

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU043021\
 Data File : VU043426.D
 Acq On : 29 Apr 2021 15:38
 Operator : SY/MD
 Sample : M2162-02MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4474MS

Quant Time: Apr 30 07:29:23 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	6.257	114	90495	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.424	117	89405	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	47464	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	22941	4.99	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.80%
7) Chloroethane-d5	1.919	69	22803	5.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.20%
11) 1,1-Dichloroethene-d2	2.572	65	14047	5.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	105.40%
20) 2-Butanone-d5	4.643	46	113609	56.29	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.58%
24) Chloroform-d	5.073	84	64865	5.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.80%
26) 1,2-Dichloroethane-d4	5.713	65	38110	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
32) Benzene-d6	5.736	84	112726	5.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.20%
36) 1,2-Dichloropropane-d6	6.700	67	38310	5.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.00%
41) Toluene-d8	7.906	98	102176	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
43) trans-1,3-Dichloroprop...	8.186	79	14893	4.89	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.80%
46) 2-Hexanone-d5	8.642	63	72893	47.94	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.88%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	32762	5.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.00%
66) 1,2-Dichlorobenzene-d4	12.198	152	37969	4.67	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.40%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.389	85	31944	5.51	ug/L	99
3) Chloromethane	1.524	50	31485	5.52	ug/L	98
5) Vinyl chloride	1.607	62	30463	5.12	ug/L	98
6) Bromomethane	1.861	94	17537	4.94	ug/L	98
8) Chloroethane	1.938	64	20211	4.72	ug/L	99
9) Trichlorofluoromethane	2.141	101	47881	4.32	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.585	101	29987	5.01	ug/L	96
12) 1,1-Dichloroethene	2.585	96	24849	4.94	ug/L	69
13) Acetone	2.652	43	77012	51.93	ug/L	# 64
14) Carbon disulfide	2.800	76	63500	4.95	ug/L	99
15) Methyl Acetate	2.964	43	16390	5.88	ug/L	# 82
16) Methylene chloride	3.051	84	30621	4.70	ug/L	82
17) Methyl tert-butyl Ether	3.372	73	72639	4.42	ug/L	# 90
18) trans-1,2-Dichloroethene	3.363	96	26413	4.92	ug/L	86
19) 1,1-Dichloroethane	3.880	63	62885	5.38	ug/L	98
21) 2-Butanone	4.720	43	121241	49.53	ug/L	83
22) cis-1,2-Dichloroethene	4.675	96	30046	4.73	ug/L	82
23) Bromochloromethane	4.983	128	13905	4.80	ug/L	# 63
25) Chloroform	5.099	83	63411	5.09	ug/L	100

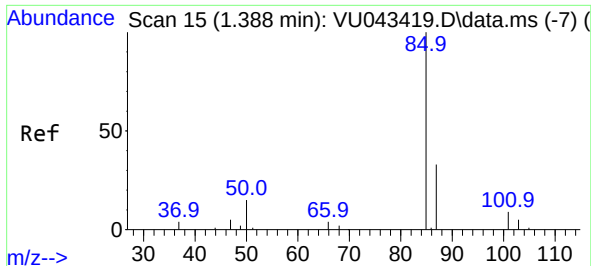
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU043021\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	45239	4.95	ug/L #	94
29) 1,1,1-Trichloroethane	5.324	97	53361	4.84	ug/L #	93
30) Cyclohexane	5.398	56	44548	4.71	ug/L #	82
31) Carbon tetrachloride	5.533	117	43406	4.72	ug/L	99
33) Benzene	5.784	78	122448	5.12	ug/L	100
34) Trichloroethene	6.549	95	30911	4.69	ug/L	93
35) Methylcyclohexane	6.771	83	40373	4.43	ug/L #	85
37) 1,2-Dichloropropane	6.800	63	36475	5.42	ug/L #	96
38) Bromodichloromethane	7.115	83	46021	5.09	ug/L	97
39) cis-1,3-Dichloropropene	7.613	75	46987	4.78	ug/L	100
40) 4-Methyl-2-pentanone	7.800	43	291681	48.44	ug/L #	83
42) Toluene	7.977	91	130755	4.89	ug/L	98
44) trans-1,3-Dichloropropene	8.218	75	42756	4.61	ug/L	98
45) 1,1,2-Trichloroethane	8.408	97	24405	4.85	ug/L	95
47) Tetrachloroethene	8.562	164	26356	5.05	ug/L	97
48) 2-Hexanone	8.694	43	222347	50.18	ug/L #	82
49) Dibromochloromethane	8.819	129	28603	4.51	ug/L	95
50) 1,2-Dibromoethane	8.932	107	22428	4.48	ug/L	100
51) Chlorobenzene	9.453	112	79892	4.69	ug/L	91
52) Ethylbenzene	9.578	91	136265	4.46	ug/L	97
53) m,p-Xylene	9.700	106	50089	4.48	ug/L	88
54) o-Xylene	10.109	106	48682	4.39	ug/L	90
55) Styrene	10.121	104	82156	4.33	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.790	83	31700	4.79	ug/L	97
59) Bromoform	10.298	173	16648	4.29	ug/L #	98
60) Isopropylbenzene	10.491	105	135314	4.44	ug/L	97
61) 1,2,3-Trichloropropane	10.832	75	23522	4.80	ug/L	96
62) 1,3,5-Trimethylbenzene	11.096	105	106463	4.27	ug/L	95
63) 1,2,4-Trimethylbenzene	11.475	105	106448	4.16	ug/L	96
64) 1,3-Dichlorobenzene	11.752	146	66115	4.57	ug/L	99
65) 1,4-Dichlorobenzene	11.845	146	66116	4.51	ug/L	100
67) 1,2-Dichlorobenzene	12.218	146	63391	4.51	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.002	75	5268	4.41	ug/L	91
69) 1,3,5-Trichlorobenzene	13.227	180	49722	4.19	ug/L	98
70) 1,2,4-trichlorobenzene	13.848	180	40675	4.14	ug/L	99
71) Naphthalene	14.095	128	70075	4.23	ug/L	99
72) 1,2,3-Trichlorobenzene	14.337	180	39356	4.37	ug/L	99

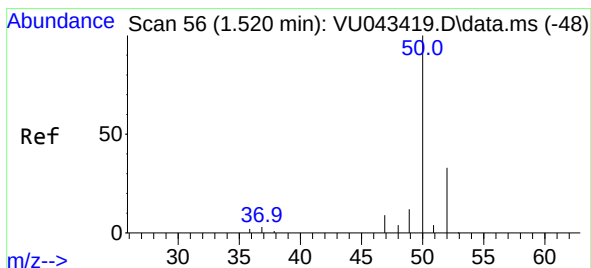
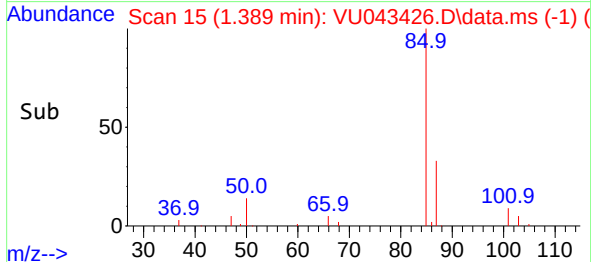
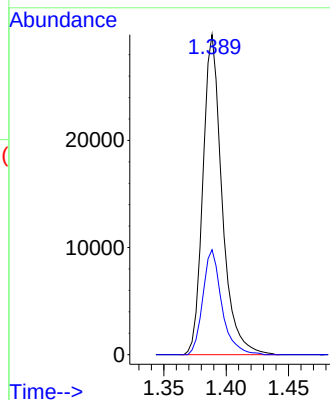
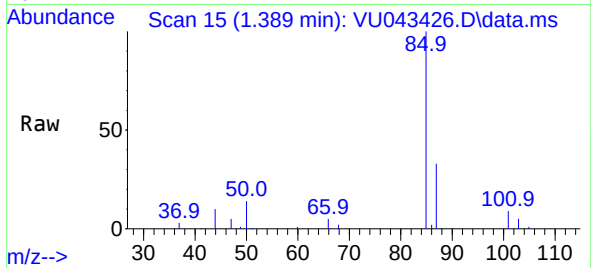
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 5.51 ug/L
 RT: 1.389 min Scan# 15
 Delta R.T. 0.000 min
 Lab File: VU043426.D
 Acq: 29 Apr 2021 15:38

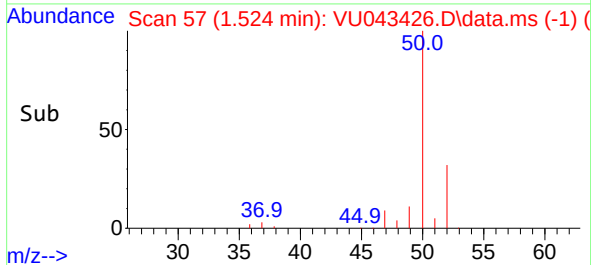
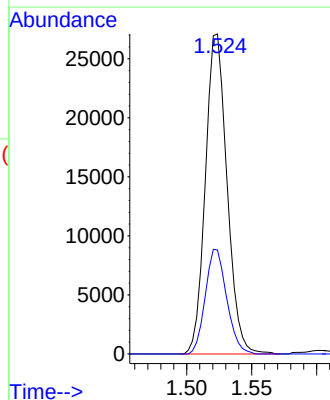
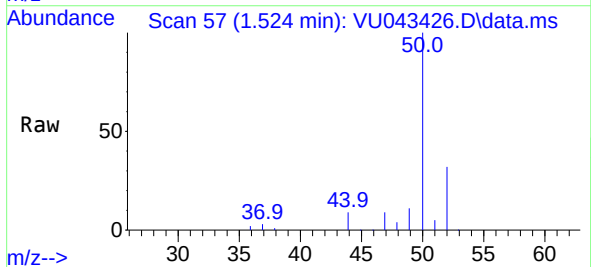
Instrument :
 MSVOA_U
 ClientSampleId :
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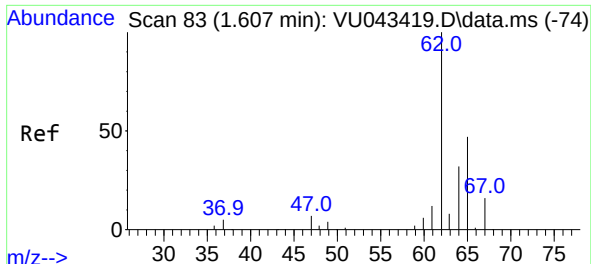
Tgt Ion: 85 Resp: 31944
 Ion Ratio Lower Upper
 85 100
 87 32.5 26.3 39.5



#3
 Chloromethane
 Concen: 5.52 ug/L
 RT: 1.524 min Scan# 57
 Delta R.T. 0.004 min
 Lab File: VU043426.D
 Acq: 29 Apr 2021 15:38

Tgt Ion: 50 Resp: 31485
 Ion Ratio Lower Upper
 50 100
 52 32.5 23.6 43.8

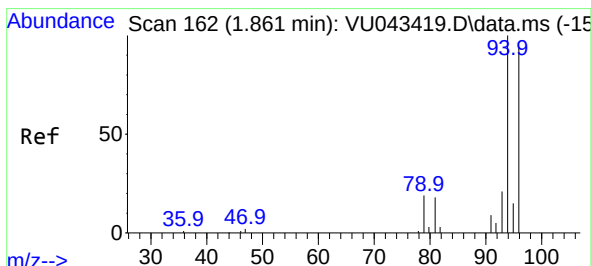
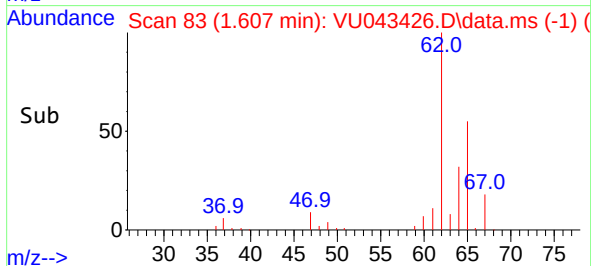
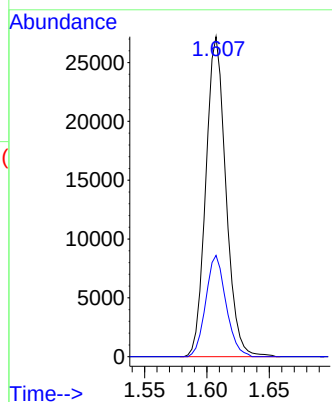
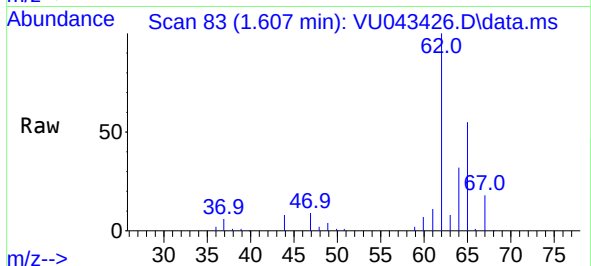




#5
 Vinyl chloride
 Concen: 5.12 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU043426.D
 Acq: 29 Apr 2021 15:38

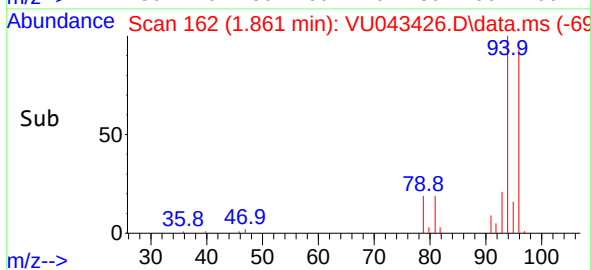
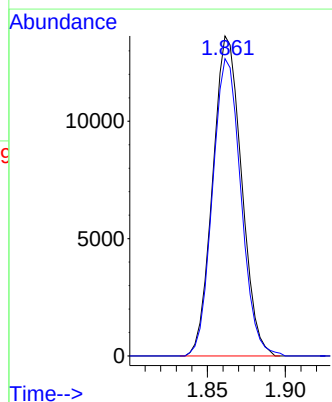
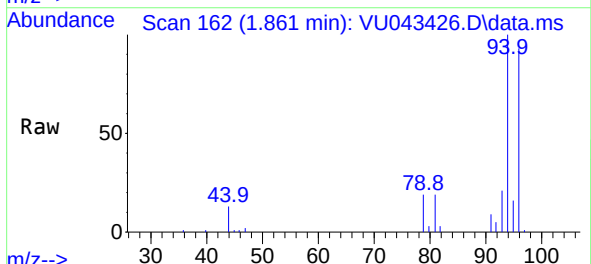
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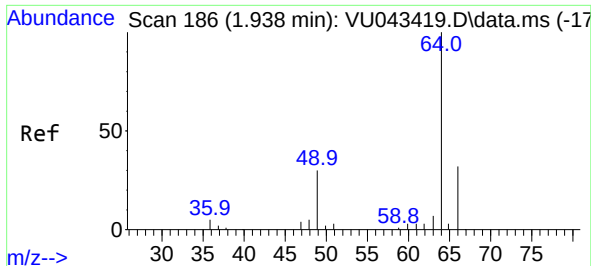
Tgt Ion: 62 Resp: 30463
 Ion Ratio Lower Upper
 62 100
 64 31.7 22.8 42.4



#6
 Bromomethane
 Concen: 4.94 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. 0.000 min
 Lab File: VU043426.D
 Acq: 29 Apr 2021 15:38

Tgt Ion: 94 Resp: 17537
 Ion Ratio Lower Upper
 94 100
 96 92.9 66.1 122.7

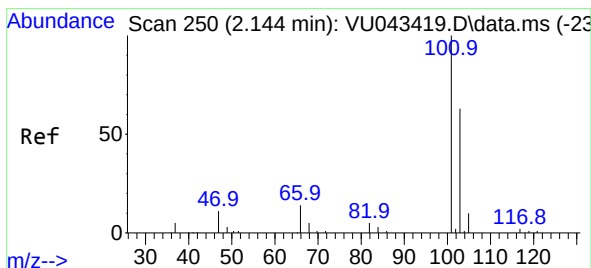
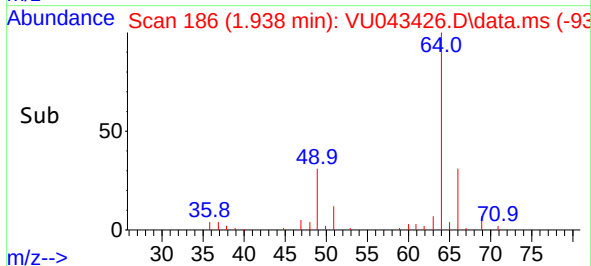
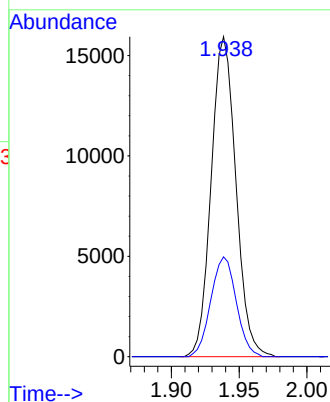
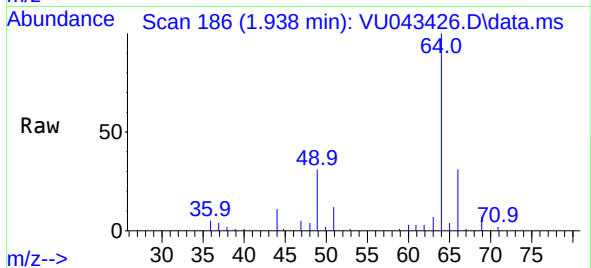




