

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042121\
 Data File : VU043252.D
 Acq On : 21 Apr 2021 15:55
 Operator : SY/MD
 Sample : M2088-07MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4487MS

Quant Time: Apr 22 04:43:14 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	80226	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	82849	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	44448	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	16915	4.15	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.00%
7) Chloroethane-d5	1.919	69	18019	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.80%
11) 1,1-Dichloroethene-d2	2.572	65	11125	4.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.20%
20) 2-Butanone-d5	4.642	46	105748	59.10	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.20%
24) Chloroform-d	5.073	84	56507	5.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.00%
26) 1,2-Dichloroethane-d4	5.710	65	34531	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
32) Benzene-d6	5.735	84	94189	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
36) 1,2-Dichloropropane-d6	6.700	67	31403	4.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.20%
41) Toluene-d8	7.906	98	88631	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.40%
43) trans-1,3-Dichloroprop...	8.185	79	13177	4.67	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.40%
46) 2-Hexanone-d5	8.642	63	66608	47.27	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.54%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	29555	5.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.00%
66) 1,2-Dichlorobenzene-d4	12.198	152	36479	4.79	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.80%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	14394	2.80	ug/L	99
3) Chloromethane	1.523	50	18942	3.74	ug/L	100
5) Vinyl chloride	1.610	62	21830	4.14	ug/L	# 78
6) Bromomethane	1.864	94	13083	4.16	ug/L	93
8) Chloroethane	1.941	64	17146	4.51	ug/L	85
9) Trichlorofluoromethane	2.144	101	42483	4.33	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	25437	4.80	ug/L	94
12) 1,1-Dichloroethene	2.588	96	22411	5.03	ug/L	86
13) Acetone	2.655	43	73721	56.07	ug/L	# 65
14) Carbon disulfide	2.800	76	65059	5.72	ug/L	100
15) Methyl Acetate	2.964	43	16084	6.51	ug/L	# 85
16) Methylene chloride	3.054	84	27513	4.77	ug/L	81
17) Methyl tert-butyl Ether	3.372	73	555306	38.08	ug/L	# 92
18) trans-1,2-Dichloroethene	3.362	96	26531	5.58	ug/L	92
19) 1,1-Dichloroethane	3.877	63	55825	5.39	ug/L	98
21) 2-Butanone	4.723	43	119565	55.10	ug/L	84
22) cis-1,2-Dichloroethene	4.678	96	35230	6.26	ug/L	88
23) Bromochloromethane	4.986	128	14574	5.68	ug/L	# 80
25) Chloroform	5.099	83	57154	5.18	ug/L	96

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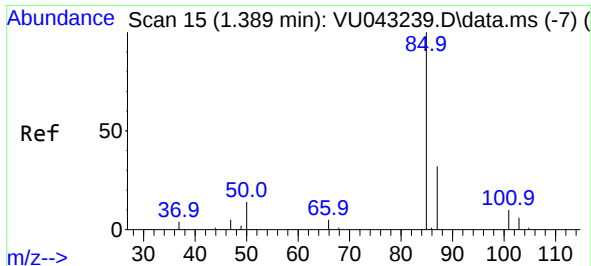
Instrument :
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Quant Time: Apr 22 04:43:14 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

27) 1,2-Dichloroethane	5.803	62	43855	5.42	ug/L	97
29) 1,1,1-Trichloroethane	5.327	97	49626	4.85	ug/L #	92
30) Cyclohexane	5.401	56	42824	4.89	ug/L	85
31) Carbon tetrachloride	5.536	117	42916	5.03	ug/L	100
33) Benzene	5.784	78	114481	5.17	ug/L	100
34) Trichloroethene	6.549	95	38966	6.39	ug/L	93
35) Methylcyclohexane	6.771	83	41679	4.94	ug/L	89
37) 1,2-Dichloropropane	6.800	63	31662	5.08	ug/L	97
38) Bromodichloromethane	7.112	83	41898	5.01	ug/L	96
39) cis-1,3-Dichloropropene	7.616	75	43795	4.81	ug/L	99
40) 4-Methyl-2-pentanone	7.800	43	295962	53.04	ug/L #	83
42) Toluene	7.976	91	127515	5.15	ug/L	96
44) trans-1,3-Dichloropropene	8.218	75	39762	4.63	ug/L	99
45) 1,1,2-Trichloroethane	8.407	97	23784	5.10	ug/L	96
47) Tetrachloroethene	8.558	164	25686	5.31	ug/L	96
48) 2-Hexanone	8.693	43	232535	56.64	ug/L #	82
49) Dibromochloromethane	8.816	129	29179	4.96	ug/L	92
50) 1,2-Dibromoethane	8.931	107	23311	5.03	ug/L #	99
51) Chlorobenzene	9.452	112	78899	5.00	ug/L	94
52) Ethylbenzene	9.578	91	134002	4.73	ug/L	98
53) m,p-Xylene	9.700	106	50438	4.86	ug/L	83
54) o-Xylene	10.108	106	49487	4.82	ug/L	94
55) Styrene	10.121	104	85917	4.88	ug/L	92
57) 1,1,2,2-Tetrachloroethane	10.787	83	32512	5.31	ug/L	97
59) Bromoform	10.298	173	17551	4.83	ug/L	99
60) Isopropylbenzene	10.491	105	135232	4.74	ug/L	97
61) 1,2,3-Trichloropropane	10.828	75	24470	5.33	ug/L	95
62) 1,3,5-Trimethylbenzene	11.095	105	108585	4.65	ug/L	96
63) 1,2,4-Trimethylbenzene	11.475	105	112223	4.68	ug/L	97
64) 1,3-Dichlorobenzene	11.751	146	68318	5.05	ug/L	97
65) 1,4-Dichlorobenzene	11.841	146	68547	4.99	ug/L	100
67) 1,2-Dichlorobenzene	12.217	146	65662	4.99	ug/L	99
68) 1,2-Dibromo-3-chloropr...	13.002	75	5470	4.89	ug/L	99
69) 1,3,5-Trichlorobenzene	13.227	180	54634	4.92	ug/L	98
70) 1,2,4-trichlorobenzene	13.848	180	45123	4.91	ug/L	99
71) Naphthalene	14.095	128	81751	5.27	ug/L	99
72) 1,2,3-Trichlorobenzene	14.336	180	44099	5.23	ug/L	97

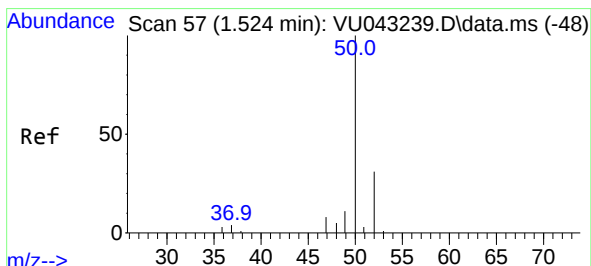
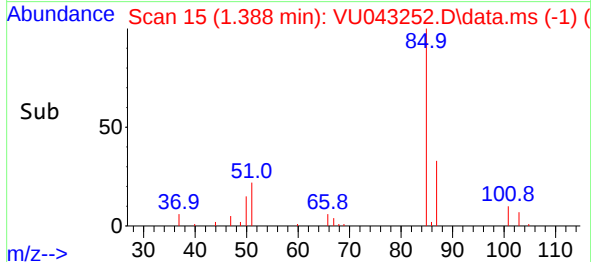
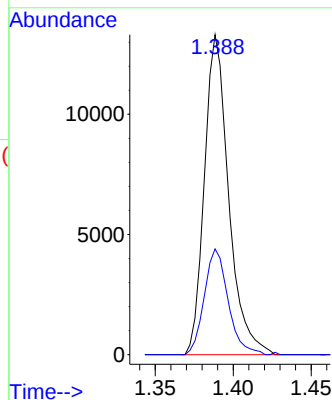
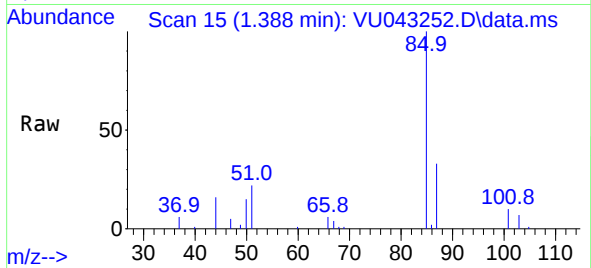
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 2.80 ug/L
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU043252.D
Acq: 21 Apr 2021 15:55

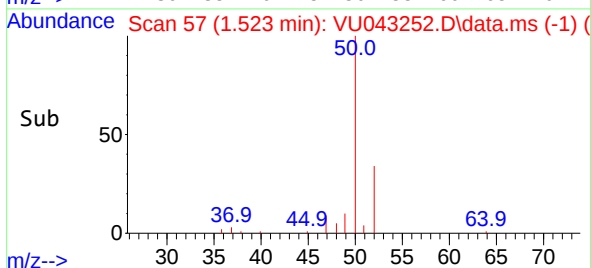
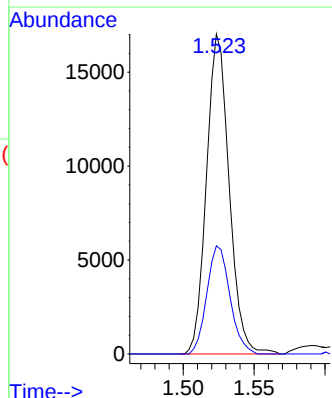
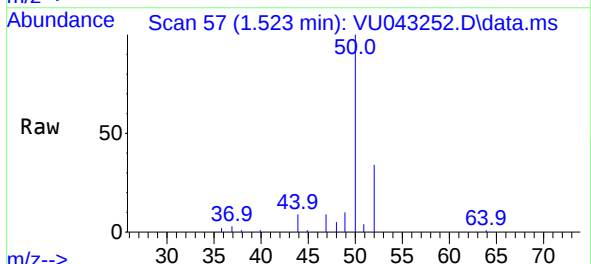
Instrument :
MSVOA_U
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H4487MS

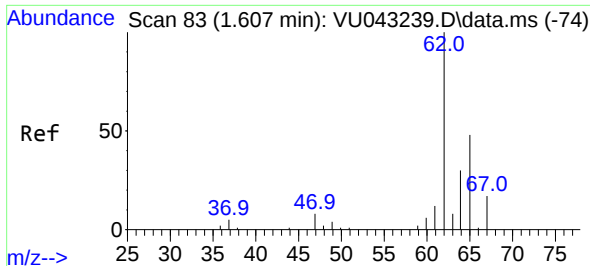
Tgt Ion: 85 Resp: 14394
Ion Ratio Lower Upper
85 100
87 32.5 26.3 39.5



#3
Chloromethane
Concen: 3.74 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU043252.D
Acq: 21 Apr 2021 15:55

Tgt Ion: 50 Resp: 18942
Ion Ratio Lower Upper
50 100
52 33.8 23.6 43.8

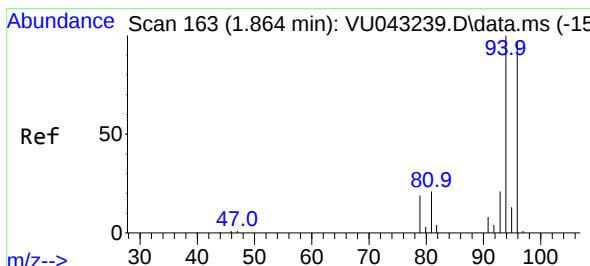
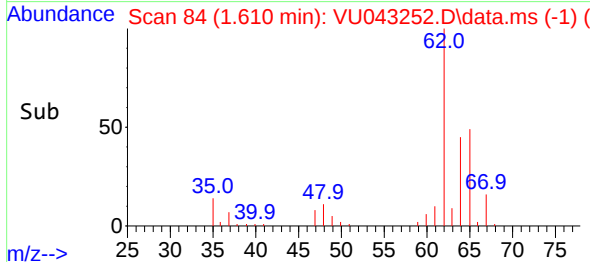
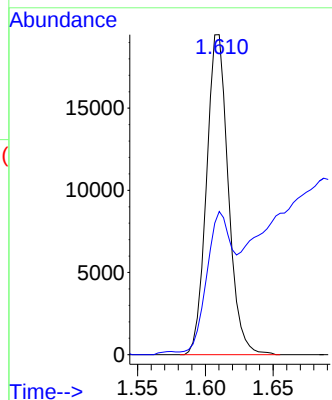
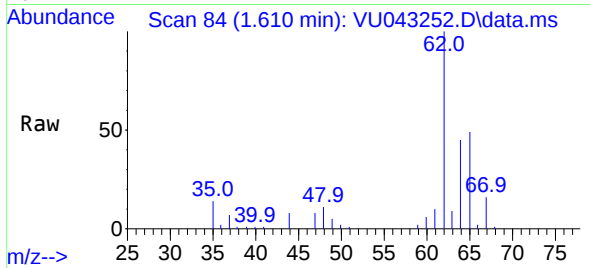




#5
 Vinyl chloride
 Concen: 4.14 ug/L
 RT: 1.610 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VU043252.D
 Acq: 21 Apr 2021 15:55

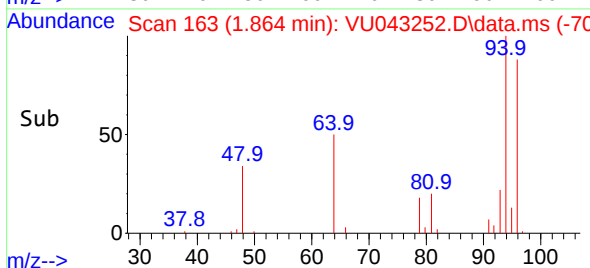
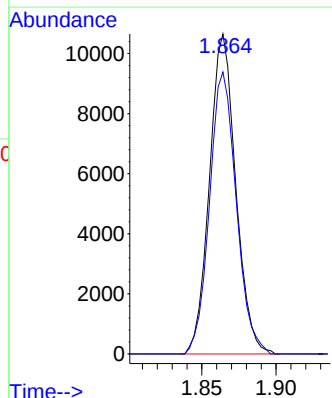
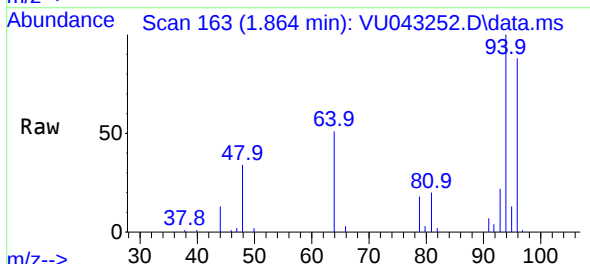
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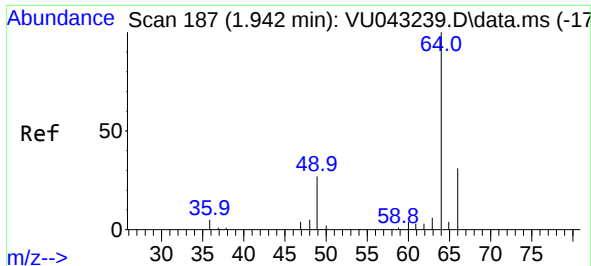
Tgt Ion: 62 Resp: 21830
 Ion Ratio Lower Upper
 62 100
 64 44.8 22.8 42.4#



#6
 Bromomethane
 Concen: 4.16 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. -0.000 min
 Lab File: VU043252.D
 Acq: 21 Apr 2021 15:55

Tgt Ion: 94 Resp: 13083
 Ion Ratio Lower Upper
 94 100
 96 88.1 66.1 122.7

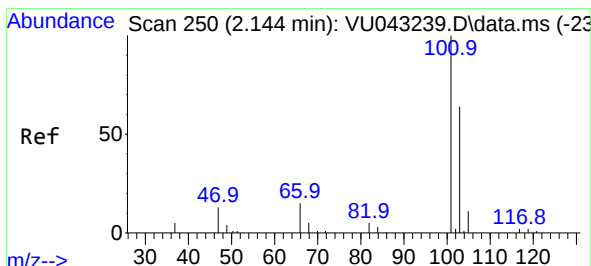
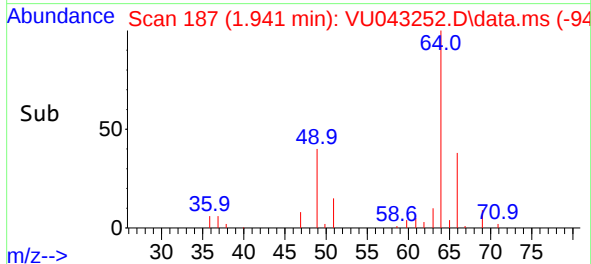
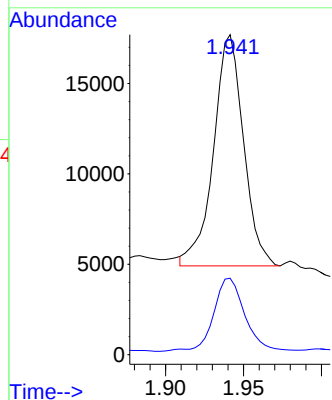
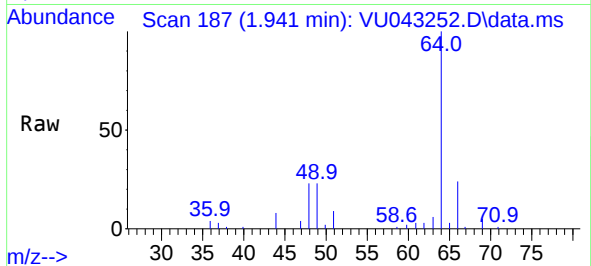




