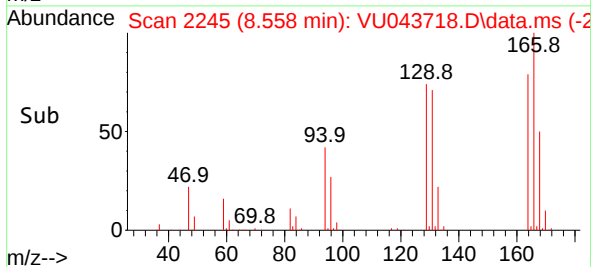
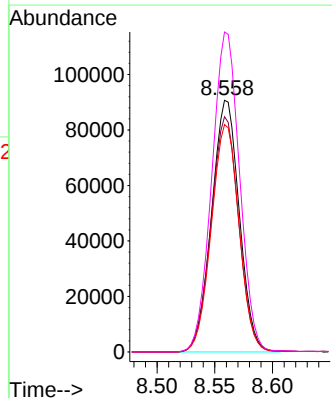
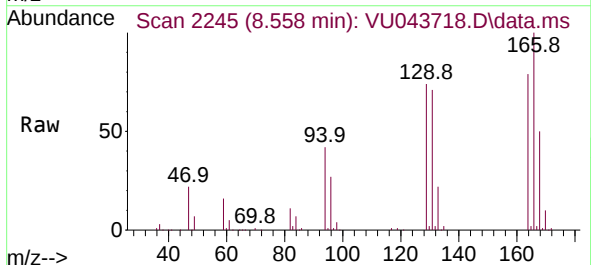
Instrument :
MSVOA_U
ClientSampleId :

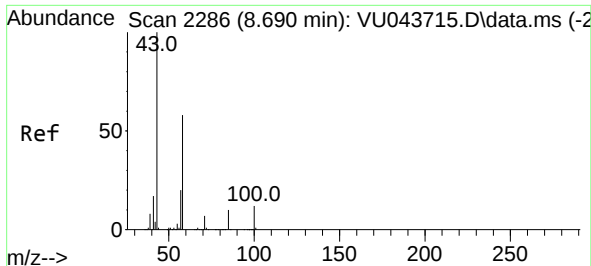
Tgt Ion:	97	Resp:	196981
Ion	Ratio	Lower	Upper
97	100		
99	62.8	43.2	80.2
83	89.1	61.7	114.5
85	57.8	39.8	73.8



#46
Tetrachloroethene
Concen: 48.75 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.000 min
Lab File: VU043718.D
Acq: 13 May 2021 22:54

Tgt Ion:	164	Resp:	151374
Ion	Ratio	Lower	Upper
164	100		
129	93.5	65.5	121.6
131	90.3	63.0	117.0
166	127.2	88.6	164.6



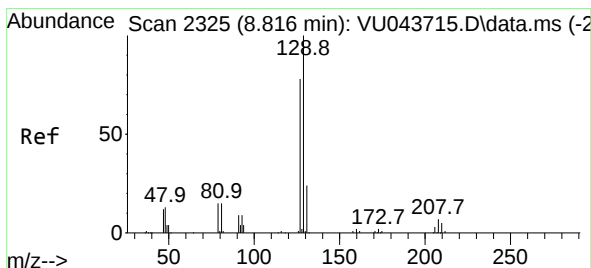
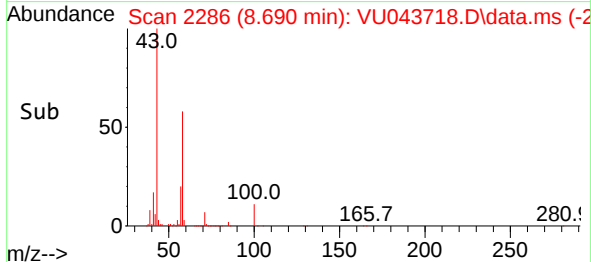
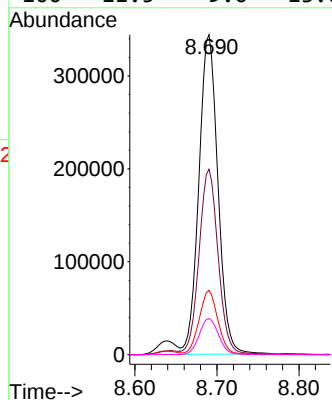
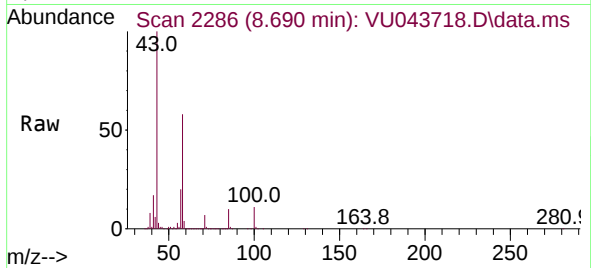


#48
2-Hexanone
Concen: 103.67 ug/L
RT: 8.690 min Scan# 2286
Delta R.T. -0.000 min
Lab File: VU043718.D
Acq: 13 May 2021 22:54

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 43 Resp: 555222

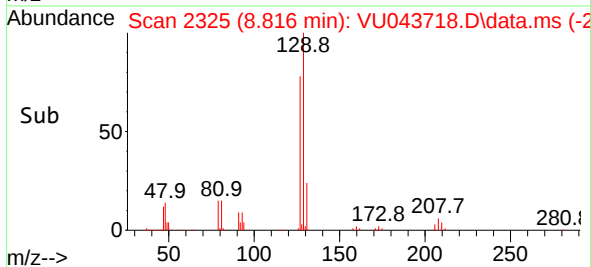
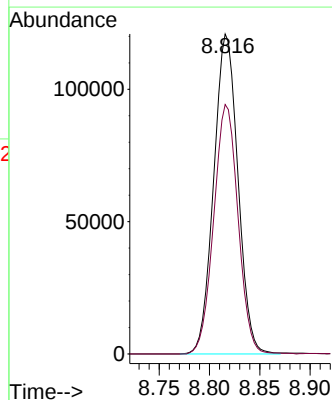
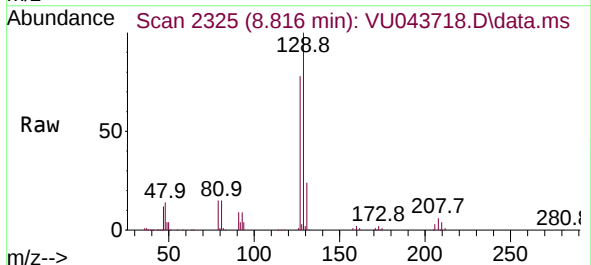
Ion	Ratio	Lower	Upper
43	100		
58	58.0	46.2	69.2
57	19.8	15.9	23.9
100	11.5	9.0	13.6

