

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041521\
 Data File : VU043110.D
 Acq On : 15 Apr 2021 09:35
 Operator : SY/MD
 Sample : VSTD0.531
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 16 04:05:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 16 04:00:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	115897	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.426	117	112854	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.822	152	59324	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	2565	0.35	ug/L	0.00
7) Chloroethane-d5	1.919	69	2088	0.36	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.571	65	1350	0.34	ug/L	0.00
20) 2-Butanone-d5	4.658	46	6832	2.63	ug/L	0.02
24) Chloroform-d	5.073	84	6131	0.40	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.713	65	5359	0.57	ug/L	0.00
32) Benzene-d6	5.739	84	10784	0.39	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.703	67	3516	0.40	ug/L	0.00
41) Toluene-d8	7.906	98	13293	0.49	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.192	79	1453	0.35	ug/L	0.00
46) 2-Hexanone-d5	8.652	63	7213	3.62	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.764	84	3082	0.39	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.201	152	4271	0.40	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	3155	0.31	ug/L #	87
3) Chloromethane	1.523	50	3717	0.38	ug/L	83
5) Vinyl chloride	1.607	62	3637	0.37	ug/L #	51
6) Bromomethane	1.861	94	2067	0.38	ug/L	95
8) Chloroethane	1.935	64	3137	0.52	ug/L #	76
9) Trichlorofluoromethane	2.144	101	6822	0.42	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	3787	0.44	ug/L	96
12) 1,1-Dichloroethene	2.587	96	2841	0.36	ug/L	79
13) Acetone	2.649	43	6570	3.21	ug/L	82
14) Carbon disulfide	2.800	76	7580	0.31	ug/L #	94
15) Methyl Acetate	2.964	43	1737	0.37	ug/L	91
16) Methylene chloride	3.054	84	4863	0.51	ug/L	91
17) Methyl tert-butyl Ether	3.372	73	9584	0.42	ug/L #	92
18) trans-1,2-Dichloroethene	3.359	96	3143	0.38	ug/L	95
19) 1,1-Dichloroethane	3.877	63	7112	0.44	ug/L	98
21) 2-Butanone	4.729	43	10386	3.05	ug/L #	60
22) cis-1,2-Dichloroethene	4.677	96	3705	0.41	ug/L	89
23) Bromochloromethane	4.983	128	1623	0.38	ug/L #	71
25) Chloroform	5.099	83	7555	0.44	ug/L	98
27) 1,2-Dichloroethane	5.806	62	5492	0.43	ug/L	99
29) 1,1,1-Trichloroethane	5.327	97	6562	0.42	ug/L	95
30) Cyclohexane	5.398	56	5338	0.35	ug/L	89
31) Carbon tetrachloride	5.533	117	5346	0.40	ug/L	100
33) Benzene	5.784	78	13238	0.38	ug/L	100
34) Trichloroethene	6.549	95	4063	0.43	ug/L	81
35) Methylcyclohexane	6.771	83	5164	0.36	ug/L	95
37) 1,2-Dichloropropane	6.800	63	3832	0.41	ug/L #	88
38) Bromodichloromethane	7.115	83	5277	0.43	ug/L	95
39) cis-1,3-Dichloropropene	7.616	75	5531	0.40	ug/L	94
40) 4-Methyl-2-pentanone	7.806	43	32919	3.98	ug/L #	83
42) Toluene	7.976	91	15018	0.40	ug/L	99
44) trans-1,3-Dichloropropene	8.221	75	4945	0.39	ug/L	98

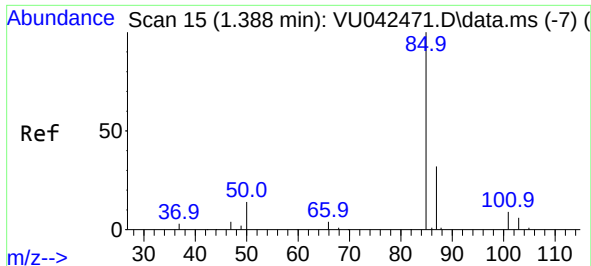
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041521\
 Data File : VU043110.D
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 16 04:00:32 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.407	97	2753	0.40	ug/L	94
47) Tetrachloroethene	8.558	164	2990	0.39	ug/L	94
48) 2-Hexanone	8.697	43	23404	3.85	ug/L #	81
49) Dibromochloromethane	8.819	129	3423	0.39	ug/L	86
50) 1,2-Dibromoethane	8.931	107	2950	0.43	ug/L #	88
51) Chlorobenzene	9.455	112	9583	0.40	ug/L #	88
52) Ethylbenzene	9.578	91	17231	0.40	ug/L	94
53) m,p-Xylene	9.703	106	6262	0.40	ug/L	97
54) o-Xylene	10.108	106	6260	0.41	ug/L	98
55) Styrene	10.121	104	9849	0.38	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.793	83	3570	0.38	ug/L	97
59) Bromoform	10.298	173	1981	0.38	ug/L #	86
60) Isopropylbenzene	10.491	105	16835	0.41	ug/L	96
61) 1,2,3-Trichloropropane	10.832	75	2814	0.41	ug/L	97
62) 1,3,5-Trimethylbenzene	11.095	105	12539	0.36	ug/L	95
63) 1,2,4-Trimethylbenzene	11.478	105	13227	0.37	ug/L	97
64) 1,3-Dichlorobenzene	11.754	146	8182	0.41	ug/L	91
65) 1,4-Dichlorobenzene	11.844	146	8457	0.42	ug/L	97
67) 1,2-Dichlorobenzene	12.224	146	7864	0.41	ug/L	97
68) 1,2-Dibromo-3-chloropr...	13.008	75	611	0.37	ug/L #	83
69) 1,3,5-Trichlorobenzene	13.230	180	6713	0.39	ug/L	98
70) 1,2,4-trichlorobenzene	13.851	180	5224	0.37	ug/L	99
71) Naphthalene	14.098	128	7359	0.32	ug/L	98
72) 1,2,3-Trichlorobenzene	14.339	180	4826	0.37	ug/L	97

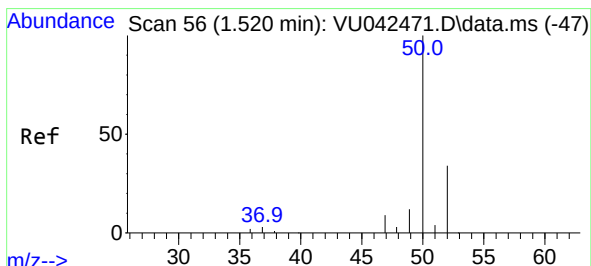
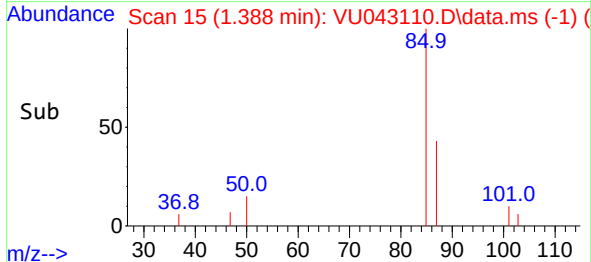
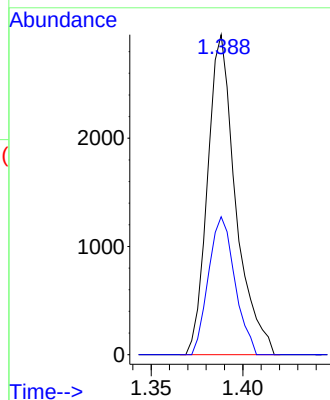
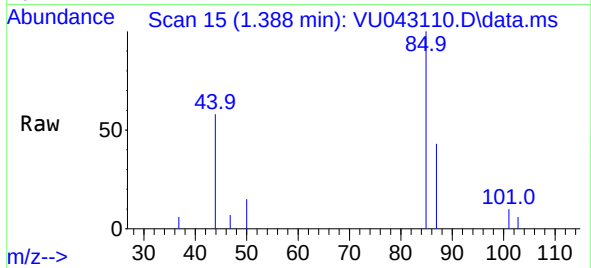
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 0.31 ug/L
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU043110.D
Acq: 15 Apr 2021 09:35

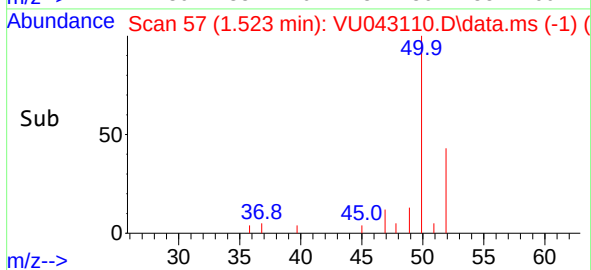
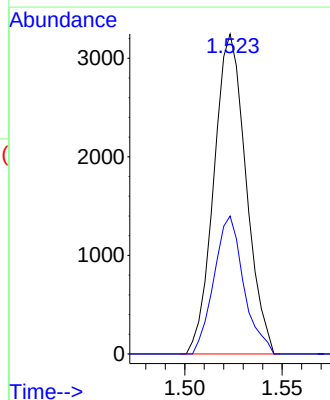
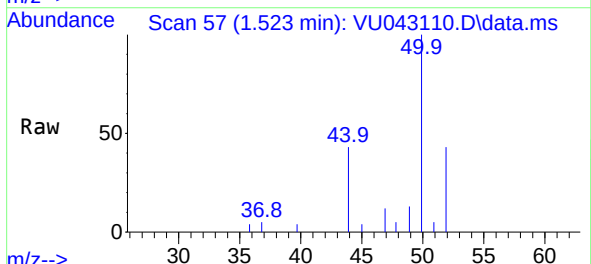
Tgt Ion: 85 Resp: 3155
Ion Ratio Lower Upper
85 100
87 40.3 26.3 39.5#

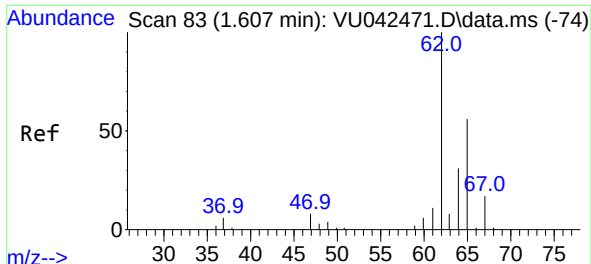
Instrument :
MSVOA_U
ClientSampled :



#3
Chloromethane
Concen: 0.38 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU043110.D
Acq: 15 Apr 2021 09:35

Tgt Ion: 50 Resp: 3717
Ion Ratio Lower Upper
50 100
52 43.1 23.6 43.8

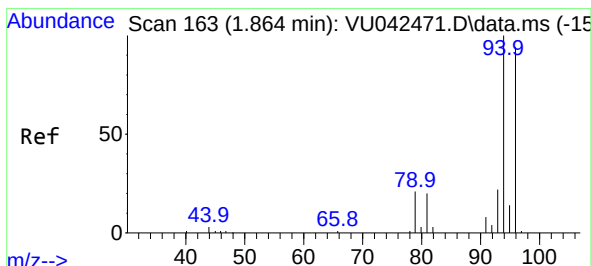
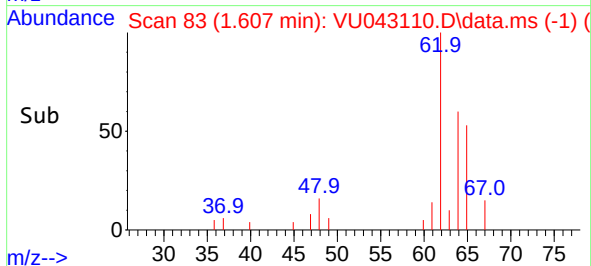
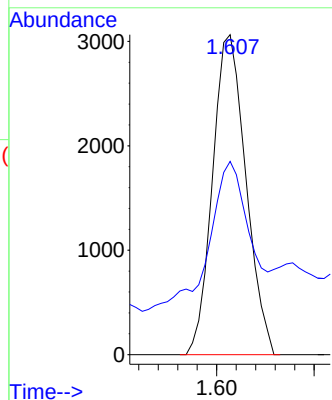
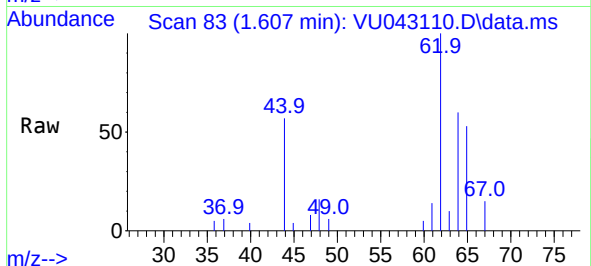




#5
 Vinyl chloride
 Concen: 0.37 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.003 min
 Lab File: VU043110.D
 Acq: 15 Apr 2021 09:35

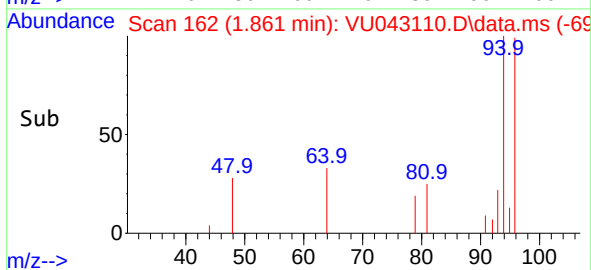
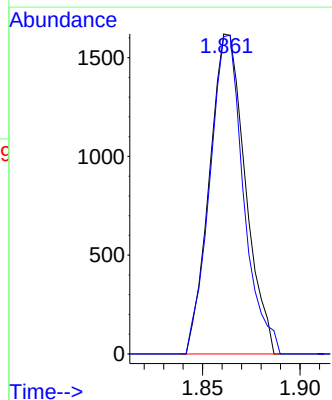
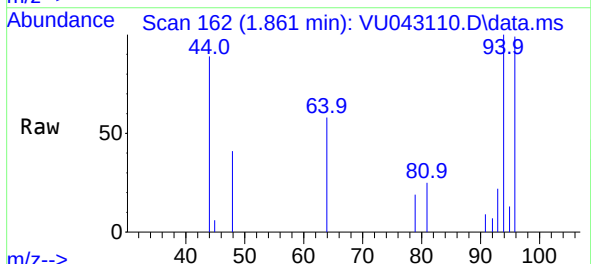
Instrument :
 MSVOA_U
 ClientSampleId :

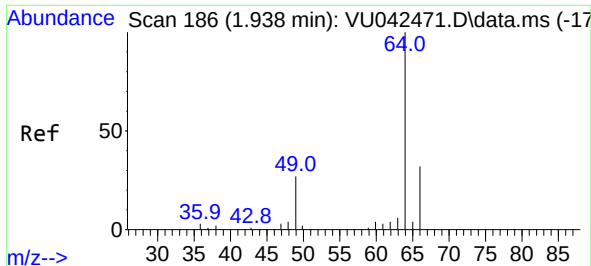
Tgt Ion: 62 Resp: 3637
 Ion Ratio Lower Upper
 62 100
 64 60.4 22.8 42.4#



#6
 Bromomethane
 Concen: 0.38 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. -0.000 min
 Lab File: VU043110.D
 Acq: 15 Apr 2021 09:35

Tgt Ion: 94 Resp: 2067
 Ion Ratio Lower Upper
 94 100
 96 99.1 66.1 122.7

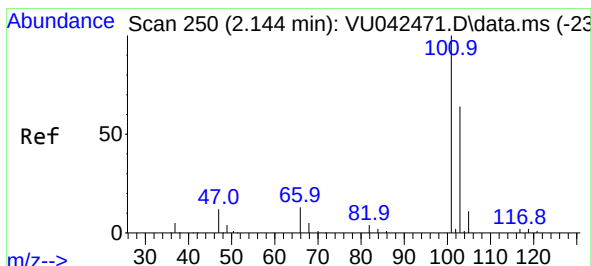
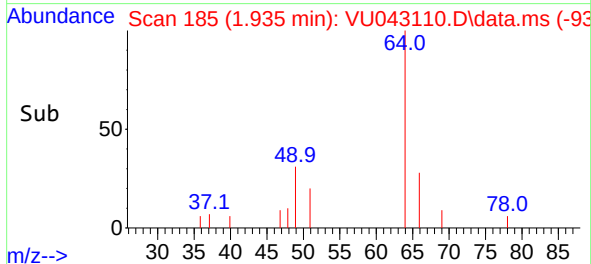
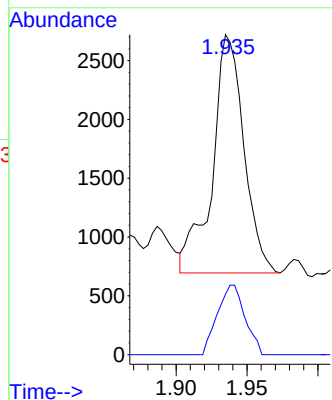
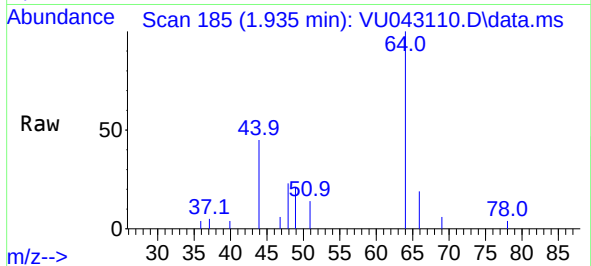