#8
Chloroethane
Concen: 4.51 ug/L
RT: 1.941 min Scan# 187
Delta R.T. -0.000 min
Lab File: VU043252.D
Acq: 21 Apr 2021 15:55

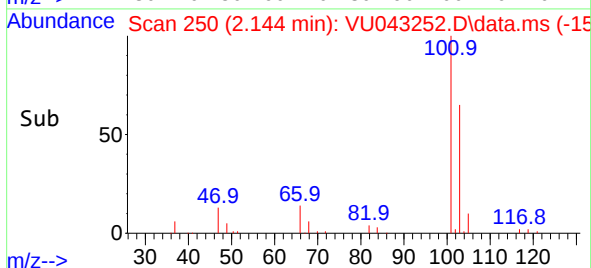
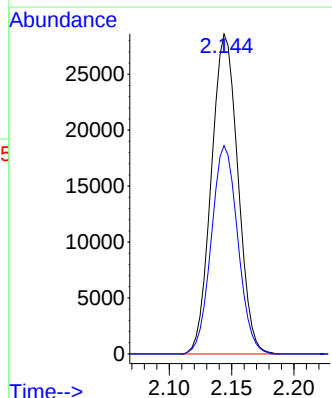
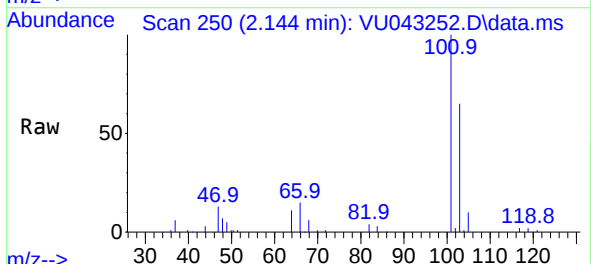
Instrument :
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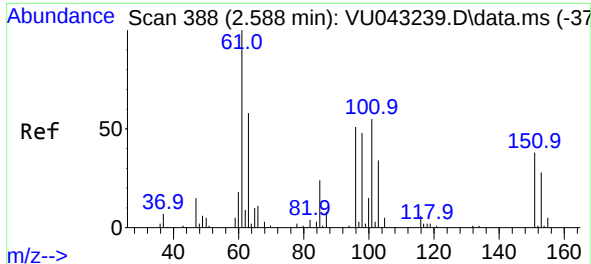
Tgt Ion: 64 Resp: 17146
Ion Ratio Lower Upper
64 100
66 23.9 22.4 41.6



#9
Trichlorofluoromethane
Concen: 4.33 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU043252.D
Acq: 21 Apr 2021 15:55

Tgt Ion:101 Resp: 42483
Ion Ratio Lower Upper
101 100
103 64.8 51.5 77.3

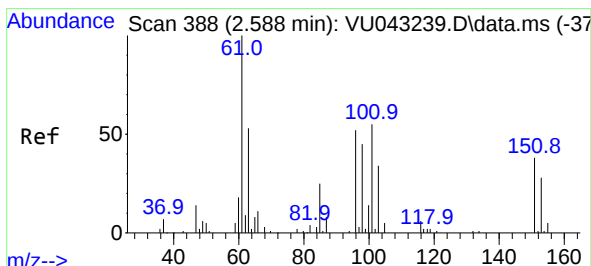
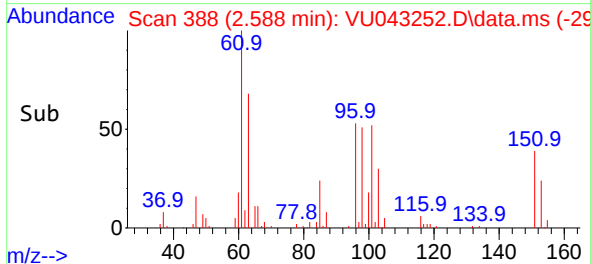
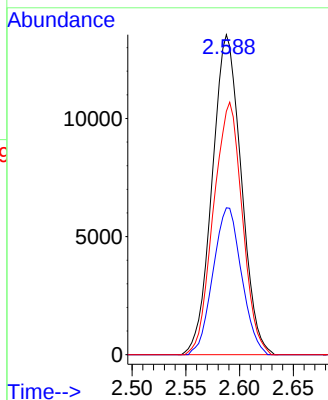
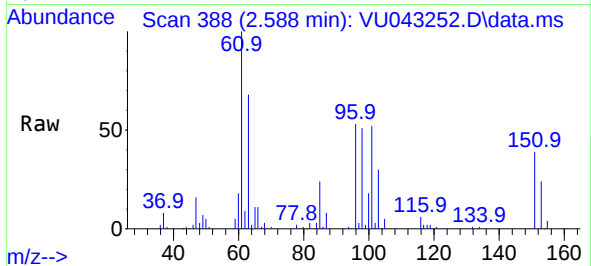




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.80 ug/L
RT: 2.588 min Scan# 388
Delta R.T. -0.000 min
Lab File: VU043252.D
Acq: 21 Apr 2021 15:55

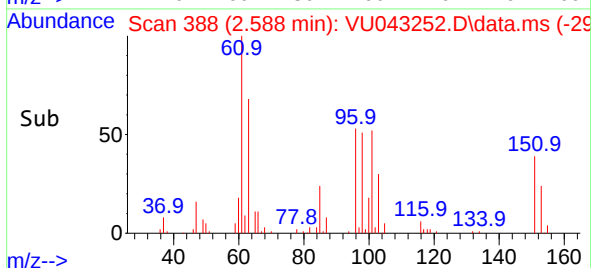
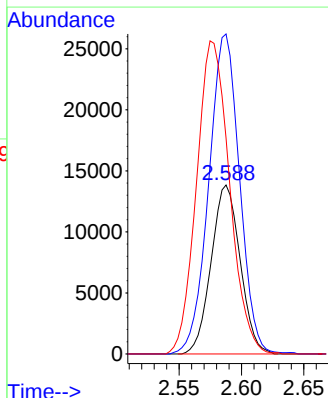
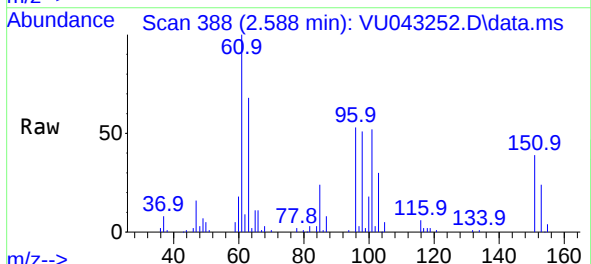
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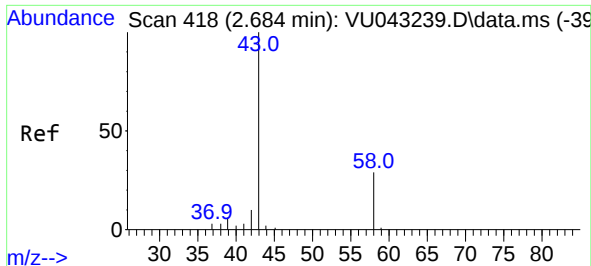
Tgt Ion:101 Resp: 25437
Ion Ratio Lower Upper
101 100
85 45.1 34.5 51.7
151 78.5 57.4 86.2



#12
1,1-Dichloroethene
Concen: 5.03 ug/L
RT: 2.588 min Scan# 388
Delta R.T. -0.000 min
Lab File: VU043252.D
Acq: 21 Apr 2021 15:55

Tgt Ion: 96 Resp: 22411
Ion Ratio Lower Upper
96 100
61 189.4 115.1 213.7
63 127.9 84.1 156.1

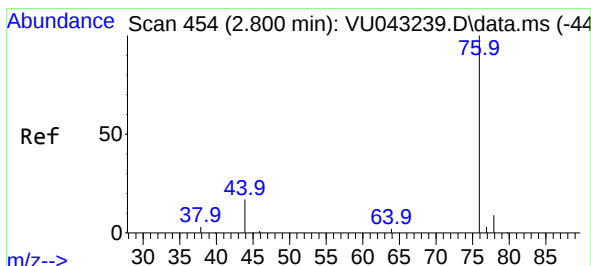
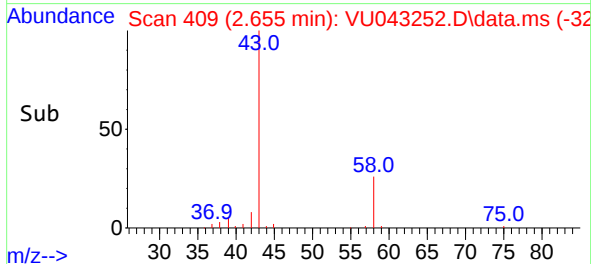
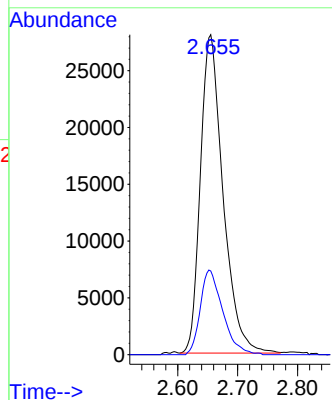
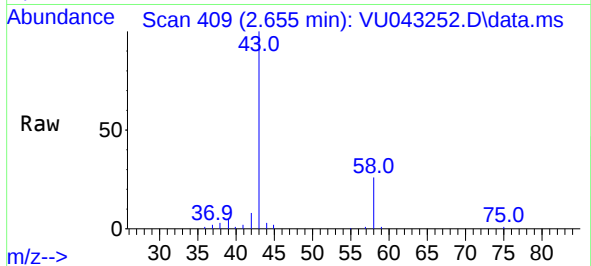




#13
Acetone
Concen: 56.07 ug/L
RT: 2.655 min Scan# 409
Delta R.T. -0.029 min
Lab File: VU043252.D
Acq: 21 Apr 2021 15:55

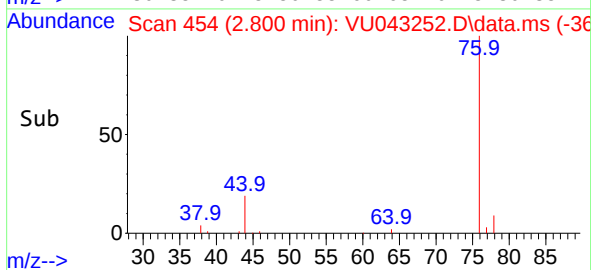
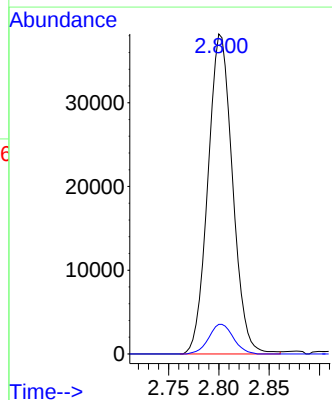
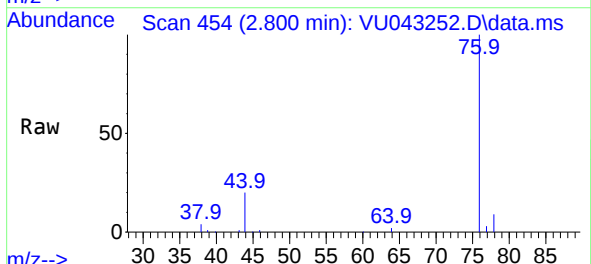
Instrument :
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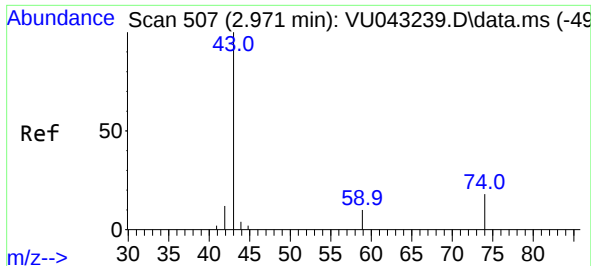
Tgt Ion: 43 Resp: 73721
Ion Ratio Lower Upper
43 100
58 26.2 0.0 25.0#



#14
Carbon disulfide
Concen: 5.72 ug/L
RT: 2.800 min Scan# 454
Delta R.T. -0.000 min
Lab File: VU043252.D
Acq: 21 Apr 2021 15:55

Tgt Ion: 76 Resp: 65059
Ion Ratio Lower Upper
76 100
78 9.3 7.5 11.3

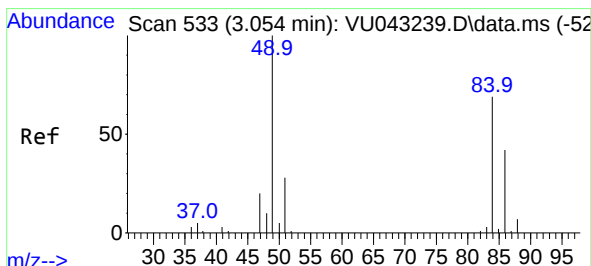
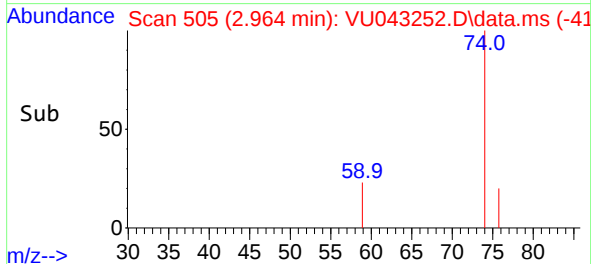
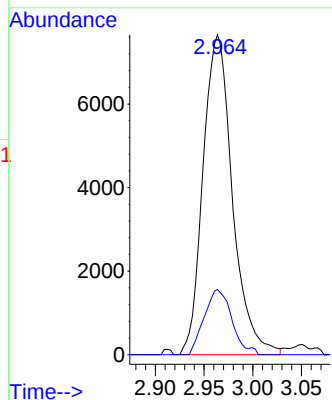
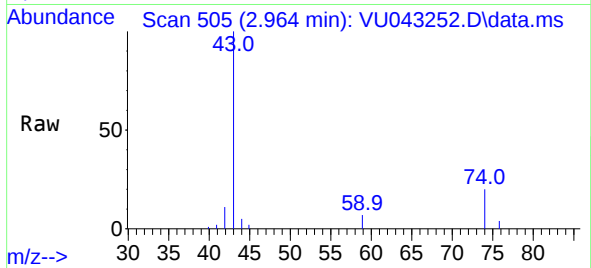




#15
Methyl Acetate
Concen: 6.51 ug/L
RT: 2.964 min Scan# 505
Delta R.T. -0.007 min
Lab File: VU043252.D
Acq: 21 Apr 2021 15:55

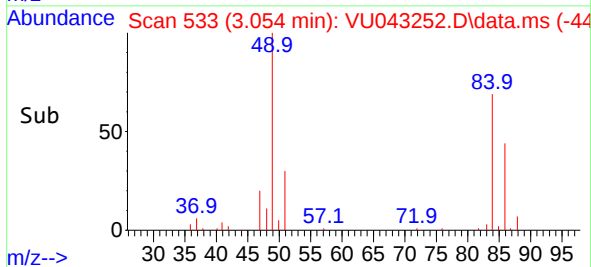
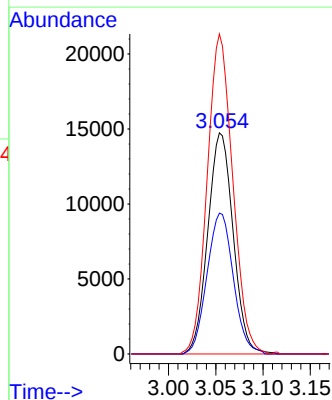
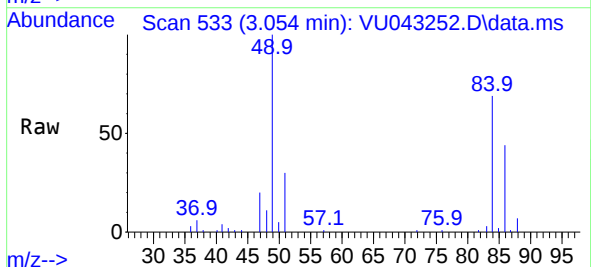
Instrument :
MSVOA_U
ClientSampleId :
H4487MS

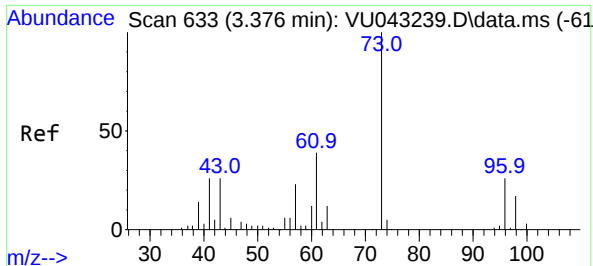
Tgt Ion: 43 Resp: 16084
Ion Ratio Lower Upper
43 100
74 19.1 21.5 32.3#



#16
Methylene chloride
Concen: 4.77 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU043252.D
Acq: 21 Apr 2021 15:55

Tgt Ion: 84 Resp: 27513
Ion Ratio Lower Upper
84 100
86 63.7 44.9 83.5
49 144.7 79.0 146.8