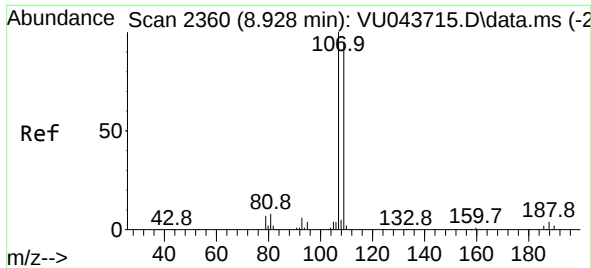


#49
Dibromochloromethane
Concen: 48.37 ug/L
RT: 8.816 min Scan# 2325
Delta R.T. -0.000 min
Lab File: VU043718.D
Acq: 13 May 2021 22:54

Tgt Ion: 129 Resp: 202539

Ion	Ratio	Lower	Upper
129	100		
127	78.0	54.5	101.1

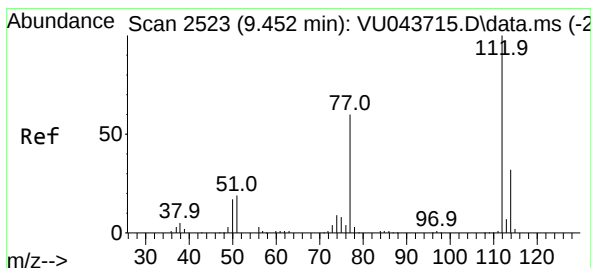
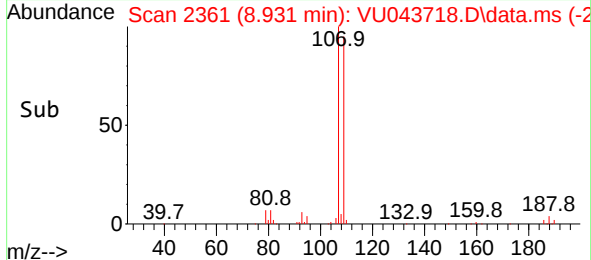
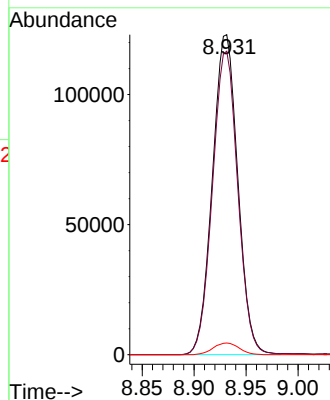
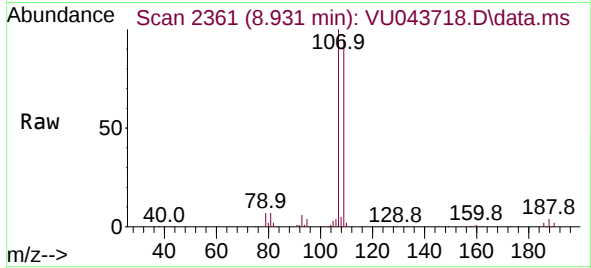




#50
1,2-Dibromoethane
Concen: 49.32 ug/L
RT: 8.931 min Scan# 2361
Delta R.T. 0.003 min
Lab File: VU043718.D
Acq: 13 May 2021 22:54

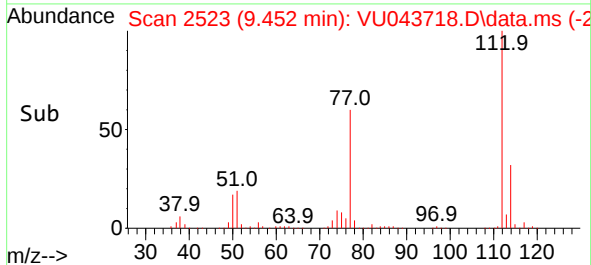
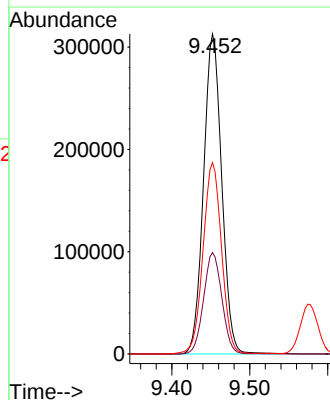
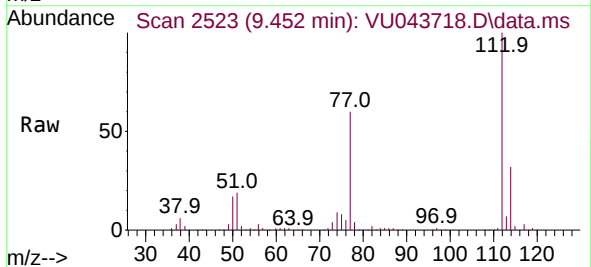
Instrument :
MSVOA_U
ClientSampleId :

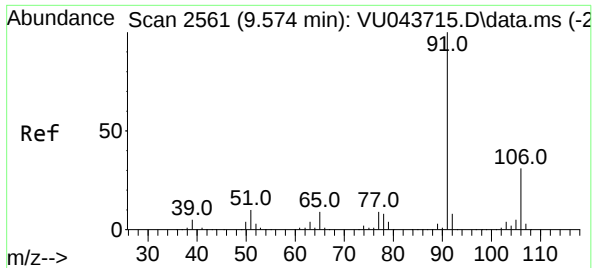
Tgt Ion:107 Resp: 209184
Ion Ratio Lower Upper
107 100
109 94.9 66.5 123.5
188 3.6 3.2 4.8



#51
Chlorobenzene
Concen: 48.34 ug/L
RT: 9.452 min Scan# 2523
Delta R.T. -0.000 min
Lab File: VU043718.D
Acq: 13 May 2021 22:54

Tgt Ion:112 Resp: 507778
Ion Ratio Lower Upper
112 100
114 31.7 22.7 42.1
77 59.9 48.5 72.7

