

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051421\
 Data File : VU043752.D
 Acq On : 14 May 2021 13:35
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 14 14:44:16 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	477479	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	466284	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	252798	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	171784	43.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.90%
7) Chloroethane-d5	1.909	69	128384	45.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.32%
11) 1,1-Dichloroethene-d2	2.575	63	312732	46.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.92%
21) 2-Butanone-d5	4.626	46	303207	98.04	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.04%
24) Chloroform-d	5.070	84	319214	47.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.18%
26) 1,2-Dichloroethane-d4	5.710	65	195545	47.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.04%
32) Benzene-d6	5.735	84	655027	47.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.80%
36) 1,2-Dichloropropane-d6	6.697	67	216429	48.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.04%
41) Toluene-d8	7.902	98	605848	48.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.44%
43) trans-1,3-Dichloroprop...	8.185	79	95762	48.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.18%
47) 2-Hexanone-d5	8.639	63	206635	95.74	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.74%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	323655	47.45	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.90%
66) 1,2-Dichlorobenzene-d4	12.198	152	243049	48.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.44%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	193230	48.08	ug/L	99
3) Chloromethane	1.523	50	221966	45.68	ug/L	100
5) Vinyl chloride	1.607	62	223978	47.42	ug/L	100
6) Bromomethane	1.848	94	127229	55.23	ug/L	97
8) Chloroethane	1.932	64	126786	47.41	ug/L	97
9) Trichlorofluoromethane	2.141	101	258257	48.36	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	172351	49.32	ug/L	99
12) 1,1-Dichloroethene	2.584	96	168047	48.75	ug/L	98
13) Acetone	2.626	43	226131	104.73	ug/L	99
14) Carbon disulfide	2.800	76	516510	47.46	ug/L	100
15) Methyl Acetate	2.951	43	235859	48.13	ug/L	100
16) Methylene chloride	3.054	84	201934	39.12	ug/L	98
17) trans-1,2-Dichloroethene	3.359	96	173527	48.66	ug/L	98
18) Methyl tert-butyl Ether	3.369	73	527557	48.77	ug/L	99
19) 1,1-Dichloroethane	3.877	63	335475	48.12	ug/L	98
20) cis-1,2-Dichloroethene	4.674	96	193181	49.17	ug/L	96
22) 2-Butanone	4.706	43	355004	99.88	ug/L	99
23) Bromochloromethane	4.983	128	104153	48.85	ug/L	97
25) Chloroform	5.096	83	329458	48.26	ug/L	99

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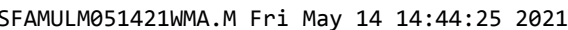
Instrument :
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 ClientSampleId :

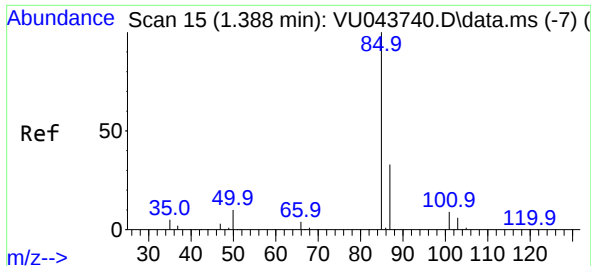
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	250431	47.59	ug/L	99
29) Cyclohexane	5.398	56	308505	49.71	ug/L	99
30) 1,1,1-Trichloroethane	5.324	97	269572	47.96	ug/L	99
31) Carbon tetrachloride	5.533	117	226436	49.07	ug/L	100
33) Benzene	5.780	78	769078	48.78	ug/L	100
34) Trichloroethene	6.549	95	184875	48.22	ug/L	98
35) Methylcyclohexane	6.771	83	303975	50.15	ug/L	100
37) 1,2-Dichloropropane	6.796	63	207520	48.21	ug/L	100
38) Bromodichloromethane	7.112	83	241308	47.34	ug/L	99
39) cis-1,3-Dichloropropene	7.613	75	289185	49.18	ug/L	99
40) 4-Methyl-2-pentanone	7.796	43	626541	96.70	ug/L	100
42) Toluene	7.976	91	818217	49.66	ug/L	99
44) trans-1,3-Dichloropropene	8.218	75	272162	49.22	ug/L	100
45) 1,1,2-Trichloroethane	8.407	97	191007	48.17	ug/L	99
46) Tetrachloroethene	8.558	164	150485	49.89	ug/L	99
48) 2-Hexanone	8.690	43	516736	99.32	ug/L	100
49) Dibromochloromethane	8.816	129	196792	48.38	ug/L	99
50) 1,2-Dibromoethane	8.931	107	200948	48.77	ug/L	98
51) Chlorobenzene	9.452	112	490380	48.06	ug/L	99
52) Ethylbenzene	9.574	91	848405	49.89	ug/L	100
53) m,p-Xylene	9.700	106	328799	51.06	ug/L	100
54) o-xylene	10.105	106	320159	50.25	ug/L	99
55) Styrene	10.121	104	553090	51.48	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.790	83	339633	46.98	ug/L	98
59) Bromoform	10.298	173	151904	45.97	ug/L #	97
60) 1,2,3-Trichloropropane	10.828	75	276839	46.92	ug/L	100
61) Isopropylbenzene	10.491	105	826195	50.03	ug/L	100
62) 1,3,5-Trimethylbenzene	11.095	105	698582	50.95	ug/L	100
63) 1,2,4-Trimethylbenzene	11.475	105	709014	51.49	ug/L	100
64) 1,3-Dichlorobenzene	11.751	146	391817	48.79	ug/L	100
65) 1,4-Dichlorobenzene	11.841	146	393633	48.05	ug/L	99
67) 1,2-Dichlorobenzene	12.217	146	401287	47.98	ug/L	99
68) 1,2-Dibromo-3-chloropr...	13.002	75	73099	45.25	ug/L	93
69) 1,3,5-Trichlorobenzene	13.224	180	294257	49.44	ug/L	100
70) 1,2,4-trichlorobenzene	13.848	180	247287	48.64	ug/L	99
71) Naphthalene	14.092	128	832950	49.10	ug/L	100
72) 1,2,3-Trichlorobenzene	14.336	180	262142	48.97	ug/L	100

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

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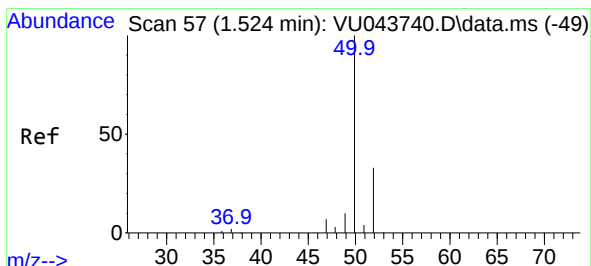
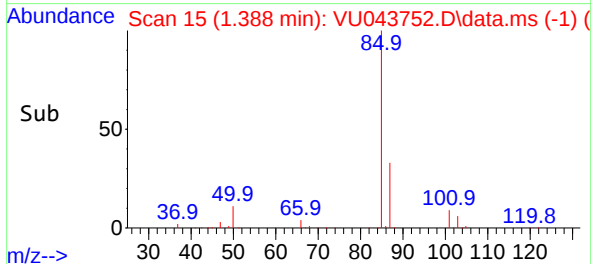
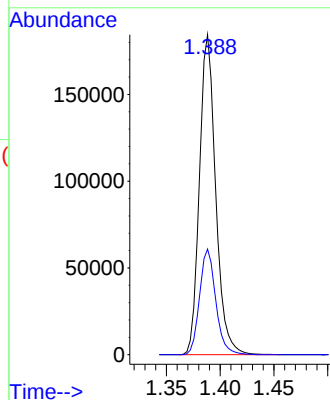
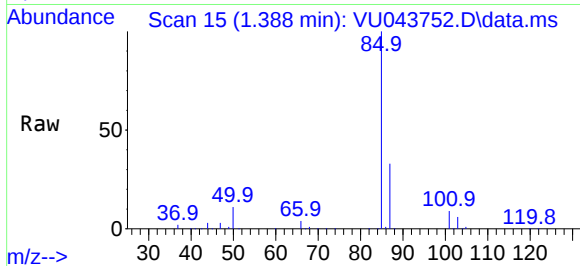




#2
Dichlorodifluoromethane
Concen: 48.08 ug/L
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU043752.D
Acq: 14 May 2021 13:35

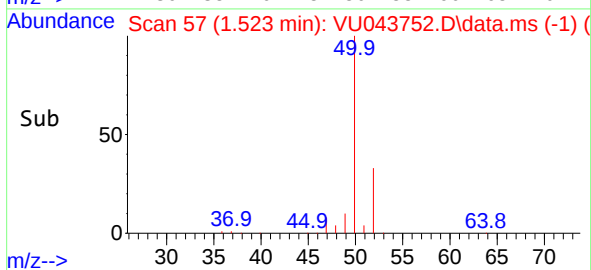
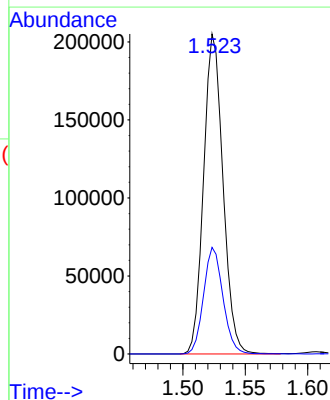
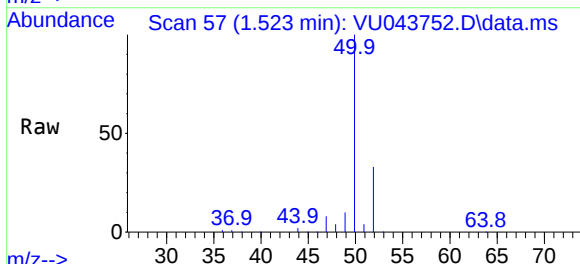
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MSVOA_U
ClientSampled :

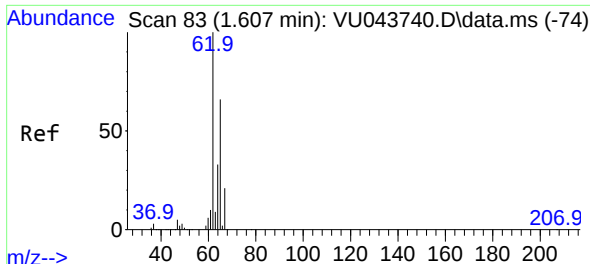
Tgt Ion: 85 Resp: 193230
Ion Ratio Lower Upper
85 100
87 32.9 25.9 38.9



#3
Chloromethane
Concen: 45.68 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU043752.D
Acq: 14 May 2021 13:35

Tgt Ion: 50 Resp: 221966
Ion Ratio Lower Upper
50 100
52 33.3 23.2 43.2

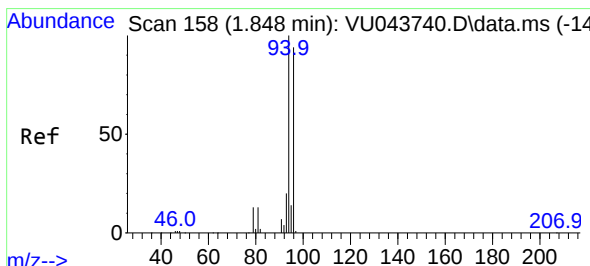
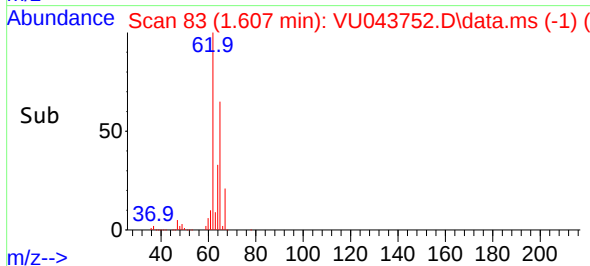
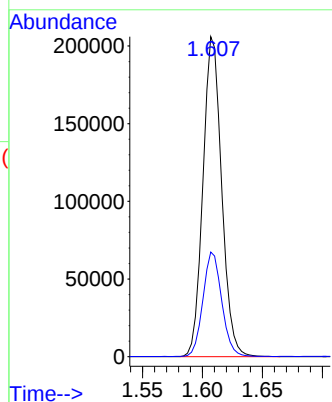
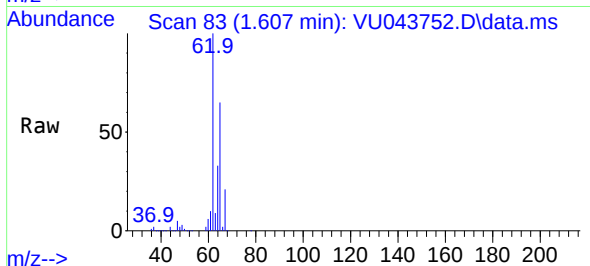




#5
 Vinyl chloride
 Concen: 47.42 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU043752.D
 Acq: 14 May 2021 13:35

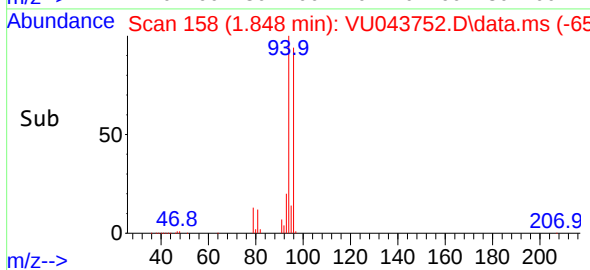
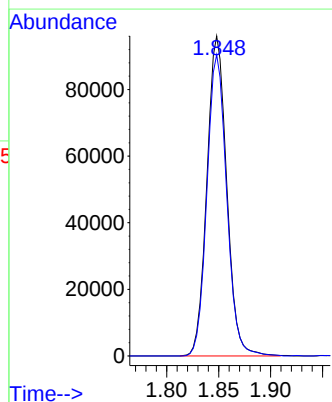
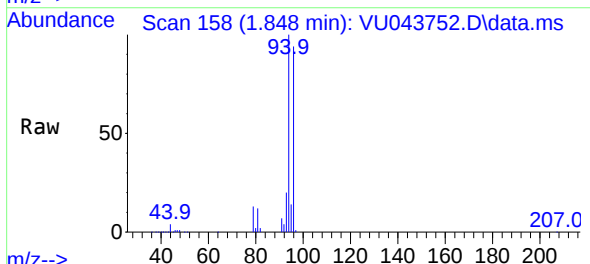
Instrument :
 MSVOA_U
 ClientSampled :

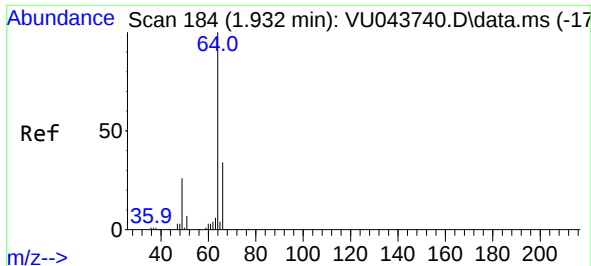
Tgt Ion: 62 Resp: 223978
 Ion Ratio Lower Upper
 62 100
 64 32.7 22.9 42.5



#6
 Bromomethane
 Concen: 55.23 ug/L
 RT: 1.848 min Scan# 158
 Delta R.T. 0.000 min
 Lab File: VU043752.D
 Acq: 14 May 2021 13:35

Tgt Ion: 94 Resp: 127229
 Ion Ratio Lower Upper
 94 100
 96 94.1 64.2 119.2

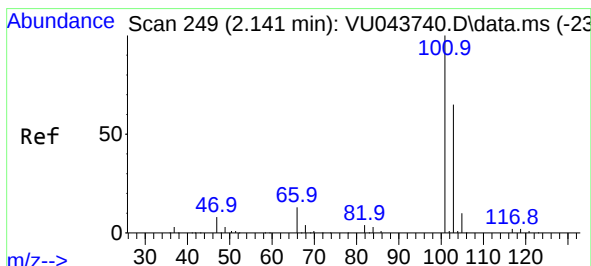
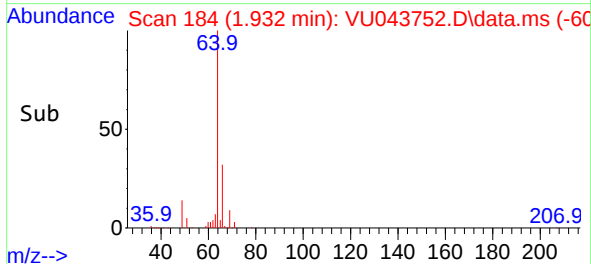
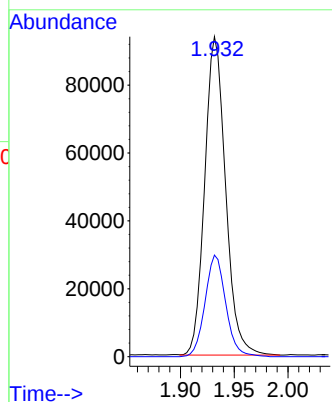
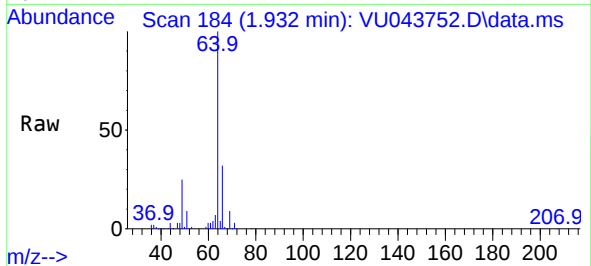




