

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042121\
 Data File : VU043253.D
 Acq On : 21 Apr 2021 16:19
 Operator : SY/MD
 Sample : M2088-08MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4487MSD

Quant Time: Apr 22 04:43:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 22 04:40:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	82103	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	81839	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	43961	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	18669	4.47	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.40%
7) Chloroethane-d5	1.919	69	18685	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.00%
11) 1,1-Dichloroethene-d2	2.571	65	11761	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.40%
20) 2-Butanone-d5	4.645	46	114769	62.68	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.36%
24) Chloroform-d	5.073	84	58762	5.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.80%
26) 1,2-Dichloroethane-d4	5.713	65	34971	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
32) Benzene-d6	5.735	84	98647	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.60%
36) 1,2-Dichloropropane-d6	6.700	67	33864	5.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.20%
41) Toluene-d8	7.906	98	92389	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
43) trans-1,3-Dichloroprop...	8.185	79	13903	4.98	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.60%
46) 2-Hexanone-d5	8.642	63	71774	51.57	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.14%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	30353	5.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.20%
66) 1,2-Dichlorobenzene-d4	12.201	152	38964	5.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.40%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	14847	2.82	ug/L	98
3) Chloromethane	1.523	50	19213	3.71	ug/L	98
5) Vinyl chloride	1.610	62	22511	4.17	ug/L	# 41
6) Bromomethane	1.864	94	12823	3.98	ug/L	92
8) Chloroethane	1.941	64	19185	4.94	ug/L	85
9) Trichlorofluoromethane	2.144	101	45330	4.51	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	26186	4.83	ug/L	95
12) 1,1-Dichloroethene	2.588	96	22693	4.97	ug/L	77
13) Acetone	2.658	43	78213	58.13	ug/L	# 63
14) Carbon disulfide	2.800	76	68961	5.93	ug/L	99
15) Methyl Acetate	2.967	43	17335	6.85	ug/L	# 82
16) Methylene chloride	3.057	84	28540	4.83	ug/L	80
17) Methyl tert-butyl Ether	3.372	73	578145	38.74	ug/L	# 92
18) trans-1,2-Dichloroethene	3.362	96	27134	5.58	ug/L	90
19) 1,1-Dichloroethane	3.880	63	59094	5.58	ug/L	98
21) 2-Butanone	4.723	43	127079	57.23	ug/L	84
22) cis-1,2-Dichloroethene	4.678	96	37481	6.50	ug/L	86
23) Bromochloromethane	4.983	128	14369	5.47	ug/L	# 78
25) Chloroform	5.096	83	60240	5.33	ug/L	99

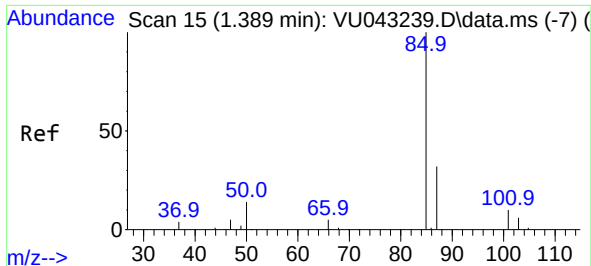
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042121\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	46381	5.60	ug/L #	95
29) 1,1,1-Trichloroethane	5.327	97	52260	5.17	ug/L #	93
30) Cyclohexane	5.398	56	45330	5.23	ug/L	85
31) Carbon tetrachloride	5.533	117	44776	5.32	ug/L	99
33) Benzene	5.784	78	121128	5.53	ug/L	100
34) Trichloroethene	6.549	95	40779	6.77	ug/L	95
35) Methylcyclohexane	6.771	83	44626	5.35	ug/L	89
37) 1,2-Dichloropropane	6.800	63	33405	5.42	ug/L	98
38) Bromodichloromethane	7.115	83	44353	5.36	ug/L	98
39) cis-1,3-Dichloropropene	7.613	75	47098	5.23	ug/L	97
40) 4-Methyl-2-pentanone	7.800	43	317165	57.54	ug/L #	83
42) Toluene	7.976	91	130417	5.33	ug/L	98
44) trans-1,3-Dichloropropene	8.218	75	44262	5.22	ug/L	95
45) 1,1,2-Trichloroethane	8.407	97	25097	5.45	ug/L	96
47) Tetrachloroethene	8.558	164	27553	5.77	ug/L	91
48) 2-Hexanone	8.693	43	248736	61.33	ug/L #	82
49) Dibromochloromethane	8.819	129	31219	5.37	ug/L	95
50) 1,2-Dibromoethane	8.931	107	23690	5.17	ug/L #	99
51) Chlorobenzene	9.452	112	81899	5.25	ug/L	91
52) Ethylbenzene	9.578	91	141936	5.07	ug/L	98
53) m,p-Xylene	9.700	106	53435	5.22	ug/L	90
54) o-Xylene	10.108	106	52544	5.18	ug/L	97
55) Styrene	10.121	104	90372	5.20	ug/L	91
57) 1,1,2,2-Tetrachloroethane	10.790	83	34031	5.62	ug/L	98
59) Bromoform	10.298	173	18654	5.19	ug/L	98
60) Isopropylbenzene	10.491	105	141978	5.03	ug/L #	97
61) 1,2,3-Trichloropropane	10.828	75	25741	5.67	ug/L	98
62) 1,3,5-Trimethylbenzene	11.095	105	115907	5.02	ug/L	96
63) 1,2,4-Trimethylbenzene	11.475	105	118160	4.98	ug/L	97
64) 1,3-Dichlorobenzene	11.751	146	69815	5.21	ug/L	97
65) 1,4-Dichlorobenzene	11.841	146	71230	5.25	ug/L	99
67) 1,2-Dichlorobenzene	12.221	146	69236	5.32	ug/L	94
68) 1,2-Dibromo-3-chloropr...	13.005	75	6044	5.47	ug/L	91
69) 1,3,5-Trichlorobenzene	13.227	180	56672	5.16	ug/L	99
70) 1,2,4-trichlorobenzene	13.848	180	48386	5.32	ug/L	98
71) Naphthalene	14.095	128	90534	5.90	ug/L	99
72) 1,2,3-Trichlorobenzene	14.336	180	46079	5.53	ug/L	96

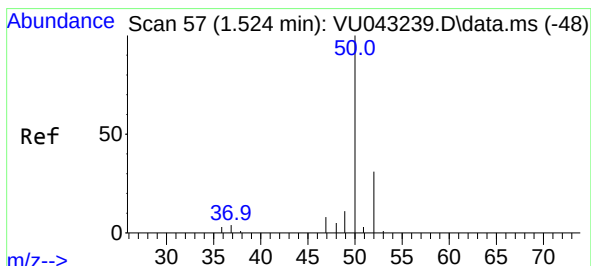
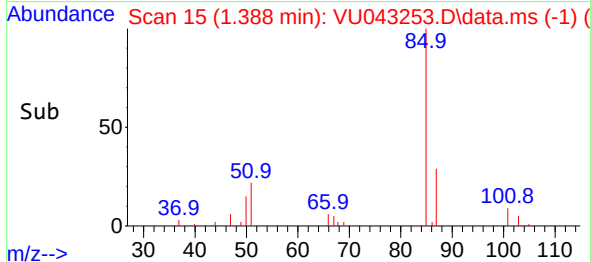
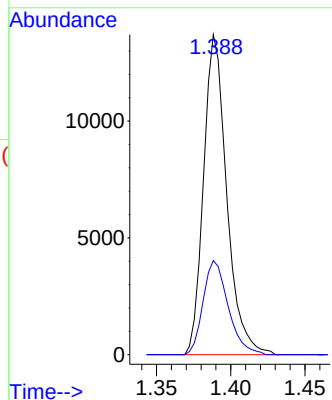
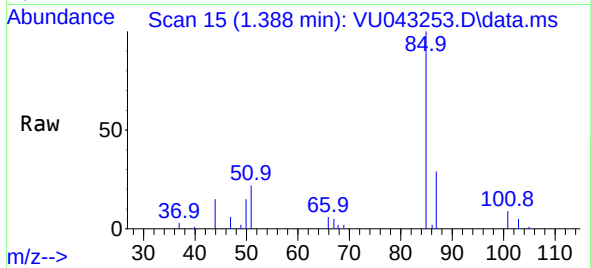
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 2.82 ug/L
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU043253.D
Acq: 21 Apr 2021 16:19

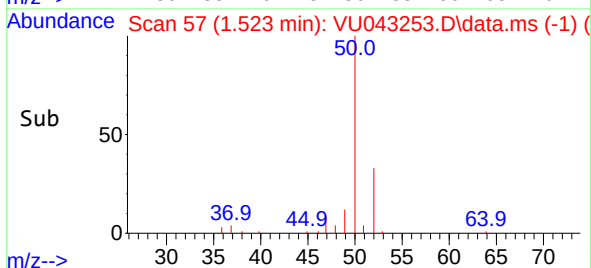
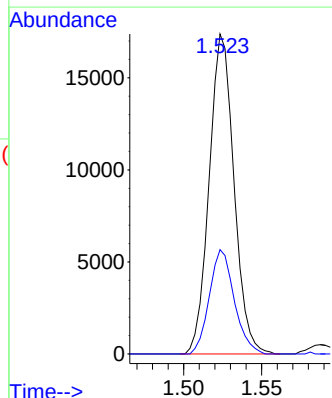
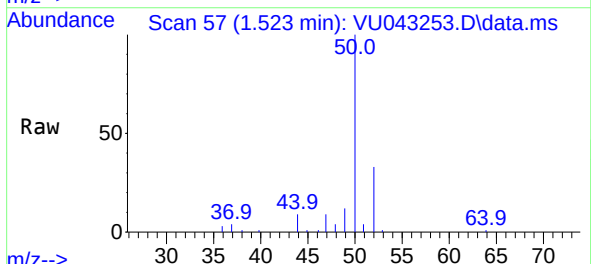
Instrument :
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ClientSampleId :
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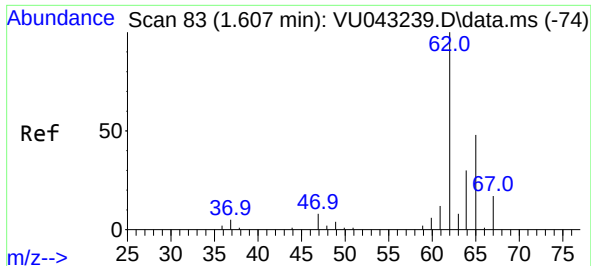
Tgt Ion: 85 Resp: 14847
Ion Ratio Lower Upper
85 100
87 31.8 26.3 39.5



#3
Chloromethane
Concen: 3.71 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU043253.D
Acq: 21 Apr 2021 16:19

Tgt Ion: 50 Resp: 19213
Ion Ratio Lower Upper
50 100
52 32.6 23.6 43.8

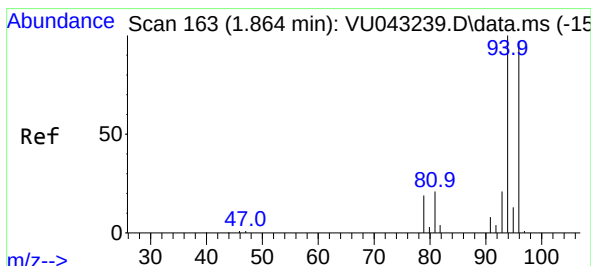
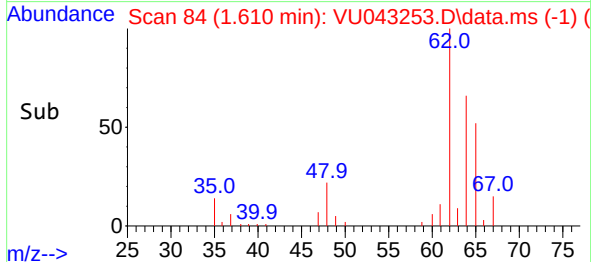
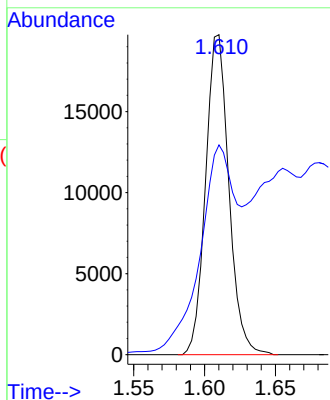
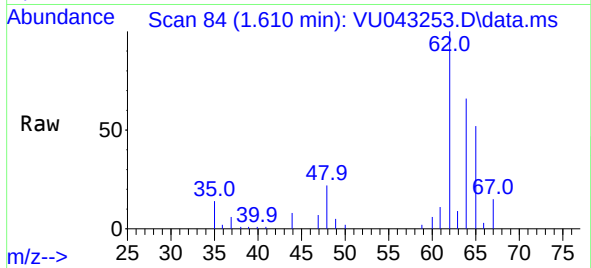




#5
 Vinyl chloride
 Concen: 4.17 ug/L
 RT: 1.610 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VU043253.D
 Acq: 21 Apr 2021 16:19

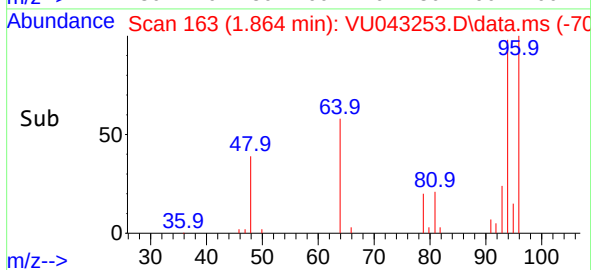
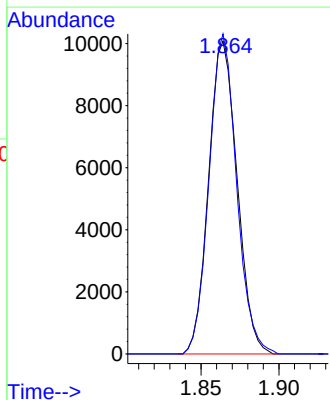
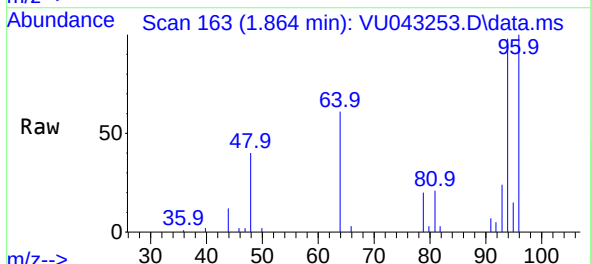
Instrument :
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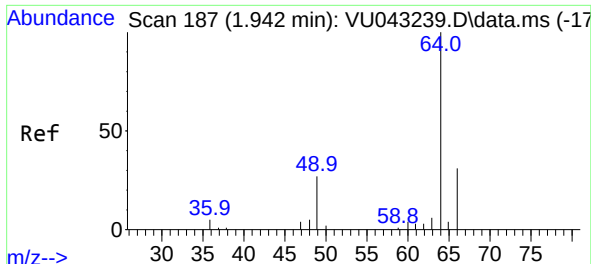
Tgt Ion: 62 Resp: 22511
 Ion Ratio Lower Upper
 62 100
 64 65.5 22.8 42.4#



#6
 Bromomethane
 Concen: 3.98 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. -0.000 min
 Lab File: VU043253.D
 Acq: 21 Apr 2021 16:19

Tgt Ion: 94 Resp: 12823
 Ion Ratio Lower Upper
 94 100
 96 102.3 66.1 122.7

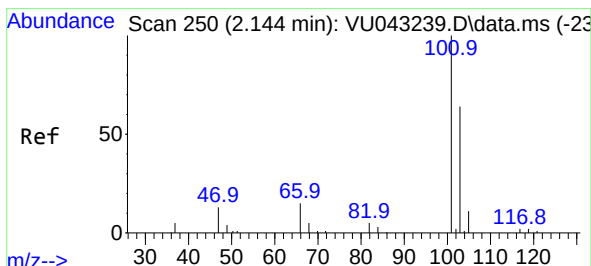
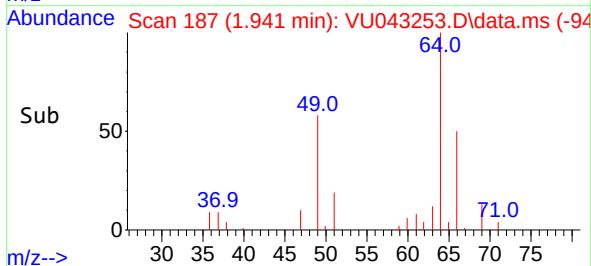
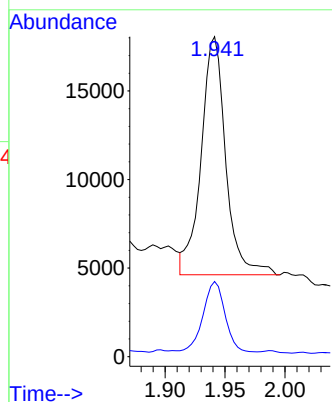
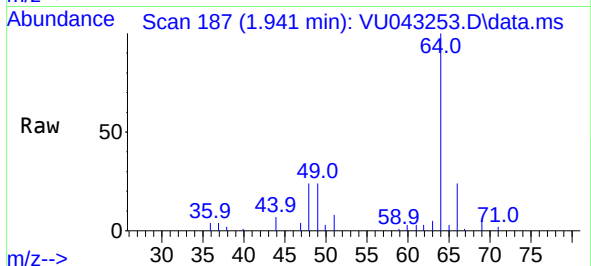