#8
Chloroethane
Concen: 0.52 ug/L
RT: 1.935 min Scan# 185
Delta R.T. -0.003 min
Lab File: VU043110.D
Acq: 15 Apr 2021 09:35

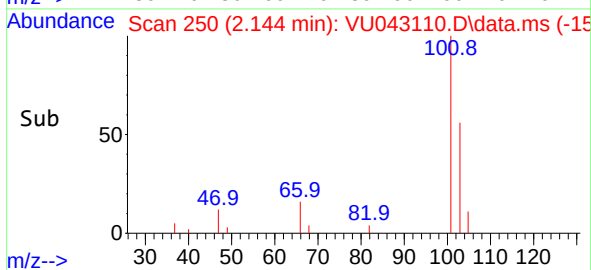
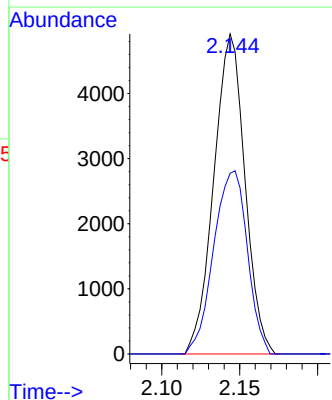
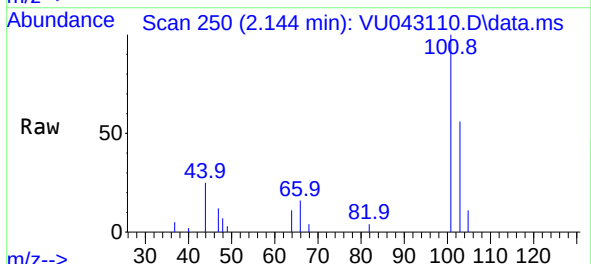
Instrument :
MSVOA_U
ClientSampleId :

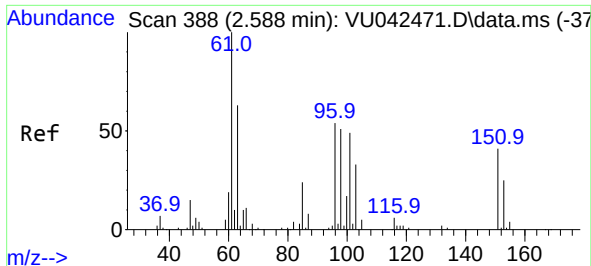
Tgt Ion: 64 Resp: 3137
Ion Ratio Lower Upper
64 100
66 18.9 22.4 41.6#



#9
Trichlorofluoromethane
Concen: 0.42 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.003 min
Lab File: VU043110.D
Acq: 15 Apr 2021 09:35

Tgt Ion:101 Resp: 6822
Ion Ratio Lower Upper
101 100
103 61.9 51.5 77.3

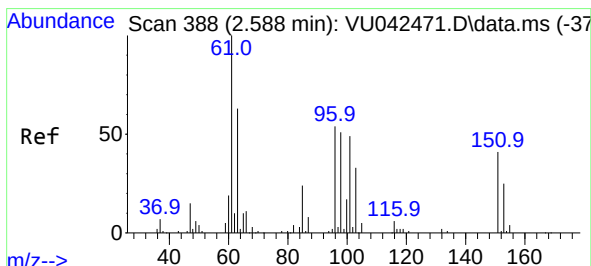
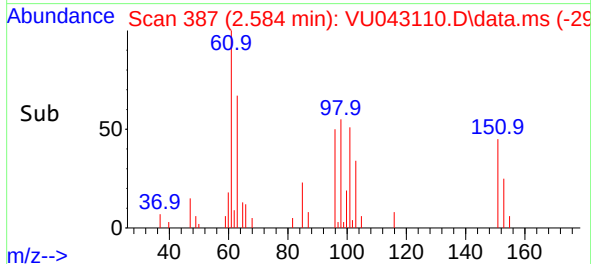
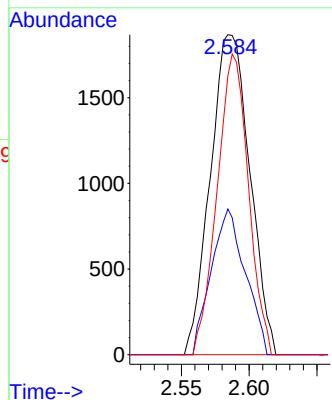
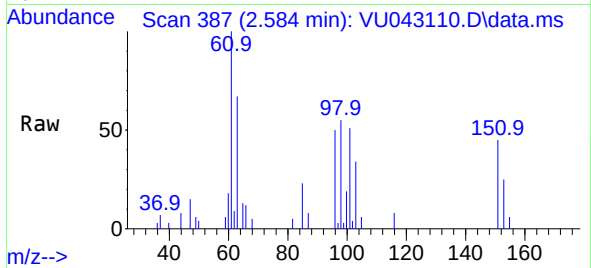




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.44 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.000 min
Lab File: VU043110.D
Acq: 15 Apr 2021 09:35

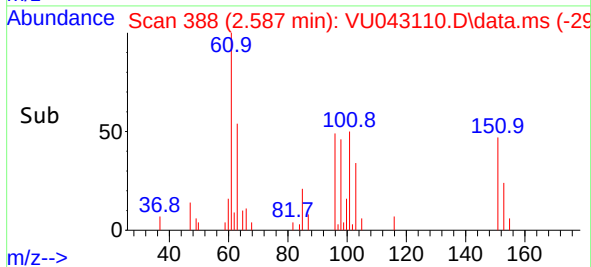
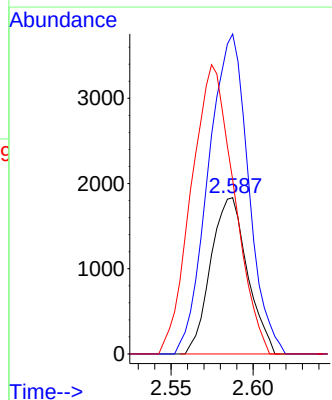
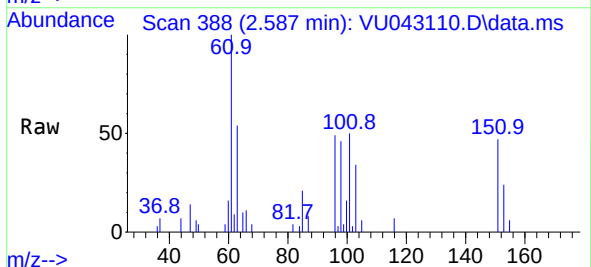
Instrument :
MSVOA_U
ClientSampled :

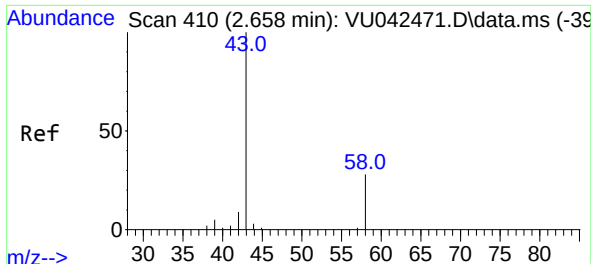
Tgt Ion:101 Resp: 3787
Ion Ratio Lower Upper
101 100
85 39.4 34.5 51.7
151 74.5 57.4 86.2



#12
1,1-Dichloroethene
Concen: 0.36 ug/L
RT: 2.587 min Scan# 388
Delta R.T. 0.003 min
Lab File: VU043110.D
Acq: 15 Apr 2021 09:35

Tgt Ion: 96 Resp: 2841
Ion Ratio Lower Upper
96 100
61 204.6 115.1 213.7
63 111.3 84.1 156.1





#13

Acetone

Concen: 3.21 ug/L

RT: 2.649 min Scan# 407

Delta R.T. -0.000 min

Lab File: VU043110.D

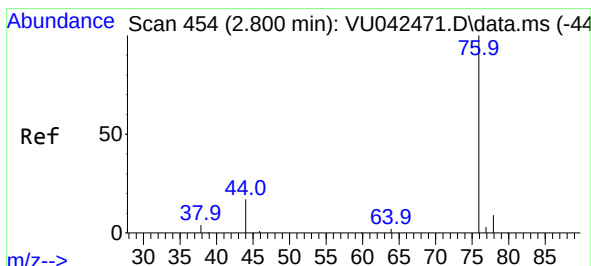
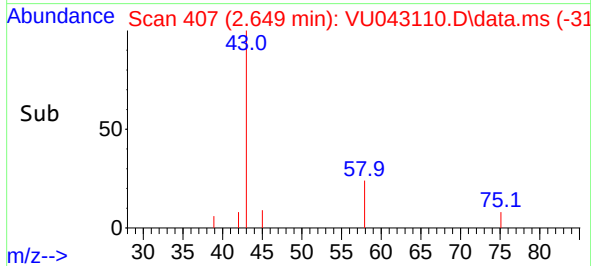
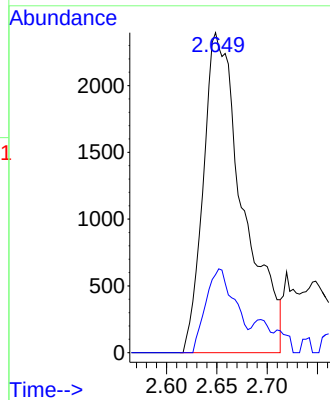
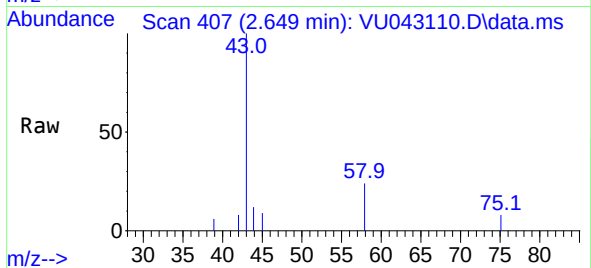
Acq: 15 Apr 2021 09:35

Tgt Ion: 43 Resp: 6570

Ion Ratio Lower Upper

43 100

58 19.4 0.0 25.0



#14

Carbon disulfide

Concen: 0.31 ug/L

RT: 2.800 min Scan# 454

Delta R.T. 0.003 min

Lab File: VU043110.D

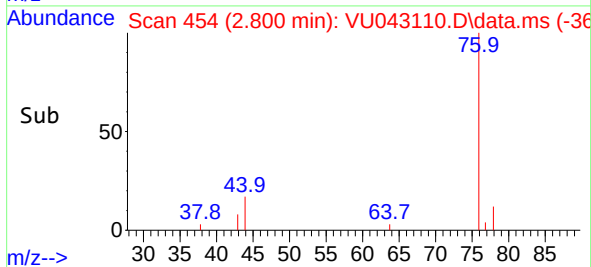
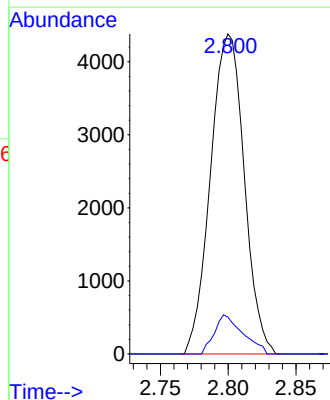
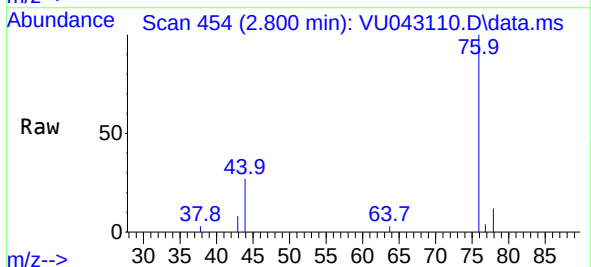
Acq: 15 Apr 2021 09:35

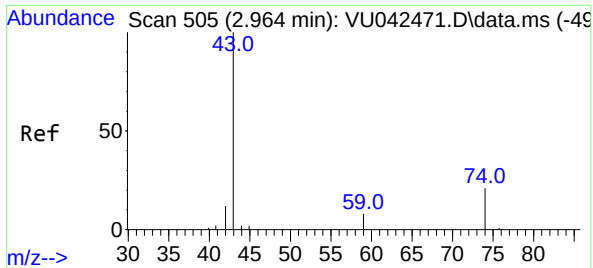
Tgt Ion: 76 Resp: 7580

Ion Ratio Lower Upper

76 100

78 11.5 7.5 11.3#

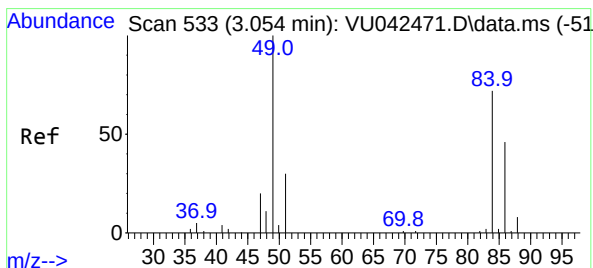
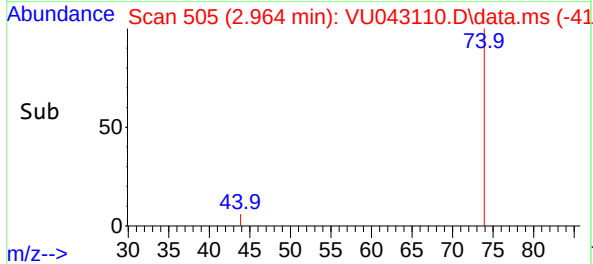
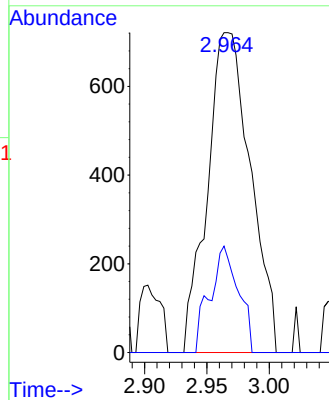
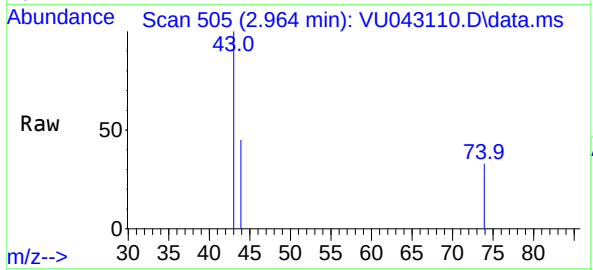




#15
Methyl Acetate
Concen: 0.37 ug/L
RT: 2.964 min Scan# 505
Delta R.T. -0.000 min
Lab File: VU043110.D
Acq: 15 Apr 2021 09:35

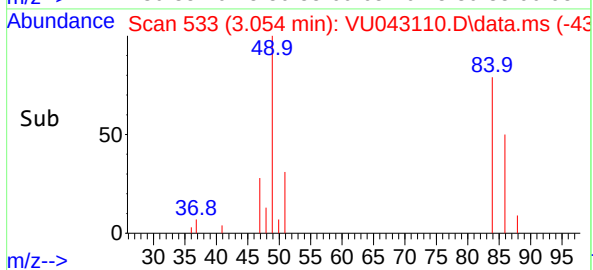
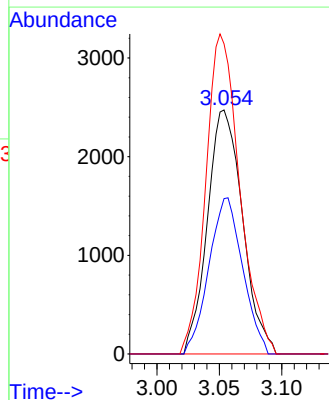
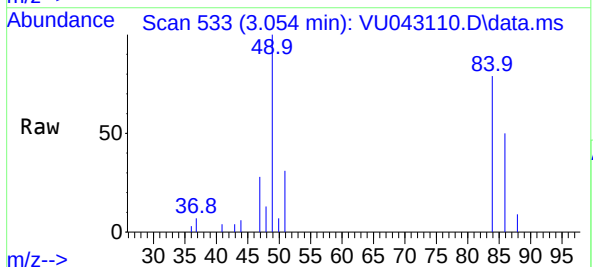
Instrument :
MSVOA_U
ClientSampleId :

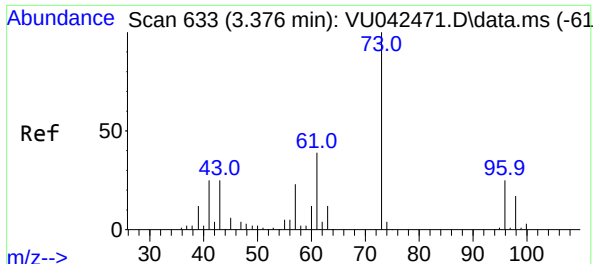
Tgt Ion: 43 Resp: 1737
Ion Ratio Lower Upper
43 100
74 22.0 21.5 32.3



#16
Methylene chloride
Concen: 0.51 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.003 min
Lab File: VU043110.D
Acq: 15 Apr 2021 09:35

Tgt Ion: 84 Resp: 4863
Ion Ratio Lower Upper
84 100
86 63.7 44.9 83.5
49 127.1 79.0 146.8