#8
Chloroethane
Concen: 47.41 ug/L
RT: 1.932 min Scan# 184
Delta R.T. 0.000 min
Lab File: VU043752.D
Acq: 14 May 2021 13:35

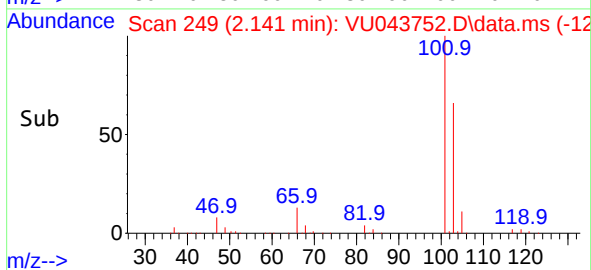
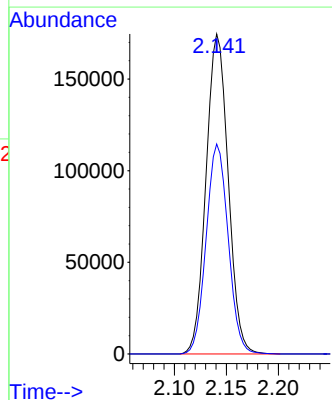
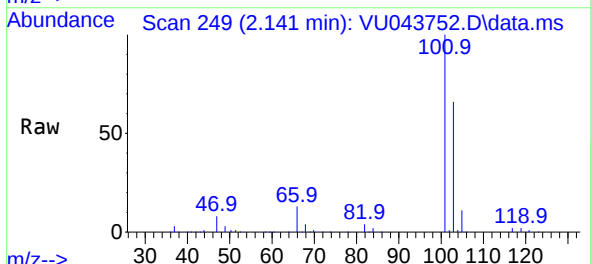
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MSVOA_U
ClientSampleId :

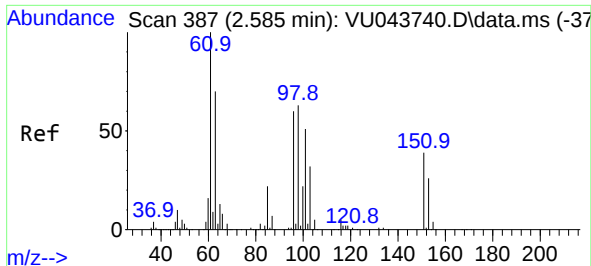
Tgt Ion: 64 Resp: 126786
Ion Ratio Lower Upper
64 100
66 31.7 23.2 43.2



#9
Trichlorofluoromethane
Concen: 48.36 ug/L
RT: 2.141 min Scan# 249
Delta R.T. 0.000 min
Lab File: VU043752.D
Acq: 14 May 2021 13:35

Tgt Ion:101 Resp: 258257
Ion Ratio Lower Upper
101 100
103 65.2 52.3 78.5

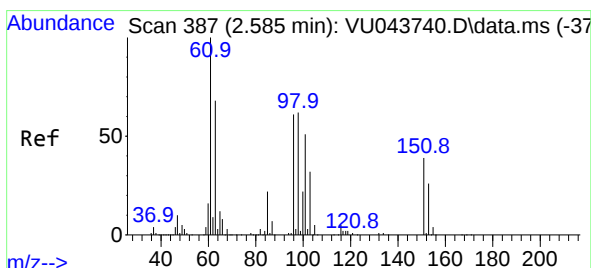
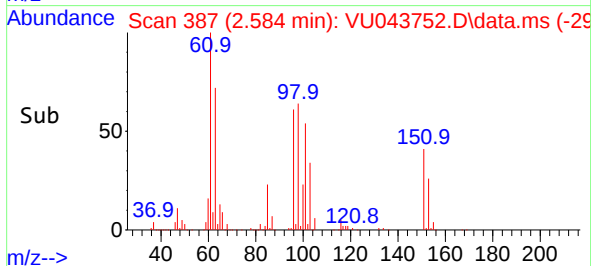
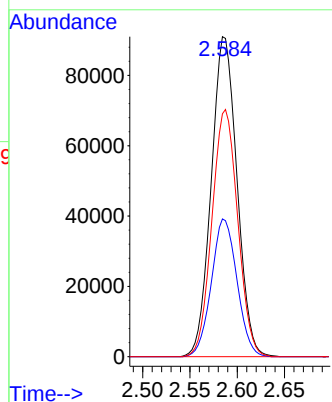
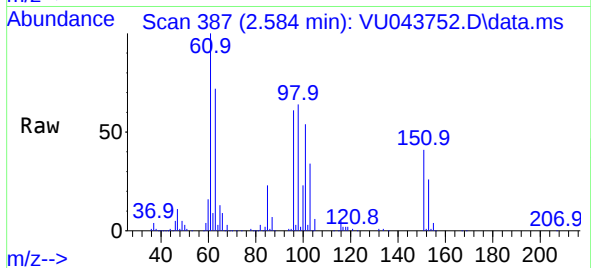




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 49.32 ug/L
RT: 2.584 min Scan# 387
Delta R.T. 0.000 min
Lab File: VU043752.D
Acq: 14 May 2021 13:35

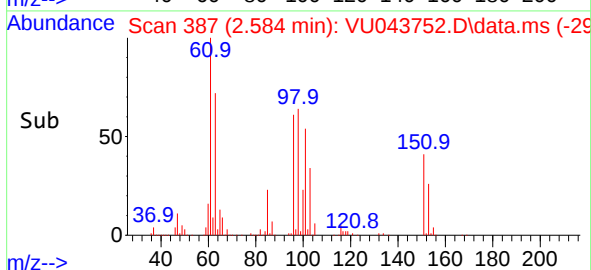
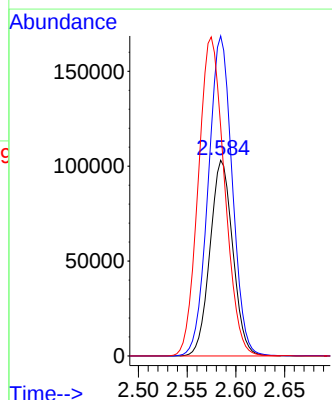
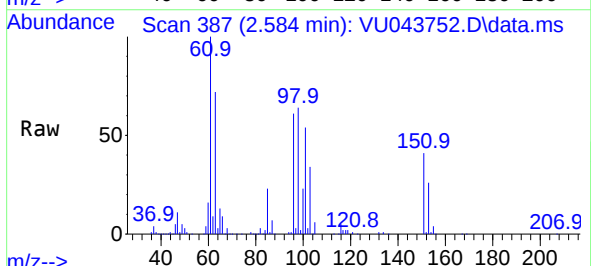
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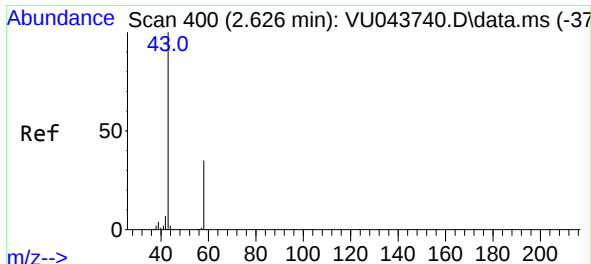
Tgt Ion:101 Resp: 172351
Ion Ratio Lower Upper
101 100
85 42.9 34.2 51.4
151 77.3 60.4 90.6



#12
1,1-Dichloroethene
Concen: 48.75 ug/L
RT: 2.584 min Scan# 387
Delta R.T. 0.000 min
Lab File: VU043752.D
Acq: 14 May 2021 13:35

Tgt Ion: 96 Resp: 168047
Ion Ratio Lower Upper
96 100
61 163.5 116.3 215.9
63 117.0 80.8 150.2

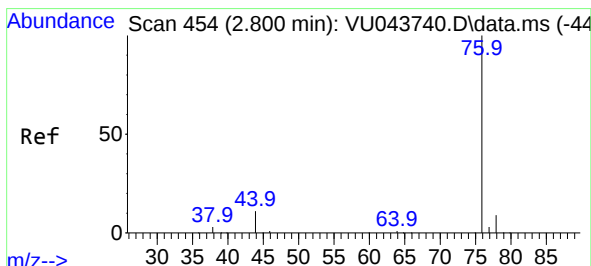
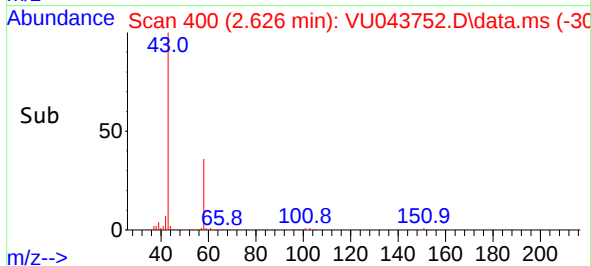
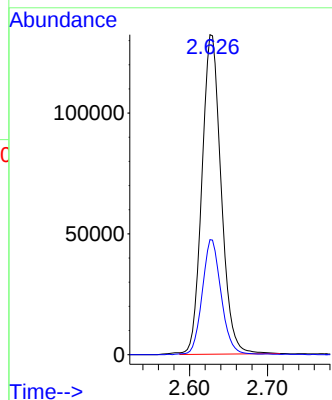
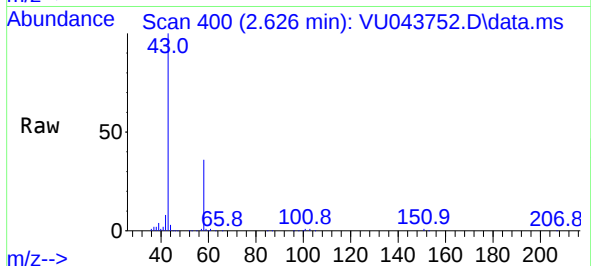




#13
Acetone
Concen: 104.73 ug/L
RT: 2.626 min Scan# 400
Delta R.T. -0.003 min
Lab File: VU043752.D
Acq: 14 May 2021 13:35

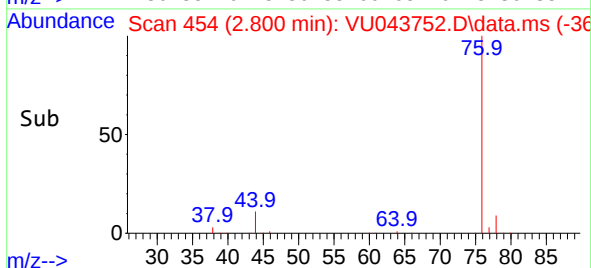
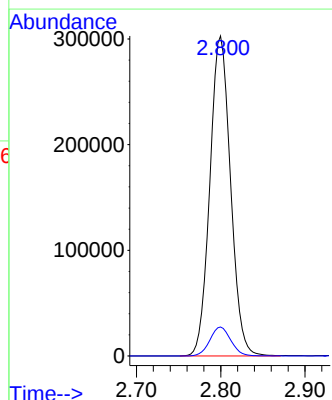
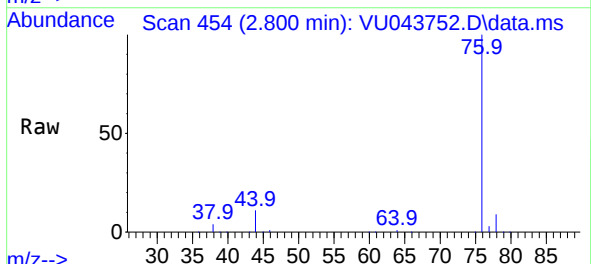
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ClientSampleId :

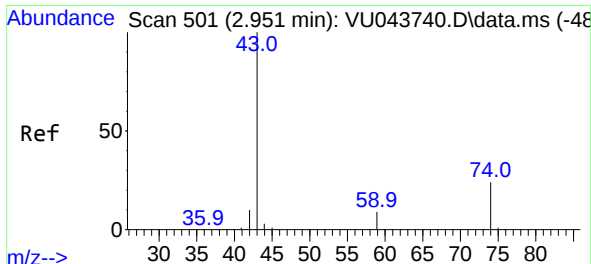
Tgt Ion: 43 Resp: 226131
Ion Ratio Lower Upper
43 100
58 35.6 0.0 69.4



#14
Carbon disulfide
Concen: 47.46 ug/L
RT: 2.800 min Scan# 454
Delta R.T. 0.000 min
Lab File: VU043752.D
Acq: 14 May 2021 13:35

Tgt Ion: 76 Resp: 516510
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7

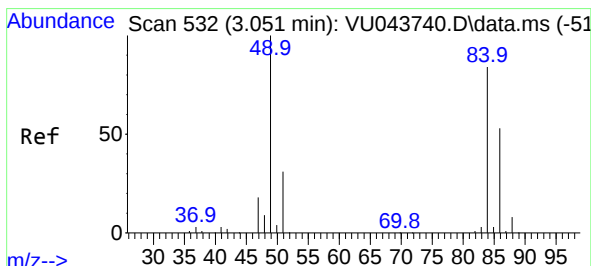
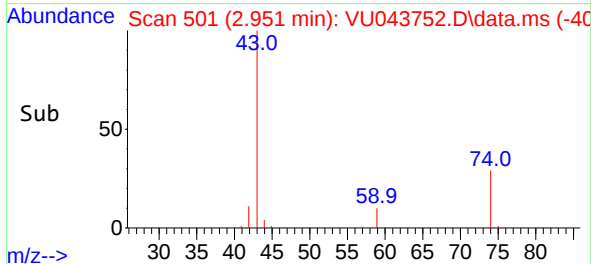
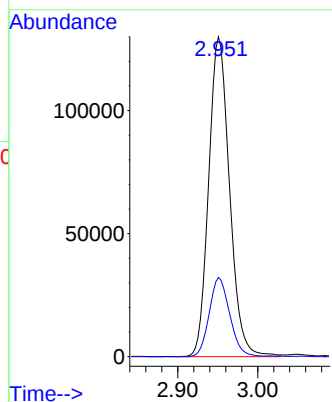
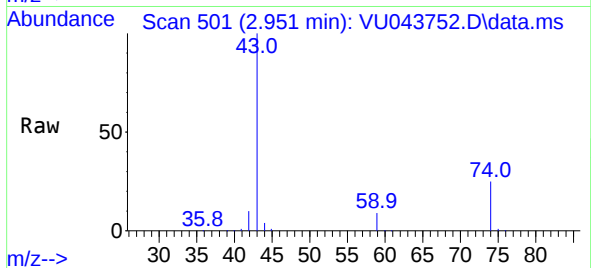




#15
Methyl Acetate
Concen: 48.13 ug/L
RT: 2.951 min Scan# 501
Delta R.T. 0.000 min
Lab File: VU043752.D
Acq: 14 May 2021 13:35

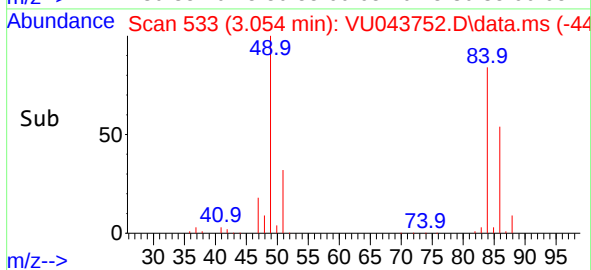
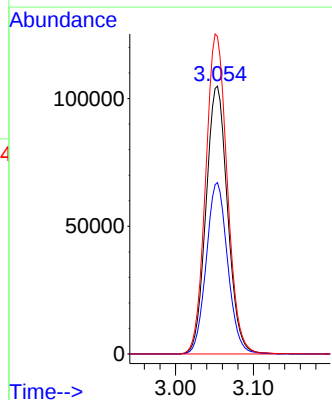
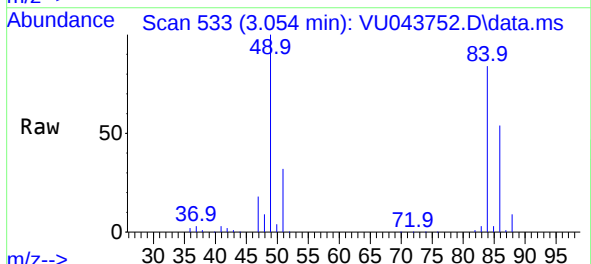
Instrument :
MSVOA_U
ClientSampled :

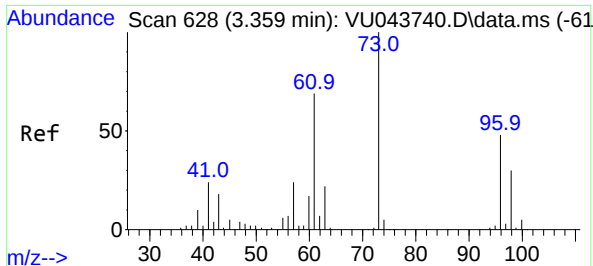
Tgt Ion: 43 Resp: 235859
Ion Ratio Lower Upper
43 100
74 24.3 19.3 28.9



#16
Methylene chloride
Concen: 39.12 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU043752.D
Acq: 14 May 2021 13:35