#8
Chloroethane
Concen: 4.72 ug/L
RT: 1.938 min Scan# 186
Delta R.T. 0.000 min
Lab File: VU043426.D
Acq: 29 Apr 2021 15:38

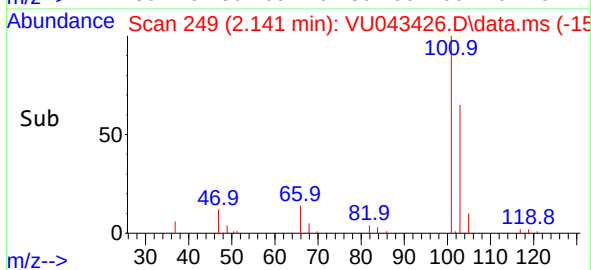
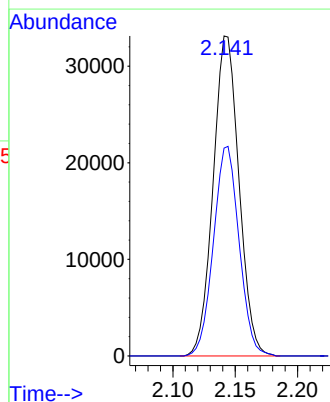
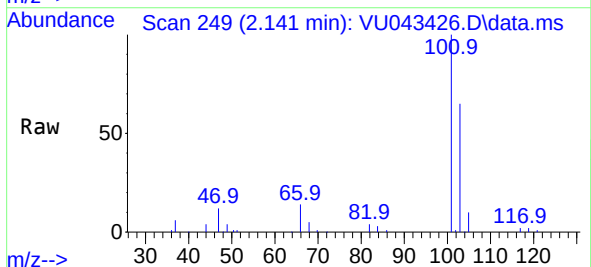
Instrument :
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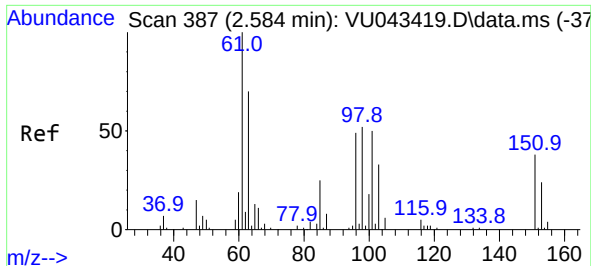
Tgt Ion: 64 Resp: 20211
Ion Ratio Lower Upper
64 100
66 31.2 22.4 41.6



#9
Trichlorofluoromethane
Concen: 4.32 ug/L
RT: 2.141 min Scan# 249
Delta R.T. -0.003 min
Lab File: VU043426.D
Acq: 29 Apr 2021 15:38

Tgt Ion:101 Resp: 47881
Ion Ratio Lower Upper
101 100
103 64.9 51.5 77.3

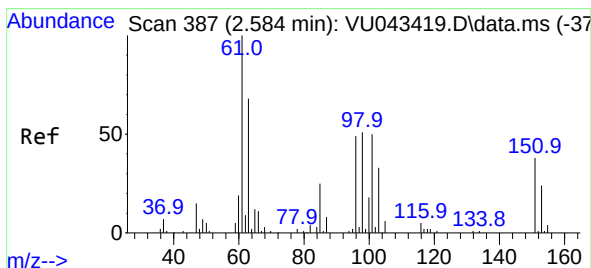
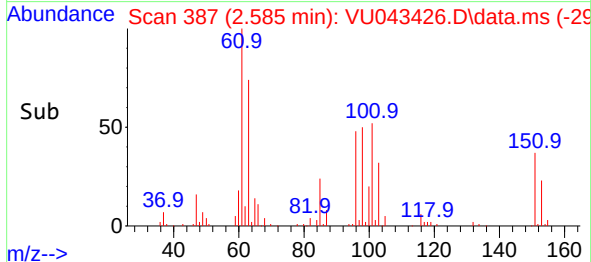
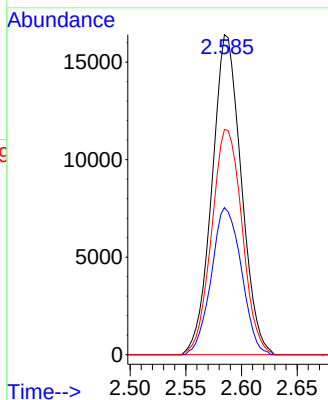
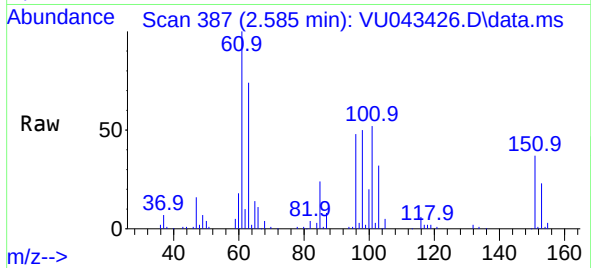




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.01 ug/L
RT: 2.585 min Scan# 387
Delta R.T. 0.000 min
Lab File: VU043426.D
Acq: 29 Apr 2021 15:38

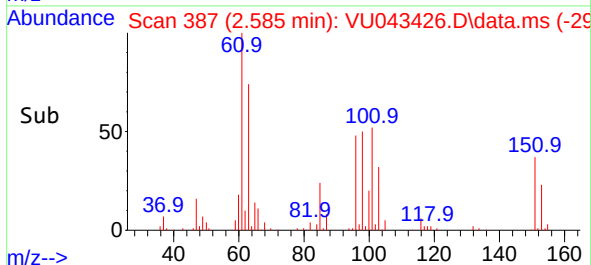
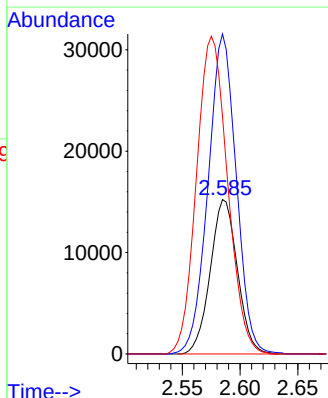
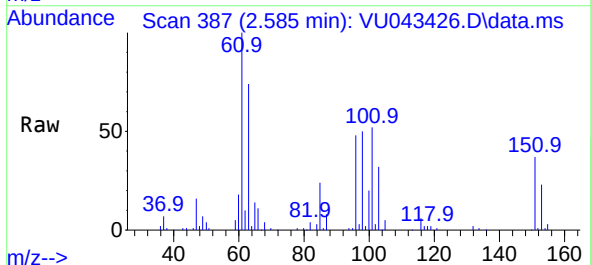
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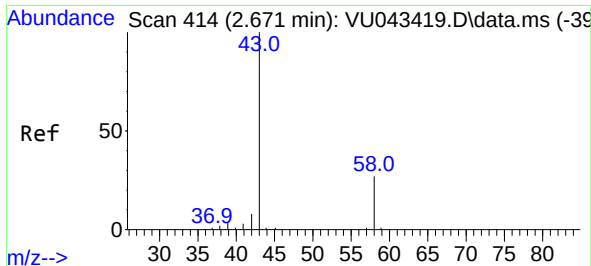
Tgt Ion:	101	Resp:	29987
Ion Ratio	Lower	Upper	
101	100		
85	47.2	34.5	51.7
151	73.5	57.4	86.2



#12
1,1-Dichloroethene
Concen: 4.94 ug/L
RT: 2.585 min Scan# 387
Delta R.T. 0.000 min
Lab File: VU043426.D
Acq: 29 Apr 2021 15:38

Tgt Ion:	96	Resp:	24849
Ion Ratio	Lower	Upper	
96	100		
61	207.2	115.1	213.7
63	153.8	84.1	156.1

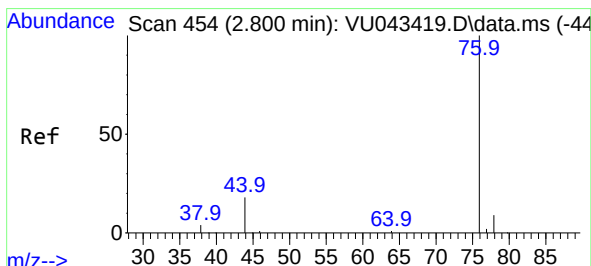
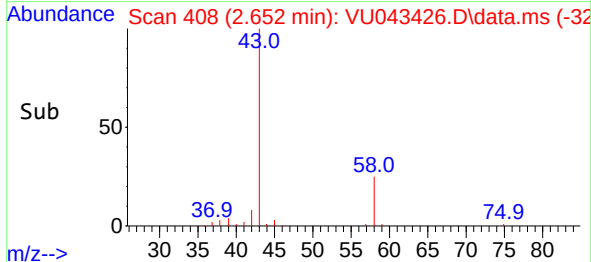
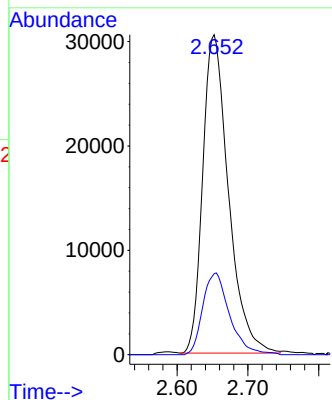
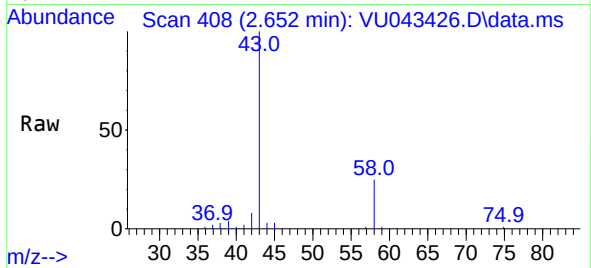




#13
Acetone
Concen: 51.93 ug/L
RT: 2.652 min Scan# 408
Delta R.T. -0.019 min
Lab File: VU043426.D
Acq: 29 Apr 2021 15:38

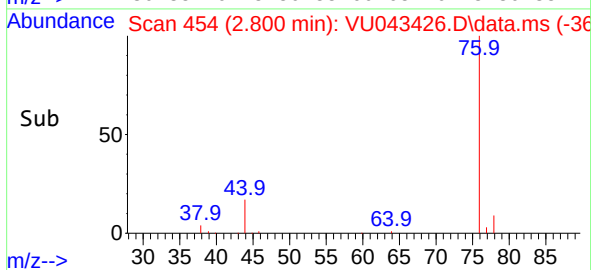
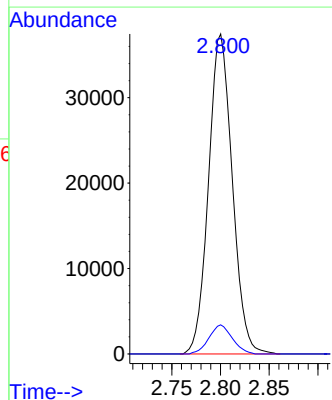
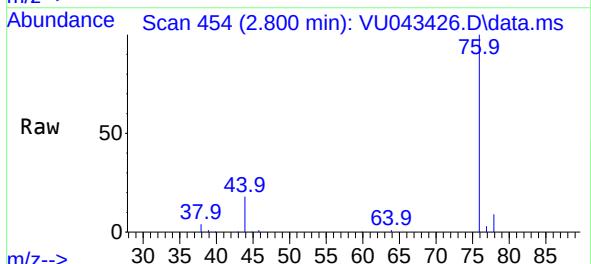
Instrument :
MSVOA_U
ClientSampled :
H4474MS

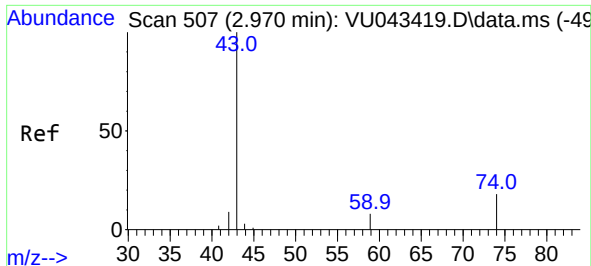
Tgt Ion: 43 Resp: 77012
Ion Ratio Lower Upper
43 100
58 26.8 0.0 25.0#



#14
Carbon disulfide
Concen: 4.95 ug/L
RT: 2.800 min Scan# 454
Delta R.T. 0.000 min
Lab File: VU043426.D
Acq: 29 Apr 2021 15:38

Tgt Ion: 76 Resp: 63500
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3

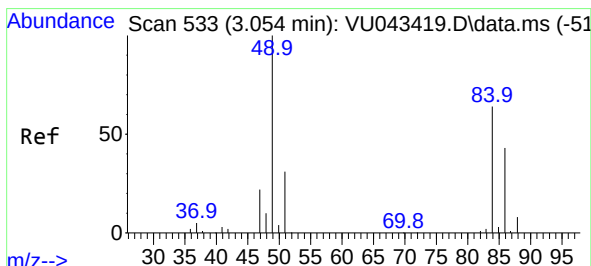
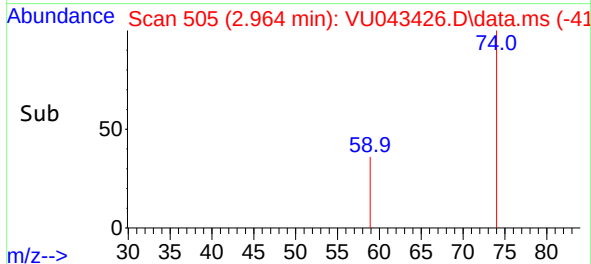
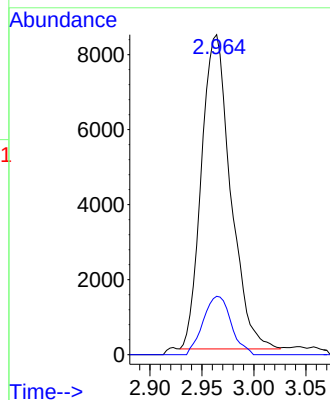
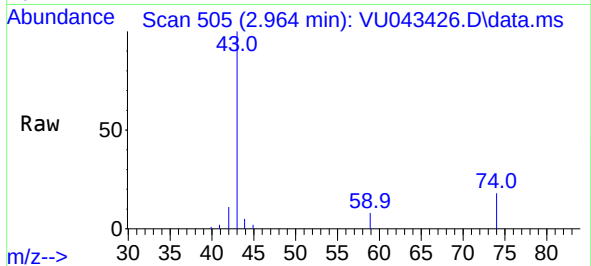




#15
Methyl Acetate
Concen: 5.88 ug/L
RT: 2.964 min Scan# 505
Delta R.T. -0.006 min
Lab File: VU043426.D
Acq: 29 Apr 2021 15:38

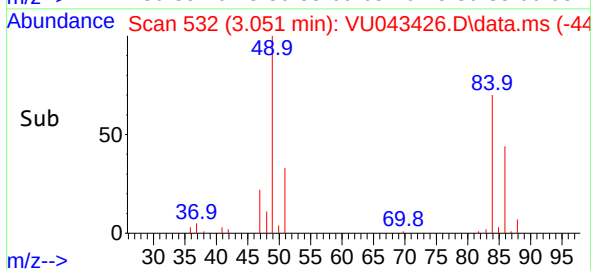
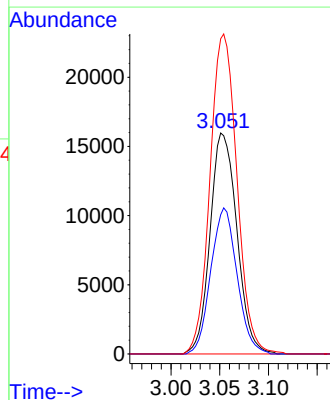
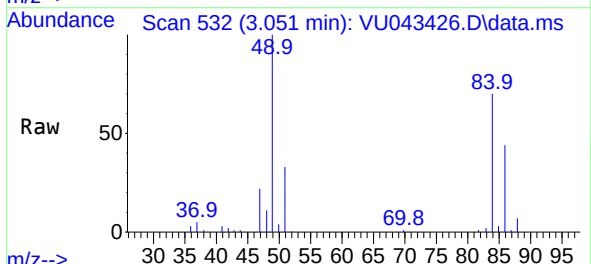
Instrument :
MSVOA_U
ClientSampleId :
H4474MS

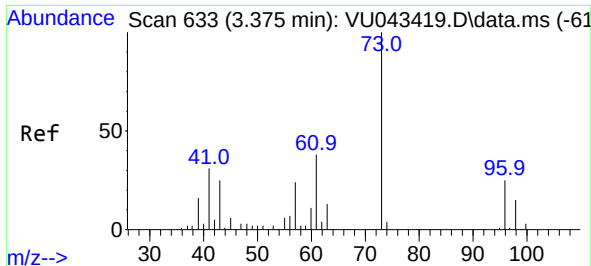
Tgt Ion: 43 Resp: 16390
Ion Ratio Lower Upper
43 100
74 17.7 21.5 32.3#



#16
Methylene chloride
Concen: 4.70 ug/L
RT: 3.051 min Scan# 532
Delta R.T. -0.003 min
Lab File: VU043426.D
Acq: 29 Apr 2021 15:38

Tgt Ion: 84 Resp: 30621
Ion Ratio Lower Upper
84 100
86 63.0 44.9 83.5
49 142.6 79.0 146.8

