

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU043021\
 Data File : VU043427.D
 Acq On : 29 Apr 2021 16:02
 Operator : SY/MD
 Sample : M2162-03MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4474MSD

Quant Time: Apr 30 07:29:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 30 07:27:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	90854	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	88274	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	46431	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	21839	4.73	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.60%
7) Chloroethane-d5	1.919	69	21502	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.80%
11) 1,1-Dichloroethene-d2	2.571	65	13322	4.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.60%
20) 2-Butanone-d5	4.639	46	109413	54.00	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.00%
24) Chloroform-d	5.073	84	62370	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.20%
26) 1,2-Dichloroethane-d4	5.710	65	36667	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.40%
32) Benzene-d6	5.735	84	109865	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.80%
36) 1,2-Dichloropropane-d6	6.700	67	37653	5.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.40%
41) Toluene-d8	7.906	98	97957	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
43) trans-1,3-Dichloroprop...	8.185	79	14239	4.73	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.60%
46) 2-Hexanone-d5	8.642	63	70143	46.72	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.44%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	30423	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.40%
66) 1,2-Dichlorobenzene-d4	12.201	152	36267	4.56	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.20%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	32477	5.58	ug/L	96
3) Chloromethane	1.523	50	32311	5.64	ug/L	99
5) Vinyl chloride	1.607	62	31054	5.20	ug/L	99
6) Bromomethane	1.861	94	17317	4.86	ug/L	98
8) Chloroethane	1.938	64	19932	4.63	ug/L	97
9) Trichlorofluoromethane	2.144	101	47334	4.26	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.587	101	29888	4.98	ug/L	96
12) 1,1-Dichloroethene	2.587	96	25514	5.05	ug/L	84
13) Acetone	2.649	43	75144	50.47	ug/L	# 64
14) Carbon disulfide	2.800	76	63781	4.95	ug/L	99
15) Methyl Acetate	2.960	43	16785	6.00	ug/L	# 80
16) Methylene chloride	3.054	84	30844	4.72	ug/L	# 78
17) Methyl tert-butyl Ether	3.372	73	72828	4.41	ug/L	# 89
18) trans-1,2-Dichloroethene	3.359	96	26566	4.93	ug/L	85
19) 1,1-Dichloroethane	3.880	63	62832	5.36	ug/L	97
21) 2-Butanone	4.719	43	119510	48.63	ug/L	83
22) cis-1,2-Dichloroethene	4.677	96	30818	4.83	ug/L	87
23) Bromochloromethane	4.986	128	14371	4.94	ug/L	# 72
25) Chloroform	5.099	83	63253	5.06	ug/L	96

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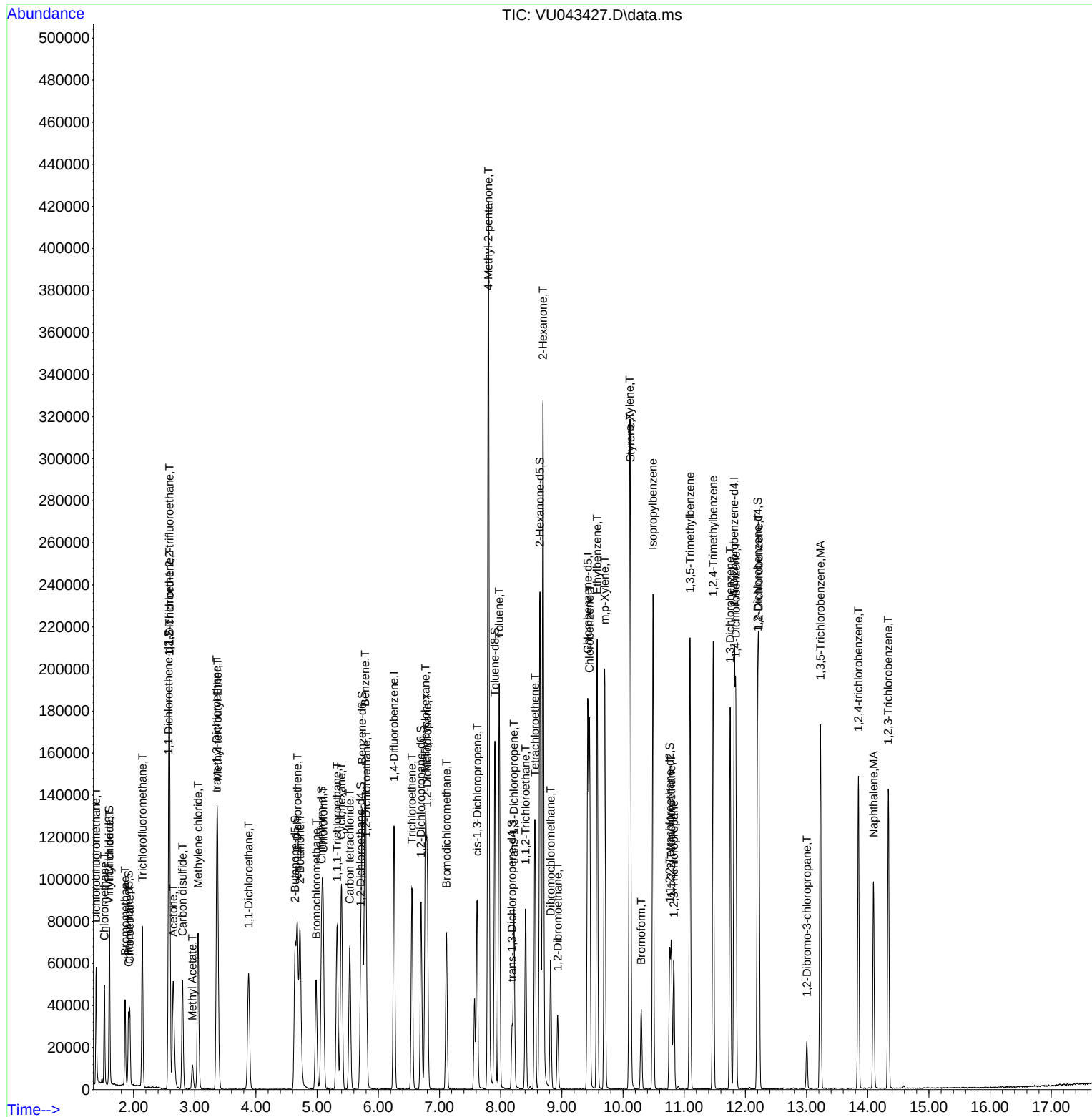
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	45315	4.94	ug/L #	94
29) 1,1,1-Trichloroethane	5.327	97	53526	4.91	ug/L #	91
30) Cyclohexane	5.398	56	44157	4.73	ug/L #	83
31) Carbon tetrachloride	5.533	117	42986	4.73	ug/L	98
33) Benzene	5.784	78	122916	5.20	ug/L	100
34) Trichloroethene	6.549	95	30645	4.71	ug/L	93
35) Methylcyclohexane	6.771	83	40241	4.47	ug/L #	85
37) 1,2-Dichloropropane	6.800	63	36101	5.43	ug/L #	97
38) Bromodichloromethane	7.115	83	45762	5.13	ug/L	97
39) cis-1,3-Dichloropropene	7.616	75	46835	4.82	ug/L	97
40) 4-Methyl-2-pentanone	7.799	43	292554	49.21	ug/L #	82
42) Toluene	7.976	91	130023	4.93	ug/L	96
44) trans-1,3-Dichloropropene	8.217	75	41272	4.51	ug/L	99
45) 1,1,2-Trichloroethane	8.407	97	23441	4.72	ug/L	94
47) Tetrachloroethene	8.562	164	26750	5.19	ug/L	97
48) 2-Hexanone	8.690	43	219265	50.12	ug/L #	82
49) Dibromochloromethane	8.816	129	29365	4.69	ug/L	98
50) 1,2-Dibromoethane	8.931	107	22617	4.58	ug/L #	100
51) Chlorobenzene	9.452	112	81051	4.82	ug/L	93
52) Ethylbenzene	9.578	91	135892	4.50	ug/L	97
53) m,p-Xylene	9.700	106	49668	4.50	ug/L	87
54) o-Xylene	10.108	106	48744	4.45	ug/L	91
55) Styrene	10.121	104	84819	4.52	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.790	83	32596	4.99	ug/L	99
59) Bromoform	10.298	173	16593	4.37	ug/L	96
60) Isopropylbenzene	10.491	105	136924	4.60	ug/L #	96
61) 1,2,3-Trichloropropane	10.832	75	23374	4.87	ug/L	97
62) 1,3,5-Trimethylbenzene	11.095	105	107242	4.40	ug/L	96
63) 1,2,4-Trimethylbenzene	11.475	105	107874	4.31	ug/L	96
64) 1,3-Dichlorobenzene	11.751	146	65677	4.64	ug/L	100
65) 1,4-Dichlorobenzene	11.844	146	64785	4.52	ug/L	98
67) 1,2-Dichlorobenzene	12.221	146	62587	4.56	ug/L	95
68) 1,2-Dibromo-3-chloropr...	13.005	75	5368	4.60	ug/L #	87
69) 1,3,5-Trichlorobenzene	13.227	180	50413	4.35	ug/L	99
70) 1,2,4-trichlorobenzene	13.847	180	40516	4.22	ug/L	97
71) Naphthalene	14.095	128	74005	4.57	ug/L	98
72) 1,2,3-Trichlorobenzene	14.336	180	40408	4.59	ug/L	99

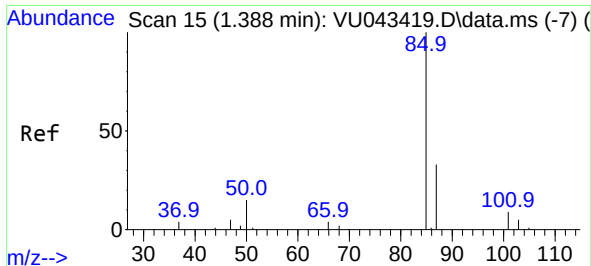
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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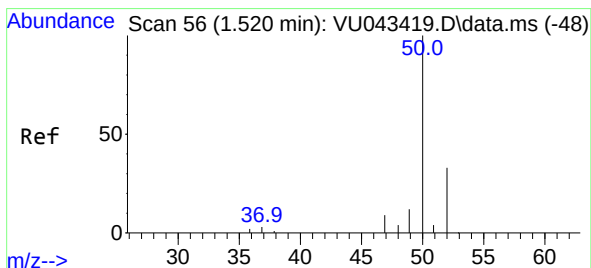
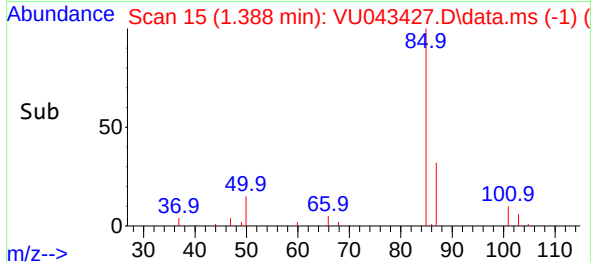
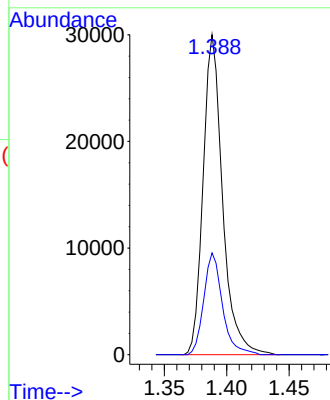
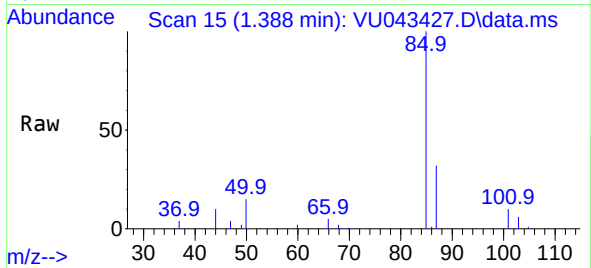




#2
Dichlorodifluoromethane
Concen: 5.58 ug/L
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU043427.D
Acq: 29 Apr 2021 16:02

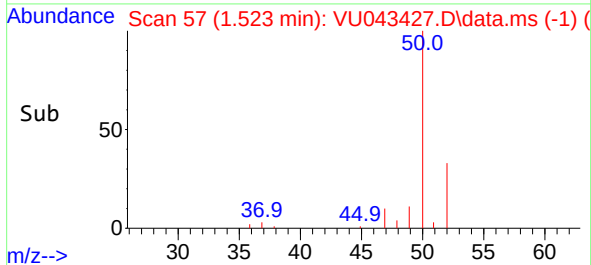
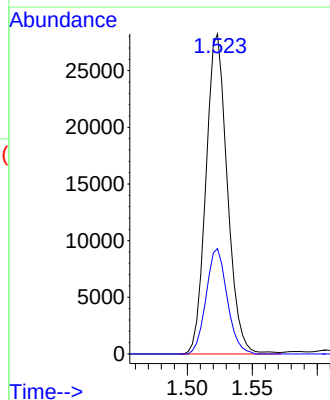
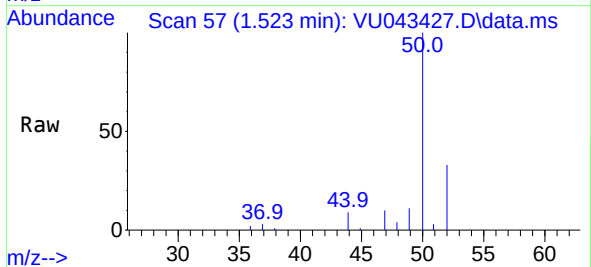
Instrument :
MSVOA_U
ClientSampleId :
H4474MSD

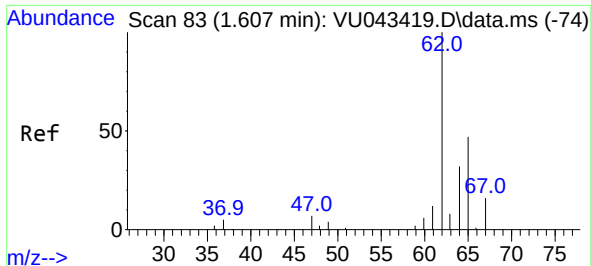
Tgt Ion: 85 Resp: 32477
Ion Ratio Lower Upper
85 100
87 30.6 26.3 39.5



#3
Chloromethane
Concen: 5.64 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU043427.D
Acq: 29 Apr 2021 16:02

Tgt Ion: 50 Resp: 32311
Ion Ratio Lower Upper
50 100
52 32.9 23.6 43.8



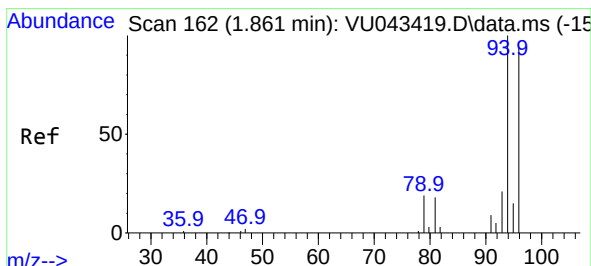
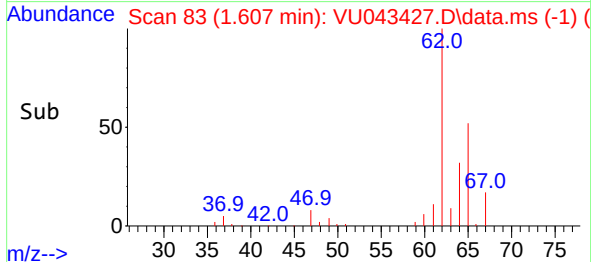
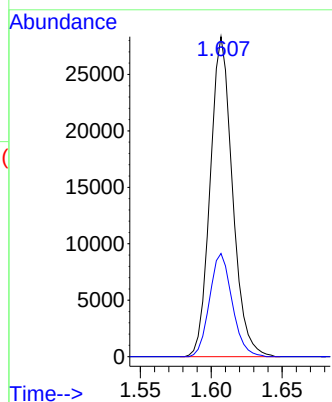
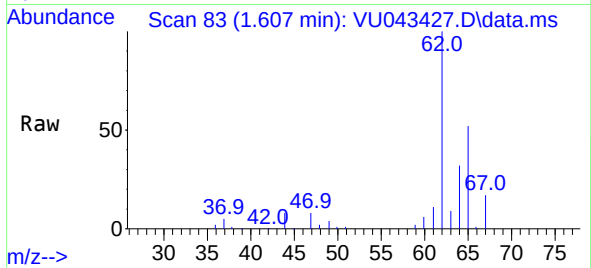


#5
 Vinyl chloride
 Concen: 5.20 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU043427.D
 Acq: 29 Apr 2021 16:02

Instrument :
 MSVOA_U
 ClientSampleId :
 H4474MSD

Tgt Ion: 62 Resp: 31054

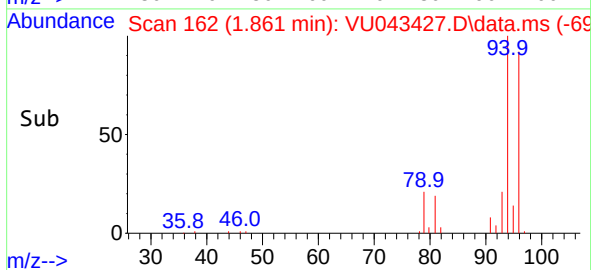
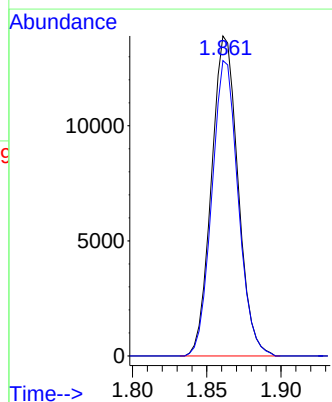
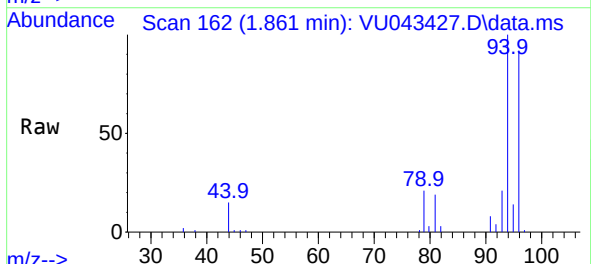
Ion	Ratio	Lower	Upper
62	100		
64	32.2	22.8	42.4