Tgt Ion: 84 Resp: 201934
Ion Ratio Lower Upper
84 100
86 63.9 44.9 83.5
49 118.5 84.9 157.7

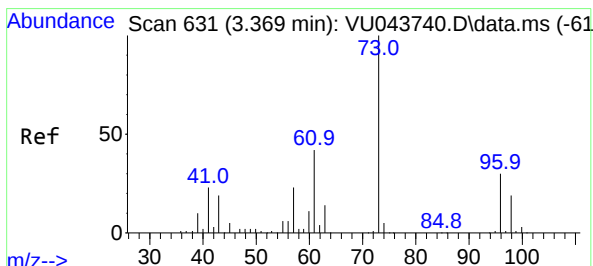
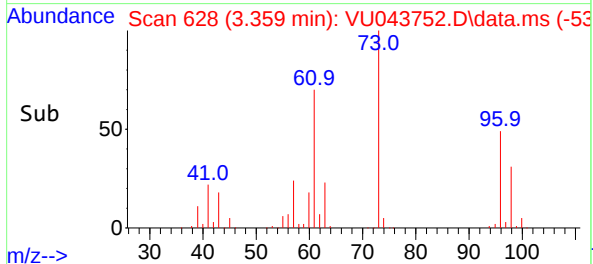
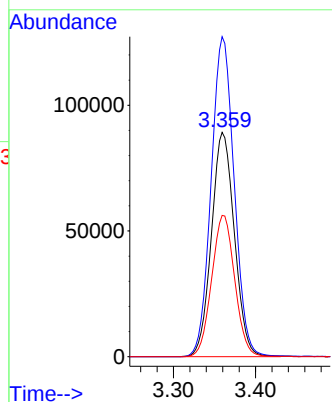
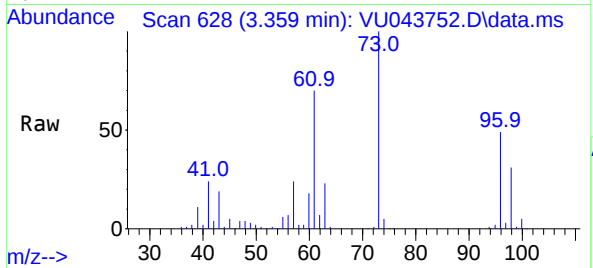




#17
trans-1,2-Dichloroethene
Concen: 48.66 ug/L
RT: 3.359 min Scan# 628
Delta R.T. 0.000 min
Lab File: VU043752.D
Acq: 14 May 2021 13:35

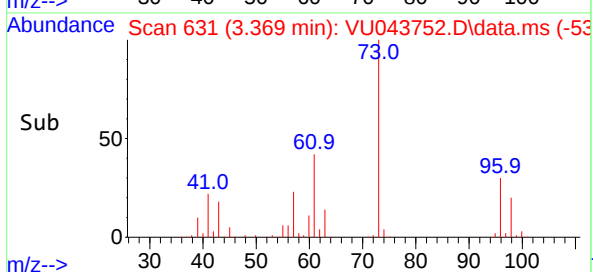
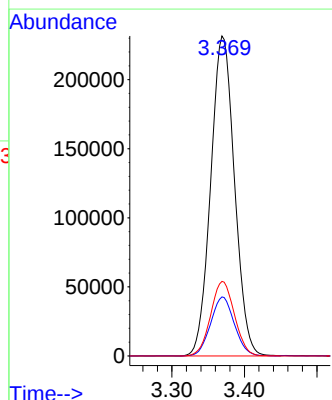
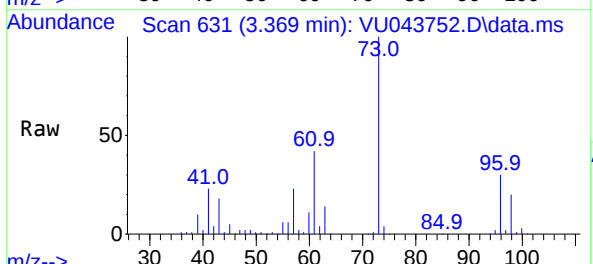
Instrument :
MSVOA_U
ClientSampleId :

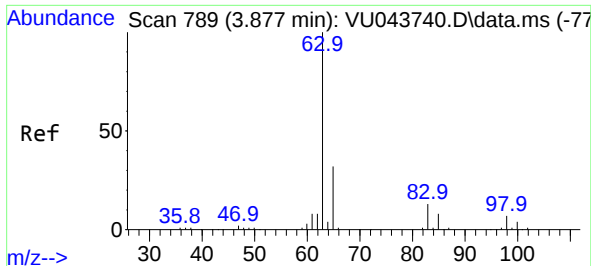
Tgt Ion: 96 Resp: 173527
Ion Ratio Lower Upper
96 100
61 142.6 101.5 188.5
98 63.0 44.9 83.5



#18
Methyl tert-butyl Ether
Concen: 48.77 ug/L
RT: 3.369 min Scan# 631
Delta R.T. 0.000 min
Lab File: VU043752.D
Acq: 14 May 2021 13:35

Tgt Ion: 73 Resp: 527557
Ion Ratio Lower Upper
73 100
43 18.5 14.6 22.0
57 23.4 18.2 27.4

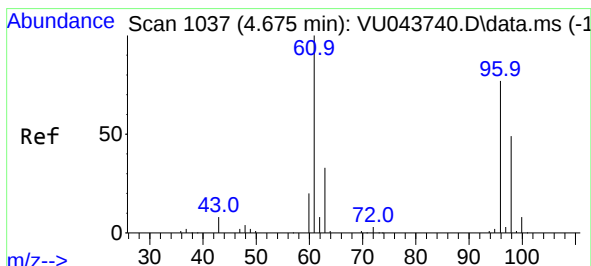
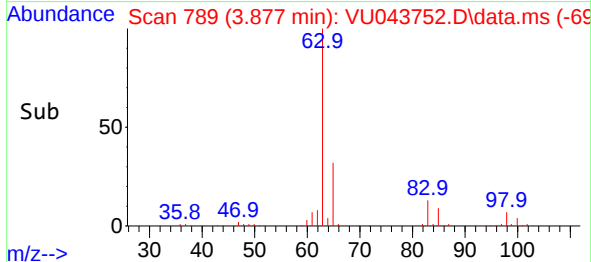
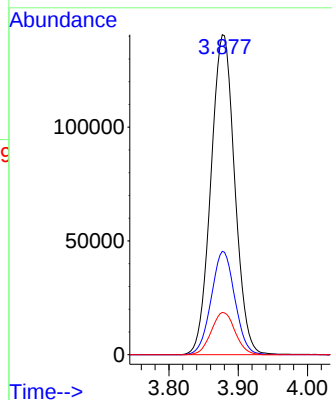
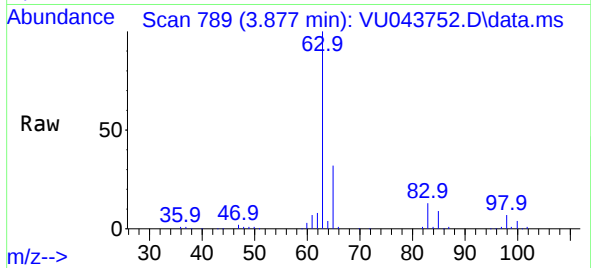




#19
1,1-Dichloroethane
Concen: 48.12 ug/L
RT: 3.877 min Scan# 789
Delta R.T. 0.000 min
Lab File: VU043752.D
Acq: 14 May 2021 13:35

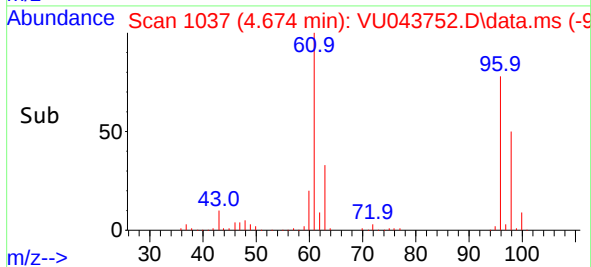
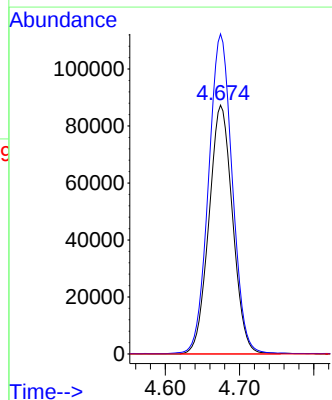
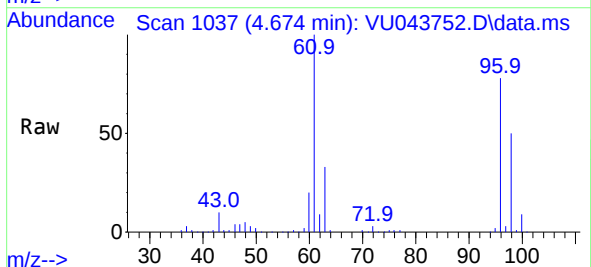
Instrument :
MSVOA_U
ClientSampleId :

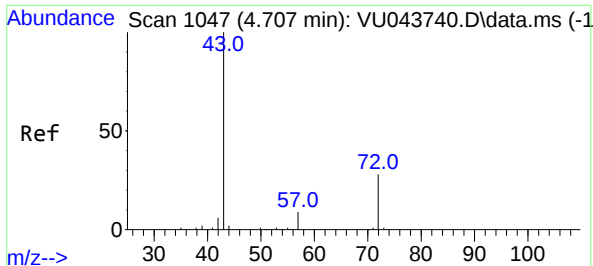
Tgt Ion: 63 Resp: 335475
Ion Ratio Lower Upper
63 100
65 32.3 22.0 41.0
83 13.2 8.7 16.1



#20
cis-1,2-Dichloroethene
Concen: 49.17 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VU043752.D
Acq: 14 May 2021 13:35

Tgt Ion: 96 Resp: 193181
Ion Ratio Lower Upper
96 100
61 128.6 93.1 172.9
68 0.0 0.0 0.0

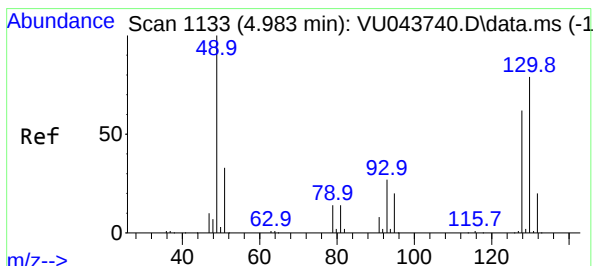
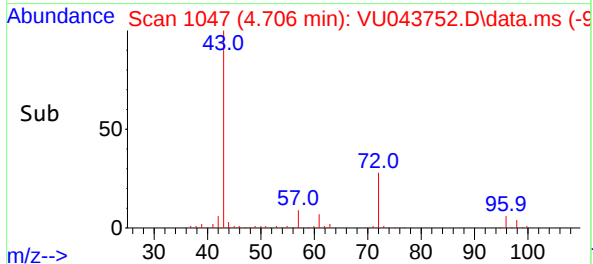
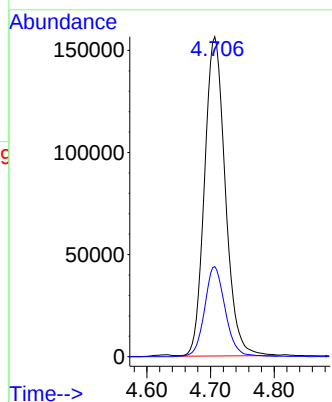
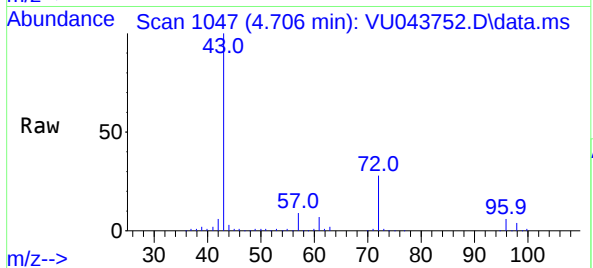




#22
2-Butanone
Concen: 99.88 ug/L
RT: 4.706 min Scan# 1047
Delta R.T. 0.000 min
Lab File: VU043752.D
Acq: 14 May 2021 13:35

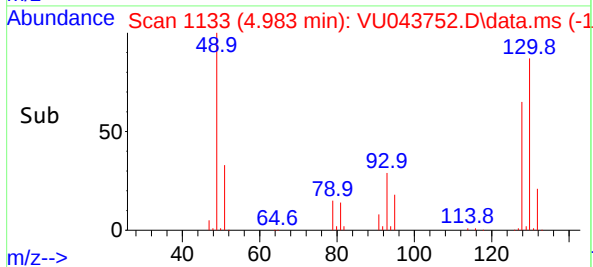
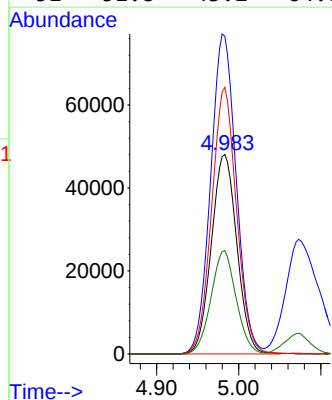
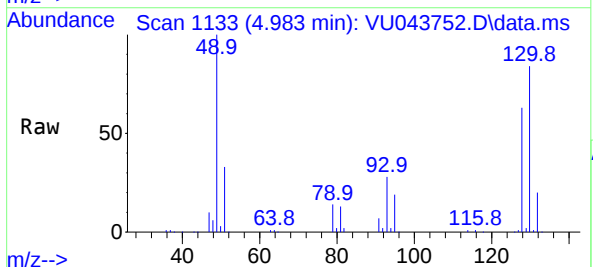
Instrument :
MSVOA_U
ClientSampled :

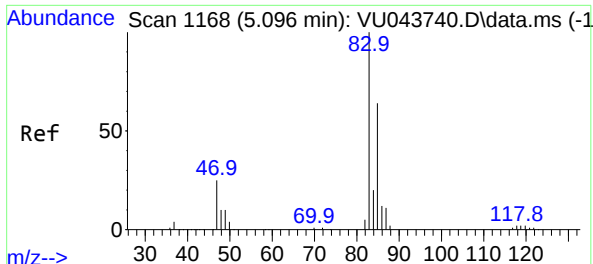
Tgt Ion: 43 Resp: 355004
Ion Ratio Lower Upper
43 100
72 28.1 13.9 41.6



#23
Bromochloromethane
Concen: 48.85 ug/L
RT: 4.983 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VU043752.D
Acq: 14 May 2021 13:35

Tgt Ion:128 Resp: 104153
Ion Ratio Lower Upper
128 100
49 159.3 116.8 216.8
130 133.6 93.3 173.3
51 51.8 43.2 64.8



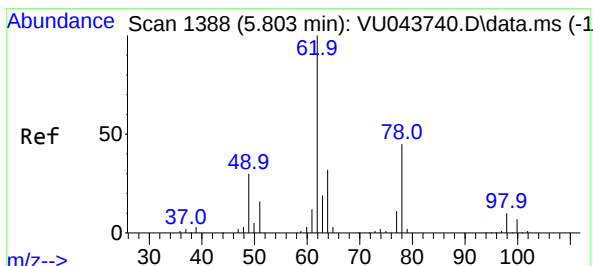
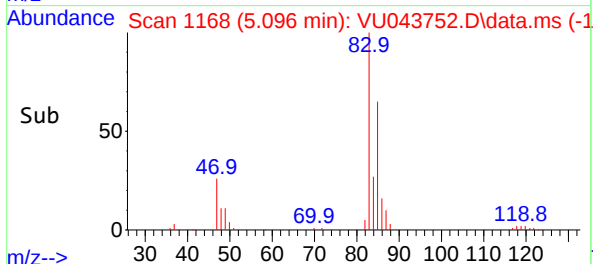
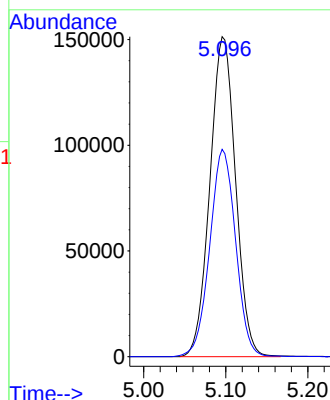
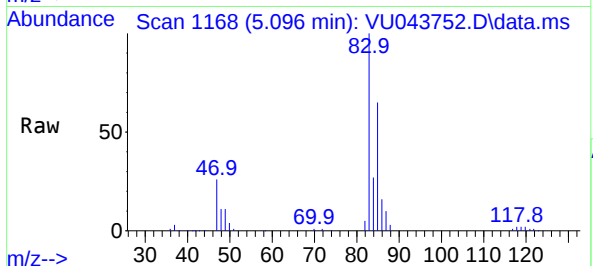


#25

Chloroform
Concen: 48.26 ug/L
RT: 5.096 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VU043752.D
Acq: 14 May 2021 13:35

Instrument :
MSVOA_U
ClientSampled :