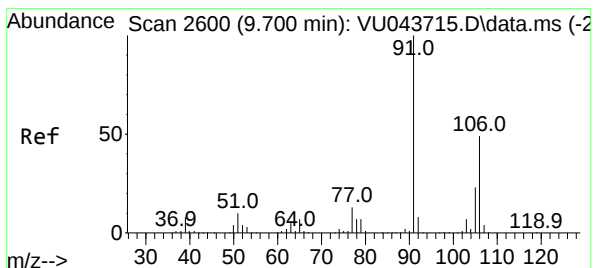
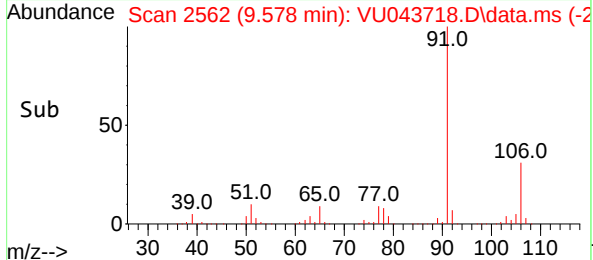
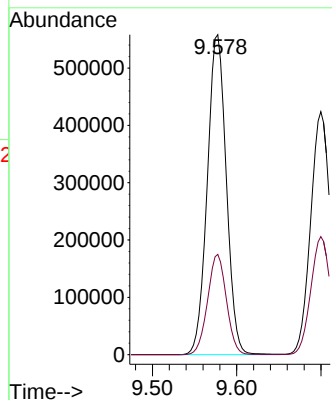
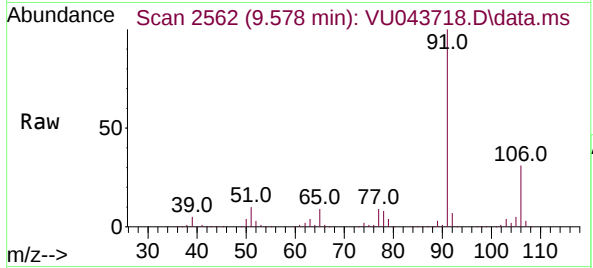




#52
Ethylbenzene
Concen: 50.09 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. 0.003 min
Lab File: VU043718.D
Acq: 13 May 2021 22:54

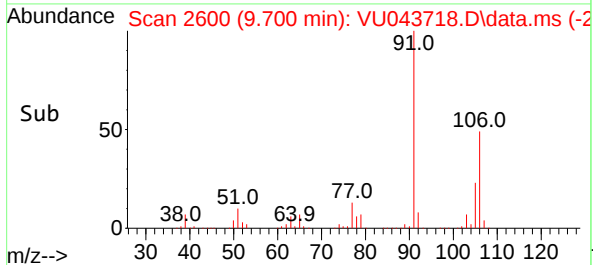
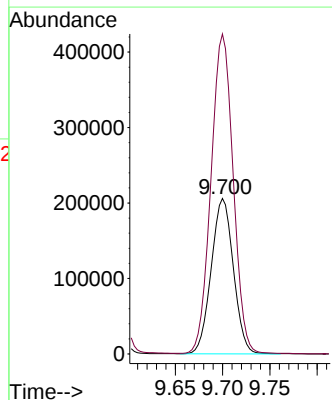
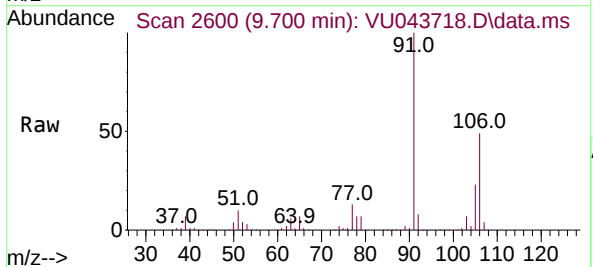
Instrument :
MSVOA_U
ClientSampled :

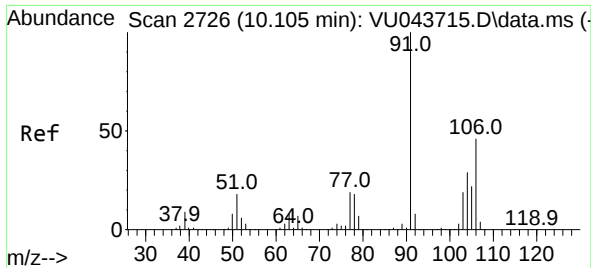
Tgt Ion: 91 Resp: 876948
Ion Ratio Lower Upper
91 100
106 31.3 21.6 40.2



#53
m,p-Xylene
Concen: 50.57 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. -0.000 min
Lab File: VU043718.D
Acq: 13 May 2021 22:54

Tgt Ion: 106 Resp: 335207
Ion Ratio Lower Upper
106 100
91 205.8 142.9 265.5

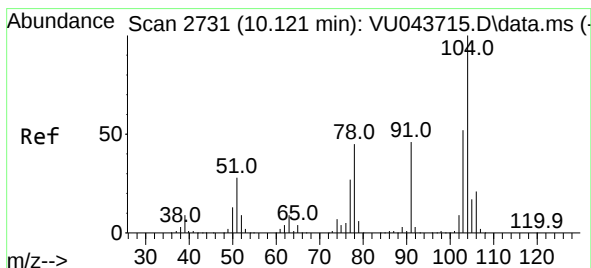
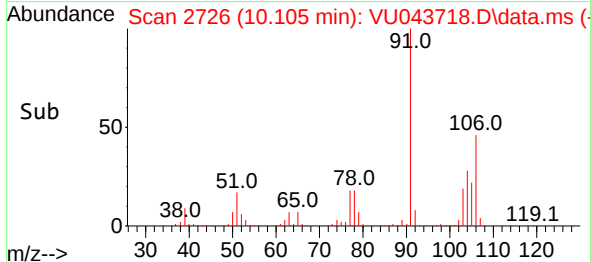
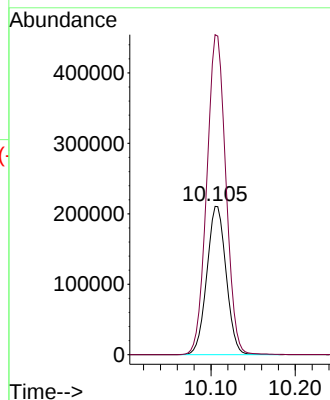
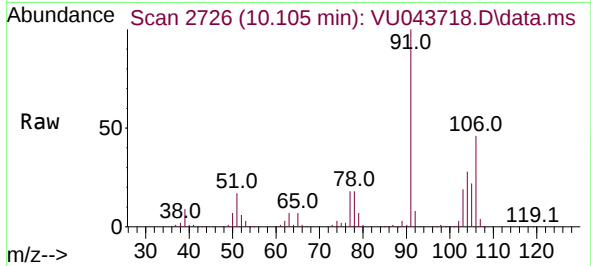




#54
o-xylene
Concen: 51.08 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. -0.000 min
Lab File: VU043718.D
Acq: 13 May 2021 22:54