#8
Chloroethane
Concen: 4.94 ug/L
RT: 1.941 min Scan# 187
Delta R.T. -0.000 min
Lab File: VU043253.D
Acq: 21 Apr 2021 16:19

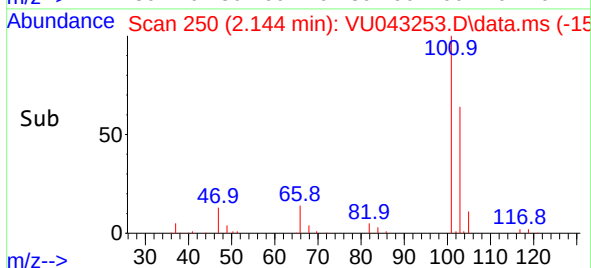
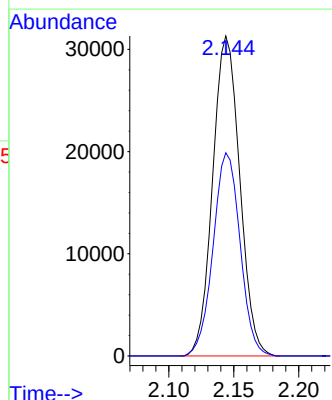
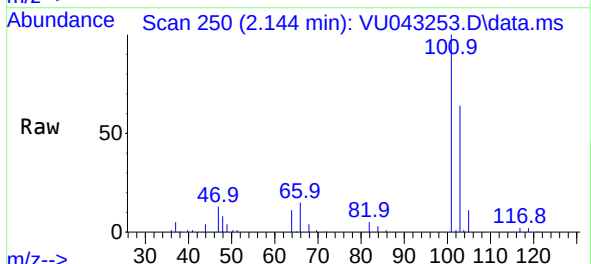
Instrument :
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ClientSampleId :
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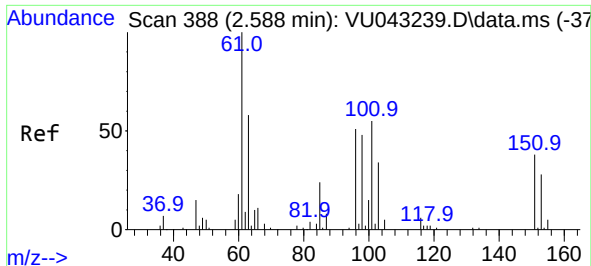
Tgt Ion: 64 Resp: 19185
Ion Ratio Lower Upper
64 100
66 23.5 22.4 41.6



#9
Trichlorofluoromethane
Concen: 4.51 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU043253.D
Acq: 21 Apr 2021 16:19

Tgt Ion:101 Resp: 45330
Ion Ratio Lower Upper
101 100
103 63.3 51.5 77.3

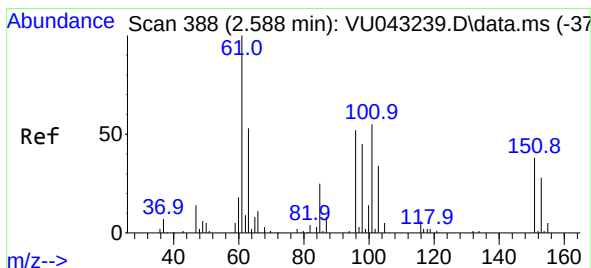
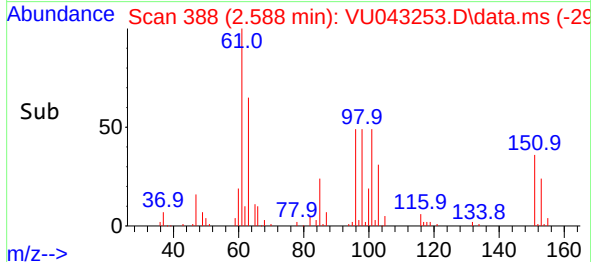
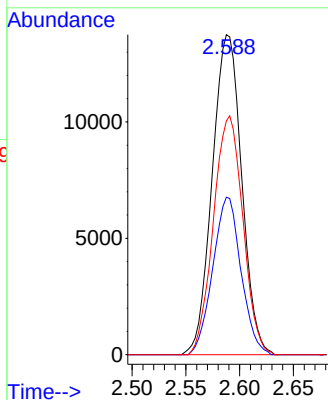
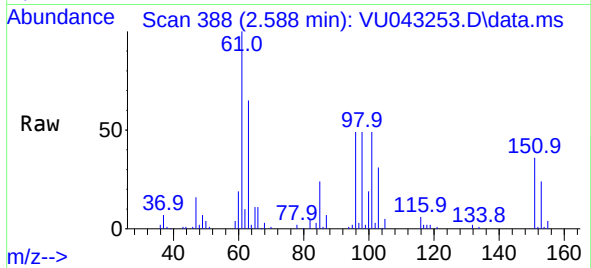




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.83 ug/L
RT: 2.588 min Scan# 388
Delta R.T. -0.000 min
Lab File: VU043253.D
Acq: 21 Apr 2021 16:19

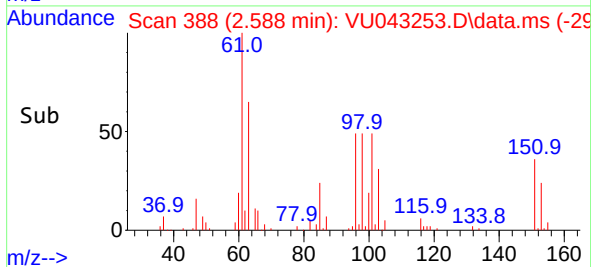
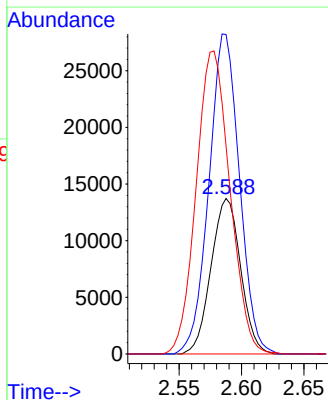
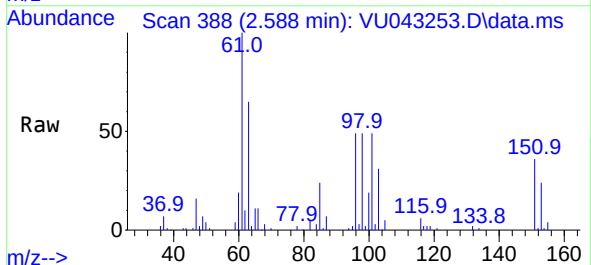
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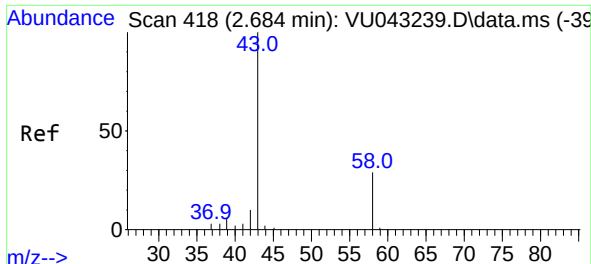
Tgt Ion:101 Resp: 26186
Ion Ratio Lower Upper
101 100
85 47.2 34.5 51.7
151 74.8 57.4 86.2



#12
1,1-Dichloroethene
Concen: 4.97 ug/L
RT: 2.588 min Scan# 388
Delta R.T. -0.000 min
Lab File: VU043253.D
Acq: 21 Apr 2021 16:19

Tgt Ion: 96 Resp: 22693
Ion Ratio Lower Upper
96 100
61 205.5 115.1 213.7
63 133.9 84.1 156.1

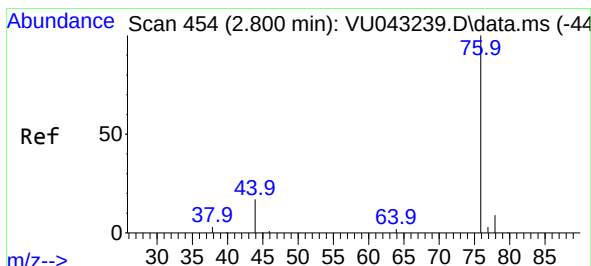
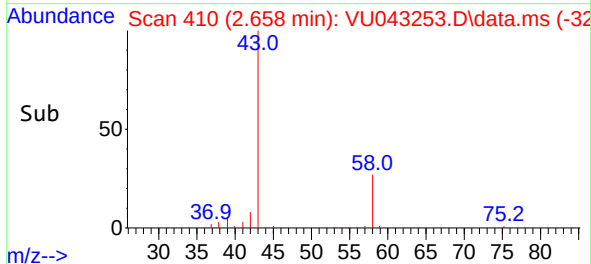
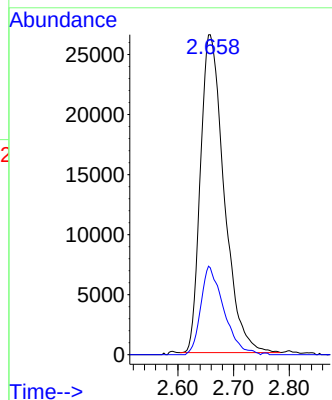
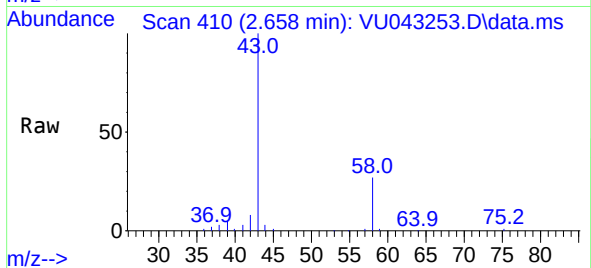




#13
Acetone
Concen: 58.13 ug/L
RT: 2.658 min Scan# 410
Delta R.T. -0.026 min
Lab File: VU043253.D
Acq: 21 Apr 2021 16:19

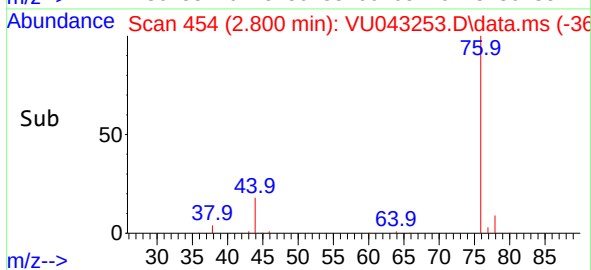
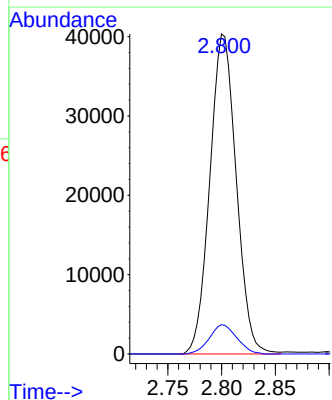
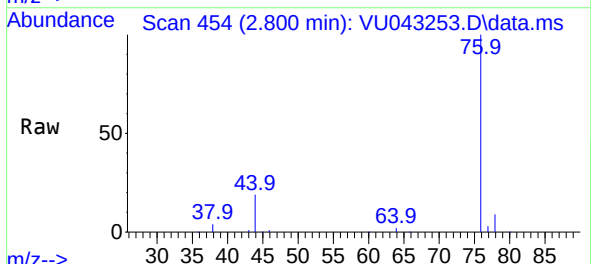
Instrument :
MSVOA_U
ClientSampleId :
H4487MSD

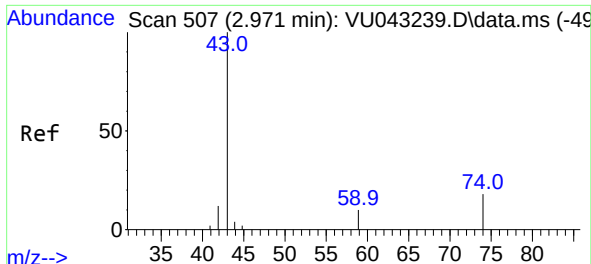
Tgt Ion: 43 Resp: 78213
Ion Ratio Lower Upper
43 100
58 26.9 0.0 25.0#



#14
Carbon disulfide
Concen: 5.93 ug/L
RT: 2.800 min Scan# 454
Delta R.T. -0.000 min
Lab File: VU043253.D
Acq: 21 Apr 2021 16:19

Tgt Ion: 76 Resp: 68961
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3

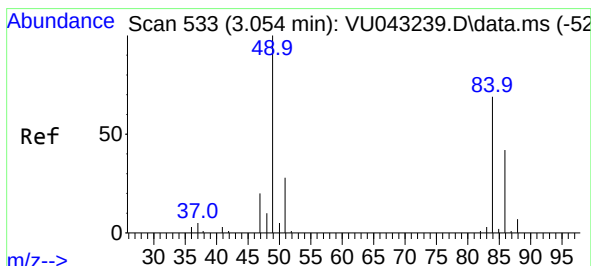
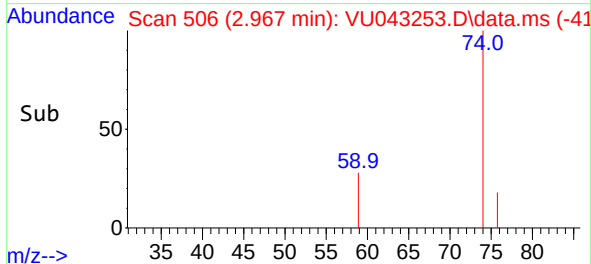
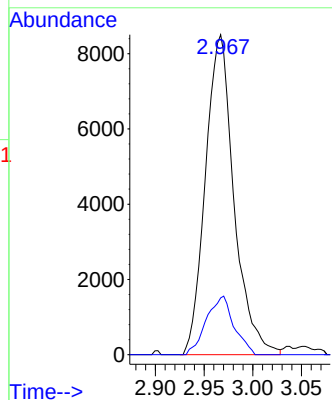
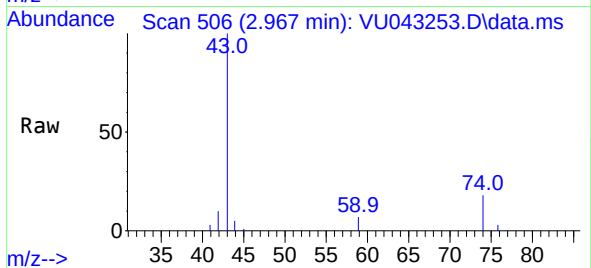




#15
Methyl Acetate
Concen: 6.85 ug/L
RT: 2.967 min Scan# 506
Delta R.T. -0.004 min
Lab File: VU043253.D
Acq: 21 Apr 2021 16:19

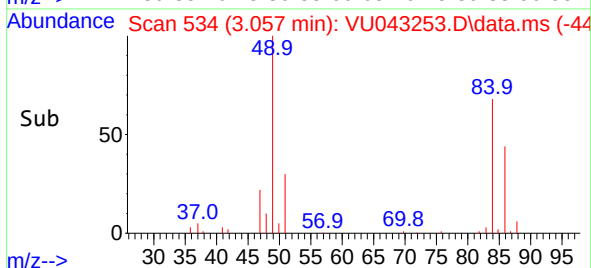
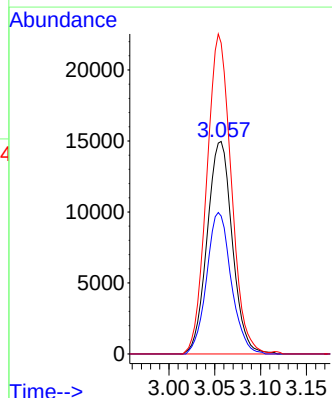
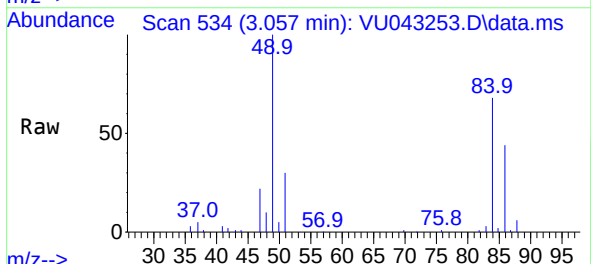
Instrument :
MSVOA_U
ClientSampleId :
H4487MSD

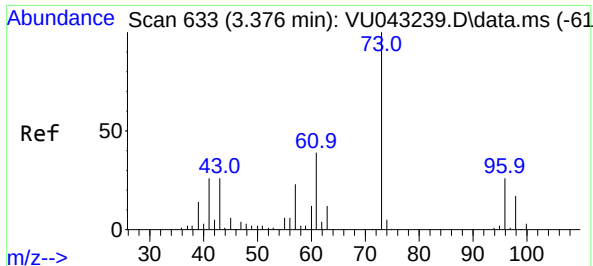
Tgt Ion: 43 Resp: 17335
Ion Ratio Lower Upper
43 100
74 17.6 21.5 32.3#



#16
Methylene chloride
Concen: 4.83 ug/L
RT: 3.057 min Scan# 534
Delta R.T. 0.003 min
Lab File: VU043253.D
Acq: 21 Apr 2021 16:19

Tgt Ion: 84 Resp: 28540
Ion Ratio Lower Upper
84 100
86 65.0 44.9 83.5
49 146.4 79.0 146.8



