

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042121\
 Data File : VU043244.D
 Acq On : 21 Apr 2021 12:41
 Operator : SY/MD
 Sample : M2057-21MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4536MSD

Quant Time: Apr 22 04:42:07 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	82667	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	83440	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	44505	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	17486	4.16	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.20%
7) Chloroethane-d5	1.919	69	16825	4.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.00%
11) 1,1-Dichloroethene-d2	2.572	65	11688	4.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.00%
20) 2-Butanone-d5	4.658	46	111699	60.58	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.16%
24) Chloroform-d	5.073	84	56977	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.60%
26) 1,2-Dichloroethane-d4	5.713	65	35208	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
32) Benzene-d6	5.735	84	96487	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
36) 1,2-Dichloropropane-d6	6.697	67	32980	5.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.40%
41) Toluene-d8	7.906	98	91896	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
43) trans-1,3-Dichloroprop...	8.185	79	13938	4.90	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.00%
46) 2-Hexanone-d5	8.642	63	68415	48.21	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.42%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	30433	5.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.40%
66) 1,2-Dichlorobenzene-d4	12.201	152	36954	4.84	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.80%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	14644	2.76	ug/L	99
3) Chloromethane	1.523	50	21722	4.17	ug/L	100
5) Vinyl chloride	1.607	62	23682	4.36	ug/L	91
6) Bromomethane	1.864	94	13788	4.25	ug/L	97
8) Chloroethane	1.941	64	19090	4.88	ug/L	85
9) Trichlorofluoromethane	2.144	101	46544	4.60	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	27997	5.12	ug/L	92
12) 1,1-Dichloroethene	2.588	96	26138	5.69	ug/L	84
13) Acetone	2.691	43	84172	62.13	ug/L	97
14) Carbon disulfide	2.800	76	81401	6.95	ug/L	98
15) Methyl Acetate	2.973	43	18166	7.13	ug/L	# 83
16) Methylene chloride	3.054	84	31535	5.30	ug/L	82
17) Methyl tert-butyl Ether	3.375	73	76966	5.12	ug/L	# 91
18) trans-1,2-Dichloroethene	3.363	96	28857	5.89	ug/L	89
19) 1,1-Dichloroethane	3.880	63	59756	5.60	ug/L	97
21) 2-Butanone	4.742	43	135513	60.61	ug/L	81
22) cis-1,2-Dichloroethene	4.678	96	35605	6.14	ug/L	88
23) Bromochloromethane	4.986	128	15539	5.87	ug/L	# 76
25) Chloroform	5.099	83	64595	5.68	ug/L	95

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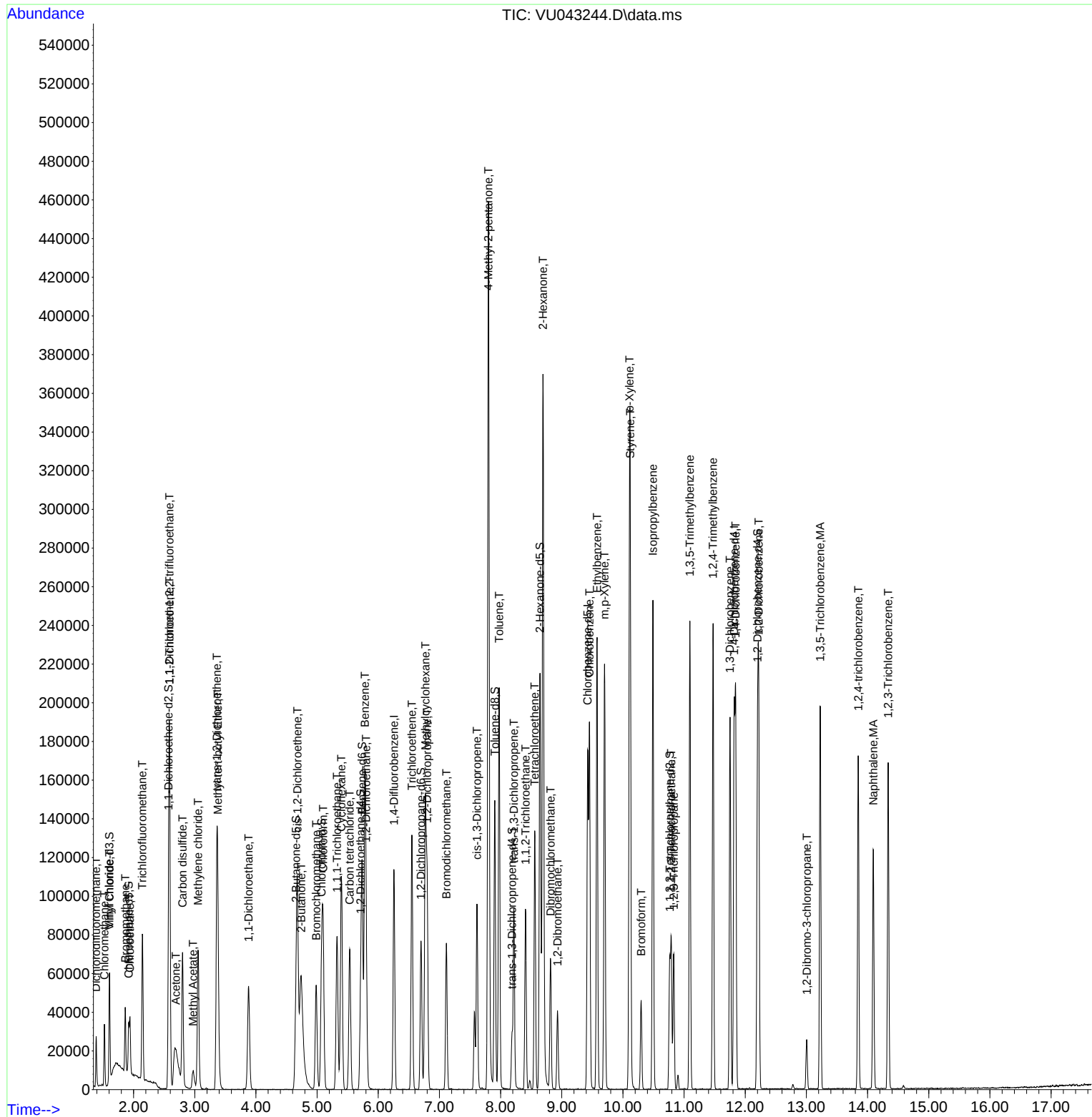
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	49790	5.97	ug/L #	92
29) 1,1,1-Trichloroethane	5.327	97	55165	5.36	ug/L #	93
30) Cyclohexane	5.398	56	51527	5.84	ug/L	84
31) Carbon tetrachloride	5.533	117	47258	5.50	ug/L	99
33) Benzene	5.784	78	125381	5.62	ug/L	100
34) Trichloroethene	6.549	95	41110	6.69	ug/L	97
35) Methylcyclohexane	6.771	83	49791	5.85	ug/L	89
37) 1,2-Dichloropropane	6.800	63	35418	5.64	ug/L	98
38) Bromodichloromethane	7.115	83	45735	5.42	ug/L	100
39) cis-1,3-Dichloropropene	7.613	75	48690	5.31	ug/L	98
40) 4-Methyl-2-pentanone	7.803	43	329873	58.70	ug/L #	83
42) Toluene	7.976	91	140290	5.63	ug/L	97
44) trans-1,3-Dichloropropene	8.218	75	45113	5.22	ug/L	96
45) 1,1,2-Trichloroethane	8.407	97	25772	5.49	ug/L	96
47) Tetrachloroethene	8.558	164	27191	5.58	ug/L	98
48) 2-Hexanone	8.694	43	258541	62.53	ug/L #	82
49) Dibromochloromethane	8.819	129	31685	5.35	ug/L	95
50) 1,2-Dibromoethane	8.931	107	25388	5.44	ug/L #	99
51) Chlorobenzene	9.452	112	86667	5.45	ug/L	93
52) Ethylbenzene	9.578	91	151939	5.32	ug/L	99
53) m,p-Xylene	9.700	106	57017	5.46	ug/L	90
54) o-Xylene	10.108	106	55322	5.35	ug/L	93
55) Styrene	10.121	104	95265	5.37	ug/L	92
57) 1,1,2,2-Tetrachloroethane	10.790	83	35654	5.78	ug/L	96
59) Bromoform	10.298	173	19482	5.36	ug/L	97
60) Isopropylbenzene	10.491	105	149608	5.24	ug/L	97
61) 1,2,3-Trichloropropane	10.832	75	26956	5.86	ug/L	96
62) 1,3,5-Trimethylbenzene	11.095	105	119826	5.13	ug/L	97
63) 1,2,4-Trimethylbenzene	11.475	105	123001	5.12	ug/L	96
64) 1,3-Dichlorobenzene	11.751	146	72643	5.36	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	72396	5.27	ug/L	98
67) 1,2-Dichlorobenzene	12.221	146	71233	5.41	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.005	75	6065	5.42	ug/L	90
69) 1,3,5-Trichlorobenzene	13.227	180	58275	5.24	ug/L	98
70) 1,2,4-trichlorobenzene	13.848	180	49190	5.34	ug/L	99
71) Naphthalene	14.095	128	92831	5.98	ug/L	100
72) 1,2,3-Trichlorobenzene	14.336	180	48308	5.72	ug/L	98