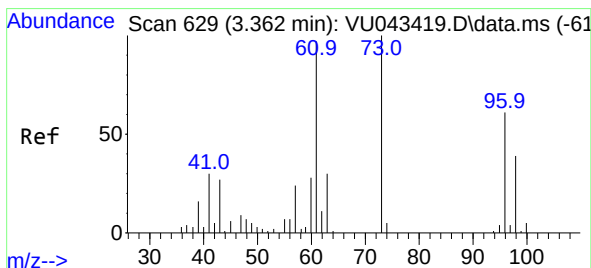
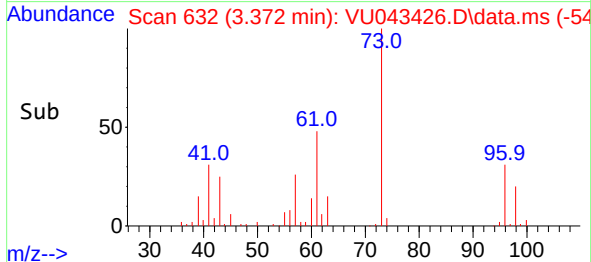
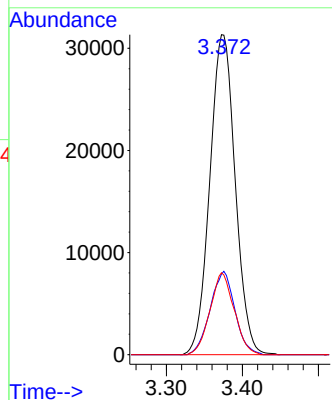
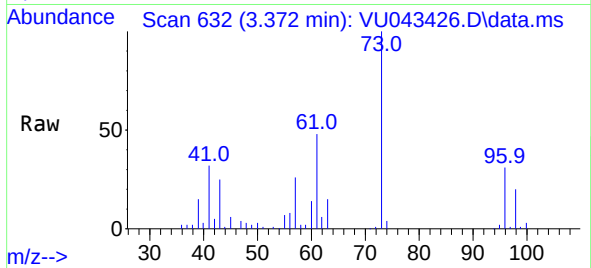




#17
Methyl tert-butyl Ether
Concen: 4.42 ug/L
RT: 3.372 min Scan# 632
Delta R.T. -0.003 min
Lab File: VU043426.D
Acq: 29 Apr 2021 15:38

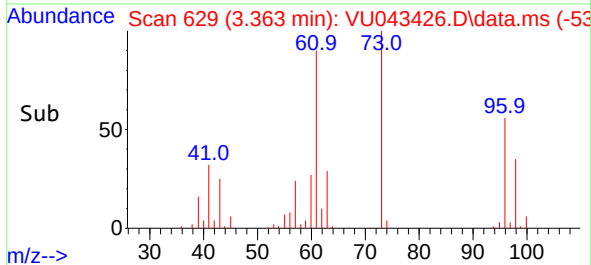
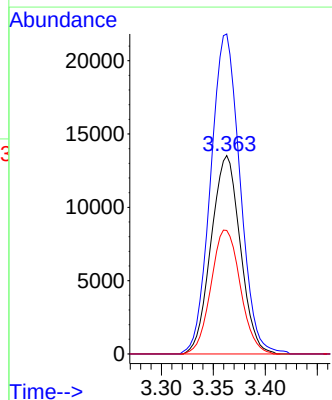
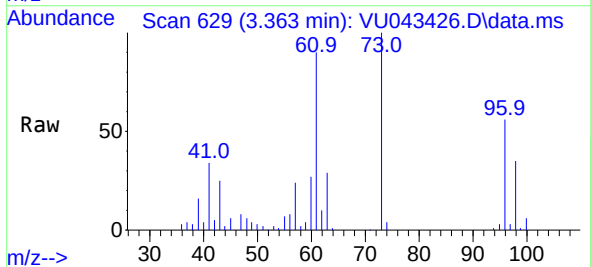
Instrument :
MSVOA_U
ClientSampleId :
H4474MS

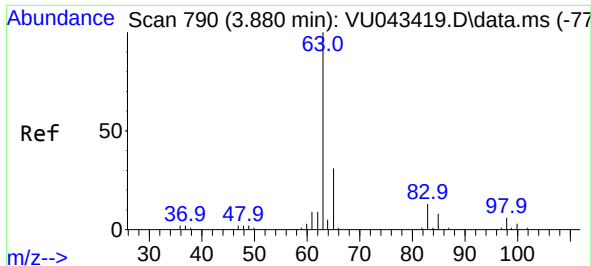
Tgt Ion: 73 Resp: 72639
Ion Ratio Lower Upper
73 100
43 25.3 15.0 22.4#
57 24.4 17.3 25.9



#18
trans-1,2-Dichloroethene
Concen: 4.92 ug/L
RT: 3.363 min Scan# 629
Delta R.T. 0.000 min
Lab File: VU043426.D
Acq: 29 Apr 2021 15:38

Tgt Ion: 96 Resp: 26413
Ion Ratio Lower Upper
96 100
61 161.3 96.6 179.4
98 62.3 44.7 82.9

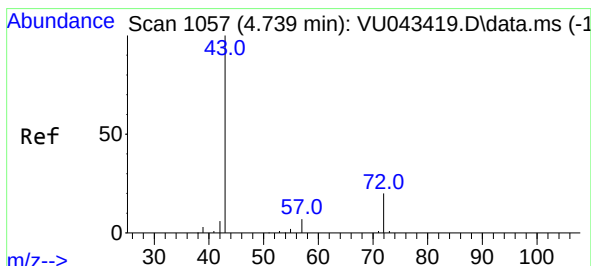
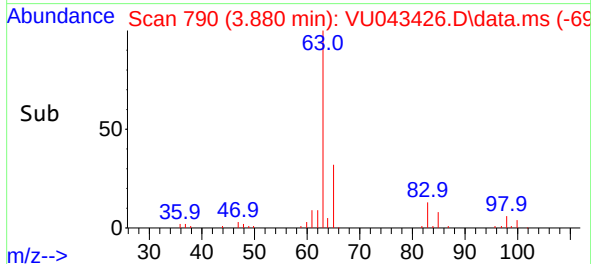
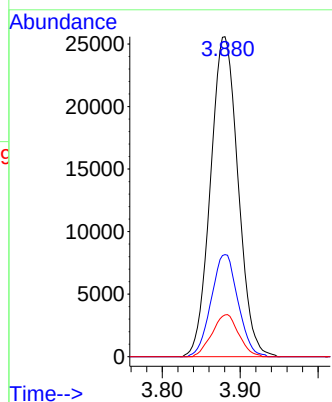
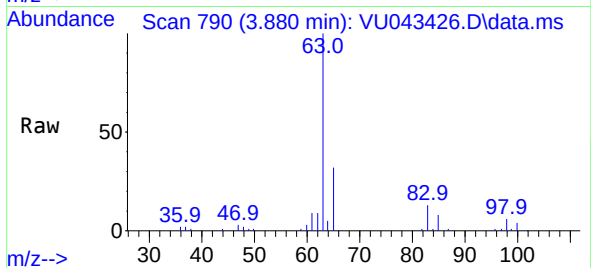




#19
1,1-Dichloroethane
Concen: 5.38 ug/L
RT: 3.880 min Scan# 790
Delta R.T. 0.000 min
Lab File: VU043426.D
Acq: 29 Apr 2021 15:38

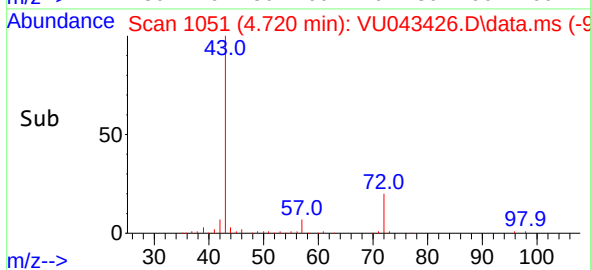
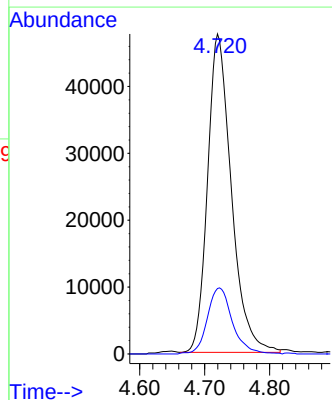
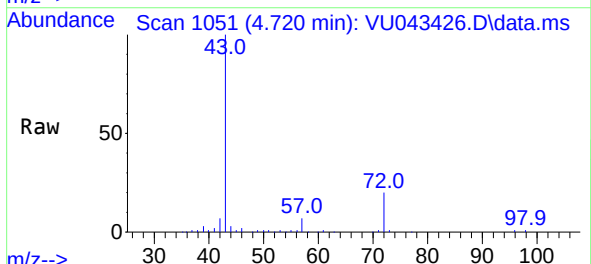
Instrument :
MSVOA_U
ClientSampleId :
H4474MS

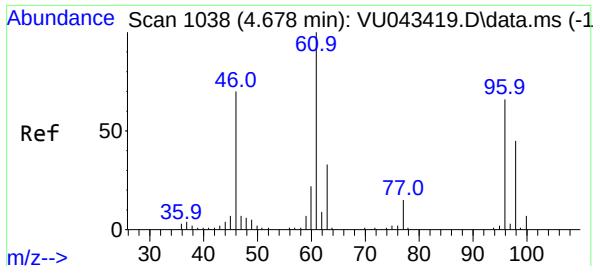
Tgt Ion:	63	Resp:	62885
Ion	Ratio	Lower	Upper
63	100		
65	31.9	23.2	43.0
83	13.0	9.9	18.3



#21
2-Butanone
Concen: 49.53 ug/L
RT: 4.720 min Scan# 1051
Delta R.T. -0.019 min
Lab File: VU043426.D
Acq: 29 Apr 2021 15:38

Tgt Ion:	43	Resp:	121241
Ion	Ratio	Lower	Upper
43	100		
72	21.8	15.8	47.3

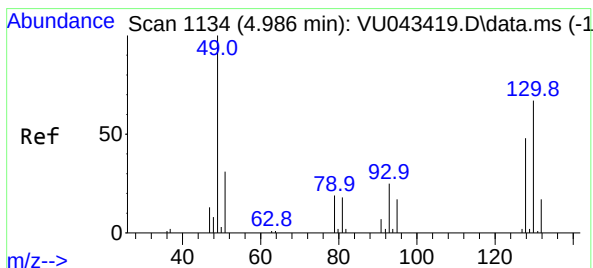
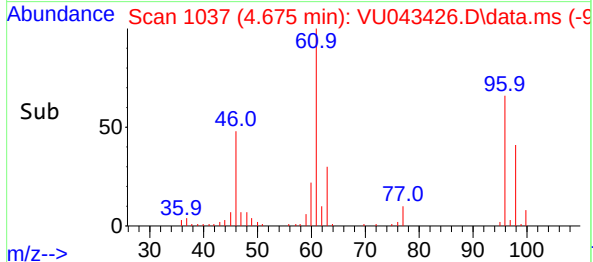
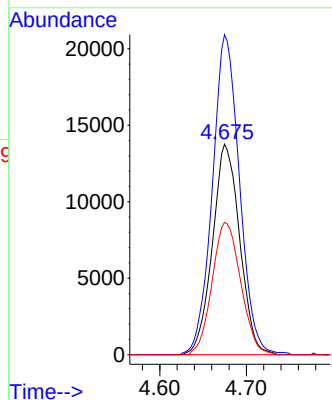
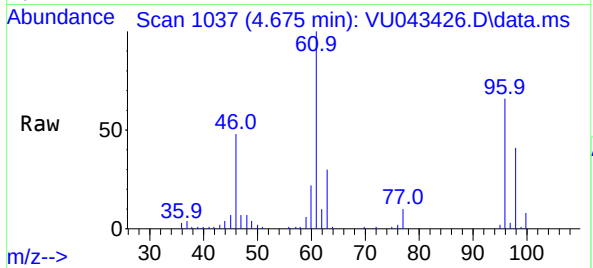




#22
cis-1,2-Dichloroethene
Concen: 4.73 ug/L
RT: 4.675 min Scan# 1037
Delta R.T. -0.003 min
Lab File: VU043426.D
Acq: 29 Apr 2021 15:38

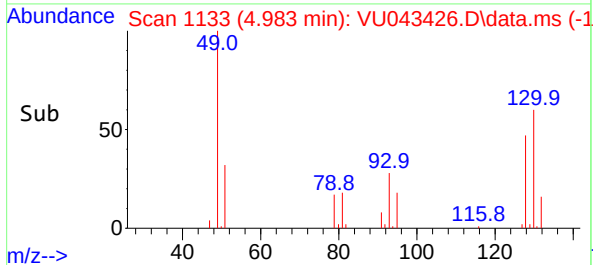
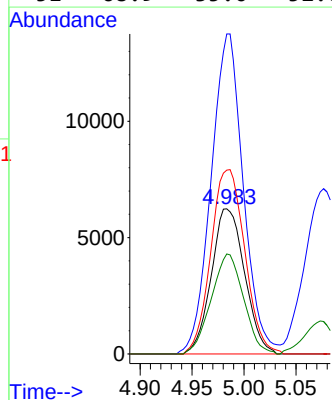
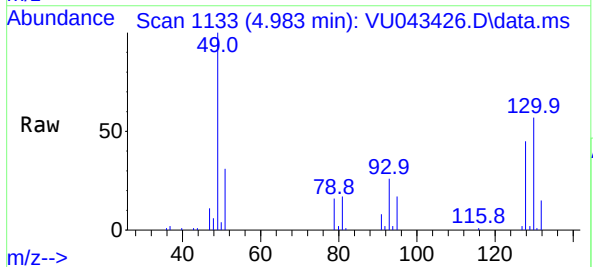
Instrument :
MSVOA_U
ClientSampleId :
H4474MS

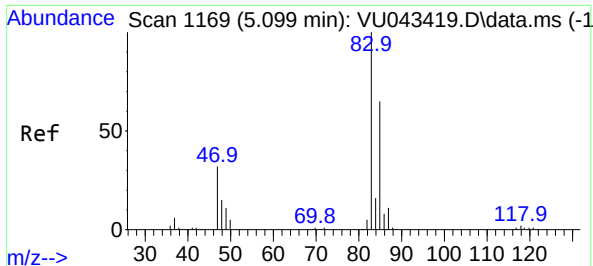
Tgt Ion: 96 Resp: 30046
Ion Ratio Lower Upper
96 100
61 151.9 87.4 162.4
98 62.8 47.7 88.5



#23
Bromochloromethane
Concen: 4.80 ug/L
RT: 4.983 min Scan# 1133
Delta R.T. -0.003 min
Lab File: VU043426.D
Acq: 29 Apr 2021 15:38

Tgt Ion: 128 Resp: 13905
Ion Ratio Lower Upper
128 100
49 220.4 96.4 179.0#
130 126.6 91.2 169.4
51 68.9 35.0 52.6#

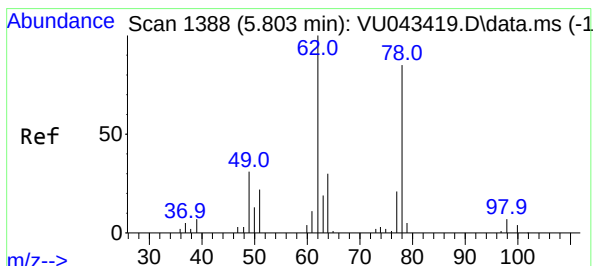
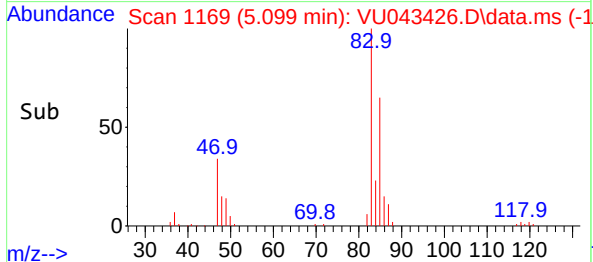
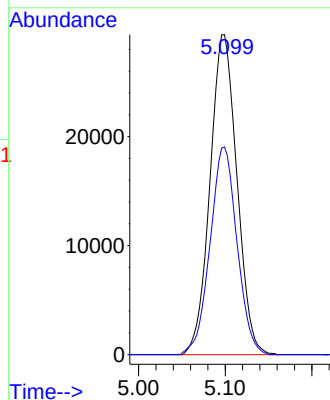
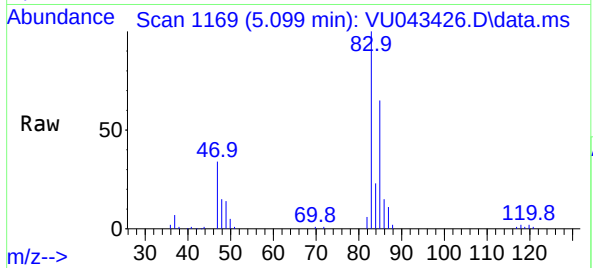




#25
Chloroform
Concen: 5.09 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VU043426.D
Acq: 29 Apr 2021 15:38