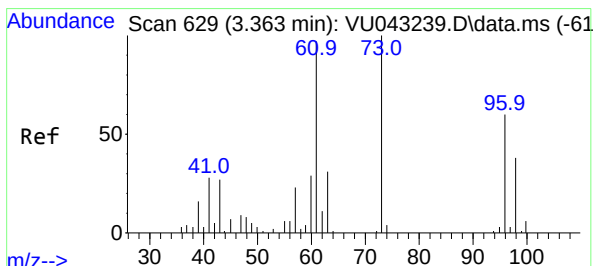
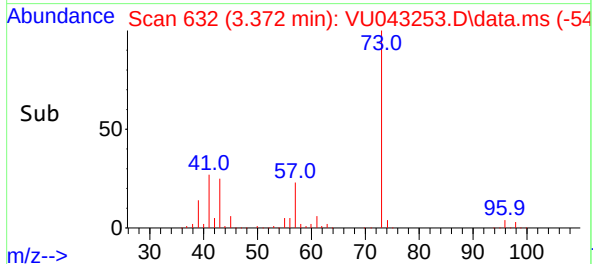
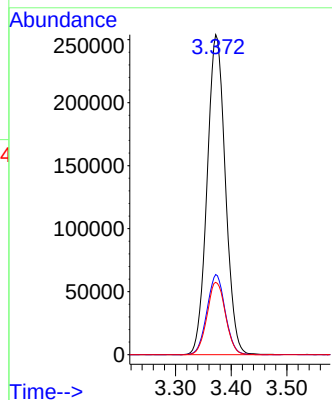
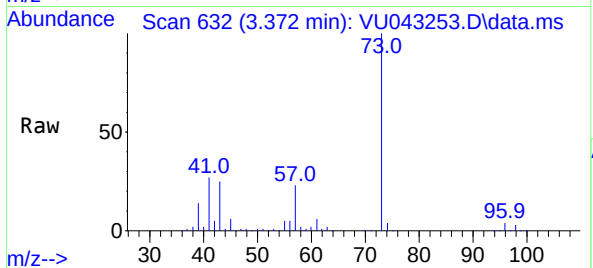


#17

Methyl tert-butyl Ether
Concen: 38.74 ug/L
RT: 3.372 min Scan# 632
Delta R.T. -0.004 min
Lab File: VU043253.D
Acq: 21 Apr 2021 16:19

Instrument :
MSVOA_U
ClientSampleId :
H4487MSD

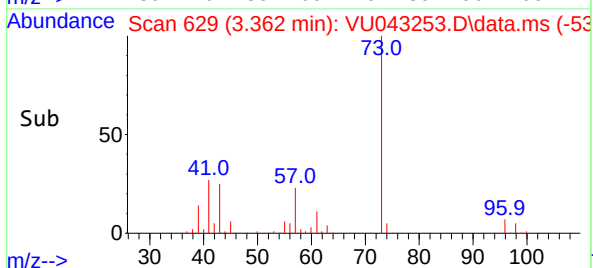
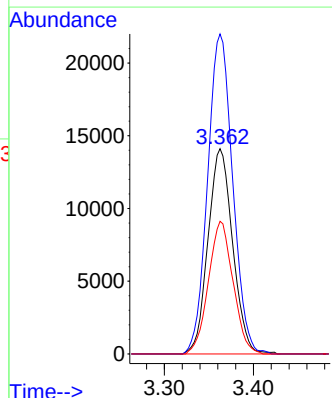
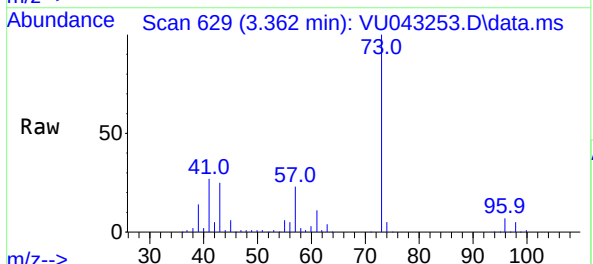
Tgt Ion: 73 Resp: 578145
Ion Ratio Lower Upper
73 100
43 25.0 15.0 22.4#
57 22.9 17.3 25.9

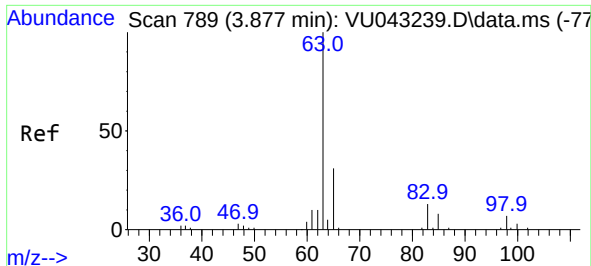


#18

trans-1,2-Dichloroethene
Concen: 5.58 ug/L
RT: 3.362 min Scan# 629
Delta R.T. -0.000 min
Lab File: VU043253.D
Acq: 21 Apr 2021 16:19

Tgt Ion: 96 Resp: 27134
Ion Ratio Lower Upper
96 100
61 155.8 96.6 179.4
98 64.6 44.7 82.9



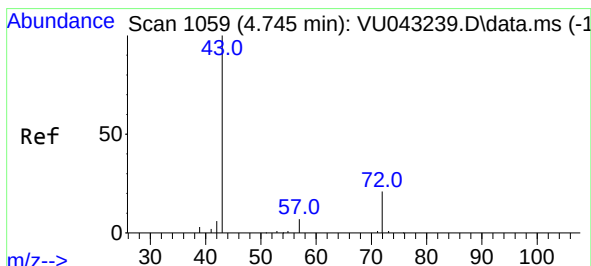
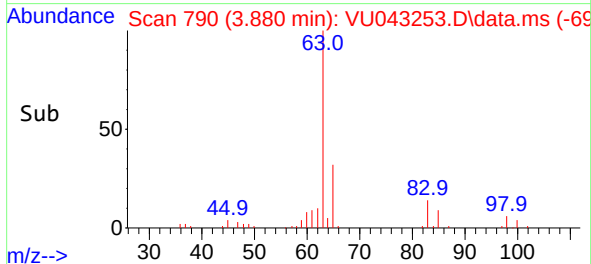
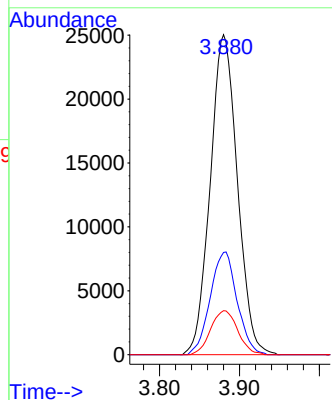
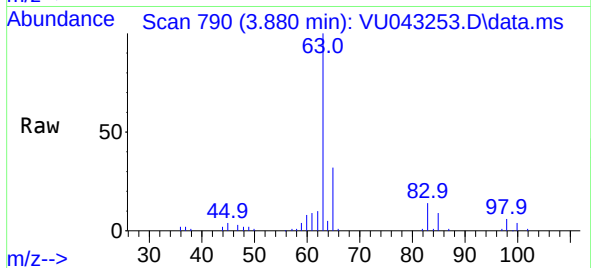


#19

1,1-Dichloroethane
Concen: 5.58 ug/L
RT: 3.880 min Scan# 790
Delta R.T. 0.003 min
Lab File: VU043253.D
Acq: 21 Apr 2021 16:19

Instrument :
MSVOA_U
ClientSampled :
H4487MSD

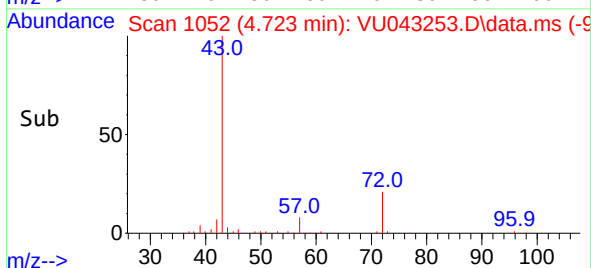
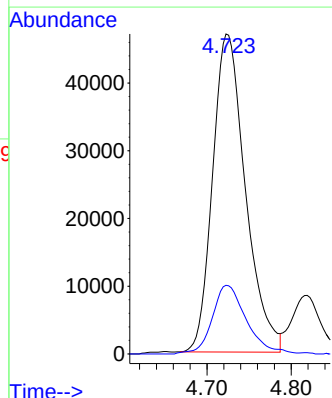
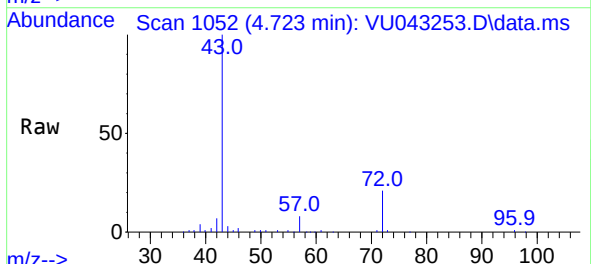
Tgt Ion:	63	Resp:	59094
Ion	Ratio	Lower	Upper
63	100		
65	32.0	23.2	43.0
83	13.8	9.9	18.3

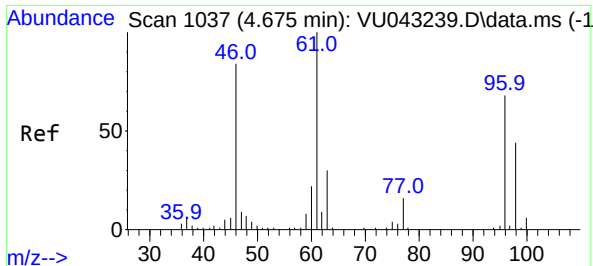


#21

2-Butanone
Concen: 57.23 ug/L
RT: 4.723 min Scan# 1052
Delta R.T. -0.023 min
Lab File: VU043253.D
Acq: 21 Apr 2021 16:19

Tgt Ion:	43	Resp:	127079
Ion	Ratio	Lower	Upper
43	100		
72	22.4	15.8	47.3



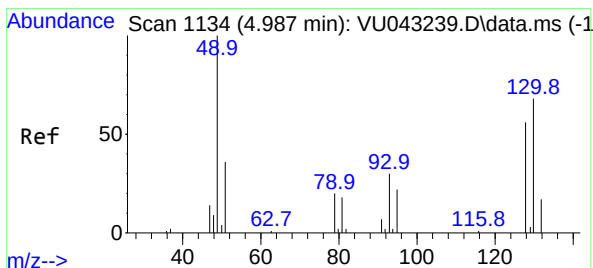
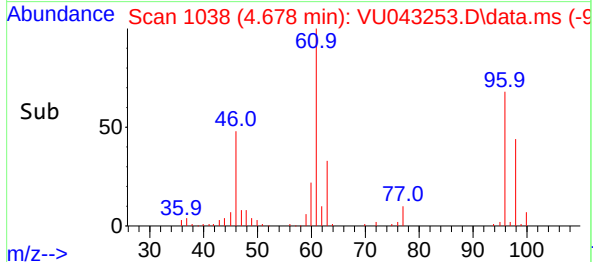
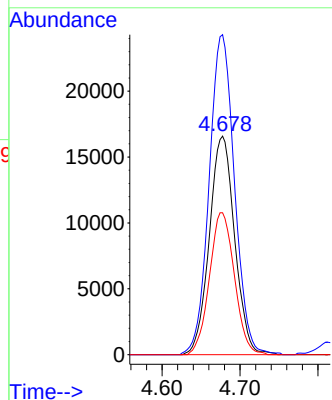
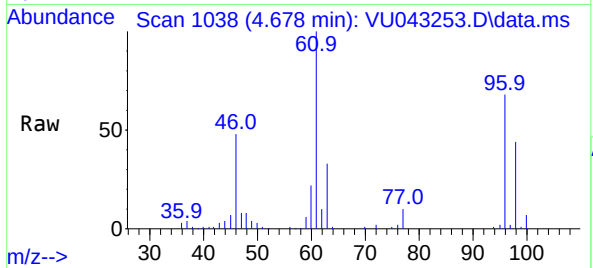


#22
cis-1,2-Dichloroethene
Concen: 6.50 ug/L
RT: 4.678 min Scan# 1038
Delta R.T. 0.003 min
Lab File: VU043253.D
Acq: 21 Apr 2021 16:19

Instrument :
MSVOA_U
ClientSampleId :
H4487MSD

Tgt Ion: 96 Resp: 37481

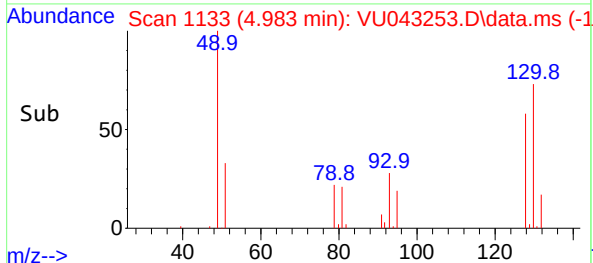
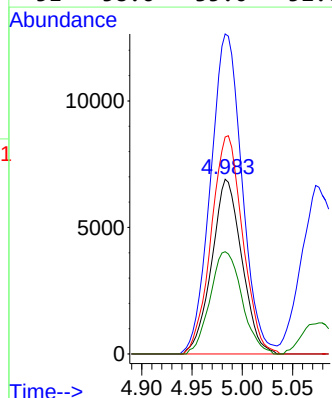
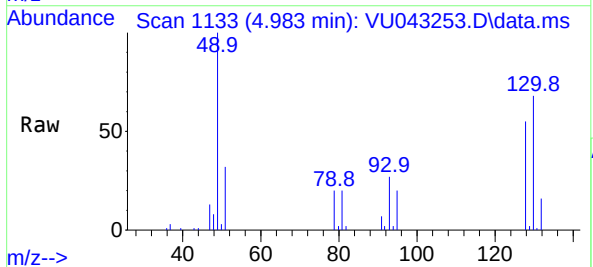
Ion	Ratio	Lower	Upper
96	100		
61	146.5	87.4	162.4
98	65.0	47.7	88.5

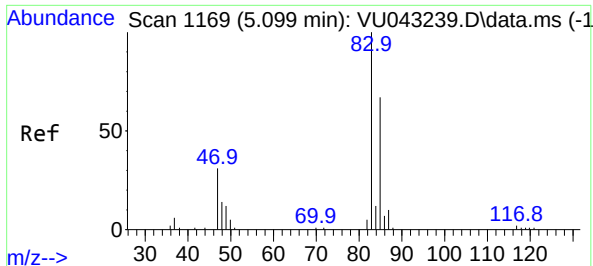


#23
Bromochloromethane
Concen: 5.47 ug/L
RT: 4.983 min Scan# 1133
Delta R.T. -0.004 min
Lab File: VU043253.D
Acq: 21 Apr 2021 16:19

Tgt Ion: 128 Resp: 14369

Ion	Ratio	Lower	Upper
128	100		
49	183.2	96.4	179.0#
130	124.1	91.2	169.4
51	58.6	35.0	52.6#



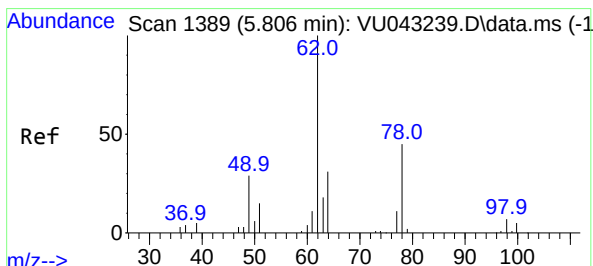
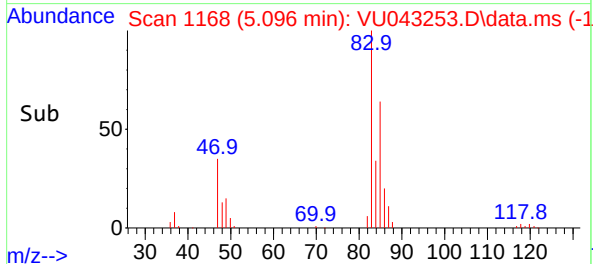
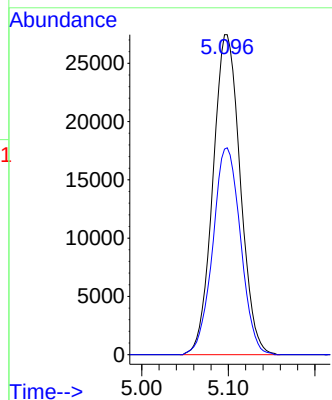
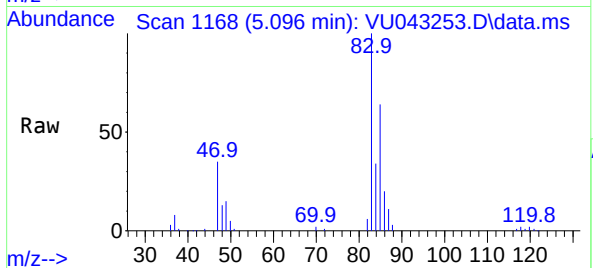


#25

Chloroform
Concen: 5.33 ug/L
RT: 5.096 min Scan# 1168
Delta R.T. -0.004 min
Lab File: VU043253.D
Acq: 21 Apr 2021 16:19