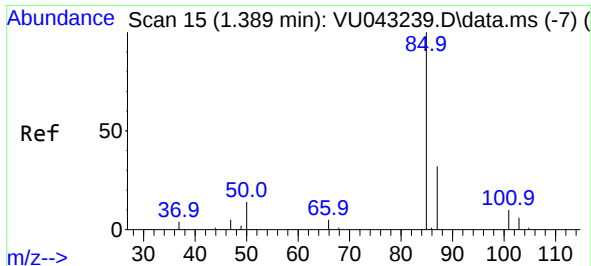
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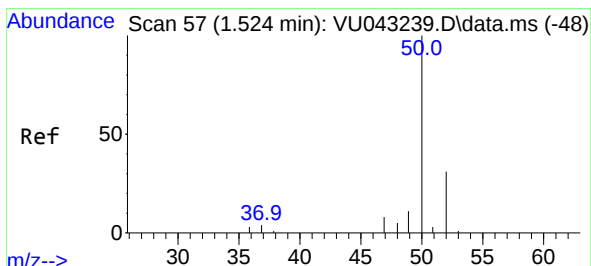
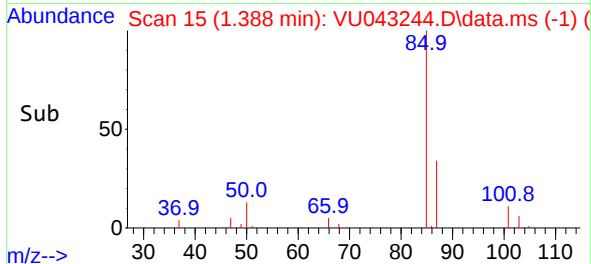
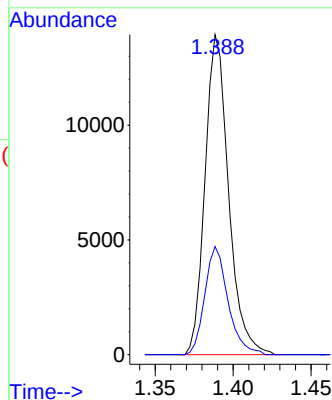
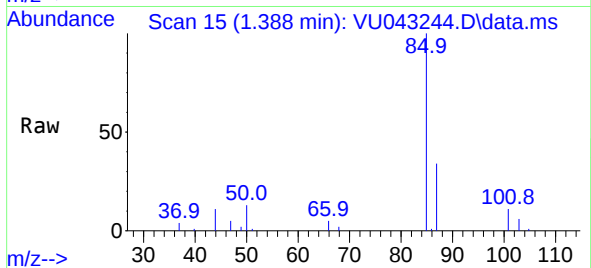




#2
Dichlorodifluoromethane
Concen: 2.76 ug/L
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU043244.D
Acq: 21 Apr 2021 12:41

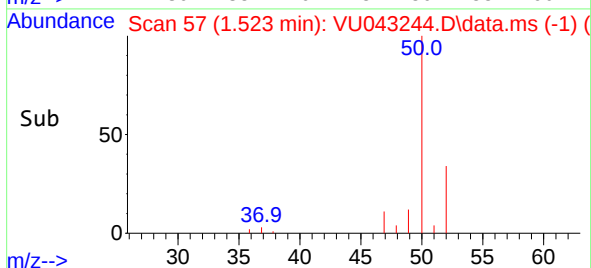
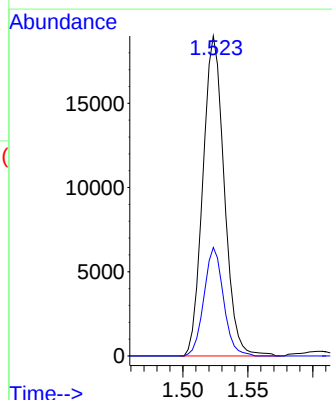
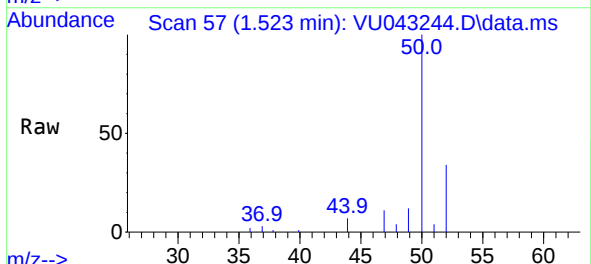
Instrument :
MSVOA_U
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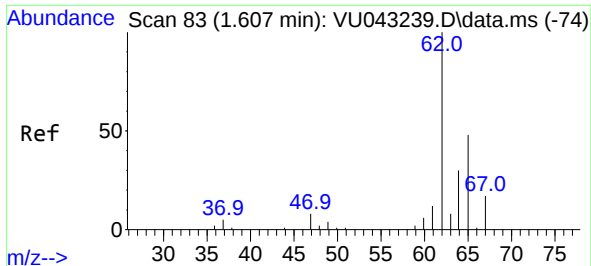
Tgt Ion: 85 Resp: 14644
Ion Ratio Lower Upper
85 100
87 33.3 26.3 39.5



#3
Chloromethane
Concen: 4.17 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU043244.D
Acq: 21 Apr 2021 12:41

Tgt Ion: 50 Resp: 21722
Ion Ratio Lower Upper
50 100
52 33.9 23.6 43.8

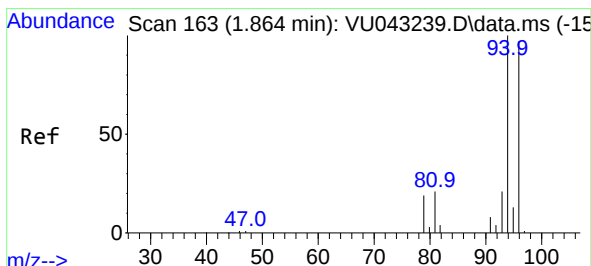
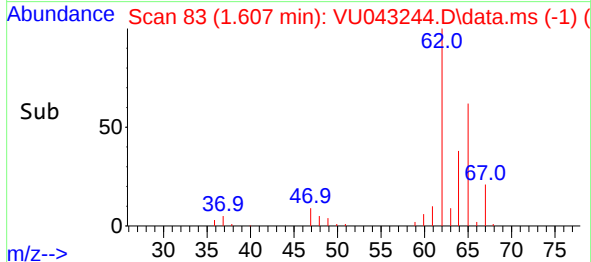
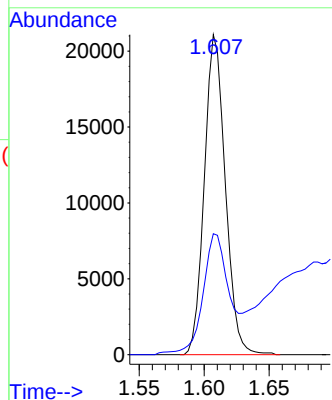
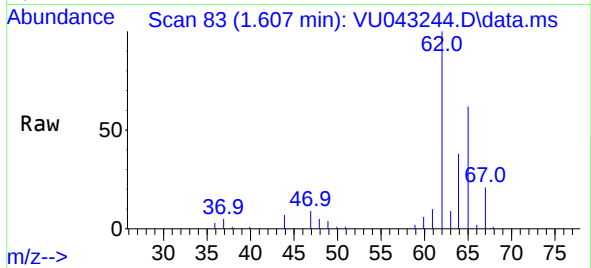




#5
 Vinyl chloride
 Concen: 4.36 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU043244.D
 Acq: 21 Apr 2021 12:41