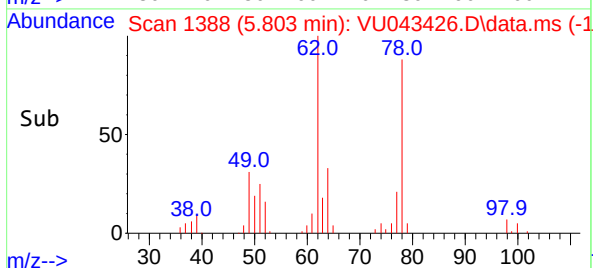
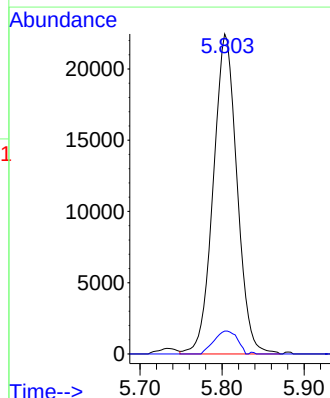
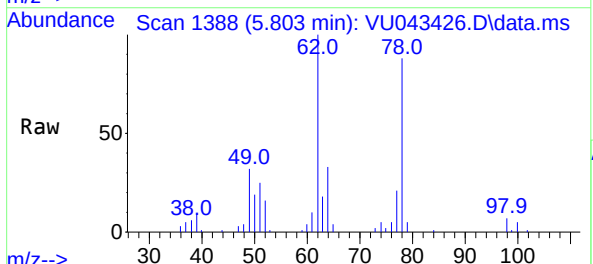
Instrument :
MSVOA_U
ClientSampleId :
H4474MS

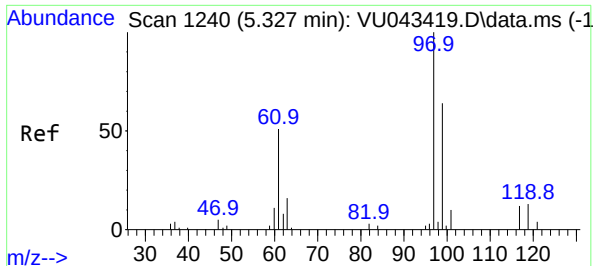
Tgt Ion: 83 Resp: 63411
Ion Ratio Lower Upper
83 100
85 64.9 45.6 84.8



#27
1,2-Dichloroethane
Concen: 4.95 ug/L
RT: 5.803 min Scan# 1388
Delta R.T. 0.000 min
Lab File: VU043426.D
Acq: 29 Apr 2021 15:38

Tgt Ion: 62 Resp: 45239
Ion Ratio Lower Upper
62 100
98 7.1 7.5 11.3#

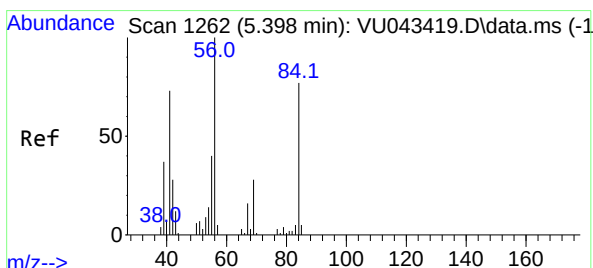
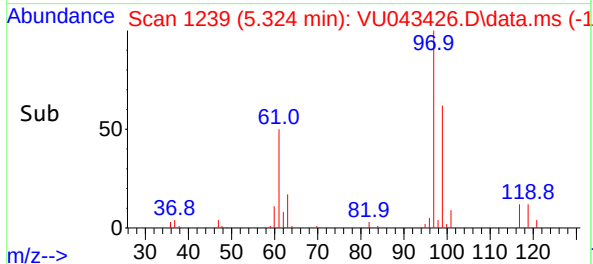
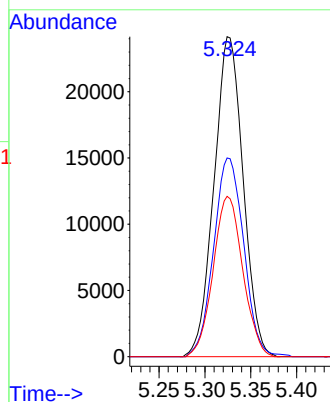
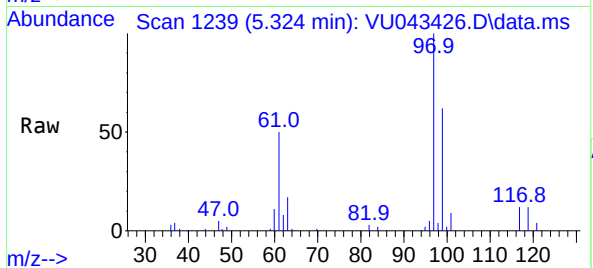




#29
1,1,1-Trichloroethane
Concen: 4.84 ug/L
RT: 5.324 min Scan# 1239
Delta R.T. -0.003 min
Lab File: VU043426.D
Acq: 29 Apr 2021 15:38

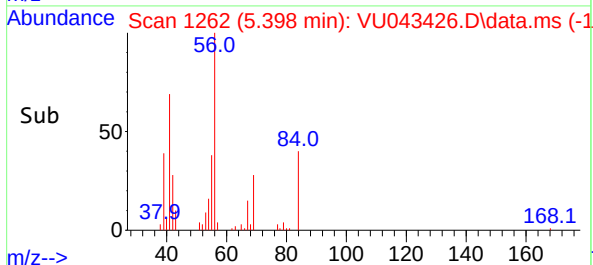
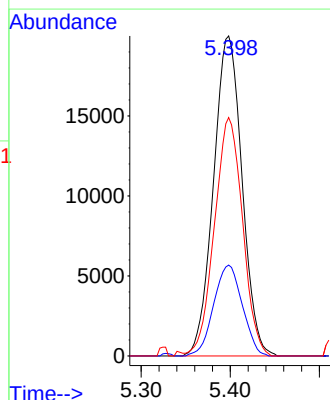
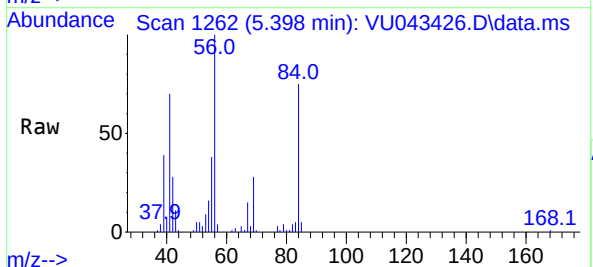
Instrument :
MSVOA_U
ClientSampleId :
H4474MS

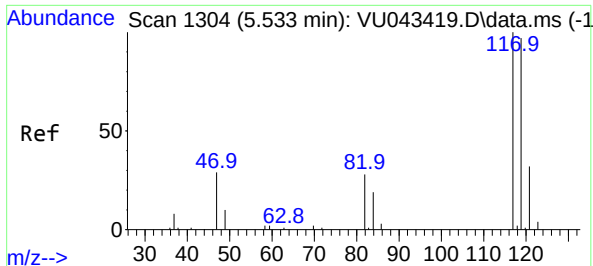
Tgt Ion: 97 Resp: 53361
Ion Ratio Lower Upper
97 100
99 64.2 50.3 75.5
61 51.0 32.7 49.1#



#30
Cyclohexane
Concen: 4.71 ug/L
RT: 5.398 min Scan# 1262
Delta R.T. 0.000 min
Lab File: VU043426.D
Acq: 29 Apr 2021 15:38

Tgt Ion: 56 Resp: 44548
Ion Ratio Lower Upper
56 100
69 28.5 25.2 37.8
84 73.4 76.2 114.4#

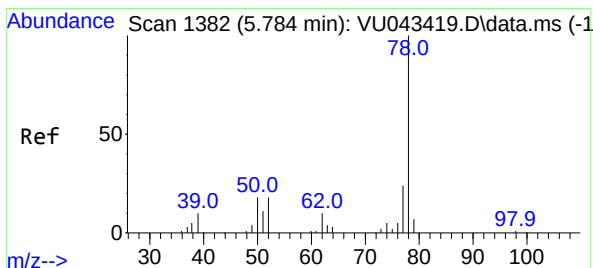
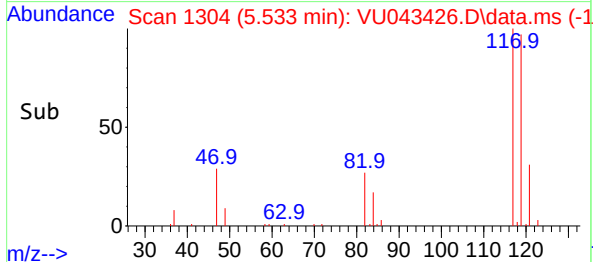
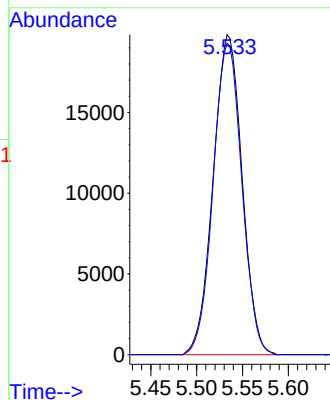
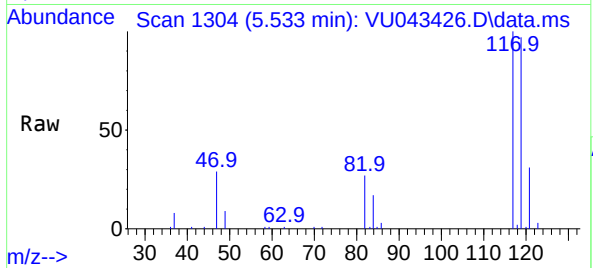




#31
Carbon tetrachloride
Concen: 4.72 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VU043426.D
Acq: 29 Apr 2021 15:38

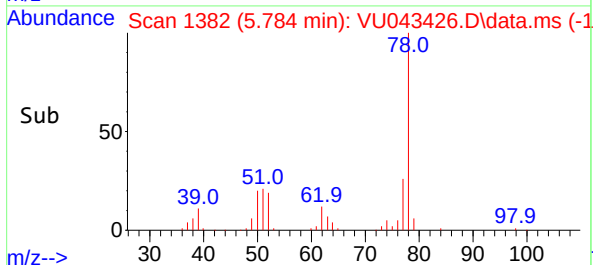
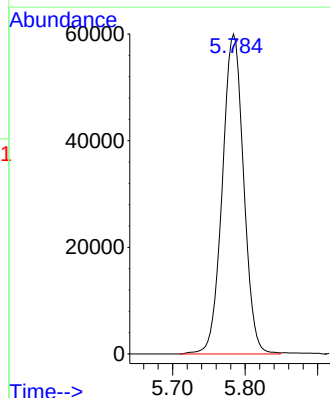
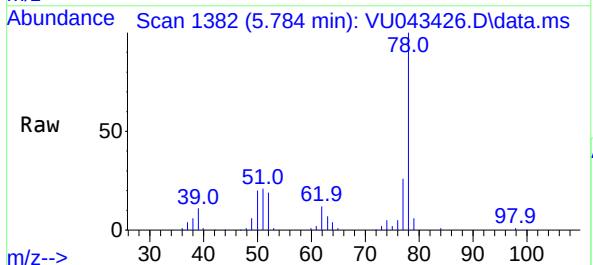
Instrument :
MSVOA_U
ClientSampleId :
H4474MS

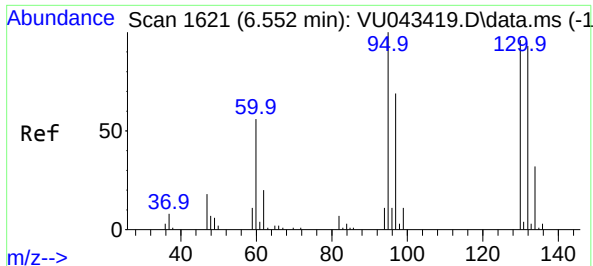
Tgt Ion:117 Resp: 43406
Ion Ratio Lower Upper
117 100
119 96.5 76.2 114.4



#33
Benzene
Concen: 5.12 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VU043426.D
Acq: 29 Apr 2021 15:38

Tgt Ion: 78 Resp: 122448



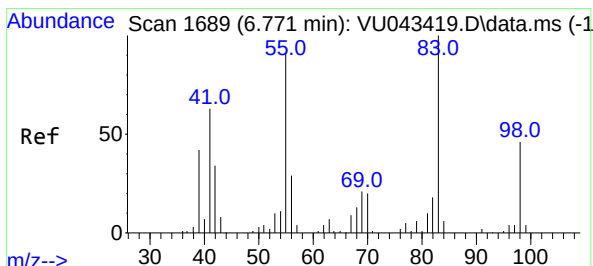
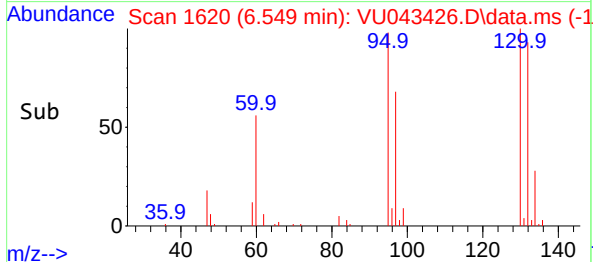
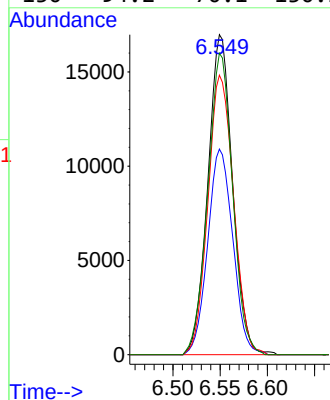
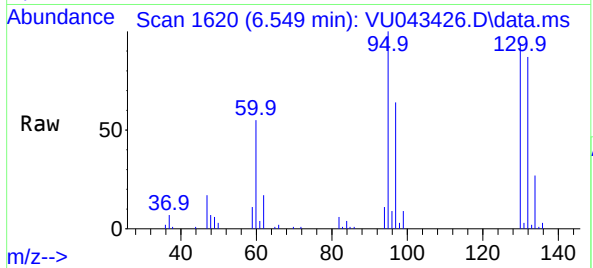


#34
Trichloroethene
Concen: 4.69 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.003 min
Lab File: VU043426.D
Acq: 29 Apr 2021 15:38

Instrument :
MSVOA_U
ClientSampleId :
H4474MS

Tgt Ion: 95 Resp: 30911

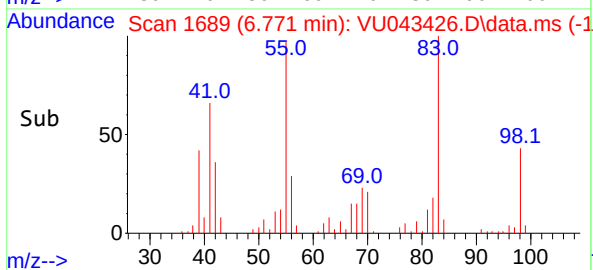
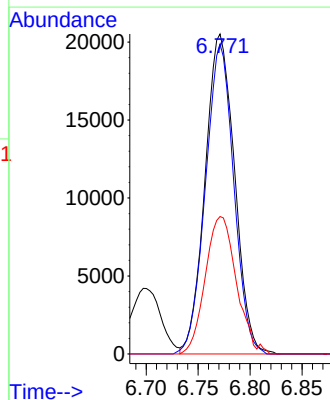
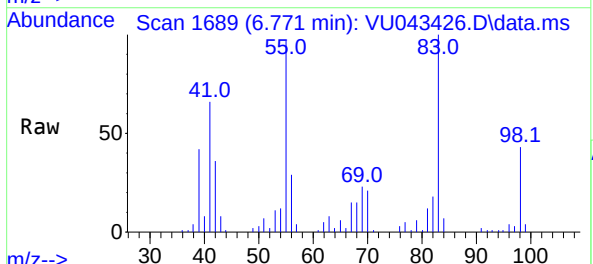
Ion	Ratio	Lower	Upper
95	100		
97	64.2	45.8	85.2
132	87.4	68.7	127.7
130	94.2	70.1	130.3

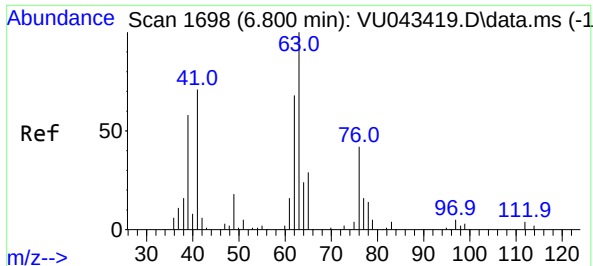


#35
Methylcyclohexane
Concen: 4.43 ug/L
RT: 6.771 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VU043426.D
Acq: 29 Apr 2021 15:38