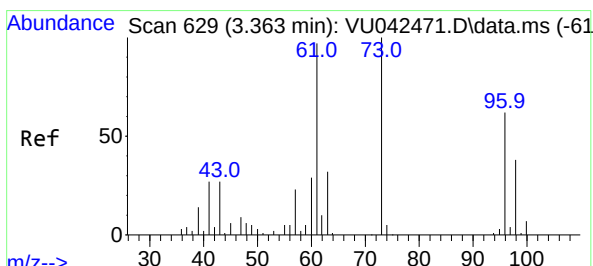
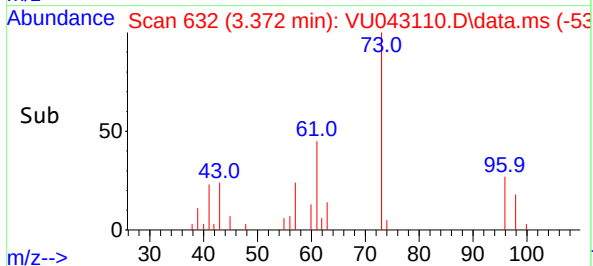
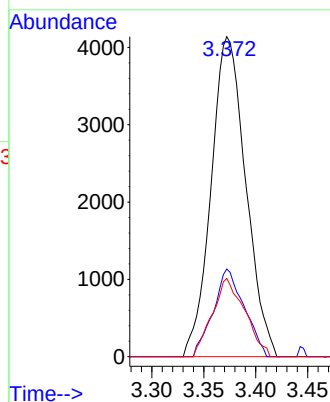
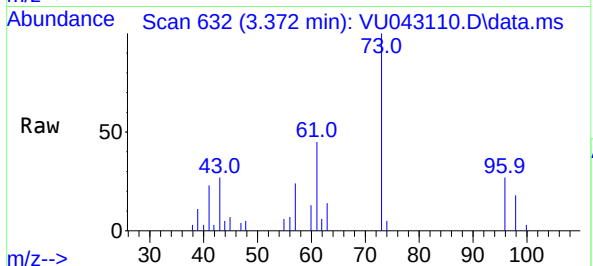




#17
Methyl tert-butyl Ether
Concen: 0.42 ug/L
RT: 3.372 min Scan# 632
Delta R.T. -0.000 min
Lab File: VU043110.D
Acq: 15 Apr 2021 09:35

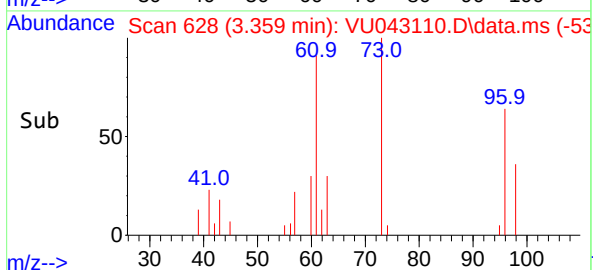
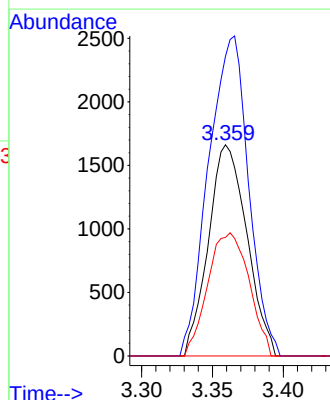
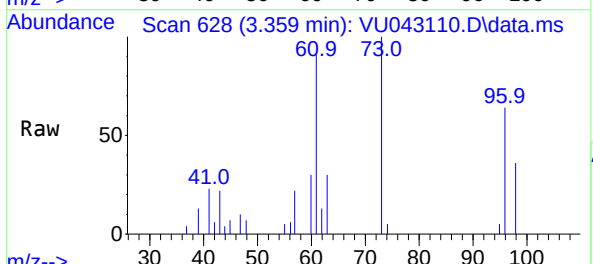
Instrument :
MSVOA_U
ClientSampleId :

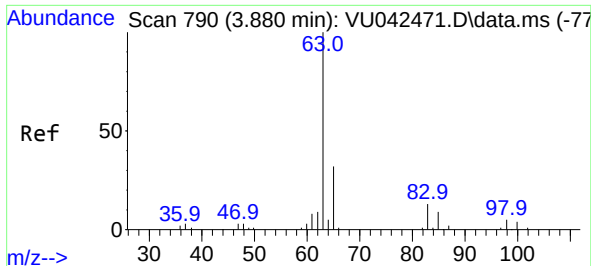
Tgt Ion: 73	Resp: 9584
Ion Ratio	Lower Upper
73 100	
43 24.6	15.0 22.4#
57 23.0	17.3 25.9



#18
trans-1,2-Dichloroethene
Concen: 0.38 ug/L
RT: 3.359 min Scan# 628
Delta R.T. -0.000 min
Lab File: VU043110.D
Acq: 15 Apr 2021 09:35

Tgt Ion: 96	Resp: 3143
Ion Ratio	Lower Upper
96 100	
61 141.9	96.6 179.4
98 56.1	44.7 82.9



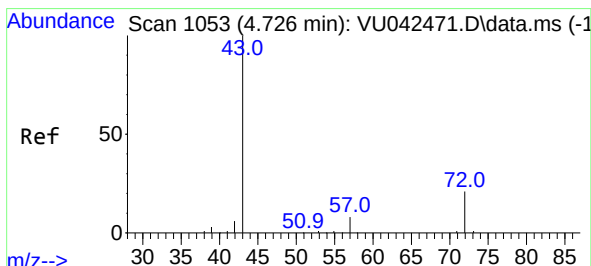
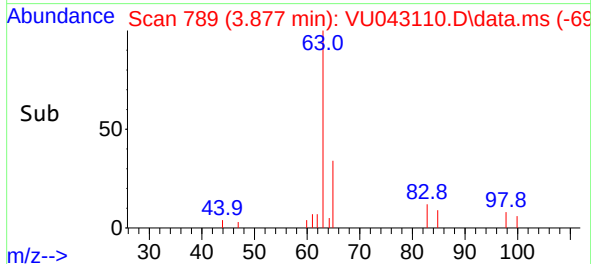
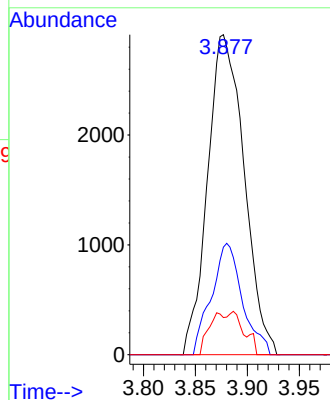
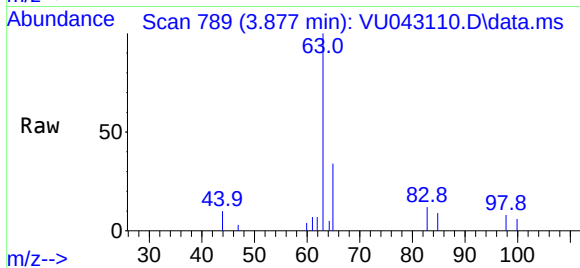


#19

1,1-Dichloroethane
Concen: 0.44 ug/L
RT: 3.877 min Scan# 789
Delta R.T. -0.003 min
Lab File: VU043110.D
Acq: 15 Apr 2021 09:35

Instrument :
MSVOA_U
ClientSampleId :

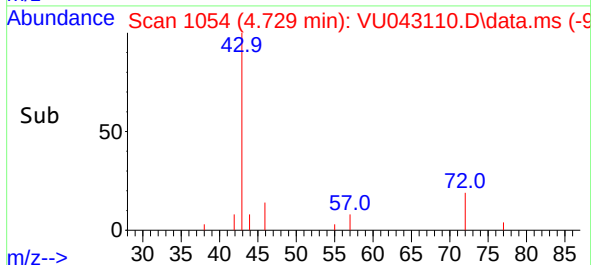
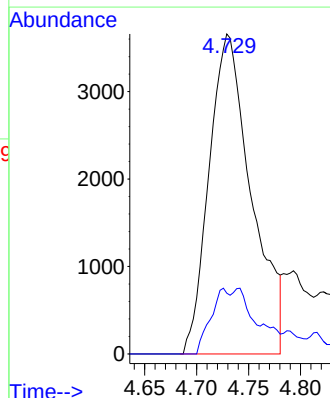
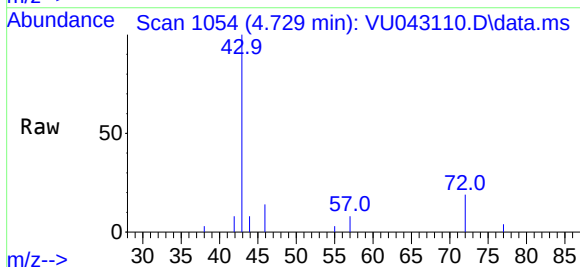
Tgt Ion: 63	Resp: 7112
Ion Ratio	Lower Upper
63 100	
65 33.6	23.2 43.0
83 11.6	9.9 18.3

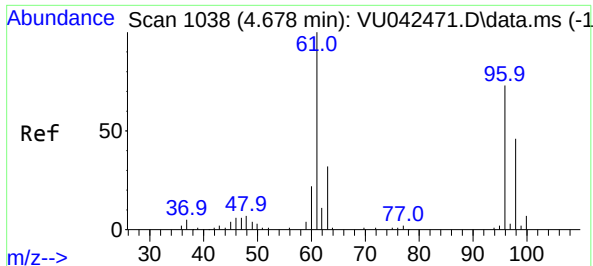


#21

2-Butanone
Concen: 3.05 ug/L
RT: 4.729 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VU043110.D
Acq: 15 Apr 2021 09:35

Tgt Ion: 43	Resp: 10386
Ion Ratio	Lower Upper
43 100	
72 9.3	15.8 47.3#





#22

cis-1,2-Dichloroethene

Concen: 0.41 ug/L

RT: 4.677 min Scan# 1038

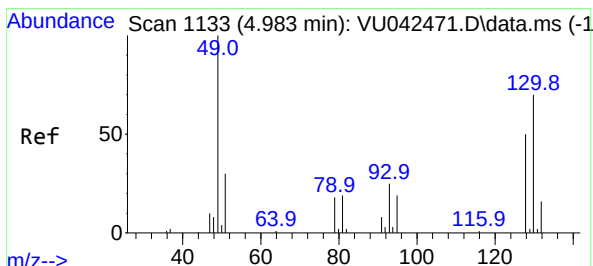
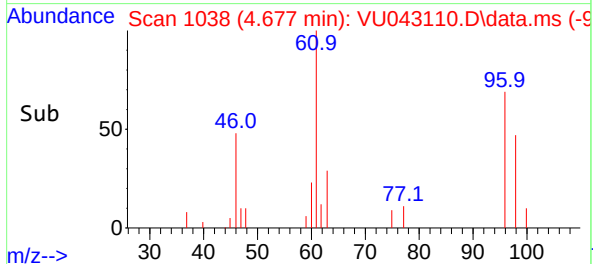
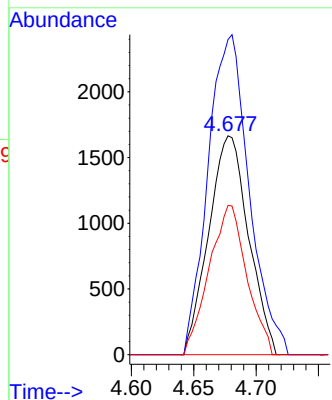
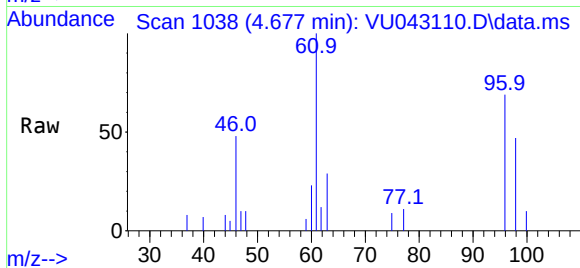
Delta R.T. 0.003 min

Lab File: VU043110.D

Acq: 15 Apr 2021 09:35

Tgt Ion: 96 Resp: 3705

Ion	Ratio	Lower	Upper
96	100		
61	144.1	87.4	162.4
98	68.2	47.7	88.5



#23

Bromochloromethane

Concen: 0.38 ug/L

RT: 4.983 min Scan# 1133

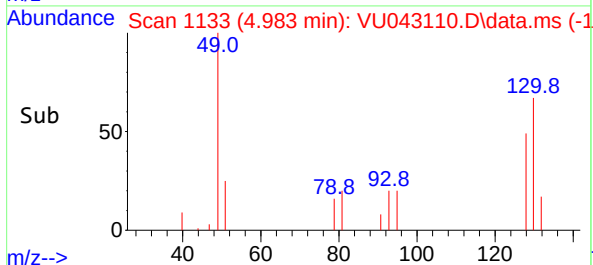
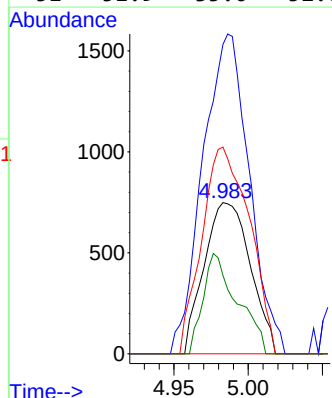
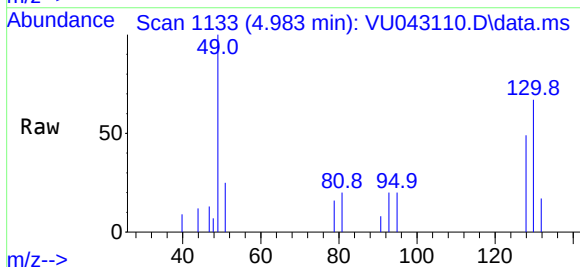
Delta R.T. -0.003 min

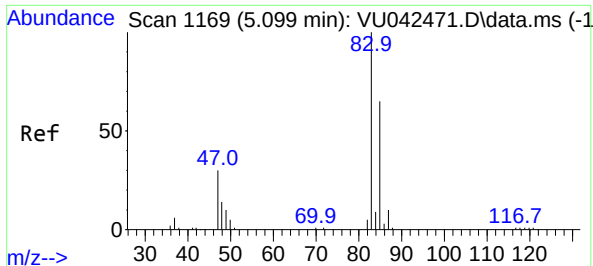
Lab File: VU043110.D

Acq: 15 Apr 2021 09:35

Tgt Ion: 128 Resp: 1623

Ion	Ratio	Lower	Upper
128	100		
49	204.5	96.4	179.0#
130	136.7	91.2	169.4
51	51.9	35.0	52.6

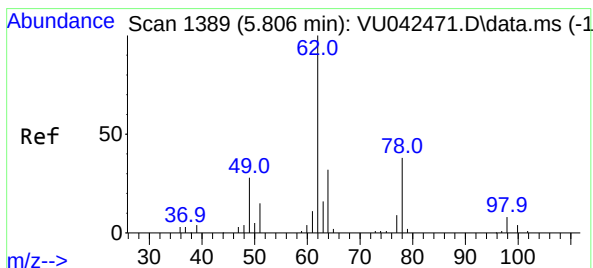
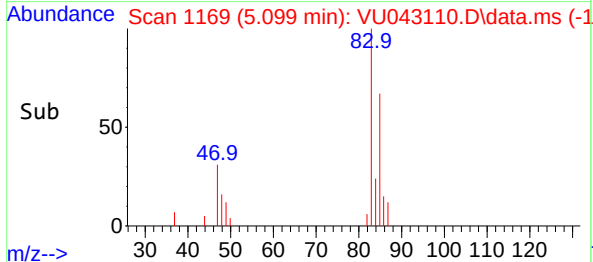
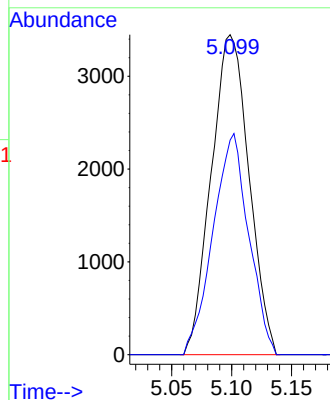
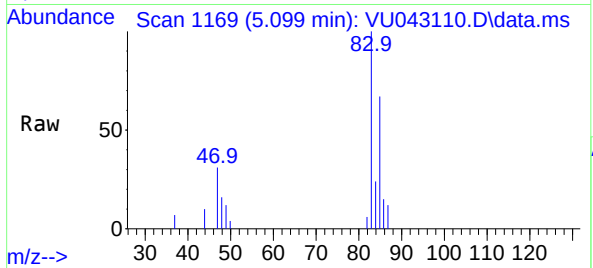




#25
Chloroform
Concen: 0.44 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VU043110.D
Acq: 15 Apr 2021 09:35

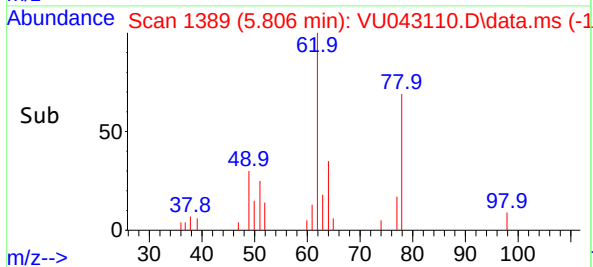
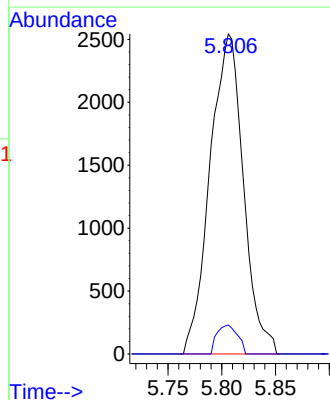
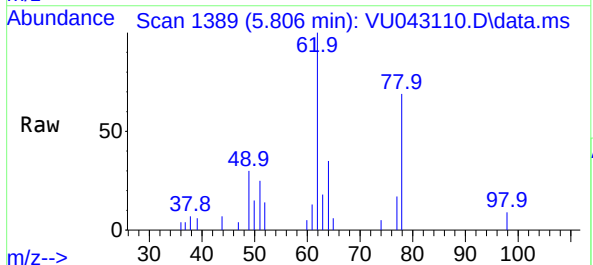
Instrument :
MSVOA_U
ClientSampleId :