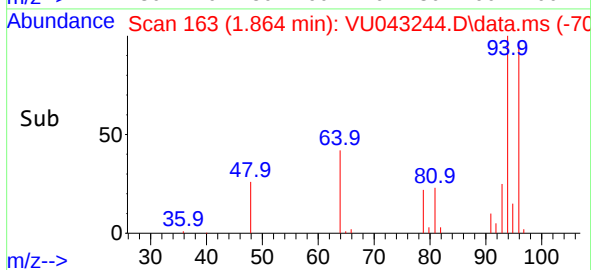
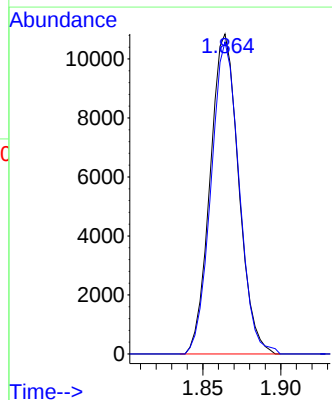
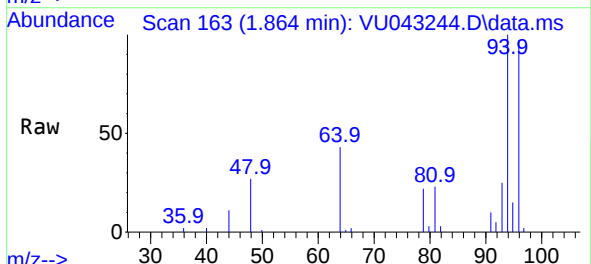
Instrument :
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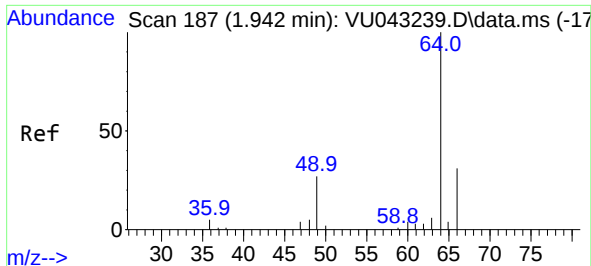
Tgt Ion: 62 Resp: 23682
 Ion Ratio Lower Upper
 62 100
 64 37.8 22.8 42.4



#6
 Bromomethane
 Concen: 4.25 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. -0.000 min
 Lab File: VU043244.D
 Acq: 21 Apr 2021 12:41

Tgt Ion: 94 Resp: 13788
 Ion Ratio Lower Upper
 94 100
 96 97.5 66.1 122.7

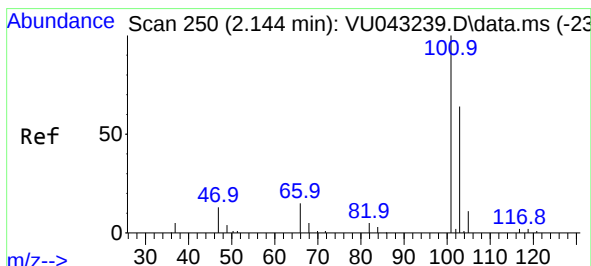
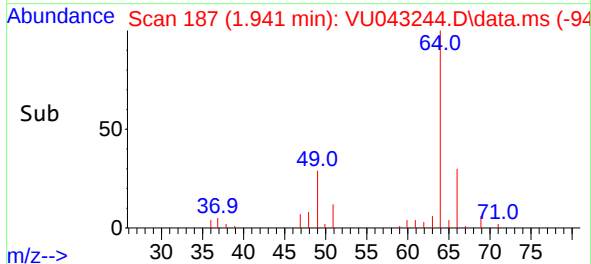
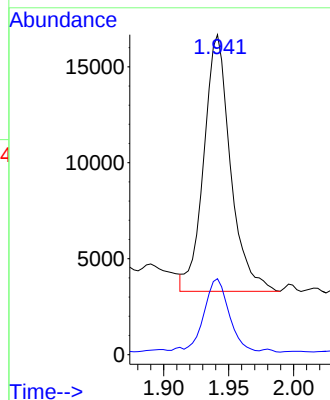
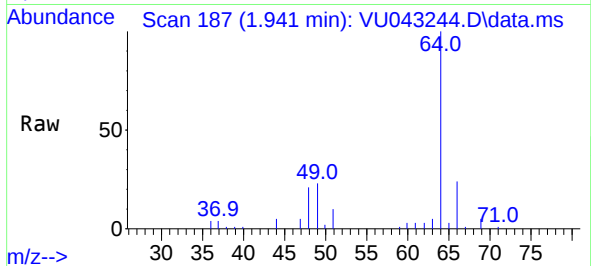




#8
Chloroethane
Concen: 4.88 ug/L
RT: 1.941 min Scan# 187
Delta R.T. -0.000 min
Lab File: VU043244.D
Acq: 21 Apr 2021 12:41

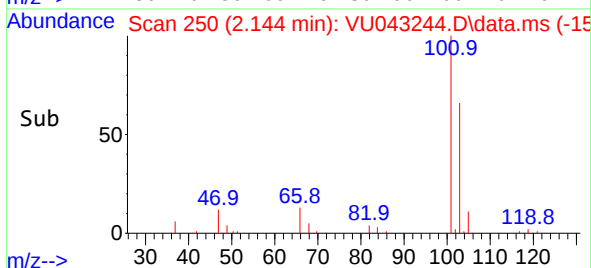
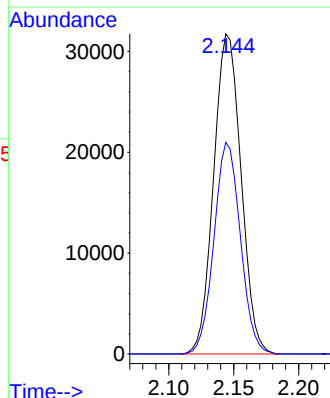
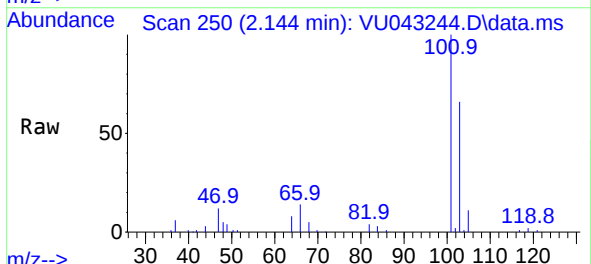
Instrument :
MSVOA_U
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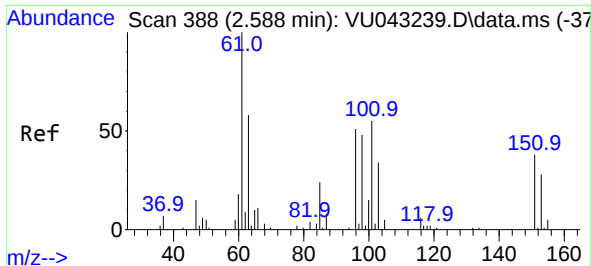
Tgt Ion: 64 Resp: 19090
Ion Ratio Lower Upper
64 100
66 23.7 22.4 41.6



#9
Trichlorofluoromethane
Concen: 4.60 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU043244.D
Acq: 21 Apr 2021 12:41

Tgt Ion: 101 Resp: 46544
Ion Ratio Lower Upper
101 100
103 63.7 51.5 77.3

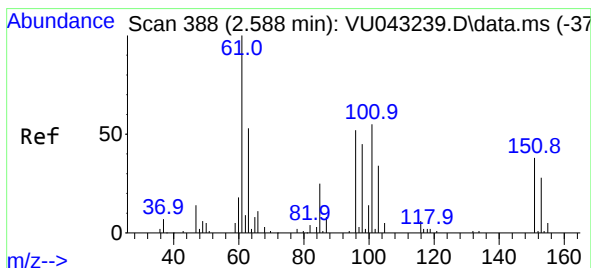
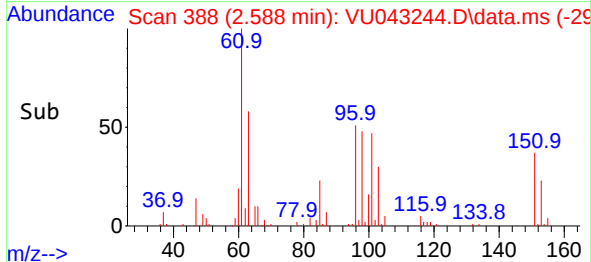
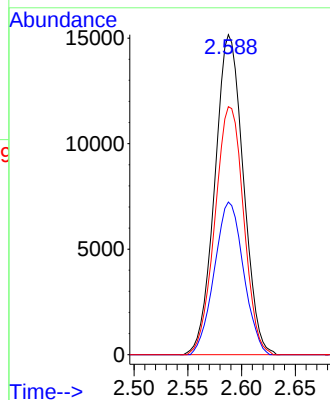
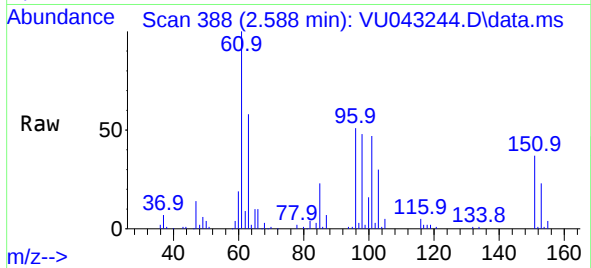