Instrument :
MSVOA_U
ClientSampleId :
H4487MSD

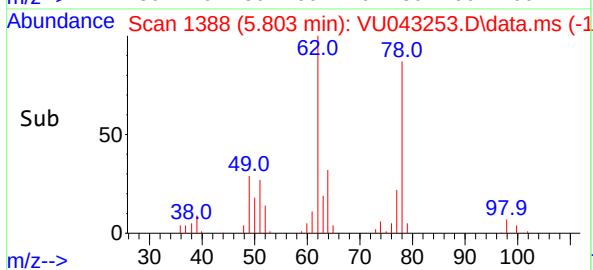
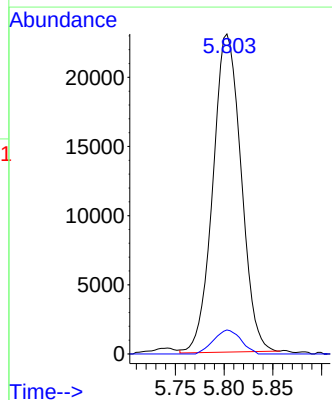
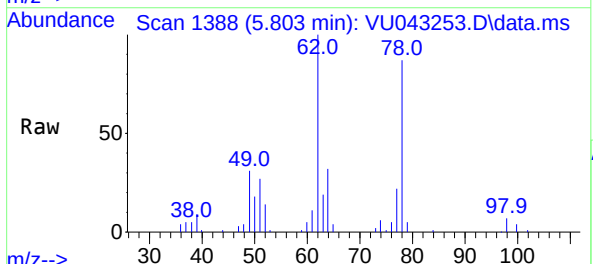
Tgt Ion: 83 Resp: 60240
Ion Ratio Lower Upper
83 100
85 64.2 45.6 84.8

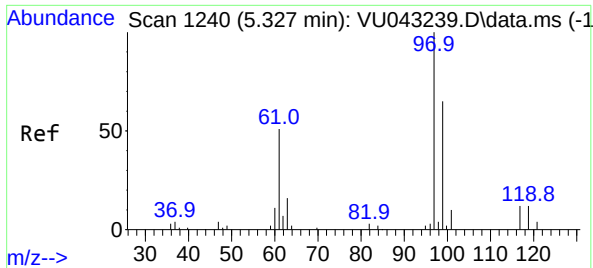


#27

1,2-Dichloroethane
Concen: 5.60 ug/L
RT: 5.803 min Scan# 1388
Delta R.T. -0.004 min
Lab File: VU043253.D
Acq: 21 Apr 2021 16:19

Tgt Ion: 62 Resp: 46381
Ion Ratio Lower Upper
62 100
98 7.5 7.5 11.3#



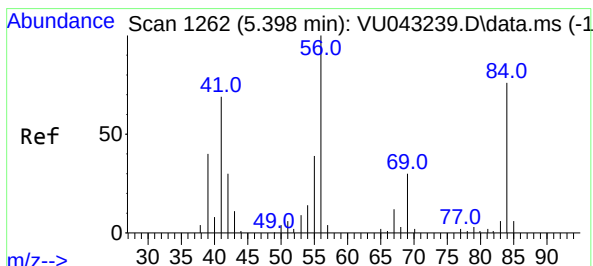
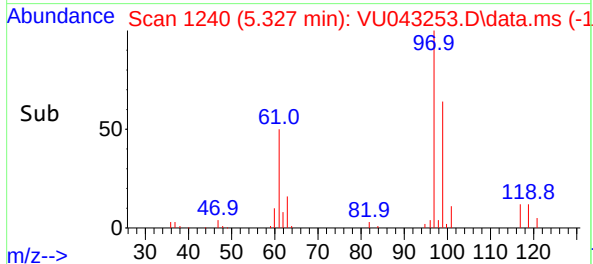
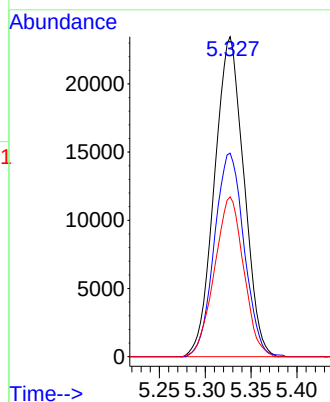
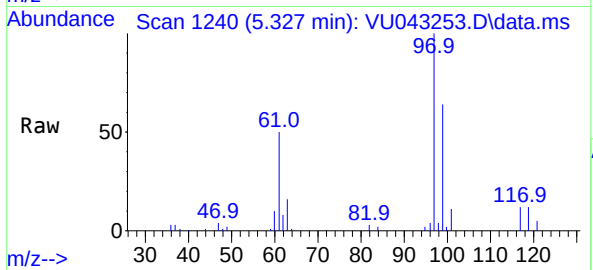


#29
1,1,1-Trichloroethane
Concen: 5.17 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VU043253.D
Acq: 21 Apr 2021 16:19

Instrument :
MSVOA_U
ClientSampleId :
H4487MSD

Tgt Ion: 97 Resp: 52260

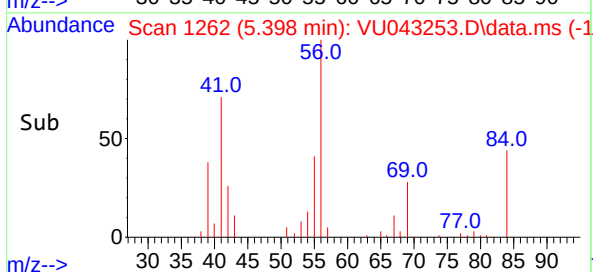
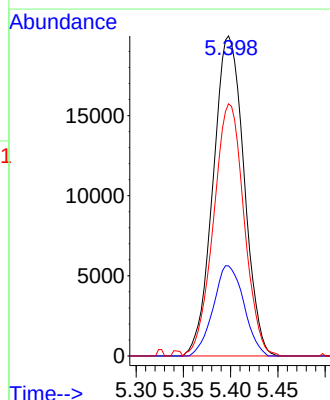
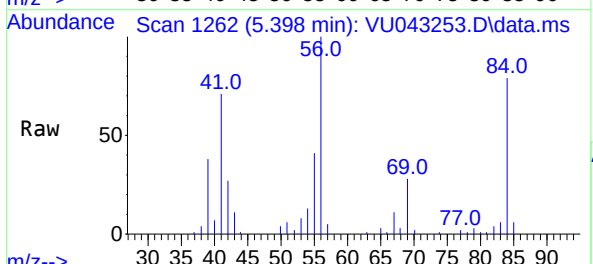
Ion	Ratio	Lower	Upper
97	100		
99	64.4	50.3	75.5
61	49.7	32.7	49.1#

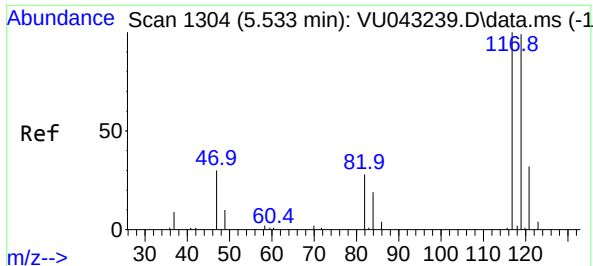


#30
Cyclohexane
Concen: 5.23 ug/L
RT: 5.398 min Scan# 1262
Delta R.T. -0.000 min
Lab File: VU043253.D
Acq: 21 Apr 2021 16:19

Tgt Ion: 56 Resp: 45330

Ion	Ratio	Lower	Upper
56	100		
69	27.9	25.2	37.8
84	77.9	76.2	114.4

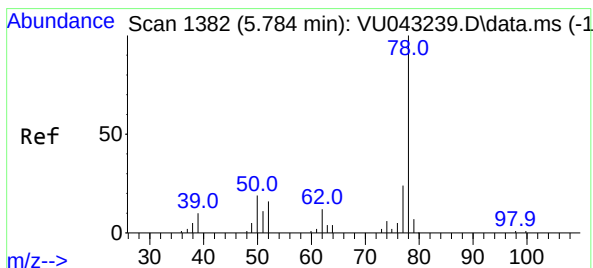
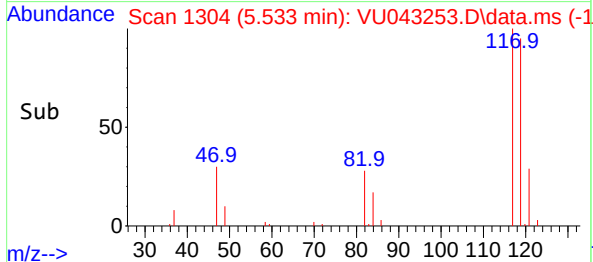
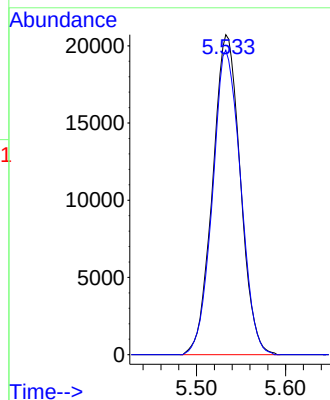
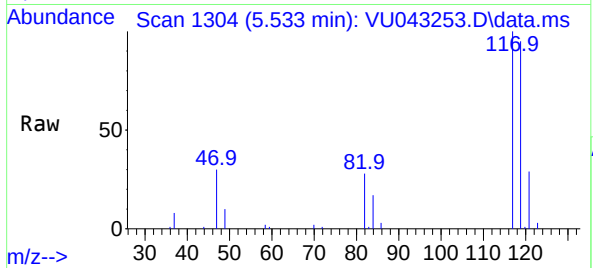




#31
Carbon tetrachloride
Concen: 5.32 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VU043253.D
Acq: 21 Apr 2021 16:19

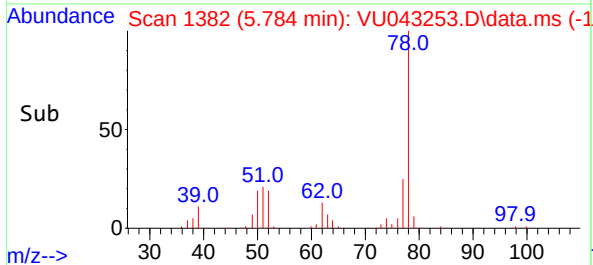
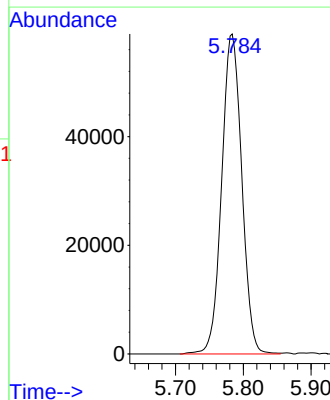
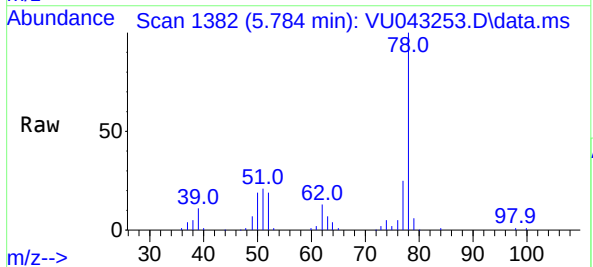
Instrument :
MSVOA_U
ClientSampleId :
H4487MSD

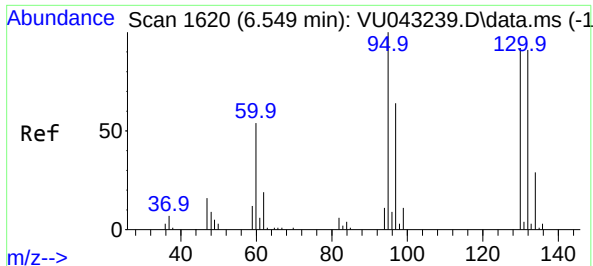
Tgt Ion:117 Resp: 44776
Ion Ratio Lower Upper
117 100
119 96.1 76.2 114.4



#33
Benzene
Concen: 5.53 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VU043253.D
Acq: 21 Apr 2021 16:19

Tgt Ion: 78 Resp: 121128



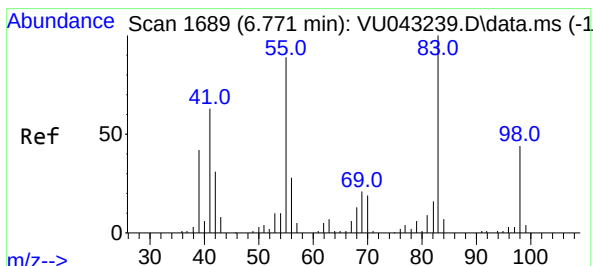
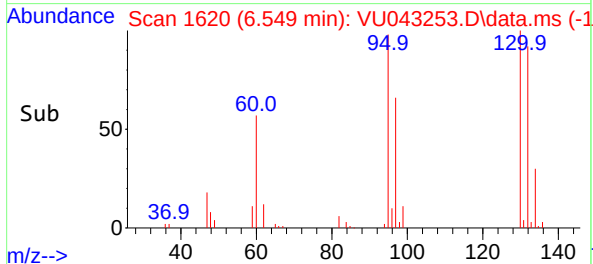
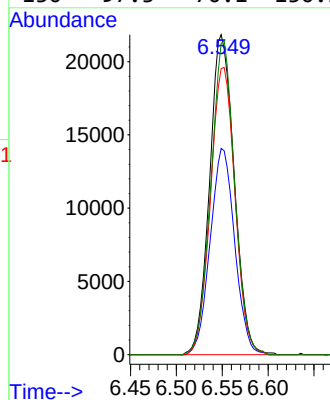
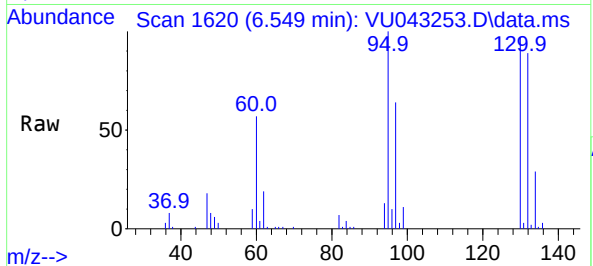


#34
Trichloroethene
Concen: 6.77 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VU043253.D
Acq: 21 Apr 2021 16:19

Instrument :
MSVOA_U
ClientSampleId :
H4487MSD

Tgt Ion: 95 Resp: 40779

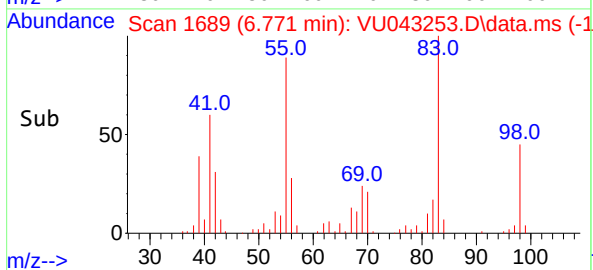
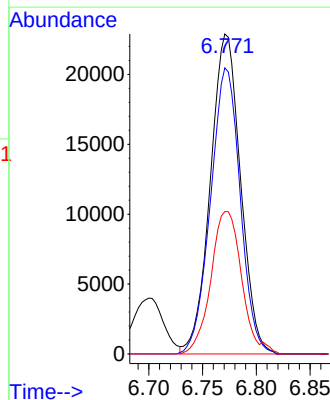
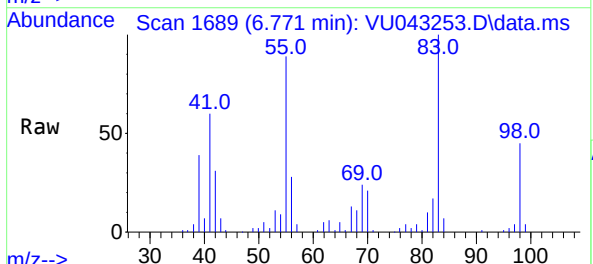
Ion	Ratio	Lower	Upper
95	100		
97	64.4	45.8	85.2
132	89.4	68.7	127.7
130	97.3	70.1	130.3

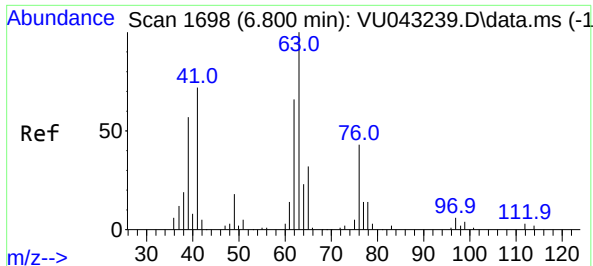


#35
Methylcyclohexane
Concen: 5.35 ug/L
RT: 6.771 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VU043253.D
Acq: 21 Apr 2021 16:19