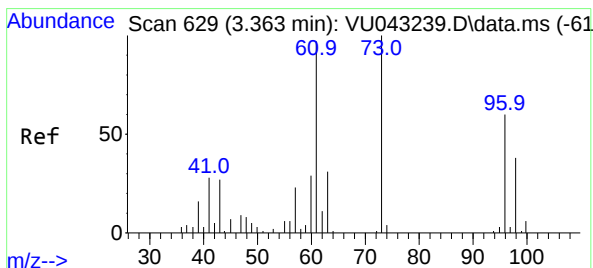
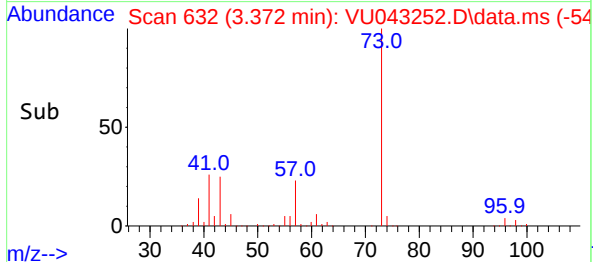
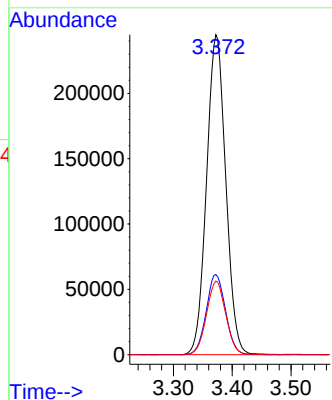
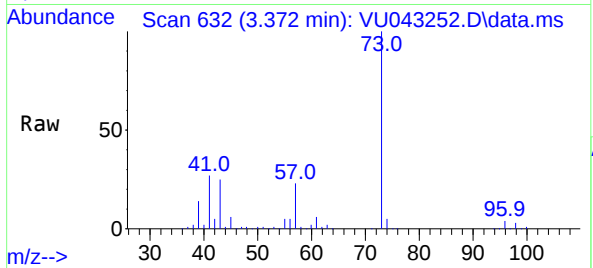




#17
Methyl tert-butyl Ether
Concen: 38.08 ug/L
RT: 3.372 min Scan# 632
Delta R.T. -0.004 min
Lab File: VU043252.D
Acq: 21 Apr 2021 15:55

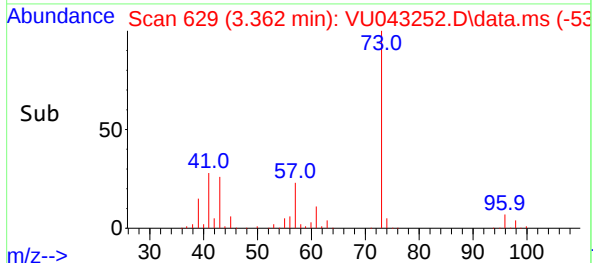
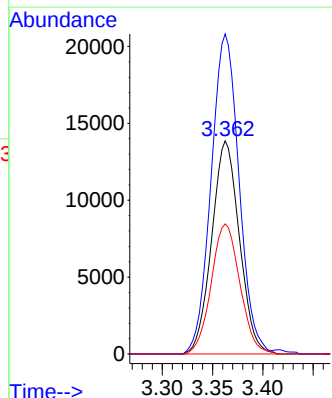
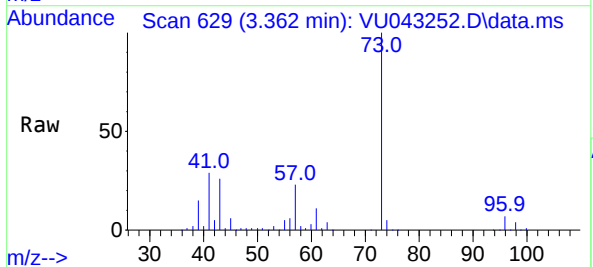
Instrument :
MSVOA_U
ClientSampleId :
H4487MS

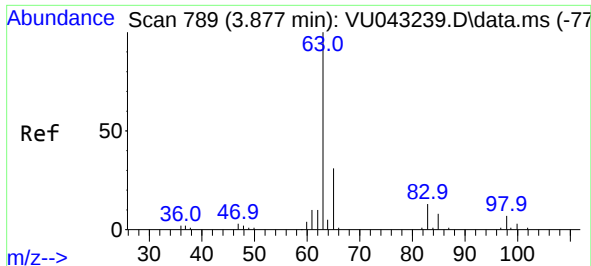
Tgt Ion: 73 Resp: 555306
Ion Ratio Lower Upper
73 100
43 25.2 15.0 22.4#
57 23.0 17.3 25.9



#18
trans-1,2-Dichloroethene
Concen: 5.58 ug/L
RT: 3.362 min Scan# 629
Delta R.T. -0.000 min
Lab File: VU043252.D
Acq: 21 Apr 2021 15:55

Tgt Ion: 96 Resp: 26531
Ion Ratio Lower Upper
96 100
61 150.2 96.6 179.4
98 61.0 44.7 82.9

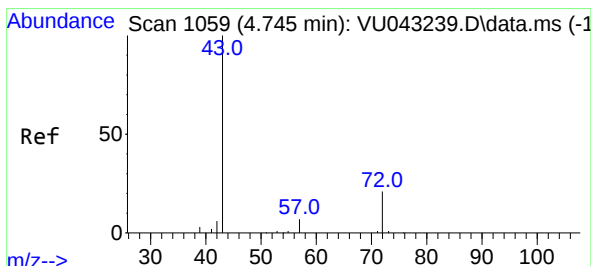
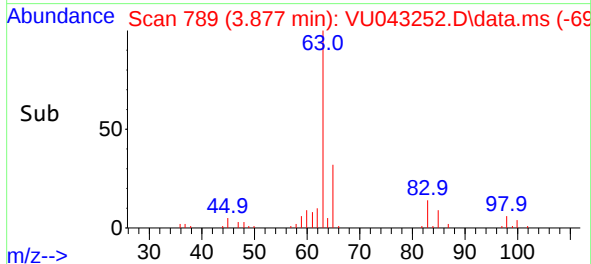
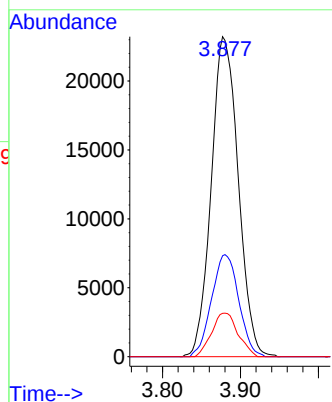
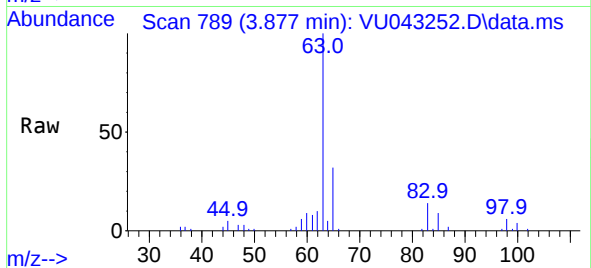




#19
1,1-Dichloroethane
Concen: 5.39 ug/L
RT: 3.877 min Scan# 789
Delta R.T. -0.000 min
Lab File: VU043252.D
Acq: 21 Apr 2021 15:55

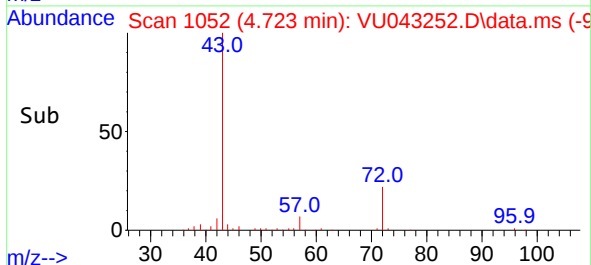
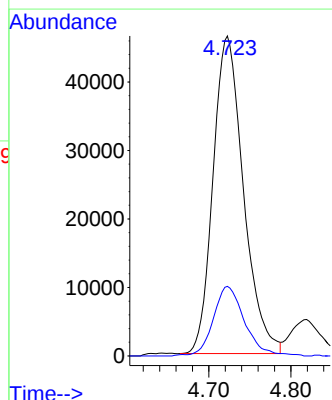
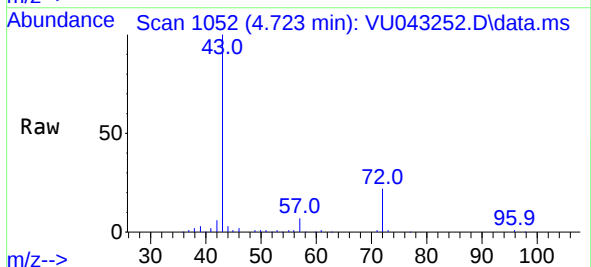
Instrument :
MSVOA_U
ClientSampleId :
H4487MS

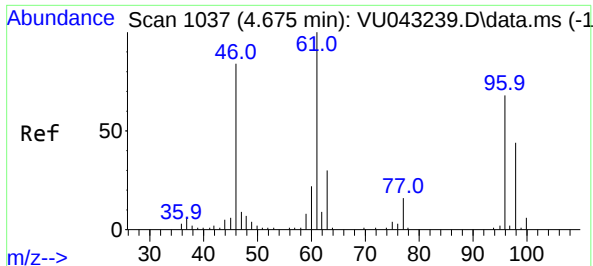
Tgt Ion:	63	Resp:	55825
Ion	Ratio	Lower	Upper
63	100		
65	31.5	23.2	43.0
83	13.6	9.9	18.3



#21
2-Butanone
Concen: 55.10 ug/L
RT: 4.723 min Scan# 1052
Delta R.T. -0.023 min
Lab File: VU043252.D
Acq: 21 Apr 2021 15:55

Tgt Ion:	43	Resp:	119565
Ion	Ratio	Lower	Upper
43	100		
72	22.6	15.8	47.3



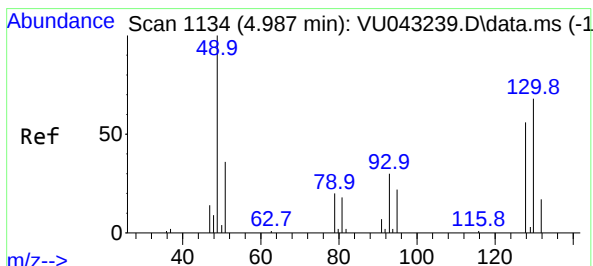
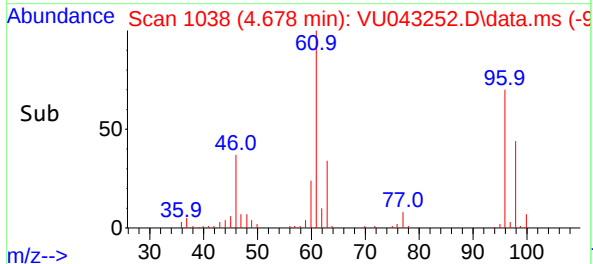
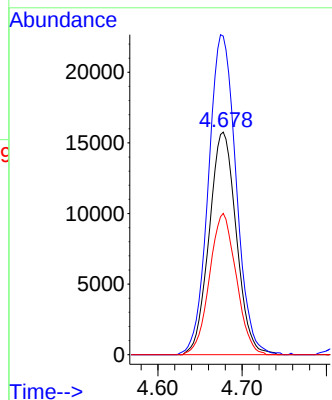
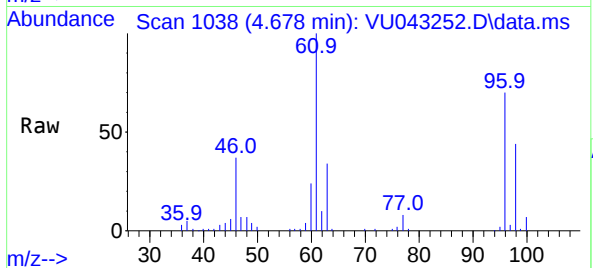


#22

cis-1,2-Dichloroethene
Concen: 6.26 ug/L
RT: 4.678 min Scan# 1038
Delta R.T. 0.003 min
Lab File: VU043252.D
Acq: 21 Apr 2021 15:55

Instrument :
MSVOA_U
ClientSampled :
H4487MS

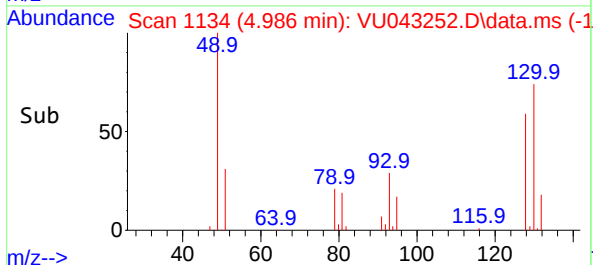
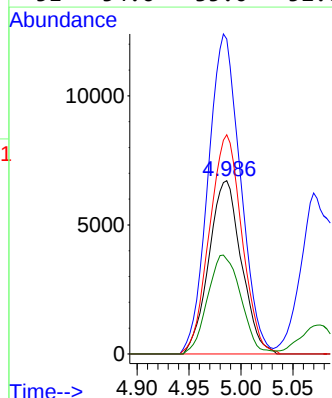
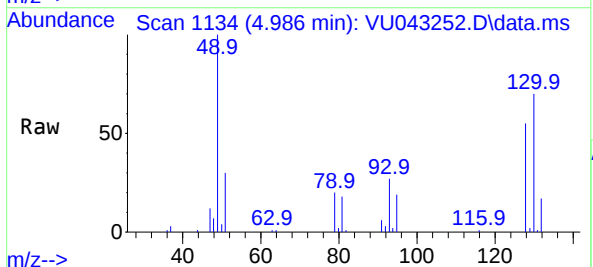
Tgt Ion:	96	Resp:	35230
Ion	Ratio	Lower	Upper
96	100		
61	143.2	87.4	162.4
98	63.5	47.7	88.5

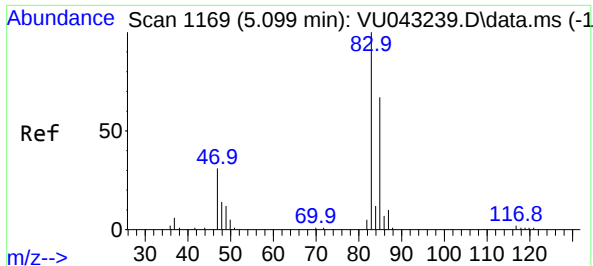


#23

Bromochloromethane
Concen: 5.68 ug/L
RT: 4.986 min Scan# 1134
Delta R.T. -0.000 min
Lab File: VU043252.D
Acq: 21 Apr 2021 15:55

Tgt Ion:	128	Resp:	14574
Ion	Ratio	Lower	Upper
128	100		
49	181.6	96.4	179.0#
130	126.5	91.2	169.4
51	54.6	35.0	52.6#

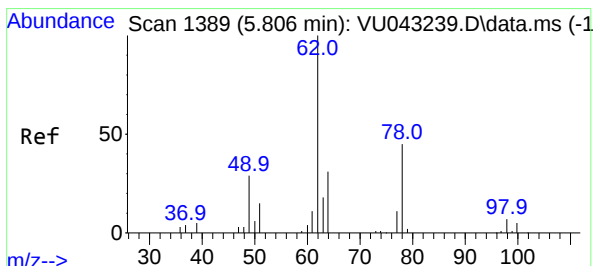
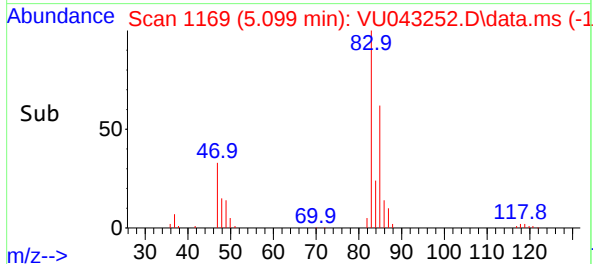
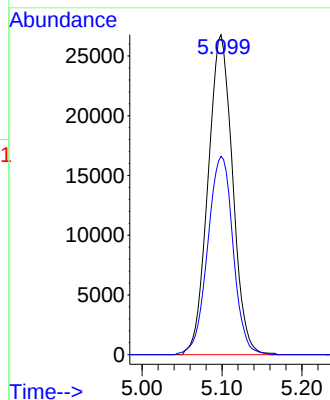
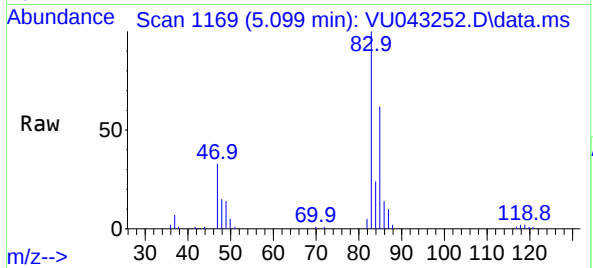




#25
Chloroform
Concen: 5.18 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VU043252.D
Acq: 21 Apr 2021 15:55