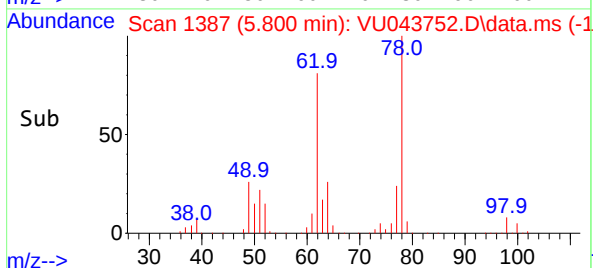
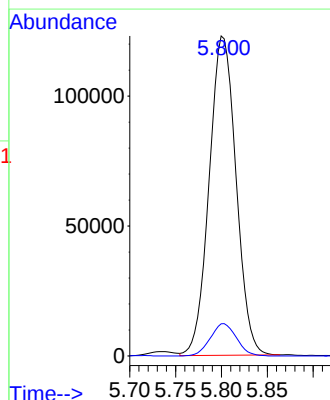
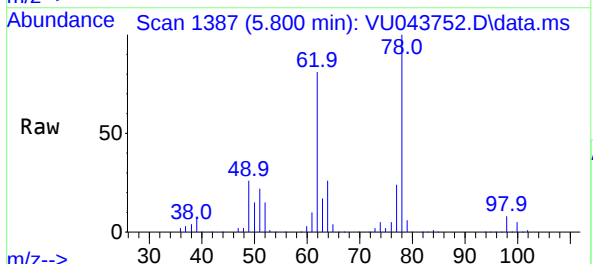
Tgt Ion: 83 Resp: 329458
Ion Ratio Lower Upper
83 100
85 64.8 45.7 84.9

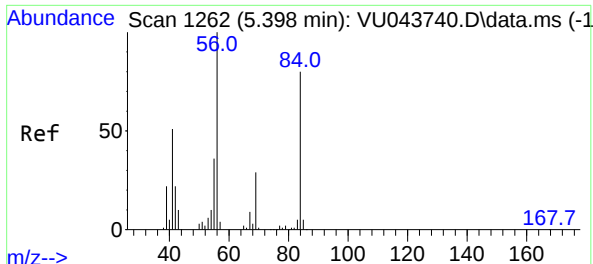


#27

1,2-Dichloroethane
Concen: 47.59 ug/L
RT: 5.800 min Scan# 1387
Delta R.T. -0.003 min
Lab File: VU043752.D
Acq: 14 May 2021 13:35

Tgt Ion: 62 Resp: 250431
Ion Ratio Lower Upper
62 100
98 10.0 7.6 11.4

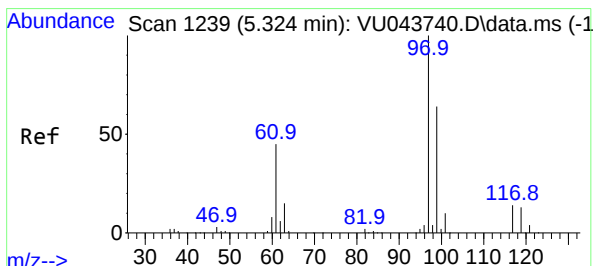
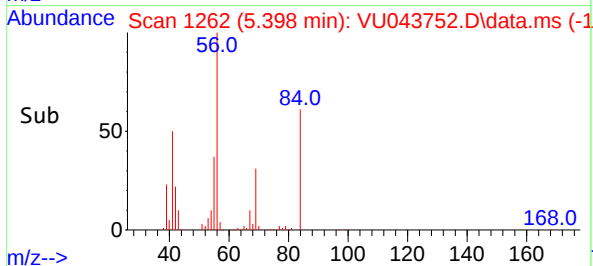
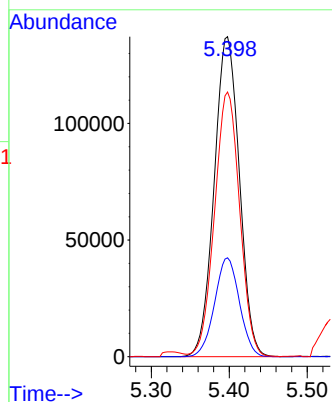
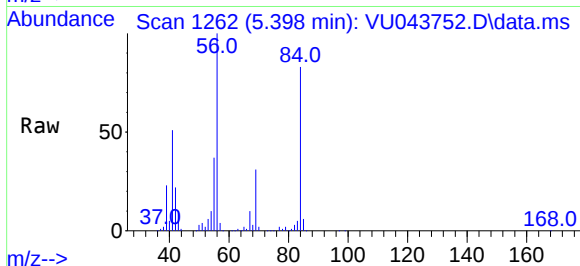




#29
Cyclohexane
Concen: 49.71 ug/L
RT: 5.398 min Scan# 1262
Delta R.T. 0.000 min
Lab File: VU043752.D
Acq: 14 May 2021 13:35

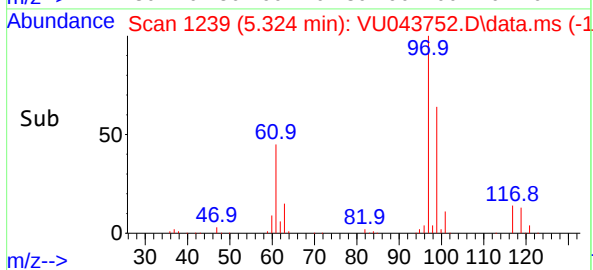
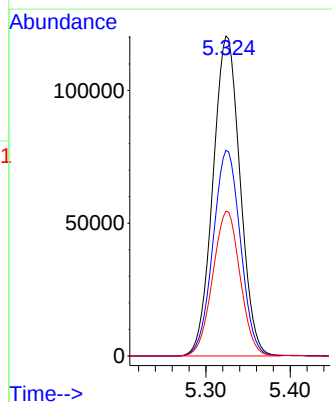
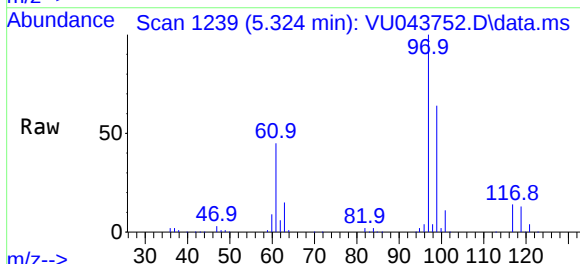
Instrument :
MSVOA_U
ClientSampled :

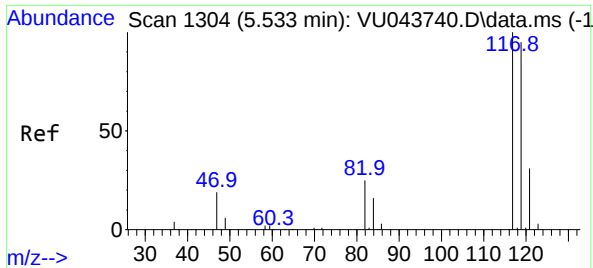
Tgt Ion: 56 Resp: 308505
Ion Ratio Lower Upper
56 100
69 30.5 24.6 37.0
84 82.5 65.0 97.4



#30
1,1,1-Trichloroethane
Concen: 47.96 ug/L
RT: 5.324 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VU043752.D
Acq: 14 May 2021 13:35

Tgt Ion: 97 Resp: 269572
Ion Ratio Lower Upper
97 100
99 65.1 51.7 77.5
61 45.7 36.9 55.3

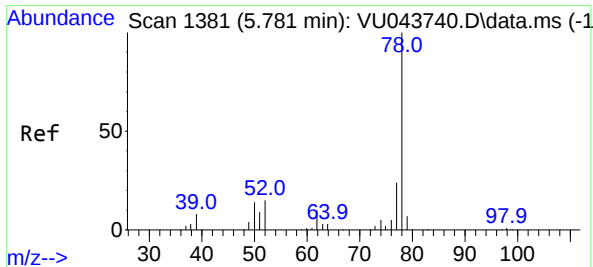
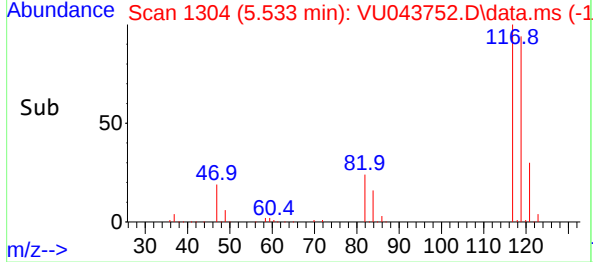
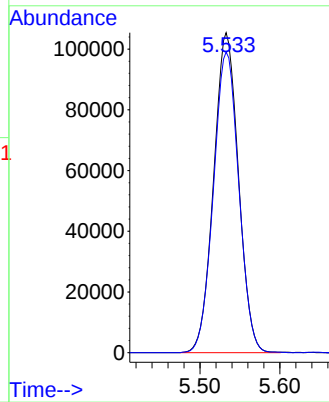
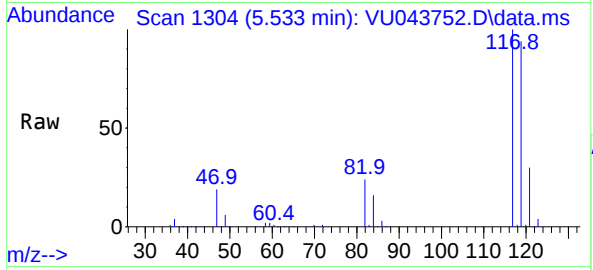




#31
Carbon tetrachloride
Concen: 49.07 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VU043752.D
Acq: 14 May 2021 13:35

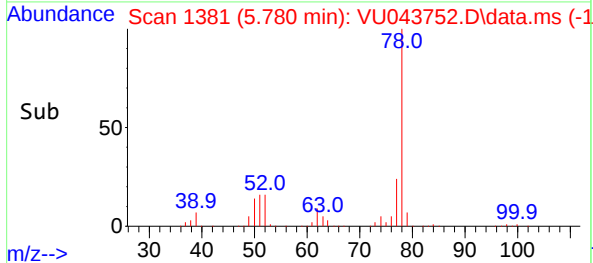
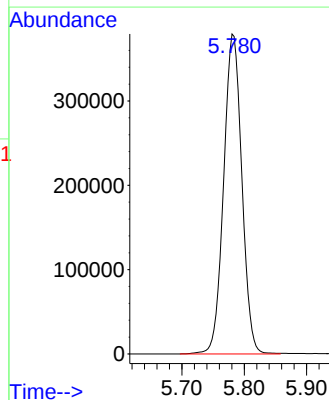
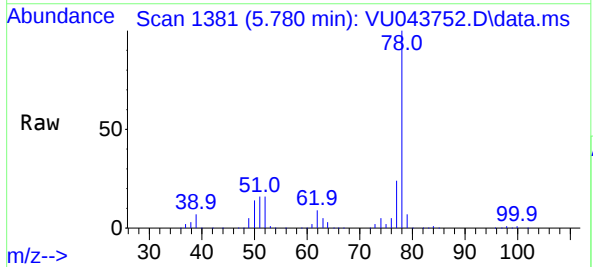
Instrument :
MSVOA_U
ClientSampled :

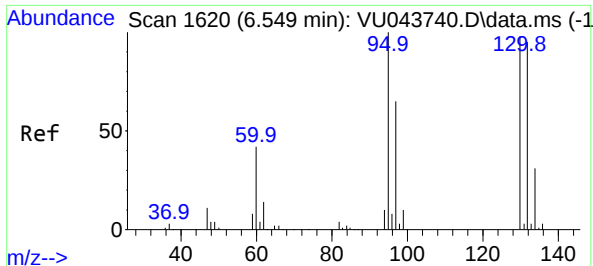
Tgt Ion:117 Resp: 226436
Ion Ratio Lower Upper
117 100
119 96.1 77.0 115.6



#33
Benzene
Concen: 48.78 ug/L
RT: 5.780 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VU043752.D
Acq: 14 May 2021 13:35

Tgt Ion: 78 Resp: 769078

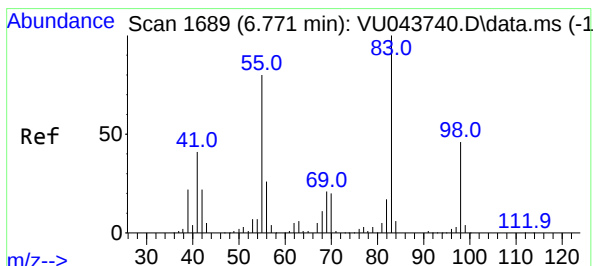
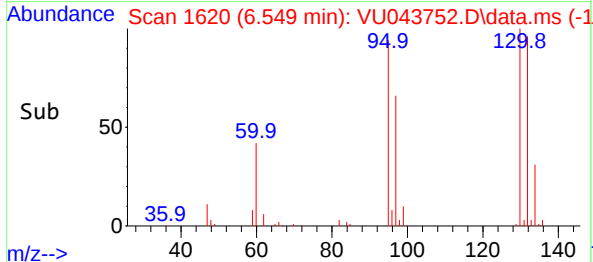
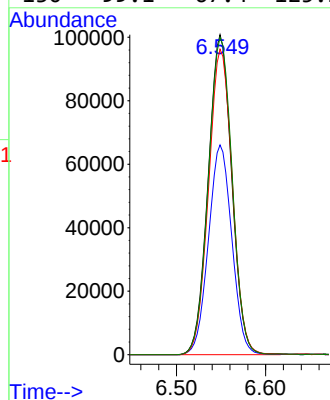
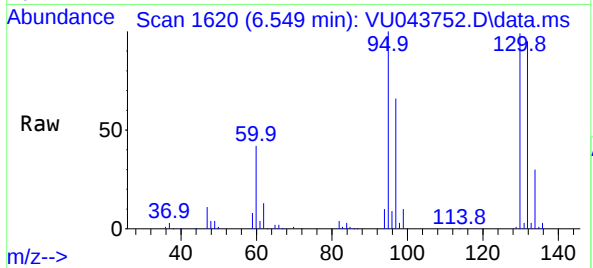




#34
Trichloroethene
Concen: 48.22 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VU043752.D
Acq: 14 May 2021 13:35

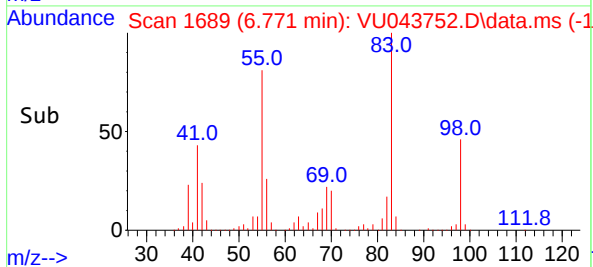
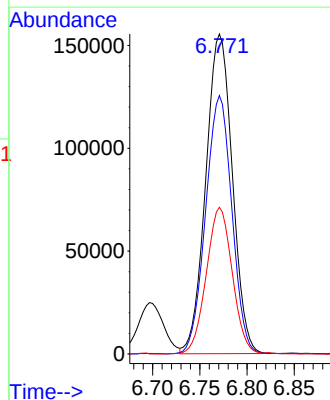
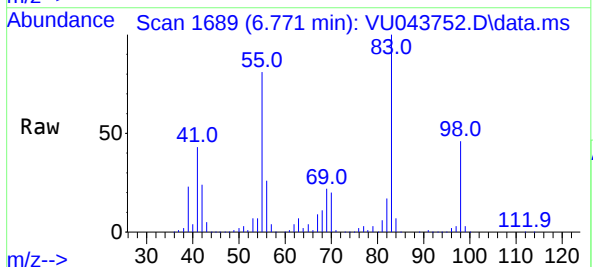
Instrument :
MSVOA_U
ClientSampleId :

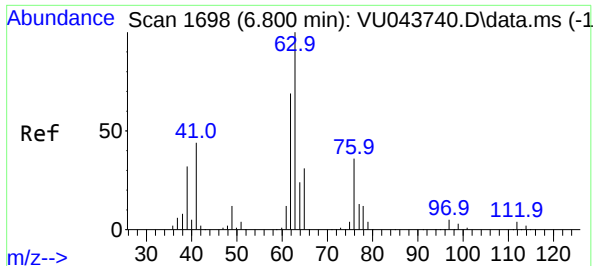
Tgt Ion: 95 Resp: 184875
Ion Ratio Lower Upper
95 100
97 65.6 44.2 82.2
132 95.4 66.8 124.2
130 99.1 67.4 125.2



#35
Methylcyclohexane
Concen: 50.15 ug/L
RT: 6.771 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VU043752.D
Acq: 14 May 2021 13:35

Tgt Ion: 83 Resp: 303975
Ion Ratio Lower Upper
83 100
55 79.9 63.8 95.6
98 44.8 36.2 54.2