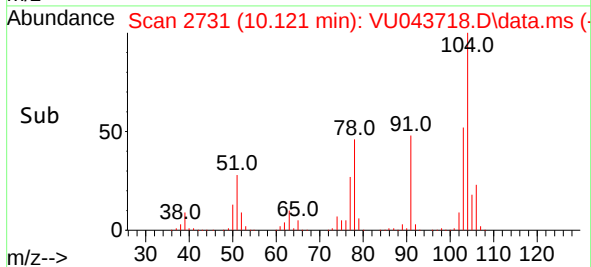
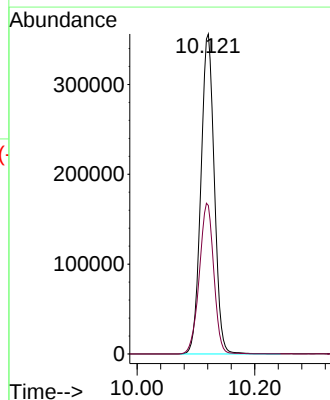
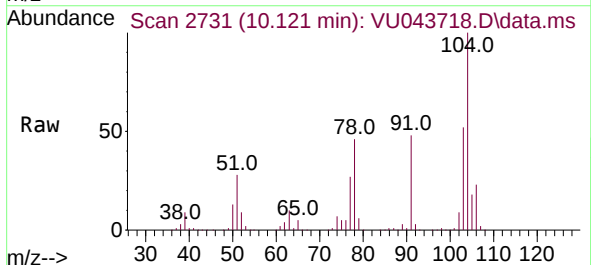
Instrument :
MSVOA_U
ClientSampleId :

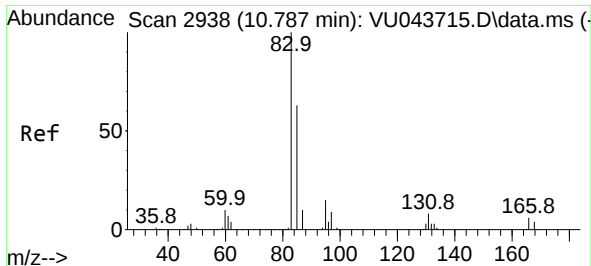
Tgt Ion:106 Resp: 334997
Ion Ratio Lower Upper
106 100
91 215.6 151.6 281.6



#55
Styrene
Concen: 51.04 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. -0.000 min
Lab File: VU043718.D
Acq: 13 May 2021 22:54

Tgt Ion:104 Resp: 564487
Ion Ratio Lower Upper
104 100
78 46.4 31.8 59.0

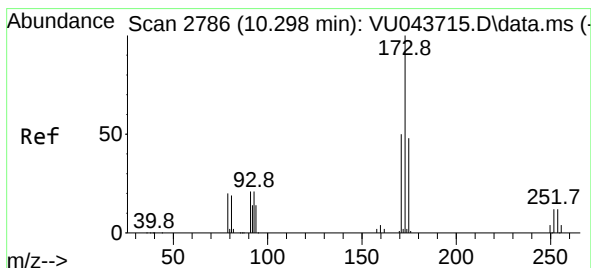
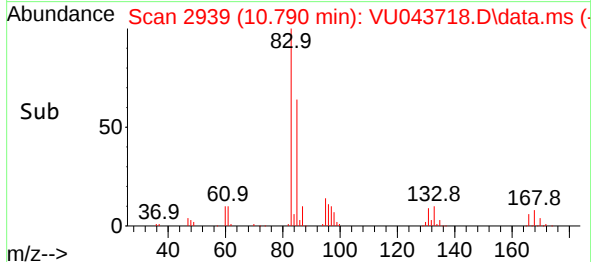
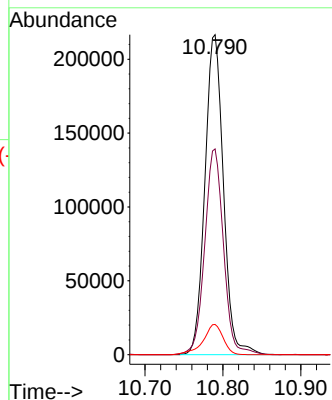
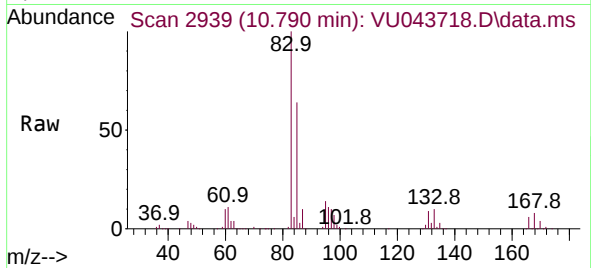




#57
1,1,2,2-Tetrachloroethane
Concen: 48.01 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. 0.003 min
Lab File: VU043718.D
Acq: 13 May 2021 22:54

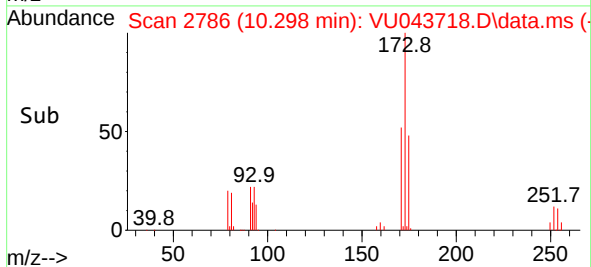
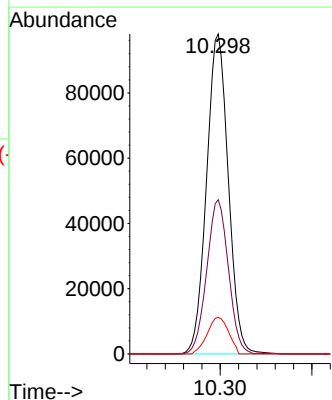
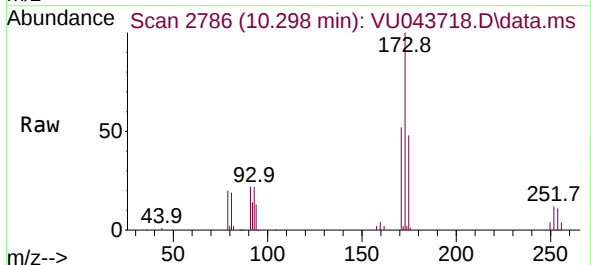
Instrument :
MSVOA_U
ClientSampleId :

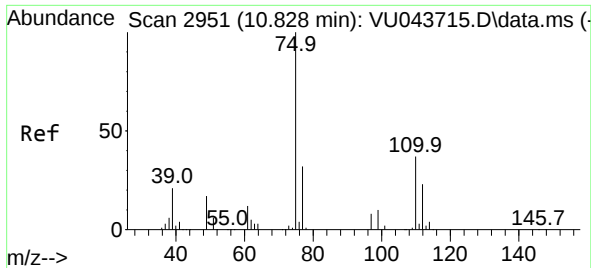
Tgt Ion: 83 Resp: 357238
Ion Ratio Lower Upper
83 100
85 64.3 44.5 82.7
131 9.5 7.4 11.2



#59
Bromoform
Concen: 48.34 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. -0.000 min
Lab File: VU043718.D
Acq: 13 May 2021 22:54

Tgt Ion:173 Resp: 161442
Ion Ratio Lower Upper
173 100
175 47.9 38.6 57.8
254 11.2 6.8 10.2#