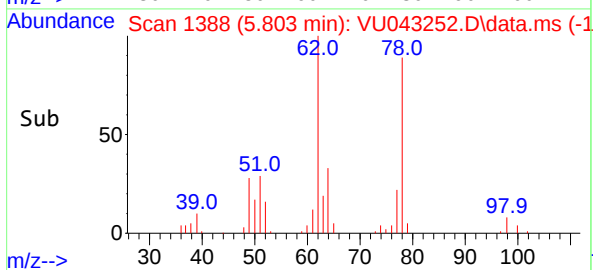
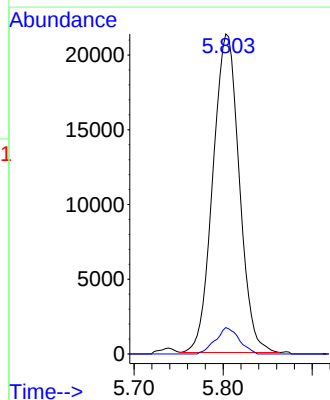
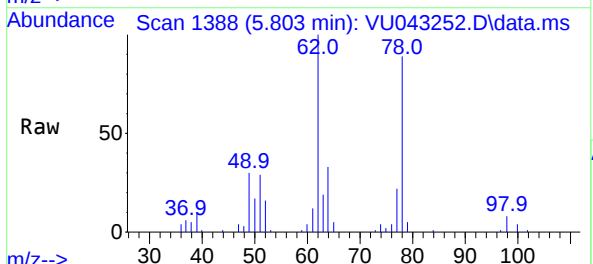
Instrument :
MSVOA_U
ClientSampleId :
H4487MS

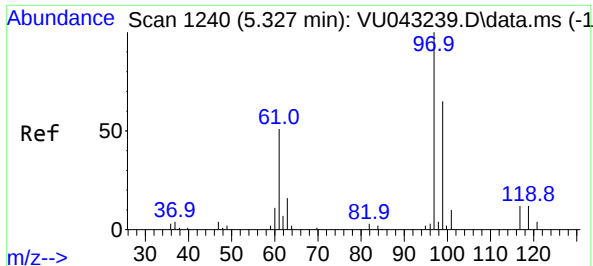
Tgt Ion: 83 Resp: 57154
Ion Ratio Lower Upper
83 100
85 62.0 45.6 84.8



#27
1,2-Dichloroethane
Concen: 5.42 ug/L
RT: 5.803 min Scan# 1388
Delta R.T. -0.004 min
Lab File: VU043252.D
Acq: 21 Apr 2021 15:55

Tgt Ion: 62 Resp: 43855
Ion Ratio Lower Upper
62 100
98 8.3 7.5 11.3



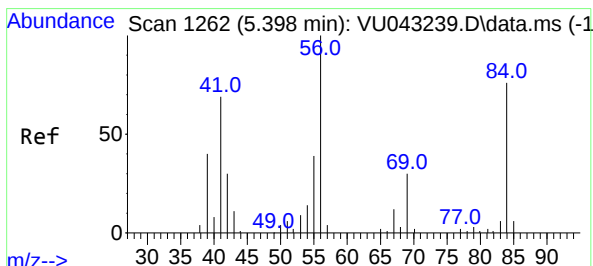
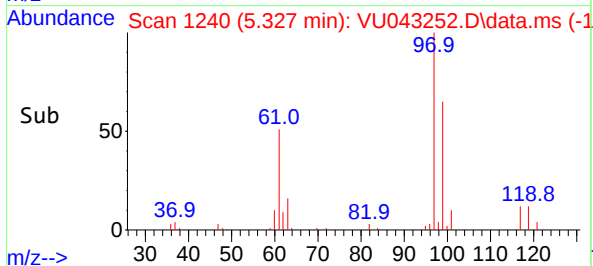
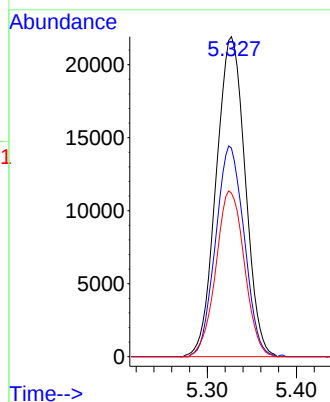
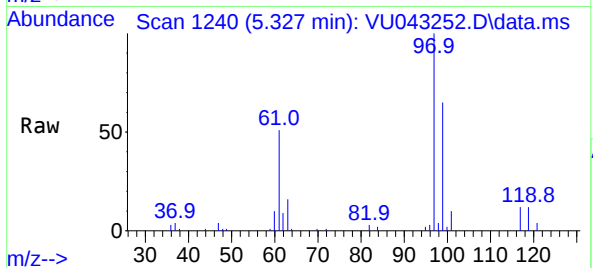


#29
1,1,1-Trichloroethane
Concen: 4.85 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VU043252.D
Acq: 21 Apr 2021 15:55

Instrument :
MSVOA_U
ClientSampled :
H4487MS

Tgt Ion: 97 Resp: 49626

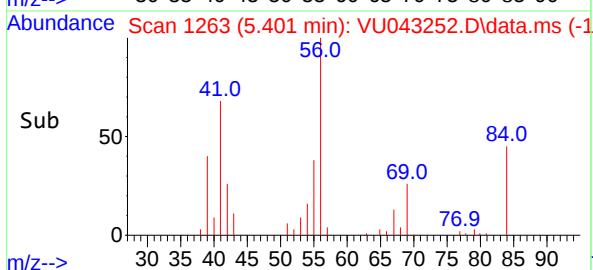
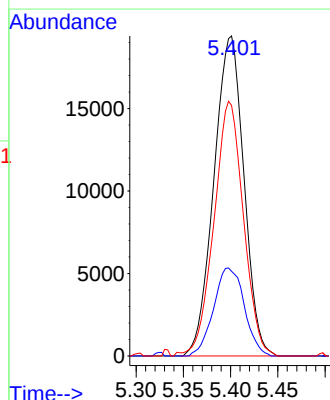
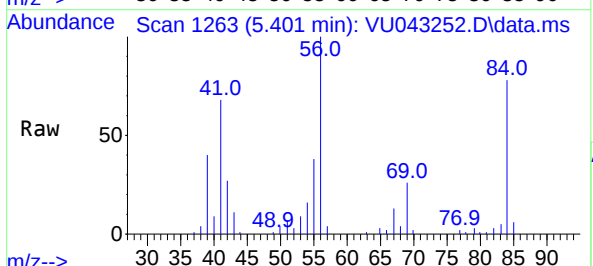
Ion	Ratio	Lower	Upper
97	100		
99	64.8	50.3	75.5
61	51.0	32.7	49.1#

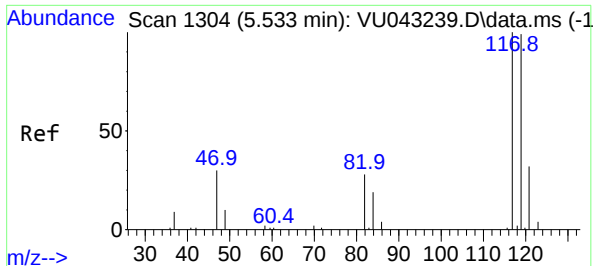


#30
Cyclohexane
Concen: 4.89 ug/L
RT: 5.401 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VU043252.D
Acq: 21 Apr 2021 15:55

Tgt Ion: 56 Resp: 42824

Ion	Ratio	Lower	Upper
56	100		
69	28.1	25.2	37.8
84	78.2	76.2	114.4

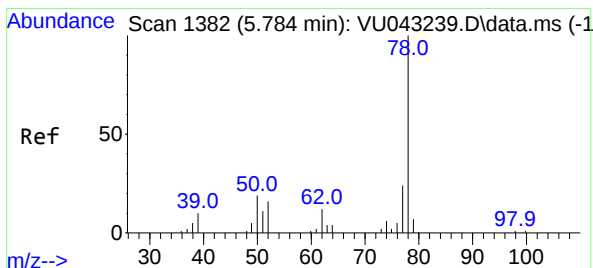
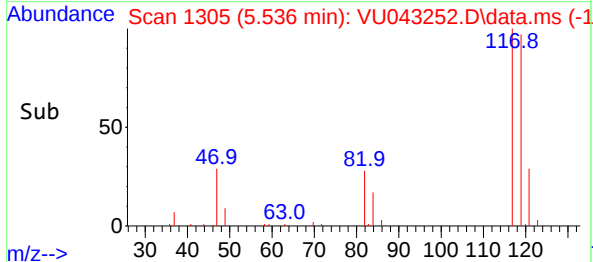
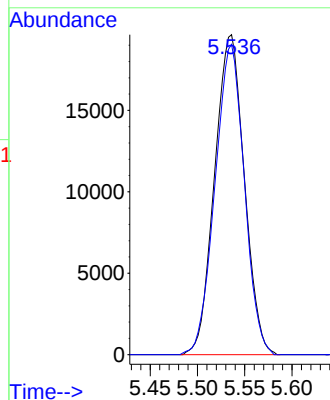
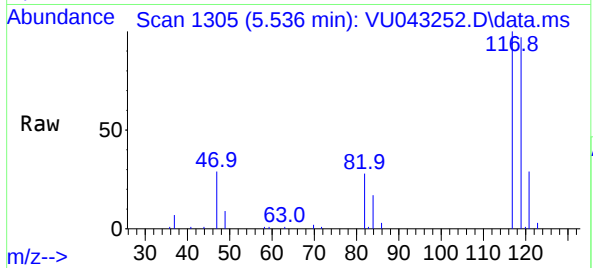




#31
Carbon tetrachloride
Concen: 5.03 ug/L
RT: 5.536 min Scan# 1305
Delta R.T. 0.003 min
Lab File: VU043252.D
Acq: 21 Apr 2021 15:55

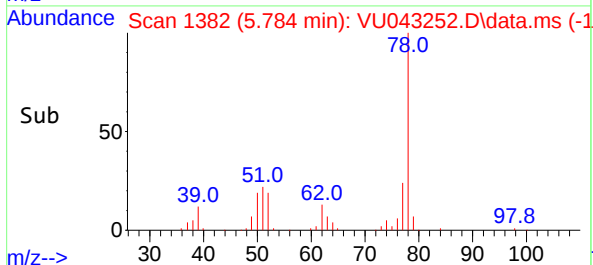
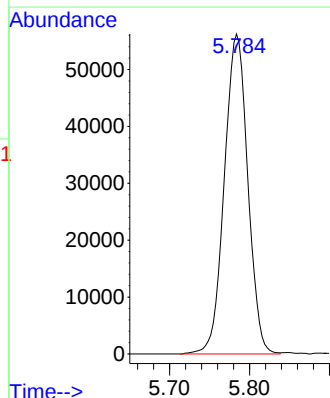
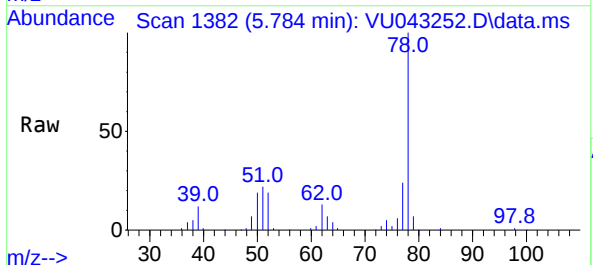
Instrument :
MSVOA_U
ClientSampleId :
H4487MS

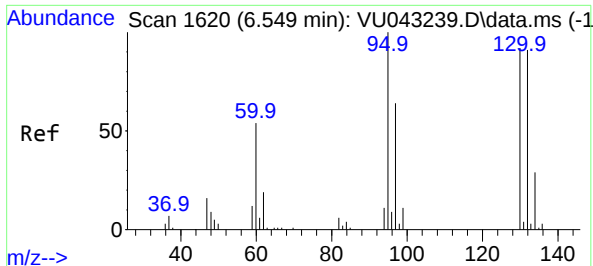
Tgt Ion:117 Resp: 42916
Ion Ratio Lower Upper
117 100
119 95.5 76.2 114.4



#33
Benzene
Concen: 5.17 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VU043252.D
Acq: 21 Apr 2021 15:55

Tgt Ion: 78 Resp: 114481

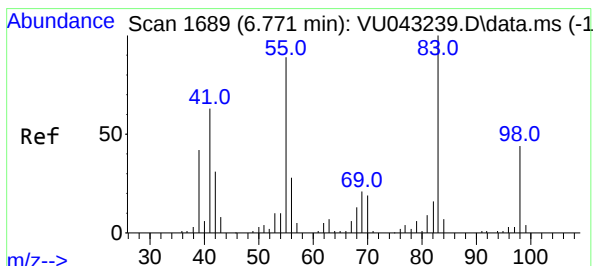
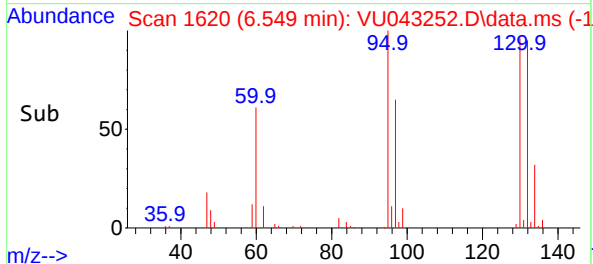
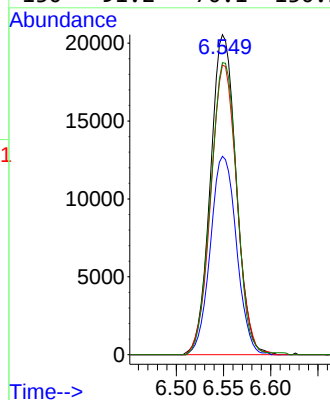
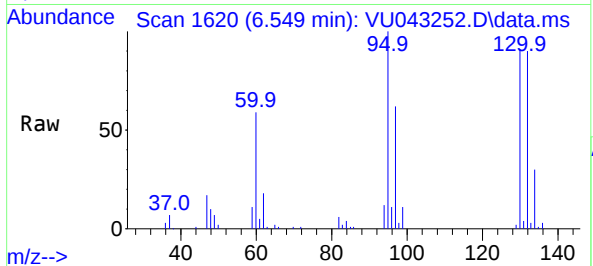




#34
Trichloroethene
Concen: 6.39 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VU043252.D
Acq: 21 Apr 2021 15:55

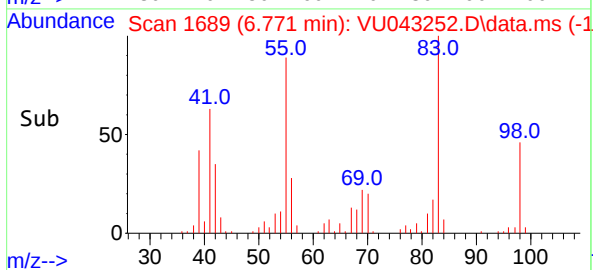
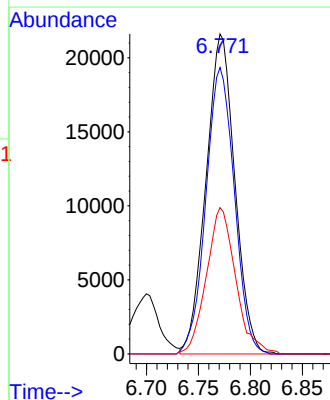
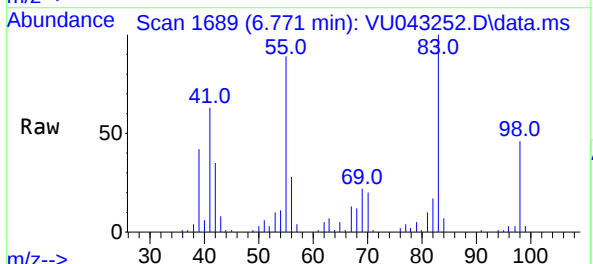
Instrument :
MSVOA_U
ClientSampleId :
H4487MS

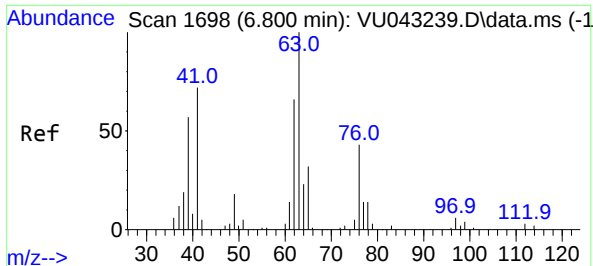
Tgt Ion: 95 Resp: 38966
Ion Ratio Lower Upper
95 100
97 62.0 45.8 85.2
132 90.5 68.7 127.7
130 91.2 70.1 130.3



#35
Methylcyclohexane
Concen: 4.94 ug/L
RT: 6.771 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VU043252.D
Acq: 21 Apr 2021 15:55

Tgt Ion: 83 Resp: 41679
Ion Ratio Lower Upper
83 100
55 88.5 59.5 89.3
98 46.5 37.9 56.9

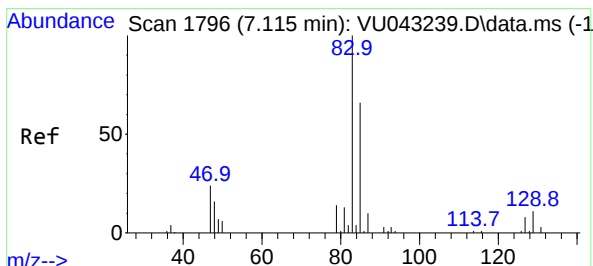
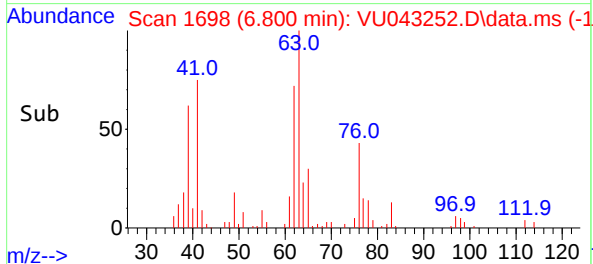
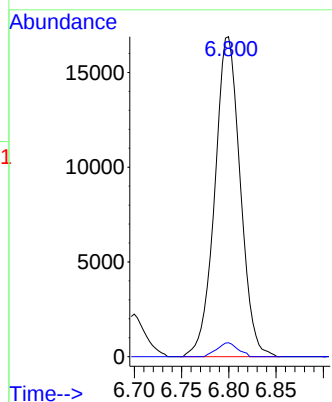
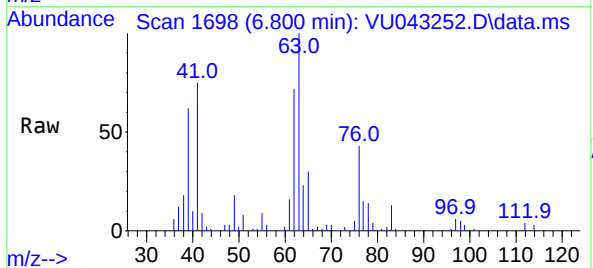