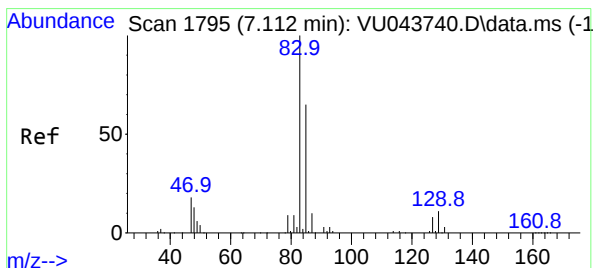
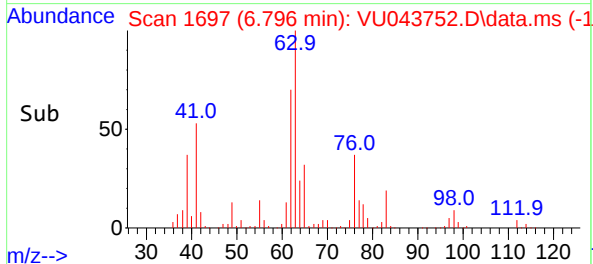
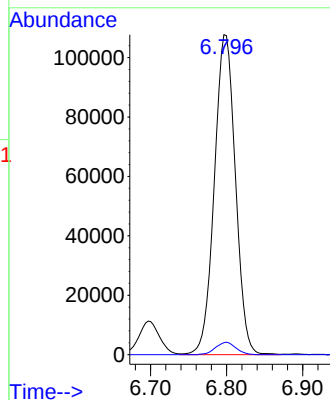
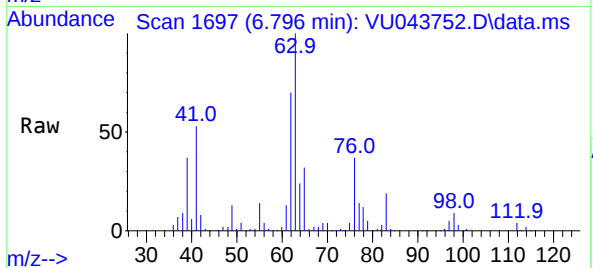


#37

1,2-Dichloropropane
Concen: 48.21 ug/L
RT: 6.796 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VU043752.D
Acq: 14 May 2021 13:35

Instrument :
MSVOA_U
ClientSampled :

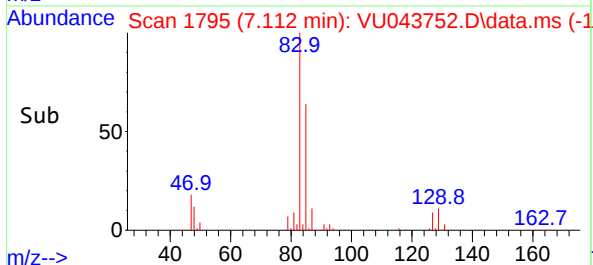
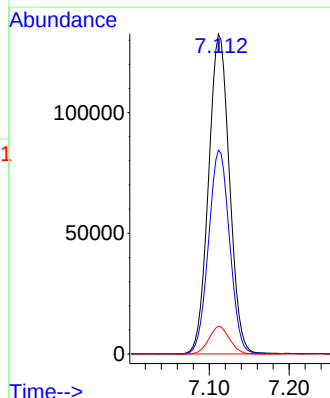
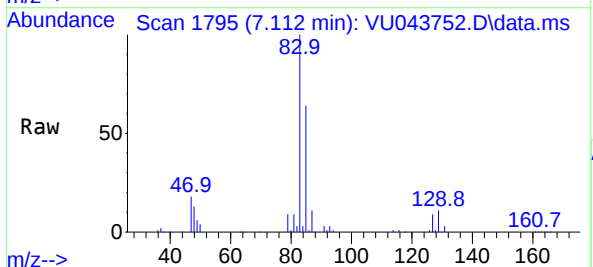
Tgt Ion: 63 Resp: 207520
Ion Ratio Lower Upper
63 100
112 3.7 3.0 4.4

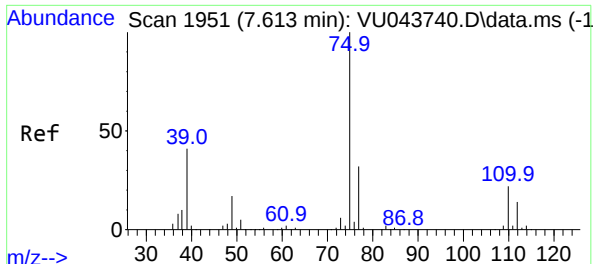


#38

Bromodichloromethane
Concen: 47.34 ug/L
RT: 7.112 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VU043752.D
Acq: 14 May 2021 13:35

Tgt Ion: 83 Resp: 241308
Ion Ratio Lower Upper
83 100
85 63.7 44.3 82.3
127 8.7 6.6 9.8

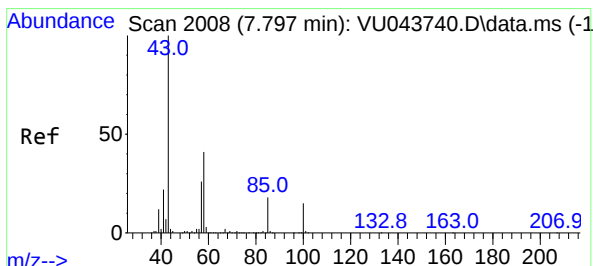
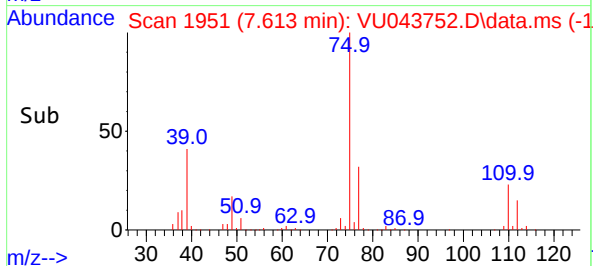
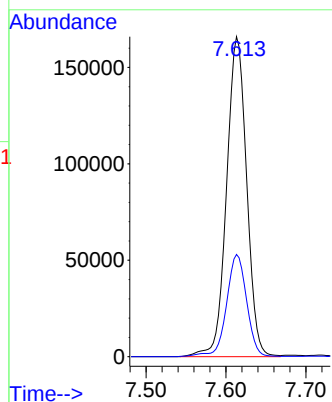
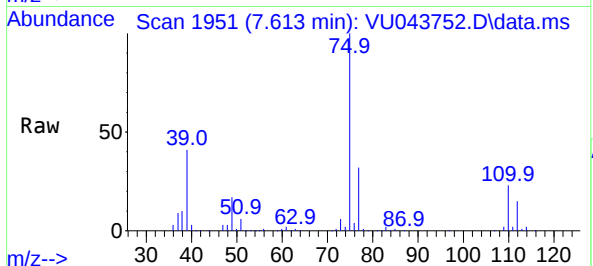




#39
cis-1,3-Dichloropropene
Concen: 49.18 ug/L
RT: 7.613 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VU043752.D
Acq: 14 May 2021 13:35

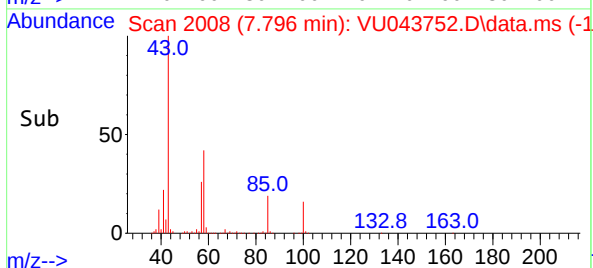
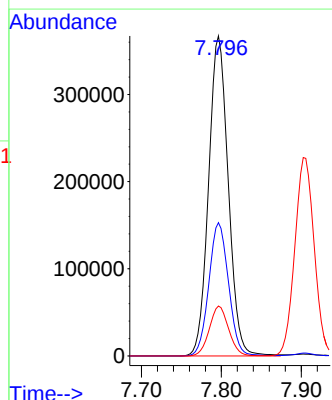
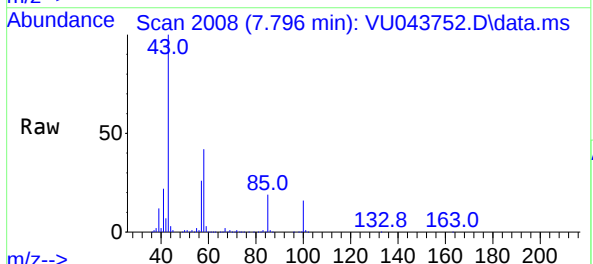
Instrument :
MSVOA_U
ClientSampled :

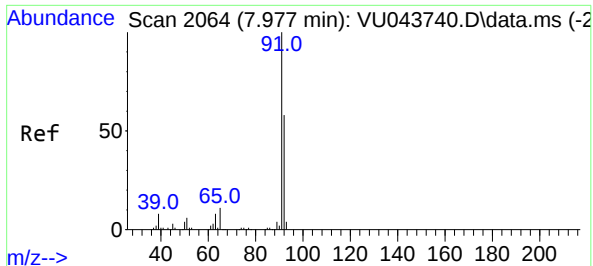
Tgt Ion: 75 Resp: 289185
Ion Ratio Lower Upper
75 100
77 31.9 22.0 41.0



#40
4-Methyl-2-pentanone
Concen: 96.70 ug/L
RT: 7.796 min Scan# 2008
Delta R.T. 0.000 min
Lab File: VU043752.D
Acq: 14 May 2021 13:35

Tgt Ion: 43 Resp: 626541
Ion Ratio Lower Upper
43 100
58 41.7 33.4 50.0
100 15.3 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: VU043752.D

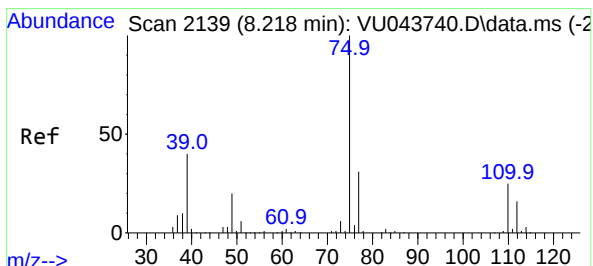
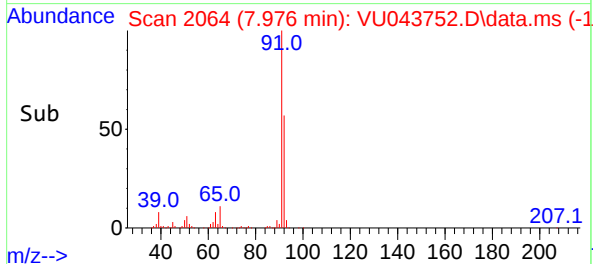
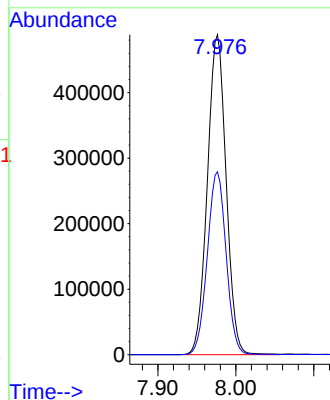
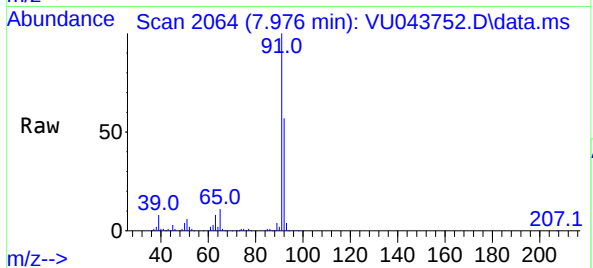
Acq: 14 May 2021 13:35

Tgt Ion: 91 Resp: 818217

Ion Ratio Lower Upper

91 100

92 57.2 39.7 73.7



#44

trans-1,3-Dichloropropene

Concen: 49.22 ug/L

RT: 8.218 min Scan# 2139

Delta R.T. 0.000 min

Lab File: VU043752.D

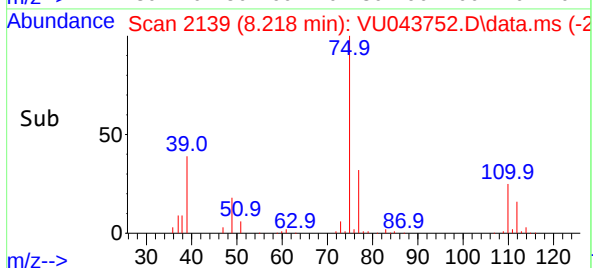
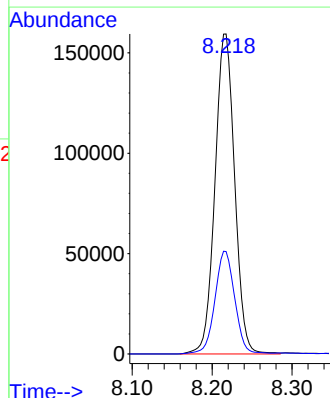
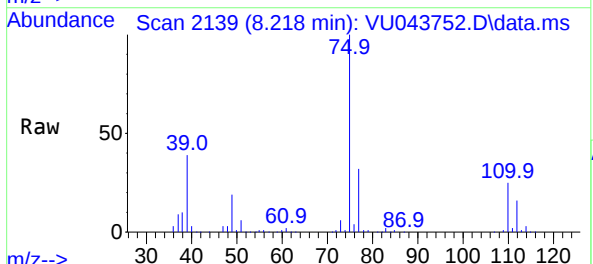
Acq: 14 May 2021 13:35

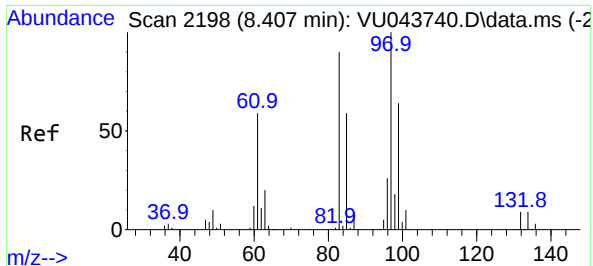
Tgt Ion: 75 Resp: 272162

Ion Ratio Lower Upper

75 100

77 32.0 22.4 41.6





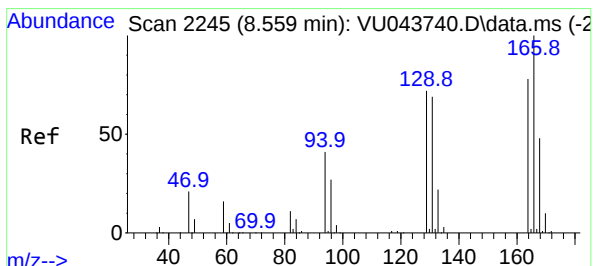
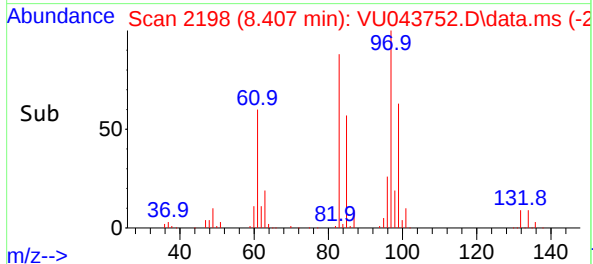
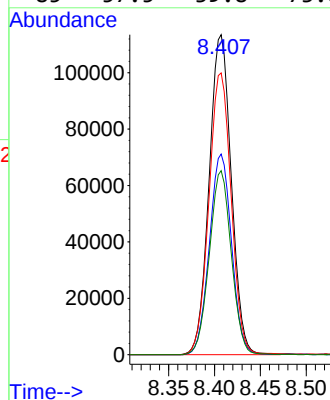
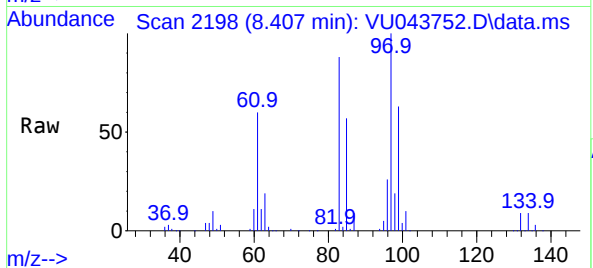
#45

1,1,2-Trichloroethane
Concen: 48.17 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. 0.000 min
Lab File: VU043752.D
Acq: 14 May 2021 13:35

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 191007

Ion	Ratio	Lower	Upper
97	100		
99	62.7	43.2	80.2
83	88.1	61.7	114.5
85	57.5	39.8	73.8

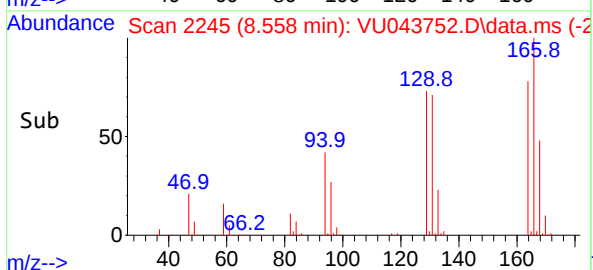
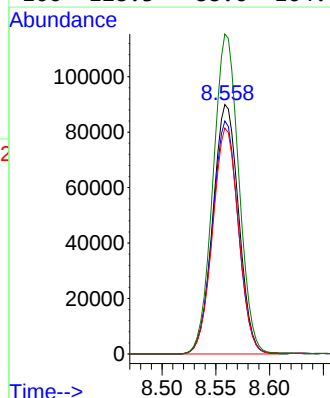
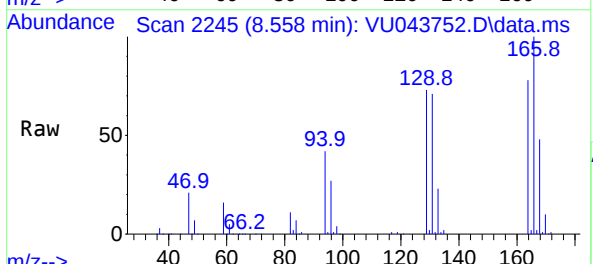