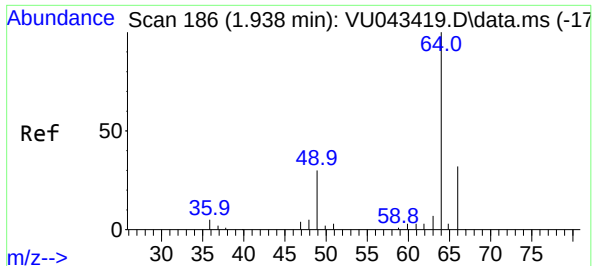


#6
 Bromomethane
 Concen: 4.86 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. -0.000 min
 Lab File: VU043427.D
 Acq: 29 Apr 2021 16:02

Tgt Ion: 94 Resp: 17317

Ion	Ratio	Lower	Upper
94	100		
96	92.3	66.1	122.7

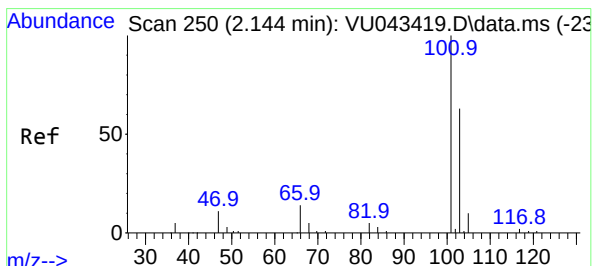
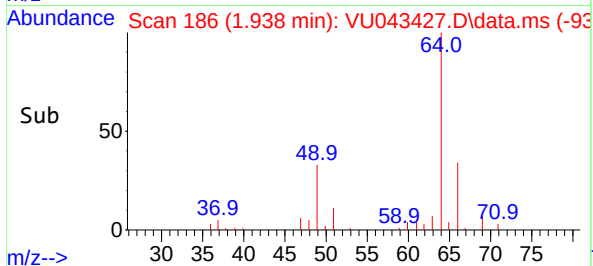
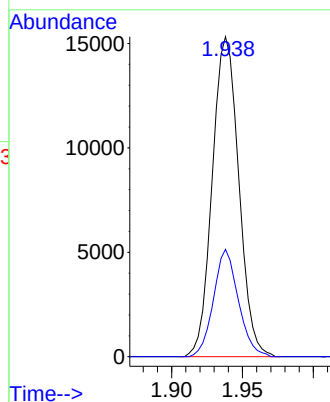
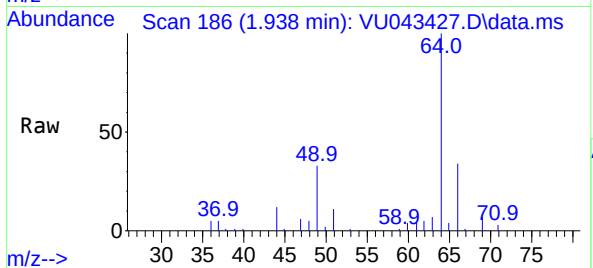




#8
Chloroethane
Concen: 4.63 ug/L
RT: 1.938 min Scan# 186
Delta R.T. -0.000 min
Lab File: VU043427.D
Acq: 29 Apr 2021 16:02

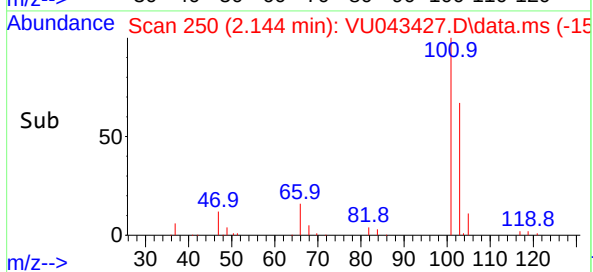
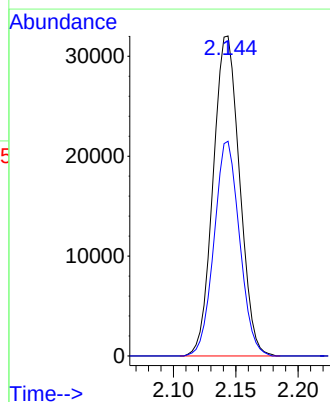
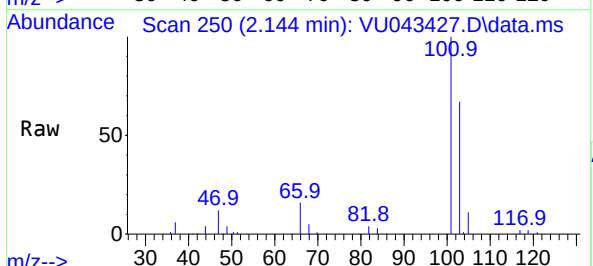
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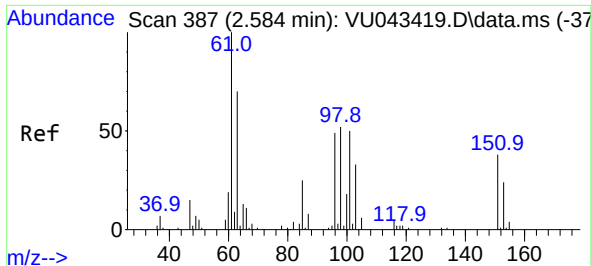
Tgt Ion: 64 Resp: 19932
Ion Ratio Lower Upper
64 100
66 33.5 22.4 41.6



#9
Trichlorofluoromethane
Concen: 4.26 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU043427.D
Acq: 29 Apr 2021 16:02

Tgt Ion:101 Resp: 47334
Ion Ratio Lower Upper
101 100
103 64.8 51.5 77.3

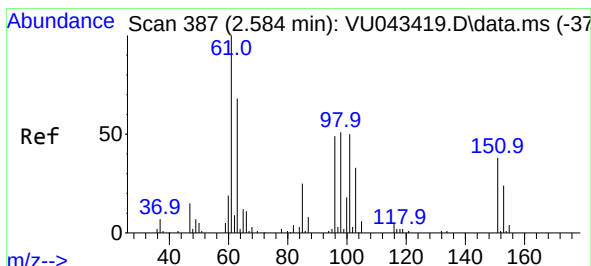
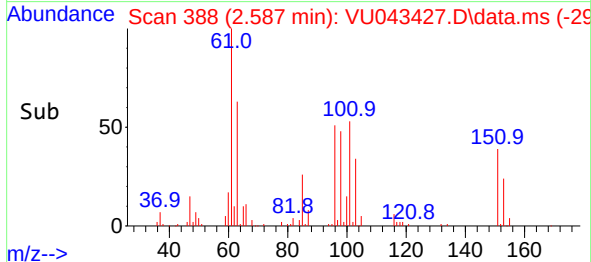
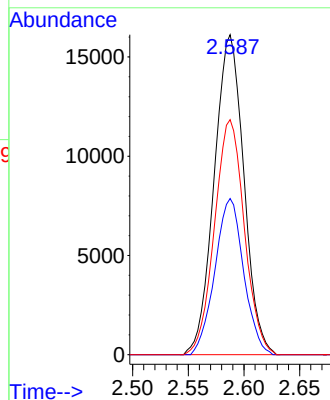
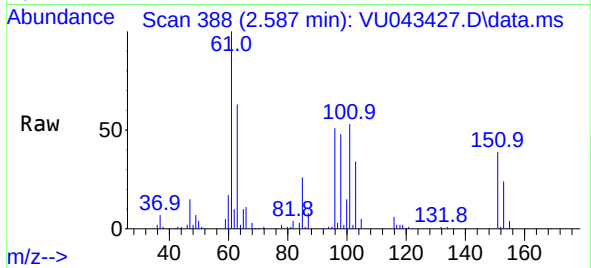




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.98 ug/L
RT: 2.587 min Scan# 388
Delta R.T. 0.003 min
Lab File: VU043427.D
Acq: 29 Apr 2021 16:02

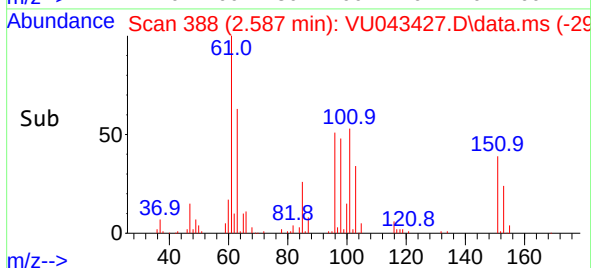
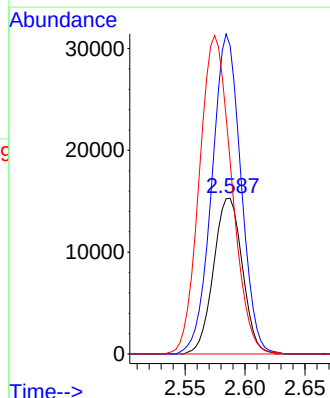
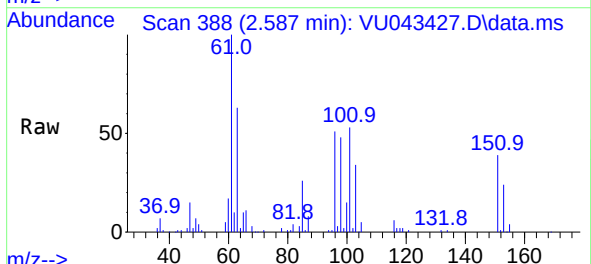
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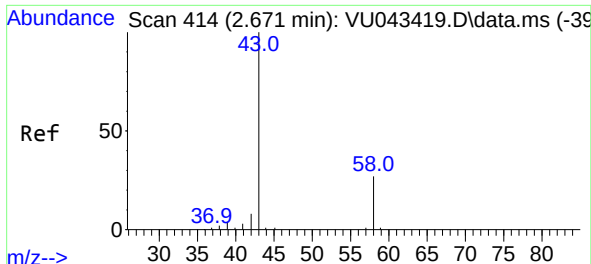
Tgt Ion:101 Resp: 29888
Ion Ratio Lower Upper
101 100
85 47.3 34.5 51.7
151 73.9 57.4 86.2



#12
1,1-Dichloroethene
Concen: 5.05 ug/L
RT: 2.587 min Scan# 388
Delta R.T. 0.003 min
Lab File: VU043427.D
Acq: 29 Apr 2021 16:02

Tgt Ion: 96 Resp: 25514
Ion Ratio Lower Upper
96 100
61 197.9 115.1 213.7
63 123.8 84.1 156.1

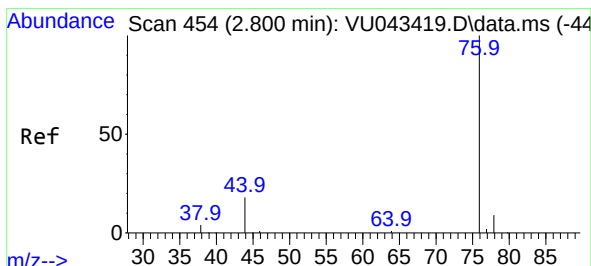
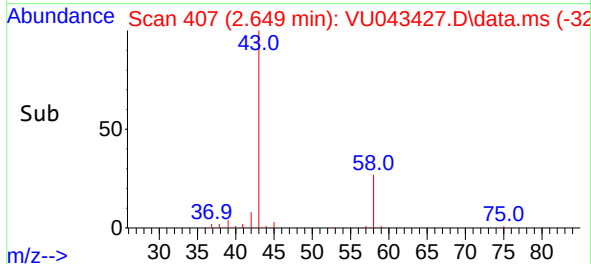
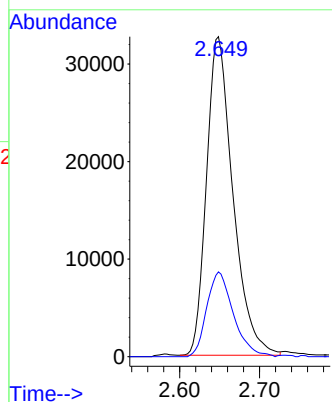
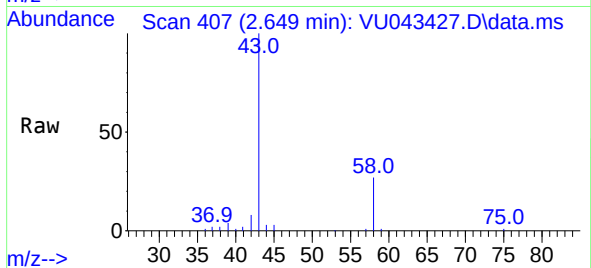




#13
Acetone
Concen: 50.47 ug/L
RT: 2.649 min Scan# 407
Delta R.T. -0.023 min
Lab File: VU043427.D
Acq: 29 Apr 2021 16:02

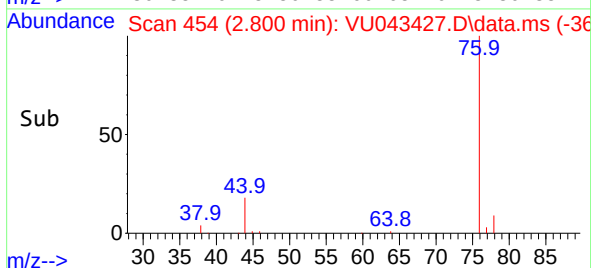
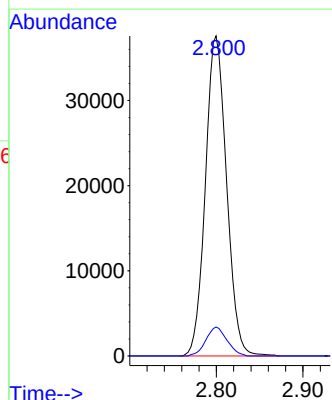
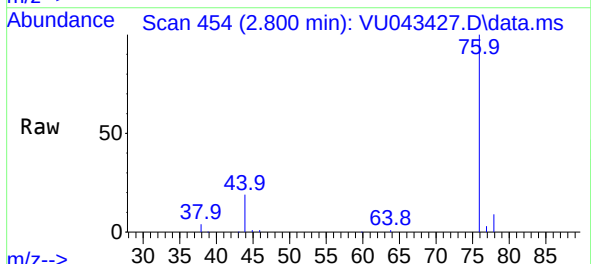
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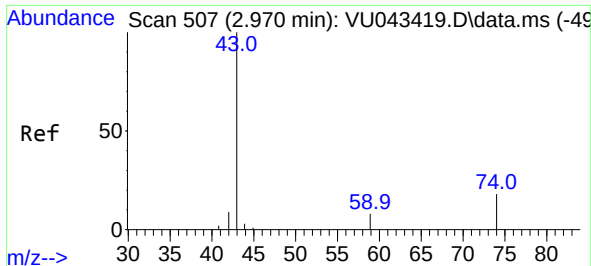
Tgt Ion: 43 Resp: 75144
Ion Ratio Lower Upper
43 100
58 26.8 0.0 25.0#



#14
Carbon disulfide
Concen: 4.95 ug/L
RT: 2.800 min Scan# 454
Delta R.T. -0.000 min
Lab File: VU043427.D
Acq: 29 Apr 2021 16:02

Tgt Ion: 76 Resp: 63781
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3

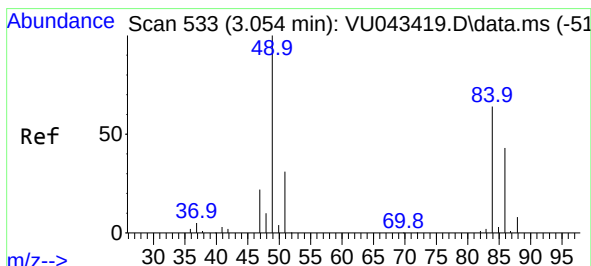
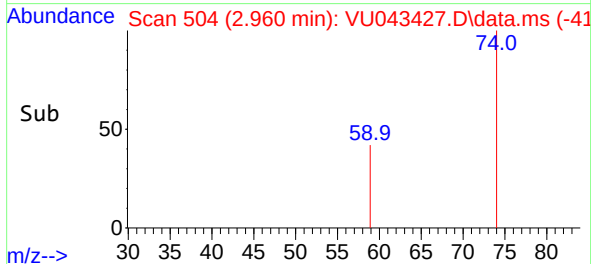
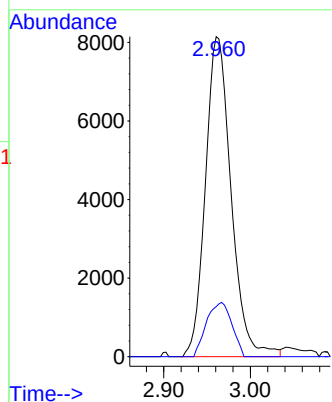
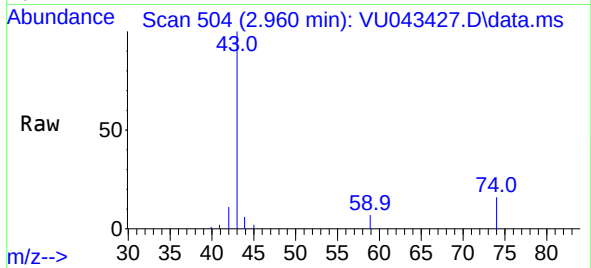




#15
Methyl Acetate
Concen: 6.00 ug/L
RT: 2.960 min Scan# 504
Delta R.T. -0.010 min
Lab File: VU043427.D
Acq: 29 Apr 2021 16:02