#37
1,2-Dichloropropane
Concen: 5.08 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VU043252.D
Acq: 21 Apr 2021 15:55

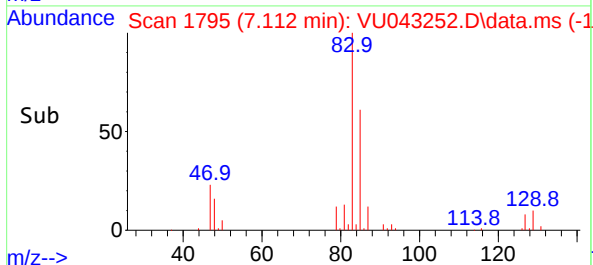
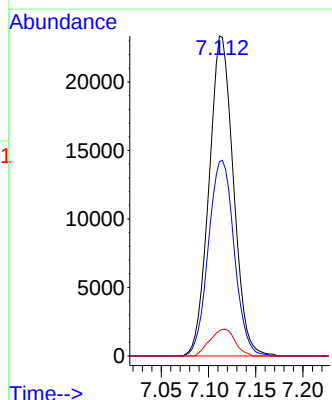
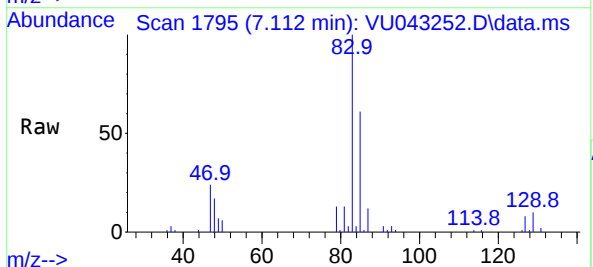
Instrument :
MSVOA_U
ClientSampleId :
H4487MS

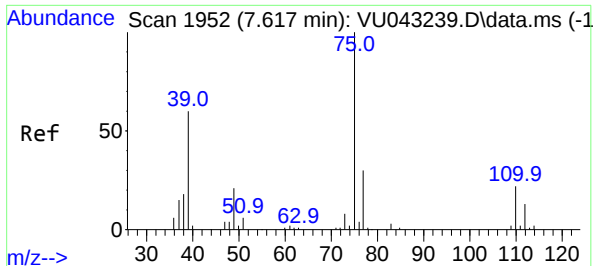
Tgt Ion: 63 Resp: 31662
Ion Ratio Lower Upper
63 100
112 3.5 3.5 5.3



#38
Bromodichloromethane
Concen: 5.01 ug/L
RT: 7.112 min Scan# 1795
Delta R.T. -0.004 min
Lab File: VU043252.D
Acq: 21 Apr 2021 15:55

Tgt Ion: 83 Resp: 41898
Ion Ratio Lower Upper
83 100
85 60.7 44.6 82.8
127 8.0 7.4 11.2

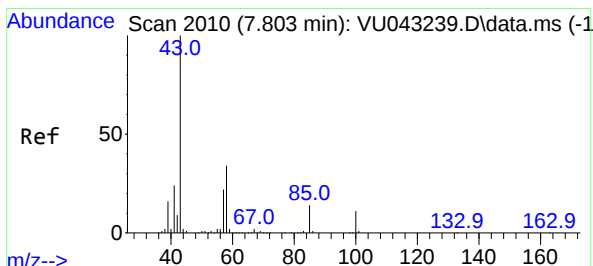
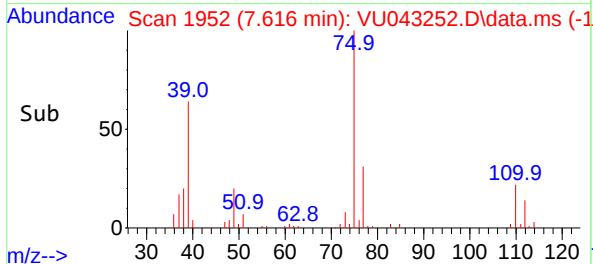
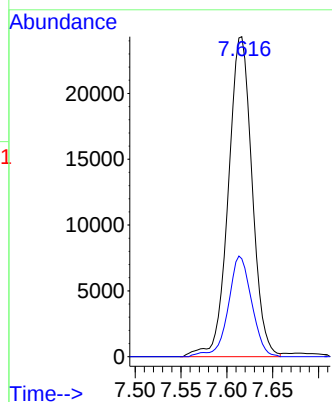
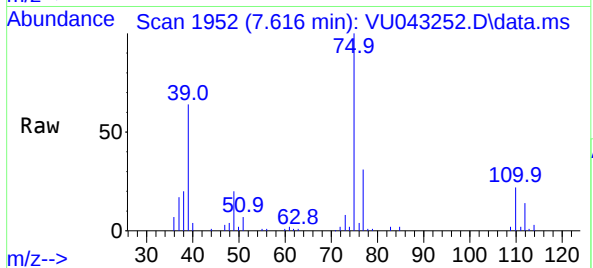




#39
cis-1,3-Dichloropropene
Concen: 4.81 ug/L
RT: 7.616 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VU043252.D
Acq: 21 Apr 2021 15:55

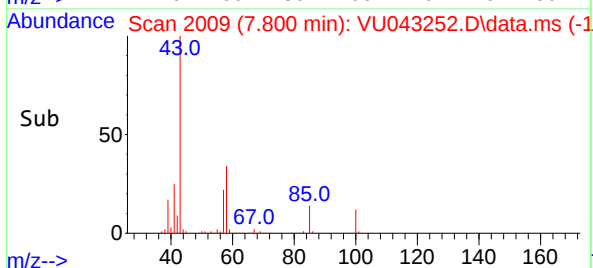
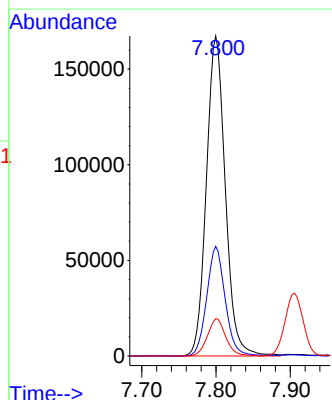
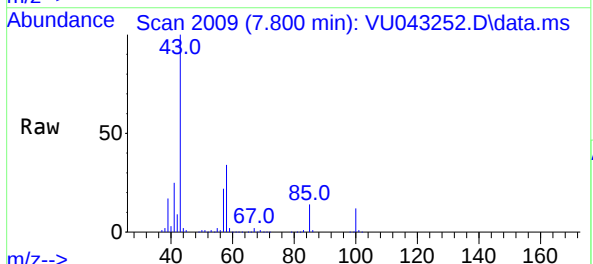
Instrument :
MSVOA_U
ClientSampleId :
H4487MS

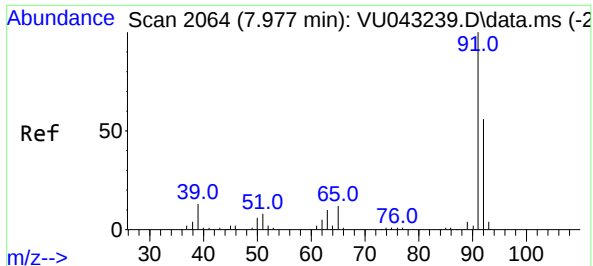
Tgt Ion: 75 Resp: 43795
Ion Ratio Lower Upper
75 100
77 30.6 21.8 40.6



#40
4-Methyl-2-pentanone
Concen: 53.04 ug/L
RT: 7.800 min Scan# 2009
Delta R.T. -0.004 min
Lab File: VU043252.D
Acq: 21 Apr 2021 15:55

Tgt Ion: 43 Resp: 295962
Ion Ratio Lower Upper
43 100
58 33.4 35.8 53.6#
100 11.3 15.1 22.7#





#42

Toluene

Concen: 5.15 ug/L

RT: 7.976 min Scan# 2064

Delta R.T. -0.000 min

Lab File: VU043252.D

Acq: 21 Apr 2021 15:55

Tgt Ion: 91 Resp: 127515

Ion Ratio Lower Upper

91 100

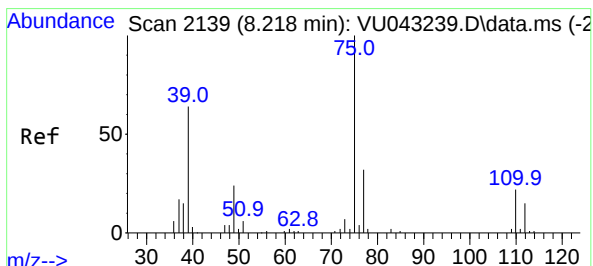
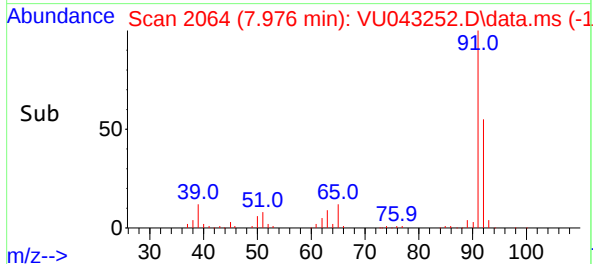
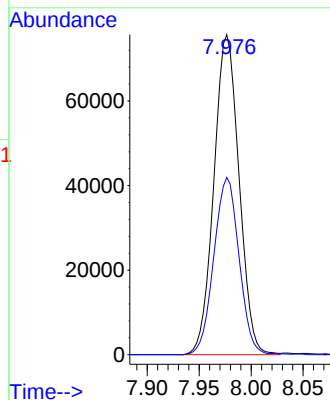
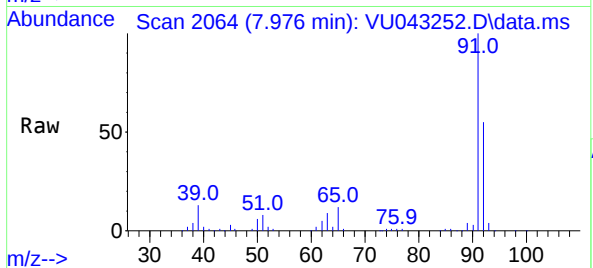
92 55.3 40.9 76.0

Instrument :

MSVOA_U

ClientSampleId :

H4487MS



#44

trans-1,3-Dichloropropene

Concen: 4.63 ug/L

RT: 8.218 min Scan# 2139

Delta R.T. -0.000 min

Lab File: VU043252.D

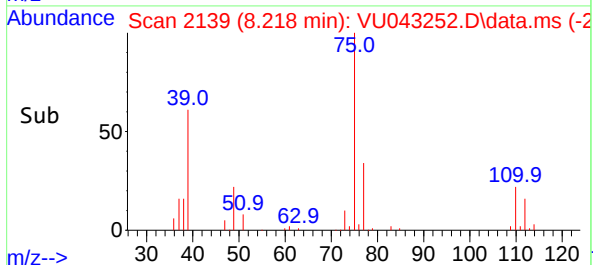
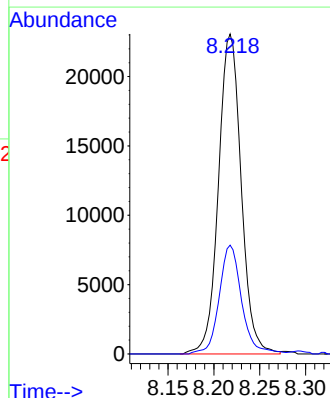
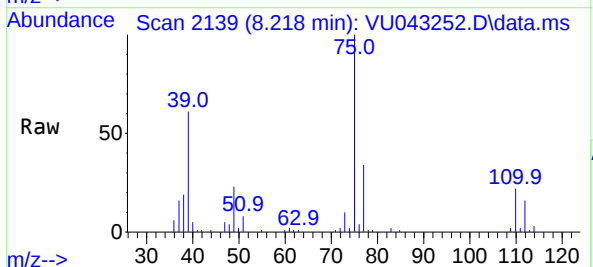
Acq: 21 Apr 2021 15:55

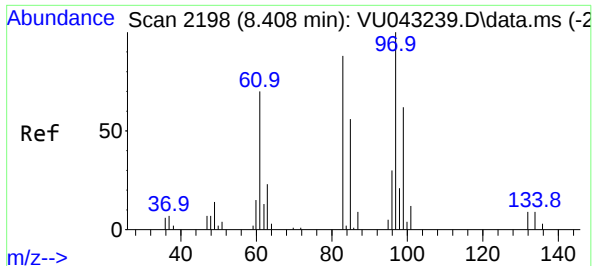
Tgt Ion: 75 Resp: 39762

Ion Ratio Lower Upper

75 100

77 34.0 23.4 43.4





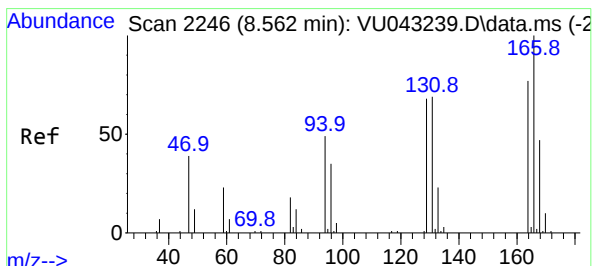
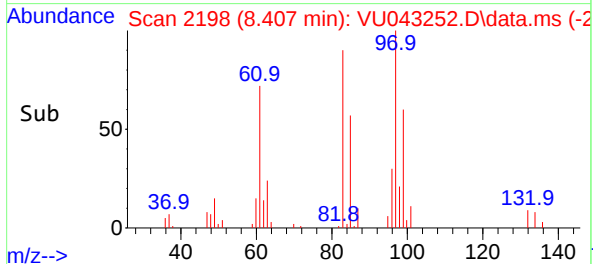
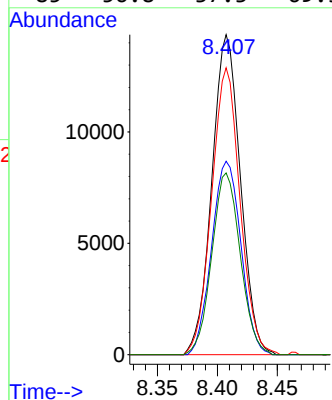
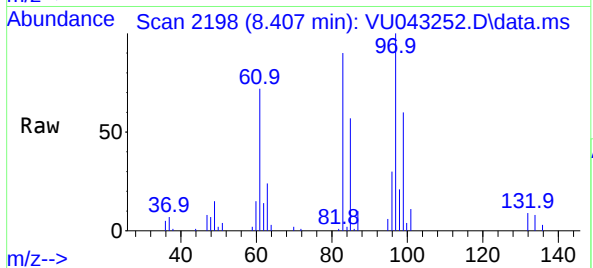
#45

1,1,2-Trichloroethane
Concen: 5.10 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. -0.000 min
Lab File: VU043252.D
Acq: 21 Apr 2021 15:55

Instrument :
MSVOA_U
ClientSampleId :
H4487MS

Tgt Ion: 97 Resp: 23784

Ion	Ratio	Lower	Upper
97	100		
99	60.5	44.2	82.0
83	89.6	60.1	111.7
85	56.8	37.3	69.3

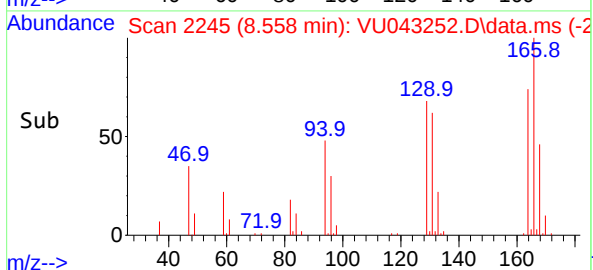
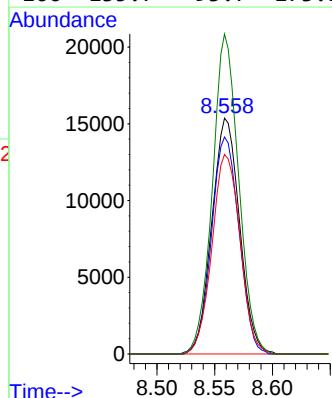
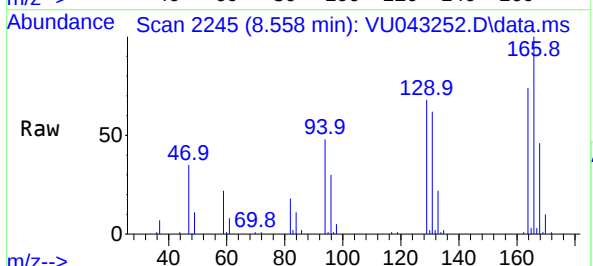