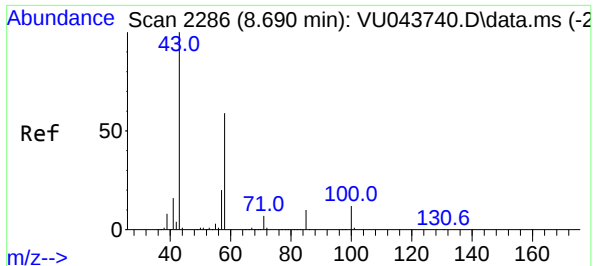
#46

Tetrachloroethene
Concen: 49.89 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. 0.000 min
Lab File: VU043752.D
Acq: 14 May 2021 13:35

Tgt Ion: 164 Resp: 150485

Ion	Ratio	Lower	Upper
164	100		
129	93.4	65.5	121.6
131	90.6	63.0	117.0
166	128.3	88.6	164.6



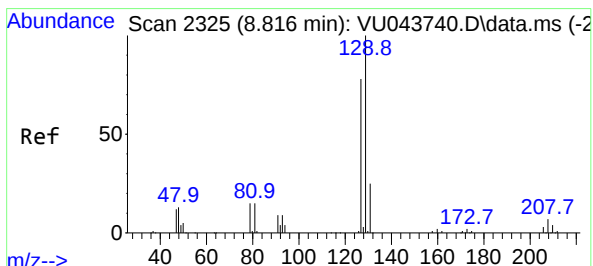
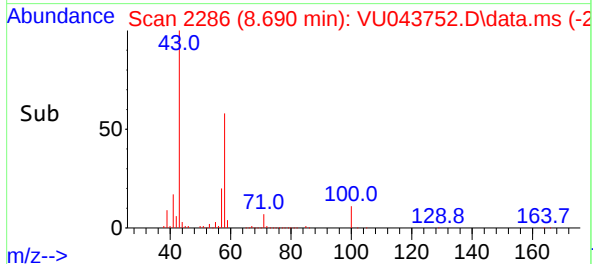
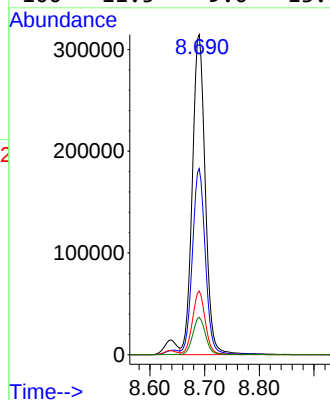
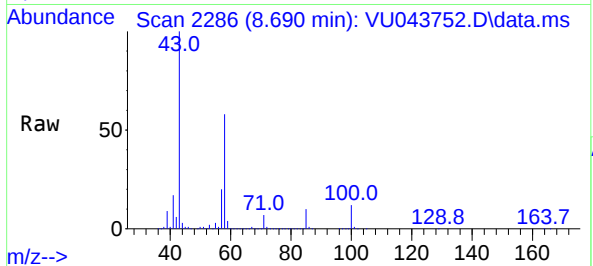


#48
2-Hexanone
Concen: 99.32 ug/L
RT: 8.690 min Scan# 2286
Delta R.T. 0.000 min
Lab File: VU043752.D
Acq: 14 May 2021 13:35

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 516736

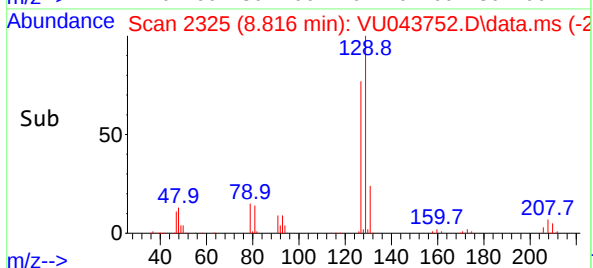
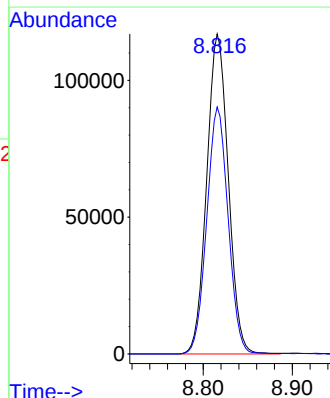
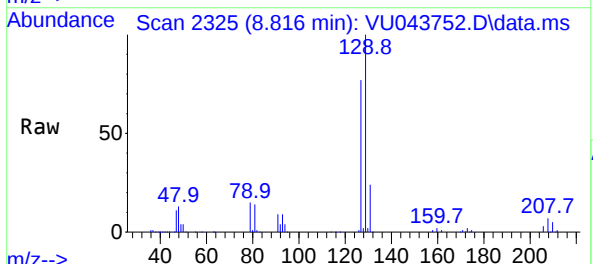
Ion	Ratio	Lower	Upper
43	100		
58	57.6	46.2	69.2
57	19.6	15.9	23.9
100	11.5	9.0	13.6

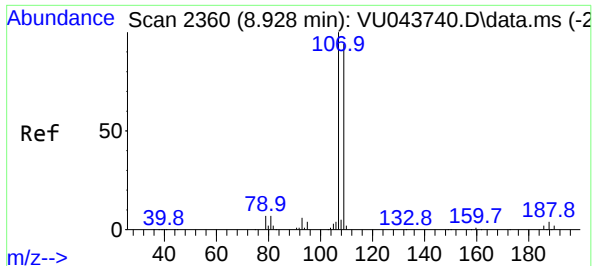


#49
Dibromochloromethane
Concen: 48.38 ug/L
RT: 8.816 min Scan# 2325
Delta R.T. 0.000 min
Lab File: VU043752.D
Acq: 14 May 2021 13:35

Tgt Ion: 129 Resp: 196792

Ion	Ratio	Lower	Upper
129	100		
127	77.1	54.5	101.1

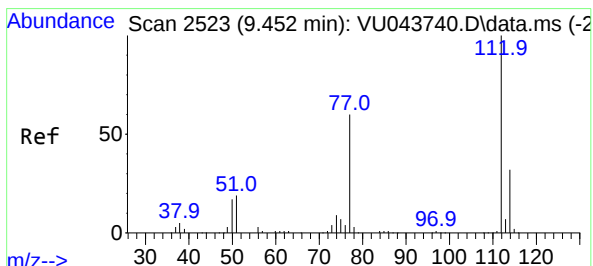
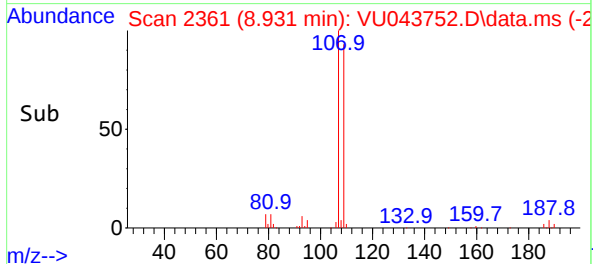
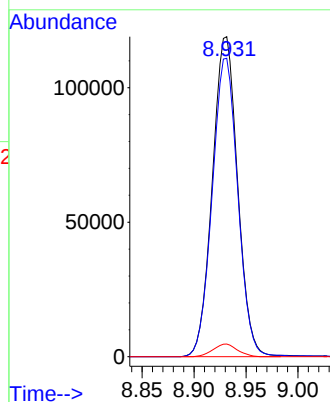
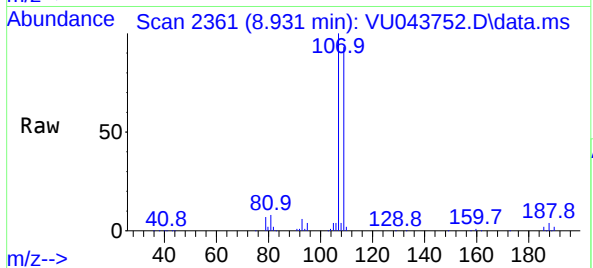




#50
1,2-Dibromoethane
Concen: 48.77 ug/L
RT: 8.931 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VU043752.D
Acq: 14 May 2021 13:35

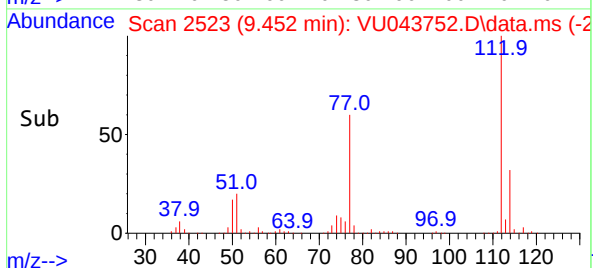
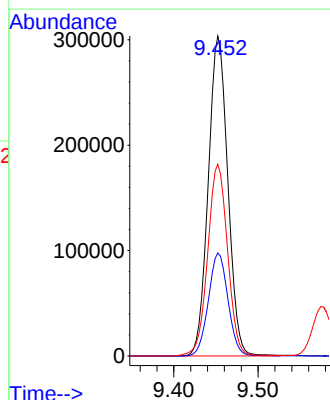
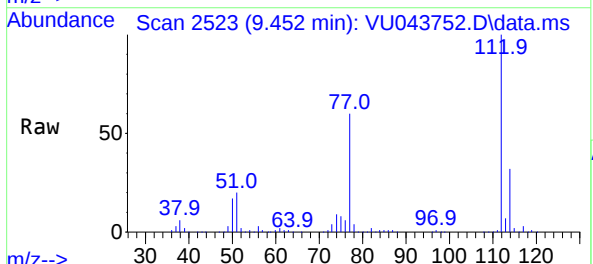
Instrument :
MSVOA_U
ClientSampleId :

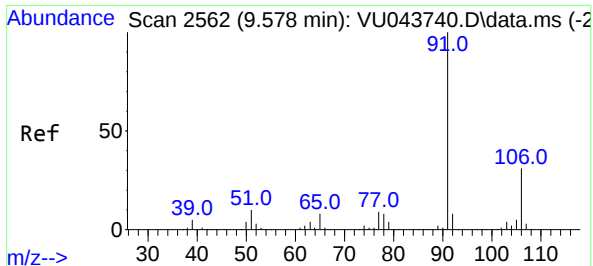
Tgt Ion:107 Resp: 200948
Ion Ratio Lower Upper
107 100
109 93.2 66.5 123.5
188 4.1 3.2 4.8



#51
Chlorobenzene
Concen: 48.06 ug/L
RT: 9.452 min Scan# 2523
Delta R.T. 0.000 min
Lab File: VU043752.D
Acq: 14 May 2021 13:35

Tgt Ion:112 Resp: 490380
Ion Ratio Lower Upper
112 100
114 32.2 22.7 42.1
77 59.9 48.5 72.7

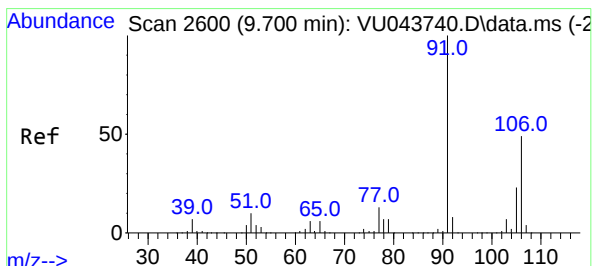
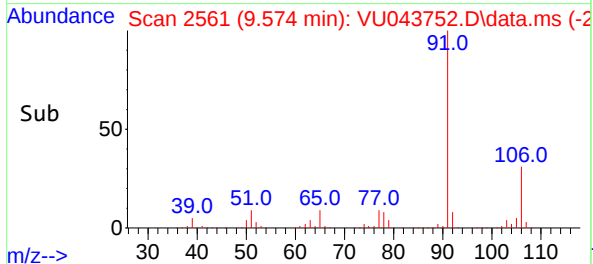
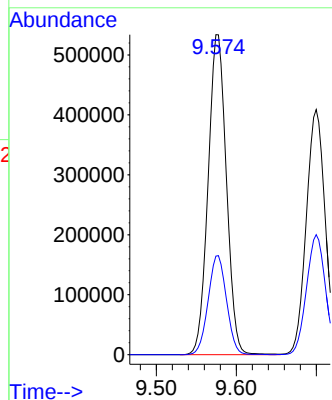
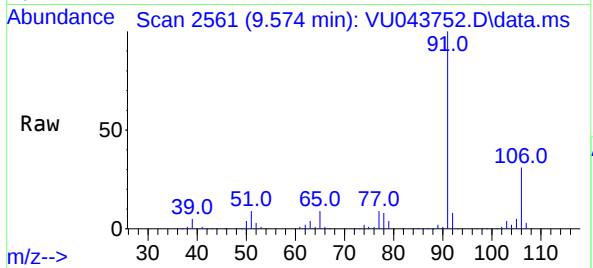




#52
Ethylbenzene
Concen: 49.89 ug/L
RT: 9.574 min Scan# 2561
Delta R.T. -0.003 min
Lab File: VU043752.D
Acq: 14 May 2021 13:35

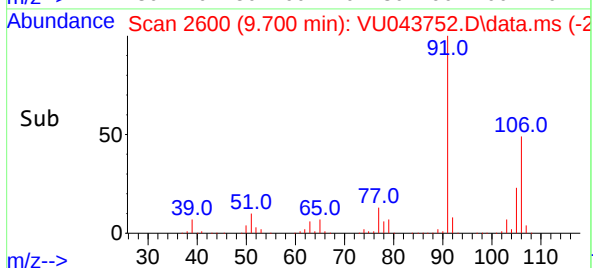
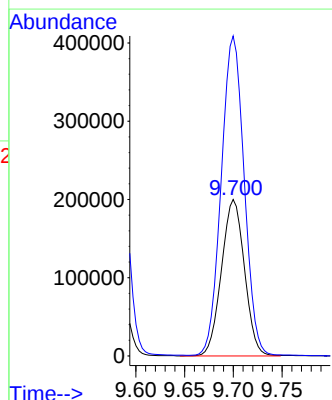
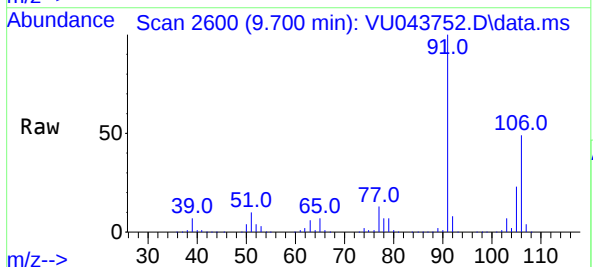
Instrument :
MSVOA_U
ClientSampleId :

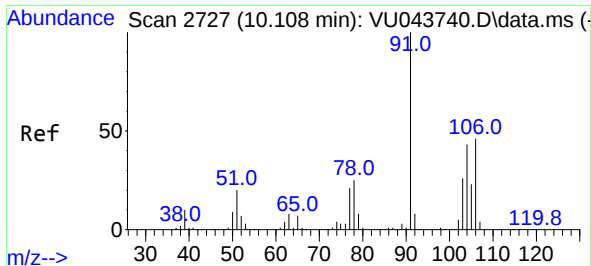
Tgt Ion: 91 Resp: 848405
Ion Ratio Lower Upper
91 100
106 30.8 21.6 40.2



#53
m,p-Xylene
Concen: 51.06 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. 0.000 min
Lab File: VU043752.D
Acq: 14 May 2021 13:35

Tgt Ion:106 Resp: 328799
Ion Ratio Lower Upper
106 100
91 204.4 142.9 265.5

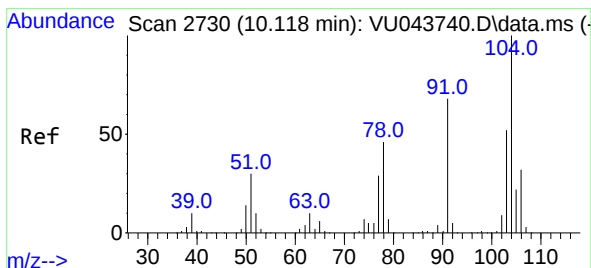
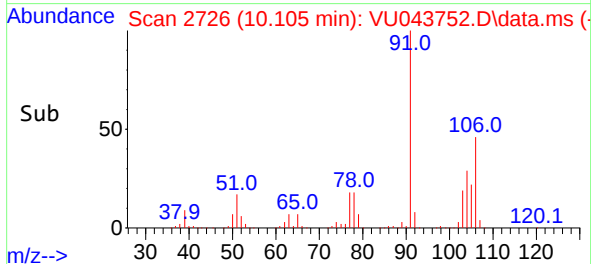
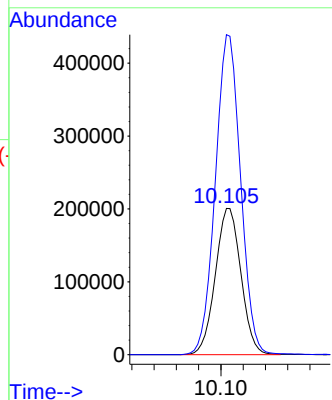
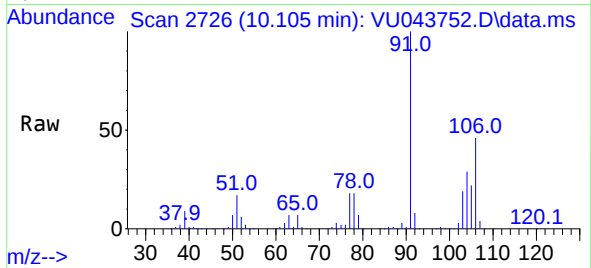