Tgt Ion: 83 Resp: 44626

Ion	Ratio	Lower	Upper
83	100		
55	88.0	59.5	89.3
98	45.5	37.9	56.9

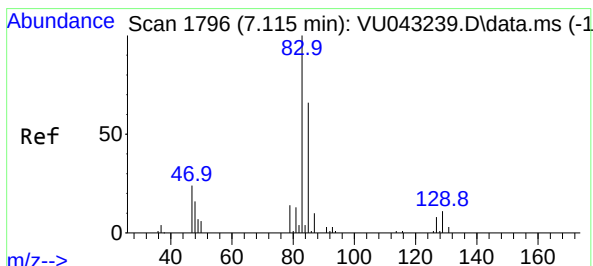
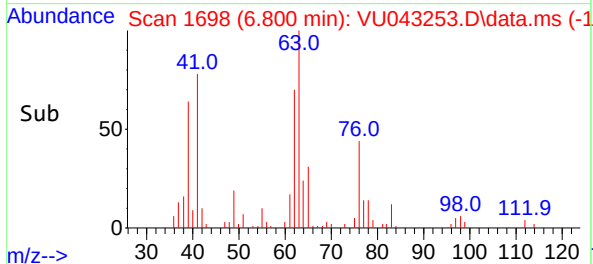
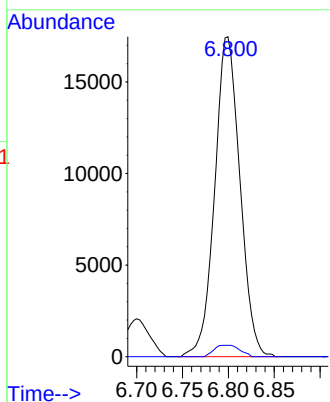
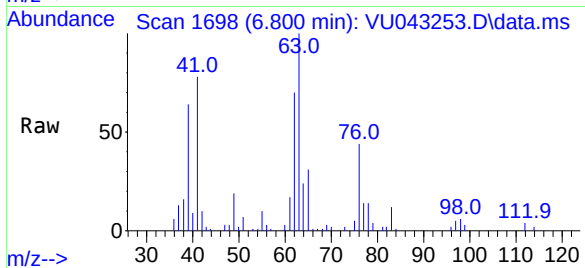




#37
1,2-Dichloropropane
Concen: 5.42 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VU043253.D
Acq: 21 Apr 2021 16:19

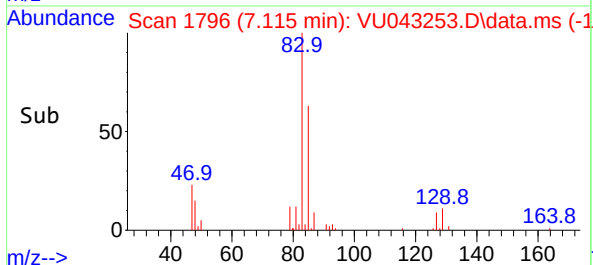
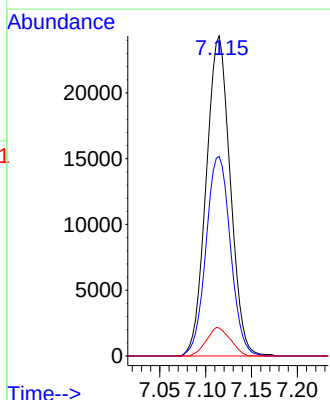
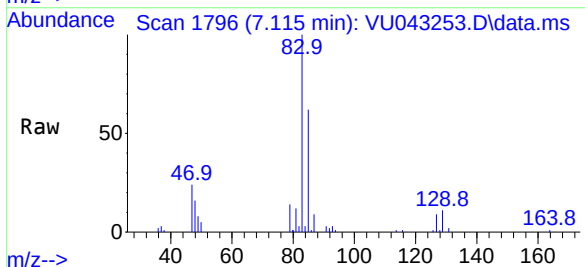
Instrument :
MSVOA_U
ClientSampleId :
H4487MSD

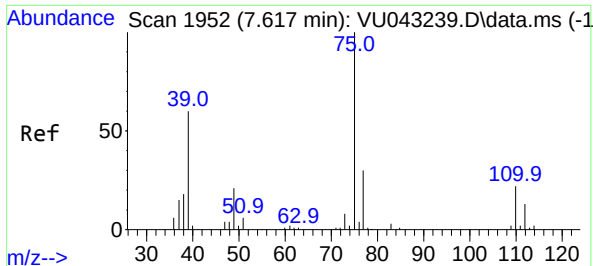
Tgt Ion: 63 Resp: 33405
Ion Ratio Lower Upper
63 100
112 3.6 3.5 5.3



#38
Bromodichloromethane
Concen: 5.36 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VU043253.D
Acq: 21 Apr 2021 16:19

Tgt Ion: 83 Resp: 44353
Ion Ratio Lower Upper
83 100
85 62.4 44.6 82.8
127 8.8 7.4 11.2



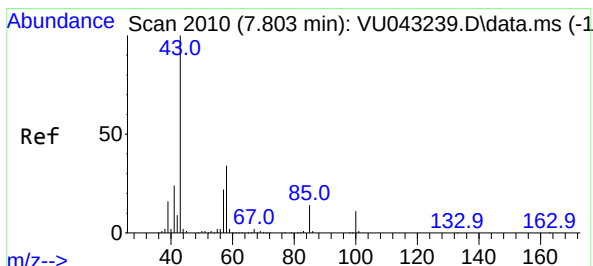
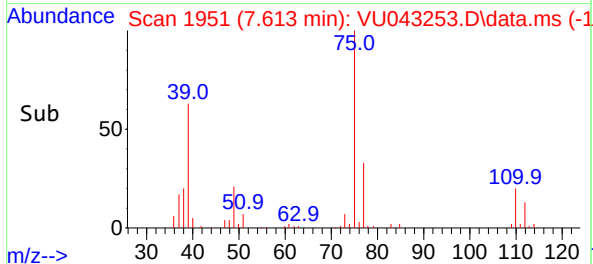
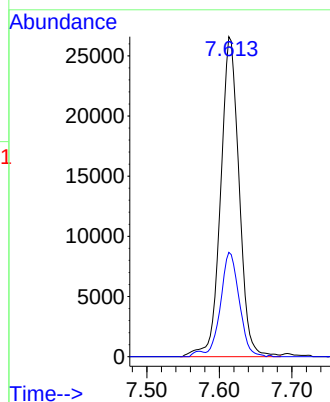
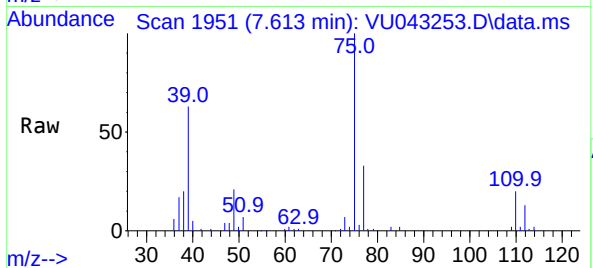


#39

cis-1,3-Dichloropropene
Concen: 5.23 ug/L
RT: 7.613 min Scan# 1951
Delta R.T. -0.004 min
Lab File: VU043253.D
Acq: 21 Apr 2021 16:19

Instrument :
MSVOA_U
ClientSampled :
H4487MSD

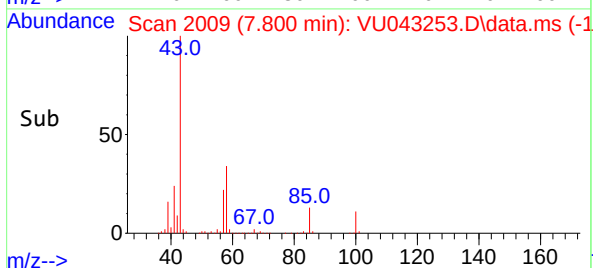
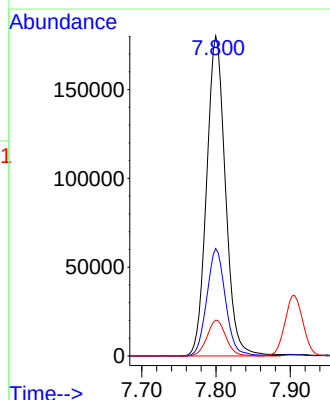
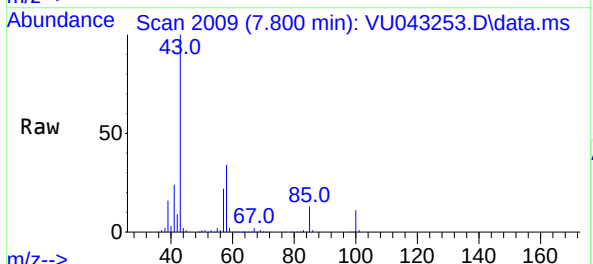
Tgt Ion: 75 Resp: 47098
Ion Ratio Lower Upper
75 100
77 32.6 21.8 40.6

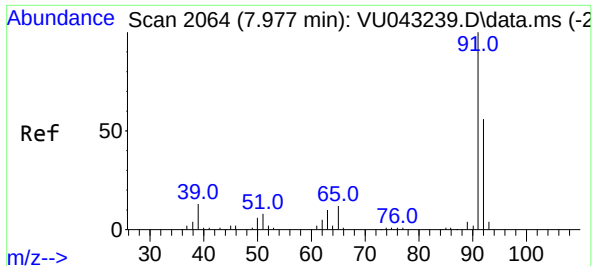


#40

4-Methyl-2-pentanone
Concen: 57.54 ug/L
RT: 7.800 min Scan# 2009
Delta R.T. -0.004 min
Lab File: VU043253.D
Acq: 21 Apr 2021 16:19

Tgt Ion: 43 Resp: 317165
Ion Ratio Lower Upper
43 100
58 33.4 35.8 53.6#
100 11.2 15.1 22.7#

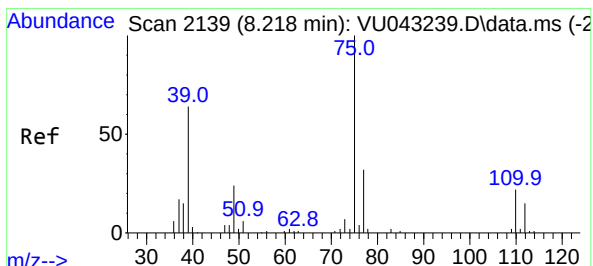
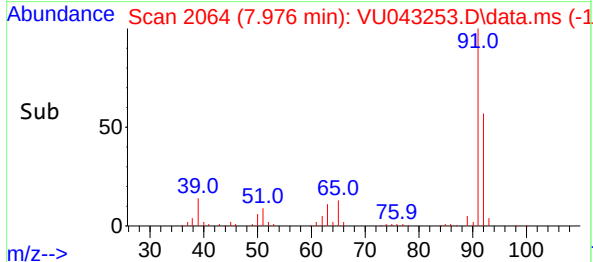
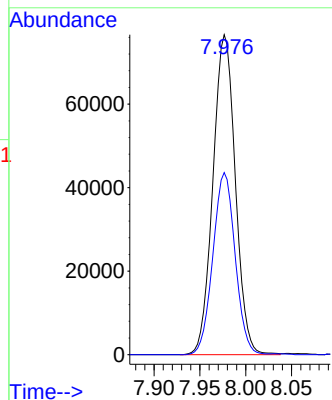
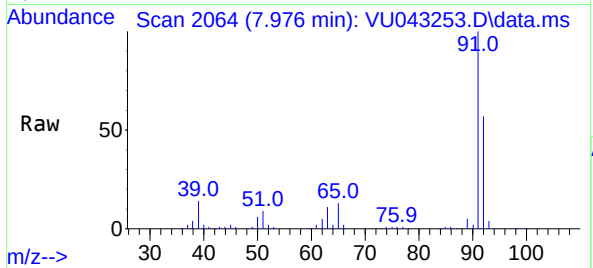




#42
Toluene
Concen: 5.33 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU043253.D
Acq: 21 Apr 2021 16:19

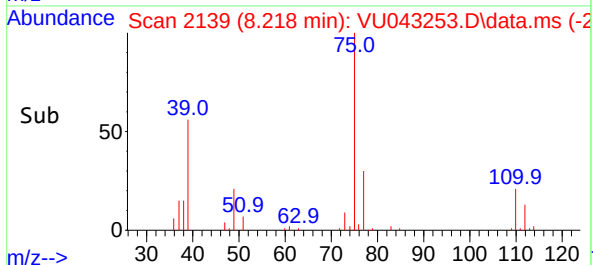
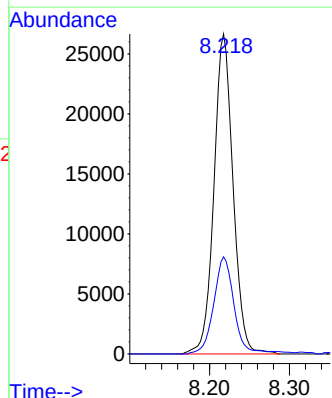
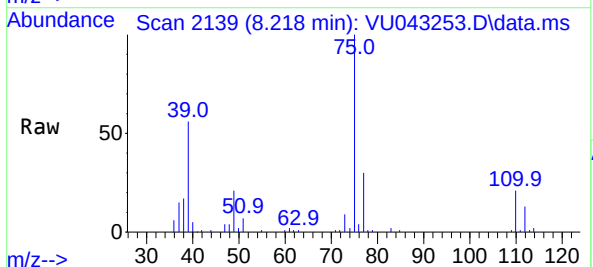
Instrument :
MSVOA_U
ClientSampleId :
H4487MSD

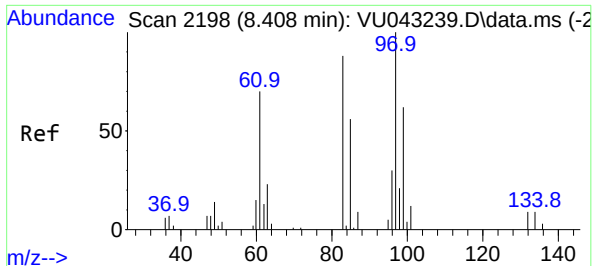
Tgt Ion: 91 Resp: 130417
Ion Ratio Lower Upper
91 100
92 56.9 40.9 76.0



#44
trans-1,3-Dichloropropene
Concen: 5.22 ug/L
RT: 8.218 min Scan# 2139
Delta R.T. -0.000 min
Lab File: VU043253.D
Acq: 21 Apr 2021 16:19

Tgt Ion: 75 Resp: 44262
Ion Ratio Lower Upper
75 100
77 30.4 23.4 43.4





#45

1,1,2-Trichloroethane

Concen: 5.45 ug/L

RT: 8.407 min Scan# 2198

Delta R.T. -0.000 min

Lab File: VU043253.D

Acq: 21 Apr 2021 16:19

Tgt Ion: 97 Resp: 25097

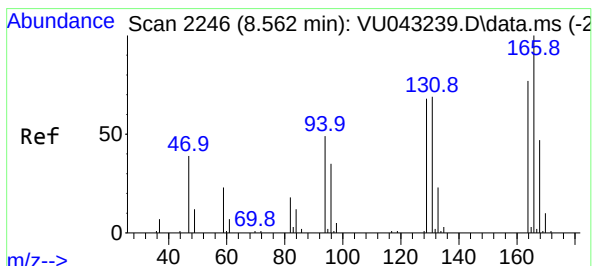
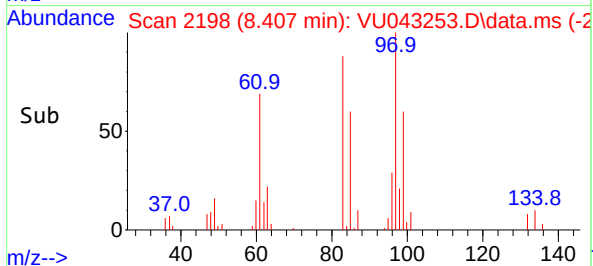
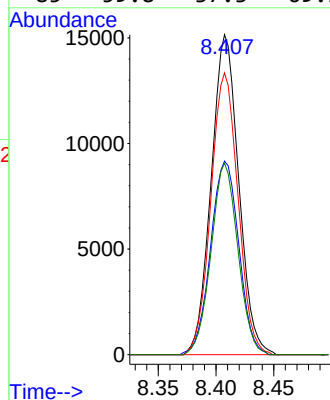
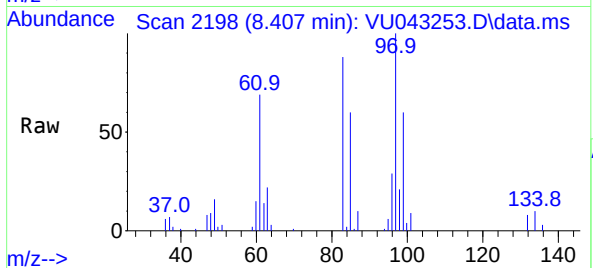
Ion Ratio Lower Upper

97 100

99 60.5 44.2 82.0

83 88.1 60.1 111.7

85 59.8 37.3 69.3



#47

Tetrachloroethene

Concen: 5.77 ug/L

RT: 8.558 min Scan# 2245

Delta R.T. -0.004 min

Lab File: VU043253.D

Acq: 21 Apr 2021 16:19

Tgt Ion: 164 Resp: 27553

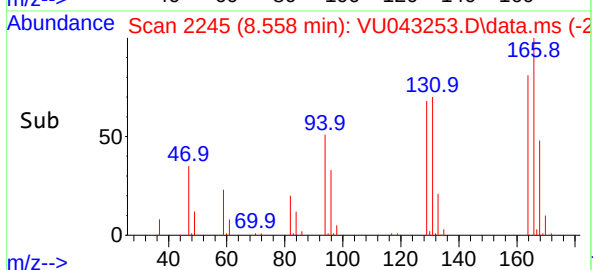
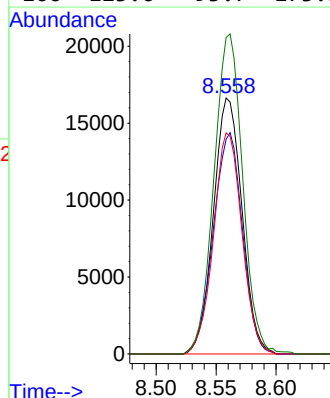
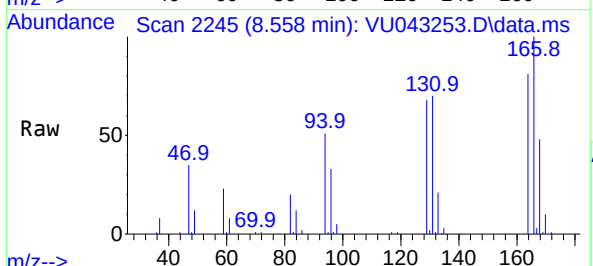
Ion Ratio Lower Upper