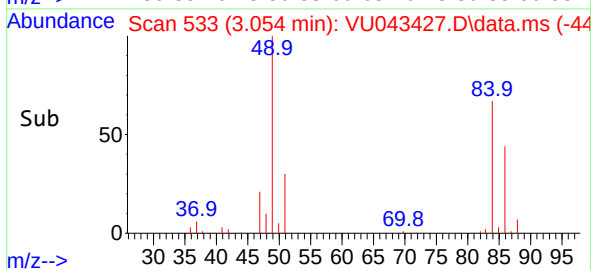
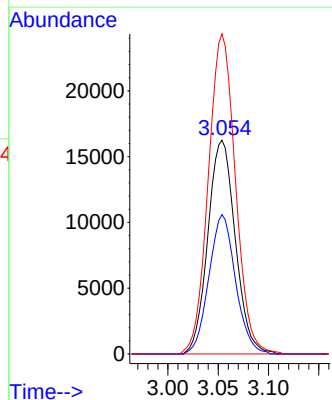
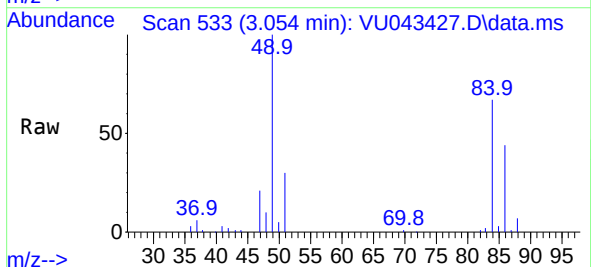
Instrument :
MSVOA_U
ClientSampleId :
H4474MSD

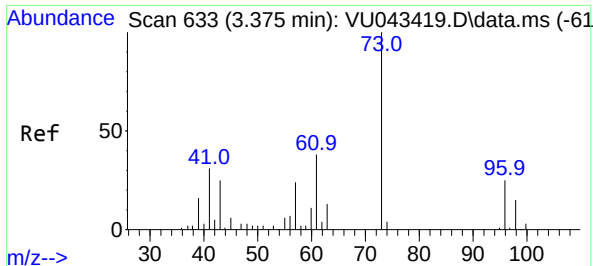
Tgt Ion: 43 Resp: 16785
Ion Ratio Lower Upper
43 100
74 16.7 21.5 32.3#



#16
Methylene chloride
Concen: 4.72 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU043427.D
Acq: 29 Apr 2021 16:02

Tgt Ion: 84 Resp: 30844
Ion Ratio Lower Upper
84 100
86 65.2 44.9 83.5
49 149.7 79.0 146.8#

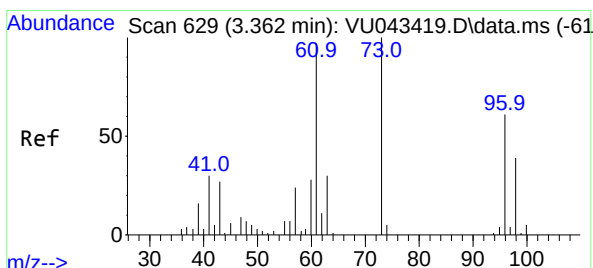
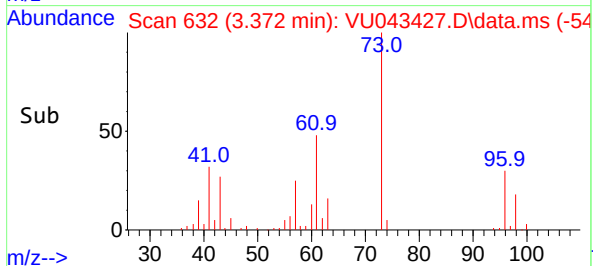
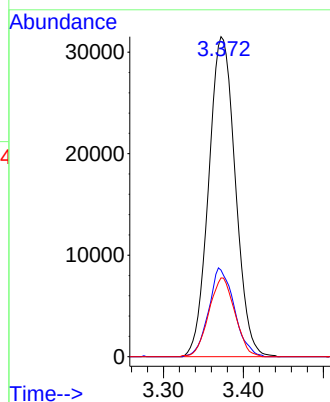
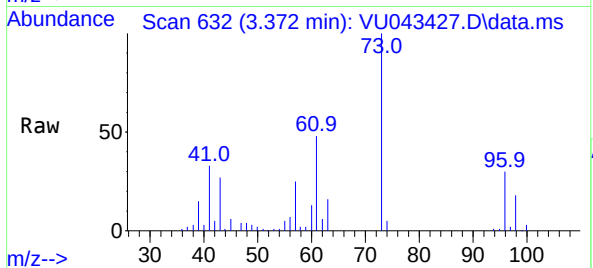




#17
Methyl tert-butyl Ether
Concen: 4.41 ug/L
RT: 3.372 min Scan# 632
Delta R.T. -0.003 min
Lab File: VU043427.D
Acq: 29 Apr 2021 16:02

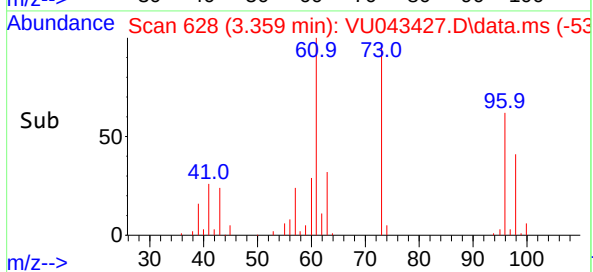
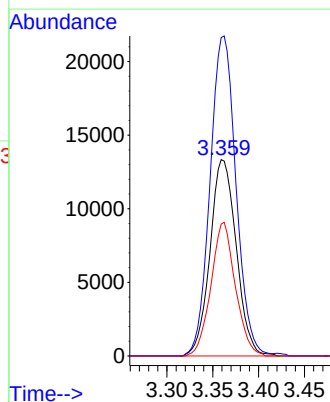
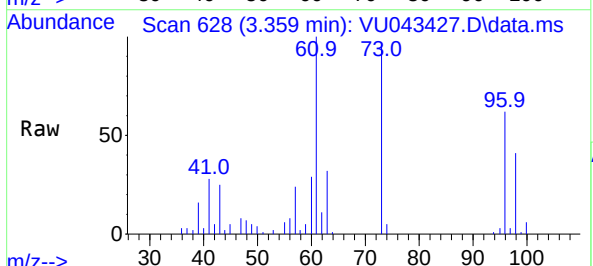
Instrument :
MSVOA_U
ClientSampleId :
H4474MSD

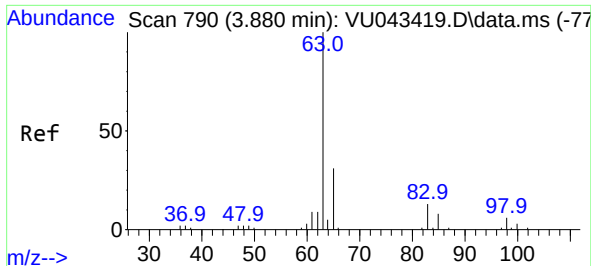
Tgt Ion:	73	Resp:	72828
Ion	Ratio	Lower	Upper
73	100		
43	26.6	15.0	22.4#
57	24.1	17.3	25.9



#18
trans-1,2-Dichloroethene
Concen: 4.93 ug/L
RT: 3.359 min Scan# 628
Delta R.T. -0.003 min
Lab File: VU043427.D
Acq: 29 Apr 2021 16:02

Tgt Ion:	96	Resp:	26566
Ion	Ratio	Lower	Upper
96	100		
61	162.1	96.6	179.4
98	67.1	44.7	82.9

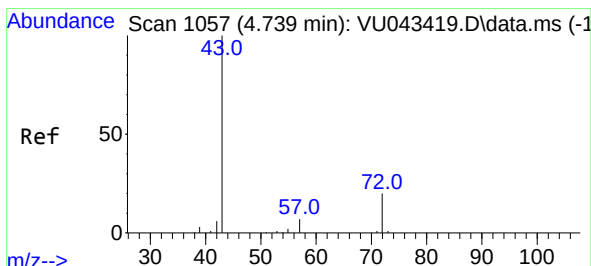
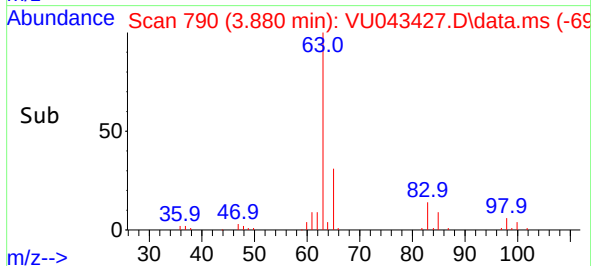
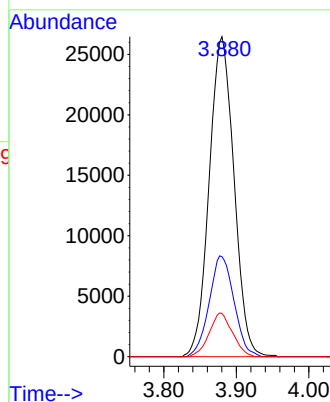
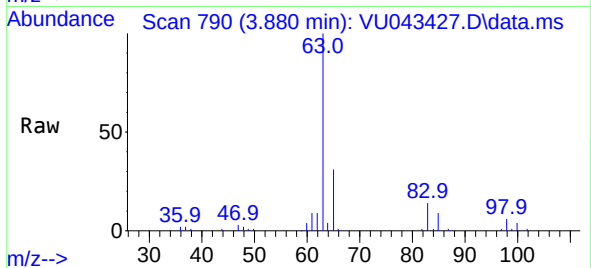




#19
1,1-Dichloroethane
Concen: 5.36 ug/L
RT: 3.880 min Scan# 790
Delta R.T. -0.000 min
Lab File: VU043427.D
Acq: 29 Apr 2021 16:02

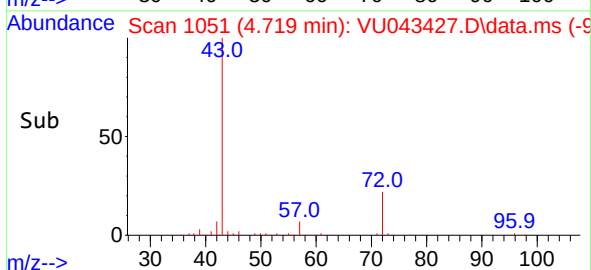
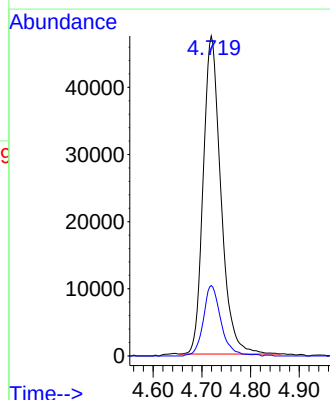
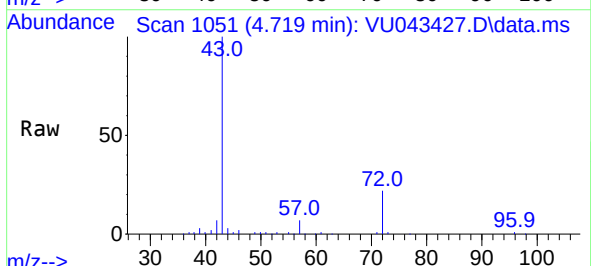
Instrument :
MSVOA_U
ClientSampleId :
H4474MSD

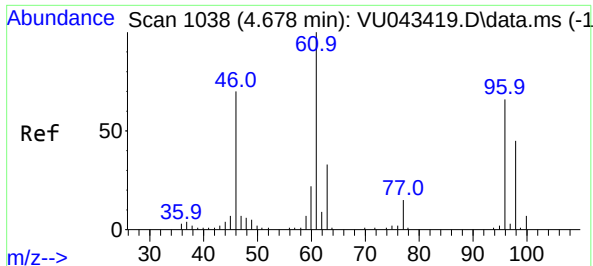
Tgt Ion:	63	Resp:	62832
Ion	Ratio	Lower	Upper
63	100		
65	31.2	23.2	43.0
83	13.5	9.9	18.3



#21
2-Butanone
Concen: 48.63 ug/L
RT: 4.719 min Scan# 1051
Delta R.T. -0.019 min
Lab File: VU043427.D
Acq: 29 Apr 2021 16:02

Tgt Ion:	43	Resp:	119510
Ion	Ratio	Lower	Upper
43	100		
72	22.1	15.8	47.3

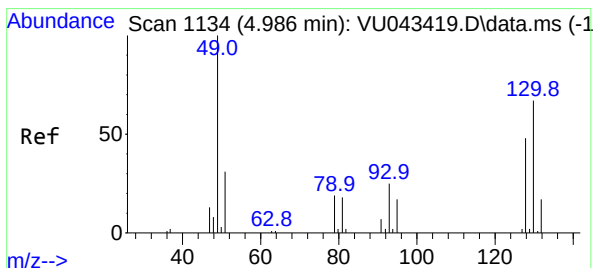
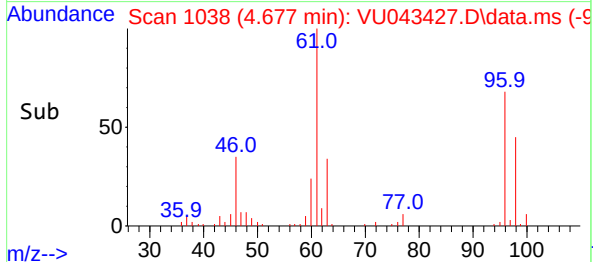
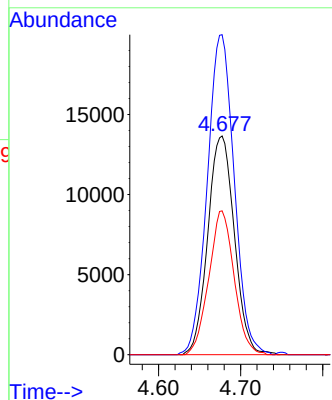
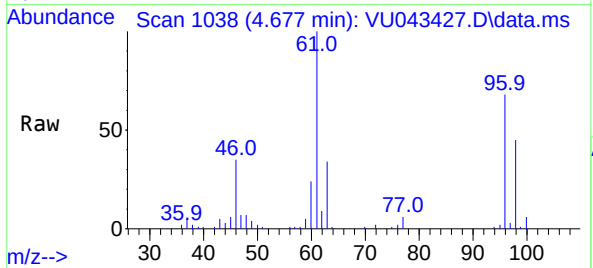




#22
cis-1,2-Dichloroethene
Concen: 4.83 ug/L
RT: 4.677 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VU043427.D
Acq: 29 Apr 2021 16:02

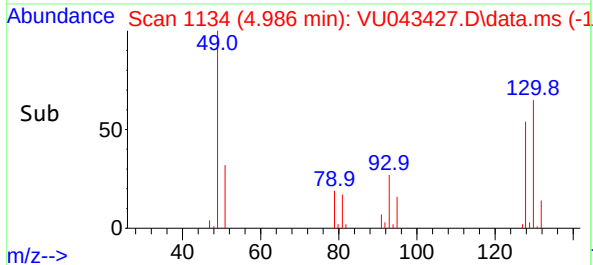
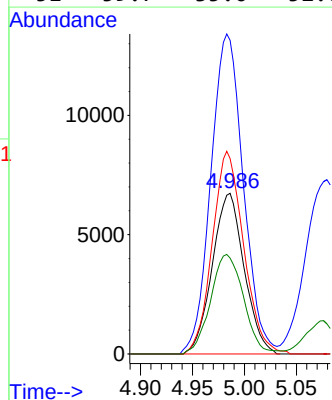
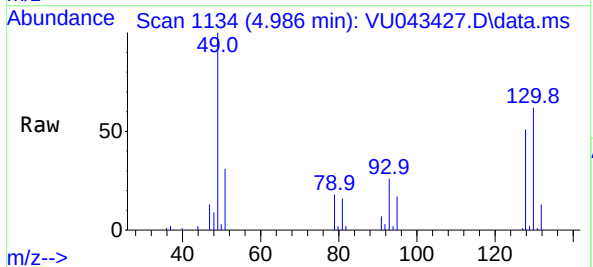
Instrument :
MSVOA_U
ClientSampleId :
H4474MSD

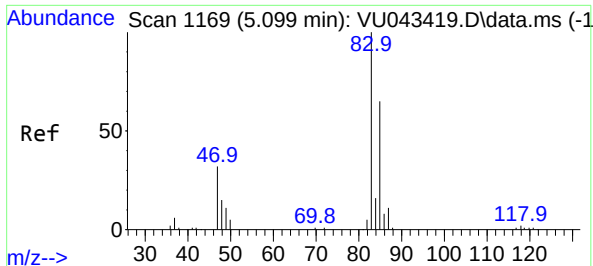
Tgt Ion: 96 Resp: 30818
Ion Ratio Lower Upper
96 100
61 146.3 87.4 162.4
98 65.8 47.7 88.5



#23
Bromochloromethane
Concen: 4.94 ug/L
RT: 4.986 min Scan# 1134
Delta R.T. -0.000 min
Lab File: VU043427.D
Acq: 29 Apr 2021 16:02

Tgt Ion: 128 Resp: 14371
Ion Ratio Lower Upper
128 100
49 195.2 96.4 179.0#
130 121.6 91.2 169.4
51 59.7 35.0 52.6#