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.12 ug/L
RT: 2.588 min Scan# 388
Delta R.T. -0.000 min
Lab File: VU043244.D
Acq: 21 Apr 2021 12:41

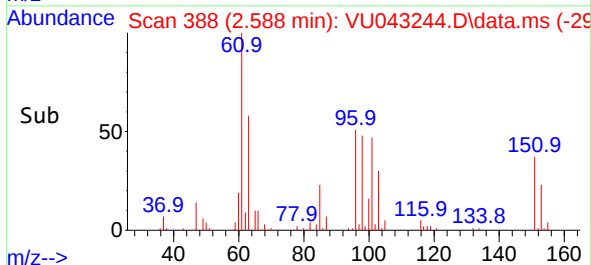
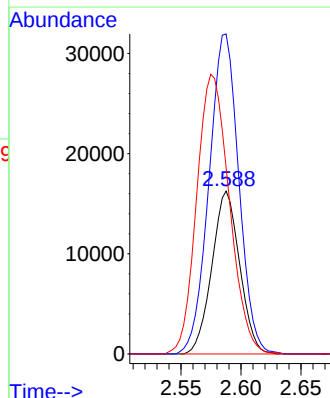
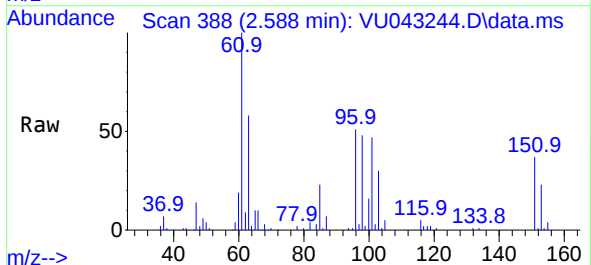
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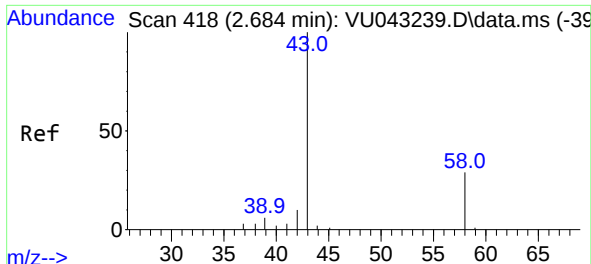
Tgt Ion:101 Resp: 27997
Ion Ratio Lower Upper
101 100
85 48.8 34.5 51.7
151 78.0 57.4 86.2



#12
1,1-Dichloroethene
Concen: 5.69 ug/L
RT: 2.588 min Scan# 388
Delta R.T. -0.000 min
Lab File: VU043244.D
Acq: 21 Apr 2021 12:41

Tgt Ion: 96 Resp: 26138
Ion Ratio Lower Upper
96 100
61 196.4 115.1 213.7
63 114.4 84.1 156.1

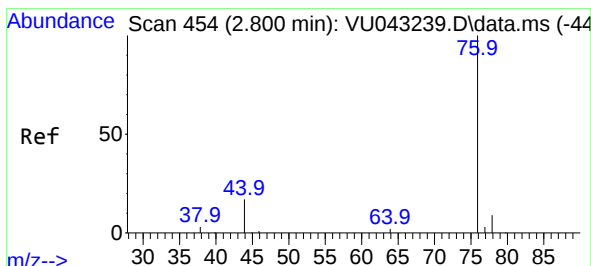
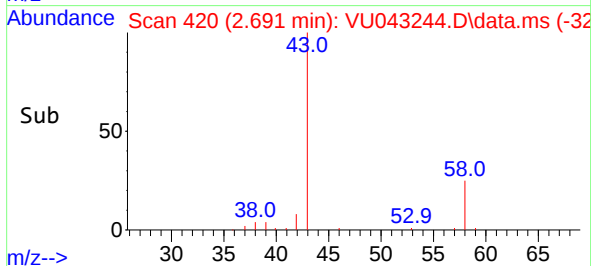
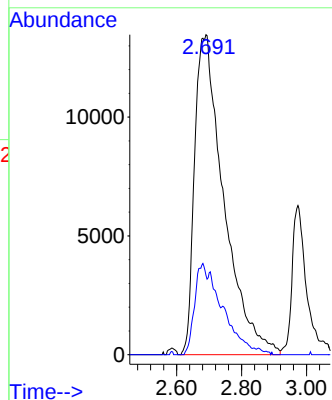
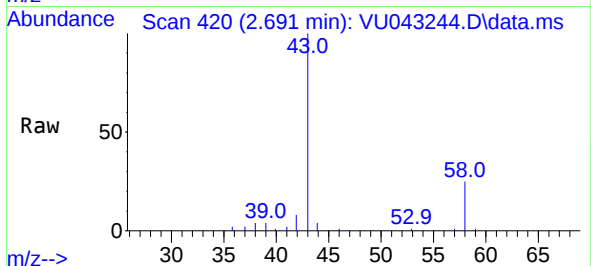




#13
Acetone
Concen: 62.13 ug/L
RT: 2.691 min Scan# 420
Delta R.T. 0.006 min
Lab File: VU043244.D
Acq: 21 Apr 2021 12:41

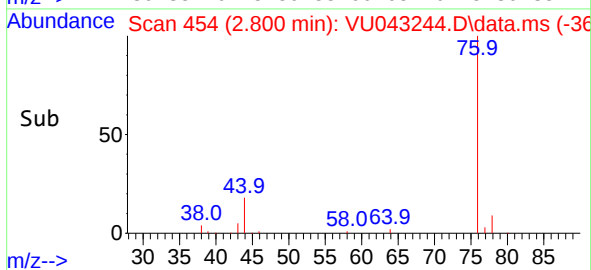
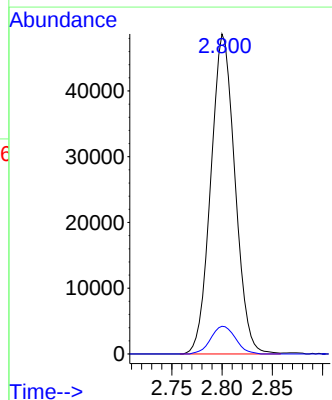
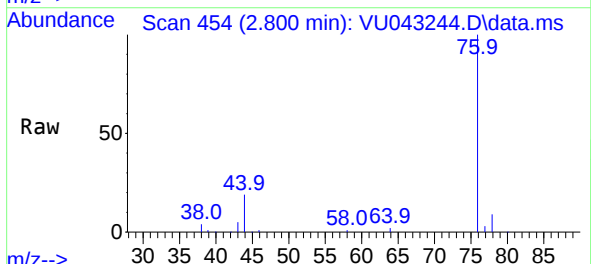
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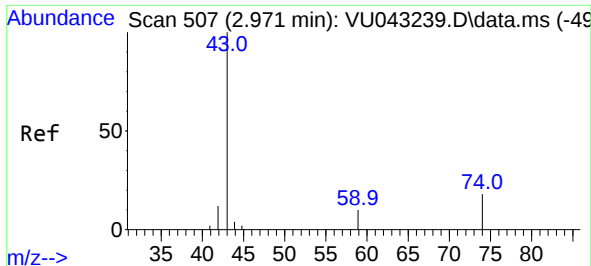
Tgt Ion: 43 Resp: 84172
Ion Ratio Lower Upper
43 100
58 11.5 0.0 25.0



#14
Carbon disulfide
Concen: 6.95 ug/L
RT: 2.800 min Scan# 454
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 81401
Ion Ratio Lower Upper
76 100
78 8.7 7.5 11.3