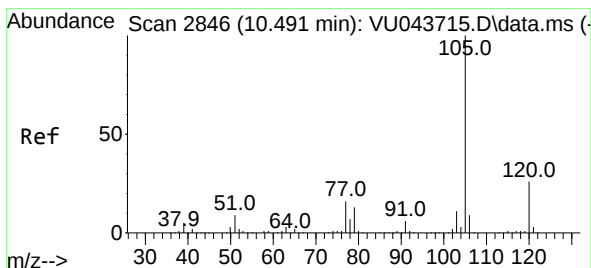
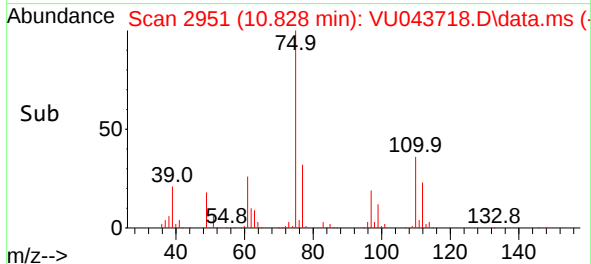
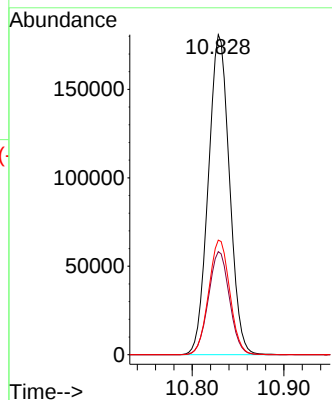
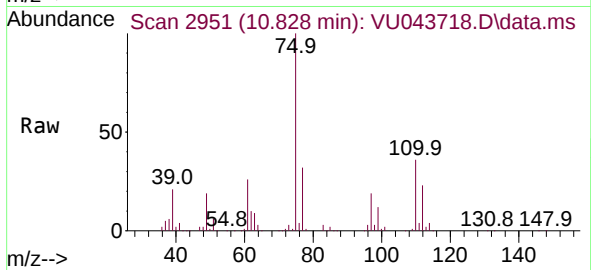




#60
1,2,3-Trichloropropane
Concen: 48.55 ug/L
RT: 10.828 min Scan# 2951
Delta R.T. -0.000 min
Lab File: VU043718.D
Acq: 13 May 2021 22:54

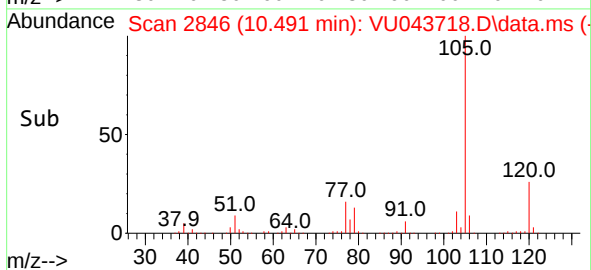
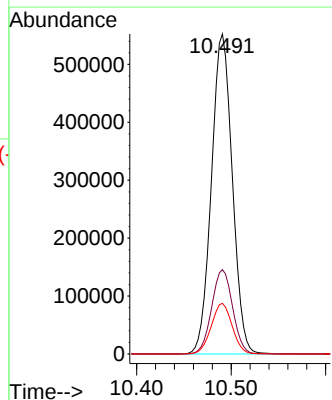
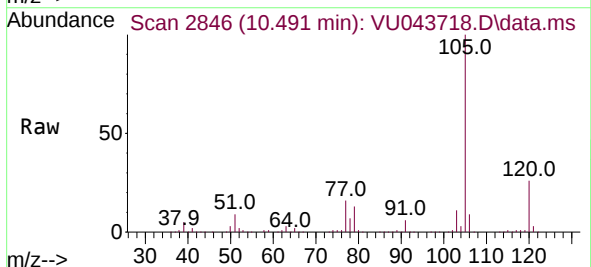
Instrument :
MSVOA_U
ClientSampleId :

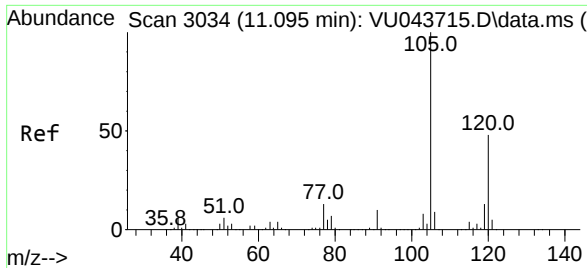
Tgt Ion:	75	Resp:	289586
Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.8	38.6
110	35.7	28.9	43.3



#61
Isopropylbenzene
Concen: 50.71 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. -0.000 min
Lab File: VU043718.D
Acq: 13 May 2021 22:54

Tgt Ion:	105	Resp:	846554
Ion	Ratio	Lower	Upper
105	100		
120	26.5	21.0	31.4
77	15.9	12.5	18.7

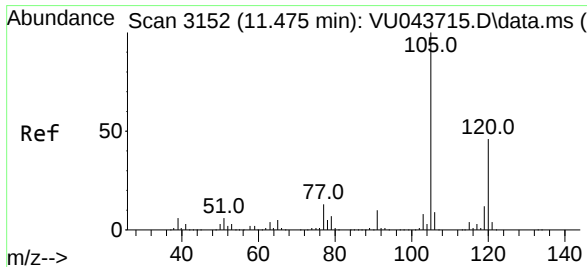
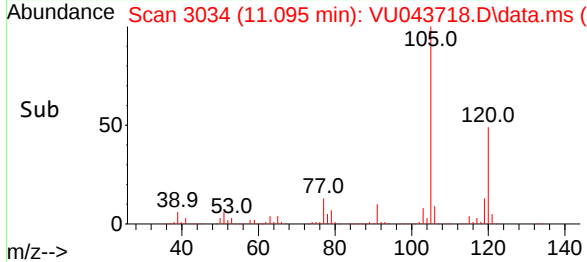
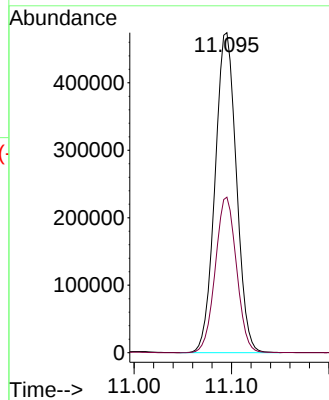
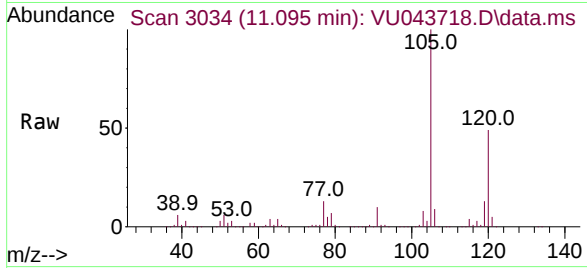