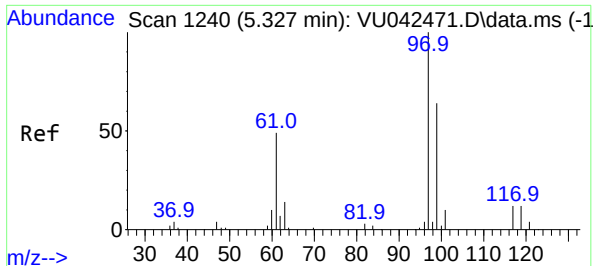
Tgt Ion: 83 Resp: 7555
Ion Ratio Lower Upper
83 100
85 67.1 45.6 84.8



#27
1,2-Dichloroethane
Concen: 0.43 ug/L
RT: 5.806 min Scan# 1389
Delta R.T. 0.003 min
Lab File: VU043110.D
Acq: 15 Apr 2021 09:35

Tgt Ion: 62 Resp: 5492
Ion Ratio Lower Upper
62 100
98 9.0 7.5 11.3

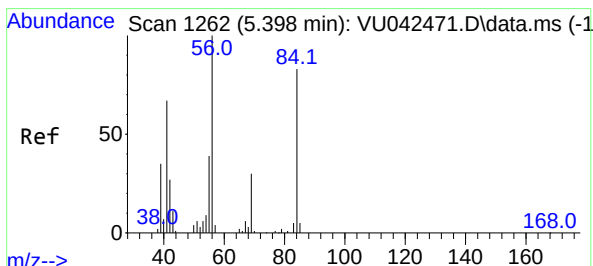
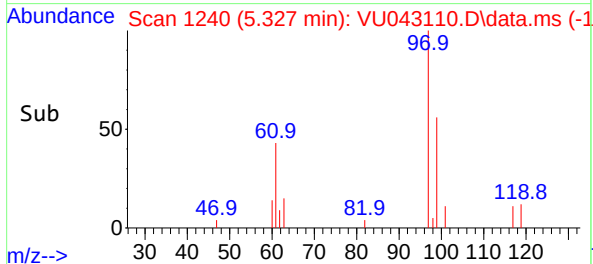
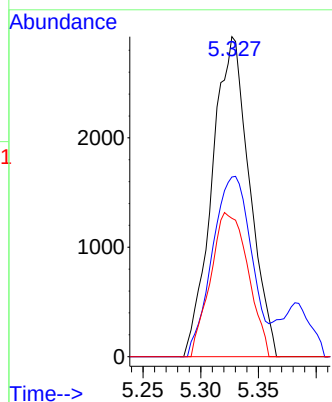
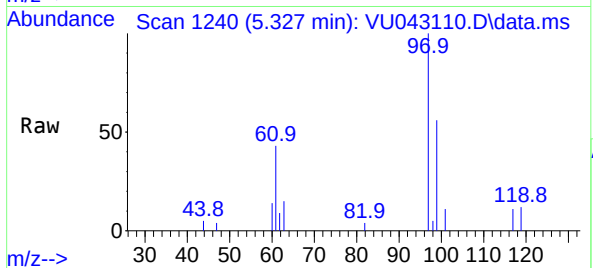




#29
1,1,1-Trichloroethane
Concen: 0.42 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VU043110.D
Acq: 15 Apr 2021 09:35

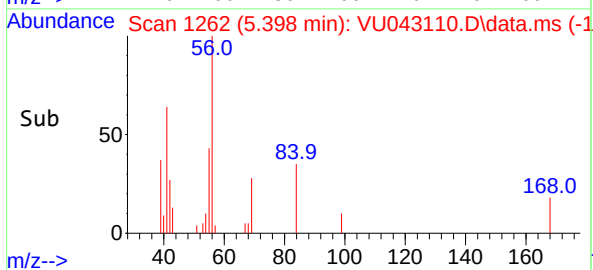
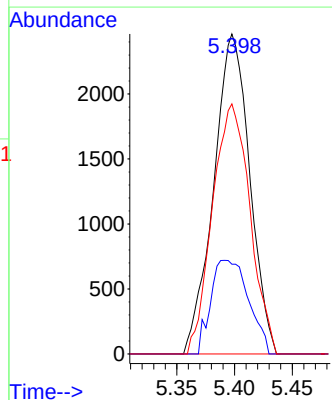
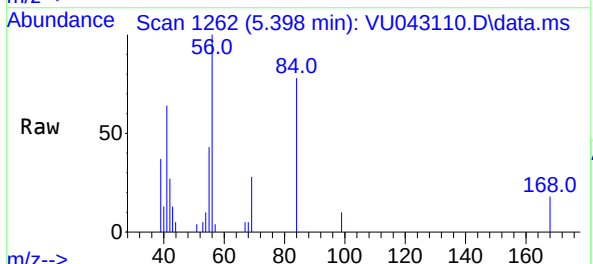
Instrument :
MSVOA_U
ClientSampleId :

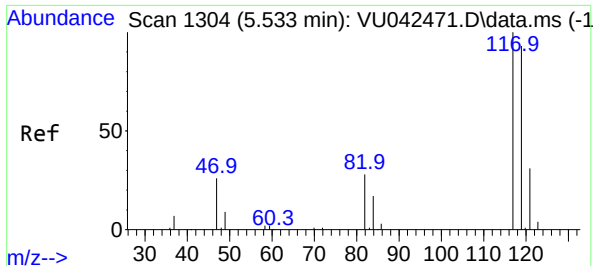
Tgt Ion:	97	Resp:	6562
Ion	Ratio	Lower	Upper
97	100		
99	59.5	50.3	75.5
61	45.3	32.7	49.1



#30
Cyclohexane
Concen: 0.35 ug/L
RT: 5.398 min Scan# 1262
Delta R.T. 0.003 min
Lab File: VU043110.D
Acq: 15 Apr 2021 09:35

Tgt Ion:	56	Resp:	5338
Ion	Ratio	Lower	Upper
56	100		
69	30.7	25.2	37.8
84	81.5	76.2	114.4

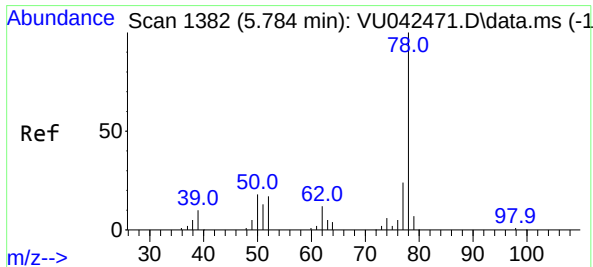
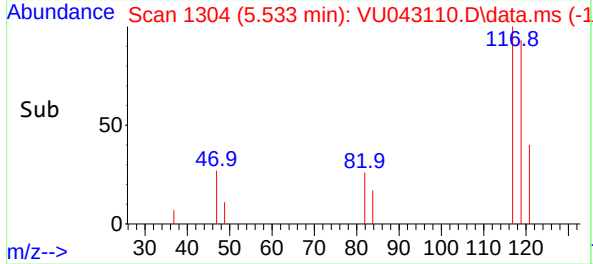
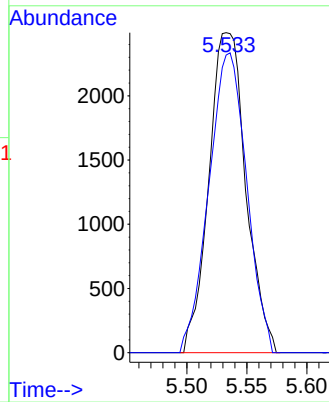
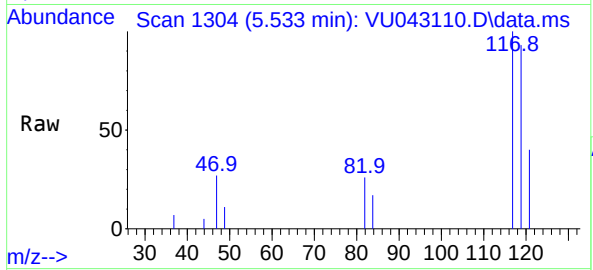




#31
Carbon tetrachloride
Concen: 0.40 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VU043110.D
Acq: 15 Apr 2021 09:35

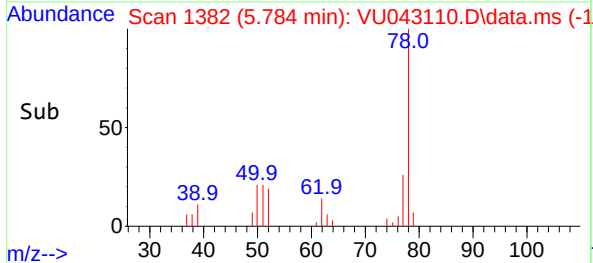
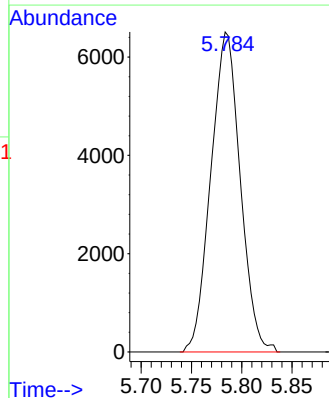
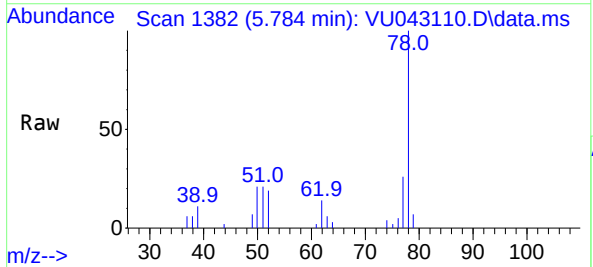
Instrument :
MSVOA_U
ClientSampled :

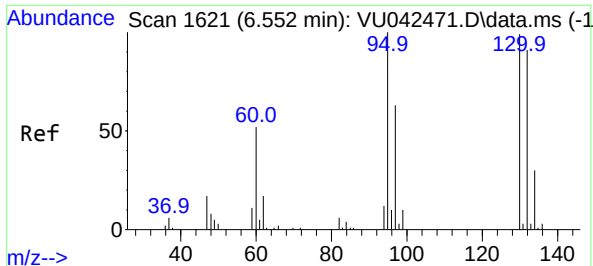
Tgt Ion:117 Resp: 5346
Ion Ratio Lower Upper
117 100
119 95.7 76.2 114.4



#33
Benzene
Concen: 0.38 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. 0.003 min
Lab File: VU043110.D
Acq: 15 Apr 2021 09:35

Tgt Ion: 78 Resp: 13238





#34

Trichloroethene

Concen: 0.43 ug/L

RT: 6.549 min Scan# 1620

Delta R.T. -0.003 min

Lab File: VU043110.D

Acq: 15 Apr 2021 09:35

Tgt Ion: 95 Resp: 4063

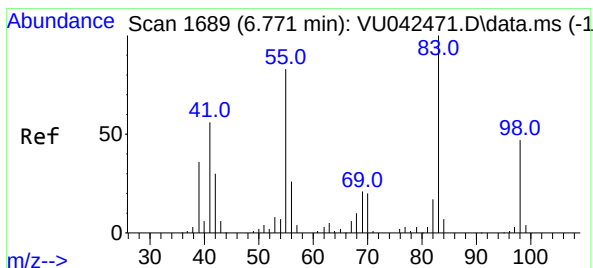
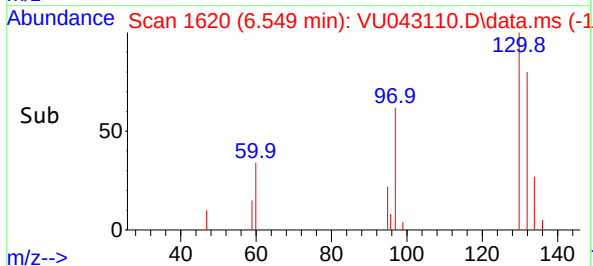
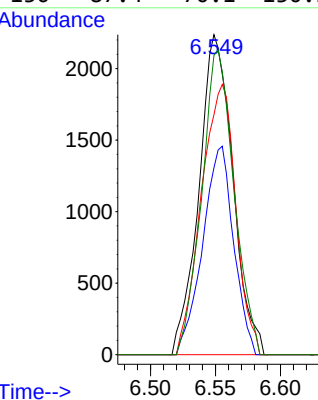
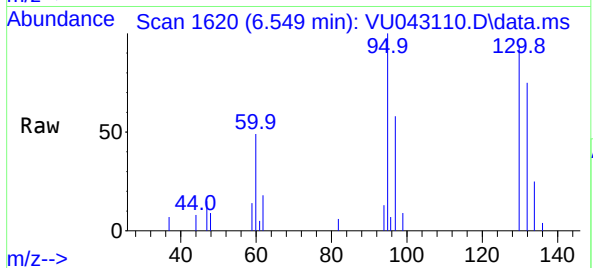
Ion Ratio Lower Upper

95 100

97 54.6 45.8 85.2

132 70.1 68.7 127.7

130 87.4 70.1 130.3



#35

Methylcyclohexane

Concen: 0.36 ug/L

RT: 6.771 min Scan# 1689

Delta R.T. -0.000 min

Lab File: VU043110.D

Acq: 15 Apr 2021 09:35

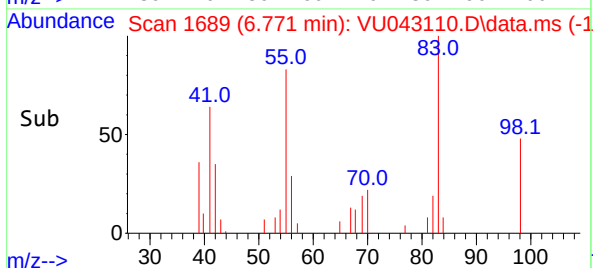
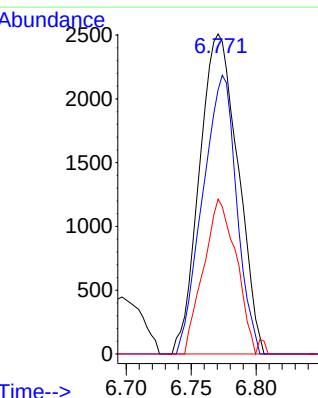
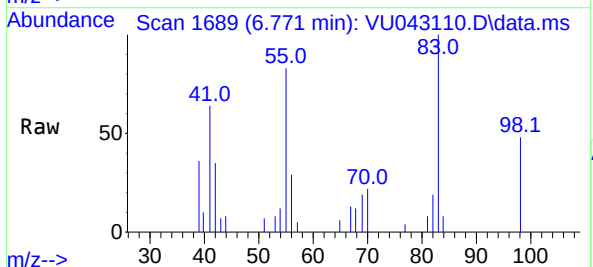
Tgt Ion: 83 Resp: 5164

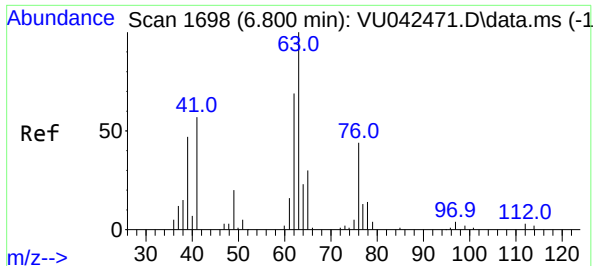
Ion Ratio Lower Upper

83 100

55 76.9 59.5 89.3

98 41.0 37.9 56.9

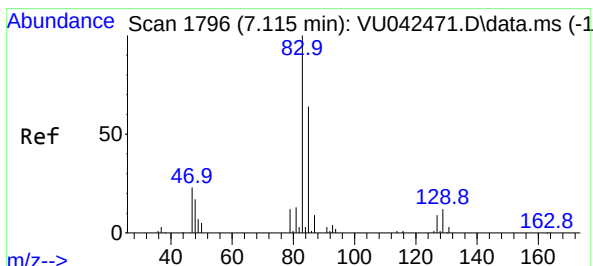
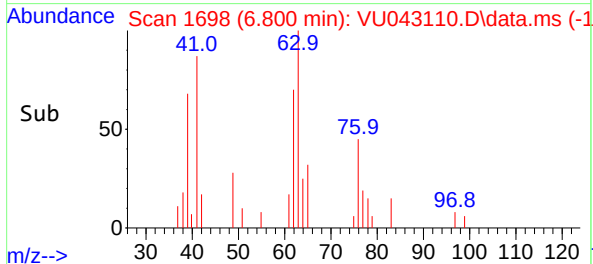
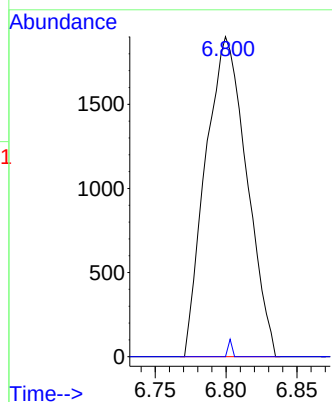
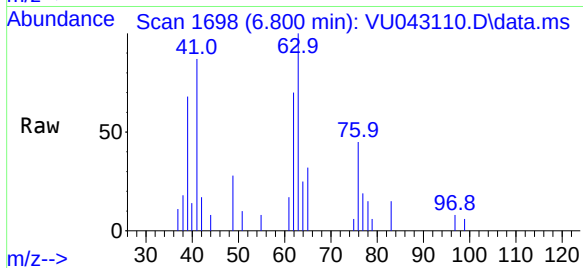