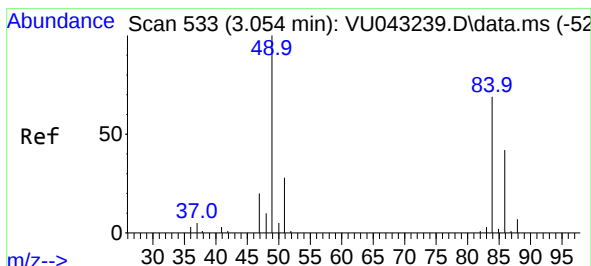
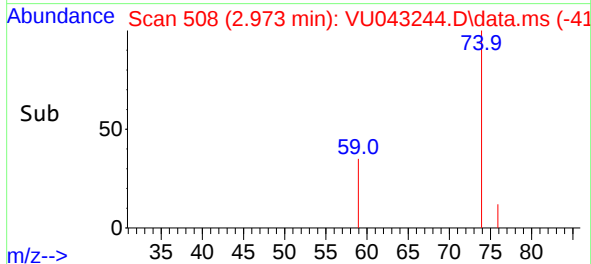
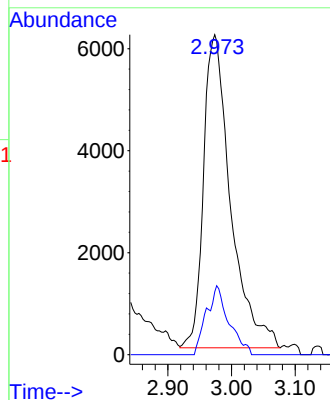
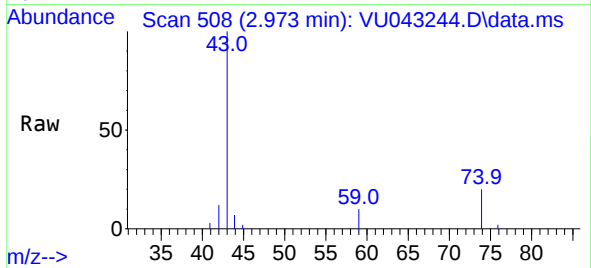




#15
Methyl Acetate
Concen: 7.13 ug/L
RT: 2.973 min Scan# 508
Delta R.T. 0.003 min
Lab File: VU043244.D
Acq: 21 Apr 2021 12:41

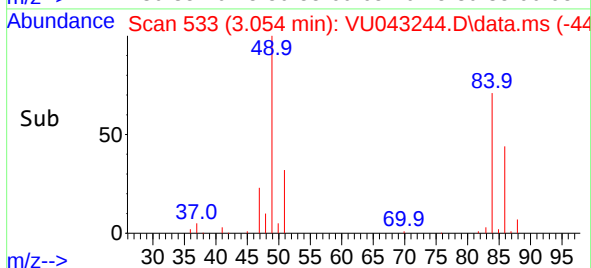
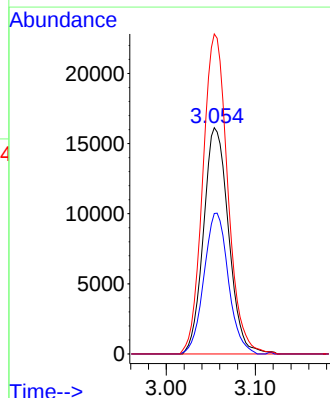
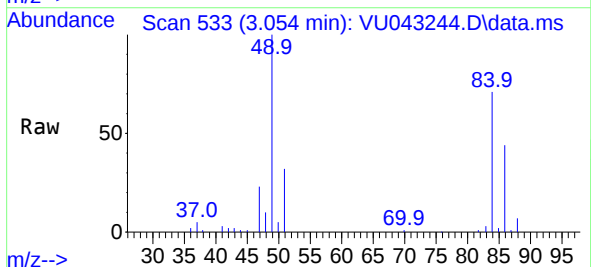
Instrument :
MSVOA_U
ClientSampled :
H4536MSD

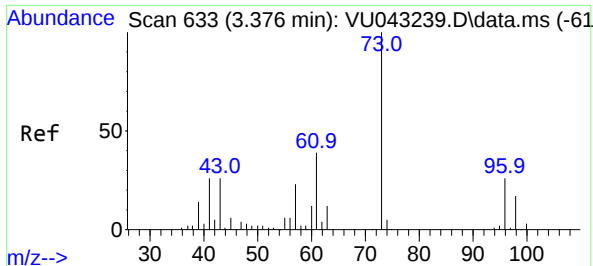
Tgt Ion: 43 Resp: 18166
Ion Ratio Lower Upper
43 100
74 18.2 21.5 32.3#



#16
Methylene chloride
Concen: 5.30 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU043244.D
Acq: 21 Apr 2021 12:41

Tgt Ion: 84 Resp: 31535
Ion Ratio Lower Upper
84 100
86 62.1 44.9 83.5
49 141.4 79.0 146.8



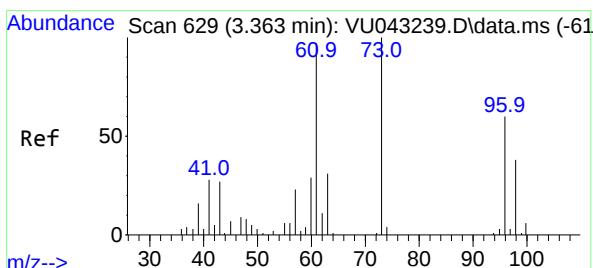
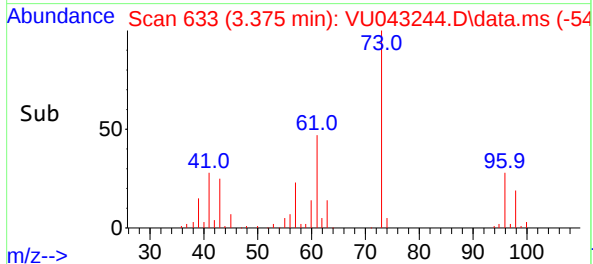
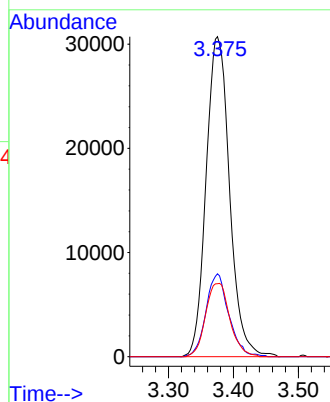
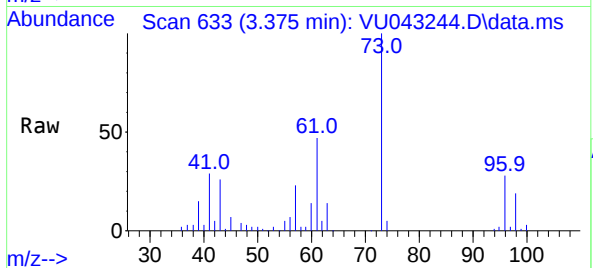


#17
Methyl tert-butyl Ether
Concen: 5.12 ug/L
RT: 3.375 min Scan# 633
Delta R.T. -0.000 min
Lab File: VU043244.D
Acq: 21 Apr 2021 12:41

Instrument :
MSVOA_U
ClientSampleId :
H4536MSD

Tgt Ion: 73 Resp: 76966

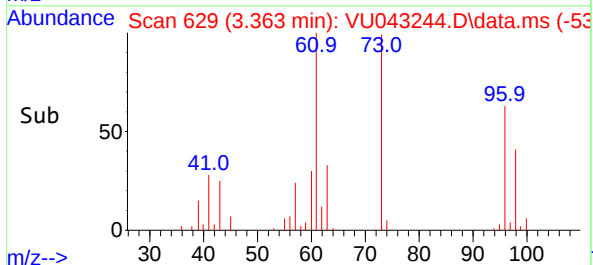
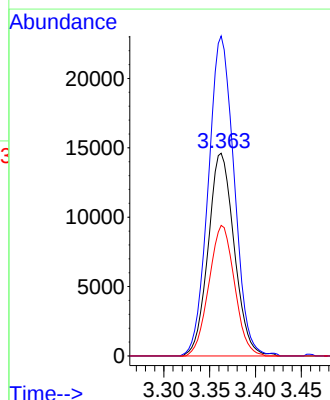
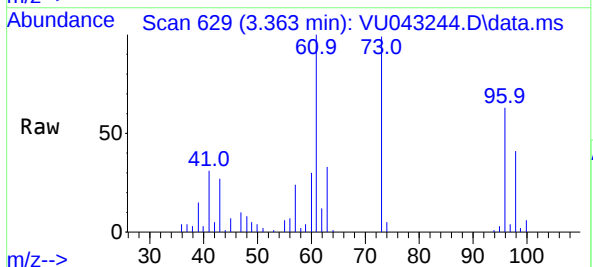
Ion	Ratio	Lower	Upper
73	100		
43	25.3	15.0	22.4#
57	23.7	17.3	25.9