#62
1,3,5-Trimethylbenzene
Concen: 52.08 ug/L
RT: 11.095 min Scan# 3034
Delta R.T. -0.000 min
Lab File: VU043718.D
Acq: 13 May 2021 22:54

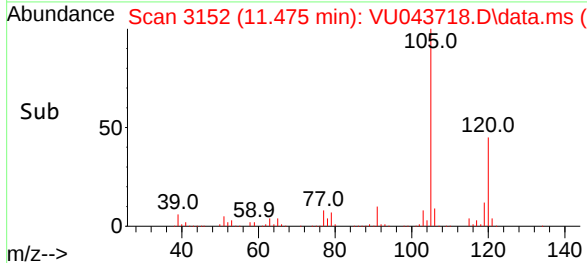
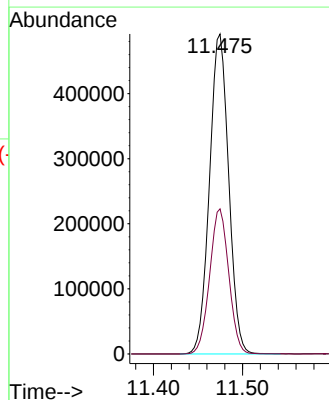
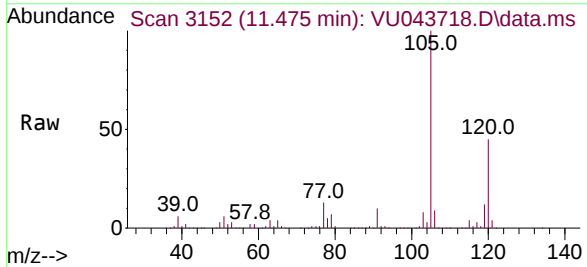
Instrument :
MSVOA_U
ClientSampleId :

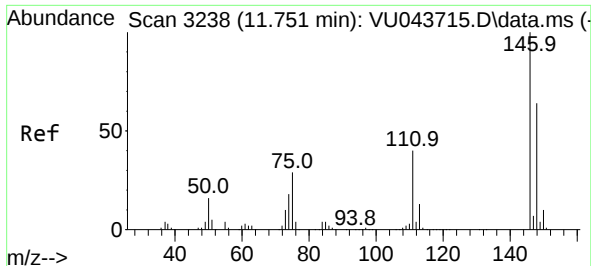
Tgt Ion:105 Resp: 721817
Ion Ratio Lower Upper
105 100
120 48.3 38.7 58.1



#63
1,2,4-Trimethylbenzene
Concen: 52.74 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VU043718.D
Acq: 13 May 2021 22:54

Tgt Ion:105 Resp: 734128
Ion Ratio Lower Upper
105 100
120 45.2 36.2 54.2

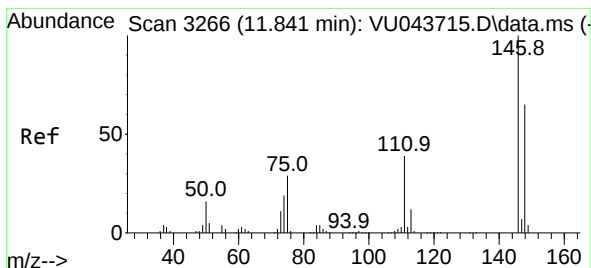
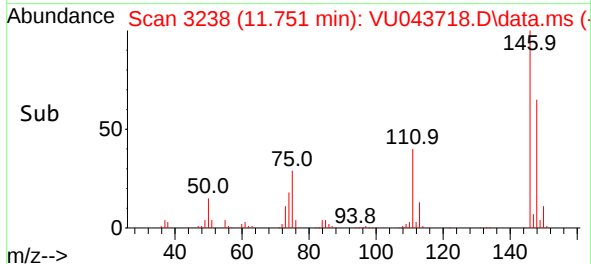
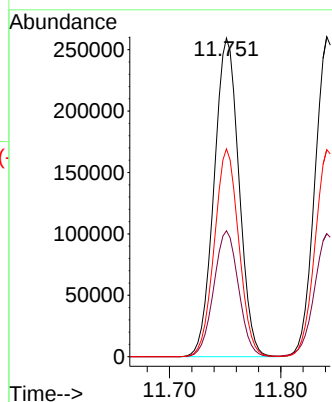
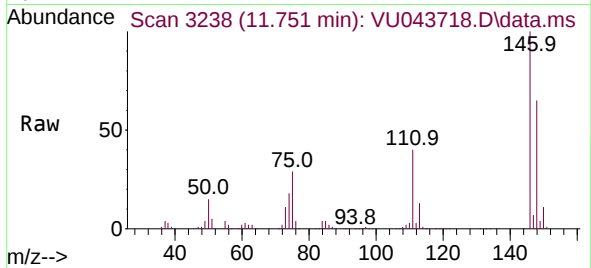




#64
1,3-Dichlorobenzene
Concen: 49.65 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. -0.000 min
Lab File: VU043718.D
Acq: 13 May 2021 22:54

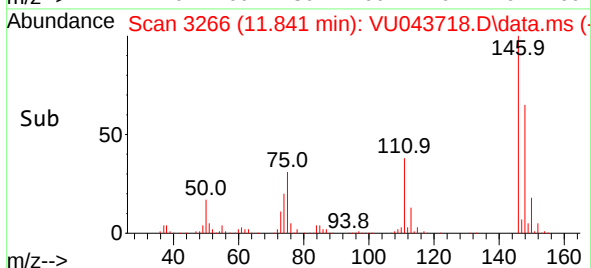
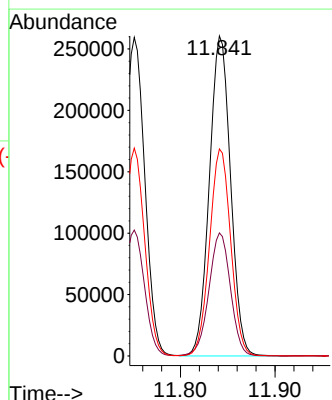
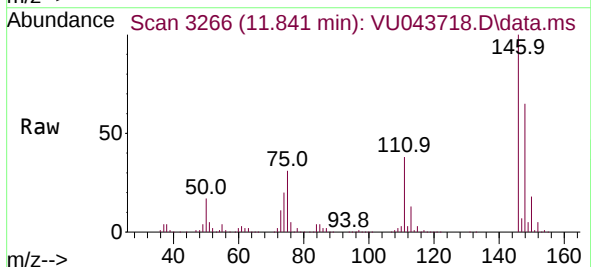
Instrument :
MSVOA_U
ClientSampled :