Tgt Ion: 83 Resp: 40373

Ion	Ratio	Lower	Upper
83	100		
55	93.0	59.5	89.3#
98	44.7	37.9	56.9

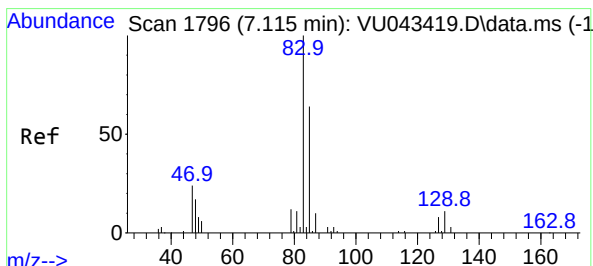
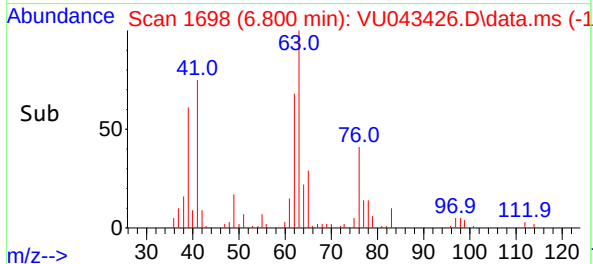
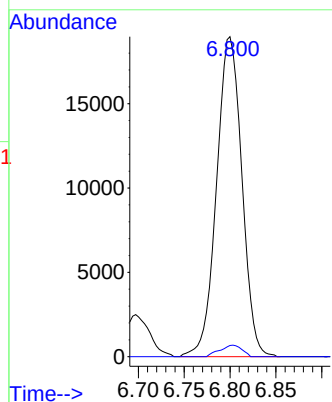
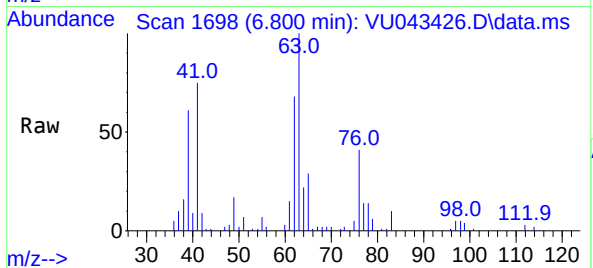




#37
1,2-Dichloropropane
Concen: 5.42 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VU043426.D
Acq: 29 Apr 2021 15:38

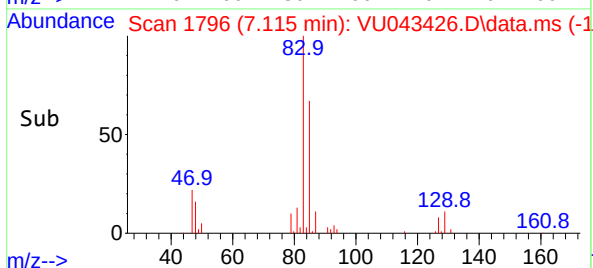
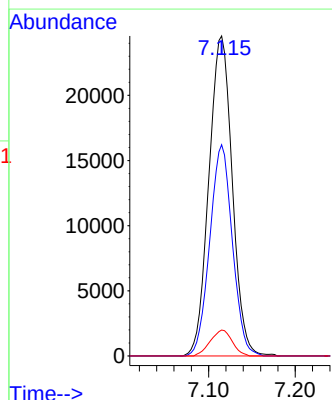
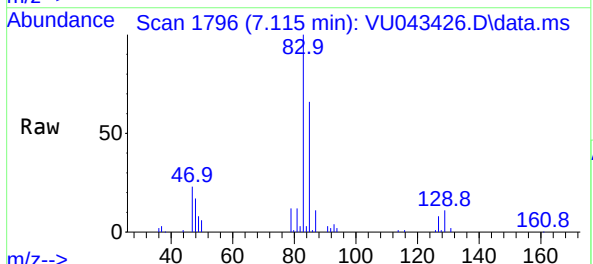
Instrument :
MSVOA_U
ClientSampleId :
H4474MS

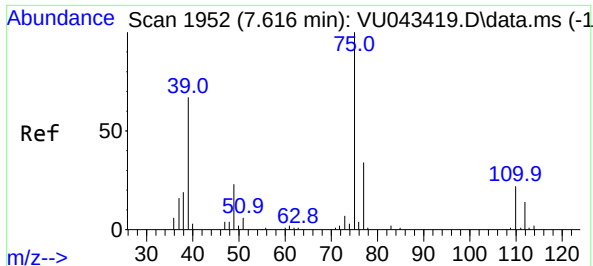
Tgt Ion: 63 Resp: 36475
Ion Ratio Lower Upper
63 100
112 3.1 3.5 5.3#



#38
Bromodichloromethane
Concen: 5.09 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VU043426.D
Acq: 29 Apr 2021 15:38

Tgt Ion: 83 Resp: 46021
Ion Ratio Lower Upper
83 100
85 66.0 44.6 82.8
127 8.1 7.4 11.2

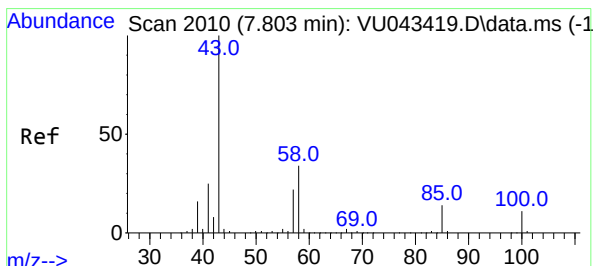
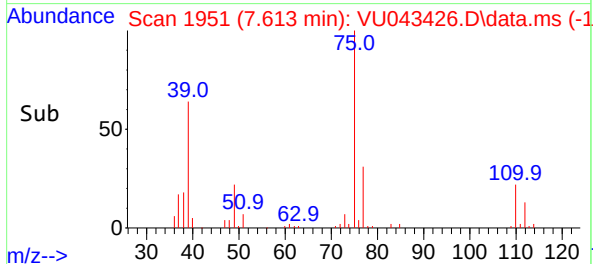
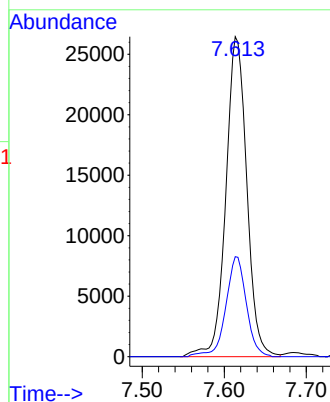
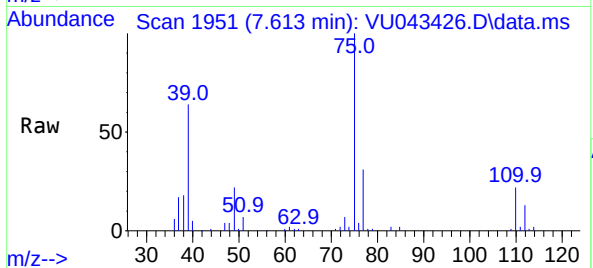




#39
cis-1,3-Dichloropropene
Concen: 4.78 ug/L
RT: 7.613 min Scan# 1951
Delta R.T. -0.003 min
Lab File: VU043426.D
Acq: 29 Apr 2021 15:38

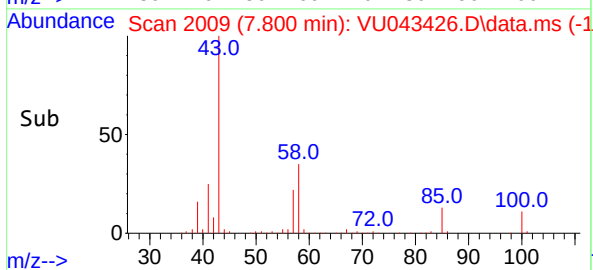
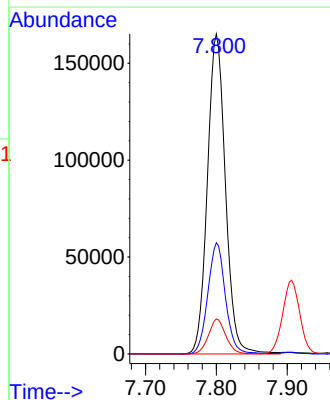
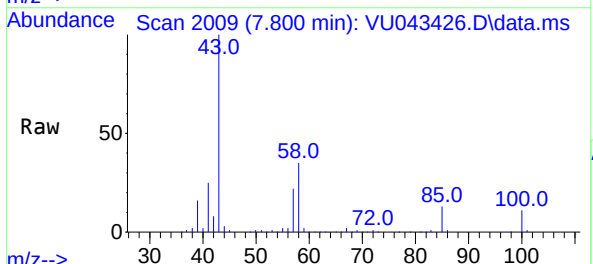
Instrument :
MSVOA_U
ClientSampleId :
H4474MS

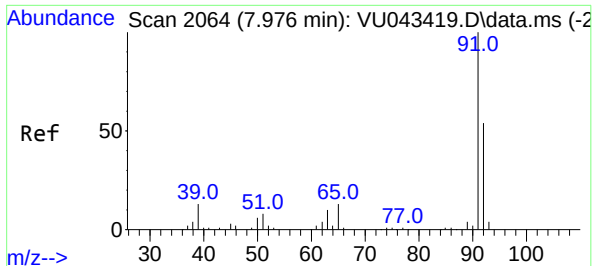
Tgt Ion: 75 Resp: 46987
Ion Ratio Lower Upper
75 100
77 31.3 21.8 40.6



#40
4-Methyl-2-pentanone
Concen: 48.44 ug/L
RT: 7.800 min Scan# 2009
Delta R.T. -0.003 min
Lab File: VU043426.D
Acq: 29 Apr 2021 15:38

Tgt Ion: 43 Resp: 291681
Ion Ratio Lower Upper
43 100
58 33.9 35.8 53.6#
100 10.6 15.1 22.7#





#42

Toluene

Concen: 4.89 ug/L

RT: 7.977 min Scan# 2064

Delta R.T. 0.000 min

Lab File: VU043426.D

Acq: 29 Apr 2021 15:38

Tgt Ion: 91 Resp: 130755

Ion Ratio Lower Upper

91 100

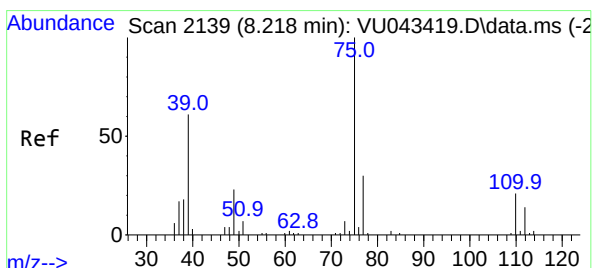
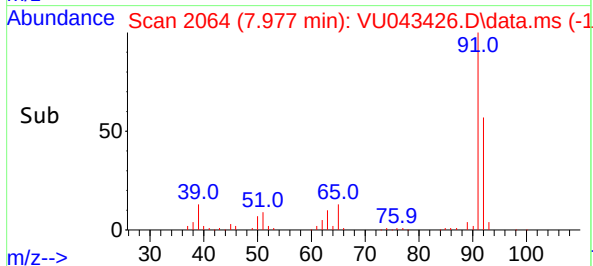
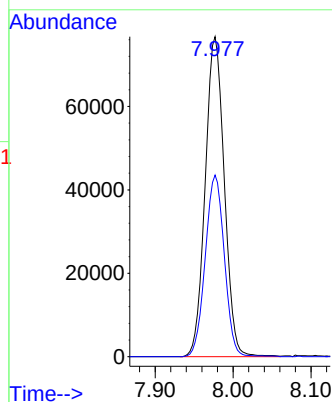
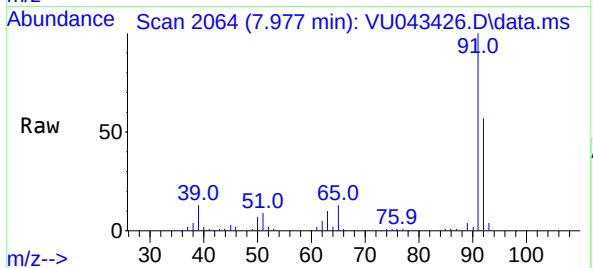
92 56.7 40.9 76.0

Instrument :

MSVOA_U

ClientSampleId :

H4474MS



#44

trans-1,3-Dichloropropene

Concen: 4.61 ug/L

RT: 8.218 min Scan# 2139

Delta R.T. 0.000 min

Lab File: VU043426.D

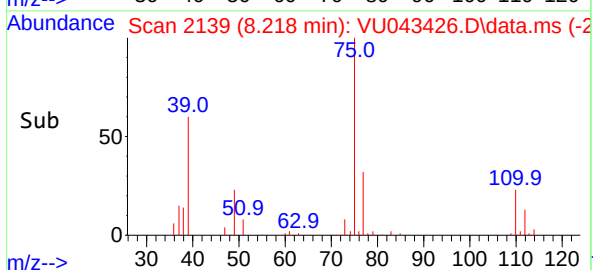
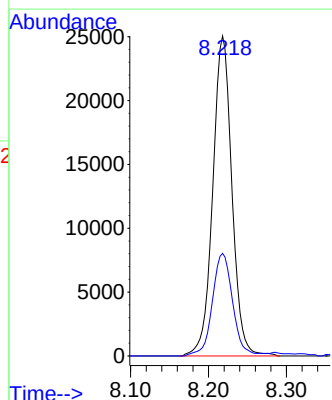
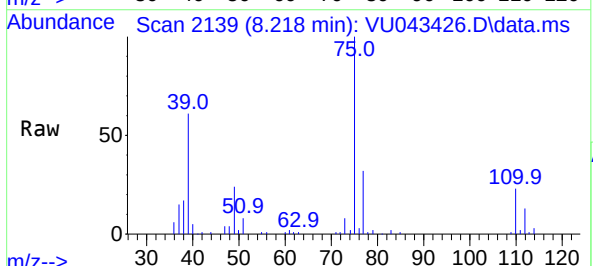
Acq: 29 Apr 2021 15:38

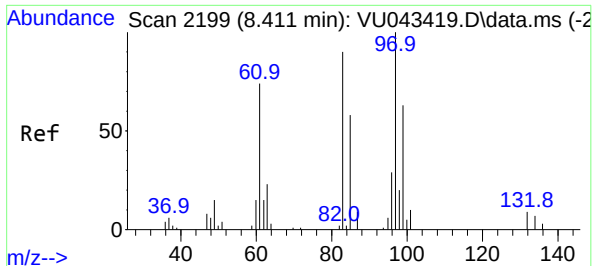
Tgt Ion: 75 Resp: 42756

Ion Ratio Lower Upper

75 100

77 32.0 23.4 43.4





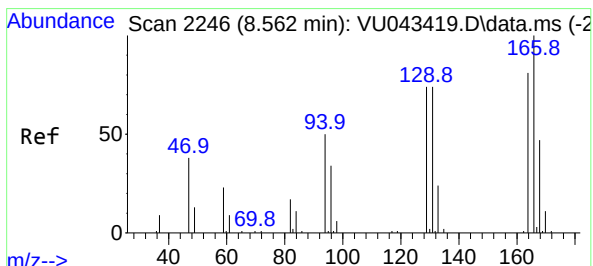
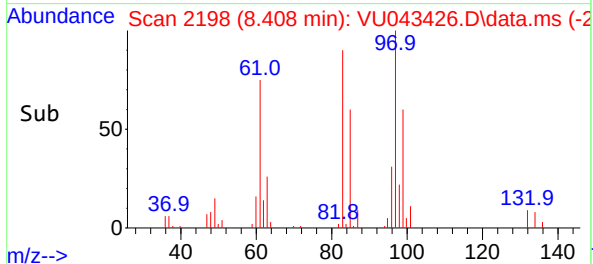
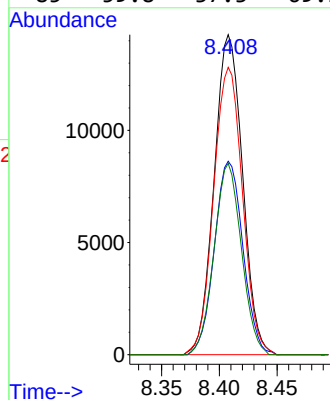
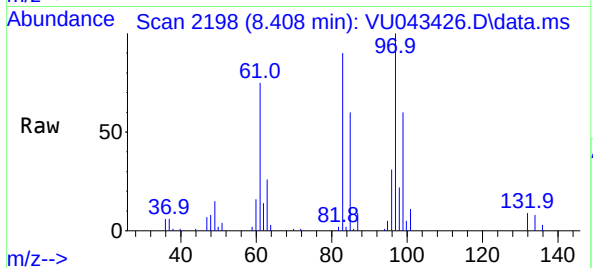
#45

1,1,2-Trichloroethane
Concen: 4.85 ug/L
RT: 8.408 min Scan# 2198
Delta R.T. -0.003 min
Lab File: VU043426.D
Acq: 29 Apr 2021 15:38

Instrument :
MSVOA_U
ClientSampleId :
H4474MS

Tgt Ion: 97 Resp: 24405

Ion	Ratio	Lower	Upper
97	100		
99	60.4	44.2	82.0
83	89.8	60.1	111.7
85	59.8	37.3	69.3

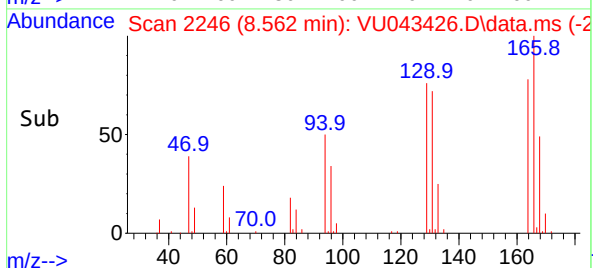
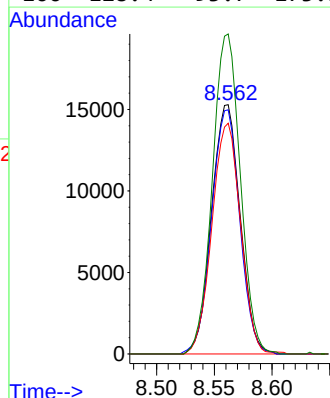
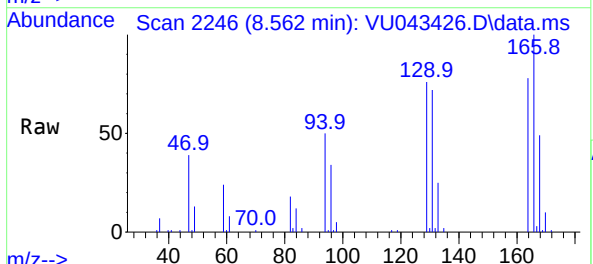