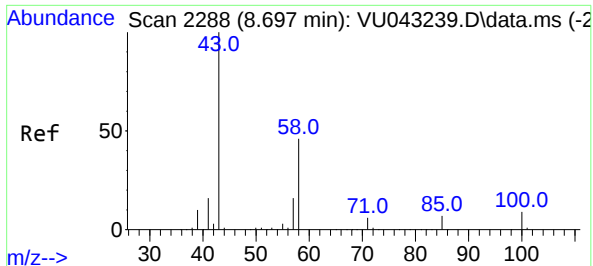
#47

Tetrachloroethene
Concen: 5.31 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.004 min
Lab File: VU043252.D
Acq: 21 Apr 2021 15:55

Tgt Ion: 164 Resp: 25686

Ion	Ratio	Lower	Upper
164	100		
129	92.0	66.6	123.8
131	84.6	65.9	122.3
166	135.7	93.7	173.9

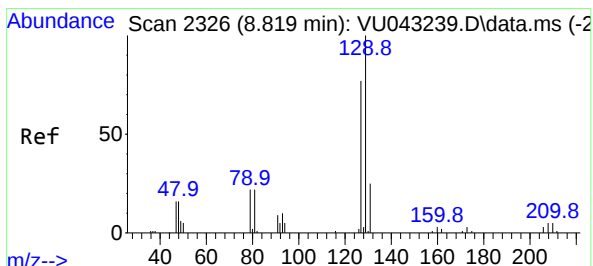
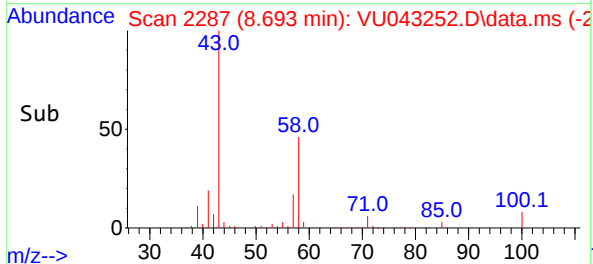
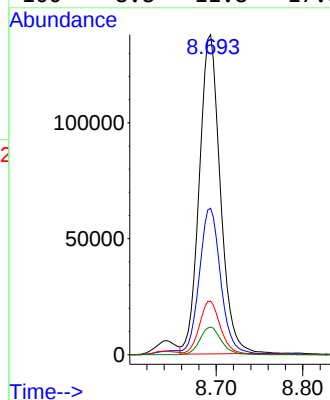
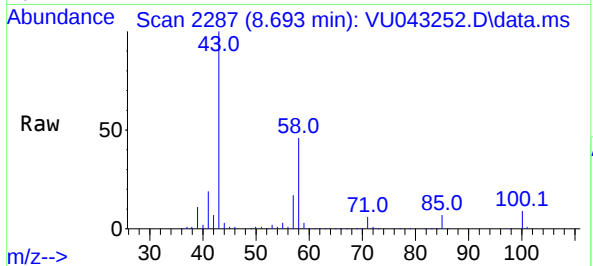




#48
2-Hexanone
Concen: 56.64 ug/L
RT: 8.693 min Scan# 2287
Delta R.T. -0.004 min
Lab File: VU043252.D
Acq: 21 Apr 2021 15:55

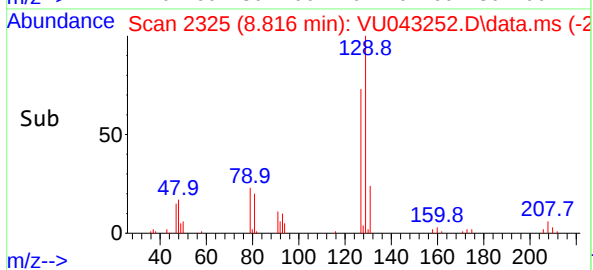
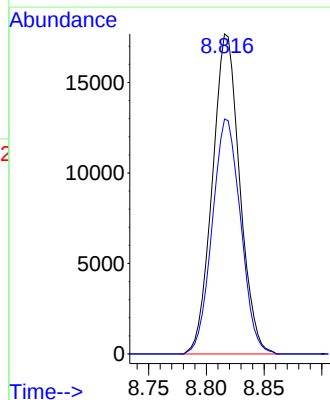
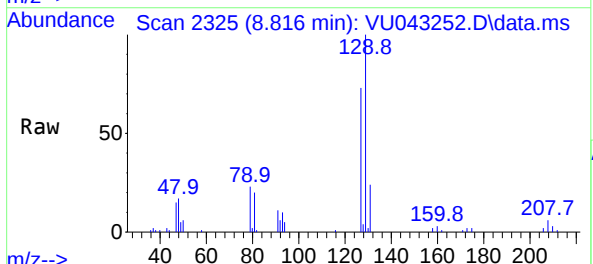
Instrument :
MSVOA_U
ClientSampleId :
H4487MS

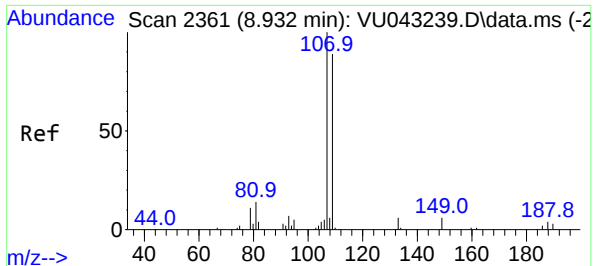
Tgt Ion: 43 Resp: 232535
Ion Ratio Lower Upper
43 100
58 46.2 50.0 75.0#
57 16.8 17.4 26.0#
100 8.8 11.8 17.8#



#49
Dibromochloromethane
Concen: 4.96 ug/L
RT: 8.816 min Scan# 2325
Delta R.T. -0.004 min
Lab File: VU043252.D
Acq: 21 Apr 2021 15:55

Tgt Ion: 129 Resp: 29179
Ion Ratio Lower Upper
129 100
127 73.4 56.6 105.2

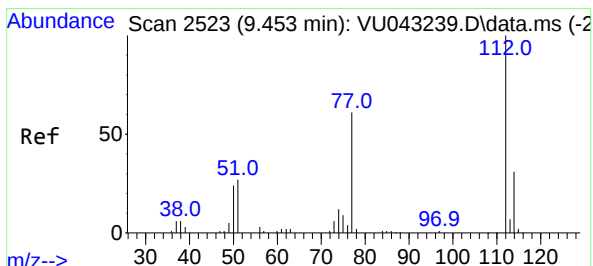
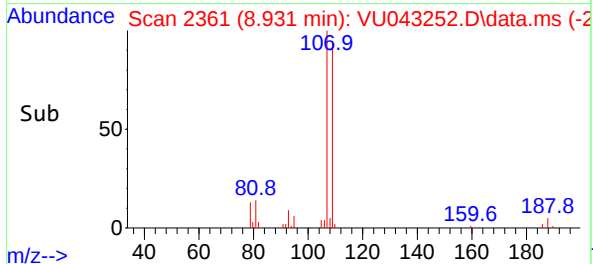
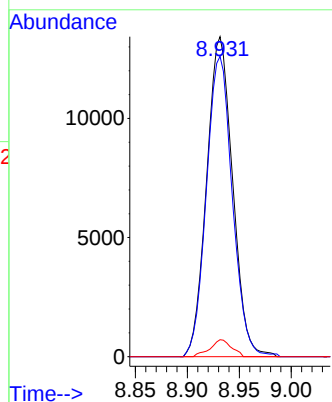
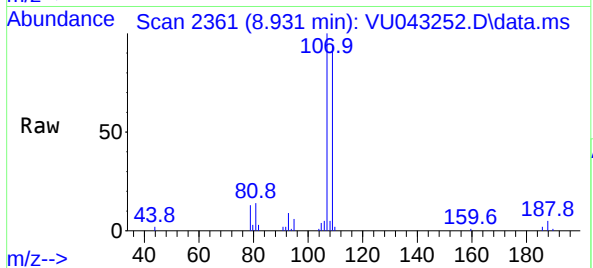




#50
1,2-Dibromoethane
Concen: 5.03 ug/L
RT: 8.931 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VU043252.D
Acq: 21 Apr 2021 15:55

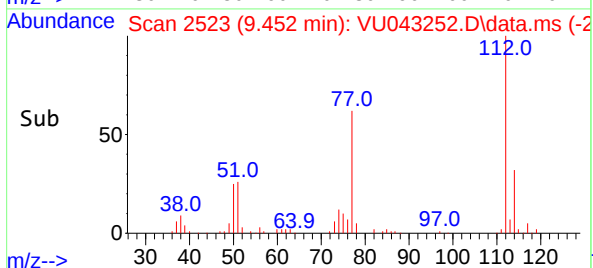
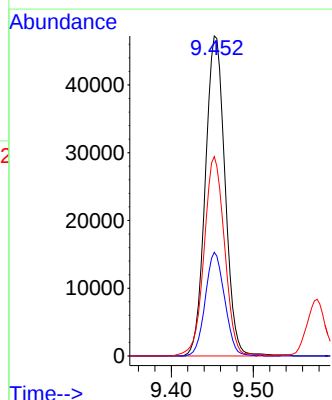
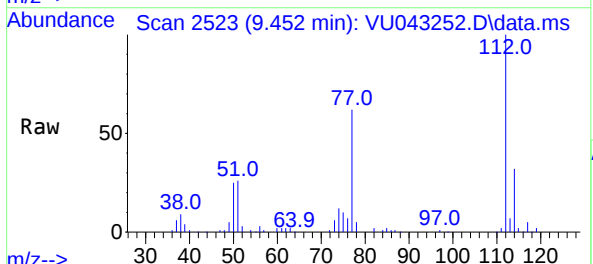
Instrument :
MSVOA_U
ClientSampleId :
H4487MS

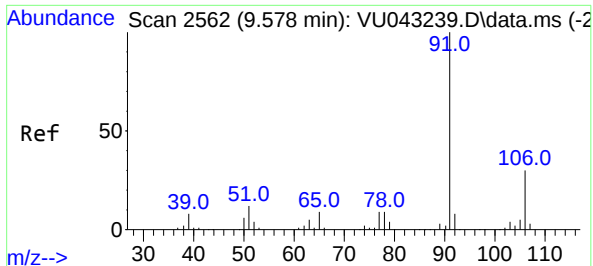
Tgt Ion:107 Resp: 23311
Ion Ratio Lower Upper
107 100
109 93.8 65.4 121.4
188 5.3 2.5 3.7#



#51
Chlorobenzene
Concen: 5.00 ug/L
RT: 9.452 min Scan# 2523
Delta R.T. -0.000 min
Lab File: VU043252.D
Acq: 21 Apr 2021 15:55

Tgt Ion:112 Resp: 78899
Ion Ratio Lower Upper
112 100
114 32.4 21.9 40.7
77 62.3 45.1 67.7

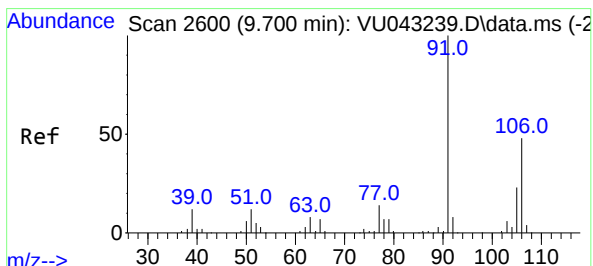
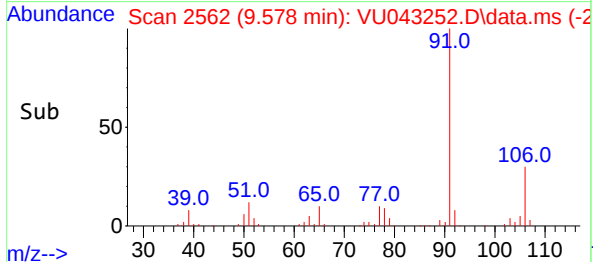
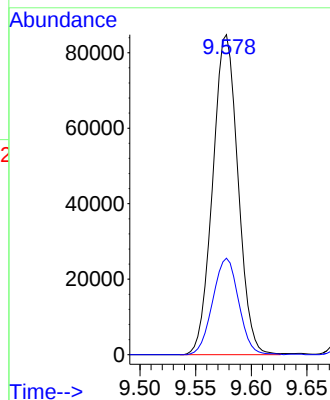
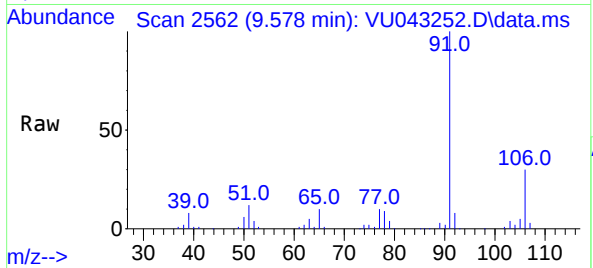




#52
Ethylbenzene
Concen: 4.73 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. -0.000 min
Lab File: VU043252.D
Acq: 21 Apr 2021 15:55

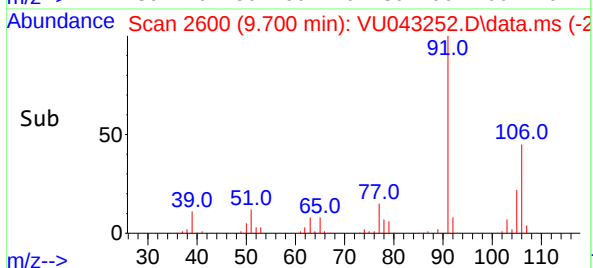
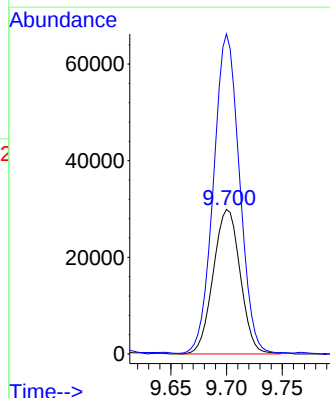
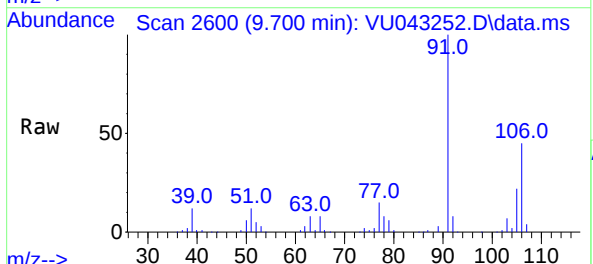
Instrument :
MSVOA_U
ClientSampleId :
H4487MS

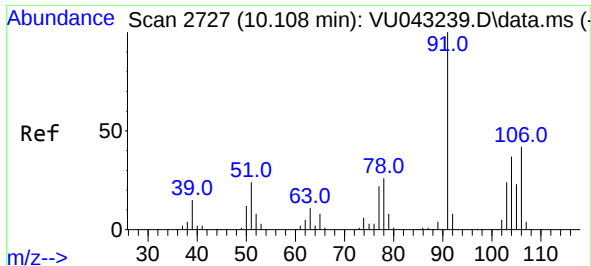
Tgt Ion: 91 Resp: 134002
Ion Ratio Lower Upper
91 100
106 30.1 22.0 40.8



#53
m,p-Xylene
Concen: 4.86 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. -0.000 min
Lab File: VU043252.D
Acq: 21 Apr 2021 15:55

Tgt Ion: 106 Resp: 50438
Ion Ratio Lower Upper
106 100
91 221.4 137.6 255.6

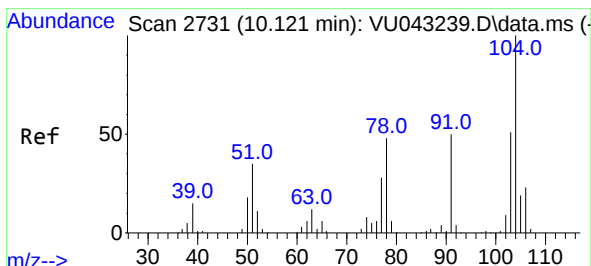
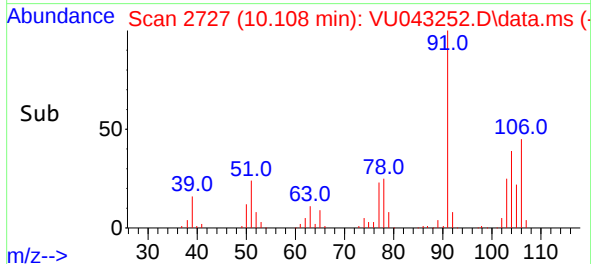
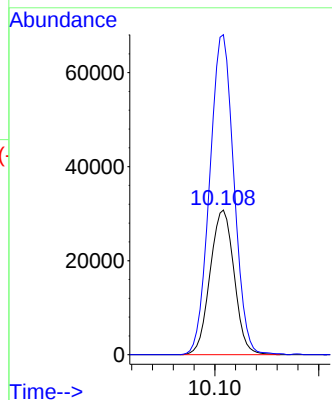
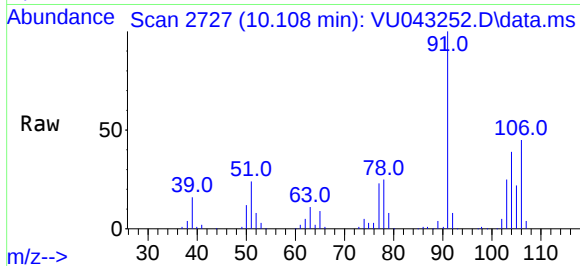