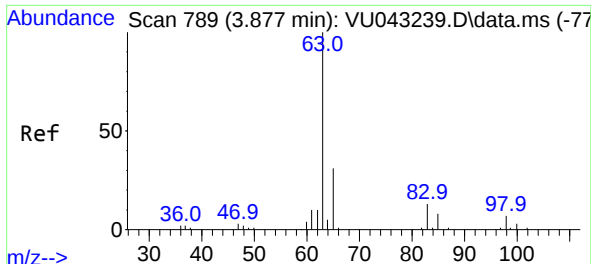


#18
trans-1,2-Dichloroethene
Concen: 5.89 ug/L
RT: 3.363 min Scan# 629
Delta R.T. -0.000 min
Lab File: VU043244.D
Acq: 21 Apr 2021 12:41

Tgt Ion: 96 Resp: 28857

Ion	Ratio	Lower	Upper
96	100		
61	157.9	96.6	179.4
98	64.4	44.7	82.9



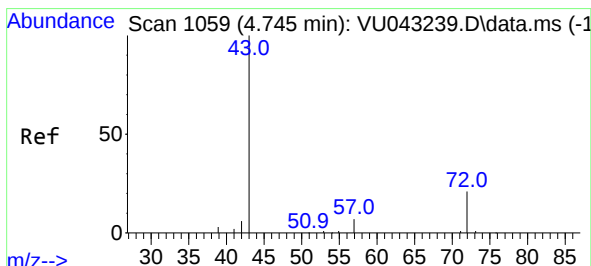
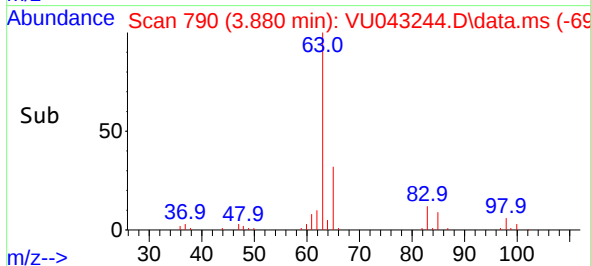
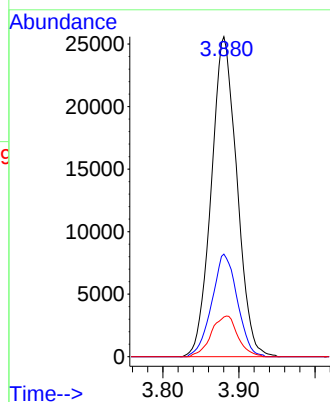
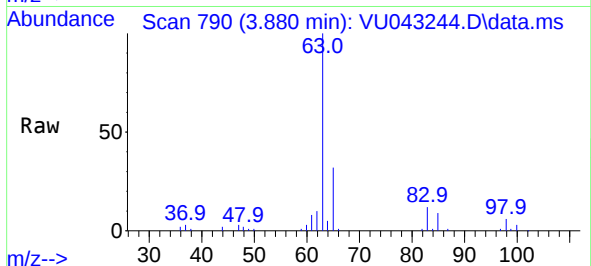


#19

1,1-Dichloroethane
Concen: 5.60 ug/L
RT: 3.880 min Scan# 790
Delta R.T. 0.003 min
Lab File: VU043244.D
Acq: 21 Apr 2021 12:41

Instrument :
MSVOA_U
ClientSampleId :
H4536MSD

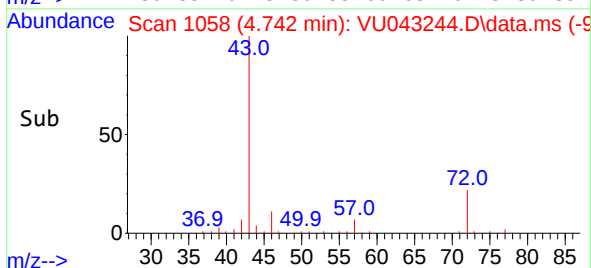
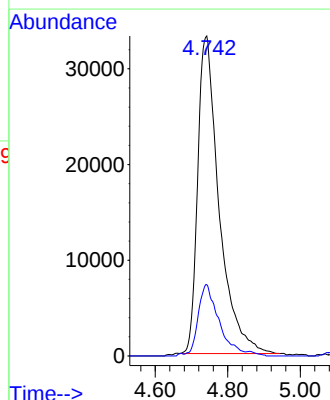
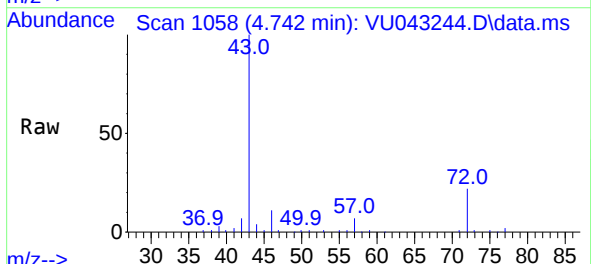
Tgt Ion: 63	Resp: 59756
Ion Ratio	Lower Upper
63 100	
65 32.1	23.2 43.0
83 12.4	9.9 18.3

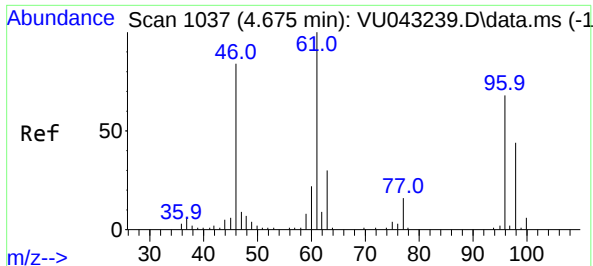


#21

2-Butanone
Concen: 60.61 ug/L
RT: 4.742 min Scan# 1058
Delta R.T. -0.003 min
Lab File: VU043244.D
Acq: 21 Apr 2021 12:41

Tgt Ion: 43	Resp: 135513
Ion Ratio	Lower Upper
43 100	
72 20.8	15.8 47.3



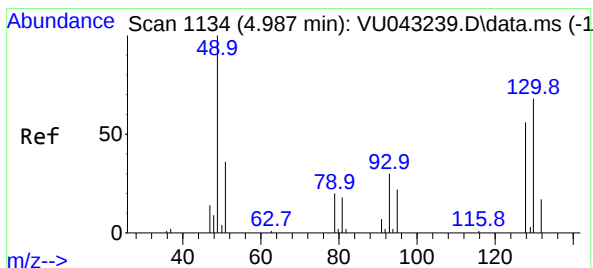
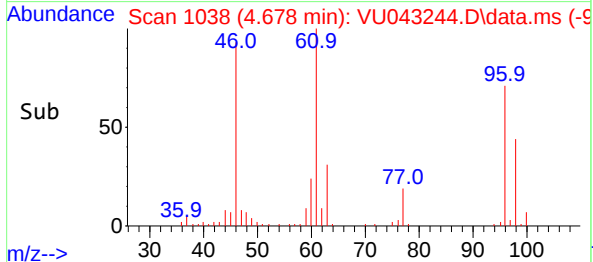
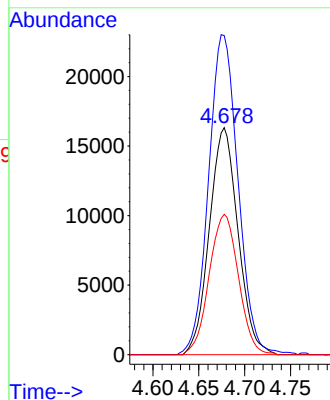
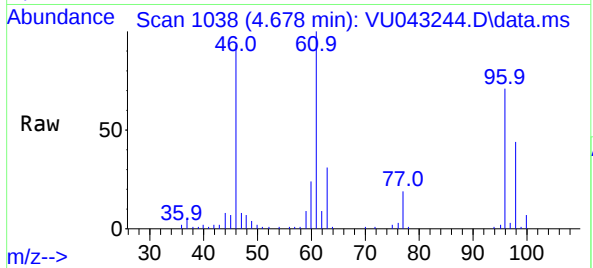


#22
cis-1,2-Dichloroethene
Concen: 6.14 ug/L
RT: 4.678 min Scan# 1038
Delta R.T. 0.003 min
Lab File: VU043244.D
Acq: 21 Apr 2021 12:41