#37
1,2-Dichloropropane
Concen: 0.41 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VU043110.D
Acq: 15 Apr 2021 09:35

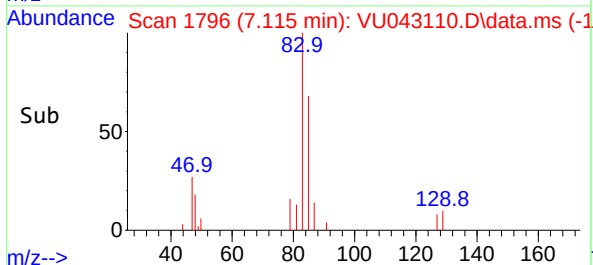
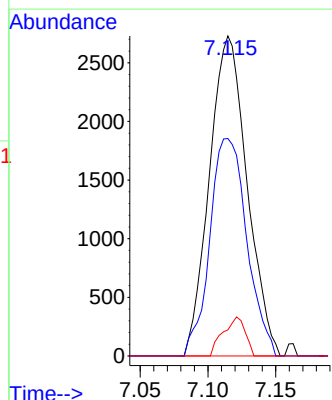
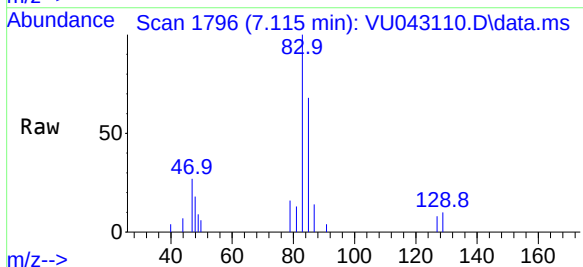
Instrument :
MSVOA_U
ClientSampled :

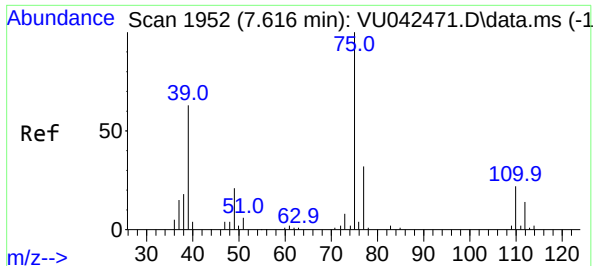
Tgt Ion: 63 Resp: 3832
Ion Ratio Lower Upper
63 100
112 0.5 3.5 5.3#



#38
Bromodichloromethane
Concen: 0.43 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VU043110.D
Acq: 15 Apr 2021 09:35

Tgt Ion: 83 Resp: 5277
Ion Ratio Lower Upper
83 100
85 67.9 44.6 82.8
127 8.2 7.4 11.2

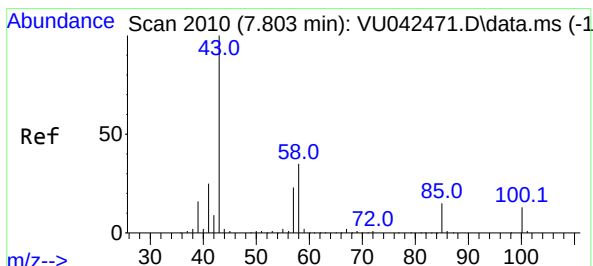
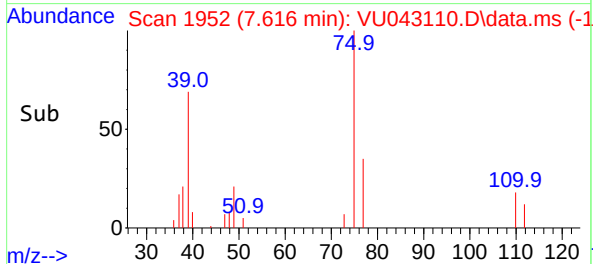
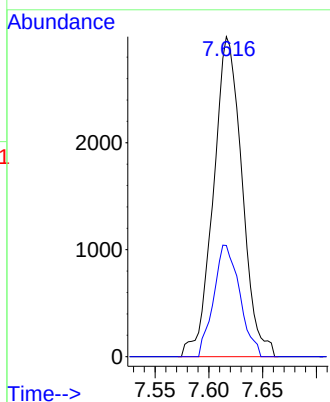
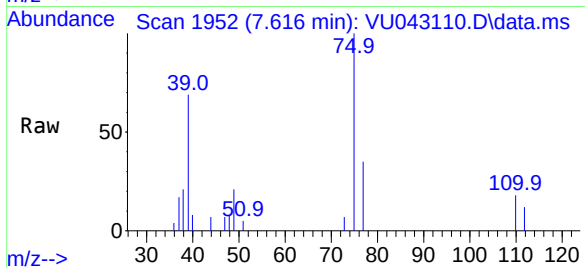




#39
cis-1,3-Dichloropropene
Concen: 0.40 ug/L
RT: 7.616 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VU043110.D
Acq: 15 Apr 2021 09:35

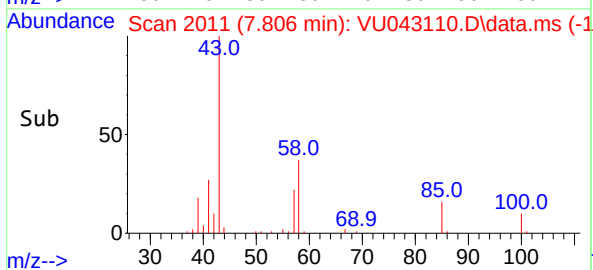
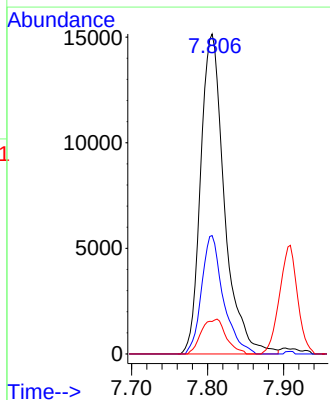
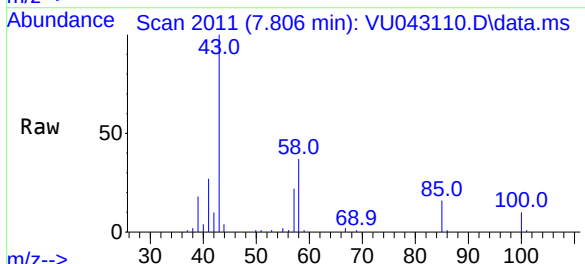
Instrument :
MSVOA_U
ClientSampleId :

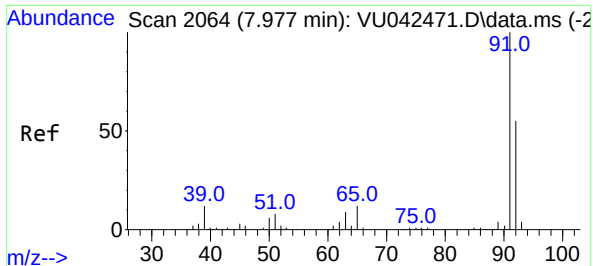
Tgt Ion: 75 Resp: 5531
Ion Ratio Lower Upper
75 100
77 34.7 21.8 40.6



#40
4-Methyl-2-pentanone
Concen: 3.98 ug/L
RT: 7.806 min Scan# 2011
Delta R.T. 0.006 min
Lab File: VU043110.D
Acq: 15 Apr 2021 09:35

Tgt Ion: 43 Resp: 32919
Ion Ratio Lower Upper
43 100
58 34.0 35.8 53.6#
100 11.3 15.1 22.7#

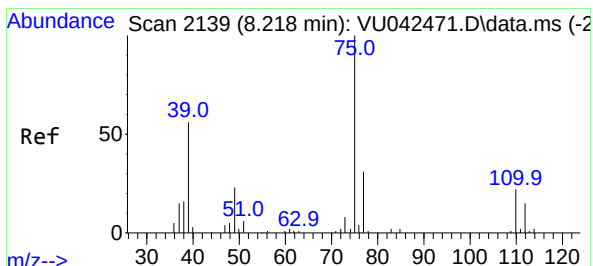
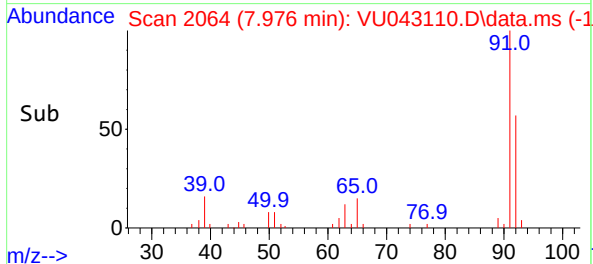
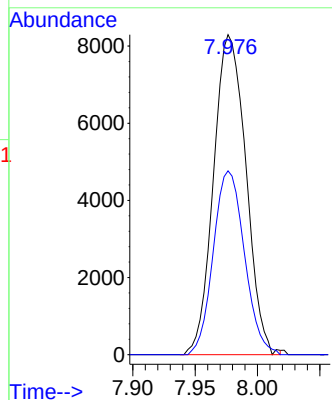
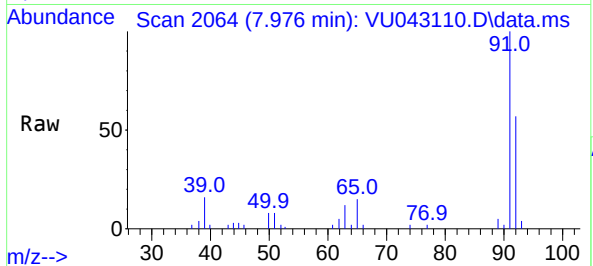




#42
Toluene
Concen: 0.40 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU043110.D
Acq: 15 Apr 2021 09:35

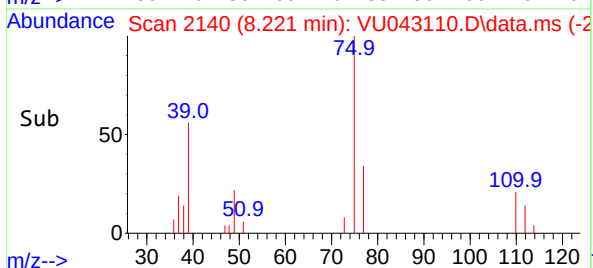
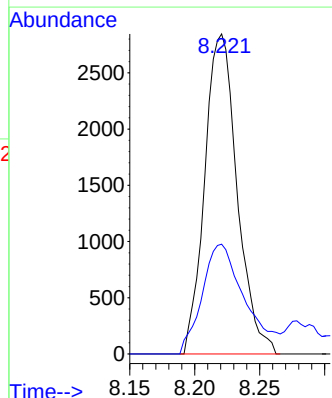
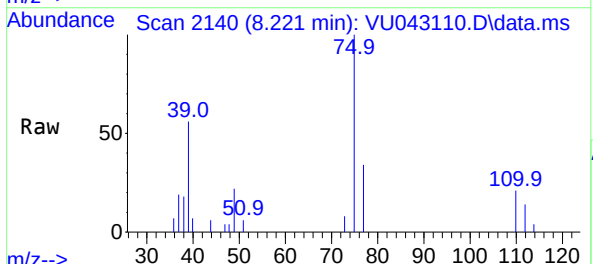
Instrument :
MSVOA_U
ClientSampled :

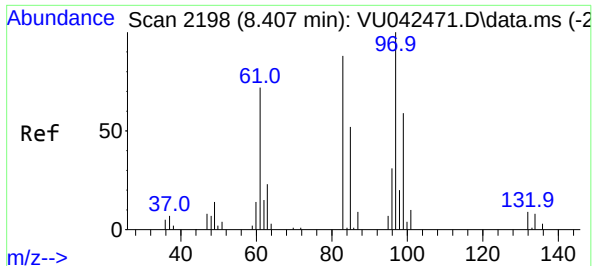
Tgt Ion: 91 Resp: 15018
Ion Ratio Lower Upper
91 100
92 57.4 40.9 76.0



#44
trans-1,3-Dichloropropene
Concen: 0.39 ug/L
RT: 8.221 min Scan# 2140
Delta R.T. 0.003 min
Lab File: VU043110.D
Acq: 15 Apr 2021 09:35

Tgt Ion: 75 Resp: 4945
Ion Ratio Lower Upper
75 100
77 34.3 23.4 43.4





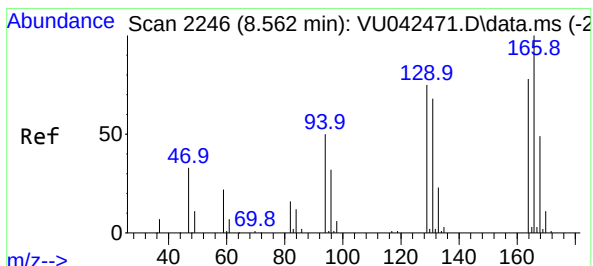
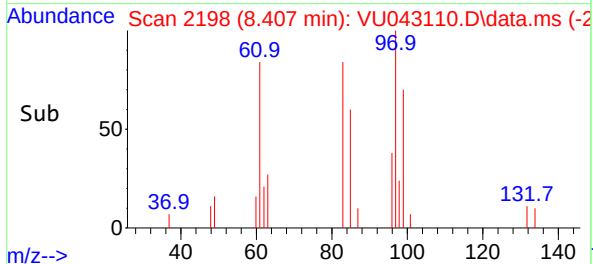
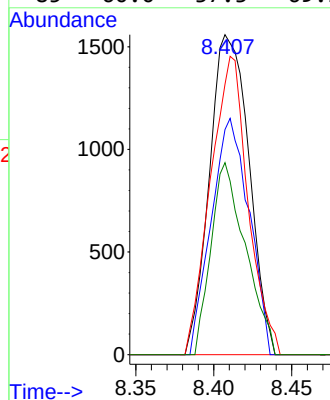
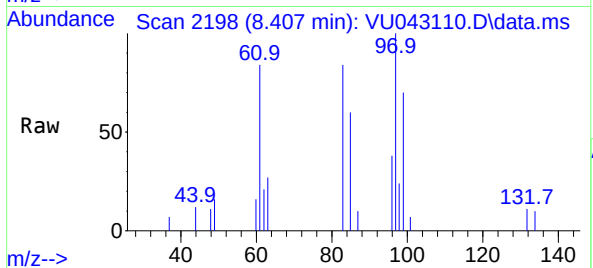
#45

1,1,2-Trichloroethane
Concen: 0.40 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. -0.000 min
Lab File: VU043110.D
Acq: 15 Apr 2021 09:35

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 97 Resp: 2753

Ion	Ratio	Lower	Upper
97	100		
99	70.4	44.2	82.0
83	84.5	60.1	111.7
85	60.0	37.3	69.3

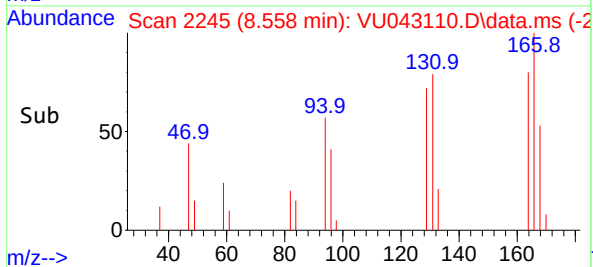
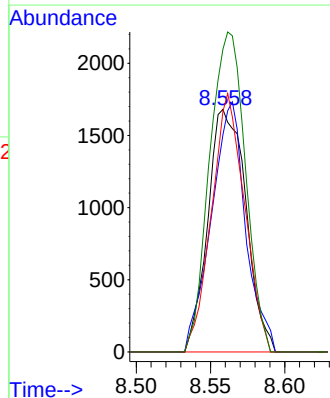
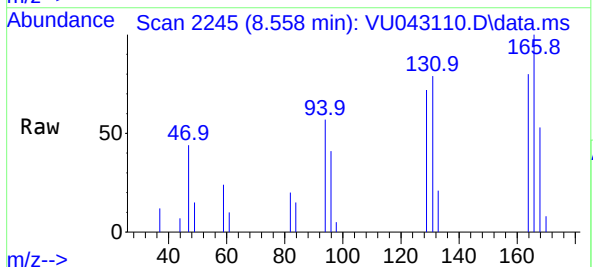


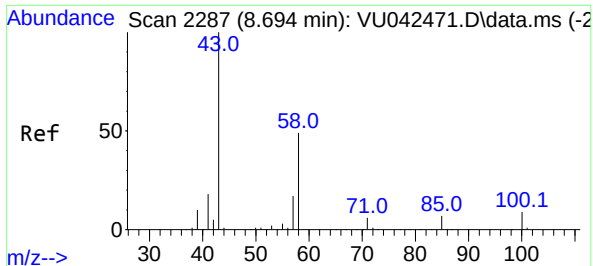
#47

Tetrachloroethene
Concen: 0.39 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.003 min
Lab File: VU043110.D
Acq: 15 Apr 2021 09:35