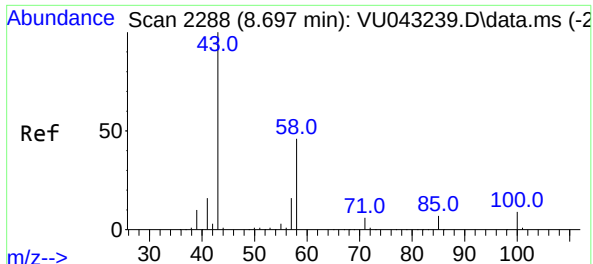
164 100

129 83.8 66.6 123.8

131 86.4 65.9 122.3

166 123.6 93.7 173.9



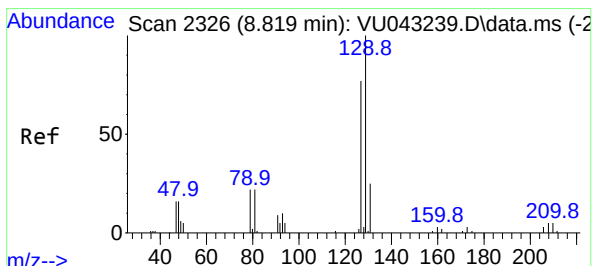
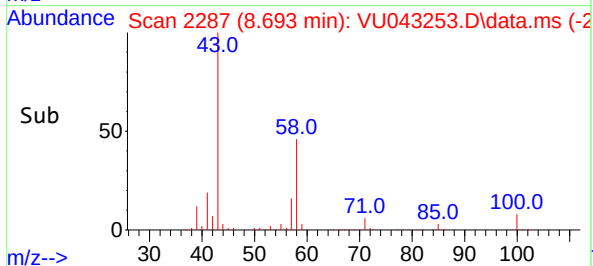
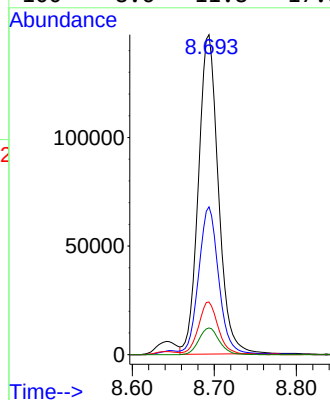
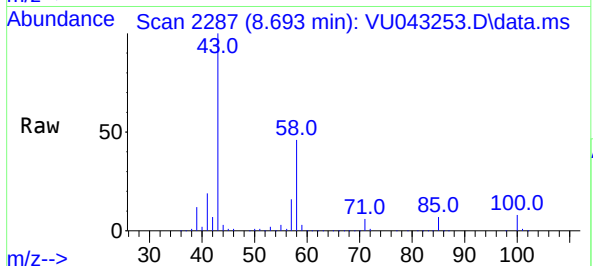


#48
2-Hexanone
Concen: 61.33 ug/L
RT: 8.693 min Scan# 2287
Delta R.T. -0.004 min
Lab File: VU043253.D
Acq: 21 Apr 2021 16:19

Instrument :
MSVOA_U
ClientSampleId :
H4487MSD

Tgt Ion: 43 Resp: 248736

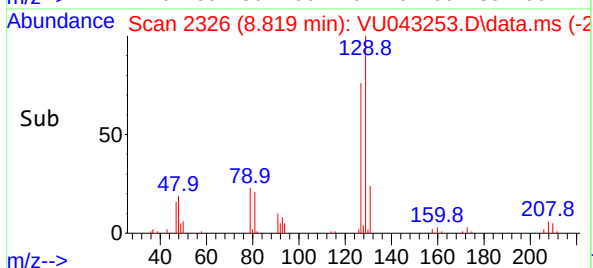
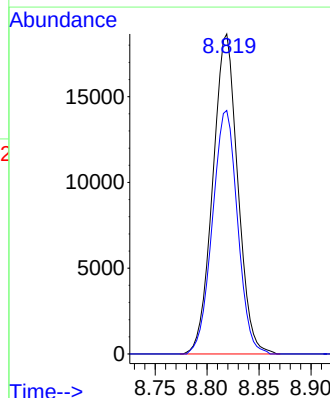
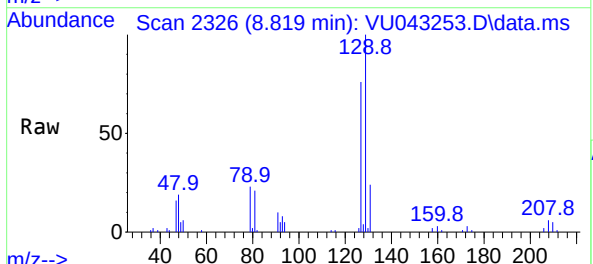
Ion	Ratio	Lower	Upper
43	100		
58	46.4	50.0	75.0#
57	16.6	17.4	26.0#
100	8.6	11.8	17.8#

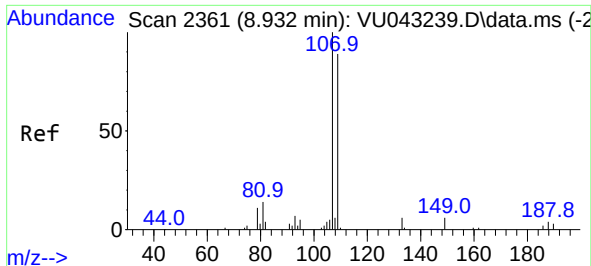


#49
Dibromochloromethane
Concen: 5.37 ug/L
RT: 8.819 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VU043253.D
Acq: 21 Apr 2021 16:19

Tgt Ion: 129 Resp: 31219

Ion	Ratio	Lower	Upper
129	100		
127	76.1	56.6	105.2

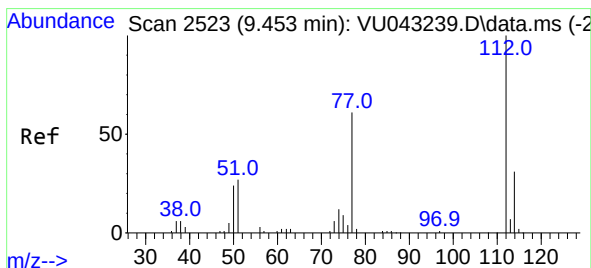
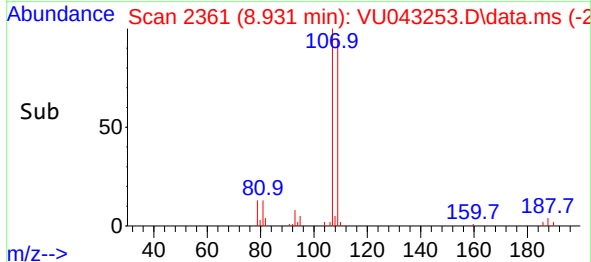
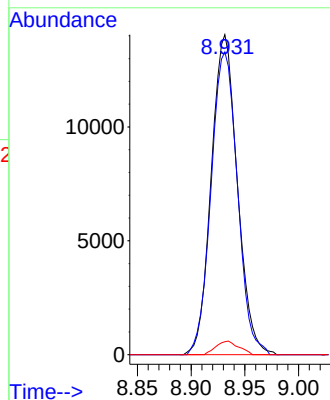
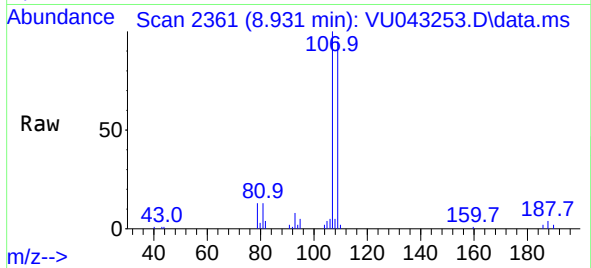




#50
1,2-Dibromoethane
Concen: 5.17 ug/L
RT: 8.931 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VU043253.D
Acq: 21 Apr 2021 16:19

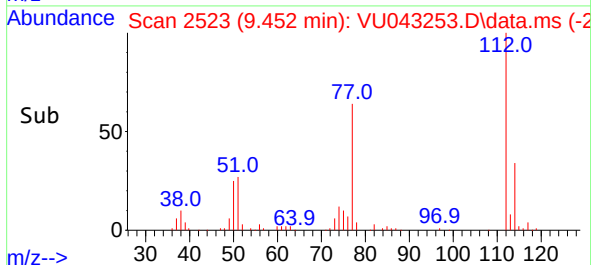
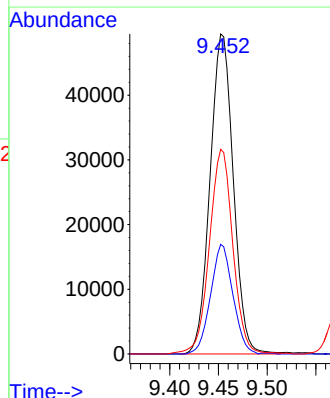
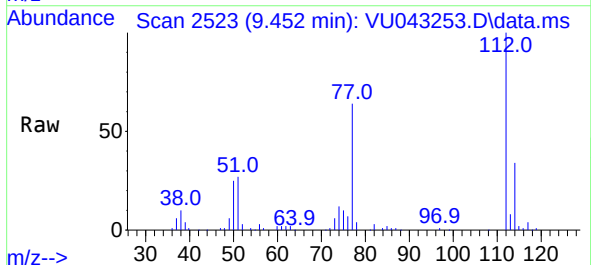
Instrument :
MSVOA_U
ClientSampleId :
H4487MSD

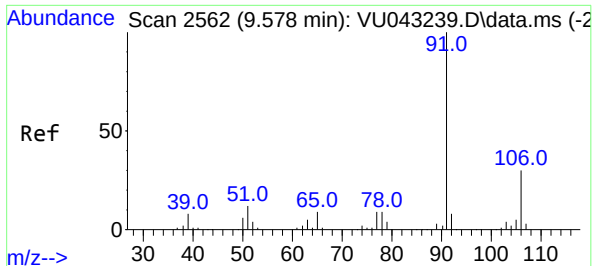
Tgt Ion:107 Resp: 23690
Ion Ratio Lower Upper
107 100
109 94.6 65.4 121.4
188 4.0 2.5 3.7#



#51
Chlorobenzene
Concen: 5.25 ug/L
RT: 9.452 min Scan# 2523
Delta R.T. -0.000 min
Lab File: VU043253.D
Acq: 21 Apr 2021 16:19

Tgt Ion:112 Resp: 81899
Ion Ratio Lower Upper
112 100
114 34.3 21.9 40.7
77 63.9 45.1 67.7

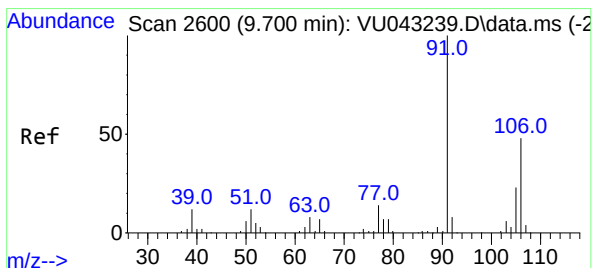
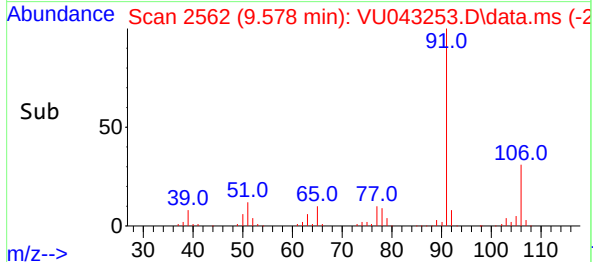
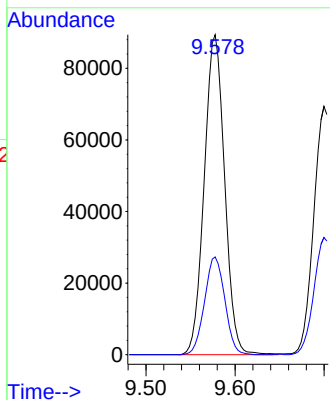
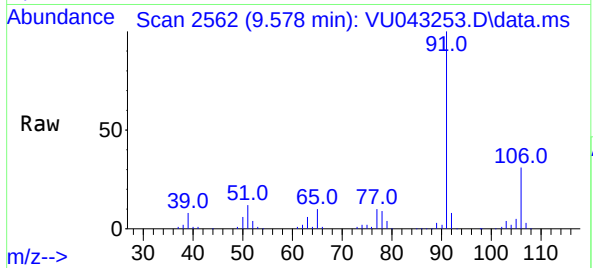




#52
Ethylbenzene
Concen: 5.07 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. -0.000 min
Lab File: VU043253.D
Acq: 21 Apr 2021 16:19

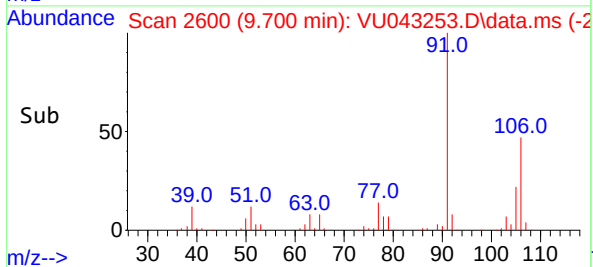
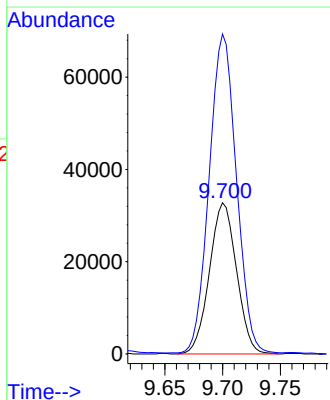
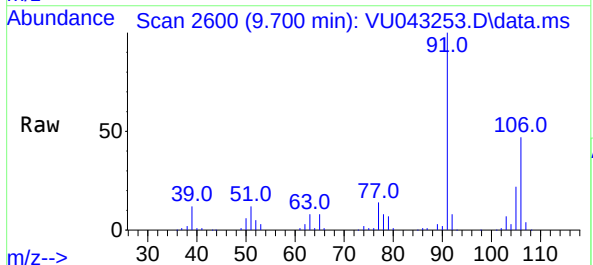
Instrument :
MSVOA_U
ClientSampled :
H4487MSD

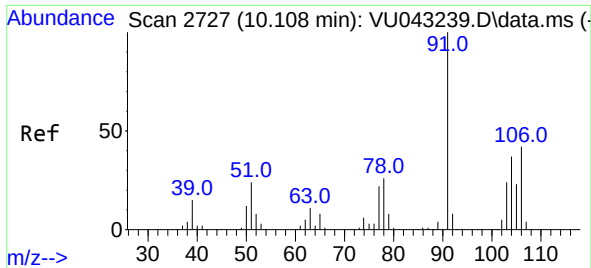
Tgt Ion: 91 Resp: 141936
Ion Ratio Lower Upper
91 100
106 30.5 22.0 40.8



#53
m,p-Xylene
Concen: 5.22 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. -0.000 min
Lab File: VU043253.D
Acq: 21 Apr 2021 16:19

Tgt Ion: 106 Resp: 53435
Ion Ratio Lower Upper
106 100
91 211.6 137.6 255.6

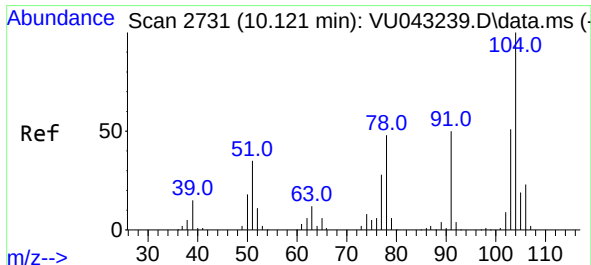
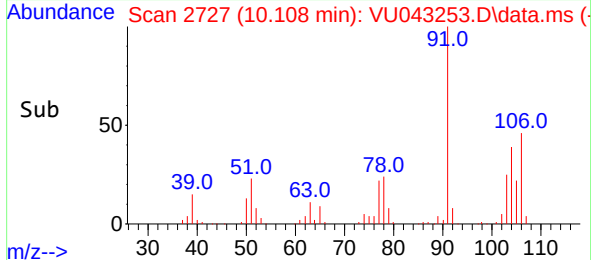
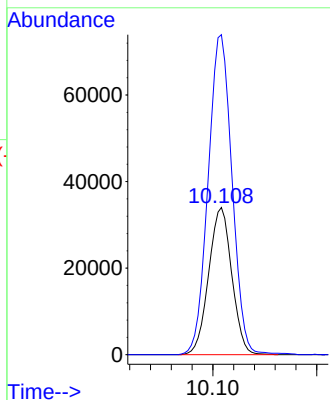
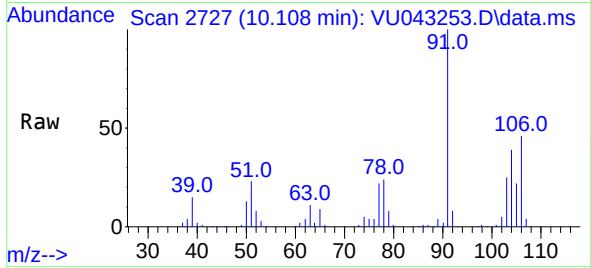