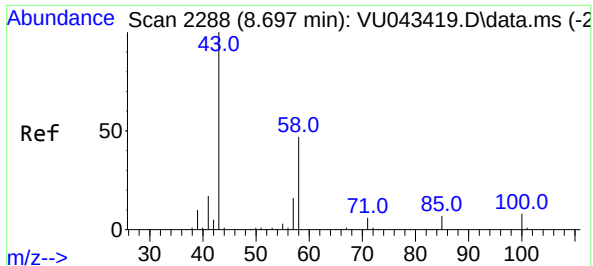
#47

Tetrachloroethene
Concen: 5.05 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VU043426.D
Acq: 29 Apr 2021 15:38

Tgt Ion: 164 Resp: 26356

Ion	Ratio	Lower	Upper
164	100		
129	97.9	66.6	123.8
131	92.6	65.9	122.3
166	128.4	93.7	173.9

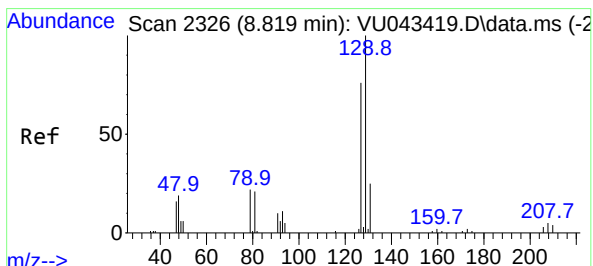
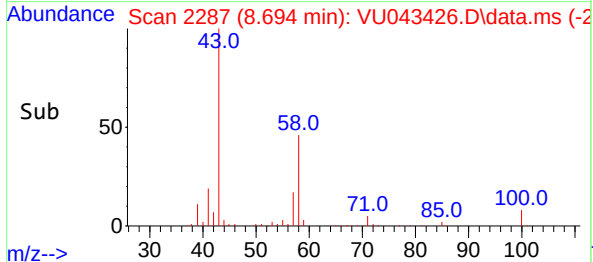
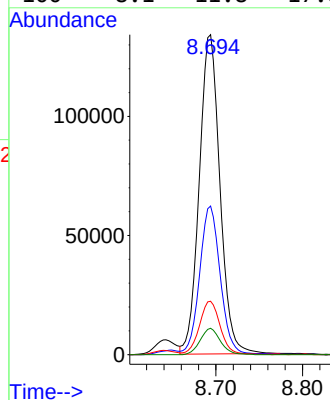
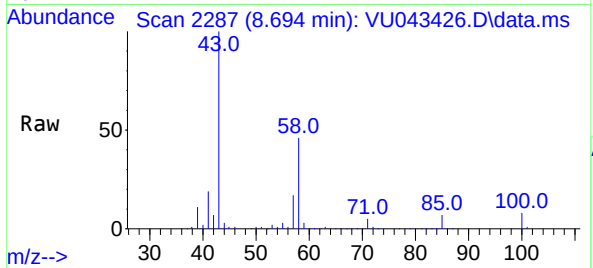




#48
2-Hexanone
Concen: 50.18 ug/L
RT: 8.694 min Scan# 2287
Delta R.T. -0.003 min
Lab File: VU043426.D
Acq: 29 Apr 2021 15:38

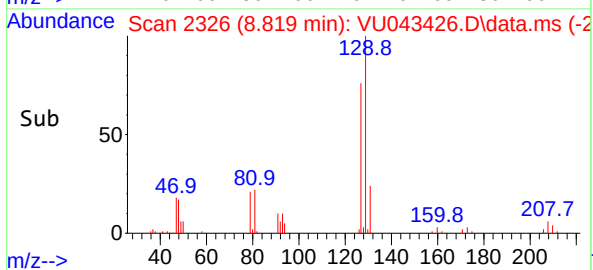
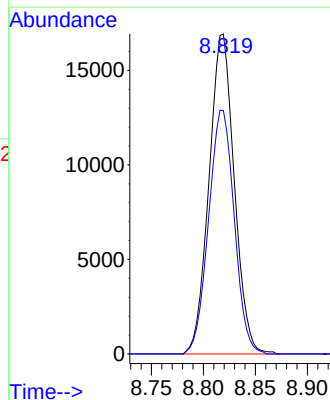
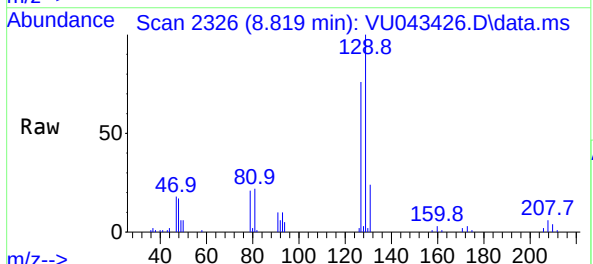
Instrument :
MSVOA_U
ClientSampleId :
H4474MS

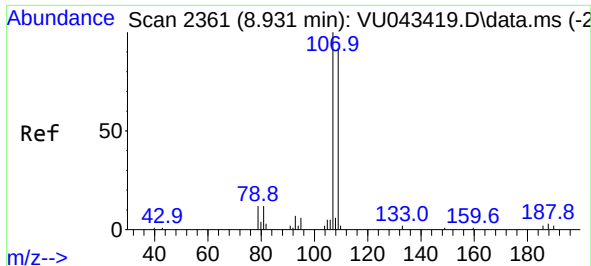
Tgt Ion: 43 Resp: 222347
Ion Ratio Lower Upper
43 100
58 46.4 50.0 75.0#
57 17.0 17.4 26.0#
100 8.1 11.8 17.8#



#49
Dibromochloromethane
Concen: 4.51 ug/L
RT: 8.819 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VU043426.D
Acq: 29 Apr 2021 15:38

Tgt Ion: 129 Resp: 28603
Ion Ratio Lower Upper
129 100
127 76.1 56.6 105.2





#50

1,2-Dibromoethane

Concen: 4.48 ug/L

RT: 8.932 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VU043426.D

Acq: 29 Apr 2021 15:38

Instrument :

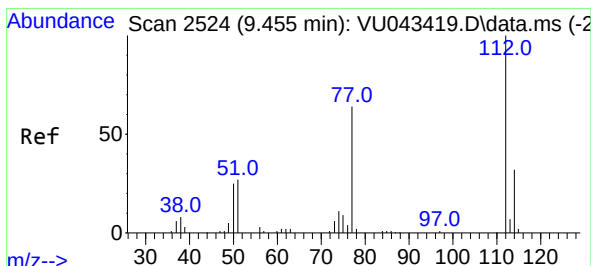
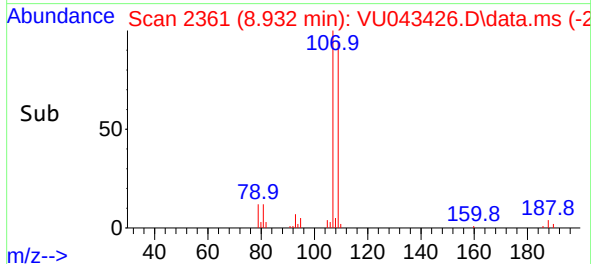
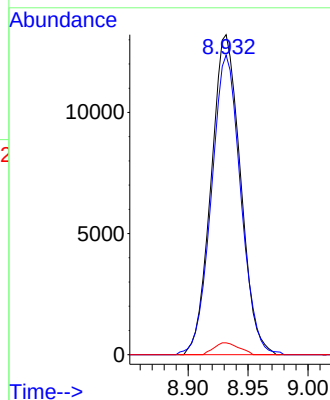
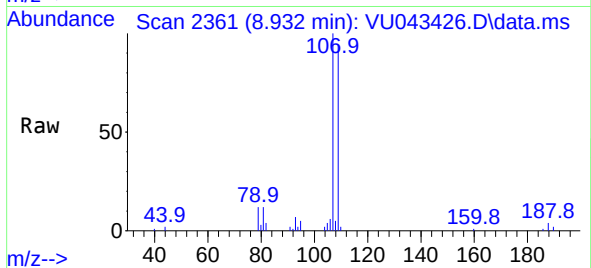
MSVOA_U

ClientSampleId :

H4474MS

Tgt Ion:107 Resp: 22428

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



#51

Chlorobenzene

Concen: 4.69 ug/L

RT: 9.453 min Scan# 2523

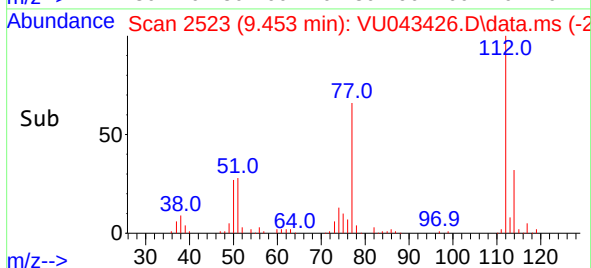
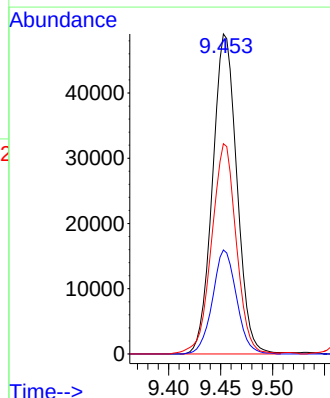
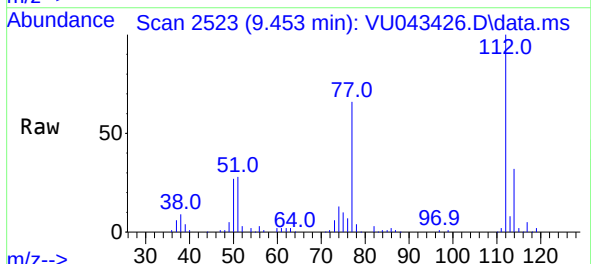
Delta R.T. -0.003 min

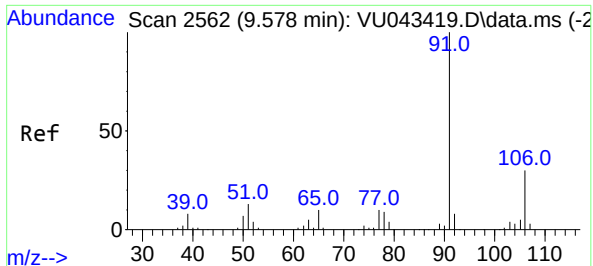
Lab File: VU043426.D

Acq: 29 Apr 2021 15:38

Tgt Ion:112 Resp: 79892

Ion	Ratio	Lower	Upper
112	100		
114	32.5	21.9	40.7
77	65.7	45.1	67.7

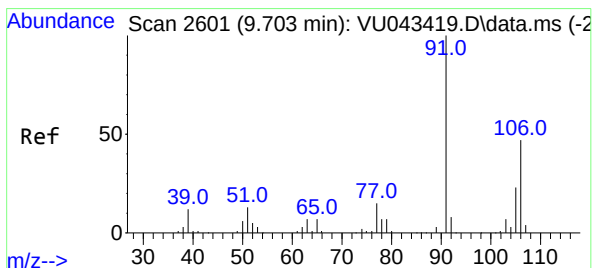
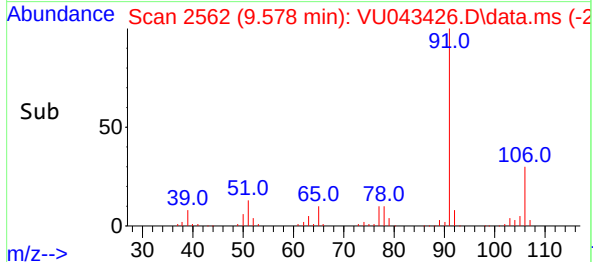
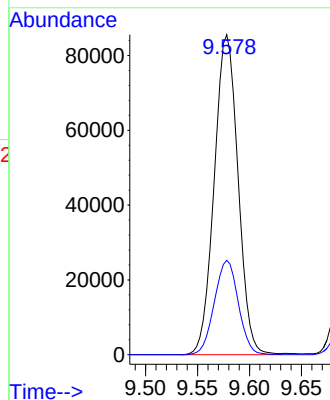
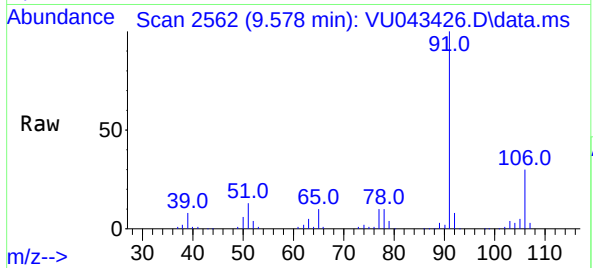




#52
Ethylbenzene
Concen: 4.46 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. 0.000 min
Lab File: VU043426.D
Acq: 29 Apr 2021 15:38

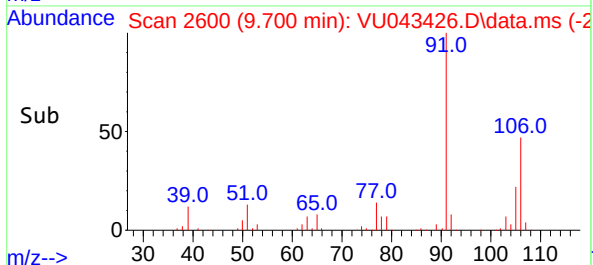
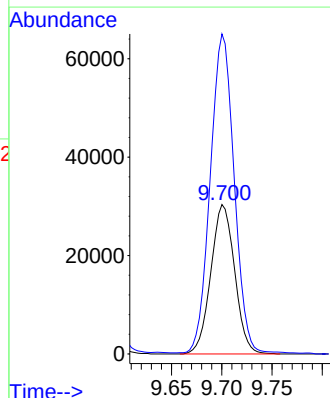
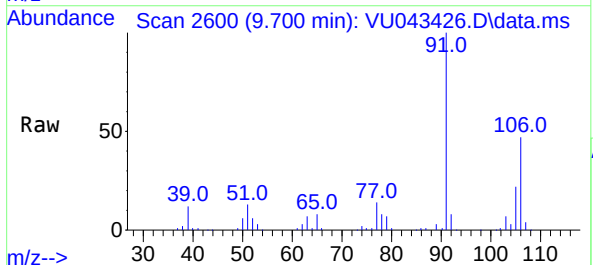
Instrument :
MSVOA_U
ClientSampled :
H4474MS

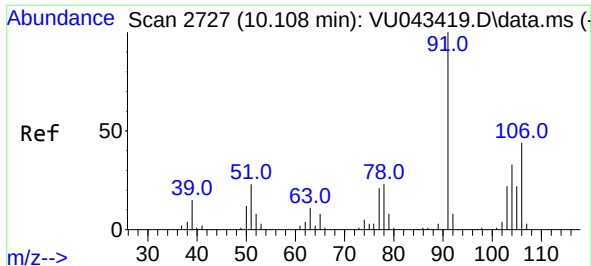
Tgt Ion: 91 Resp: 136265
Ion Ratio Lower Upper
91 100
106 29.5 22.0 40.8



#53
m,p-Xylene
Concen: 4.48 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. -0.003 min
Lab File: VU043426.D
Acq: 29 Apr 2021 15:38

Tgt Ion: 106 Resp: 50089
Ion Ratio Lower Upper
106 100
91 214.1 137.6 255.6

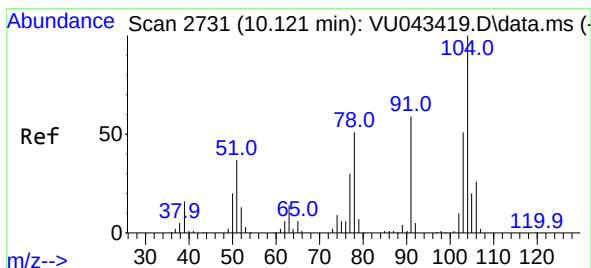
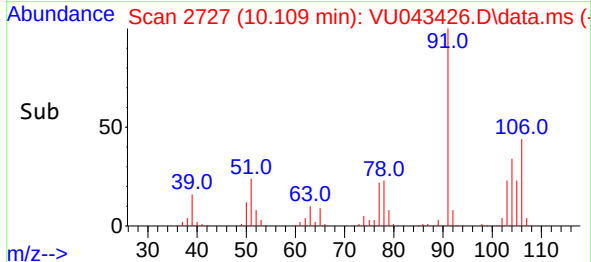
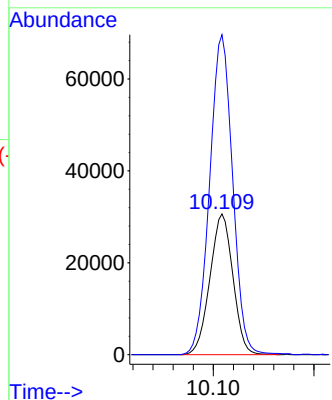
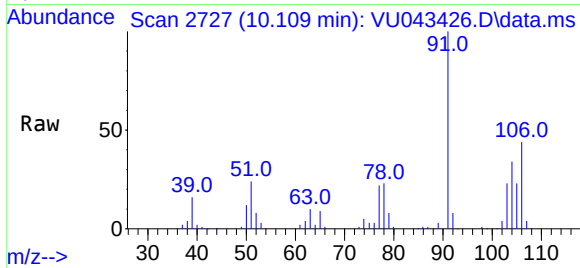