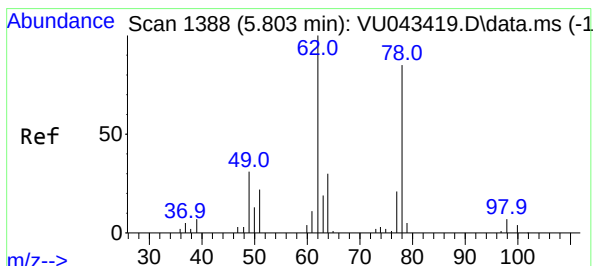
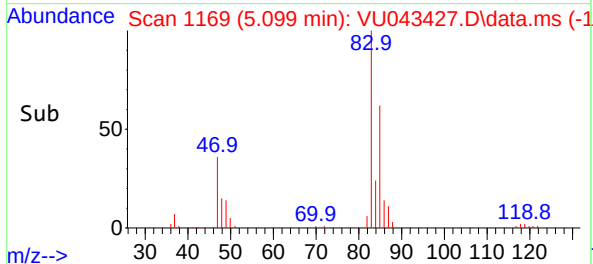
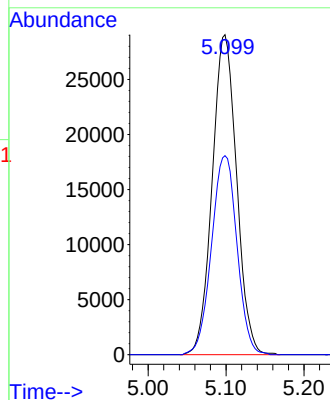
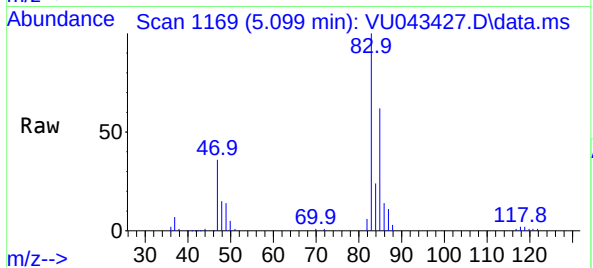


#25

Chloroform
Concen: 5.06 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VU043427.D
Acq: 29 Apr 2021 16:02

Instrument :
MSVOA_U
ClientSampleId :
H4474MSD

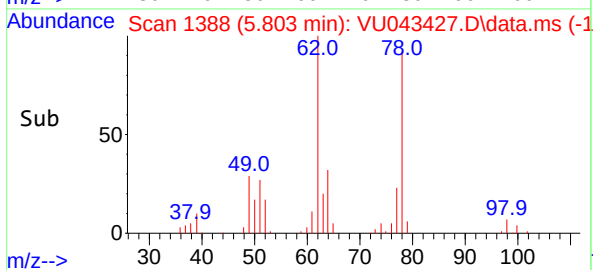
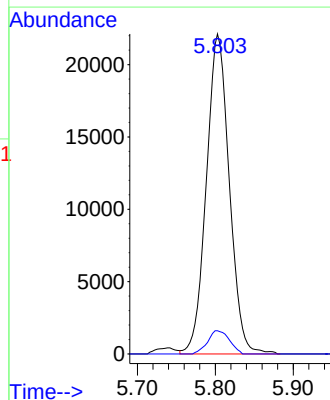
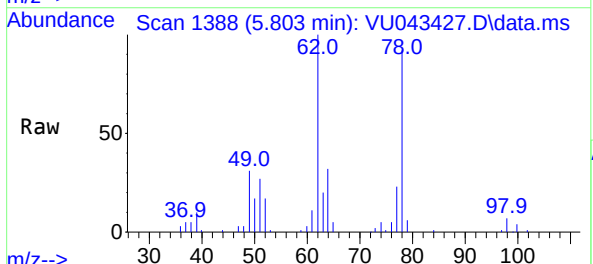
Tgt Ion: 83 Resp: 63253
Ion Ratio Lower Upper
83 100
85 62.2 45.6 84.8

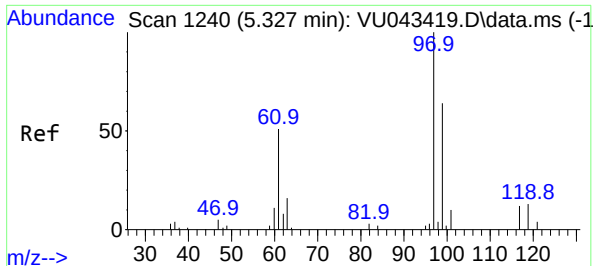


#27

1,2-Dichloroethane
Concen: 4.94 ug/L
RT: 5.803 min Scan# 1388
Delta R.T. -0.000 min
Lab File: VU043427.D
Acq: 29 Apr 2021 16:02

Tgt Ion: 62 Resp: 45315
Ion Ratio Lower Upper
62 100
98 7.2 7.5 11.3#

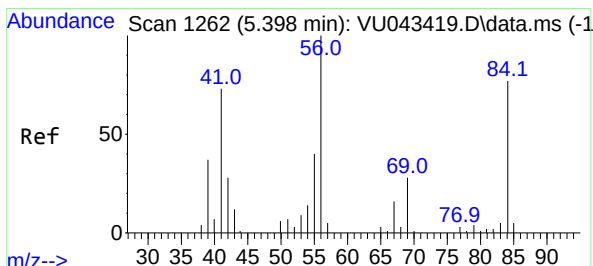
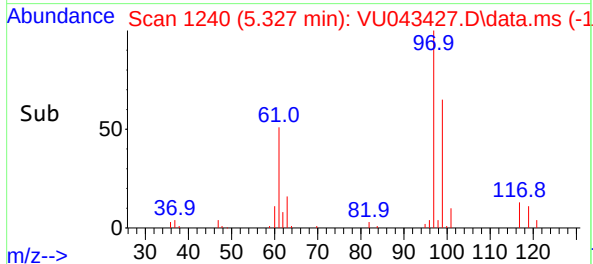
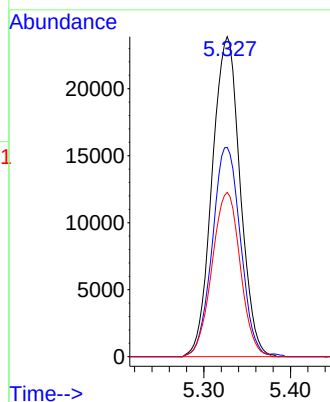
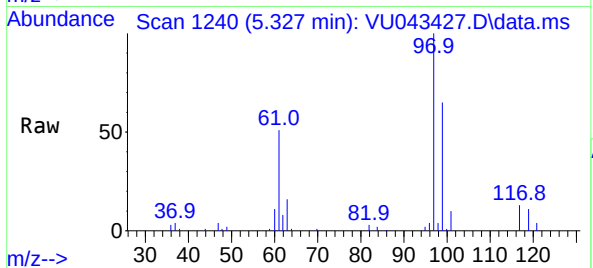




#29
1,1,1-Trichloroethane
Concen: 4.91 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VU043427.D
Acq: 29 Apr 2021 16:02

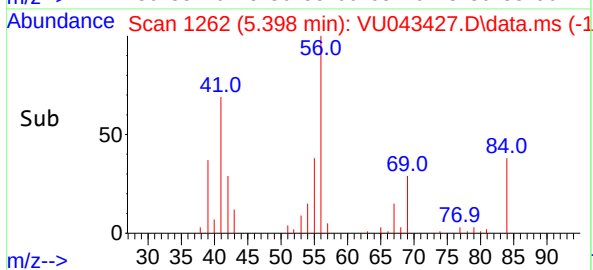
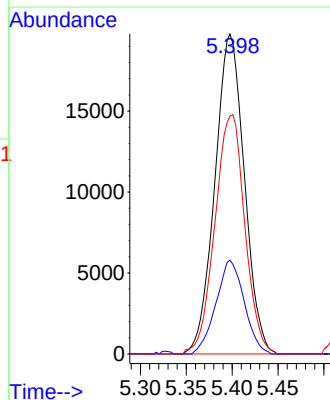
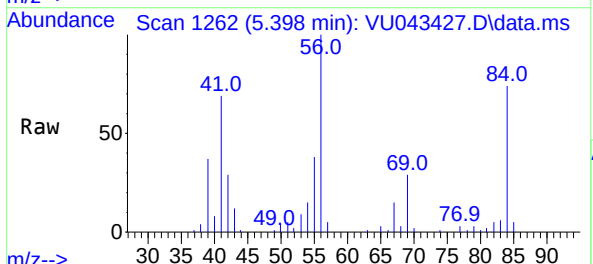
Instrument :
MSVOA_U
ClientSampleId :
H4474MSD

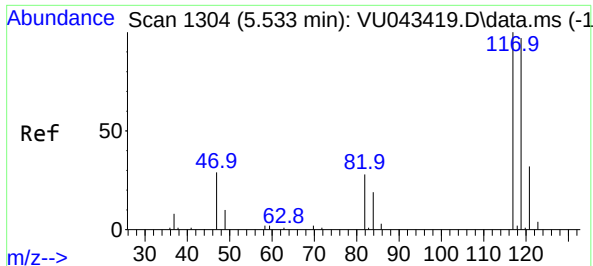
Tgt Ion:	97	Resp:	53526
Ion	Ratio	Lower	Upper
97	100		
99	65.8	50.3	75.5
61	52.0	32.7	49.1#



#30
Cyclohexane
Concen: 4.73 ug/L
RT: 5.398 min Scan# 1262
Delta R.T. -0.000 min
Lab File: VU043427.D
Acq: 29 Apr 2021 16:02

Tgt Ion:	56	Resp:	44157
Ion	Ratio	Lower	Upper
56	100		
69	28.1	25.2	37.8
84	75.8	76.2	114.4#

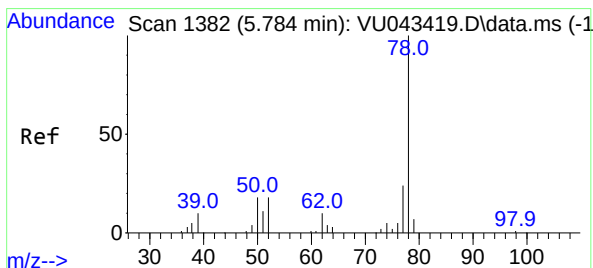
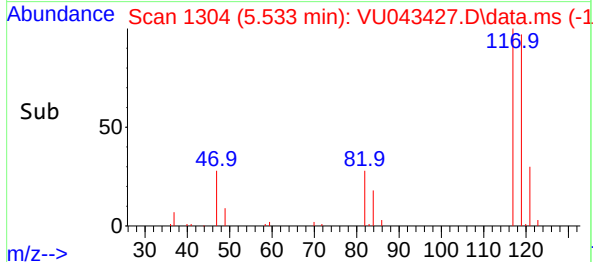
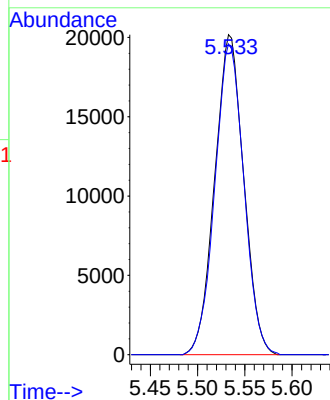
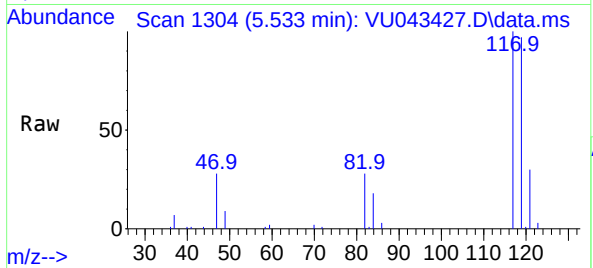




#31
Carbon tetrachloride
Concen: 4.73 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VU043427.D
Acq: 29 Apr 2021 16:02

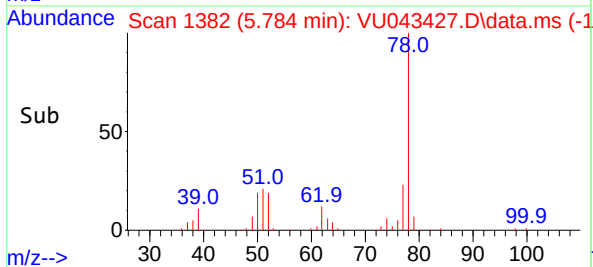
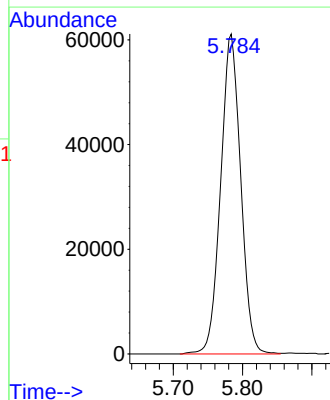
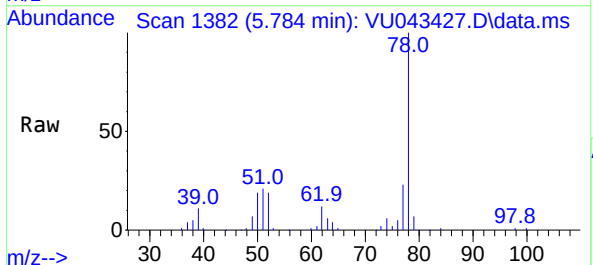
Instrument :
MSVOA_U
ClientSampleId :
H4474MSD

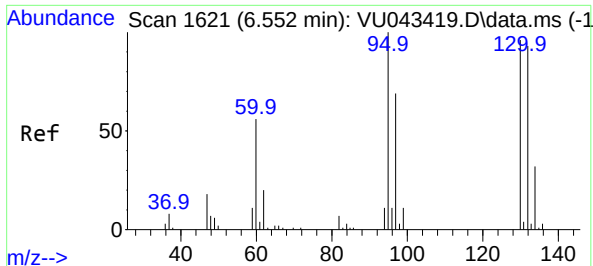
Tgt Ion:117 Resp: 42986
Ion Ratio Lower Upper
117 100
119 97.2 76.2 114.4



#33
Benzene
Concen: 5.20 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VU043427.D
Acq: 29 Apr 2021 16:02

Tgt Ion: 78 Resp: 122916



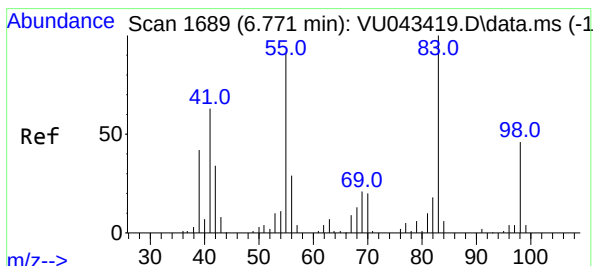
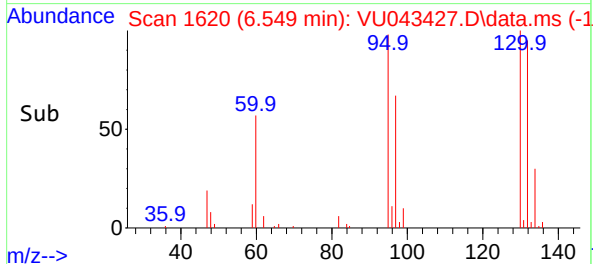
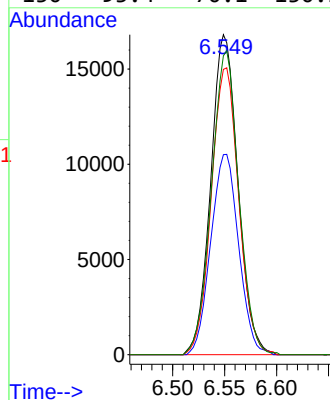
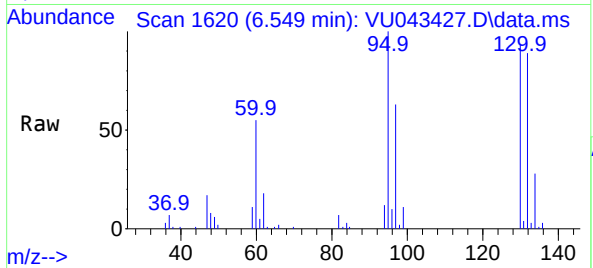


#34
Trichloroethene
Concen: 4.71 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.003 min
Lab File: VU043427.D
Acq: 29 Apr 2021 16:02

Instrument :
MSVOA_U
ClientSampleId :
H4474MSD

Tgt Ion: 95 Resp: 30645

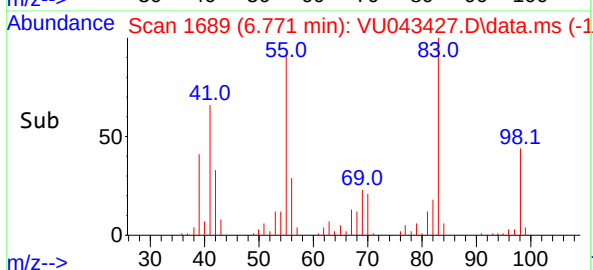
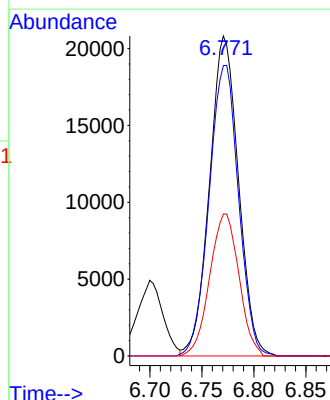
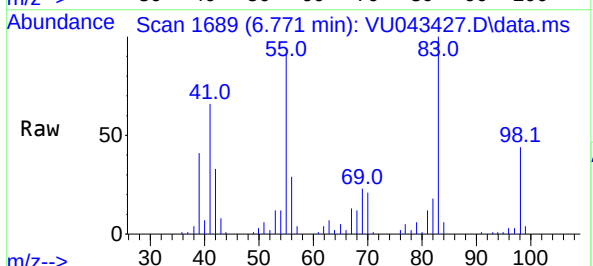
Ion	Ratio	Lower	Upper
95	100		
97	62.5	45.8	85.2
132	89.1	68.7	127.7
130	93.4	70.1	130.3