#54
o-Xylene
Concen: 5.18 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. -0.000 min
Lab File: VU043253.D
Acq: 21 Apr 2021 16:19

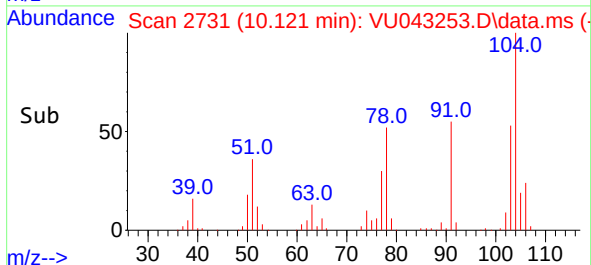
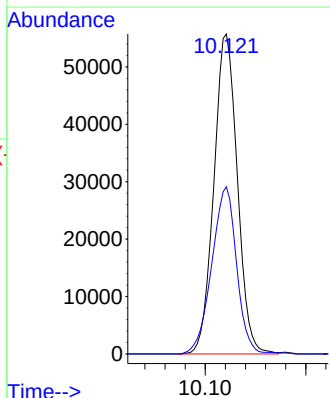
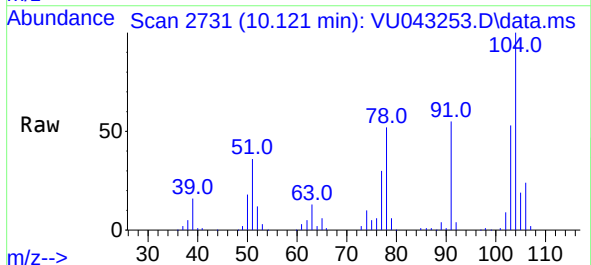
Instrument :
MSVOA_U
ClientSampleId :
H4487MSD

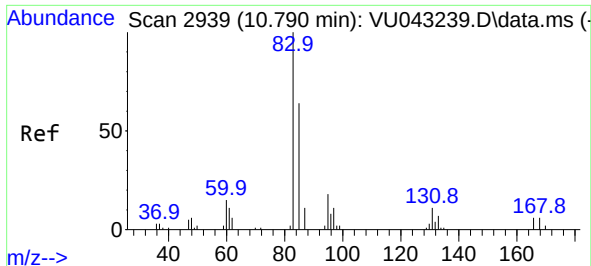
Tgt Ion:106 Resp: 52544
Ion Ratio Lower Upper
106 100
91 217.4 148.5 275.9



#55
Styrene
Concen: 5.20 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. -0.000 min
Lab File: VU043253.D
Acq: 21 Apr 2021 16:19

Tgt Ion:104 Resp: 90372
Ion Ratio Lower Upper
104 100
78 52.3 32.3 60.1

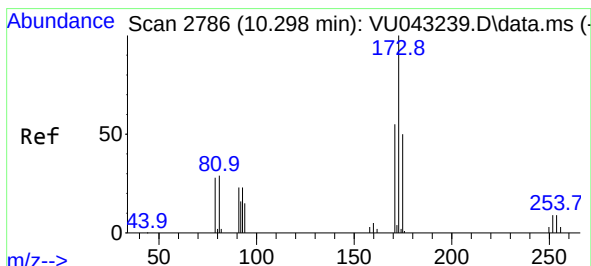
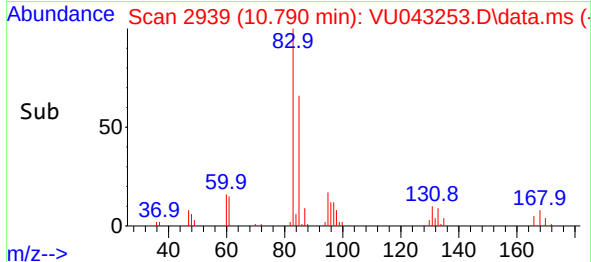
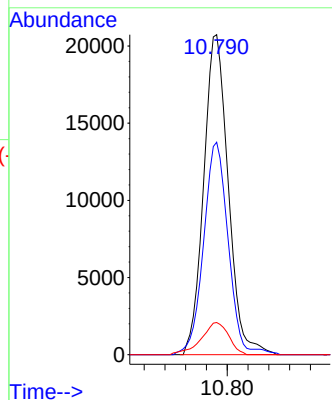
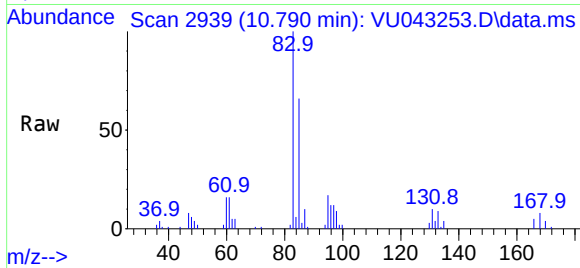




#57
1,1,2,2-Tetrachloroethane
Concen: 5.62 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. -0.000 min
Lab File: VU043253.D
Acq: 21 Apr 2021 16:19

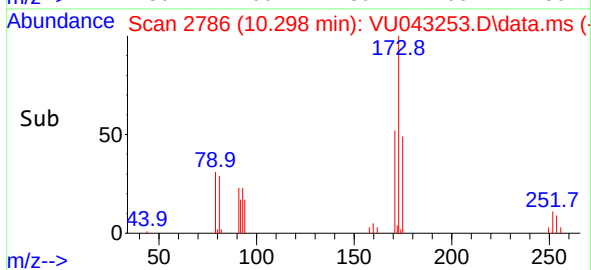
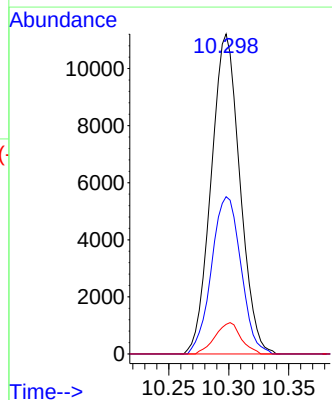
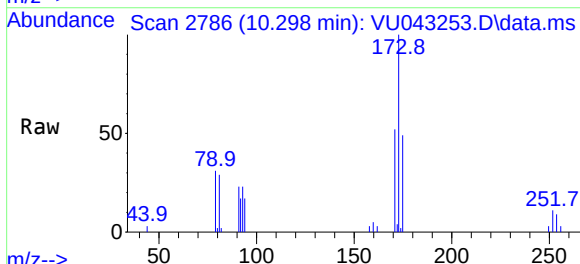
Instrument :
MSVOA_U
ClientSampleId :
H4487MSD

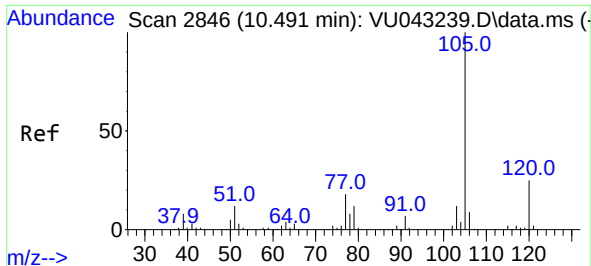
Tgt Ion:	83	Resp:	34031
Ion	Ratio	Lower	Upper
83	100		
85	66.4	44.9	83.5
131	10.0	8.2	12.4



#59
Bromoform
Concen: 5.19 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. -0.000 min
Lab File: VU043253.D
Acq: 21 Apr 2021 16:19

Tgt Ion:	173	Resp:	18654
Ion	Ratio	Lower	Upper
173	100		
175	50.3	39.4	59.0
254	8.8	8.0	12.0

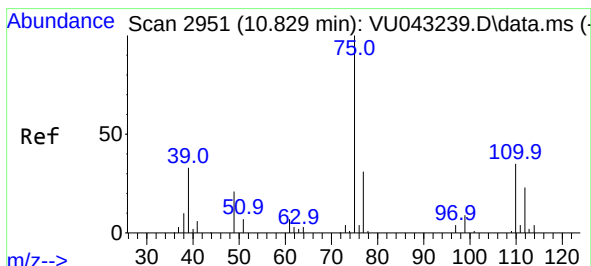
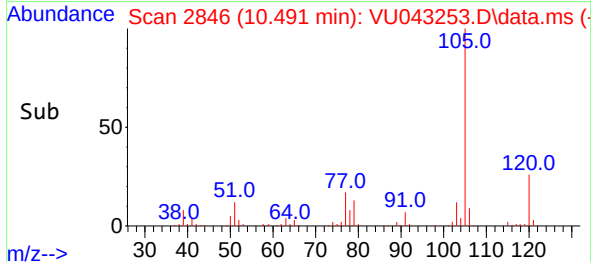
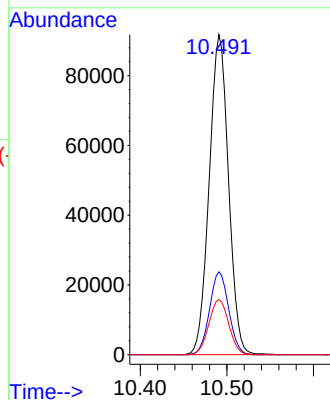
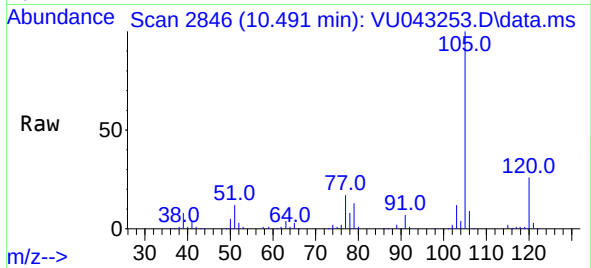




#60
Isopropylbenzene
Concen: 5.03 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. -0.000 min
Lab File: VU043253.D
Acq: 21 Apr 2021 16:19

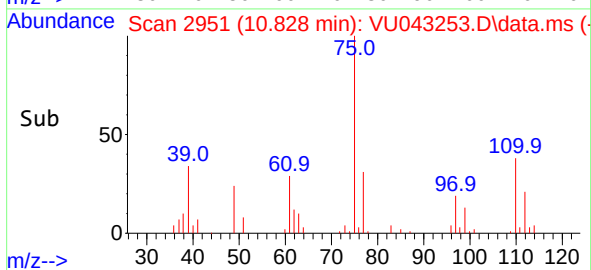
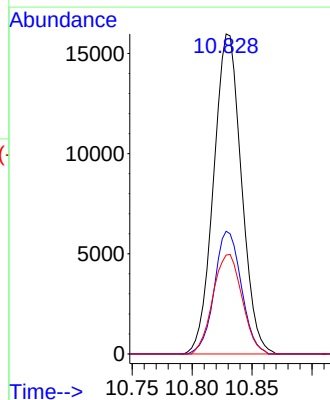
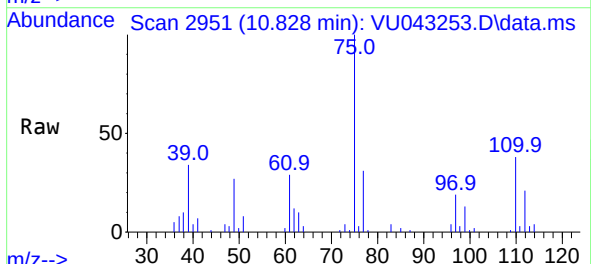
Instrument :
MSVOA_U
ClientSampleId :
H4487MSD

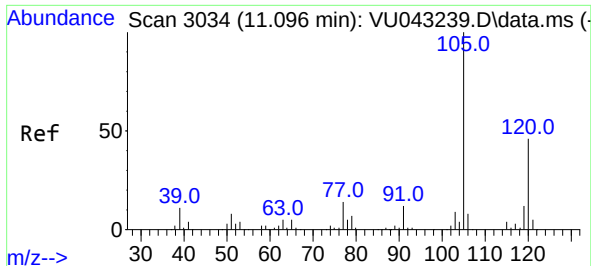
Tgt Ion:105 Resp: 141978
Ion Ratio Lower Upper
105 100
120 25.6 20.9 31.3
77 17.8 11.8 17.8#



#61
1,2,3-Trichloropropane
Concen: 5.67 ug/L
RT: 10.828 min Scan# 2951
Delta R.T. -0.000 min
Lab File: VU043253.D
Acq: 21 Apr 2021 16:19

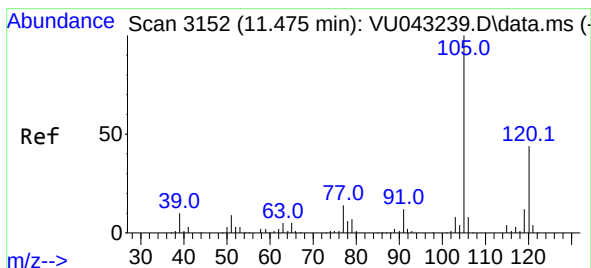
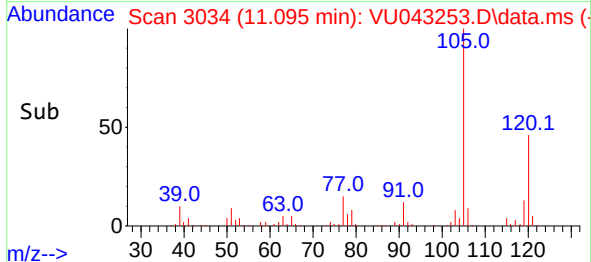
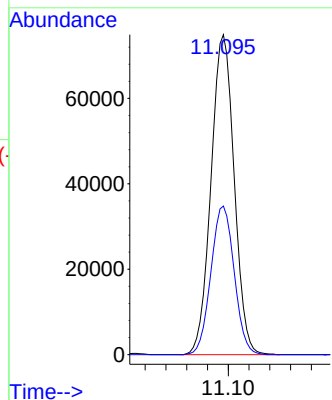
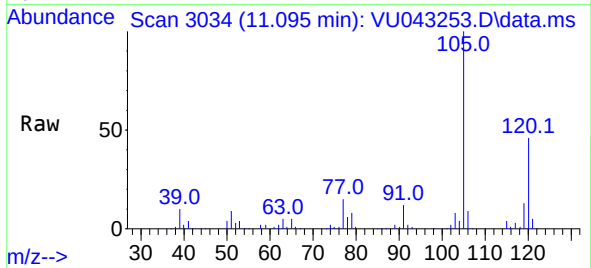
Tgt Ion: 75 Resp: 25741
Ion Ratio Lower Upper
75 100
110 37.2 31.5 47.3
77 32.6 26.3 39.5





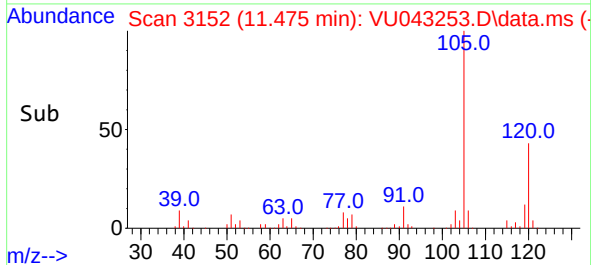
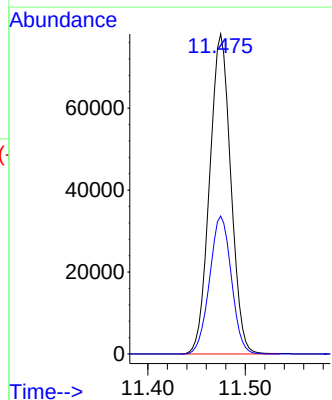
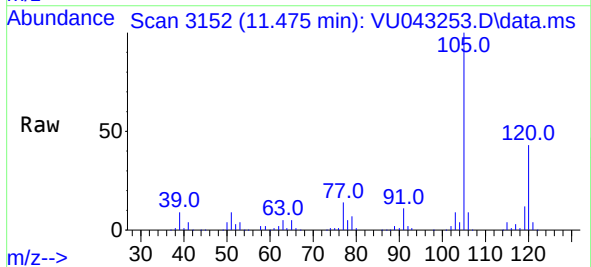
#62
1,3,5-Trimethylbenzene
Concen: 5.02 ug/L
RT: 11.095 min Scan# 3034
Delta R.T. -0.000 min
Lab File: VU043253.D
Acq: 21 Apr 2021 16:19

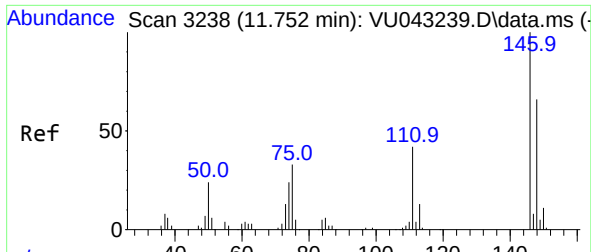
Tgt Ion:105 Resp: 115907
Ion Ratio Lower Upper
105 100
120 46.7 39.5 59.3



#63
1,2,4-Trimethylbenzene
Concen: 4.98 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VU043253.D
Acq: 21 Apr 2021 16:19