#54
o-Xylene
Concen: 4.39 ug/L
RT: 10.109 min Scan# 2727
Delta R.T. 0.000 min
Lab File: VU043426.D
Acq: 29 Apr 2021 15:38

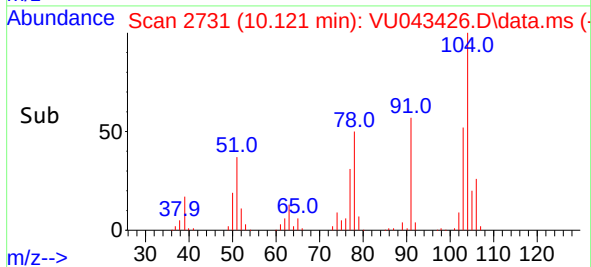
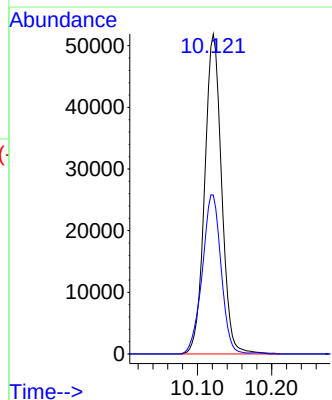
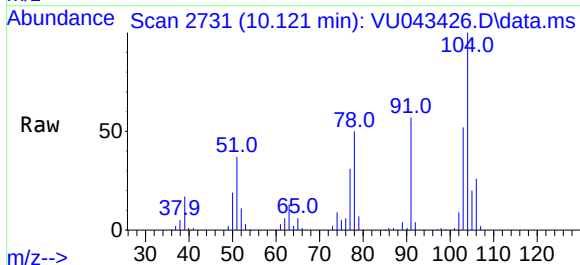
Instrument :
MSVOA_U
ClientSampled :
H4474MS

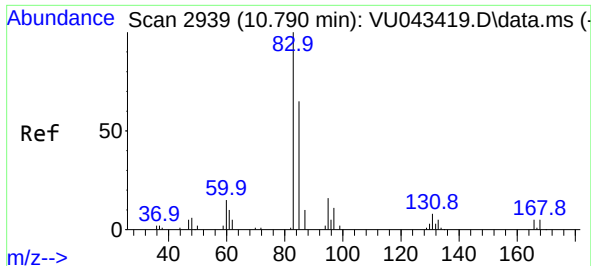
Tgt Ion:106 Resp: 48682
Ion Ratio Lower Upper
106 100
91 227.2 148.5 275.9



#55
Styrene
Concen: 4.33 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. 0.000 min
Lab File: VU043426.D
Acq: 29 Apr 2021 15:38

Tgt Ion:104 Resp: 82156
Ion Ratio Lower Upper
104 100
78 49.6 32.3 60.1

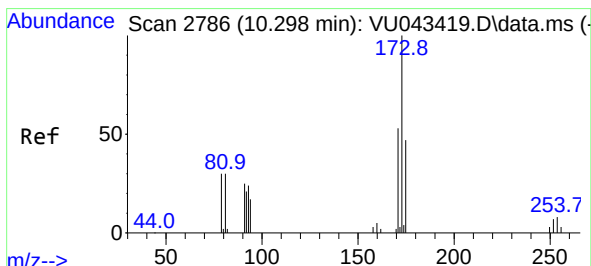
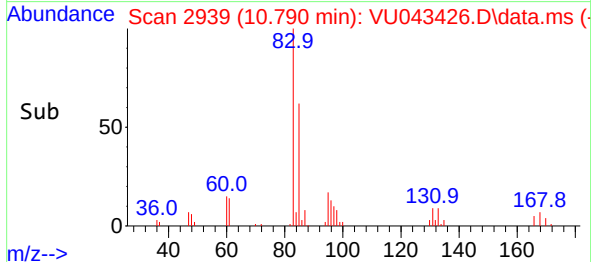
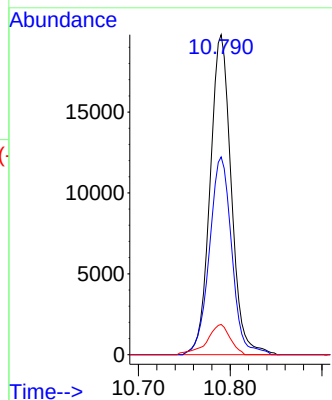
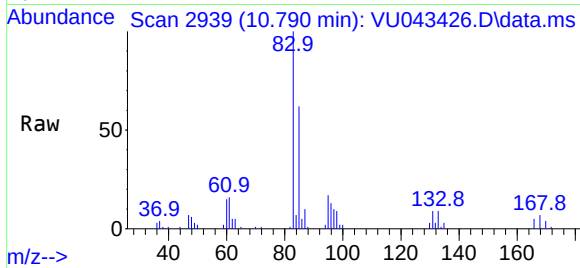




#57
1,1,2,2-Tetrachloroethane
Concen: 4.79 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. 0.000 min
Lab File: VU043426.D
Acq: 29 Apr 2021 15:38

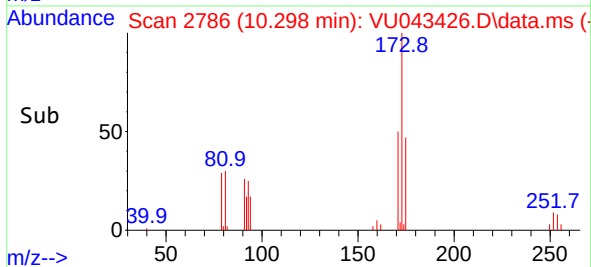
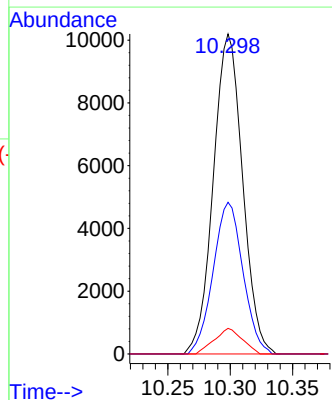
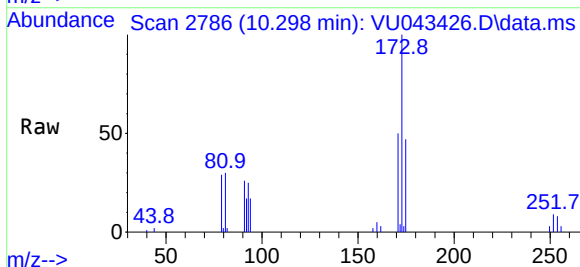
Instrument :
MSVOA_U
ClientSampleId :
H4474MS

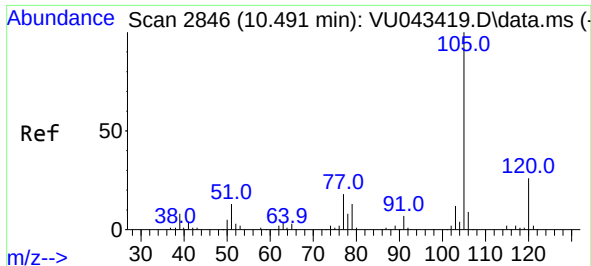
Tgt Ion: 83 Resp: 31700
Ion Ratio Lower Upper
83 100
85 61.8 44.9 83.5
131 9.5 8.2 12.4



#59
Bromoform
Concen: 4.29 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VU043426.D
Acq: 29 Apr 2021 15:38

Tgt Ion:173 Resp: 16648
Ion Ratio Lower Upper
173 100
175 48.3 39.4 59.0
254 7.6 8.0 12.0#

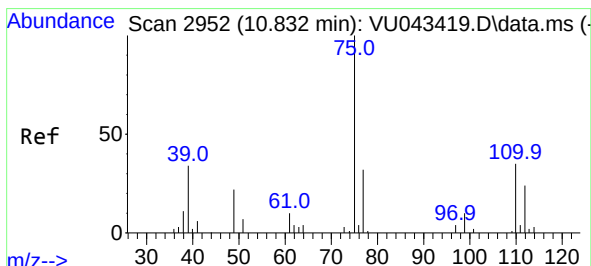
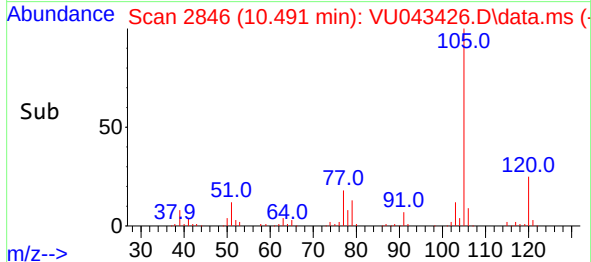
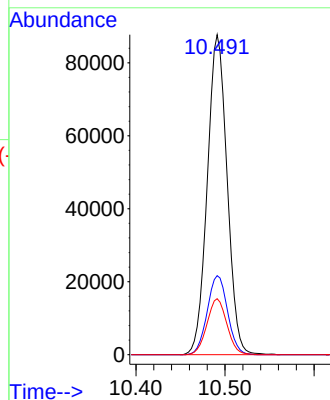
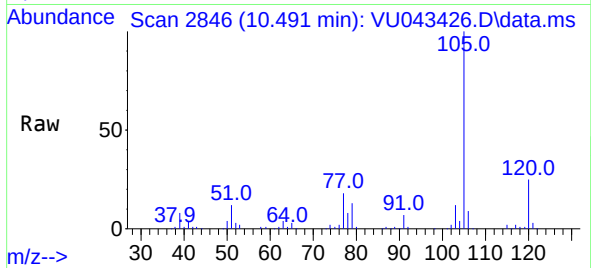




#60
Isopropylbenzene
Concen: 4.44 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. 0.000 min
Lab File: VU043426.D
Acq: 29 Apr 2021 15:38

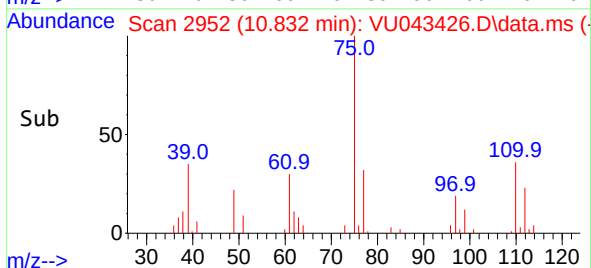
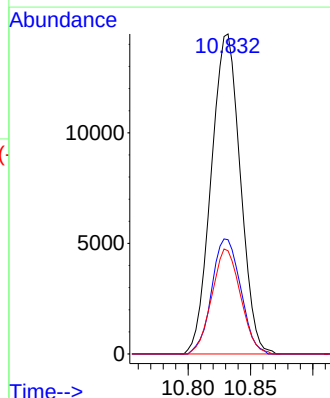
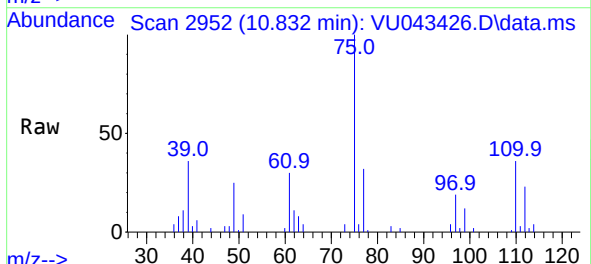
Instrument :
MSVOA_U
ClientSampled :
H4474MS

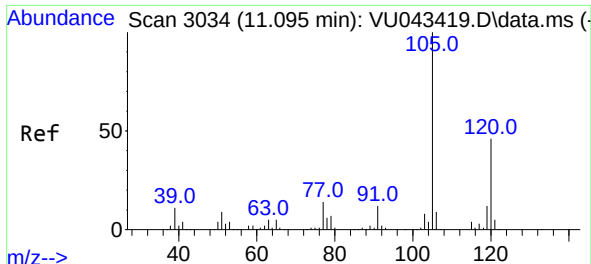
Tgt Ion:105 Resp: 135314
Ion Ratio Lower Upper
105 100
120 25.3 20.9 31.3
77 17.6 11.8 17.8



#61
1,2,3-Trichloropropane
Concen: 4.80 ug/L
RT: 10.832 min Scan# 2952
Delta R.T. 0.000 min
Lab File: VU043426.D
Acq: 29 Apr 2021 15:38

Tgt Ion: 75 Resp: 23522
Ion Ratio Lower Upper
75 100
110 35.8 31.5 47.3
77 32.3 26.3 39.5

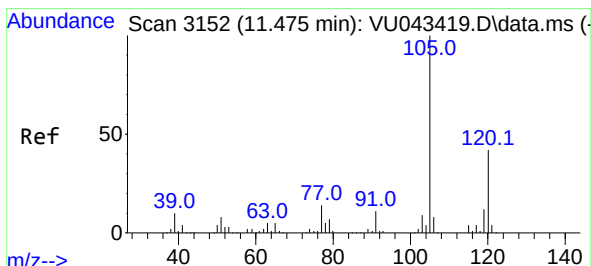
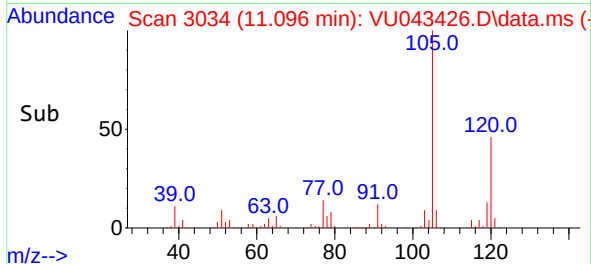
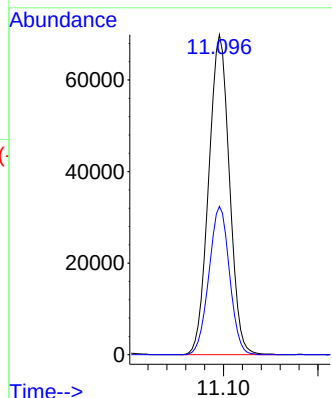
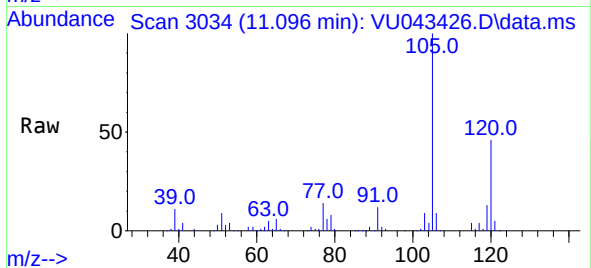




#62
1,3,5-Trimethylbenzene
Concen: 4.27 ug/L
RT: 11.096 min Scan# 3034
Delta R.T. 0.000 min
Lab File: VU043426.D
Acq: 29 Apr 2021 15:38

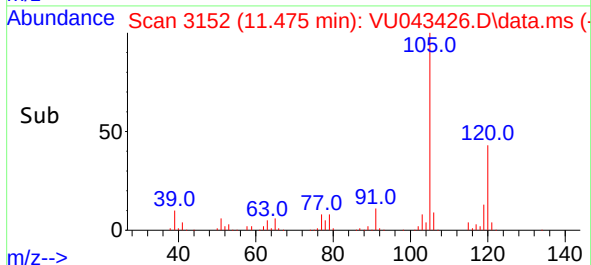
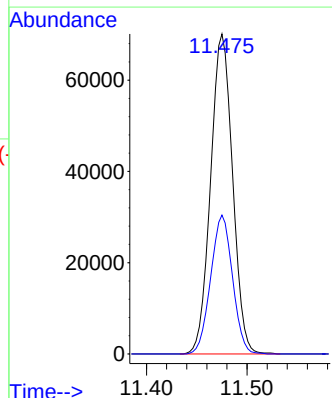
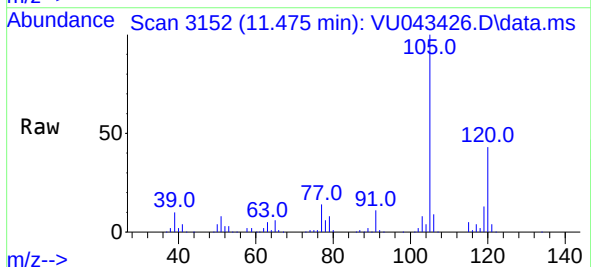
Instrument :
MSVOA_U
ClientSampleId :
H4474MS

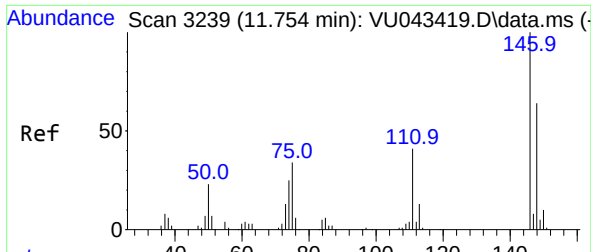
Tgt Ion:105 Resp: 106463
Ion Ratio Lower Upper
105 100
120 45.9 39.5 59.3



#63
1,2,4-Trimethylbenzene
Concen: 4.16 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VU043426.D
Acq: 29 Apr 2021 15:38