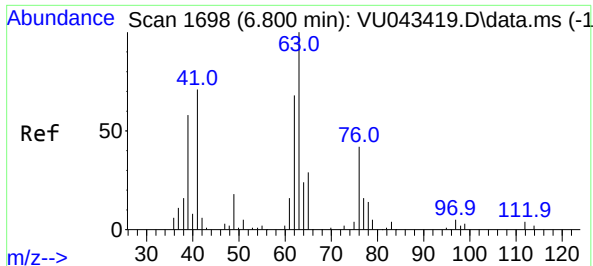


#35
Methylcyclohexane
Concen: 4.47 ug/L
RT: 6.771 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VU043427.D
Acq: 29 Apr 2021 16:02

Tgt Ion: 83 Resp: 40241

Ion	Ratio	Lower	Upper
83	100		
55	92.6	59.5	89.3#
98	44.9	37.9	56.9

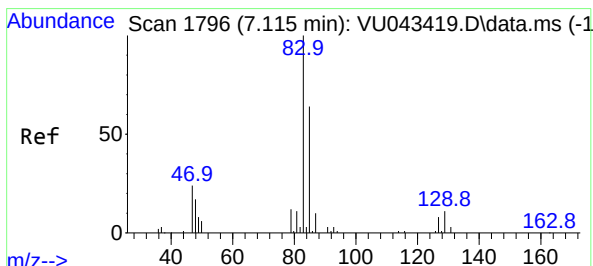
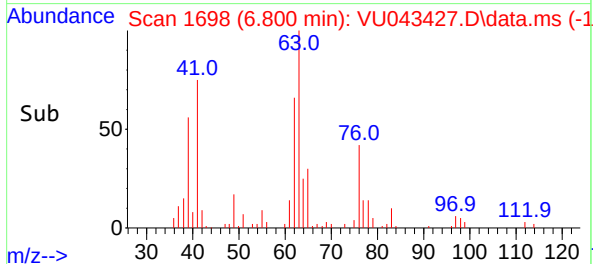
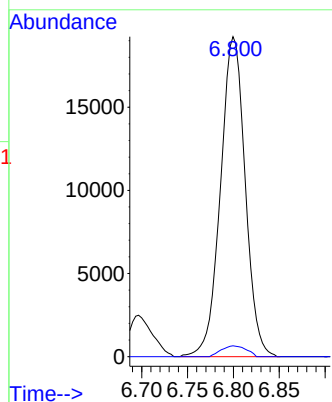
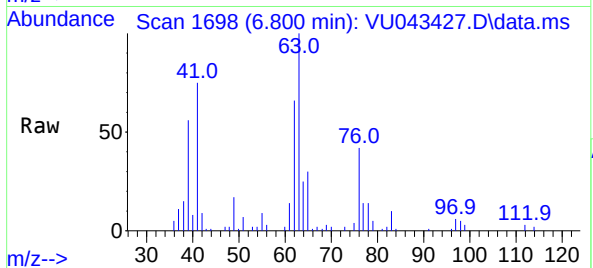




#37
1,2-Dichloropropane
Concen: 5.43 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VU043427.D
Acq: 29 Apr 2021 16:02

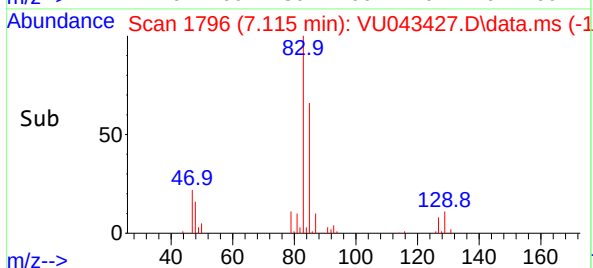
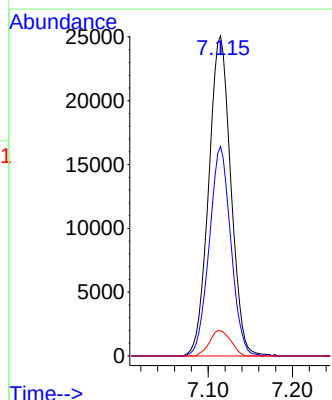
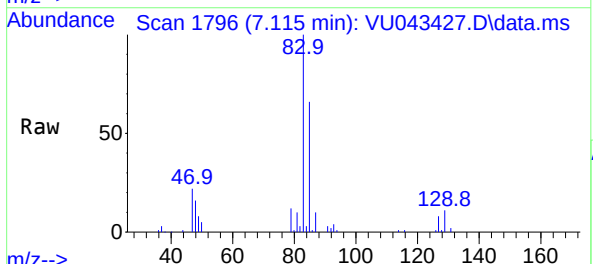
Instrument :
MSVOA_U
ClientSampleId :
H4474MSD

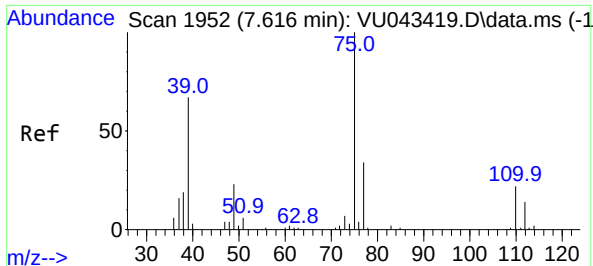
Tgt Ion: 63 Resp: 36101
Ion Ratio Lower Upper
63 100
112 3.4 3.5 5.3#



#38
Bromodichloromethane
Concen: 5.13 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VU043427.D
Acq: 29 Apr 2021 16:02

Tgt Ion: 83 Resp: 45762
Ion Ratio Lower Upper
83 100
85 65.5 44.6 82.8
127 7.9 7.4 11.2

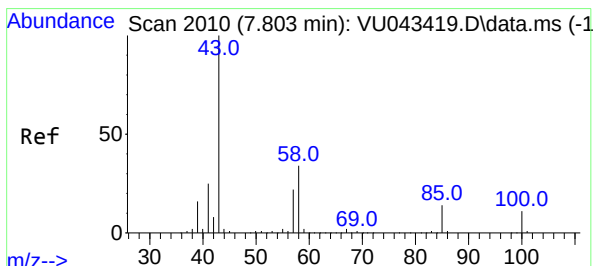
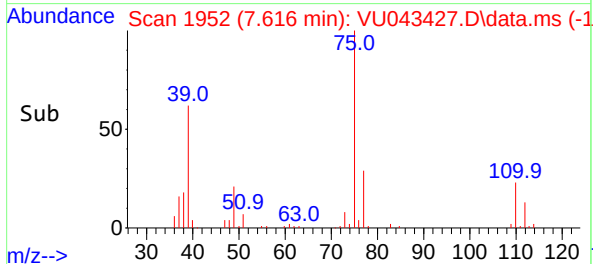
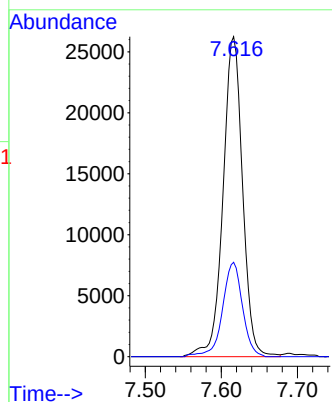
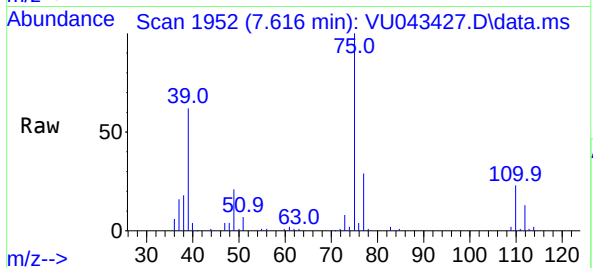




#39
cis-1,3-Dichloropropene
Concen: 4.82 ug/L
RT: 7.616 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VU043427.D
Acq: 29 Apr 2021 16:02

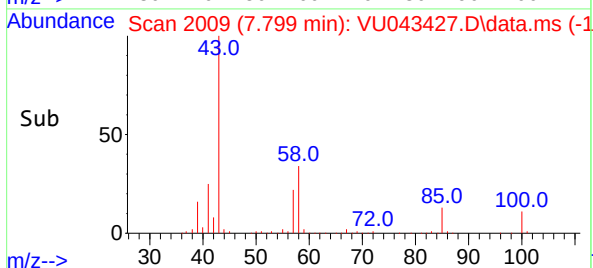
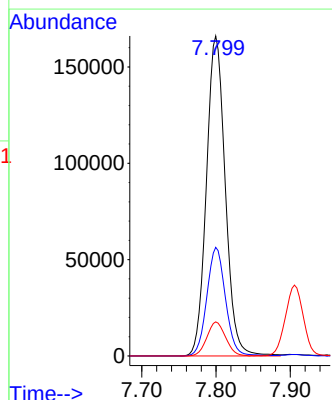
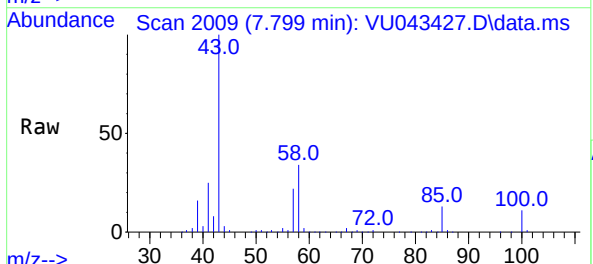
Instrument :
MSVOA_U
ClientSampleId :
H4474MSD

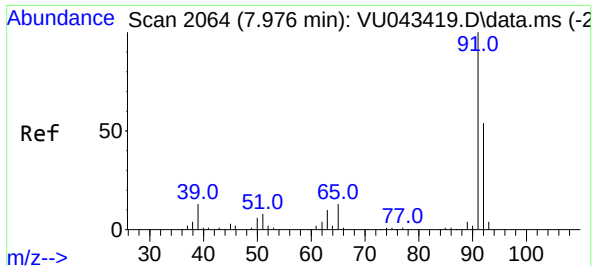
Tgt Ion: 75 Resp: 46835
Ion Ratio Lower Upper
75 100
77 29.5 21.8 40.6



#40
4-Methyl-2-pentanone
Concen: 49.21 ug/L
RT: 7.799 min Scan# 2009
Delta R.T. -0.003 min
Lab File: VU043427.D
Acq: 29 Apr 2021 16:02

Tgt Ion: 43 Resp: 292554
Ion Ratio Lower Upper
43 100
58 33.6 35.8 53.6#
100 10.6 15.1 22.7#

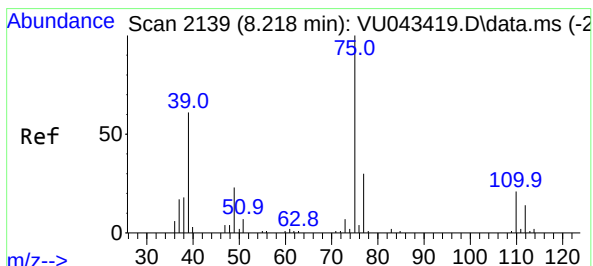
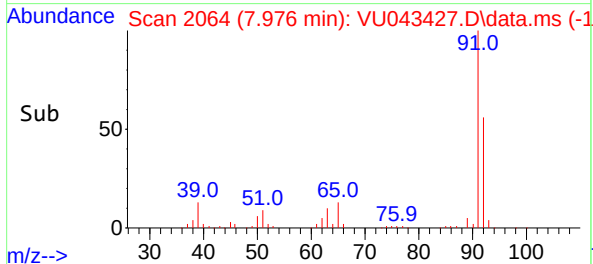
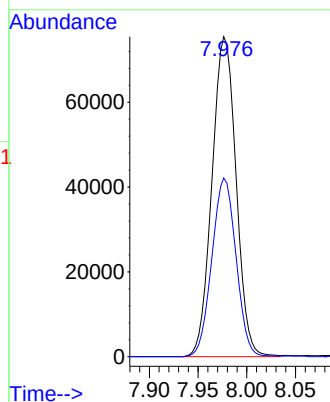
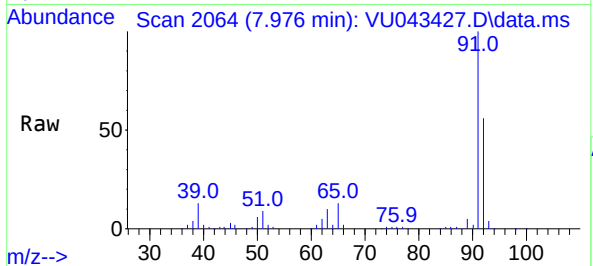




#42
Toluene
Concen: 4.93 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU043427.D
Acq: 29 Apr 2021 16:02

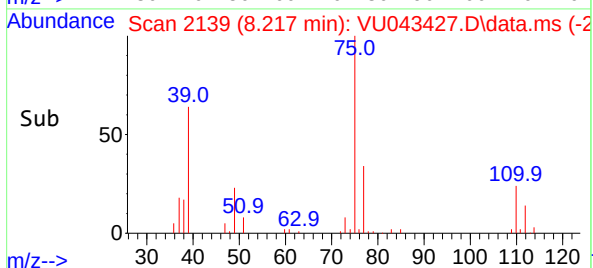
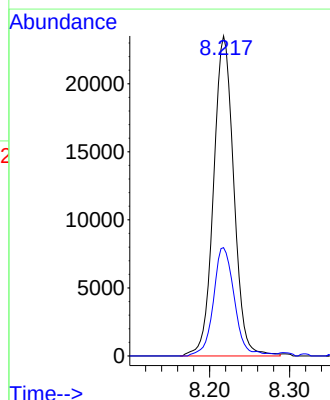
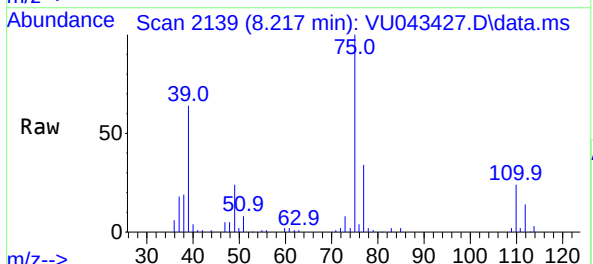
Instrument :
MSVOA_U
ClientSampleId :
H4474MSD

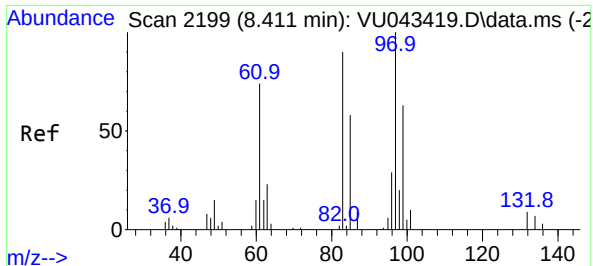
Tgt Ion: 91 Resp: 130023
Ion Ratio Lower Upper
91 100
92 55.9 40.9 76.0



#44
trans-1,3-Dichloropropene
Concen: 4.51 ug/L
RT: 8.217 min Scan# 2139
Delta R.T. -0.000 min
Lab File: VU043427.D
Acq: 29 Apr 2021 16:02

Tgt Ion: 75 Resp: 41272
Ion Ratio Lower Upper
75 100
77 33.9 23.4 43.4





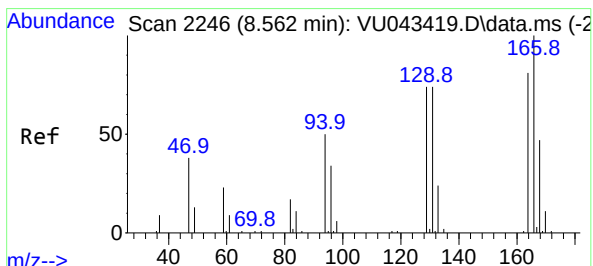
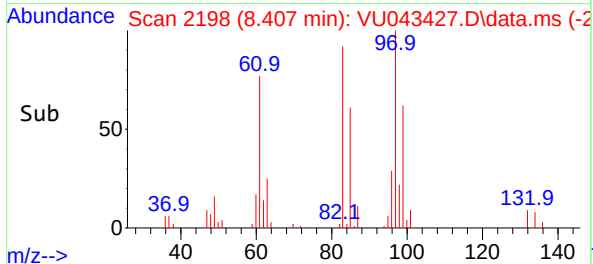
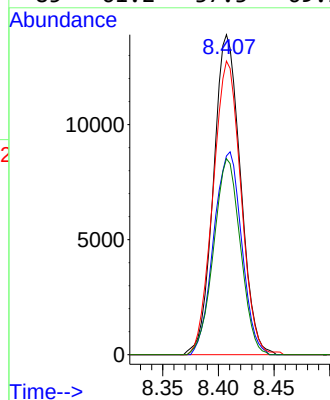
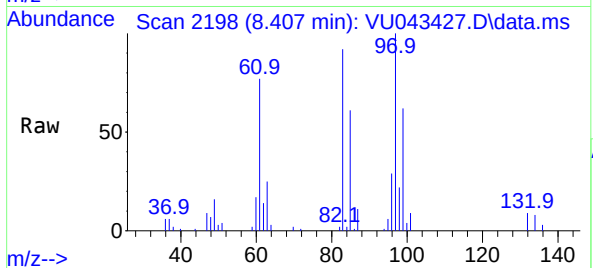
#45

1,1,2-Trichloroethane
Concen: 4.72 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. -0.003 min
Lab File: VU043427.D
Acq: 29 Apr 2021 16:02

Instrument :
MSVOA_U
ClientSampleId :
H4474MSD

Tgt Ion: 97 Resp: 23441

Ion	Ratio	Lower	Upper
97	100		
99	62.1	44.2	82.0
83	91.7	60.1	111.7
85	61.2	37.3	69.3