Tgt Ion:105 Resp: 118160
Ion Ratio Lower Upper
105 100
120 44.1 36.7 55.1

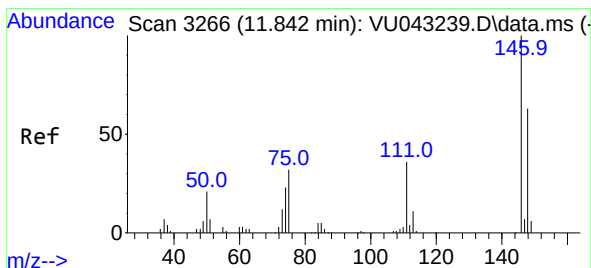
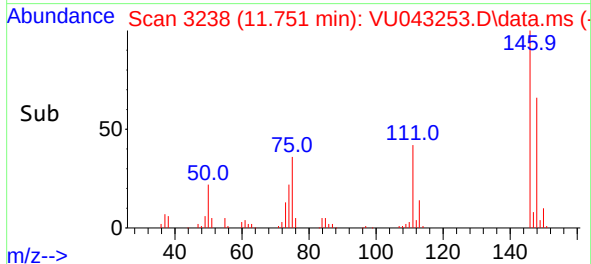
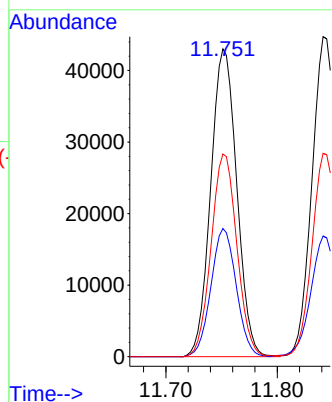
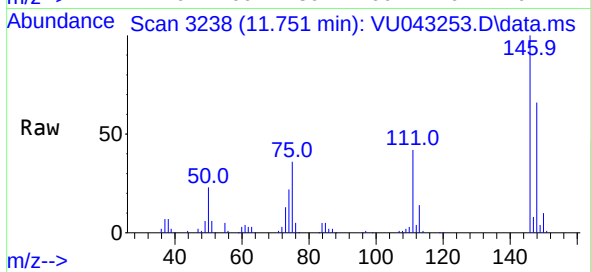




#64
1,3-Dichlorobenzene
Concen: 5.21 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. -0.000 min
Lab File: VU043253.D
Acq: 21 Apr 2021 16:19

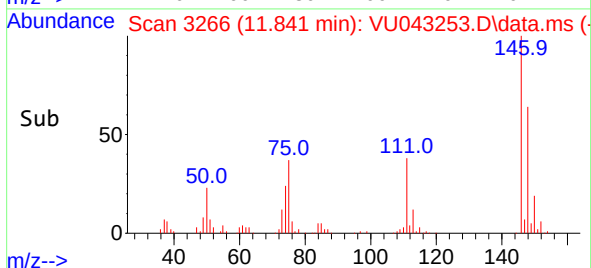
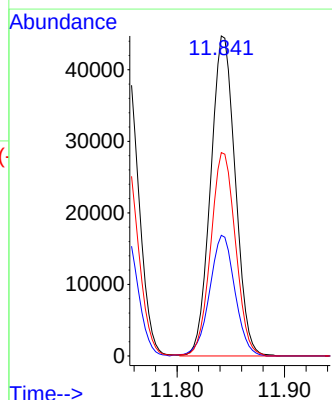
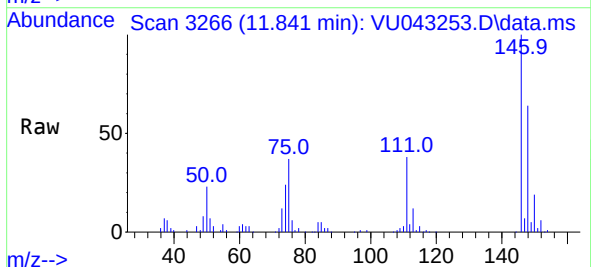
Instrument :
MSVOA_U
ClientSampleId :
H4487MSD

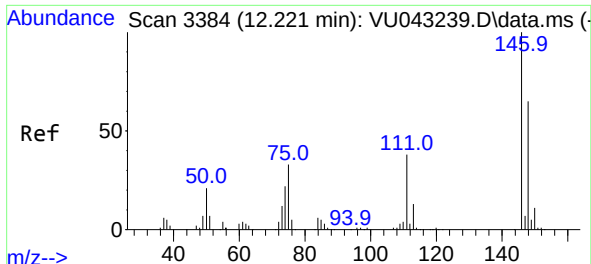
Tgt Ion:146 Resp: 69815
Ion Ratio Lower Upper
146 100
111 41.6 27.6 51.2
148 65.8 44.9 83.3



#65
1,4-Dichlorobenzene
Concen: 5.25 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. -0.000 min
Lab File: VU043253.D
Acq: 21 Apr 2021 16:19

Tgt Ion:146 Resp: 71230
Ion Ratio Lower Upper
146 100
111 37.7 26.7 49.5
148 63.5 43.9 81.5

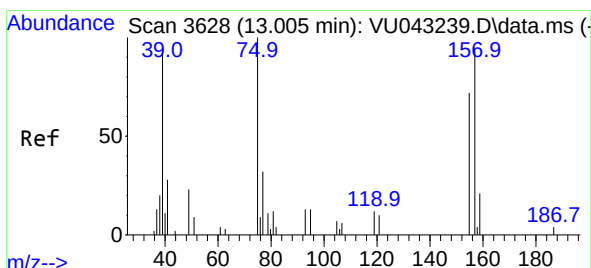
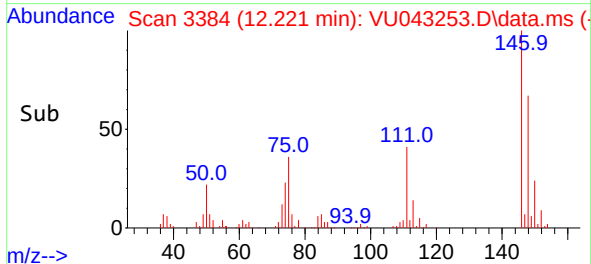
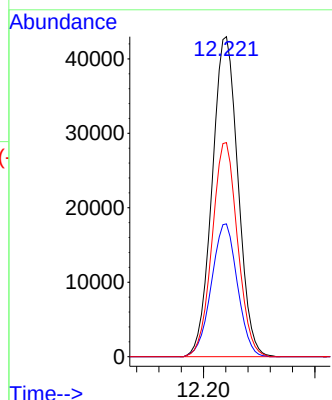
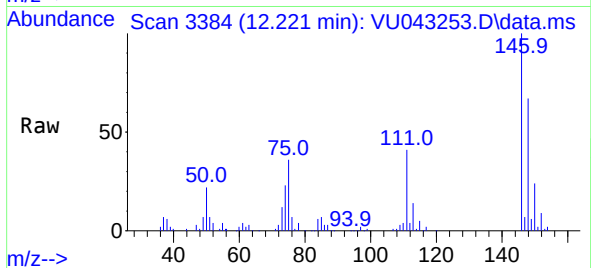




#67
1,2-Dichlorobenzene
Concen: 5.32 ug/L
RT: 12.221 min Scan# 3384
Delta R.T. -0.000 min
Lab File: VU043253.D
Acq: 21 Apr 2021 16:19

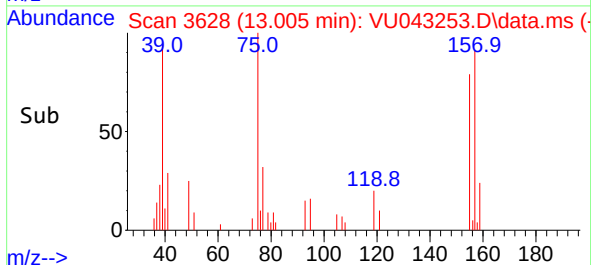
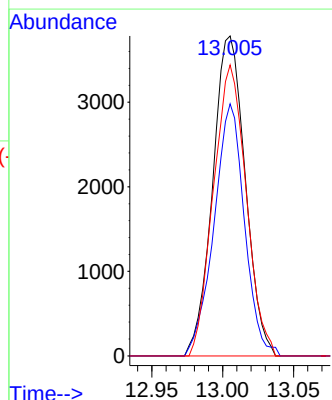
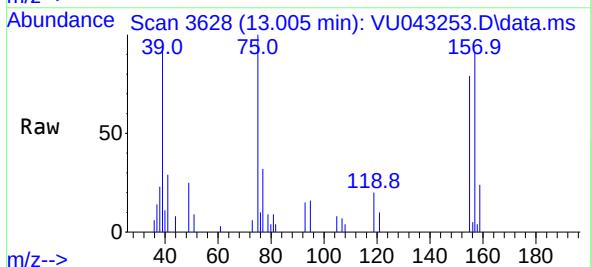
Instrument :
MSVOA_U
ClientSampleId :
H4487MSD

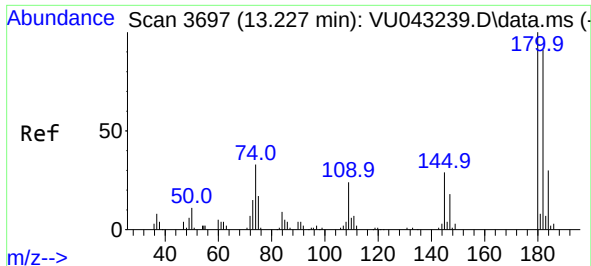
Tgt Ion:	146	Resp:	69236
Ion Ratio	Lower	Upper	
146	100		
111	41.5	31.9	47.9
148	66.9	48.8	73.2



#68
1,2-Dibromo-3-chloropropane
Concen: 5.47 ug/L
RT: 13.005 min Scan# 3628
Delta R.T. -0.000 min
Lab File: VU043253.D
Acq: 21 Apr 2021 16:19

Tgt Ion:	75	Resp:	6044
Ion Ratio	Lower	Upper	
75	100		
155	78.8	67.8	101.8
157	91.0	82.4	123.6



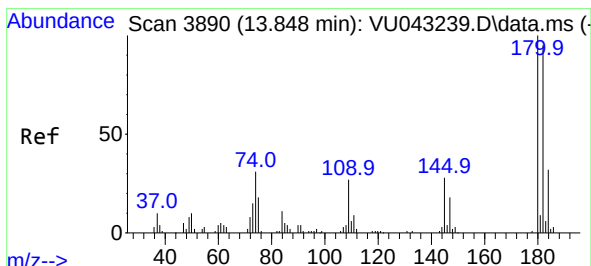
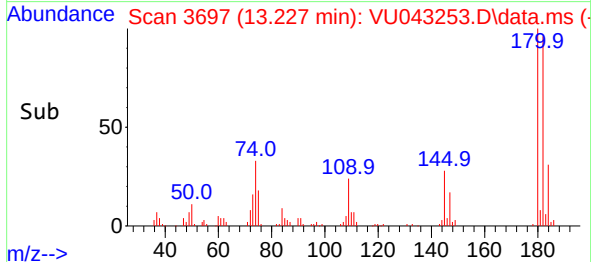
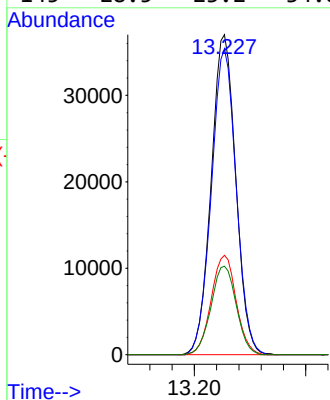
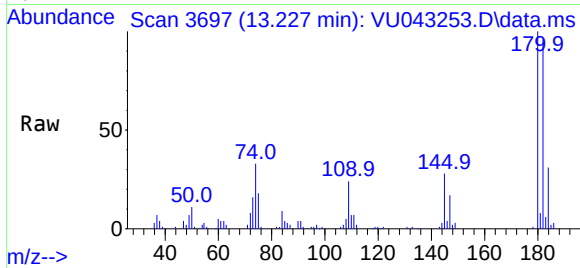


#69
1,3,5-Trichlorobenzene
Concen: 5.16 ug/L
RT: 13.227 min Scan# 3697
Delta R.T. -0.000 min
Lab File: VU043253.D
Acq: 21 Apr 2021 16:19

Instrument :
MSVOA_U
ClientSampleId :
H4487MSD

Tgt Ion:180 Resp: 56672

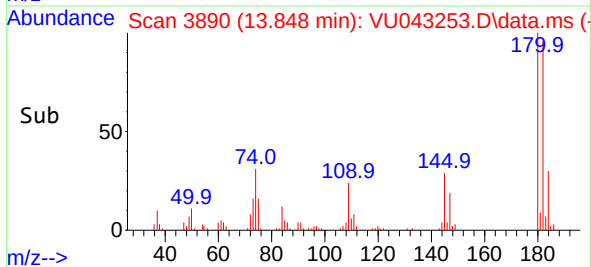
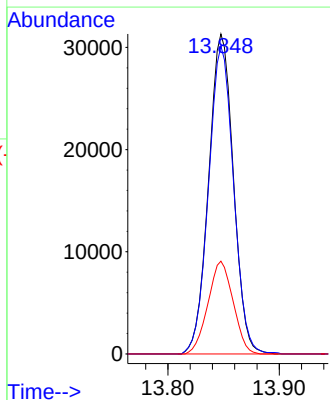
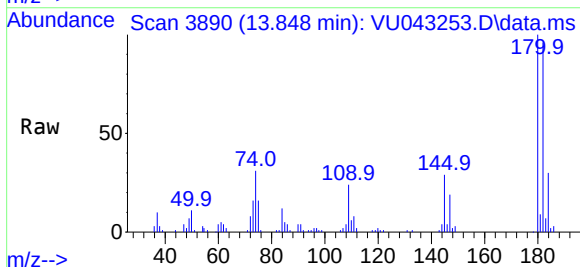
Ion	Ratio	Lower	Upper
180	100		
182	96.2	76.1	114.1
184	31.5	24.0	36.0
145	28.5	23.2	34.8

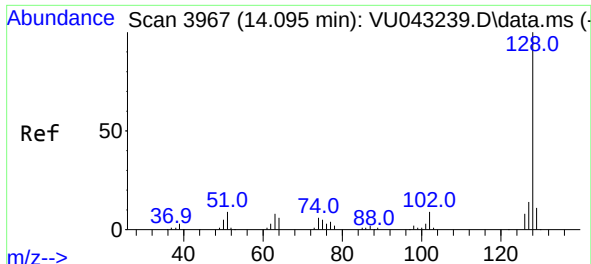


#70
1,2,4-trichlorobenzene
Concen: 5.32 ug/L
RT: 13.848 min Scan# 3890
Delta R.T. -0.000 min
Lab File: VU043253.D
Acq: 21 Apr 2021 16:19

Tgt Ion:180 Resp: 48386

Ion	Ratio	Lower	Upper
180	100		
182	97.1	76.5	114.7
145	29.4	24.1	36.1

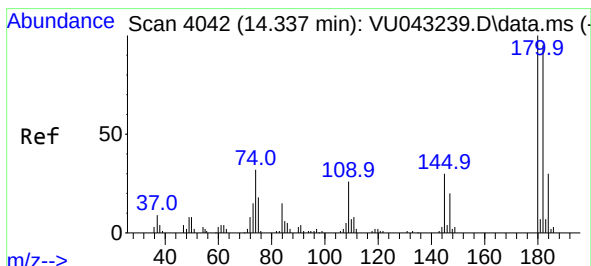
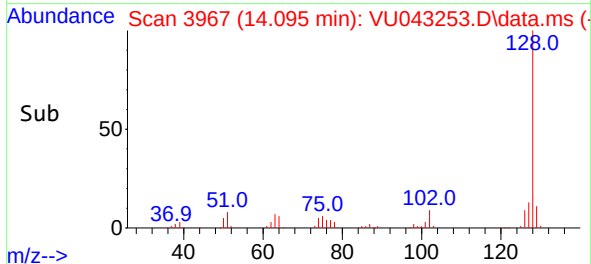
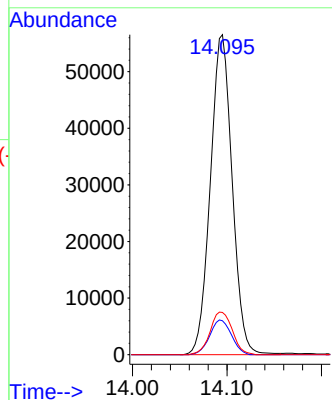
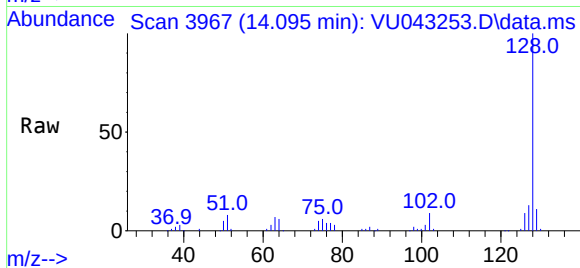




#71
Naphthalene
Concen: 5.90 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. -0.000 min
Lab File: VU043253.D
Acq: 21 Apr 2021 16:19

Instrument :
MSVOA_U
ClientSampleId :
H4487MSD

Tgt Ion:	128	Resp:	90534
Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.6	12.8
127	13.6	10.6	15.8



#72
1,2,3-Trichlorobenzene
Concen: 5.53 ug/L
RT: 14.336 min Scan# 4042
Delta R.T. -0.000 min
Lab File: VU043253.D
Acq: 21 Apr 2021 16:19

Tgt Ion:	180	Resp:	46079
Ion	Ratio	Lower	Upper
180	100		
182	98.7	75.8	113.8
145	32.9	25.0	37.4