Instrument :
MSVOA_U
ClientSampleId :
H4536MSD

Tgt Ion: 96 Resp: 35605

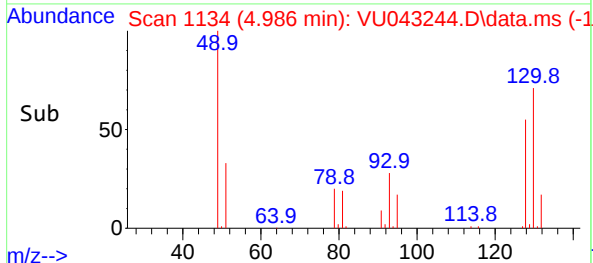
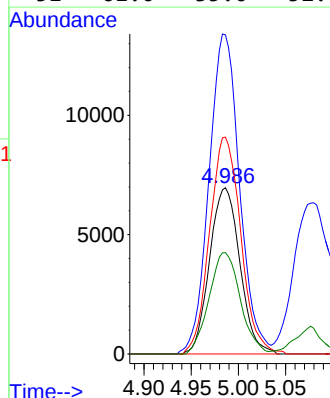
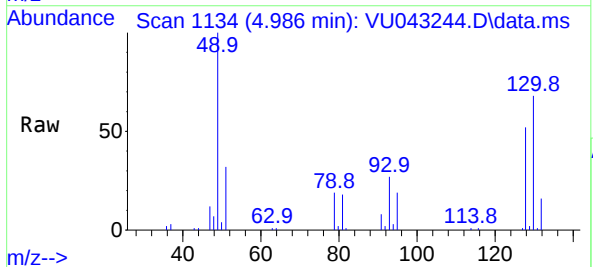
Ion	Ratio	Lower	Upper
96	100		
61	140.6	87.4	162.4
98	61.8	47.7	88.5

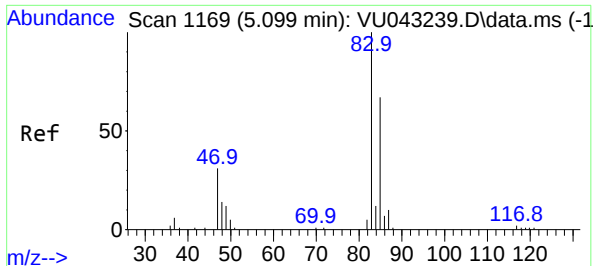


#23
Bromochloromethane
Concen: 5.87 ug/L
RT: 4.986 min Scan# 1134
Delta R.T. -0.000 min
Lab File: VU043244.D
Acq: 21 Apr 2021 12:41

Tgt Ion: 128 Resp: 15539

Ion	Ratio	Lower	Upper
128	100		
49	191.8	96.4	179.0#
130	130.4	91.2	169.4
51	61.0	35.0	52.6#

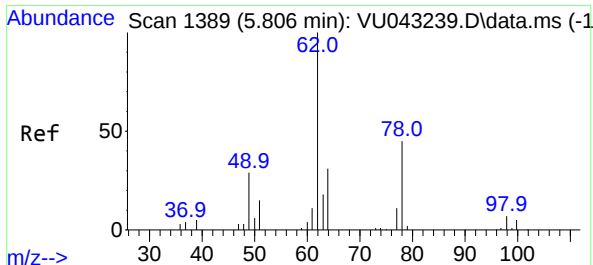
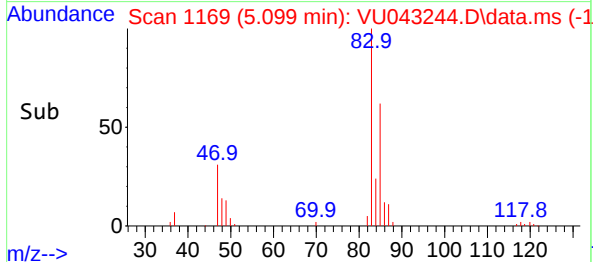
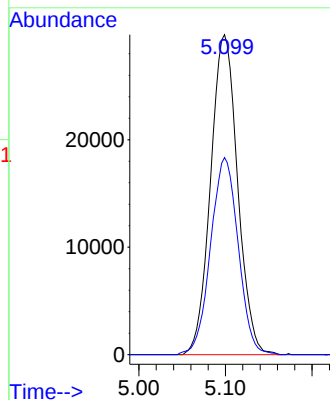
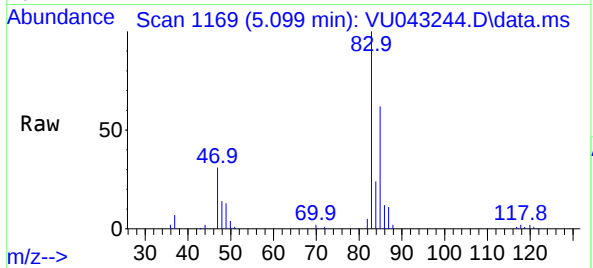




#25
Chloroform
Concen: 5.68 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VU043244.D
Acq: 21 Apr 2021 12:41

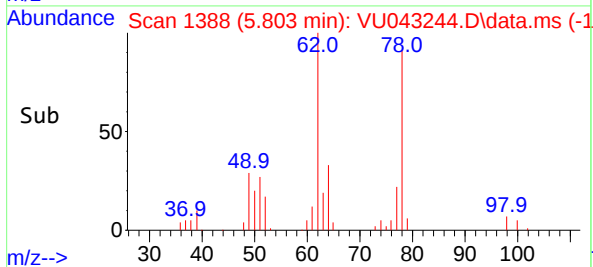
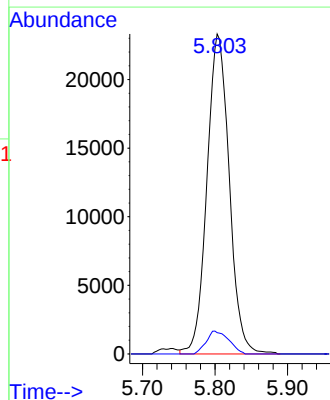
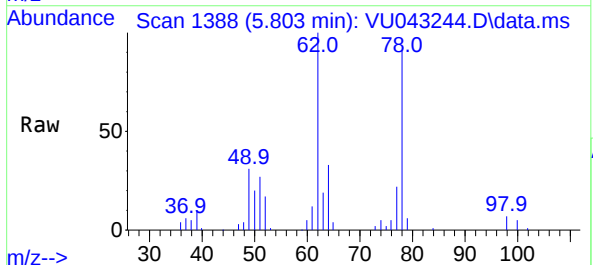
Instrument :
MSVOA_U
ClientSampleId :
H4536MSD

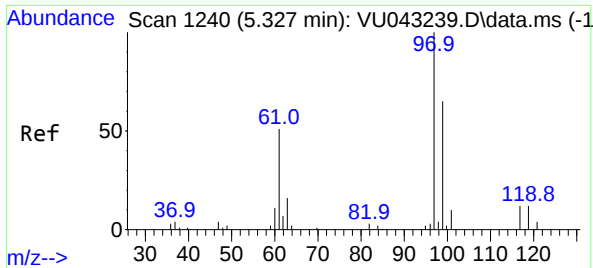
Tgt Ion: 83 Resp: 64595
Ion Ratio Lower Upper
83 100
85 61.6 45.6 84.8



#27
1,2-Dichloroethane
Concen: 5.97 ug/L
RT: 5.803 min Scan# 1388
Delta R.T. -0.003 min
Lab File: VU043244.D
Acq: 21 Apr 2021 12:41

Tgt Ion: 62 Resp: 49790
Ion Ratio Lower Upper
62 100
98 6.7 7.5 11.3#



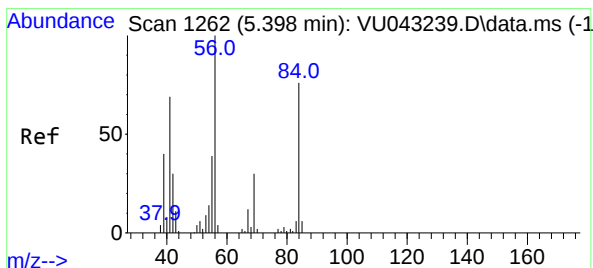
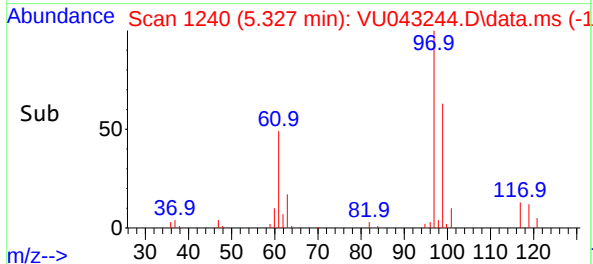
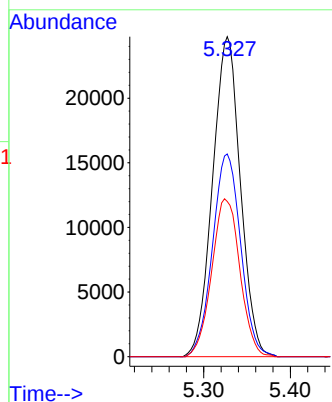
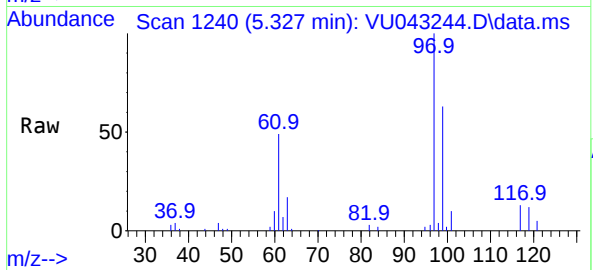