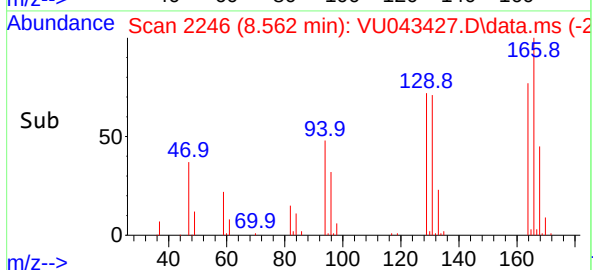
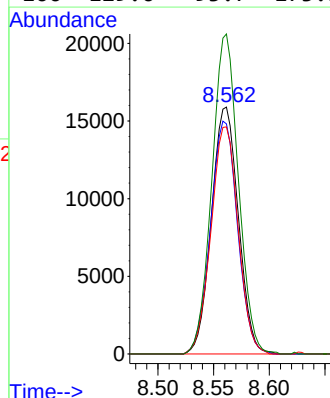
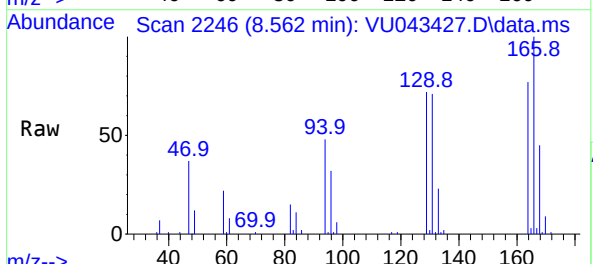


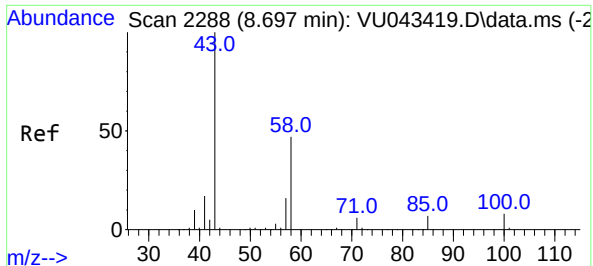
#47

Tetrachloroethene
Concen: 5.19 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VU043427.D
Acq: 29 Apr 2021 16:02

Tgt Ion: 164 Resp: 26750

Ion	Ratio	Lower	Upper
164	100		
129	93.2	66.6	123.8
131	92.0	65.9	122.3
166	129.6	93.7	173.9



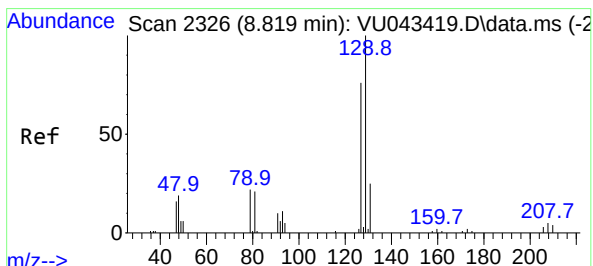
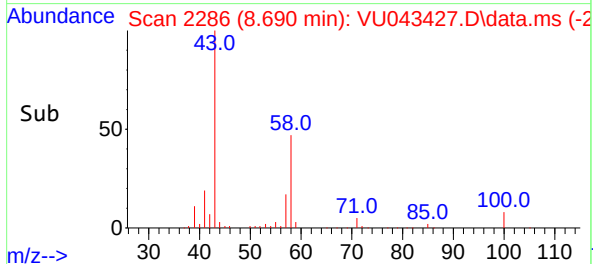
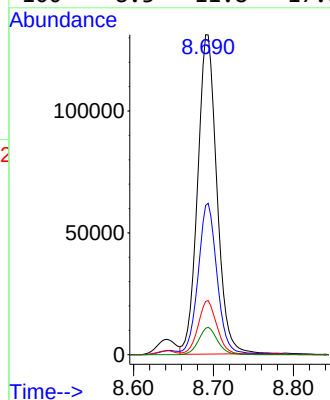
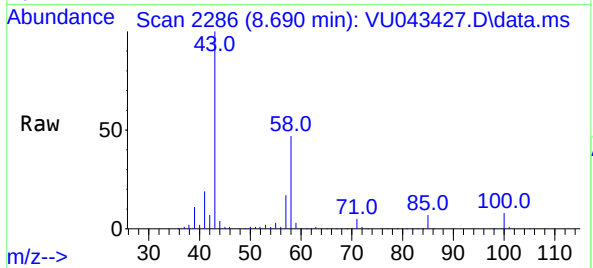


#48
2-Hexanone
Concen: 50.12 ug/L
RT: 8.690 min Scan# 2286
Delta R.T. -0.007 min
Lab File: VU043427.D
Acq: 29 Apr 2021 16:02

Instrument :
MSVOA_U
ClientSampled :
H4474MSD

Tgt Ion: 43 Resp: 219265

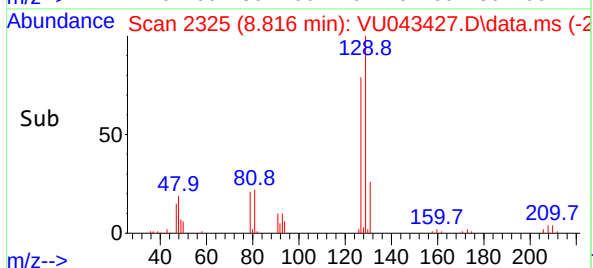
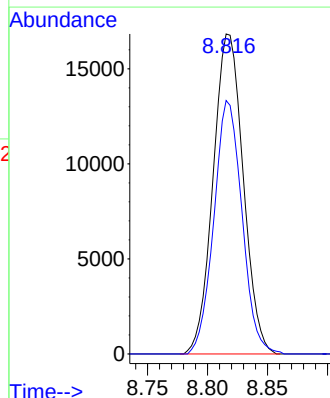
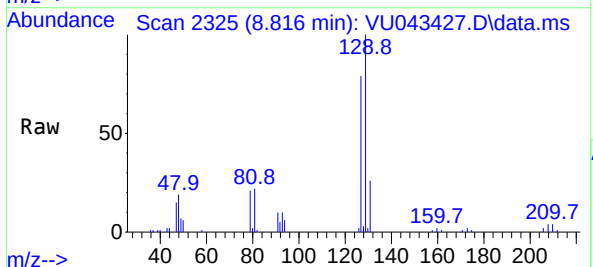
Ion	Ratio	Lower	Upper
43	100		
58	46.8	50.0	75.0#
57	16.7	17.4	26.0#
100	8.3	11.8	17.8#

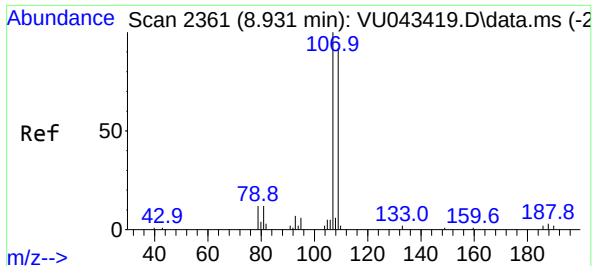


#49
Dibromochloromethane
Concen: 4.69 ug/L
RT: 8.816 min Scan# 2325
Delta R.T. -0.003 min
Lab File: VU043427.D
Acq: 29 Apr 2021 16:02

Tgt Ion: 129 Resp: 29365

Ion	Ratio	Lower	Upper
129	100		
127	79.2	56.6	105.2



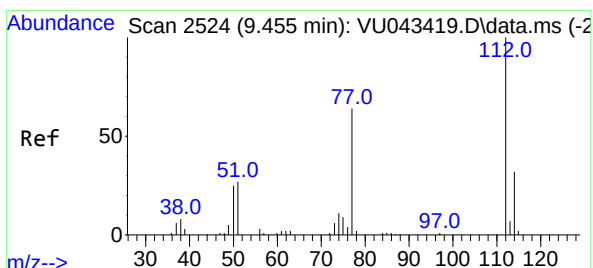
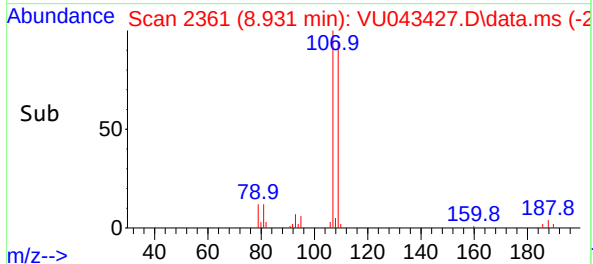
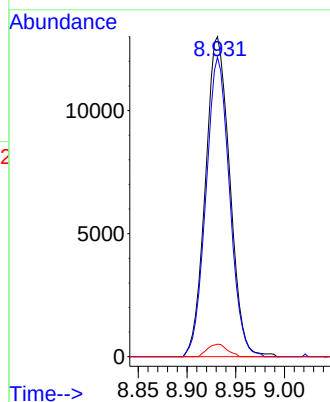
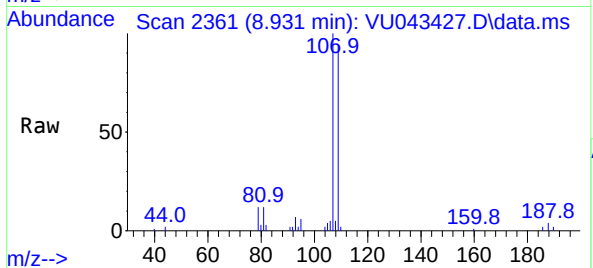


#50
1,2-Dibromoethane
Concen: 4.58 ug/L
RT: 8.931 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VU043427.D
Acq: 29 Apr 2021 16:02

Instrument :
MSVOA_U
ClientSampleId :
H4474MSD

Tgt Ion:107 Resp: 22617

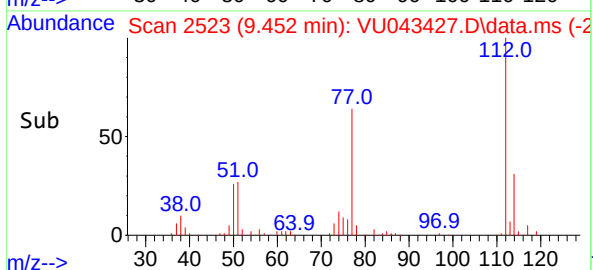
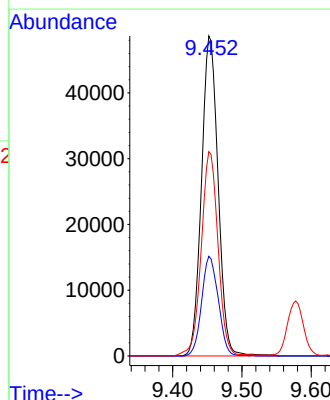
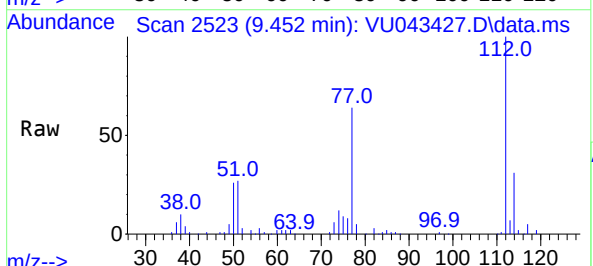
Ion	Ratio	Lower	Upper
107	100		
109	93.6	65.4	121.4
188	3.9	2.5	3.7#

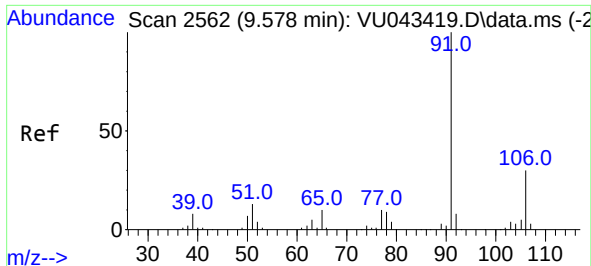


#51
Chlorobenzene
Concen: 4.82 ug/L
RT: 9.452 min Scan# 2523
Delta R.T. -0.003 min
Lab File: VU043427.D
Acq: 29 Apr 2021 16:02

Tgt Ion:112 Resp: 81051

Ion	Ratio	Lower	Upper
112	100		
114	31.1	21.9	40.7
77	63.9	45.1	67.7

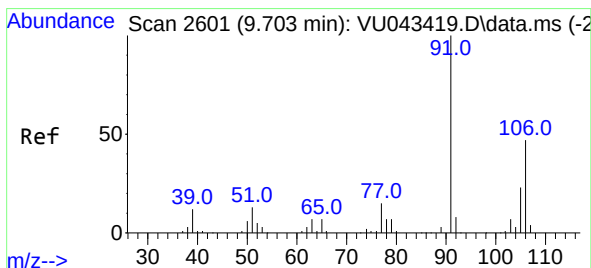
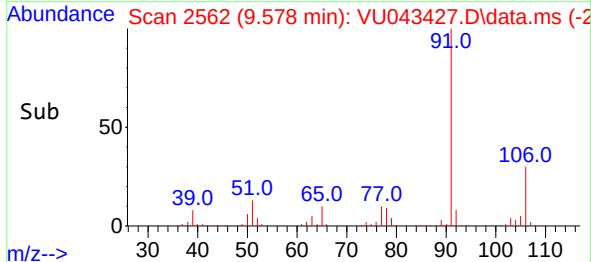
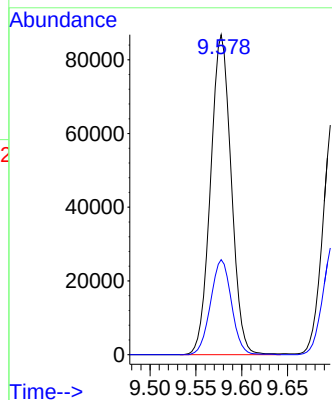
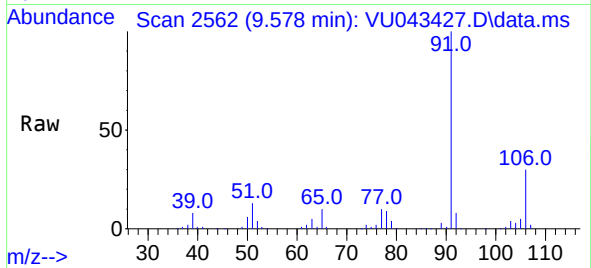




#52
Ethylbenzene
Concen: 4.50 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. -0.000 min
Lab File: VU043427.D
Acq: 29 Apr 2021 16:02

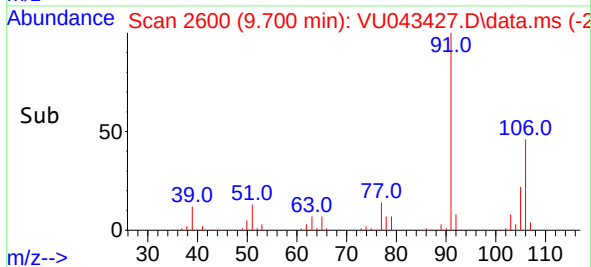
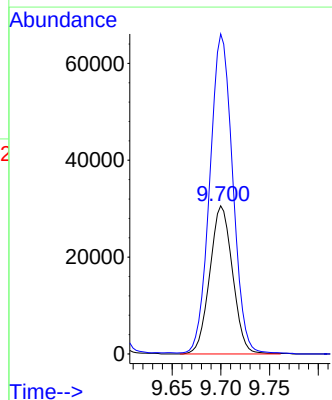
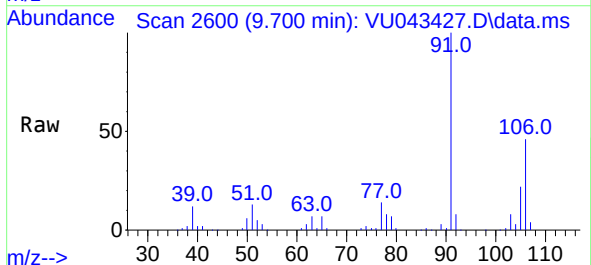
Instrument :
MSVOA_U
ClientSampleId :
H4474MSD

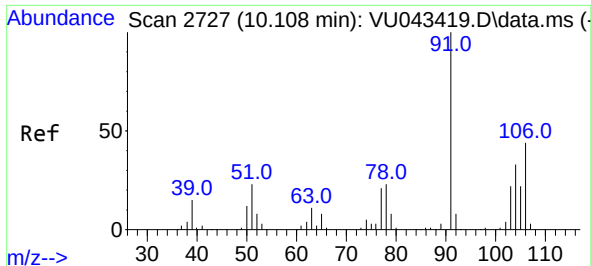
Tgt Ion: 91 Resp: 135892
Ion Ratio Lower Upper
91 100
106 29.7 22.0 40.8



#53
m,p-Xylene
Concen: 4.50 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. -0.003 min
Lab File: VU043427.D
Acq: 29 Apr 2021 16:02

Tgt Ion: 106 Resp: 49668
Ion Ratio Lower Upper
106 100
91 215.9 137.6 255.6

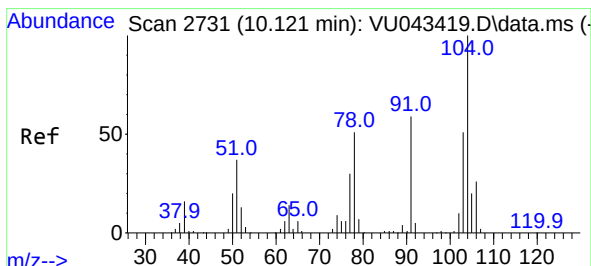
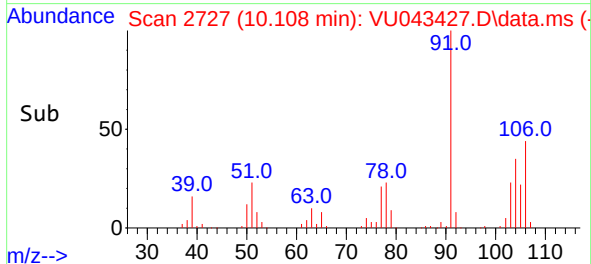
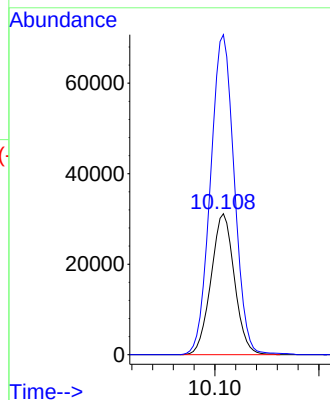
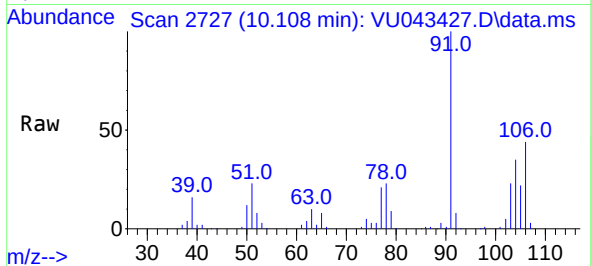