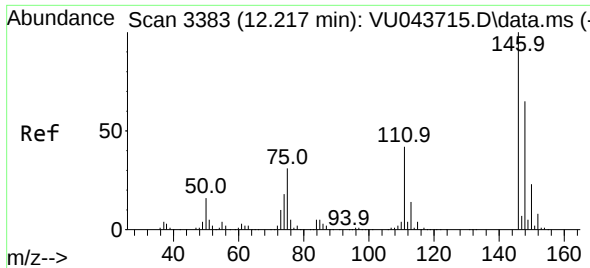
Tgt Ion:146 Resp: 403036
Ion Ratio Lower Upper
146 100
111 39.5 27.8 51.6
148 65.2 44.9 83.3



#65
1,4-Dichlorobenzene
Concen: 48.96 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. -0.000 min
Lab File: VU043718.D
Acq: 13 May 2021 22:54

Tgt Ion:146 Resp: 405449
Ion Ratio Lower Upper
146 100
111 38.4 27.1 50.3
148 64.7 45.4 84.4

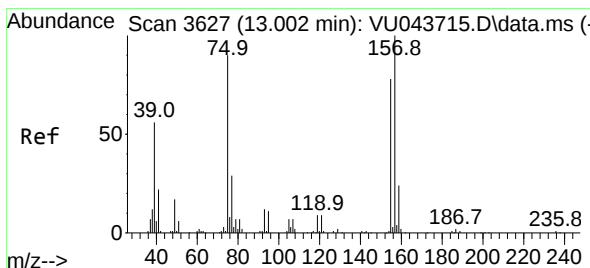
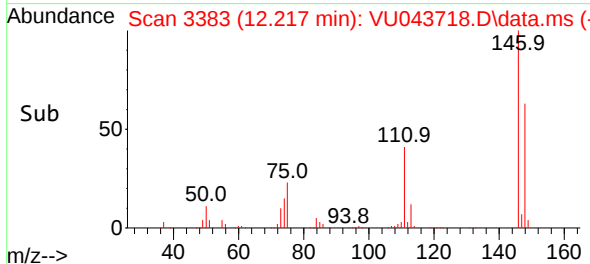
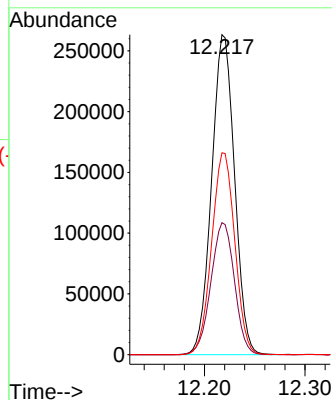
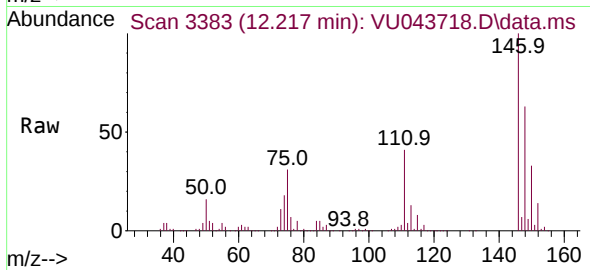




#67
1,2-Dichlorobenzene
Concen: 49.35 ug/L
RT: 12.217 min Scan# 3383
Delta R.T. -0.000 min
Lab File: VU043718.D
Acq: 13 May 2021 22:54

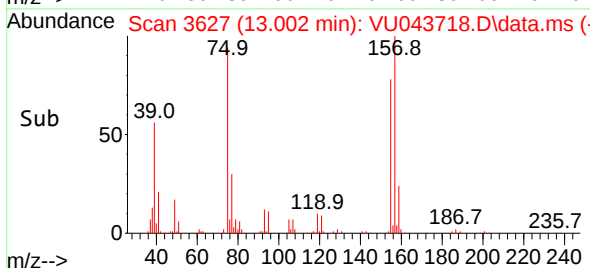
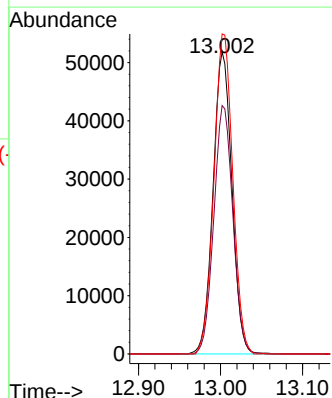
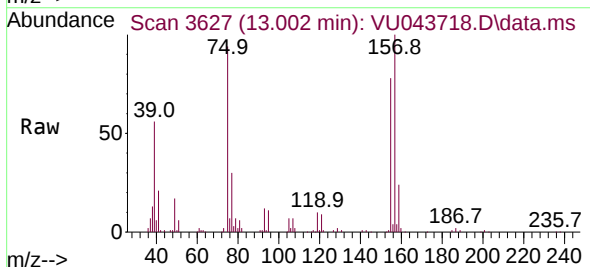
Instrument :
MSVOA_U
ClientSampleId :

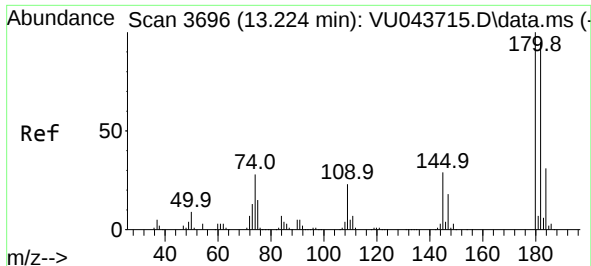
Tgt Ion:146 Resp: 417259
Ion Ratio Lower Upper
146 100
111 41.3 33.5 50.3
148 63.1 51.7 77.5



#68
1,2-Dibromo-3-chloropropane
Concen: 50.75 ug/L
RT: 13.002 min Scan# 3627
Delta R.T. -0.000 min
Lab File: VU043718.D
Acq: 13 May 2021 22:54

Tgt Ion: 75 Resp: 82879
Ion Ratio Lower Upper
75 100
155 82.2 72.5 108.7
157 110.0 92.3 138.5