#54
o-Xylene
Concen: 4.82 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. -0.000 min
Lab File: VU043252.D
Acq: 21 Apr 2021 15:55

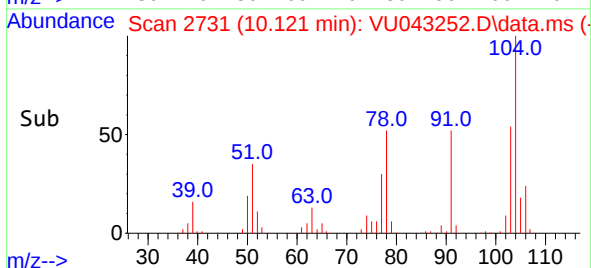
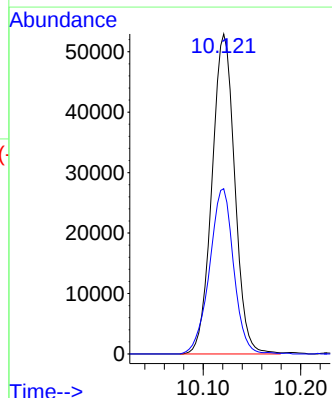
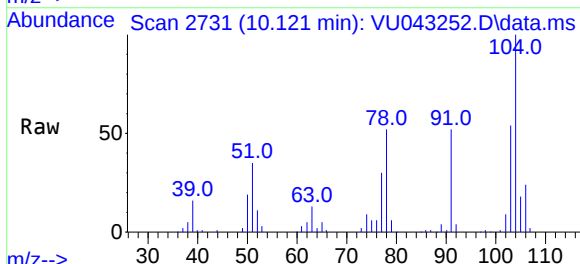
Instrument :
MSVOA_U
ClientSampleId :
H4487MS

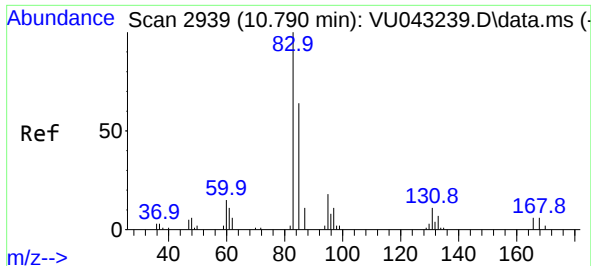
Tgt Ion:106 Resp: 49487
Ion Ratio Lower Upper
106 100
91 221.3 148.5 275.9



#55
Styrene
Concen: 4.88 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. -0.000 min
Lab File: VU043252.D
Acq: 21 Apr 2021 15:55

Tgt Ion:104 Resp: 85917
Ion Ratio Lower Upper
104 100
78 51.7 32.3 60.1

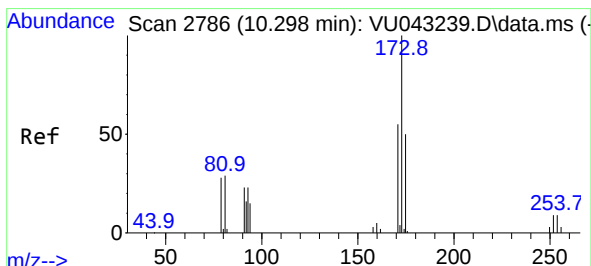
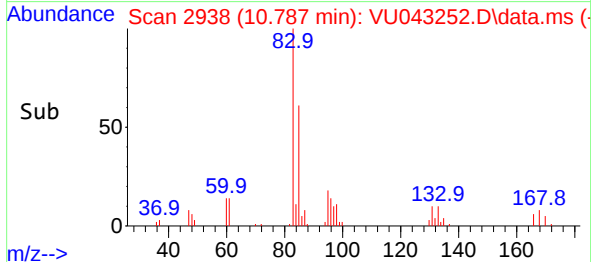
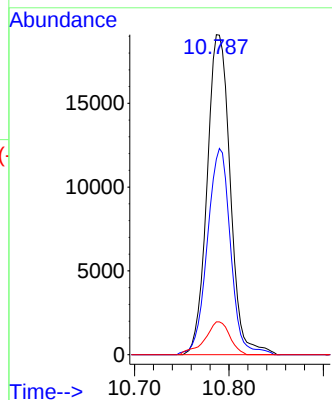
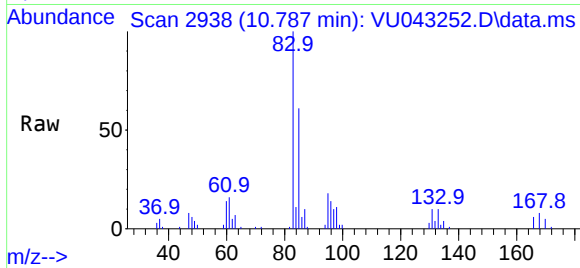




#57
1,1,2,2-Tetrachloroethane
Concen: 5.31 ug/L
RT: 10.787 min Scan# 2938
Delta R.T. -0.004 min
Lab File: VU043252.D
Acq: 21 Apr 2021 15:55

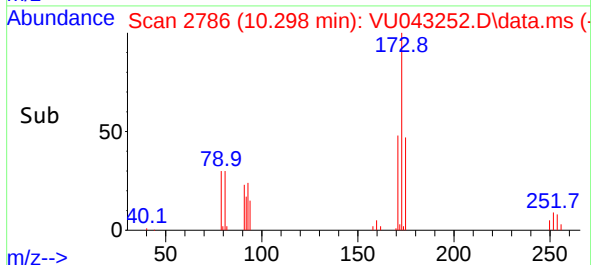
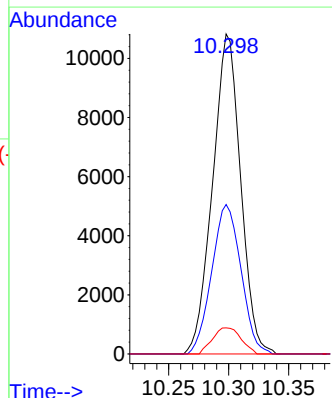
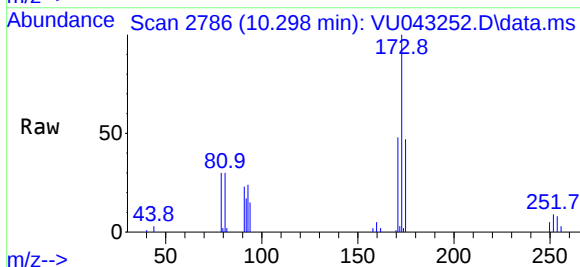
Instrument :
MSVOA_U
ClientSampleId :
H4487MS

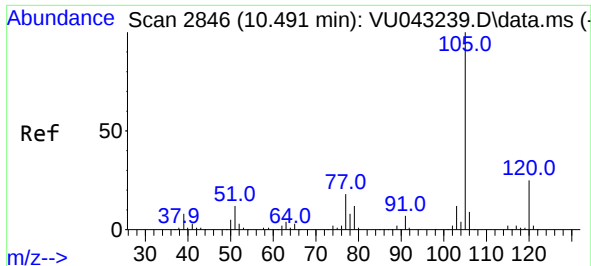
Tgt Ion:	83	Resp:	32512
Ion	Ratio	Lower	Upper
83	100		
85	61.1	44.9	83.5
131	10.3	8.2	12.4



#59
Bromoform
Concen: 4.83 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. -0.000 min
Lab File: VU043252.D
Acq: 21 Apr 2021 15:55

Tgt Ion:	173	Resp:	17551
Ion	Ratio	Lower	Upper
173	100		
175	48.8	39.4	59.0
254	8.3	8.0	12.0

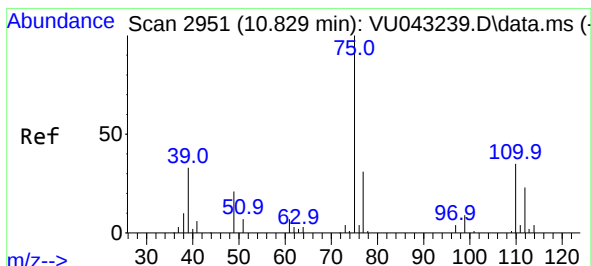
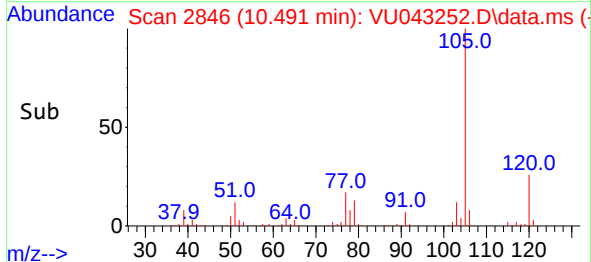
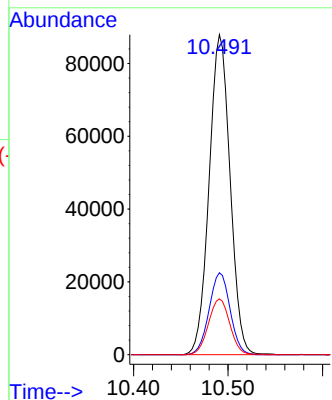
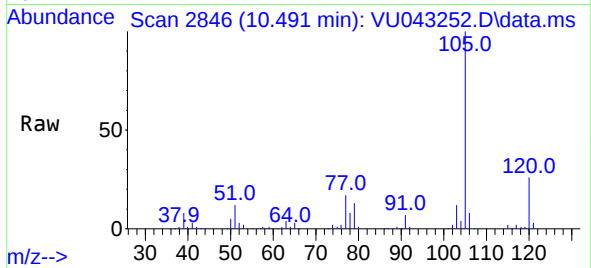




#60
Isopropylbenzene
Concen: 4.74 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. -0.000 min
Lab File: VU043252.D
Acq: 21 Apr 2021 15:55

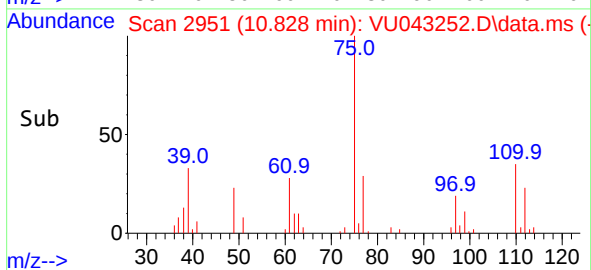
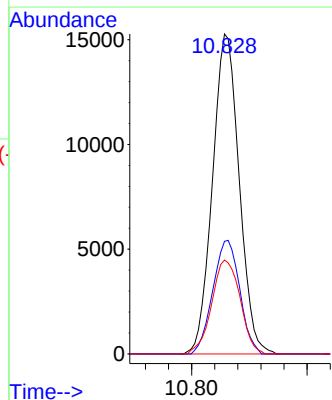
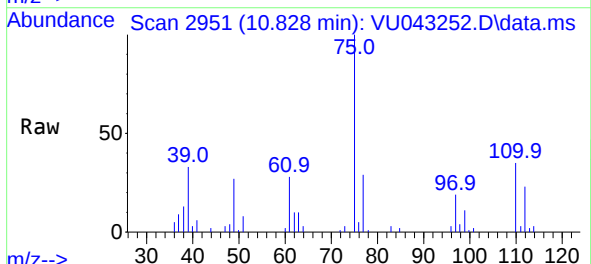
Instrument :
MSVOA_U
ClientSampled :
H4487MS

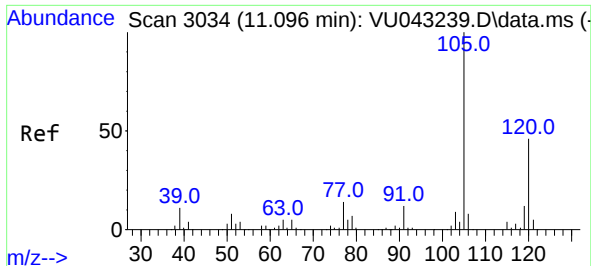
Tgt Ion:105 Resp: 135232
Ion Ratio Lower Upper
105 100
120 25.6 20.9 31.3
77 17.7 11.8 17.8



#61
1,2,3-Trichloropropane
Concen: 5.33 ug/L
RT: 10.828 min Scan# 2951
Delta R.T. -0.000 min
Lab File: VU043252.D
Acq: 21 Apr 2021 15:55

Tgt Ion: 75 Resp: 24470
Ion Ratio Lower Upper
75 100
110 35.8 31.5 47.3
77 31.1 26.3 39.5

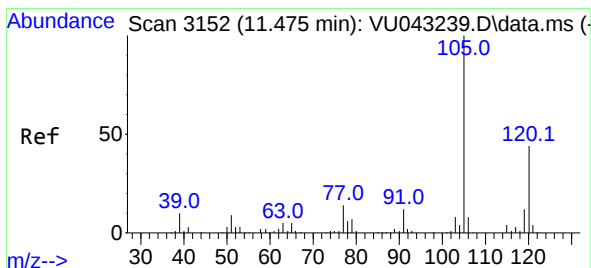
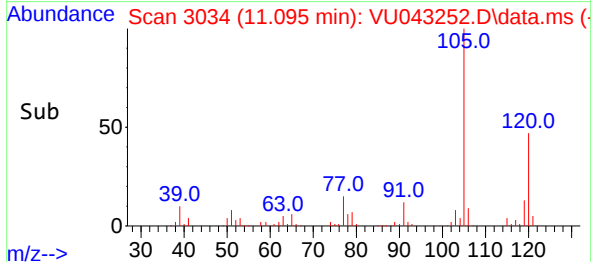
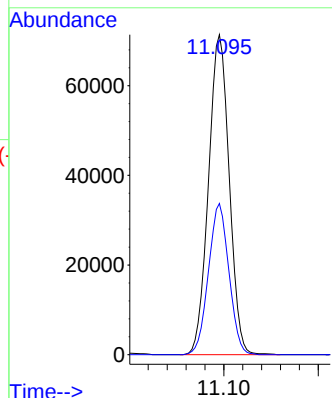
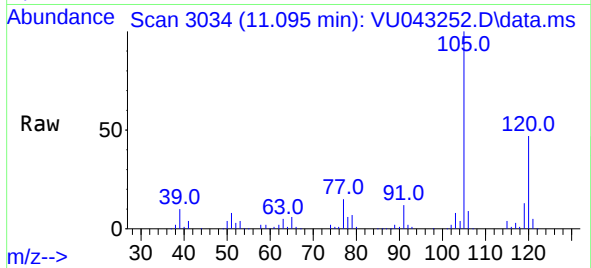




#62
1,3,5-Trimethylbenzene
Concen: 4.65 ug/L
RT: 11.095 min Scan# 3034
Delta R.T. -0.000 min
Lab File: VU043252.D
Acq: 21 Apr 2021 15:55

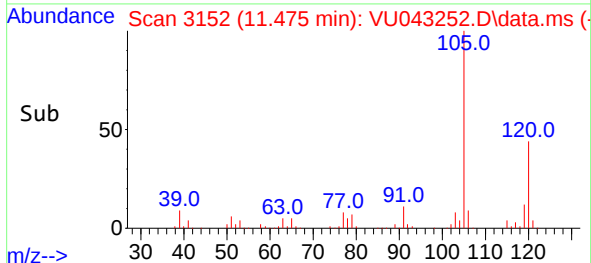
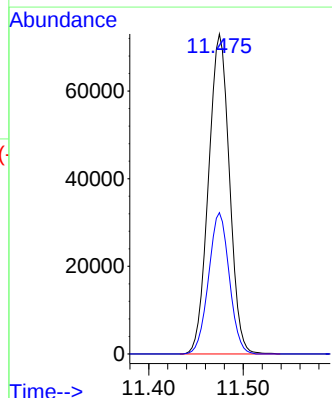
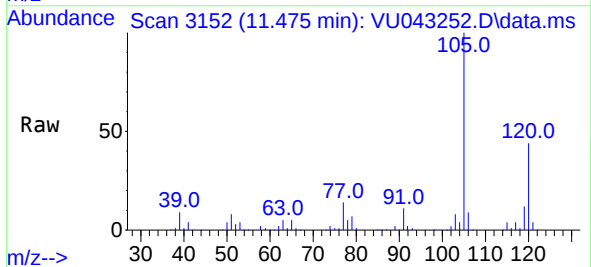
Tgt Ion:105 Resp: 108585
Ion Ratio Lower Upper
105 100
120 46.6 39.5 59.3

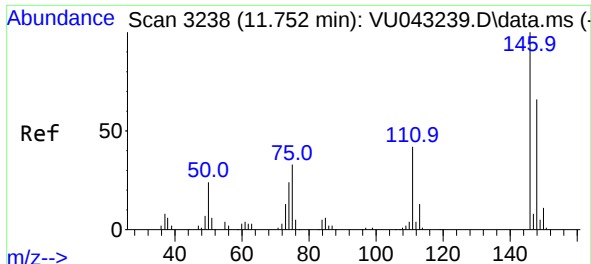
Instrument :
MSVOA_U
ClientSampleId :
H4487MS



#63
1,2,4-Trimethylbenzene
Concen: 4.68 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VU043252.D
Acq: 21 Apr 2021 15:55