#54
o-xylene
Concen: 50.25 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. 0.000 min
Lab File: VU043752.D
Acq: 14 May 2021 13:35

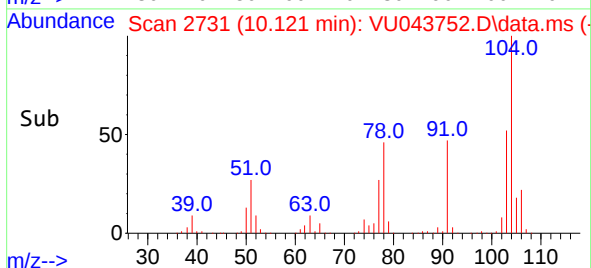
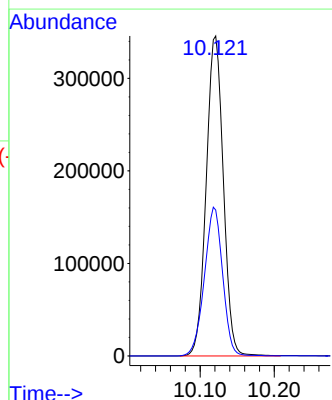
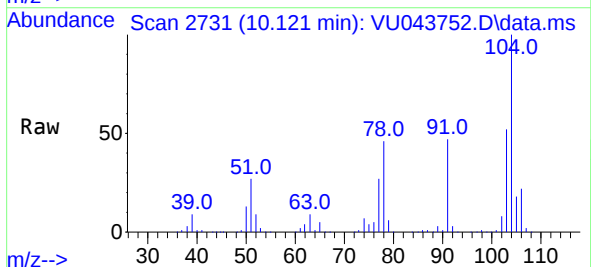
Instrument :
MSVOA_U
ClientSampleId :

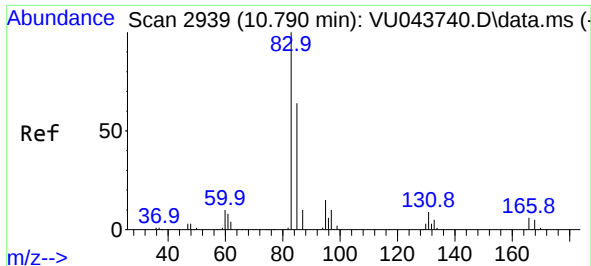
Tgt Ion:106 Resp: 320159
Ion Ratio Lower Upper
106 100
91 218.7 151.6 281.6



#55
Styrene
Concen: 51.48 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. 0.000 min
Lab File: VU043752.D
Acq: 14 May 2021 13:35

Tgt Ion:104 Resp: 553090
Ion Ratio Lower Upper
104 100
78 45.6 31.8 59.0

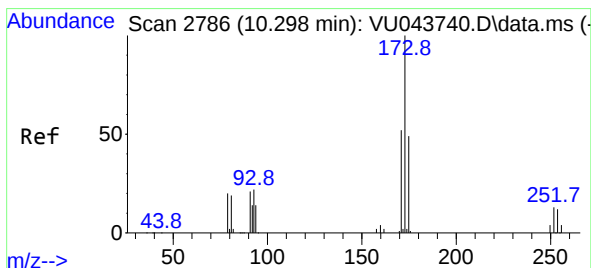
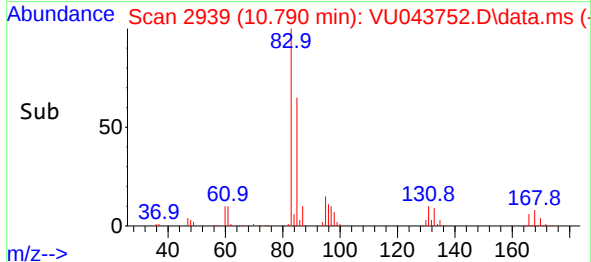
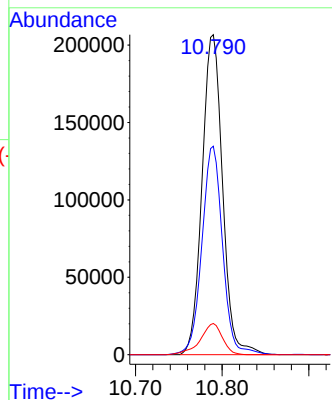
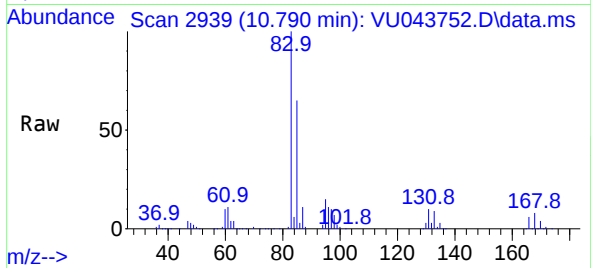




#57
1,1,2,2-Tetrachloroethane
Concen: 46.98 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. 0.000 min
Lab File: VU043752.D
Acq: 14 May 2021 13:35

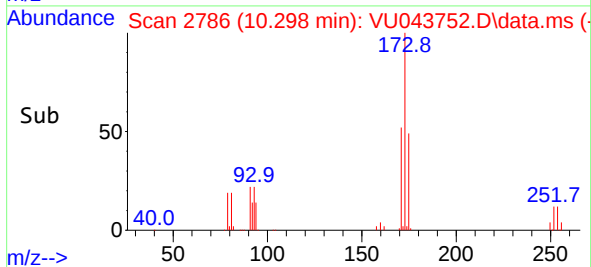
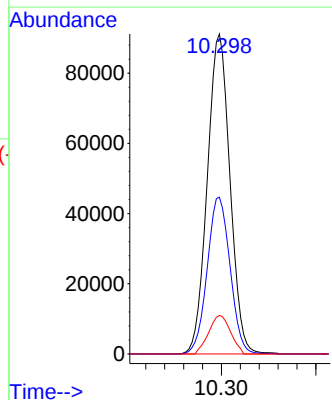
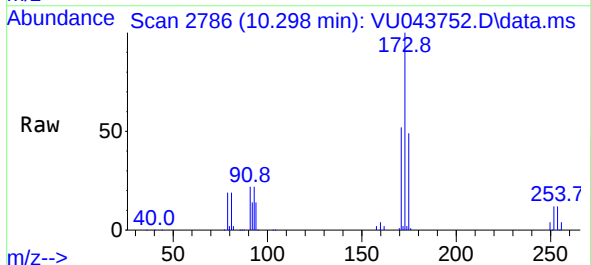
Instrument :
MSVOA_U
ClientSampleId :

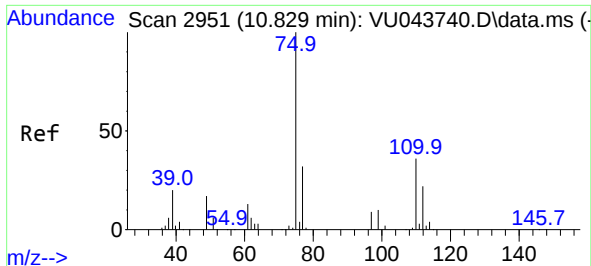
Tgt Ion: 83 Resp: 339633
Ion Ratio Lower Upper
83 100
85 65.2 44.5 82.7
131 9.7 7.4 11.2



#59
Bromoform
Concen: 45.97 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VU043752.D
Acq: 14 May 2021 13:35

Tgt Ion: 173 Resp: 151904
Ion Ratio Lower Upper
173 100
175 49.3 38.6 57.8
254 11.6 6.8 10.2#

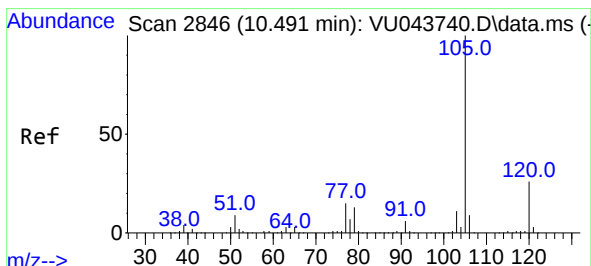
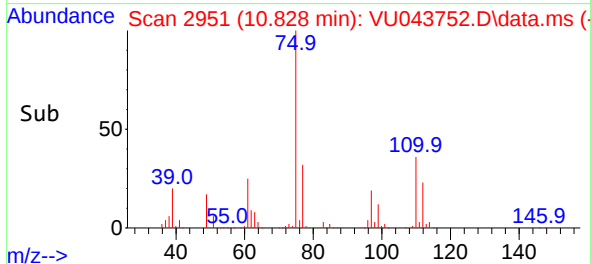
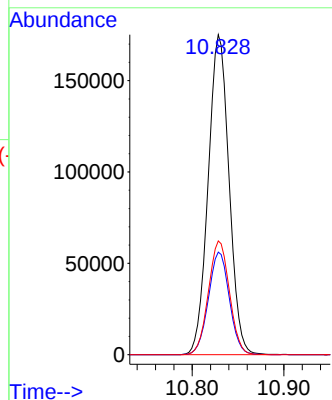
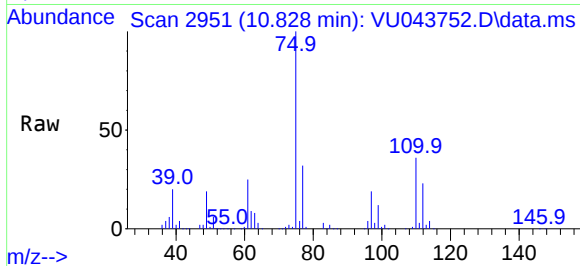




#60
1,2,3-Trichloropropane
Concen: 46.92 ug/L
RT: 10.828 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU043752.D
Acq: 14 May 2021 13:35

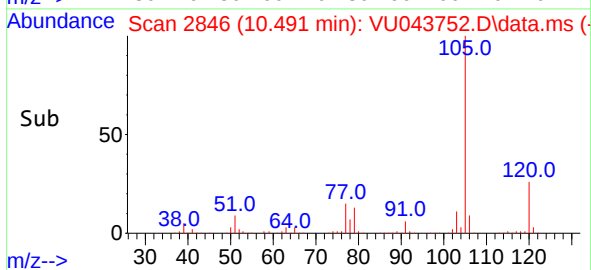
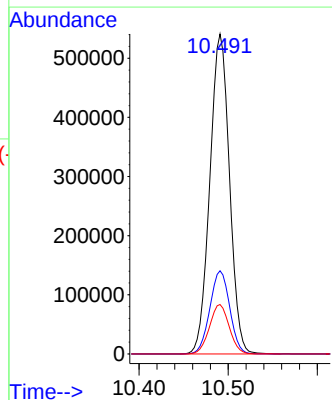
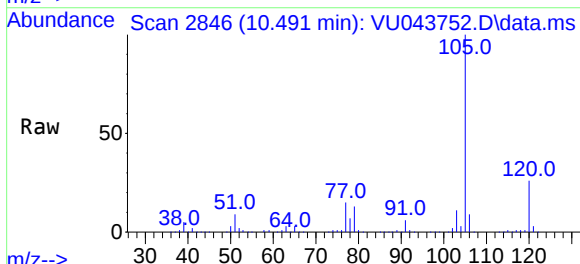
Instrument :
MSVOA_U
ClientSampleId :

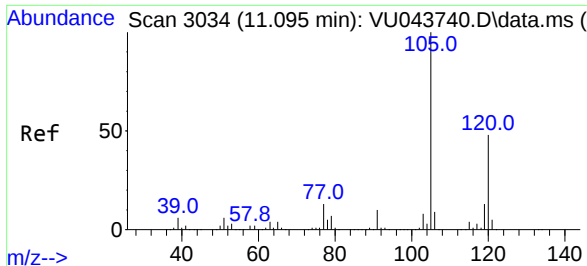
Tgt Ion: 75 Resp: 276839
Ion Ratio Lower Upper
75 100
77 32.3 25.8 38.6
110 35.8 28.9 43.3



#61
Isopropylbenzene
Concen: 50.03 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. 0.000 min
Lab File: VU043752.D
Acq: 14 May 2021 13:35

Tgt Ion: 105 Resp: 826195
Ion Ratio Lower Upper
105 100
120 26.3 21.0 31.4
77 15.6 12.5 18.7

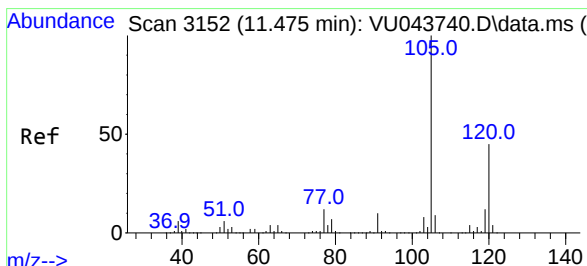
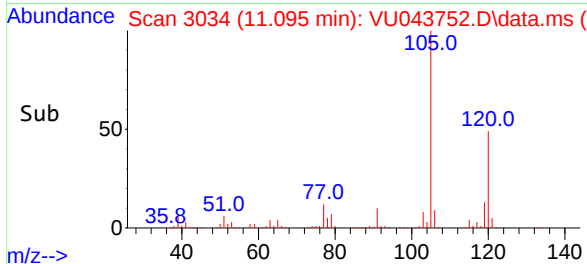
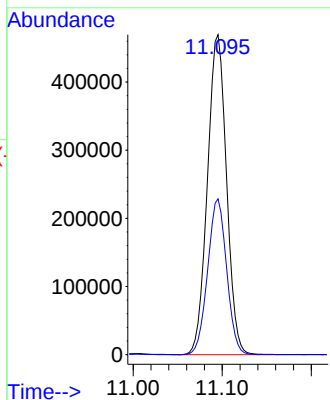
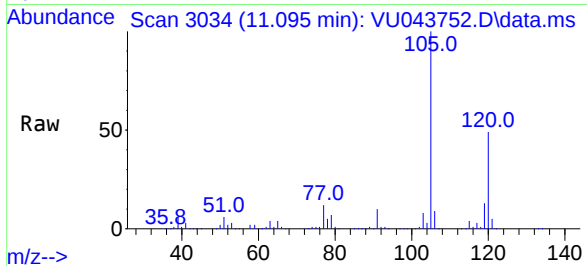




#62
1,3,5-Trimethylbenzene
Concen: 50.95 ug/L
RT: 11.095 min Scan# 3034
Delta R.T. 0.000 min
Lab File: VU043752.D
Acq: 14 May 2021 13:35

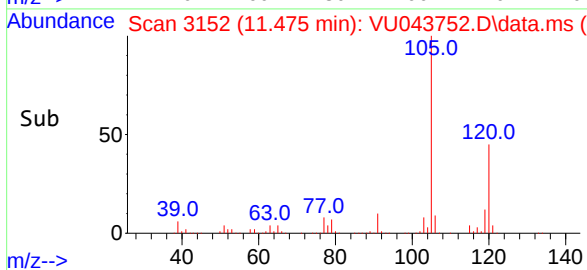
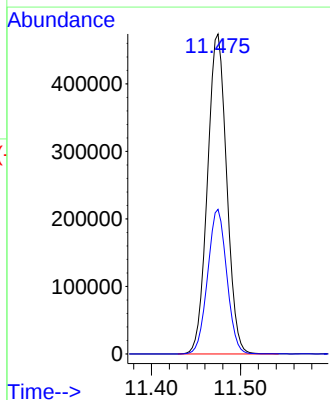
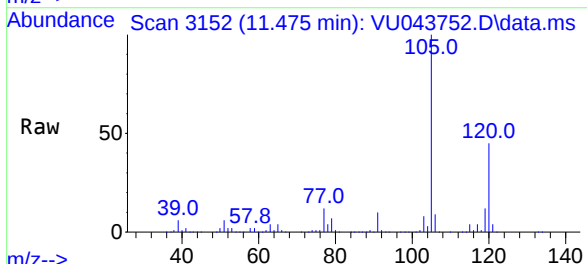
Tgt Ion:105 Resp: 698582
Ion Ratio Lower Upper
105 100
120 48.3 38.7 58.1

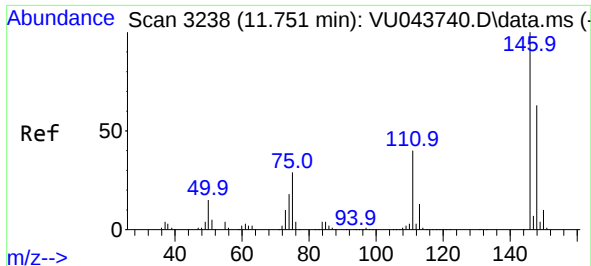
Instrument :
MSVOA_U
ClientSampleId :



#63
1,2,4-Trimethylbenzene
Concen: 51.49 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VU043752.D
Acq: 14 May 2021 13:35