#54
o-Xylene
Concen: 4.45 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. -0.000 min
Lab File: VU043427.D
Acq: 29 Apr 2021 16:02

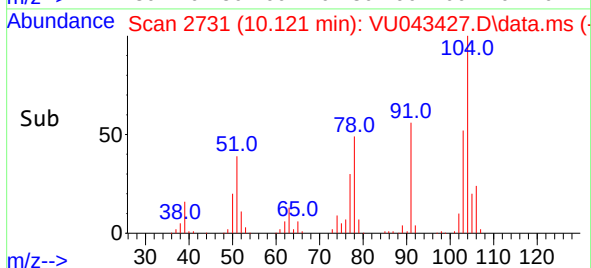
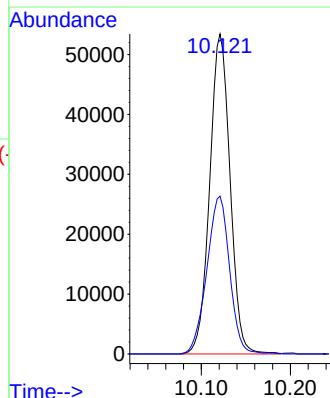
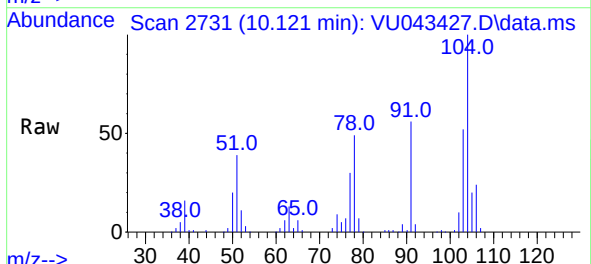
Instrument :
MSVOA_U
ClientSampleId :
H4474MSD

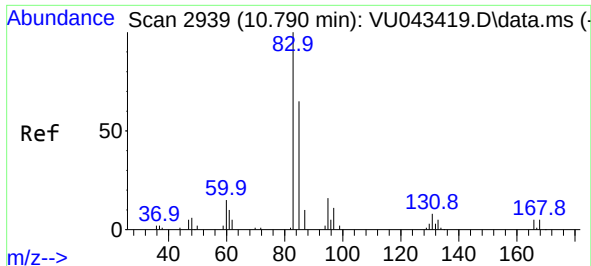
Tgt Ion:106 Resp: 48744
Ion Ratio Lower Upper
106 100
91 227.0 148.5 275.9



#55
Styrene
Concen: 4.52 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. -0.000 min
Lab File: VU043427.D
Acq: 29 Apr 2021 16:02

Tgt Ion:104 Resp: 84819
Ion Ratio Lower Upper
104 100
78 49.3 32.3 60.1

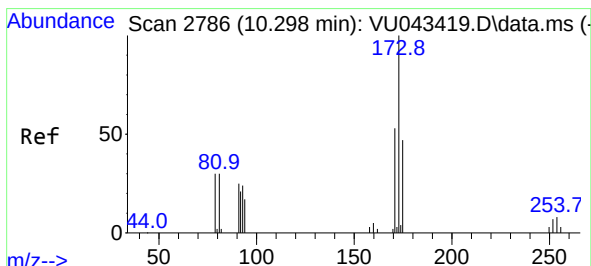
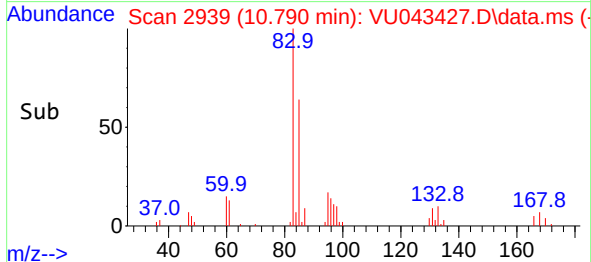
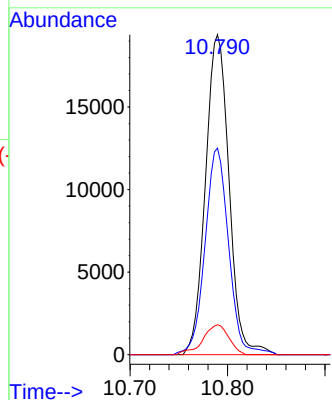
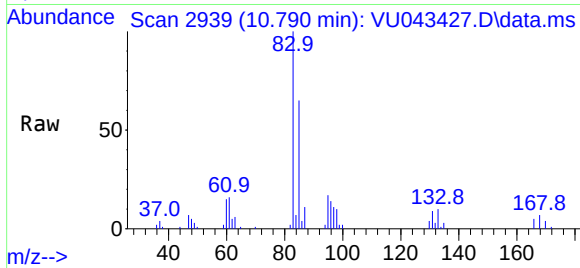




#57
1,1,2,2-Tetrachloroethane
Concen: 4.99 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. -0.000 min
Lab File: VU043427.D
Acq: 29 Apr 2021 16:02

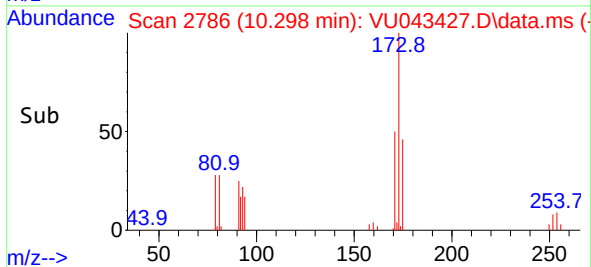
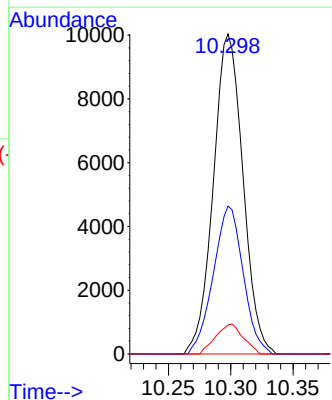
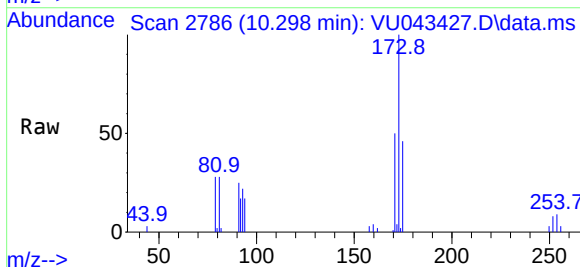
Instrument :
MSVOA_U
ClientSampleId :
H4474MSD

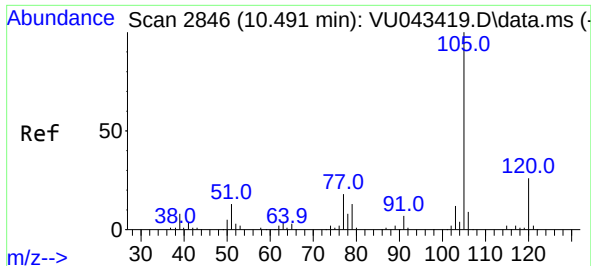
Tgt Ion:	83	Resp:	32596
Ion	Ratio	Lower	Upper
83	100		
85	64.5	44.9	83.5
131	9.4	8.2	12.4



#59
Bromoform
Concen: 4.37 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. -0.000 min
Lab File: VU043427.D
Acq: 29 Apr 2021 16:02

Tgt Ion:	173	Resp:	16593
Ion	Ratio	Lower	Upper
173	100		
175	46.5	39.4	59.0
254	8.6	8.0	12.0

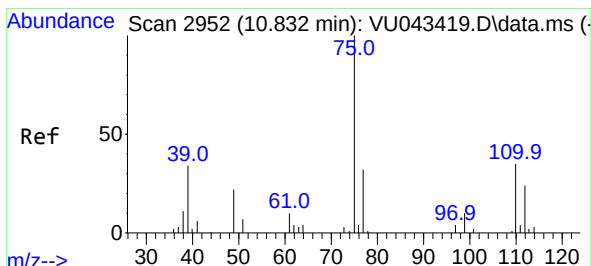
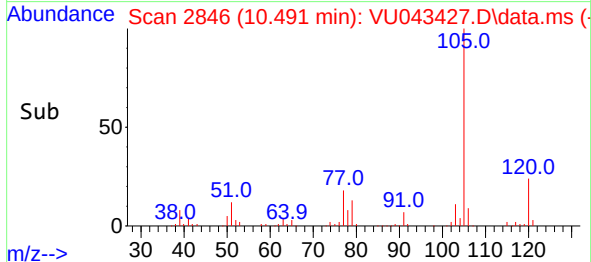
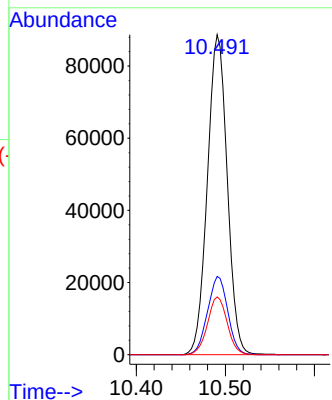
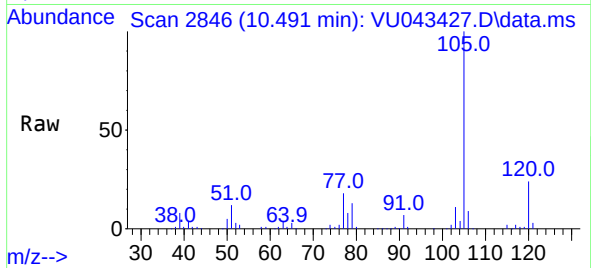




#60
Isopropylbenzene
Concen: 4.60 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. -0.000 min
Lab File: VU043427.D
Acq: 29 Apr 2021 16:02

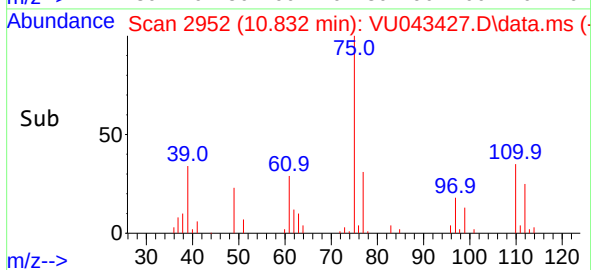
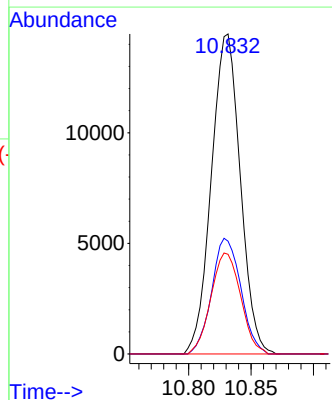
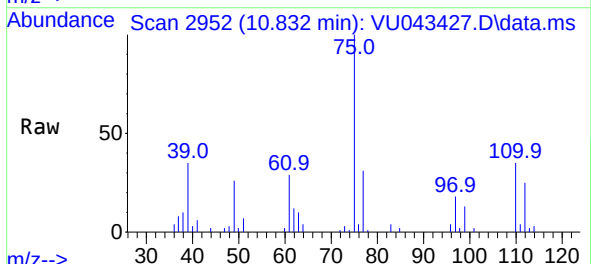
Instrument :
MSVOA_U
ClientSampled :
H4474MSD

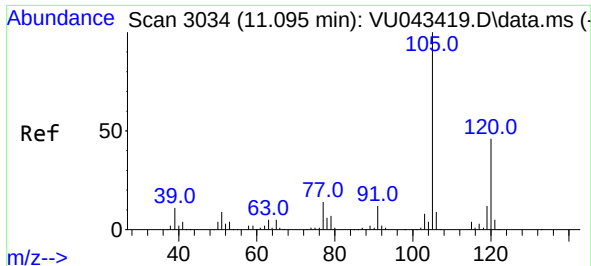
Tgt Ion:105 Resp: 136924
Ion Ratio Lower Upper
105 100
120 24.9 20.9 31.3
77 17.9 11.8 17.8#



#61
1,2,3-Trichloropropane
Concen: 4.87 ug/L
RT: 10.832 min Scan# 2952
Delta R.T. -0.000 min
Lab File: VU043427.D
Acq: 29 Apr 2021 16:02

Tgt Ion: 75 Resp: 23374
Ion Ratio Lower Upper
75 100
110 36.4 31.5 47.3
77 32.4 26.3 39.5

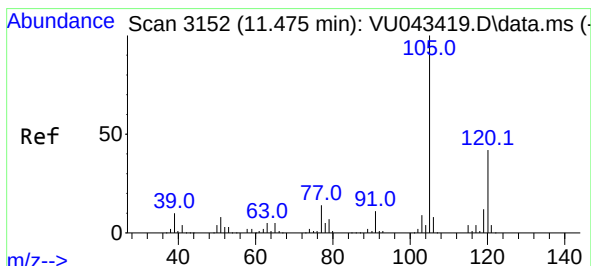
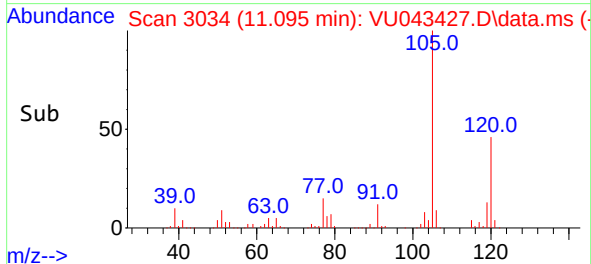
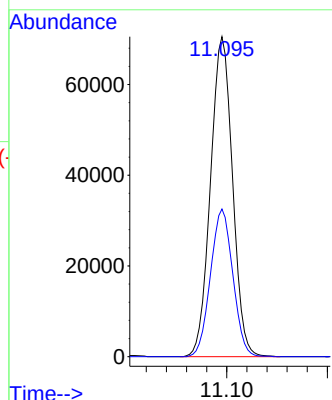
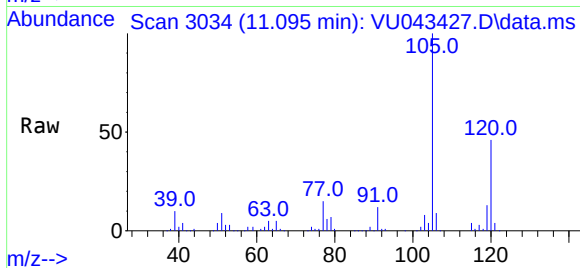




#62
1,3,5-Trimethylbenzene
Concen: 4.40 ug/L
RT: 11.095 min Scan# 3034
Delta R.T. -0.000 min
Lab File: VU043427.D
Acq: 29 Apr 2021 16:02

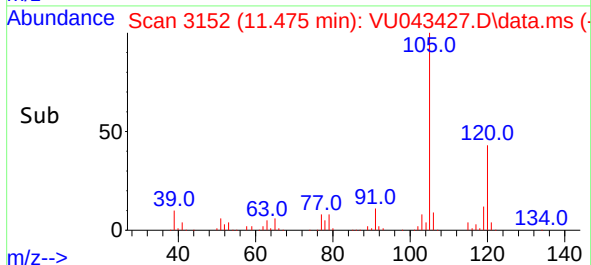
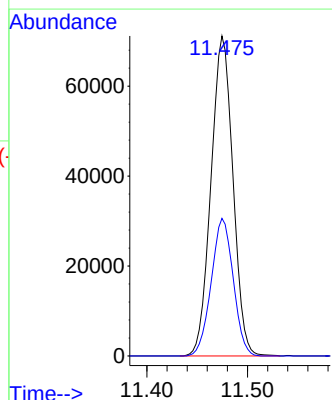
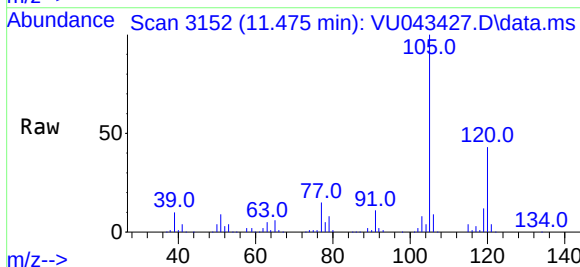
Instrument :
MSVOA_U
ClientSampleId :
H4474MSD

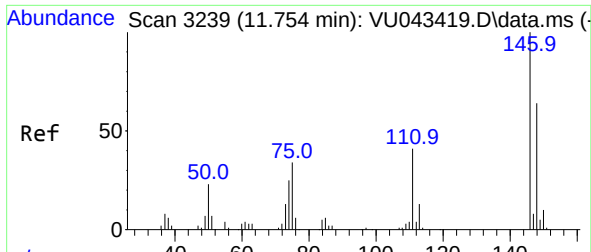
Tgt Ion:105 Resp: 107242
Ion Ratio Lower Upper
105 100
120 46.9 39.5 59.3



#63
1,2,4-Trimethylbenzene
Concen: 4.31 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VU043427.D
Acq: 29 Apr 2021 16:02