Tgt Ion: 164 Resp: 2990

Ion	Ratio	Lower	Upper
164	100		
129	89.5	66.6	123.8
131	99.2	65.9	122.3
166	124.8	93.7	173.9



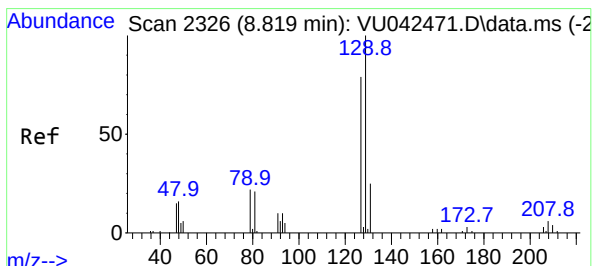
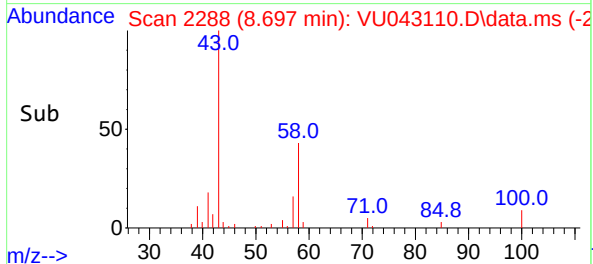
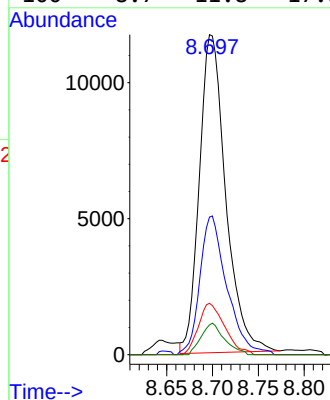
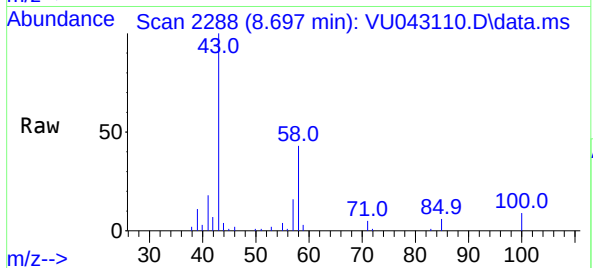


#48
2-Hexanone
Concen: 3.85 ug/L
RT: 8.697 min Scan# 2288
Delta R.T. 0.003 min
Lab File: VU043110.D
Acq: 15 Apr 2021 09:35

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 23404

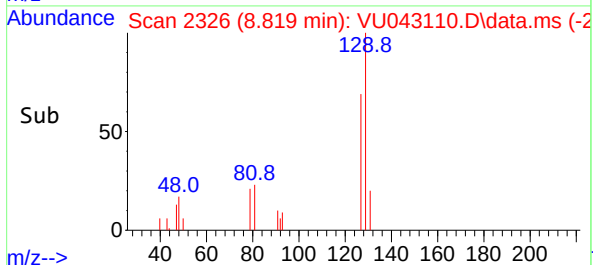
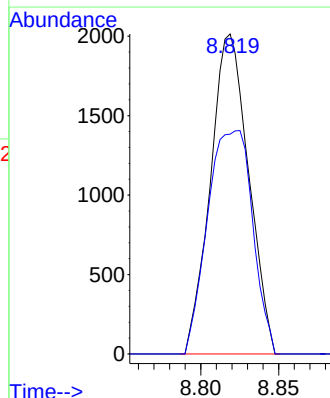
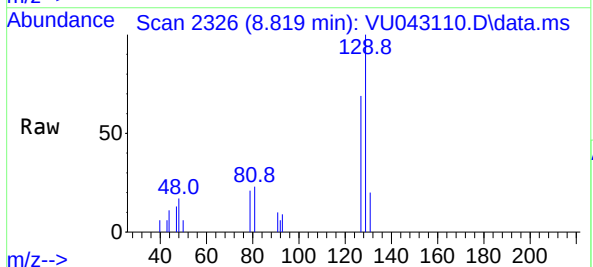
Ion	Ratio	Lower	Upper
43	100		
58	44.6	50.0	75.0#
57	16.2	17.4	26.0#
100	8.7	11.8	17.8#

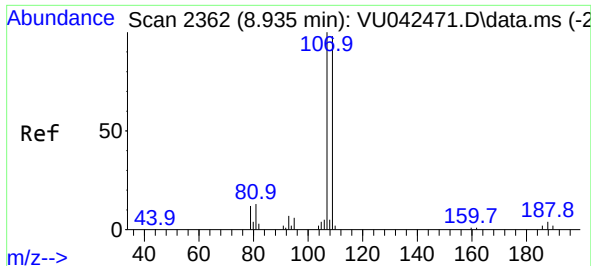


#49
Dibromochloromethane
Concen: 0.39 ug/L
RT: 8.819 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VU043110.D
Acq: 15 Apr 2021 09:35

Tgt Ion: 129 Resp: 3423

Ion	Ratio	Lower	Upper
129	100		
127	68.7	56.6	105.2

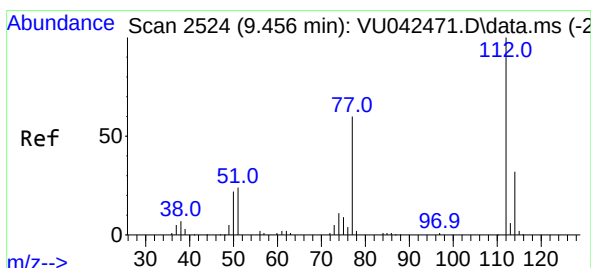
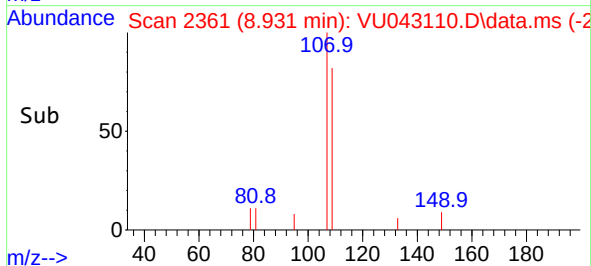
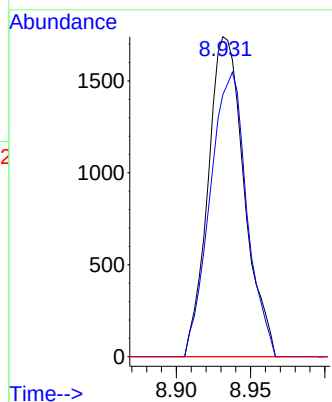
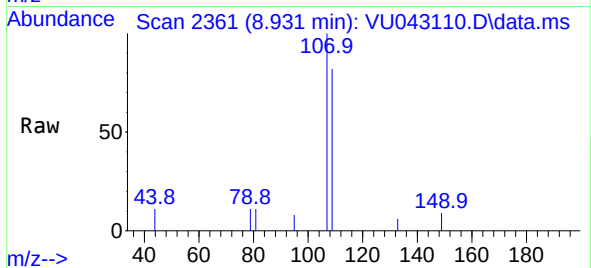




#50
1,2-Dibromoethane
Concen: 0.43 ug/L
RT: 8.931 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VU043110.D
Acq: 15 Apr 2021 09:35

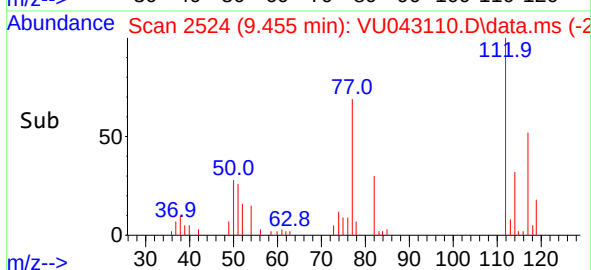
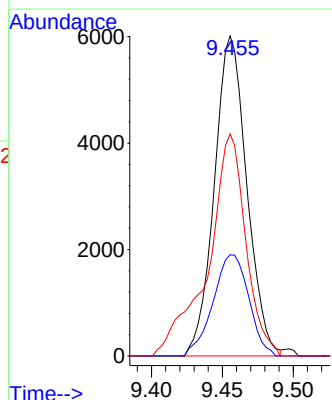
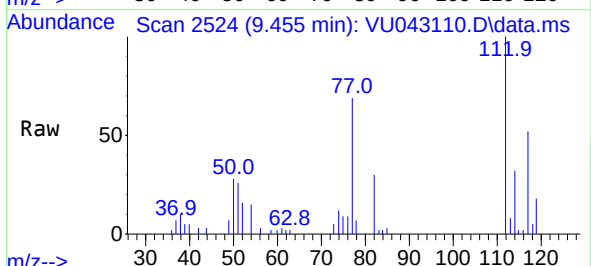
Instrument :
MSVOA_U
ClientSampleId :

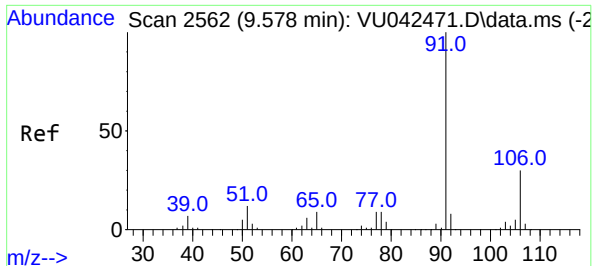
Tgt Ion:107 Resp: 2950
Ion Ratio Lower Upper
107 100
109 82.0 65.4 121.4
188 0.0 2.5 3.7#



#51
Chlorobenzene
Concen: 0.40 ug/L
RT: 9.455 min Scan# 2524
Delta R.T. -0.000 min
Lab File: VU043110.D
Acq: 15 Apr 2021 09:35

Tgt Ion:112 Resp: 9583
Ion Ratio Lower Upper
112 100
114 31.6 21.9 40.7
77 69.4 45.1 67.7#

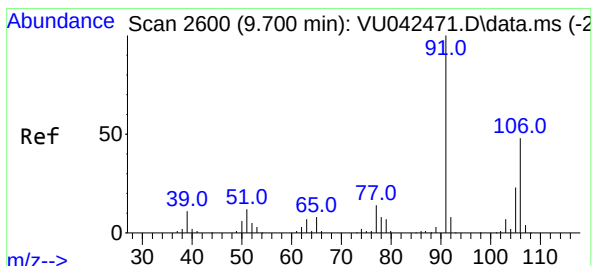
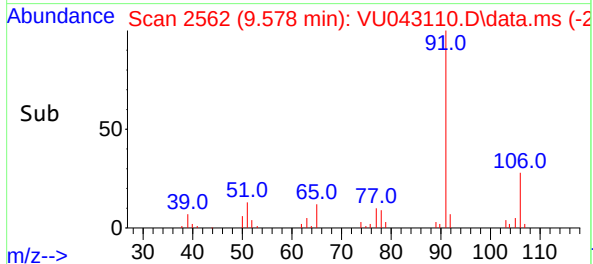
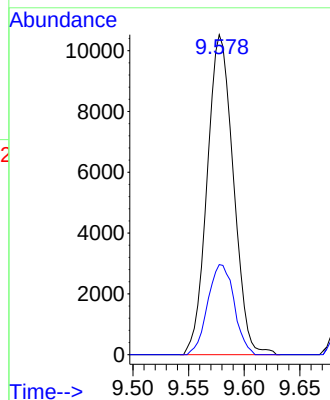
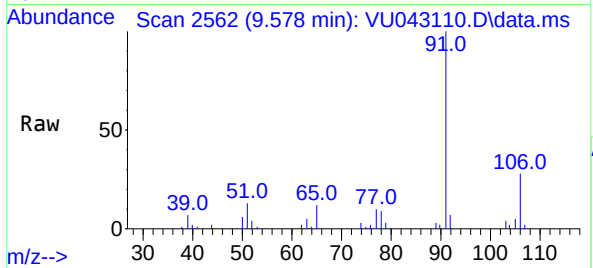




#52
Ethylbenzene
Concen: 0.40 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. -0.000 min
Lab File: VU043110.D
Acq: 15 Apr 2021 09:35

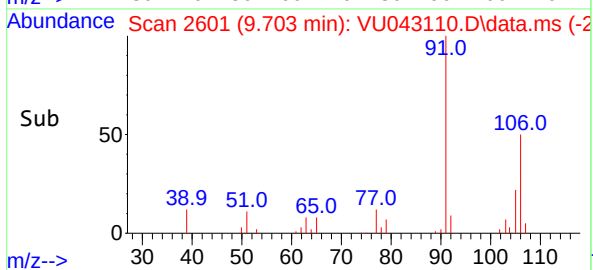
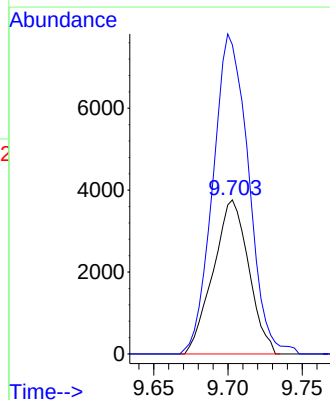
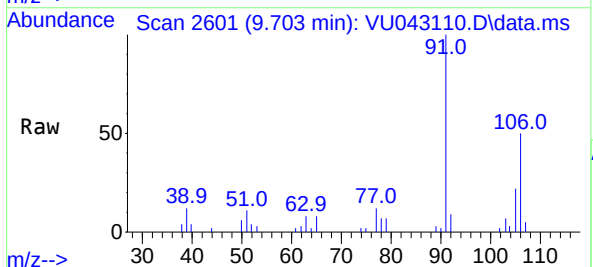
Instrument :
MSVOA_U
ClientSampleId :

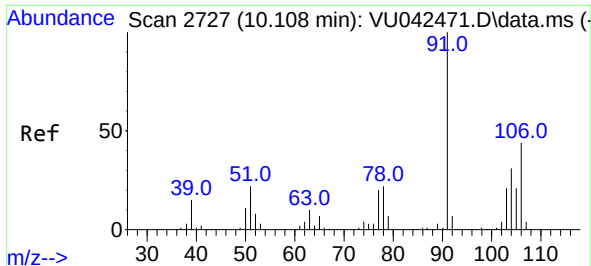
Tgt Ion: 91 Resp: 17231
Ion Ratio Lower Upper
91 100
106 28.1 22.0 40.8



#53
m,p-Xylene
Concen: 0.40 ug/L
RT: 9.703 min Scan# 2601
Delta R.T. 0.003 min
Lab File: VU043110.D
Acq: 15 Apr 2021 09:35

Tgt Ion:106 Resp: 6262
Ion Ratio Lower Upper
106 100
91 200.7 137.6 255.6

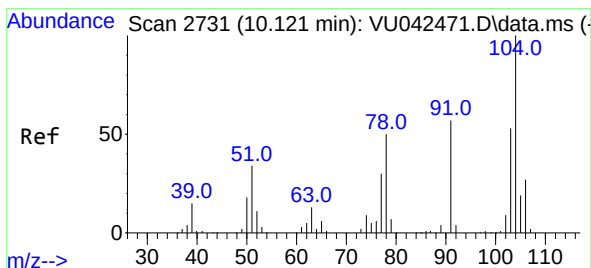
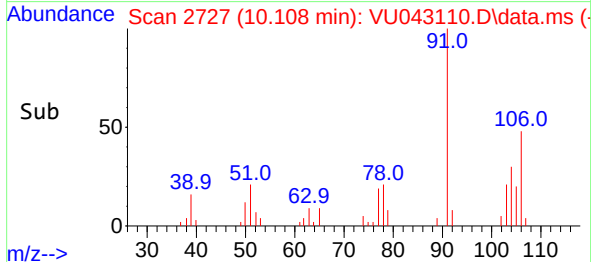
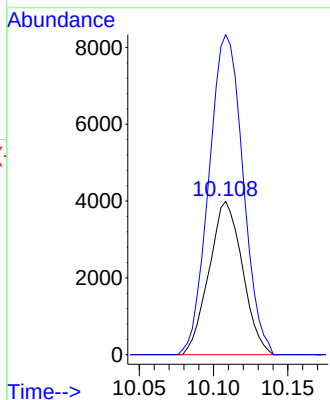
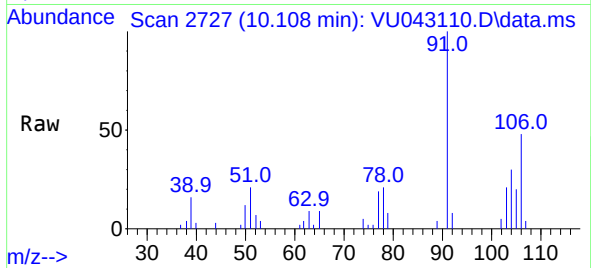




#54
o-Xylene
Concen: 0.41 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. -0.000 min
Lab File: VU043110.D
Acq: 15 Apr 2021 09:35