Tgt Ion:105 Resp: 106448
Ion Ratio Lower Upper
105 100
120 43.1 36.7 55.1

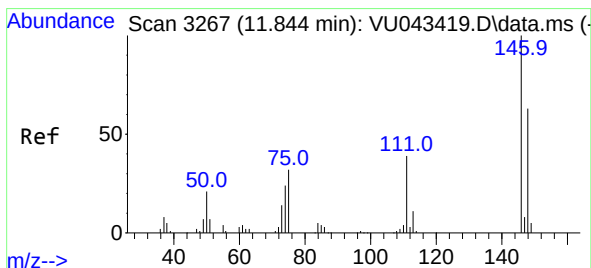
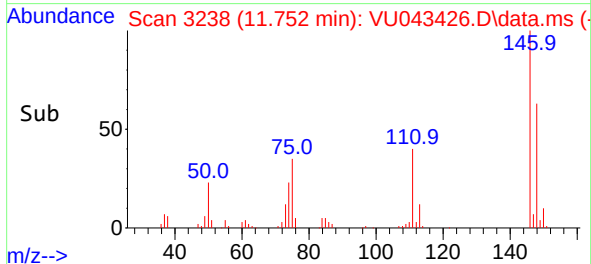
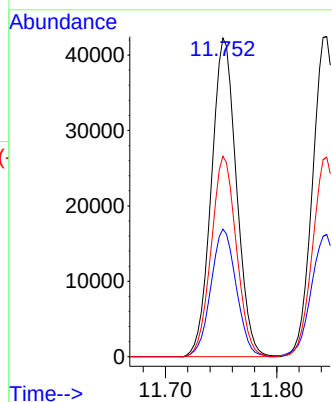
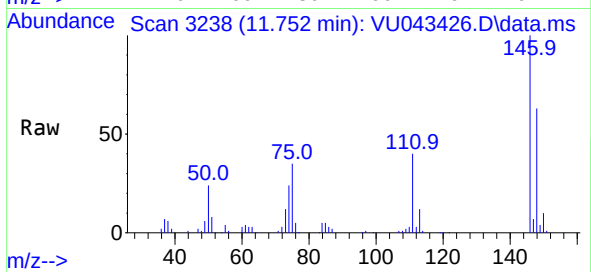




#64
1,3-Dichlorobenzene
Concen: 4.57 ug/L
RT: 11.752 min Scan# 3238
Delta R.T. -0.003 min
Lab File: VU043426.D
Acq: 29 Apr 2021 15:38

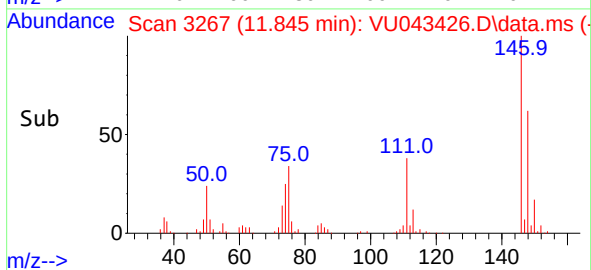
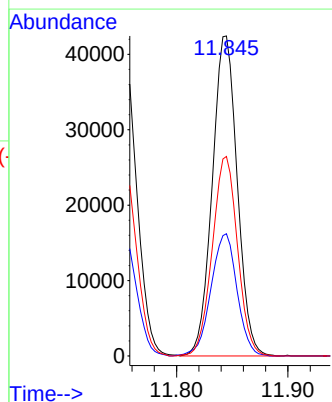
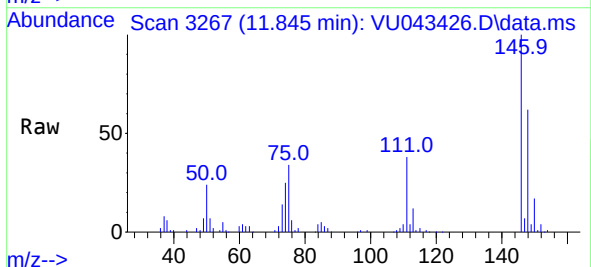
Instrument :
MSVOA_U
ClientSampled :
H4474MS

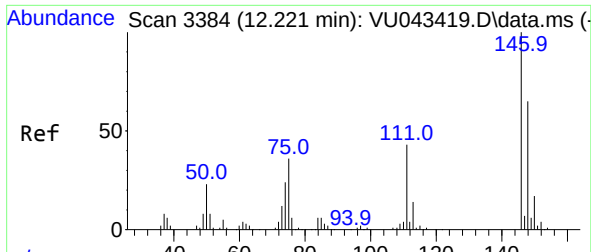
Tgt Ion:146 Resp: 66115
Ion Ratio Lower Upper
146 100
111 40.0 27.6 51.2
148 62.9 44.9 83.3



#65
1,4-Dichlorobenzene
Concen: 4.51 ug/L
RT: 11.845 min Scan# 3267
Delta R.T. 0.000 min
Lab File: VU043426.D
Acq: 29 Apr 2021 15:38

Tgt Ion:146 Resp: 66116
Ion Ratio Lower Upper
146 100
111 38.2 26.7 49.5
148 62.4 43.9 81.5



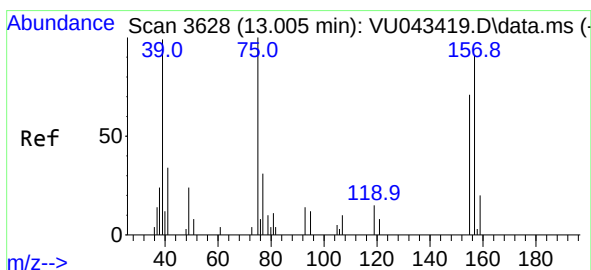
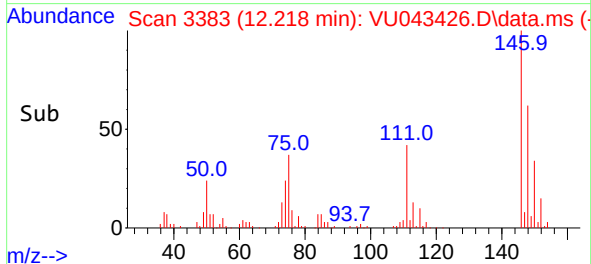
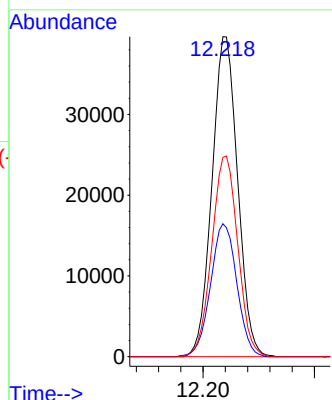
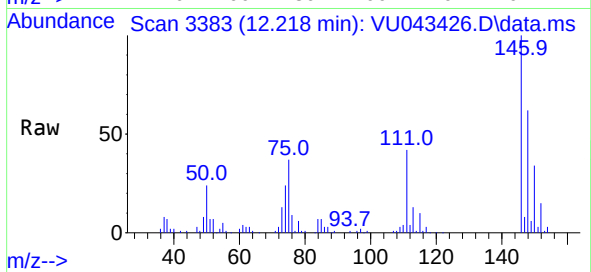


#67
1,2-Dichlorobenzene
Concen: 4.51 ug/L
RT: 12.218 min Scan# 3383
Delta R.T. -0.003 min
Lab File: VU043426.D
Acq: 29 Apr 2021 15:38

Instrument :
MSVOA_U
ClientSampleId :
H4474MS

Tgt Ion:146 Resp: 63391

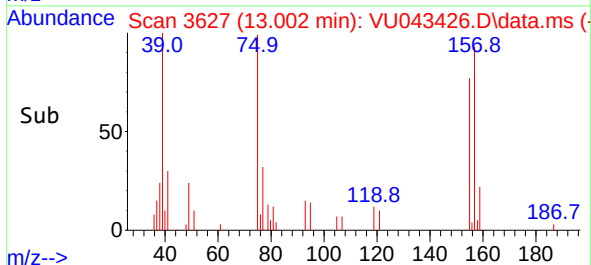
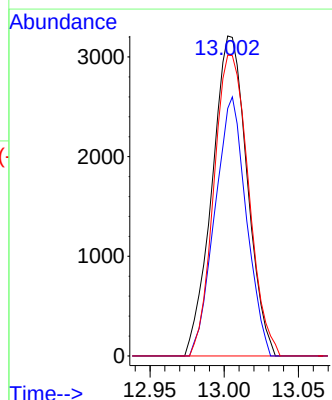
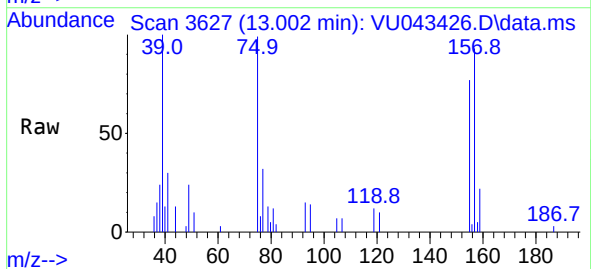
Ion	Ratio	Lower	Upper
146	100		
111	41.5	31.9	47.9
148	62.3	48.8	73.2

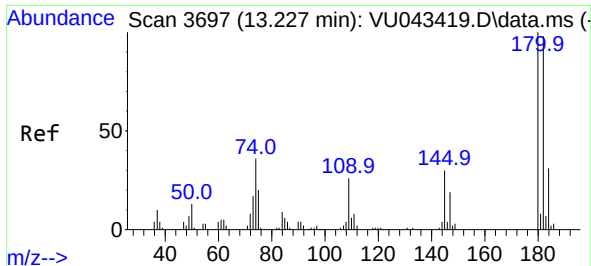


#68
1,2-Dibromo-3-chloropropane
Concen: 4.41 ug/L
RT: 13.002 min Scan# 3627
Delta R.T. -0.003 min
Lab File: VU043426.D
Acq: 29 Apr 2021 15:38

Tgt Ion: 75 Resp: 5268

Ion	Ratio	Lower	Upper
75	100		
155	77.4	67.8	101.8
157	94.0	82.4	123.6



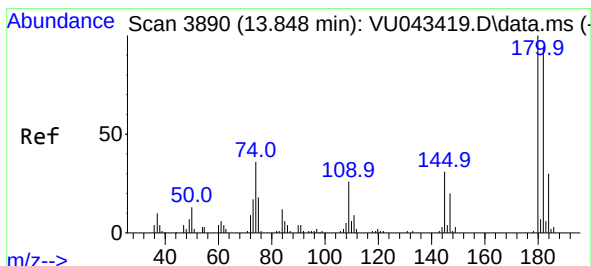
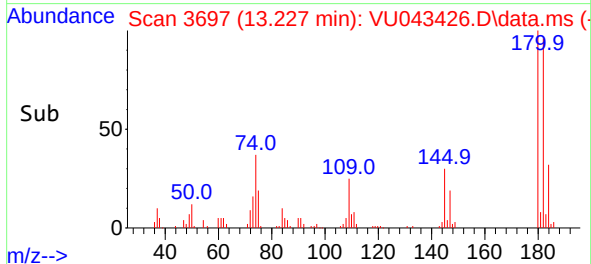
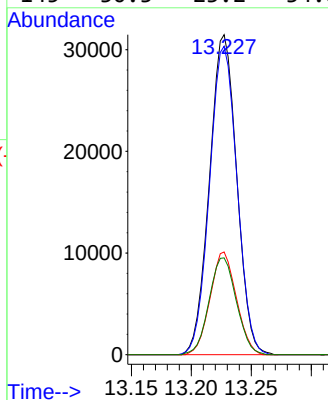
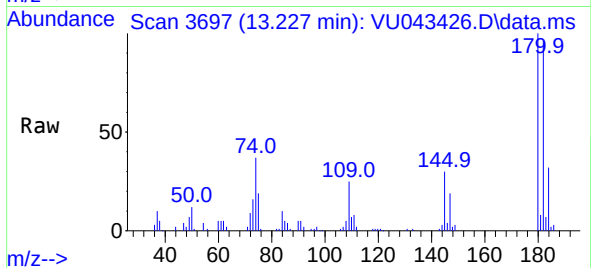


#69
1,3,5-Trichlorobenzene
Concen: 4.19 ug/L
RT: 13.227 min Scan# 3697
Delta R.T. 0.000 min
Lab File: VU043426.D
Acq: 29 Apr 2021 15:38

Instrument :
MSVOA_U
ClientSampleId :
H4474MS

Tgt Ion:180 Resp: 49722

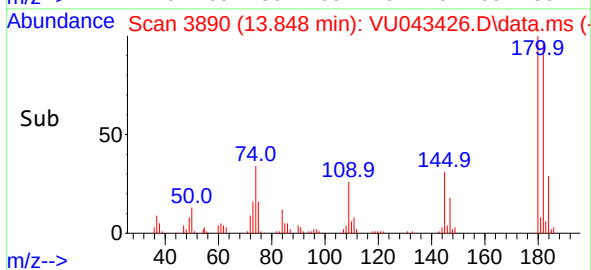
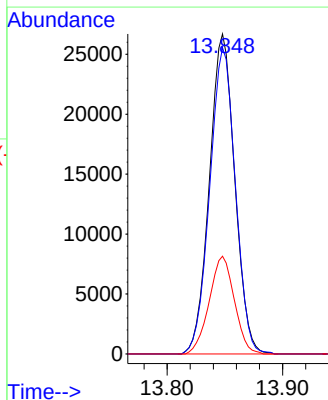
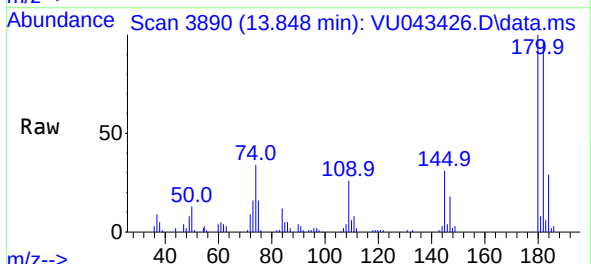
Ion	Ratio	Lower	Upper
180	100		
182	97.0	76.1	114.1
184	30.9	24.0	36.0
145	30.3	23.2	34.8

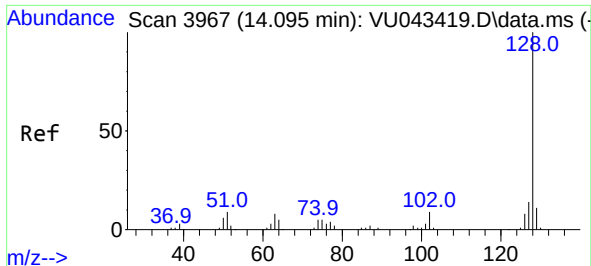


#70
1,2,4-trichlorobenzene
Concen: 4.14 ug/L
RT: 13.848 min Scan# 3890
Delta R.T. 0.000 min
Lab File: VU043426.D
Acq: 29 Apr 2021 15:38

Tgt Ion:180 Resp: 40675

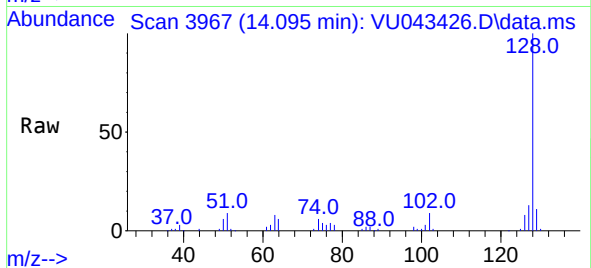
Ion	Ratio	Lower	Upper
180	100		
182	96.5	76.5	114.7
145	30.3	24.1	36.1





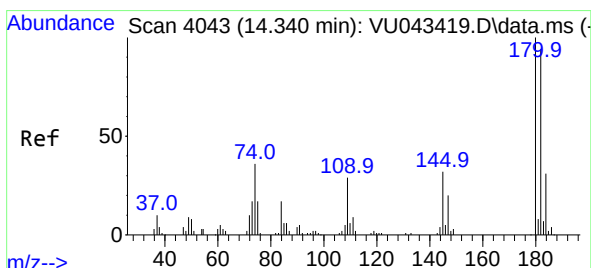
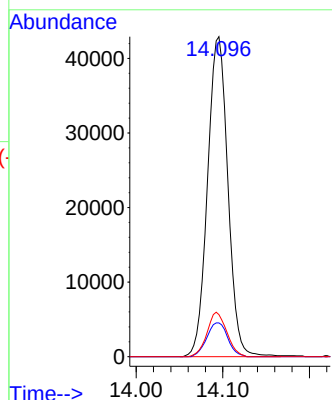
#71
Naphthalene
Concen: 4.23 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. 0.000 min
Lab File: VU043426.D
Acq: 29 Apr 2021 15:38

Instrument :
MSVOA_U
ClientSampled :
H4474MS

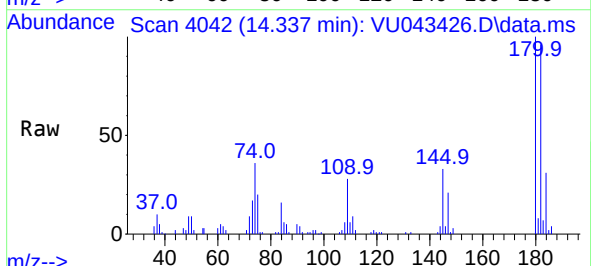


Tgt Ion:128 Resp: 70075

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.6	12.8
127	13.5	10.6	15.8



#72
1,2,3-Trichlorobenzene
Concen: 4.37 ug/L
RT: 14.337 min Scan# 4042
Delta R.T. -0.003 min
Lab File: VU043426.D
Acq: 29 Apr 2021 15:38



Tgt Ion:180 Resp: 39356

Ion	Ratio	Lower	Upper
180	100		
182	95.6	75.8	113.8
145	32.0	25.0	37.4