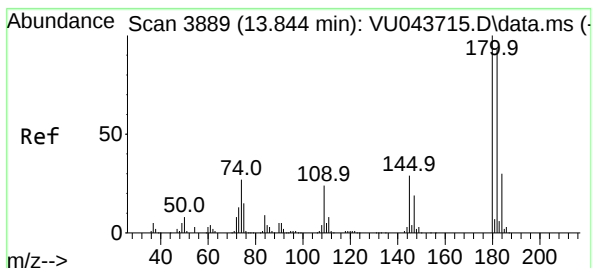
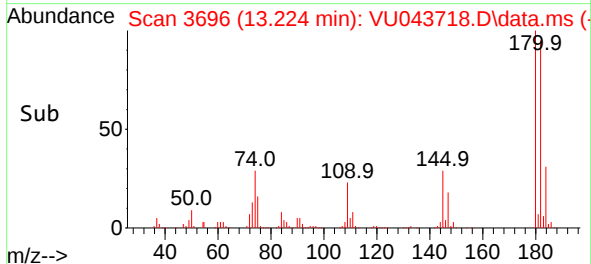
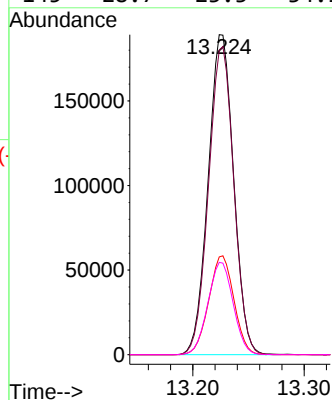
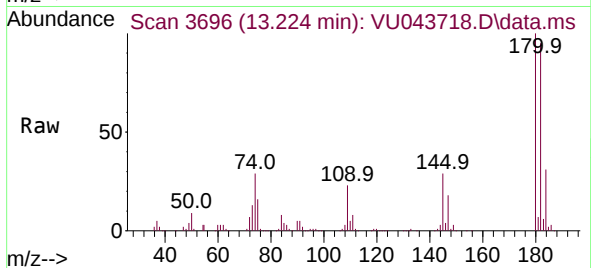


#69
 1,3,5-Trichlorobenzene
 Concen: 49.84 ug/L
 RT: 13.224 min Scan# 3696
 Delta R.T. -0.000 min
 Lab File: VU043718.D
 Acq: 13 May 2021 22:54

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion:180 Resp: 299874

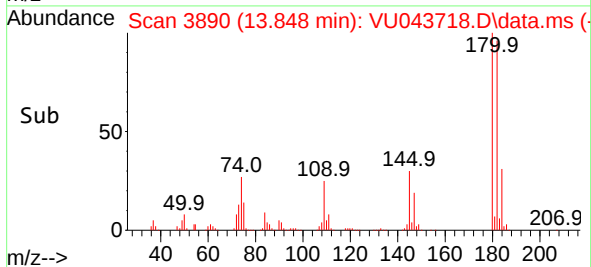
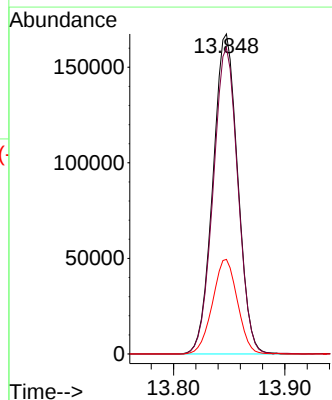
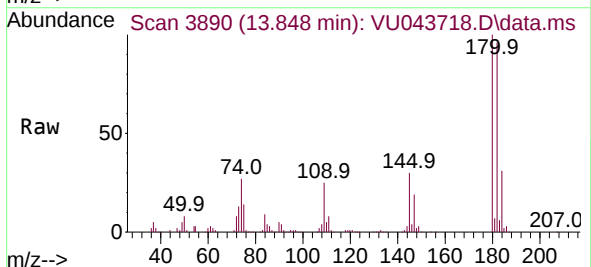
Ion	Ratio	Lower	Upper
180	100		
182	95.5	76.4	114.6
184	30.7	25.0	37.4
145	28.7	23.3	34.9

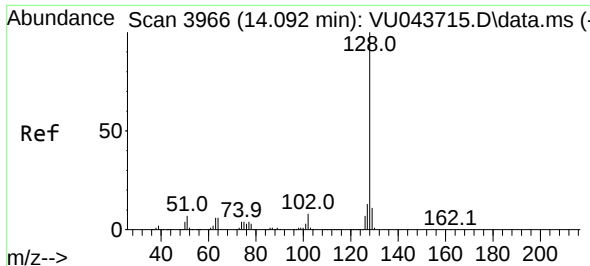


#70
 1,2,4-trichlorobenzene
 Concen: 50.44 ug/L
 RT: 13.848 min Scan# 3890
 Delta R.T. 0.003 min
 Lab File: VU043718.D
 Acq: 13 May 2021 22:54

Tgt Ion:180 Resp: 259225

Ion	Ratio	Lower	Upper
180	100		
182	95.2	75.9	113.9
145	29.7	23.4	35.0

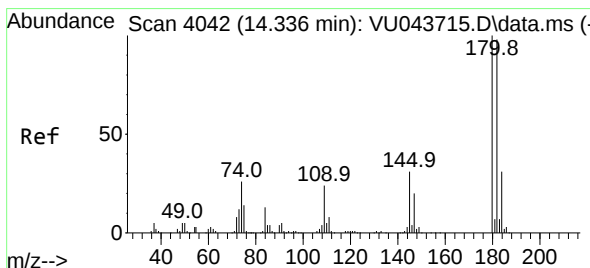
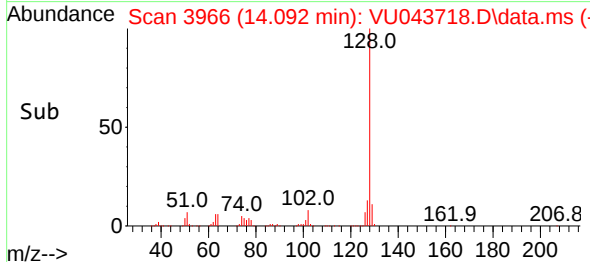
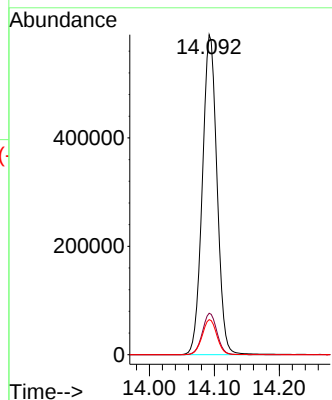
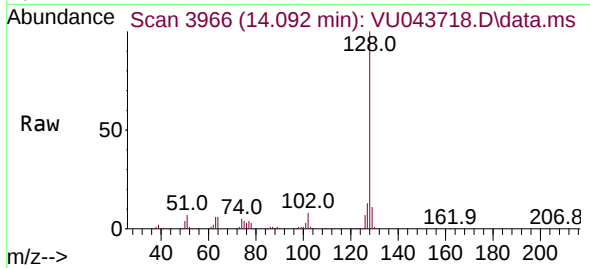




#71
Naphthalene
Concen: 54.17 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. -0.000 min
Lab File: VU043718.D
Acq: 13 May 2021 22:54

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 928827
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 11.0 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 51.52 ug/L
RT: 14.336 min Scan# 4042
Delta R.T. -0.000 min
Lab File: VU043718.D
Acq: 13 May 2021 22:54

Tgt Ion:180 Resp: 278779
Ion Ratio Lower Upper
180 100
182 96.1 76.9 115.3
145 31.1 24.9 37.3