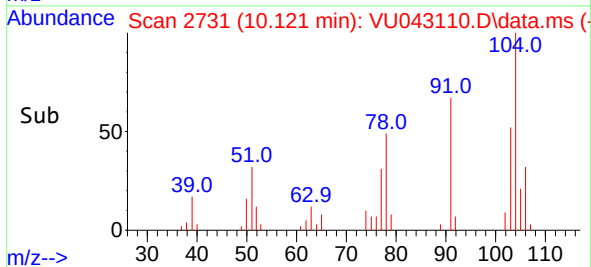
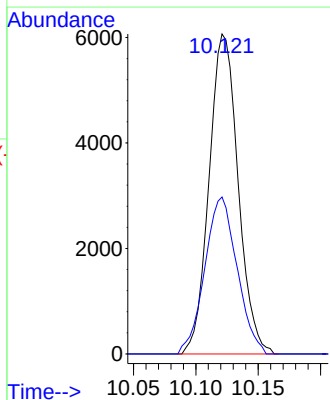
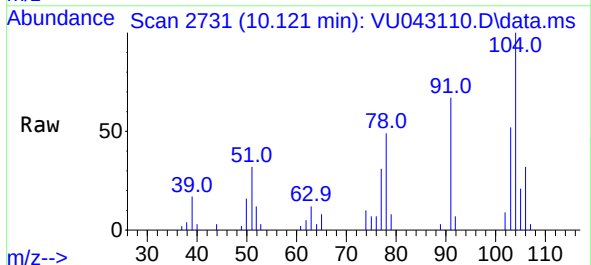
Instrument :
MSVOA_U
ClientSampleId :

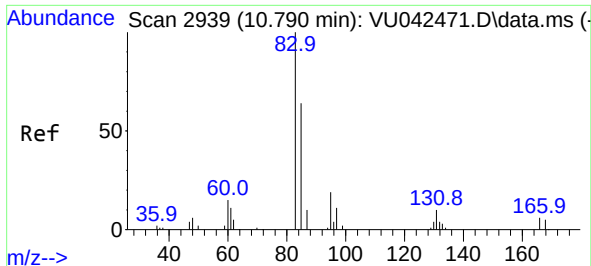
Tgt Ion:106 Resp: 6260
Ion Ratio Lower Upper
106 100
91 208.7 148.5 275.9



#55
Styrene
Concen: 0.38 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. -0.000 min
Lab File: VU043110.D
Acq: 15 Apr 2021 09:35

Tgt Ion:104 Resp: 9849
Ion Ratio Lower Upper
104 100
78 49.0 32.3 60.1

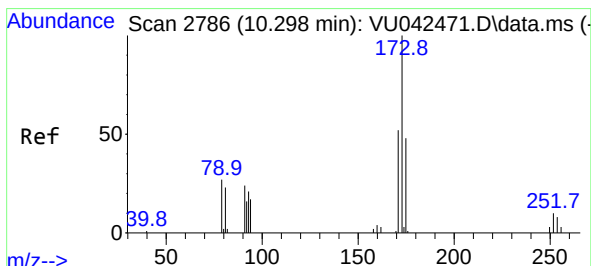
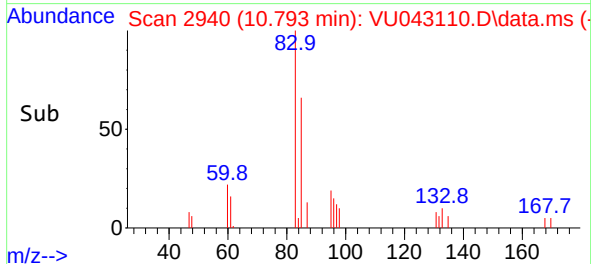
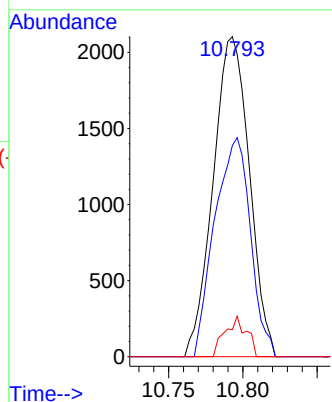
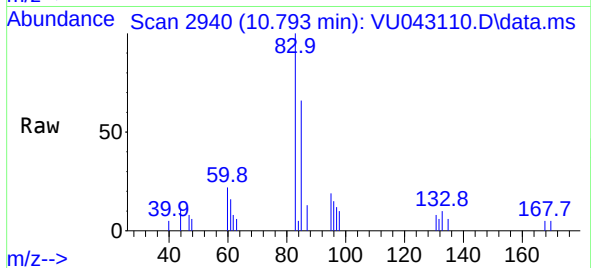




#57
1,1,2,2-Tetrachloroethane
Concen: 0.38 ug/L
RT: 10.793 min Scan# 2940
Delta R.T. 0.003 min
Lab File: VU043110.D
Acq: 15 Apr 2021 09:35

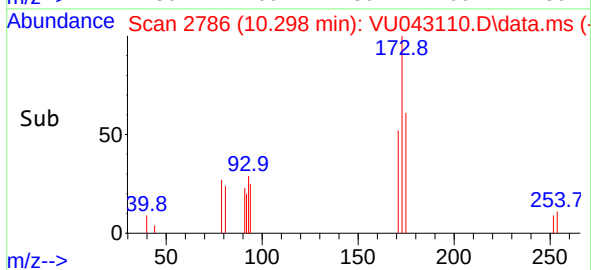
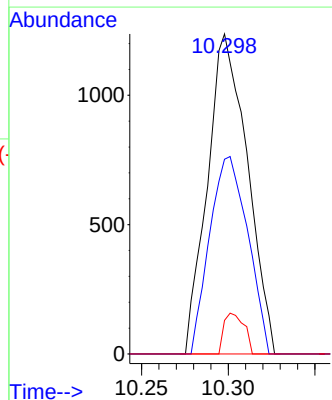
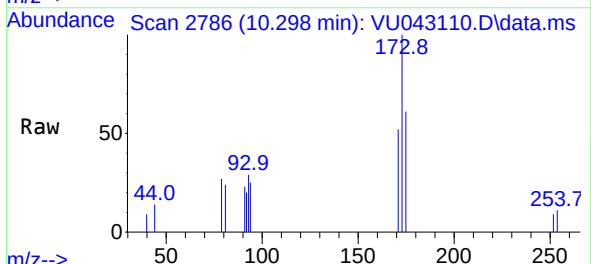
Instrument :
MSVOA_U
ClientSampleId :

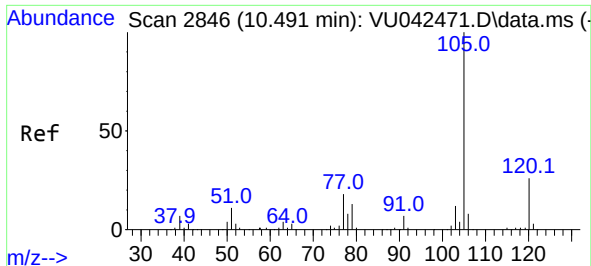
Tgt Ion:	83	Resp:	3570
Ion	Ratio	Lower	Upper
83	100		
85	66.0	44.9	83.5
131	8.5	8.2	12.4



#59
Bromoform
Concen: 0.38 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. -0.000 min
Lab File: VU043110.D
Acq: 15 Apr 2021 09:35

Tgt Ion:	173	Resp:	1981
Ion	Ratio	Lower	Upper
173	100		
175	59.1	39.4	59.0#
254	6.5	8.0	12.0#



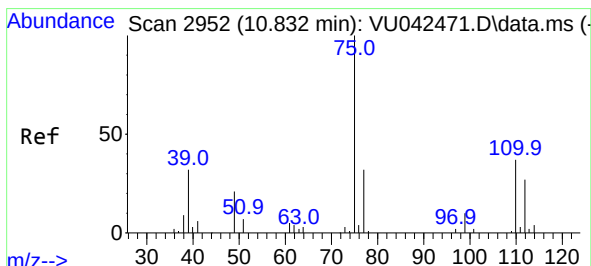
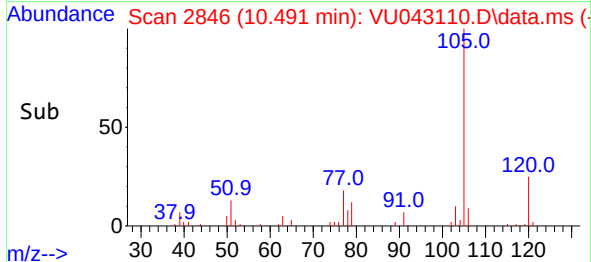
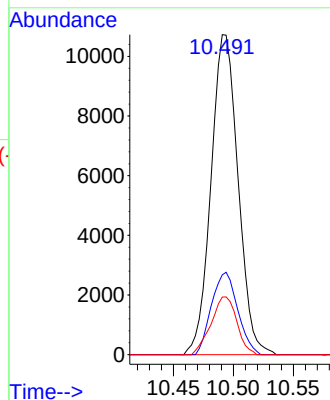
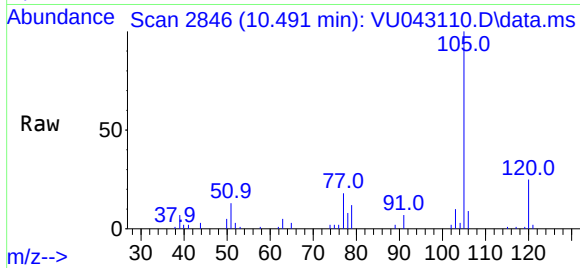


#60
Isopropylbenzene
Concen: 0.41 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. -0.000 min
Lab File: VU043110.D
Acq: 15 Apr 2021 09:35

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion:105 Resp: 16835

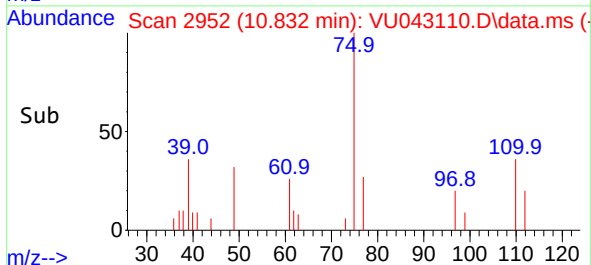
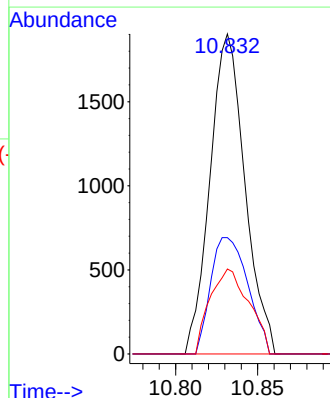
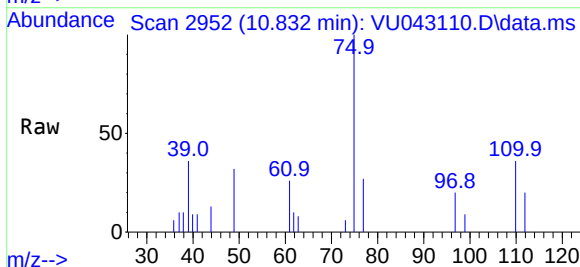
Ion	Ratio	Lower	Upper
105	100		
120	24.9	20.9	31.3
77	17.2	11.8	17.8

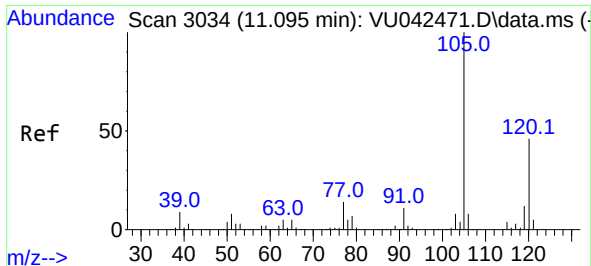


#61
1,2,3-Trichloropropane
Concen: 0.41 ug/L
RT: 10.832 min Scan# 2952
Delta R.T. -0.000 min
Lab File: VU043110.D
Acq: 15 Apr 2021 09:35

Tgt Ion: 75 Resp: 2814

Ion	Ratio	Lower	Upper
75	100		
110	38.7	31.5	47.3
77	29.7	26.3	39.5

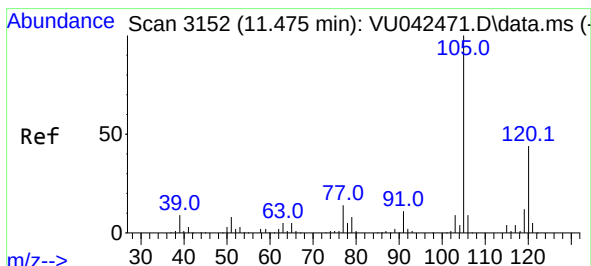
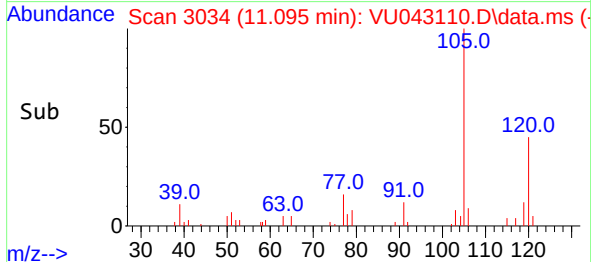
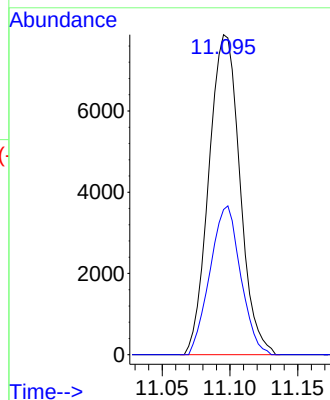
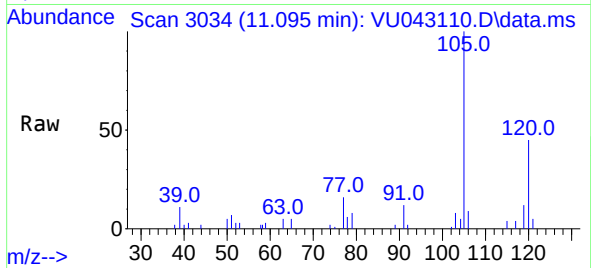




#62
1,3,5-Trimethylbenzene
Concen: 0.36 ug/L
RT: 11.095 min Scan# 3034
Delta R.T. -0.000 min
Lab File: VU043110.D
Acq: 15 Apr 2021 09:35

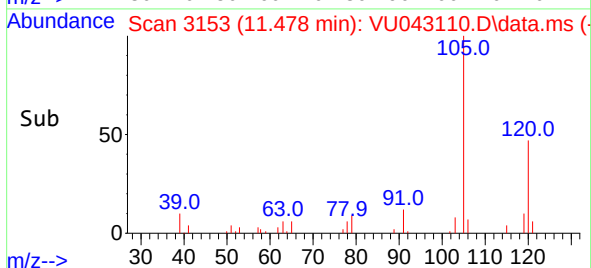
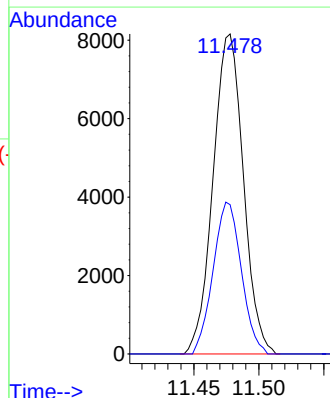
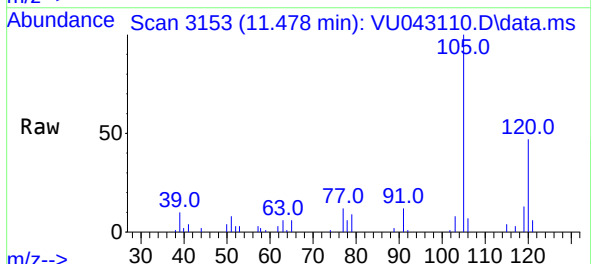
Instrument :
MSVOA_U
ClientSampleId :

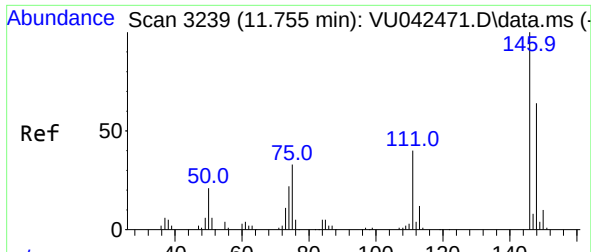
Tgt Ion:105 Resp: 12539
Ion Ratio Lower Upper
105 100
120 45.8 39.5 59.3



#63
1,2,4-Trimethylbenzene
Concen: 0.37 ug/L
RT: 11.478 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VU043110.D
Acq: 15 Apr 2021 09:35