Tgt Ion:105 Resp: 709014
Ion Ratio Lower Upper
105 100
120 45.0 36.2 54.2

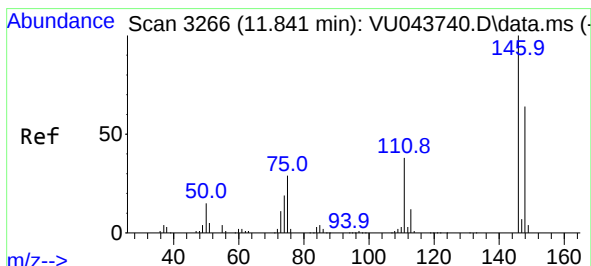
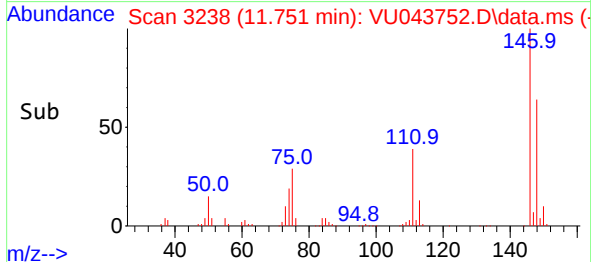
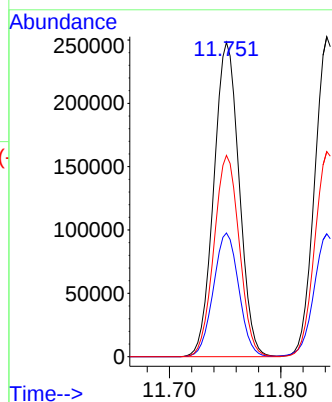
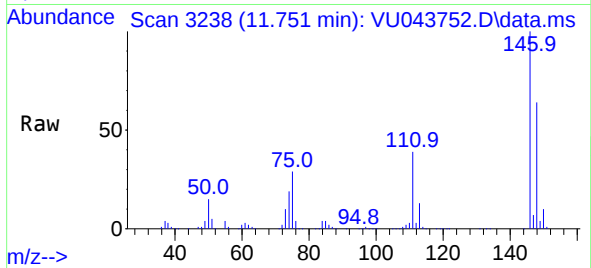




#64
1,3-Dichlorobenzene
Concen: 48.79 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. 0.000 min
Lab File: VU043752.D
Acq: 14 May 2021 13:35

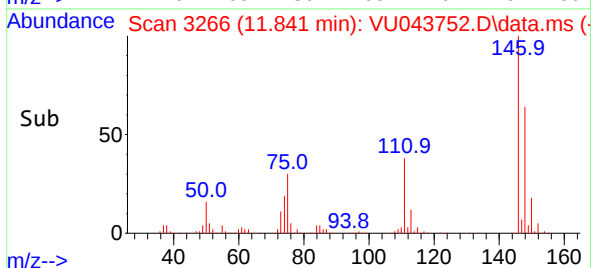
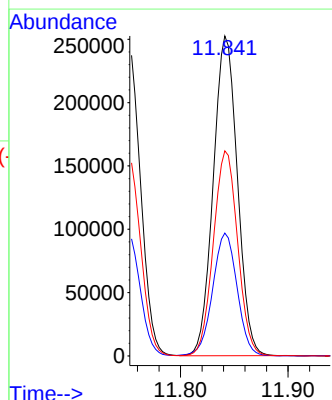
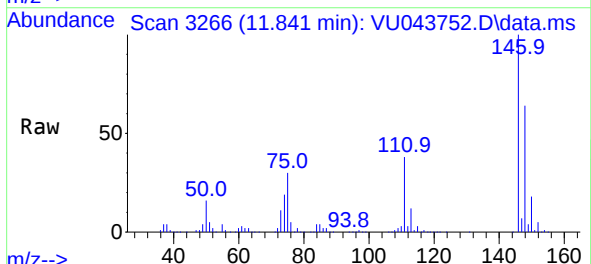
Instrument :
MSVOA_U
ClientSampled :

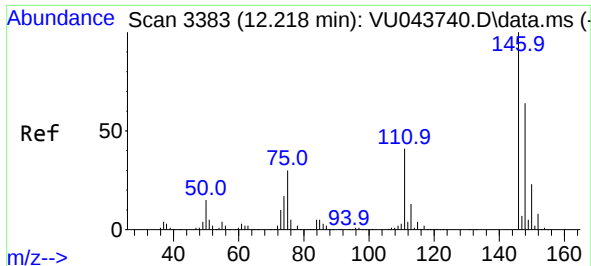
Tgt Ion:146 Resp: 391817
Ion Ratio Lower Upper
146 100
111 39.4 27.8 51.6
148 64.0 44.9 83.3



#65
1,4-Dichlorobenzene
Concen: 48.05 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. 0.000 min
Lab File: VU043752.D
Acq: 14 May 2021 13:35

Tgt Ion:146 Resp: 393633
Ion Ratio Lower Upper
146 100
111 38.4 27.1 50.3
148 64.1 45.4 84.4

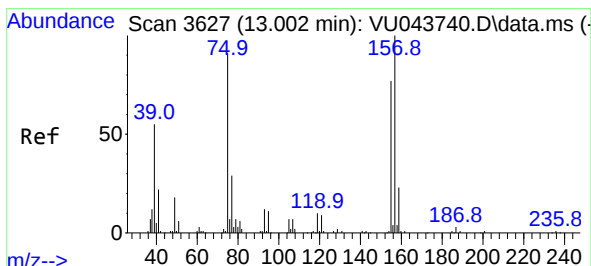
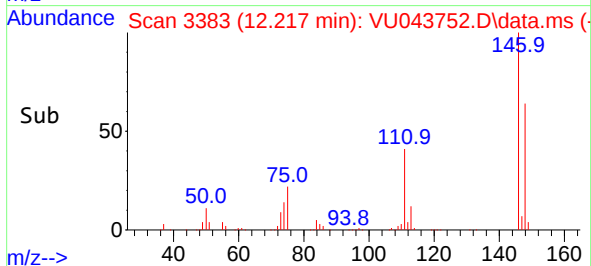
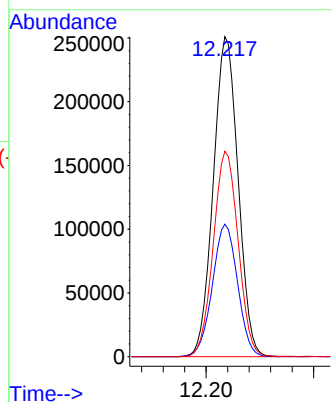
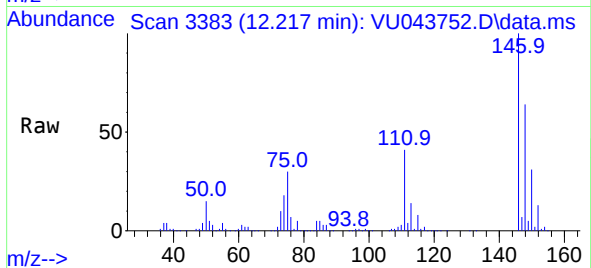




#67
1,2-Dichlorobenzene
Concen: 47.98 ug/L
RT: 12.217 min Scan# 3383
Delta R.T. 0.000 min
Lab File: VU043752.D
Acq: 14 May 2021 13:35

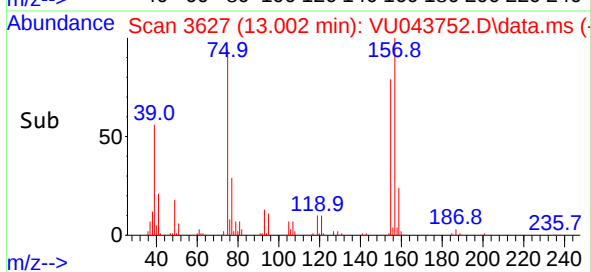
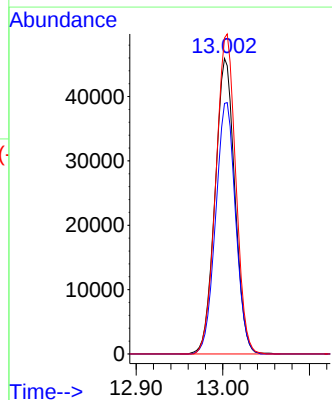
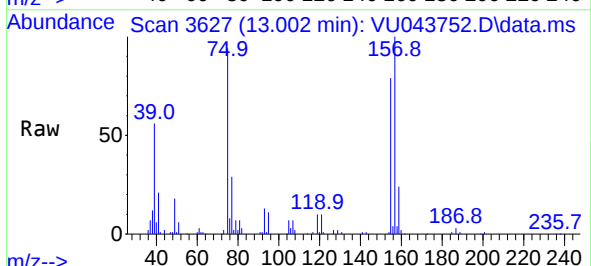
Instrument :
MSVOA_U
ClientSampleId :

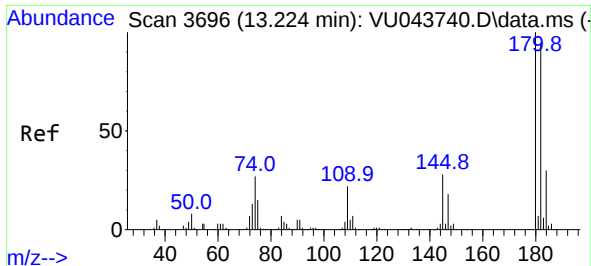
Tgt Ion:146 Resp: 401287
Ion Ratio Lower Upper
146 100
111 41.4 33.5 50.3
148 64.2 51.7 77.5



#68
1,2-Dibromo-3-chloropropane
Concen: 45.25 ug/L
RT: 13.002 min Scan# 3627
Delta R.T. 0.000 min
Lab File: VU043752.D
Acq: 14 May 2021 13:35

Tgt Ion: 75 Resp: 73099
Ion Ratio Lower Upper
75 100
155 84.8 72.5 108.7
157 106.9 92.3 138.5



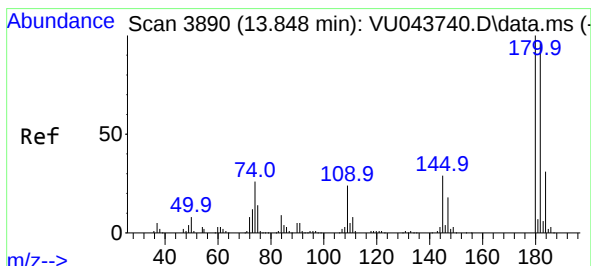
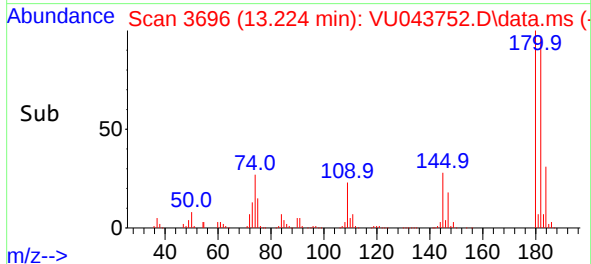
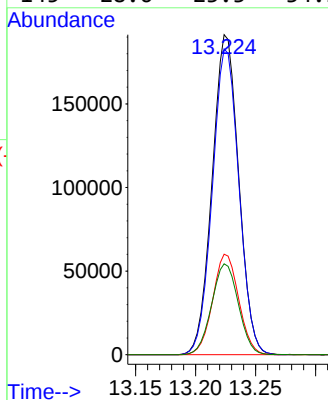
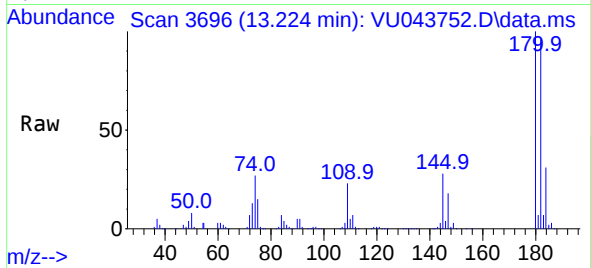


#69
1,3,5-Trichlorobenzene
Concen: 49.44 ug/L
RT: 13.224 min Scan# 3696
Delta R.T. 0.000 min
Lab File: VU043752.D
Acq: 14 May 2021 13:35

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion:180 Resp: 294257

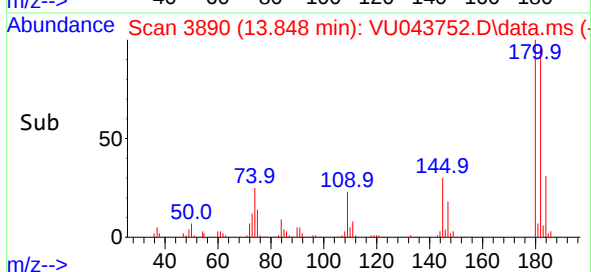
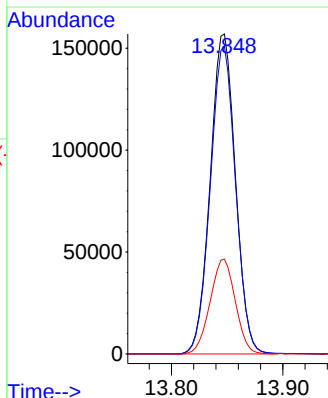
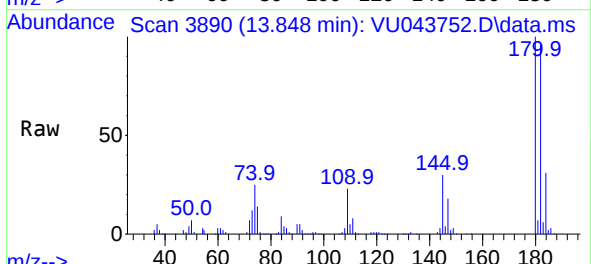
Ion	Ratio	Lower	Upper
180	100		
182	95.5	76.4	114.6
184	30.8	25.0	37.4
145	28.6	23.3	34.9

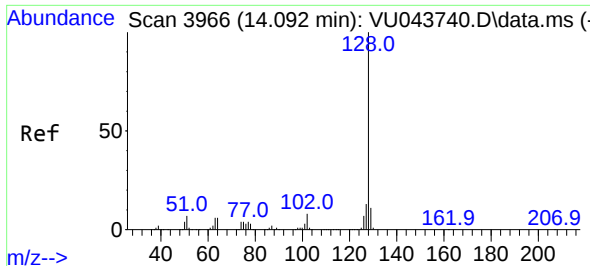


#70
1,2,4-trichlorobenzene
Concen: 48.64 ug/L
RT: 13.848 min Scan# 3890
Delta R.T. 0.000 min
Lab File: VU043752.D
Acq: 14 May 2021 13:35

Tgt Ion:180 Resp: 247287

Ion	Ratio	Lower	Upper
180	100		
182	96.1	75.9	113.9
145	29.6	23.4	35.0

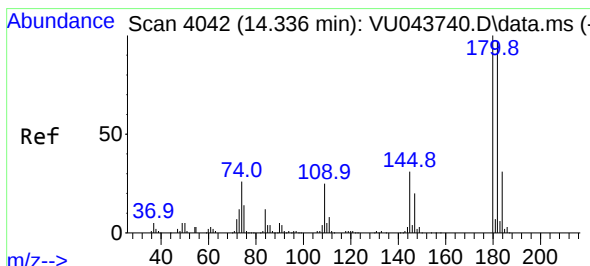
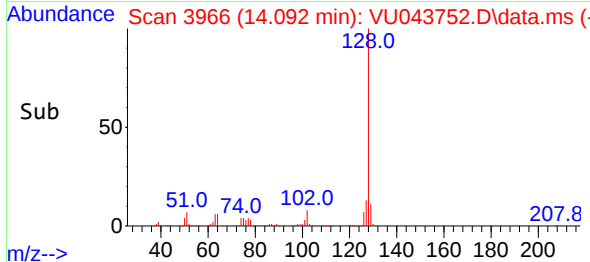
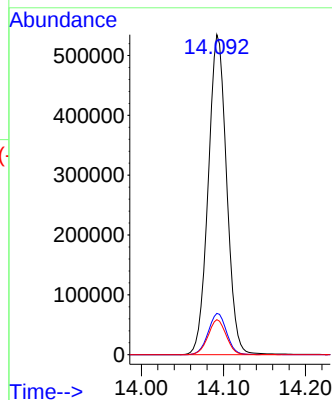
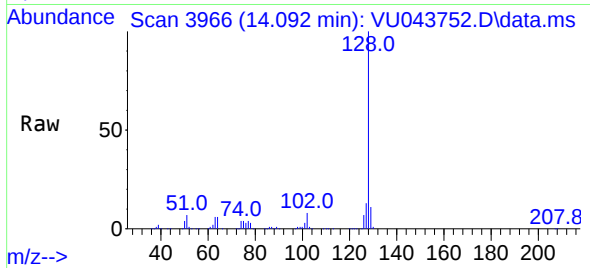




#71
Naphthalene
Concen: 49.10 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VU043752.D
Acq: 14 May 2021 13:35

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 832950
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.8 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 48.97 ug/L
RT: 14.336 min Scan# 4042
Delta R.T. 0.000 min
Lab File: VU043752.D
Acq: 14 May 2021 13:35

Tgt Ion:180 Resp: 262142
Ion Ratio Lower Upper
180 100
182 96.4 76.9 115.3
145 31.5 24.9 37.3