Tgt Ion:105 Resp: 112223
Ion Ratio Lower Upper
105 100
120 43.7 36.7 55.1

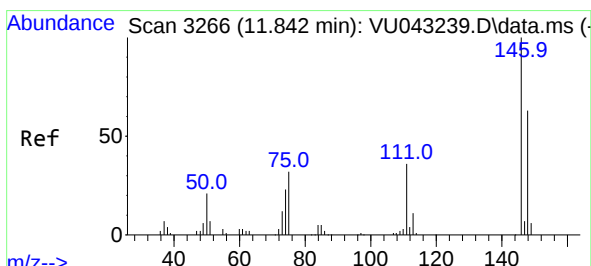
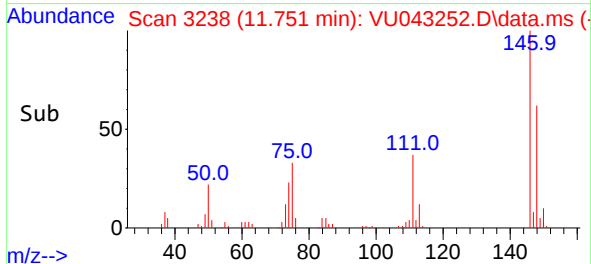
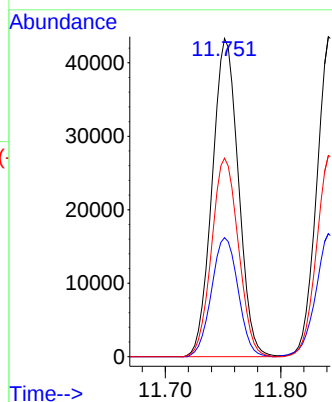
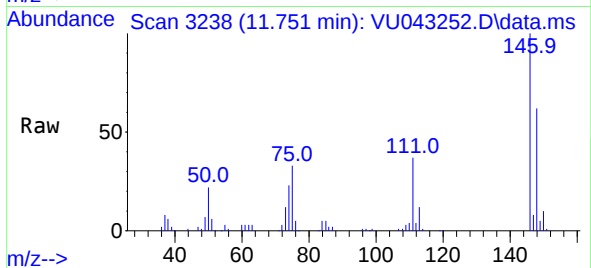




#64
1,3-Dichlorobenzene
Concen: 5.05 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. -0.000 min
Lab File: VU043252.D
Acq: 21 Apr 2021 15:55

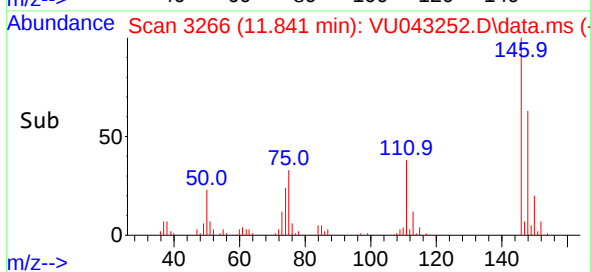
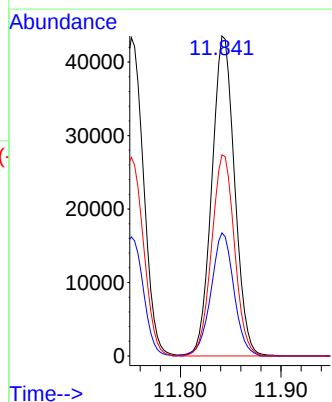
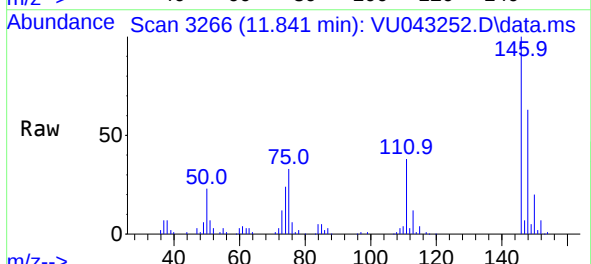
Instrument :
MSVOA_U
ClientSampled :
H4487MS

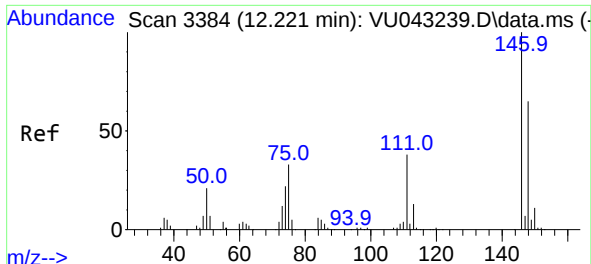
Tgt Ion:146 Resp: 68318
Ion Ratio Lower Upper
146 100
111 37.4 27.6 51.2
148 62.4 44.9 83.3



#65
1,4-Dichlorobenzene
Concen: 4.99 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. -0.000 min
Lab File: VU043252.D
Acq: 21 Apr 2021 15:55

Tgt Ion:146 Resp: 68547
Ion Ratio Lower Upper
146 100
111 38.5 26.7 49.5
148 62.8 43.9 81.5

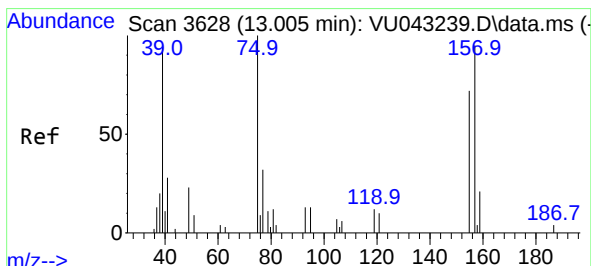
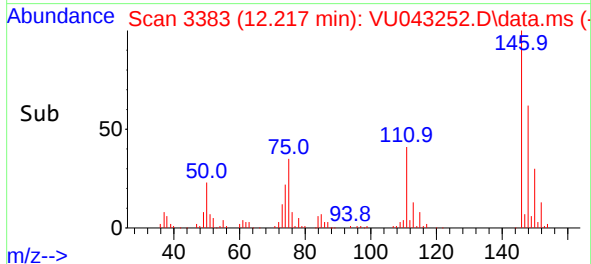
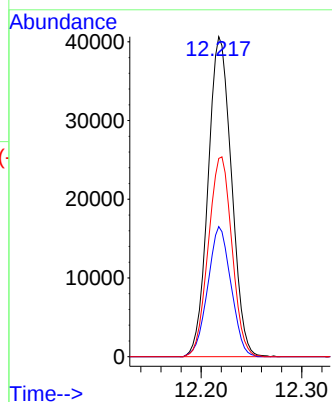
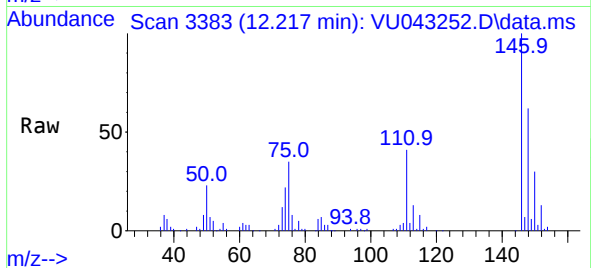




#67
1,2-Dichlorobenzene
Concen: 4.99 ug/L
RT: 12.217 min Scan# 3383
Delta R.T. -0.004 min
Lab File: VU043252.D
Acq: 21 Apr 2021 15:55

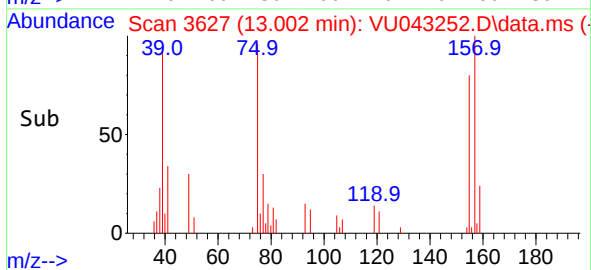
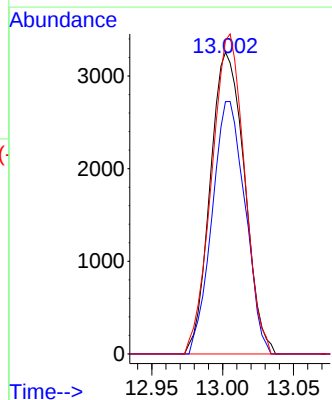
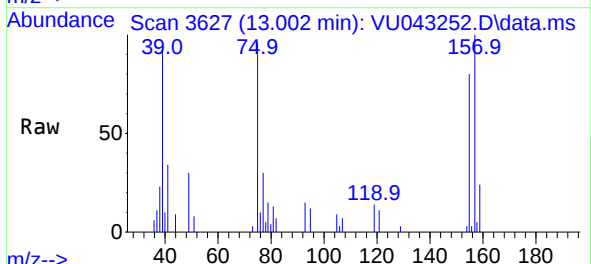
Instrument :
MSVOA_U
ClientSampleId :
H4487MS

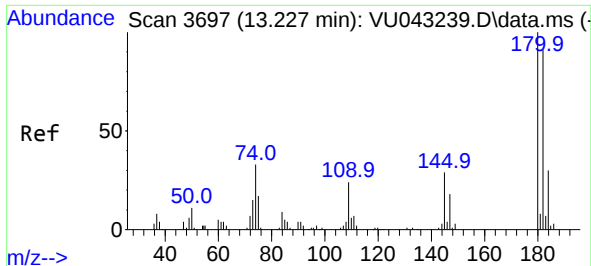
Tgt Ion:146 Resp: 65662
Ion Ratio Lower Upper
146 100
111 40.7 31.9 47.9
148 61.9 48.8 73.2



#68
1,2-Dibromo-3-chloropropane
Concen: 4.89 ug/L
RT: 13.002 min Scan# 3627
Delta R.T. -0.004 min
Lab File: VU043252.D
Acq: 21 Apr 2021 15:55

Tgt Ion: 75 Resp: 5470
Ion Ratio Lower Upper
75 100
155 83.6 67.8 101.8
157 103.9 82.4 123.6

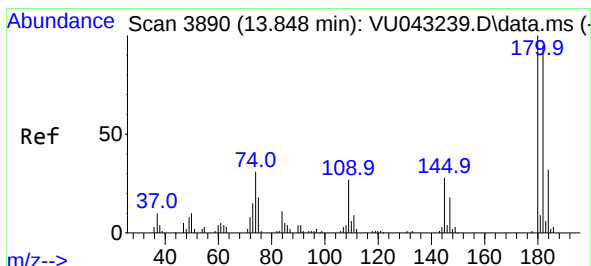
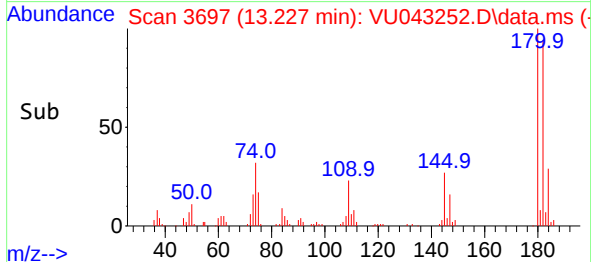
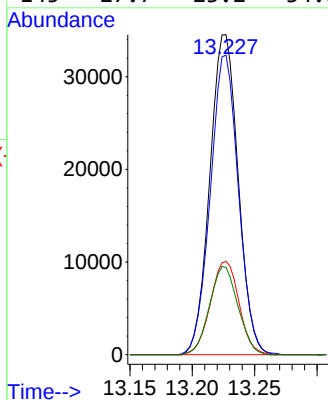
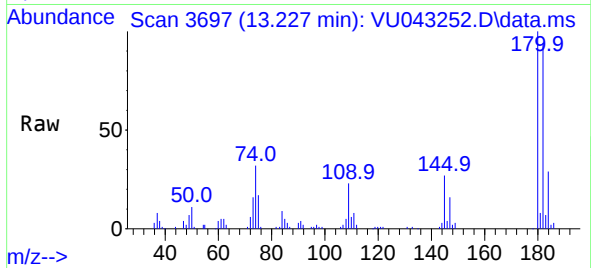




#69
1,3,5-Trichlorobenzene
Concen: 4.92 ug/L
RT: 13.227 min Scan# 3697
Delta R.T. -0.000 min
Lab File: VU043252.D
Acq: 21 Apr 2021 15:55

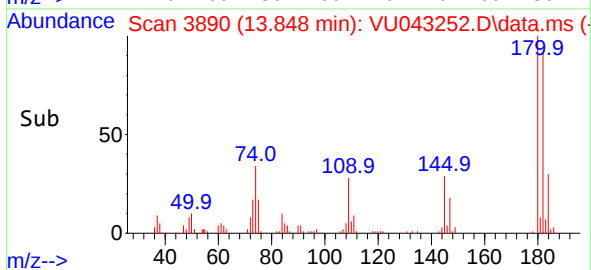
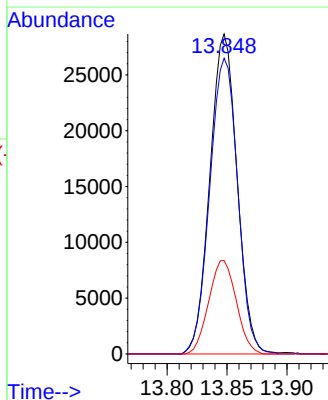
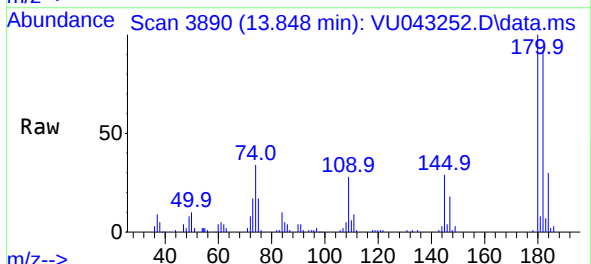
Instrument :
MSVOA_U
ClientSampleId :
H4487MS

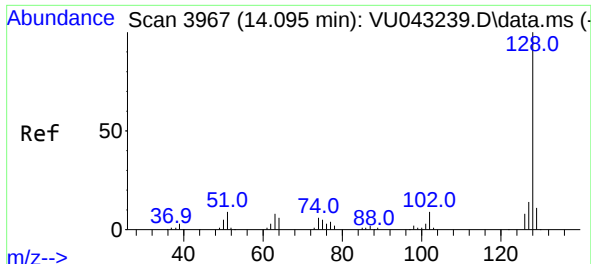
Tgt Ion:	180	Resp:	54634
Ion Ratio	Lower	Upper	
180	100		
182	93.0	76.1	114.1
184	29.4	24.0	36.0
145	27.7	23.2	34.8



#70
1,2,4-trichlorobenzene
Concen: 4.91 ug/L
RT: 13.848 min Scan# 3890
Delta R.T. -0.000 min
Lab File: VU043252.D
Acq: 21 Apr 2021 15:55

Tgt Ion:	180	Resp:	45123
Ion Ratio	Lower	Upper	
180	100		
182	94.8	76.5	114.7
145	29.6	24.1	36.1

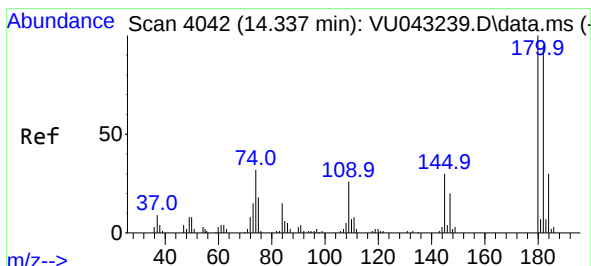
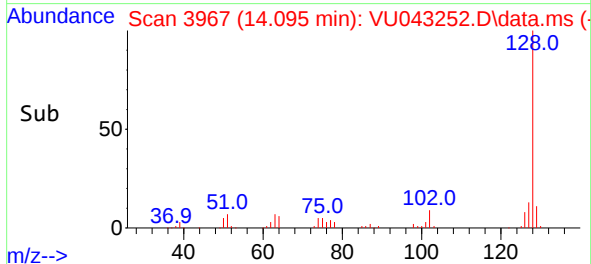
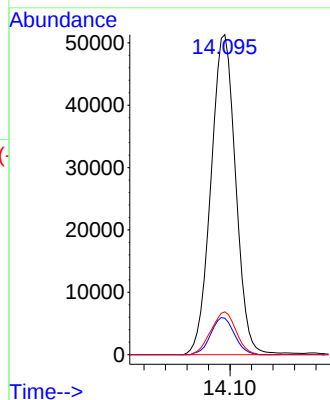
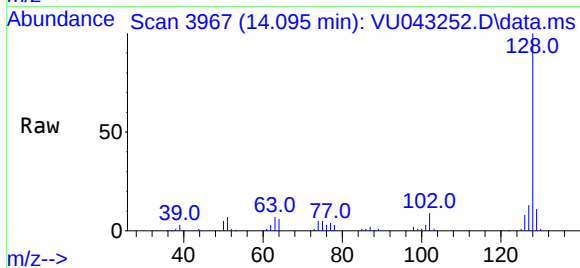




#71
Naphthalene
Concen: 5.27 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. -0.000 min
Lab File: VU043252.D
Acq: 21 Apr 2021 15:55

Instrument :
MSVOA_U
ClientSampleId :
H4487MS

Tgt Ion:	128	Resp:	81751
Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.6	12.8
127	13.6	10.6	15.8



#72
1,2,3-Trichlorobenzene
Concen: 5.23 ug/L
RT: 14.336 min Scan# 4042
Delta R.T. -0.000 min
Lab File: VU043252.D
Acq: 21 Apr 2021 15:55

Tgt Ion:	180	Resp:	44099
Ion	Ratio	Lower	Upper
180	100		
182	97.3	75.8	113.8
145	32.8	25.0	37.4