Tgt Ion:105 Resp: 13227
Ion Ratio Lower Upper
105 100
120 44.1 36.7 55.1

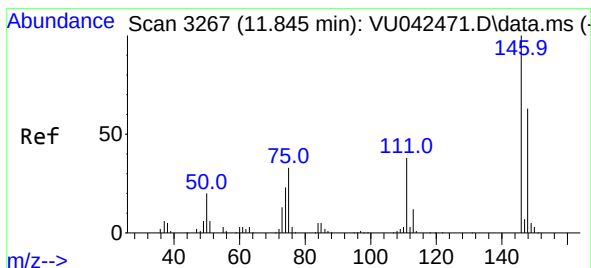
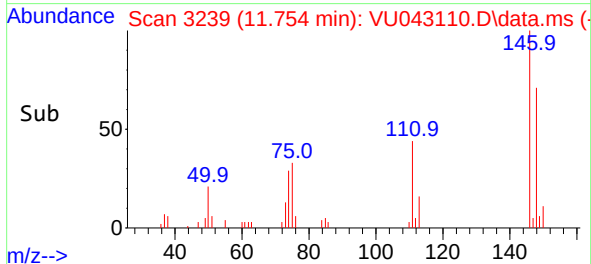
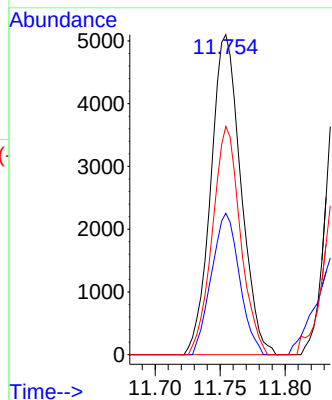
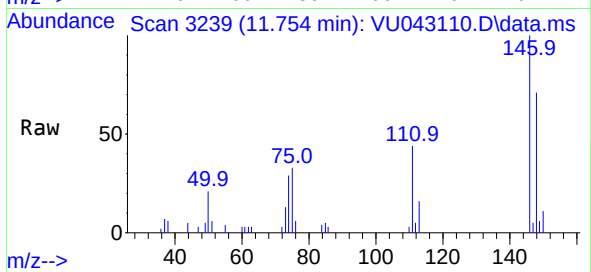




#64
1,3-Dichlorobenzene
Concen: 0.41 ug/L
RT: 11.754 min Scan# 3239
Delta R.T. -0.000 min
Lab File: VU043110.D
Acq: 15 Apr 2021 09:35

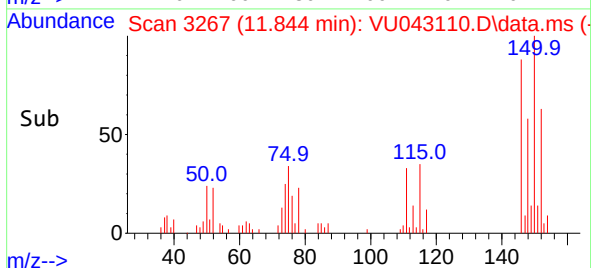
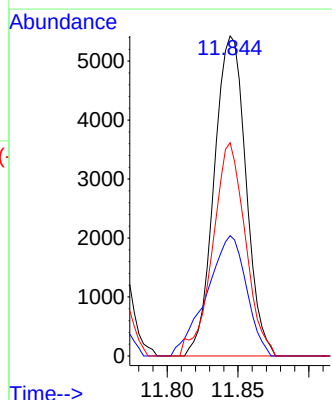
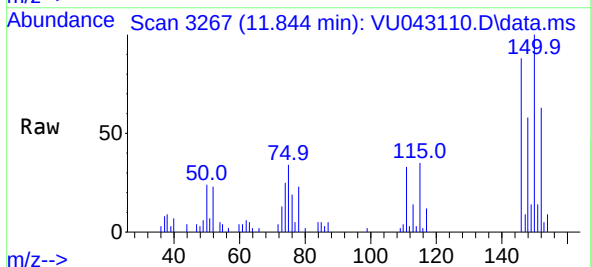
Instrument :
MSVOA_U
ClientSampleId :

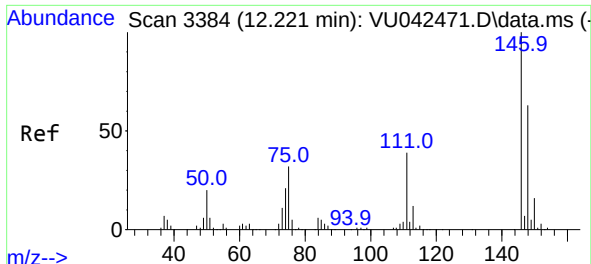
Tgt Ion:146 Resp: 8182
Ion Ratio Lower Upper
146 100
111 44.2 27.6 51.2
148 71.3 44.9 83.3



#65
1,4-Dichlorobenzene
Concen: 0.42 ug/L
RT: 11.844 min Scan# 3267
Delta R.T. -0.000 min
Lab File: VU043110.D
Acq: 15 Apr 2021 09:35

Tgt Ion:146 Resp: 8457
Ion Ratio Lower Upper
146 100
111 37.6 26.7 49.5
148 66.6 43.9 81.5

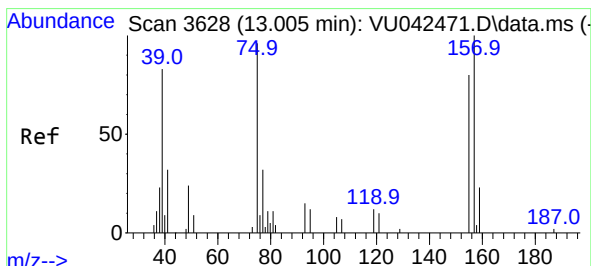
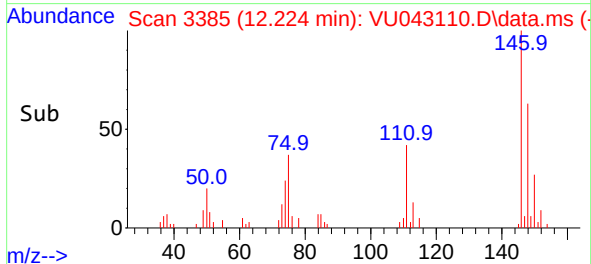
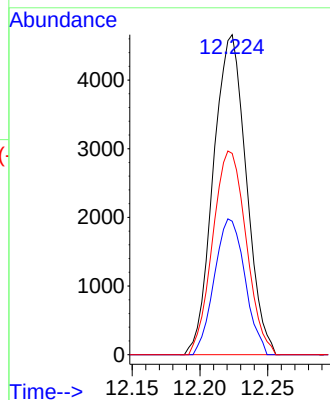
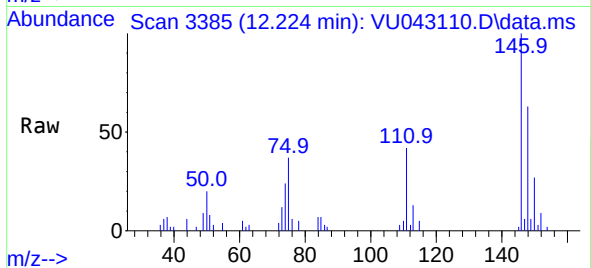




#67
1,2-Dichlorobenzene
Concen: 0.41 ug/L
RT: 12.224 min Scan# 3385
Delta R.T. 0.003 min
Lab File: VU043110.D
Acq: 15 Apr 2021 09:35

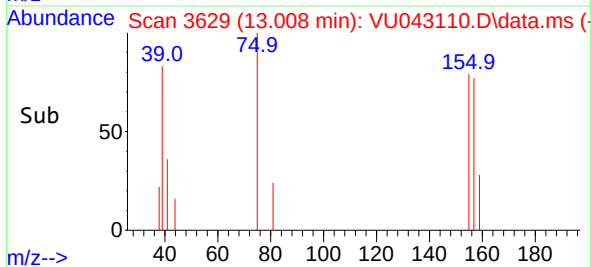
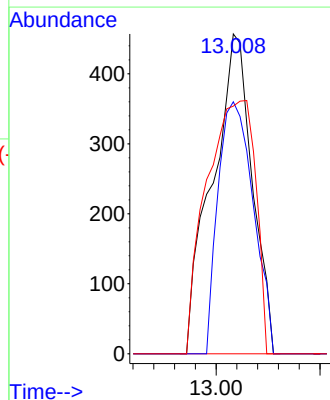
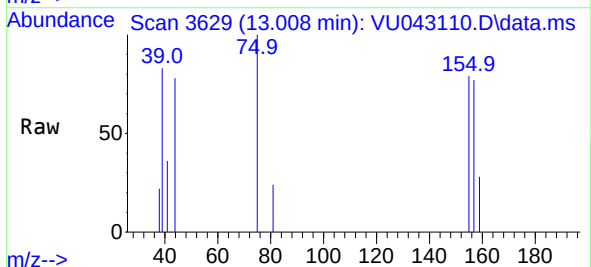
Instrument :
MSVOA_U
ClientSampleId :

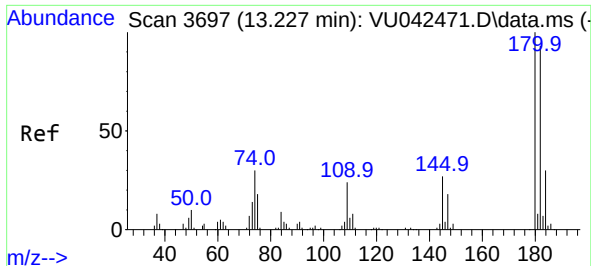
Tgt Ion:	146	Resp:	7864
Ion	Ratio	Lower	Upper
146	100		
111	41.7	31.9	47.9
148	62.9	48.8	73.2



#68
1,2-Dibromo-3-chloropropane
Concen: 0.37 ug/L
RT: 13.008 min Scan# 3629
Delta R.T. 0.003 min
Lab File: VU043110.D
Acq: 15 Apr 2021 09:35

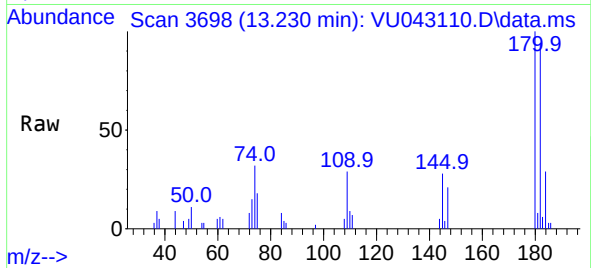
Tgt Ion:	75	Resp:	611
Ion	Ratio	Lower	Upper
75	100		
155	78.8	67.8	101.8
157	77.5	82.4	123.6#



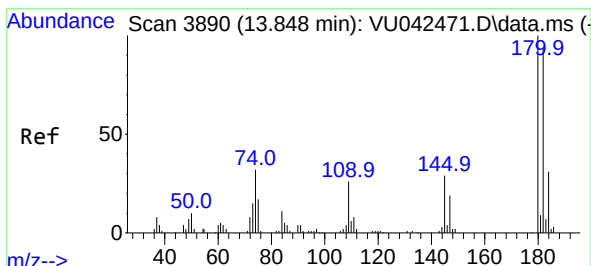
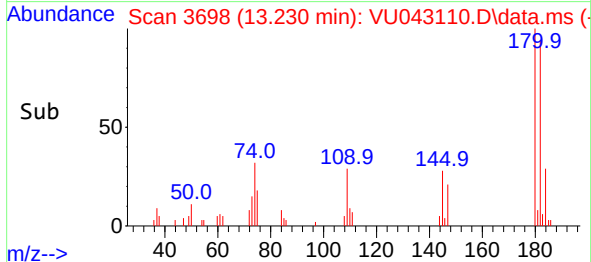
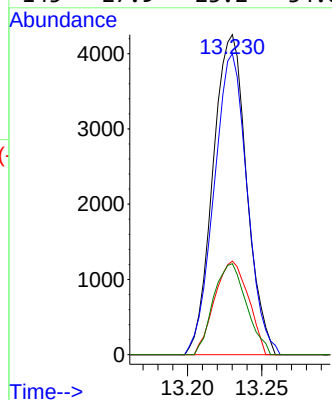


#69
1,3,5-Trichlorobenzene
Concen: 0.39 ug/L
RT: 13.230 min Scan# 3698
Delta R.T. 0.003 min
Lab File: VU043110.D
Acq: 15 Apr 2021 09:35

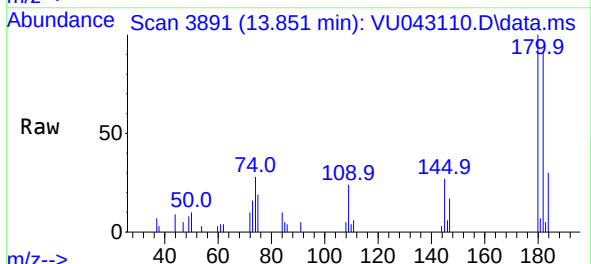
Instrument :
MSVOA_U
ClientSampleId :



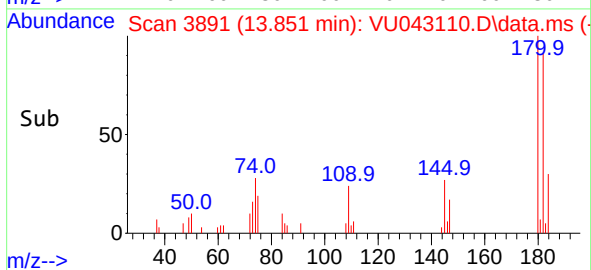
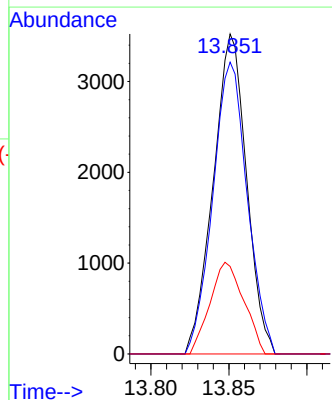
Tgt Ion:180 Resp: 6713
Ion Ratio Lower Upper
180 100
182 92.4 76.1 114.1
184 29.2 24.0 36.0
145 27.9 23.2 34.8

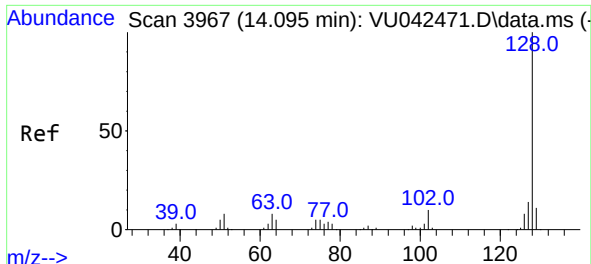


#70
1,2,4-trichlorobenzene
Concen: 0.37 ug/L
RT: 13.851 min Scan# 3891
Delta R.T. 0.003 min
Lab File: VU043110.D
Acq: 15 Apr 2021 09:35



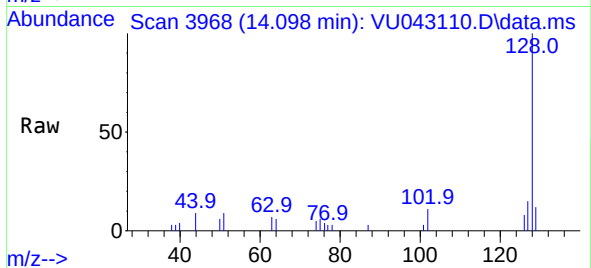
Tgt Ion:180 Resp: 5224
Ion Ratio Lower Upper
180 100
182 94.3 76.5 114.7
145 29.1 24.1 36.1





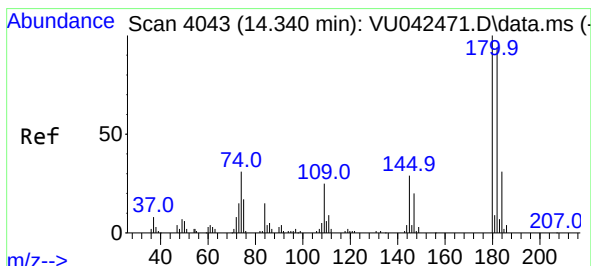
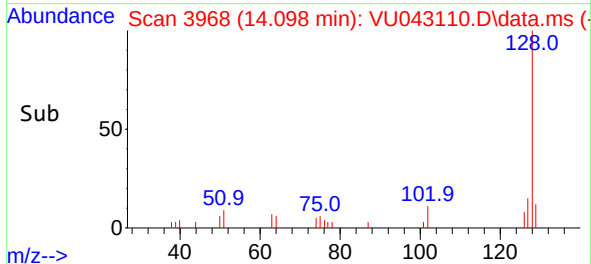
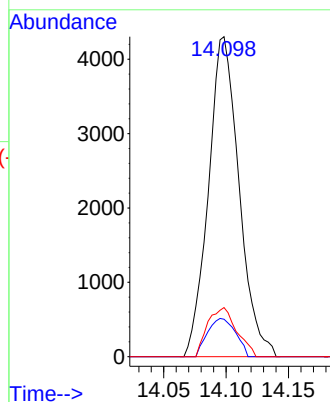
#71
Naphthalene
Concen: 0.32 ug/L
RT: 14.098 min Scan# 3968
Delta R.T. 0.003 min
Lab File: VU043110.D
Acq: 15 Apr 2021 09:35

Instrument :
MSVOA_U
ClientSampleId :

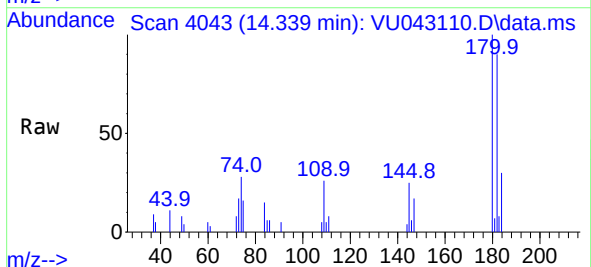


Tgt Ion:128 Resp: 7359

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.6	12.8
127	14.5	10.6	15.8



#72
1,2,3-Trichlorobenzene
Concen: 0.37 ug/L
RT: 14.339 min Scan# 4043
Delta R.T. -0.000 min
Lab File: VU043110.D
Acq: 15 Apr 2021 09:35



Tgt Ion:180 Resp: 4826

Ion	Ratio	Lower	Upper
180	100		
182	93.1	75.8	113.8
145	27.8	25.0	37.4