Tgt Ion:105 Resp: 107874
Ion Ratio Lower Upper
105 100
120 43.0 36.7 55.1

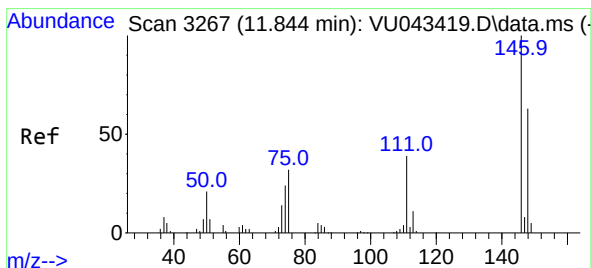
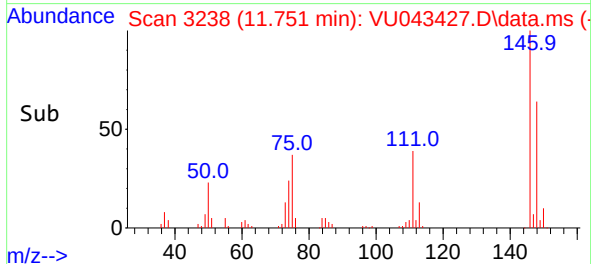
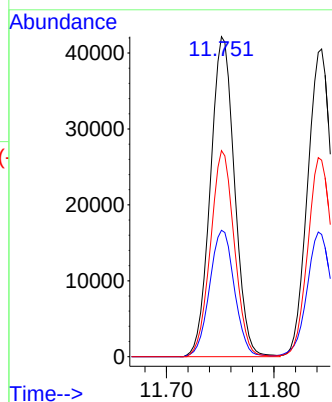
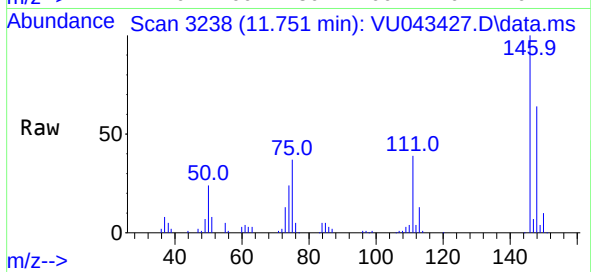




#64
1,3-Dichlorobenzene
Concen: 4.64 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. -0.003 min
Lab File: VU043427.D
Acq: 29 Apr 2021 16:02

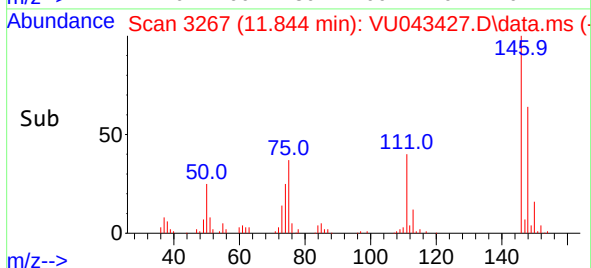
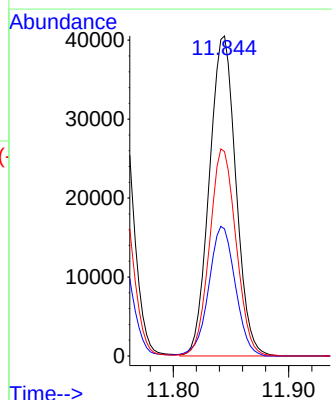
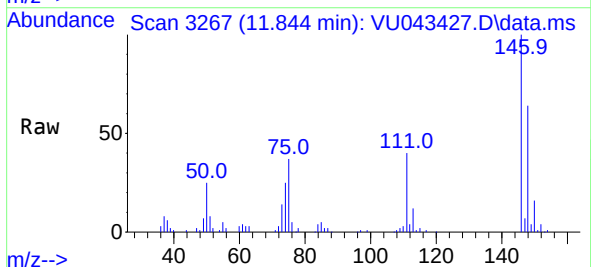
Instrument :
MSVOA_U
ClientSampled :
H4474MSD

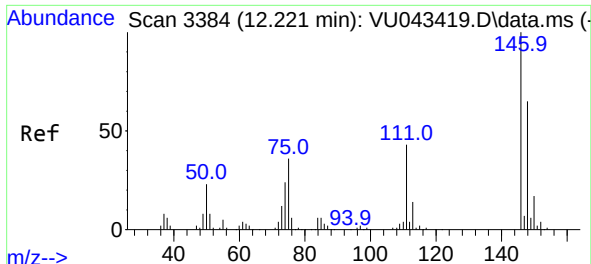
Tgt Ion:146 Resp: 65677
Ion Ratio Lower Upper
146 100
111 39.5 27.6 51.2
148 64.4 44.9 83.3



#65
1,4-Dichlorobenzene
Concen: 4.52 ug/L
RT: 11.844 min Scan# 3267
Delta R.T. -0.000 min
Lab File: VU043427.D
Acq: 29 Apr 2021 16:02

Tgt Ion:146 Resp: 64785
Ion Ratio Lower Upper
146 100
111 39.7 26.7 49.5
148 63.8 43.9 81.5

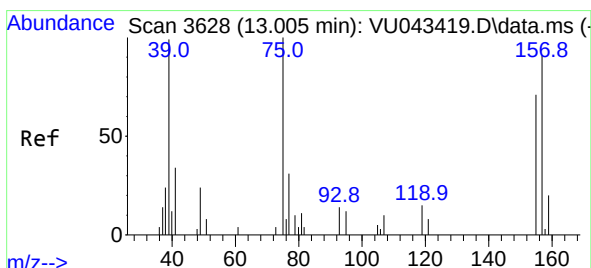
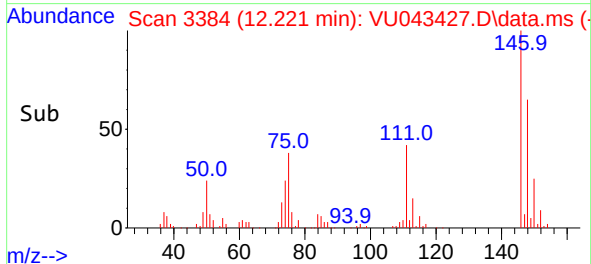
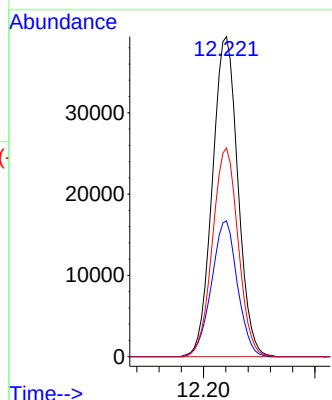
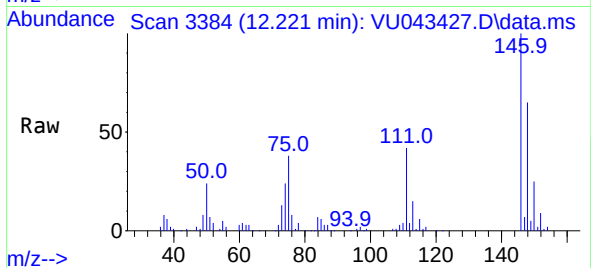




#67
1,2-Dichlorobenzene
Concen: 4.56 ug/L
RT: 12.221 min Scan# 3384
Delta R.T. -0.000 min
Lab File: VU043427.D
Acq: 29 Apr 2021 16:02

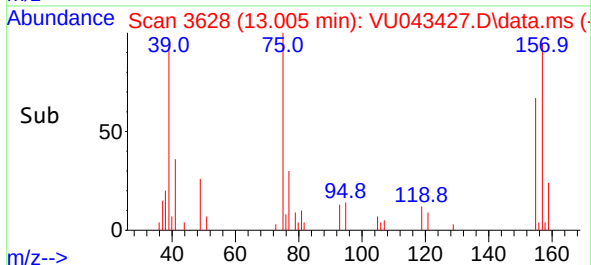
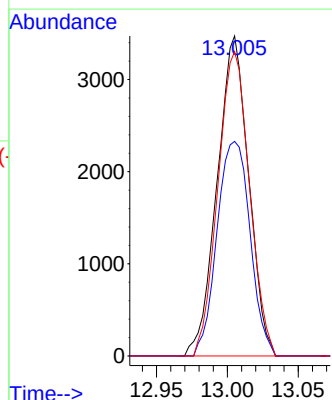
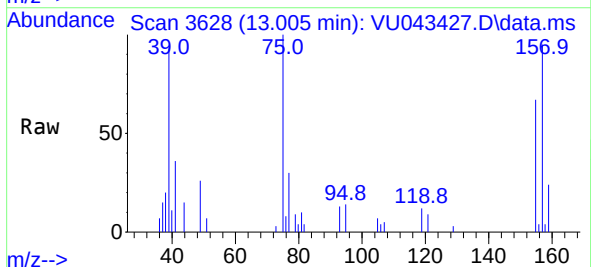
Instrument :
MSVOA_U
ClientSampleId :
H4474MSD

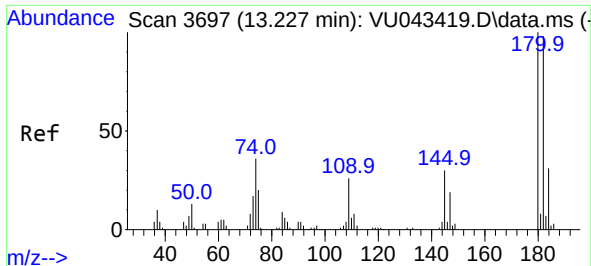
Tgt Ion:146 Resp: 62587
Ion Ratio Lower Upper
146 100
111 42.5 31.9 47.9
148 65.2 48.8 73.2



#68
1,2-Dibromo-3-chloropropane
Concen: 4.60 ug/L
RT: 13.005 min Scan# 3628
Delta R.T. -0.000 min
Lab File: VU043427.D
Acq: 29 Apr 2021 16:02

Tgt Ion: 75 Resp: 5368
Ion Ratio Lower Upper
75 100
155 67.1 67.8 101.8#
157 95.1 82.4 123.6



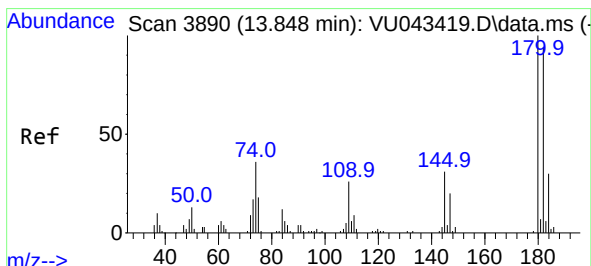
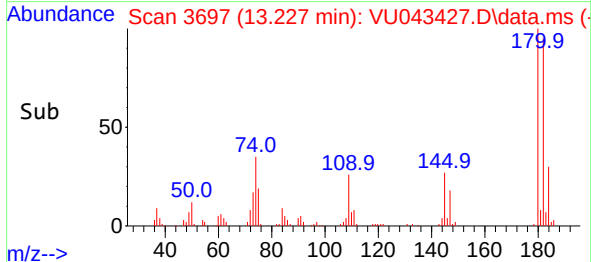
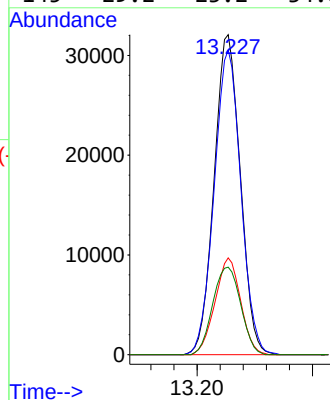
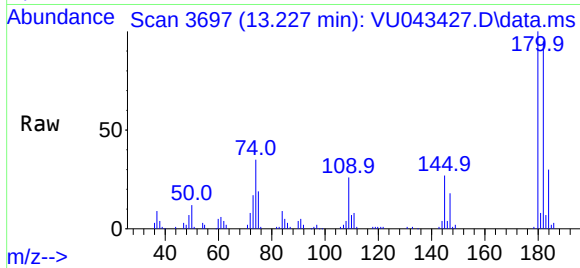


#69
1,3,5-Trichlorobenzene
Concen: 4.35 ug/L
RT: 13.227 min Scan# 3697
Delta R.T. -0.000 min
Lab File: VU043427.D
Acq: 29 Apr 2021 16:02

Instrument :
MSVOA_U
ClientSampleId :
H4474MSD

Tgt Ion:180 Resp: 50413

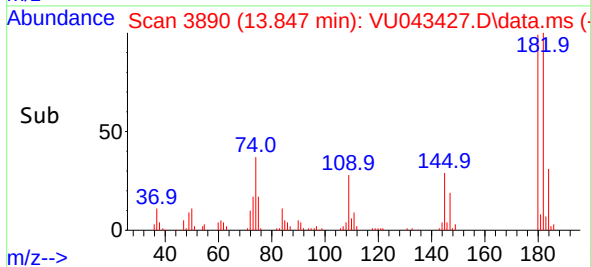
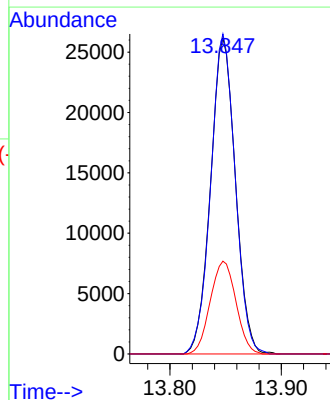
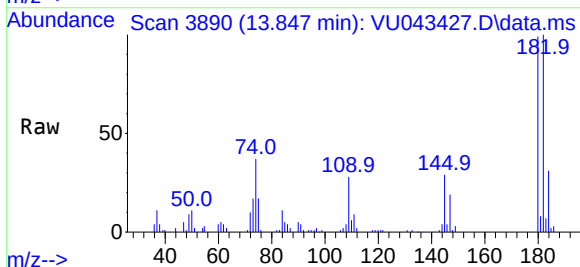
Ion	Ratio	Lower	Upper
180	100		
182	97.1	76.1	114.1
184	29.6	24.0	36.0
145	29.2	23.2	34.8

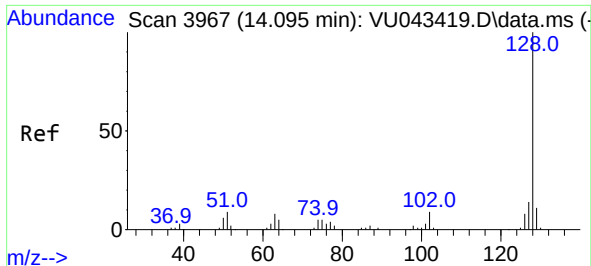


#70
1,2,4-trichlorobenzene
Concen: 4.22 ug/L
RT: 13.847 min Scan# 3890
Delta R.T. -0.000 min
Lab File: VU043427.D
Acq: 29 Apr 2021 16:02

Tgt Ion:180 Resp: 40516

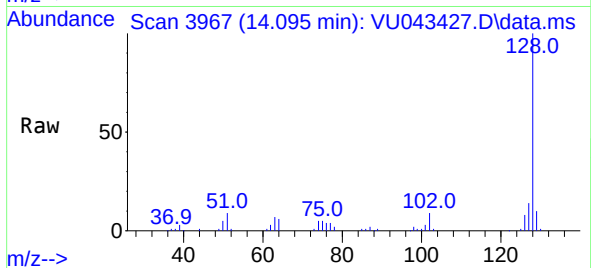
Ion	Ratio	Lower	Upper
180	100		
182	99.7	76.5	114.7
145	30.4	24.1	36.1



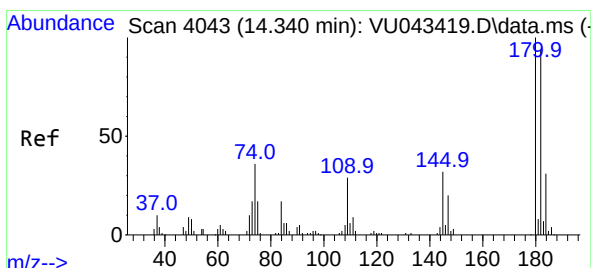
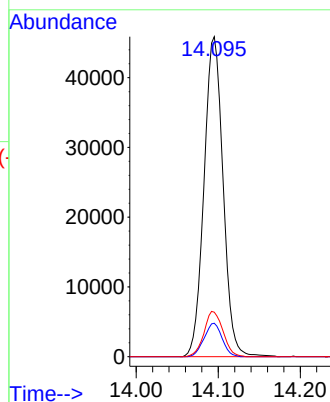
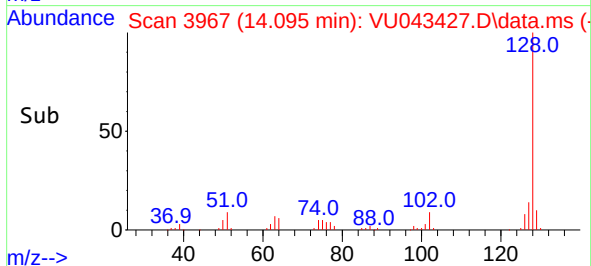


#71
Naphthalene
Concen: 4.57 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. -0.000 min
Lab File: VU043427.D
Acq: 29 Apr 2021 16:02

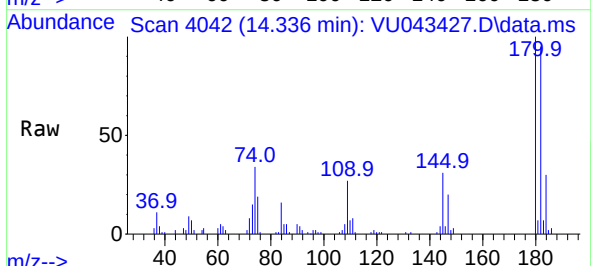
Instrument :
MSVOA_U
ClientSampled :
H4474MSD



Tgt Ion:128 Resp: 74005
Ion Ratio Lower Upper
128 100
129 9.9 8.6 12.8
127 14.1 10.6 15.8



#72
1,2,3-Trichlorobenzene
Concen: 4.59 ug/L
RT: 14.336 min Scan# 4042
Delta R.T. -0.003 min
Lab File: VU043427.D
Acq: 29 Apr 2021 16:02



Tgt Ion:180 Resp: 40408
Ion Ratio Lower Upper
180 100
182 96.1 75.8 113.8
145 32.2 25.0 37.4