#29
1,1,1-Trichloroethane
Concen: 5.36 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VU043244.D
Acq: 21 Apr 2021 12:41

Instrument :
MSVOA_U
ClientSampleId :
H4536MSD

Tgt Ion: 97 Resp: 55165

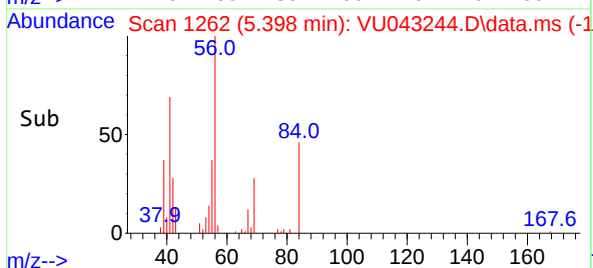
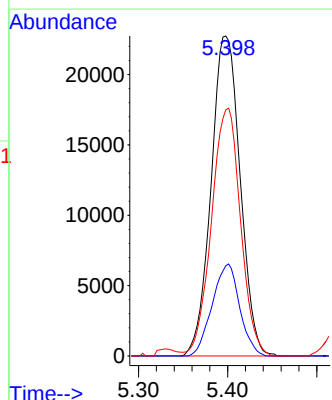
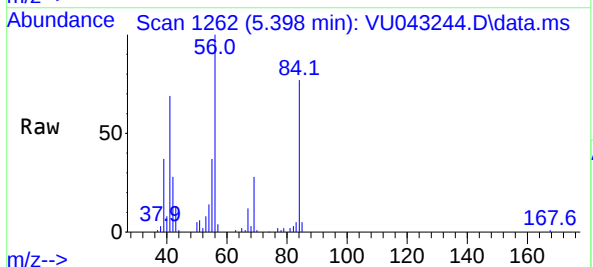
Ion	Ratio	Lower	Upper
97	100		
99	64.2	50.3	75.5
61	50.1	32.7	49.1#

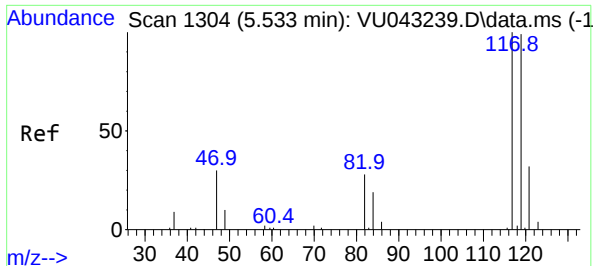


#30
Cyclohexane
Concen: 5.84 ug/L
RT: 5.398 min Scan# 1262
Delta R.T. -0.000 min
Lab File: VU043244.D
Acq: 21 Apr 2021 12:41

Tgt Ion: 56 Resp: 51527

Ion	Ratio	Lower	Upper
56	100		
69	27.2	25.2	37.8
84	77.4	76.2	114.4

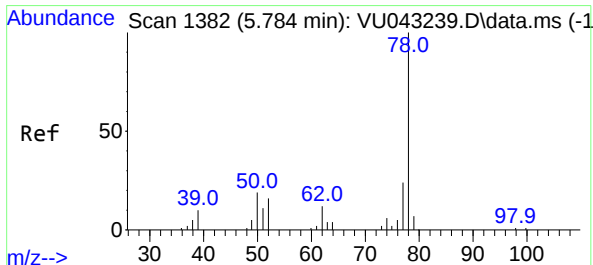
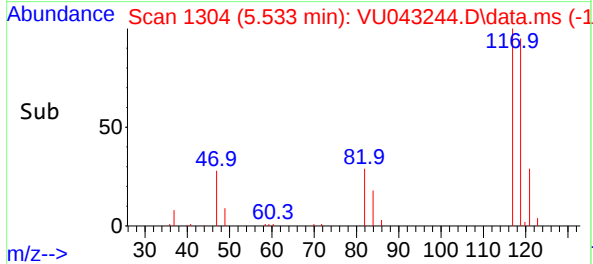
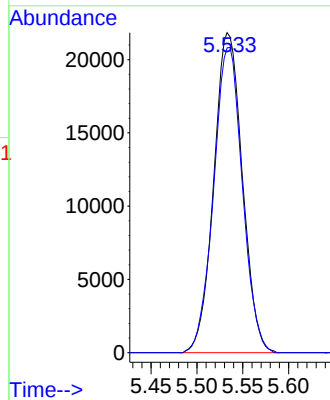
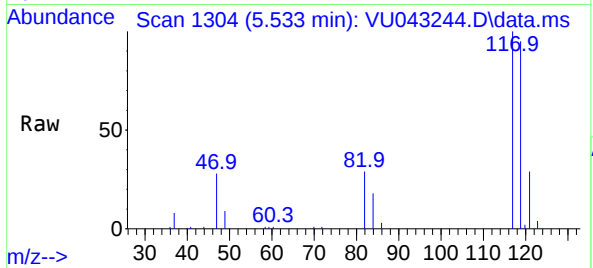




#31
Carbon tetrachloride
Concen: 5.50 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VU043244.D
Acq: 21 Apr 2021 12:41

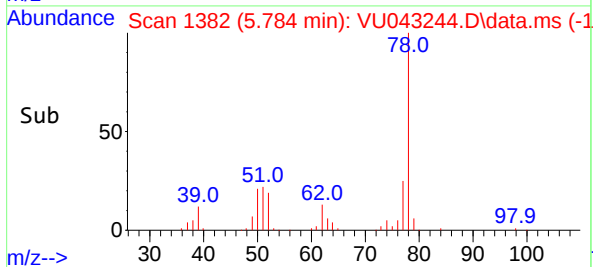
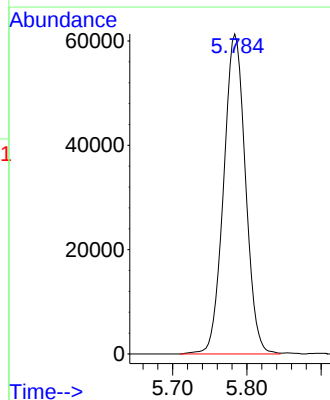
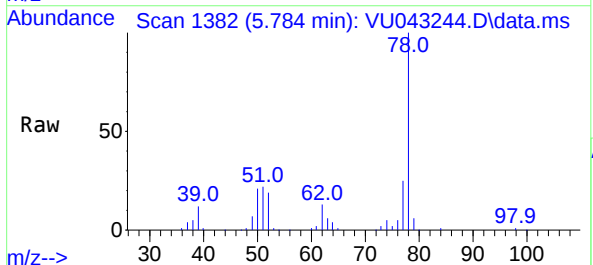
Instrument :
MSVOA_U
ClientSampleId :
H4536MSD

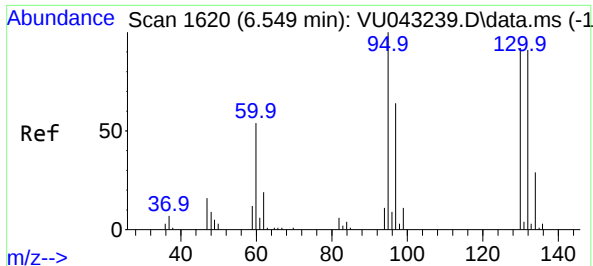
Tgt Ion:117 Resp: 47258
Ion Ratio Lower Upper
117 100
119 96.0 76.2 114.4



#33
Benzene
Concen: 5.62 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VU043244.D
Acq: 21 Apr 2021 12:41

Tgt Ion: 78 Resp: 125381

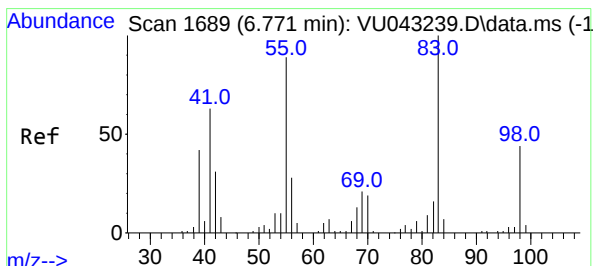
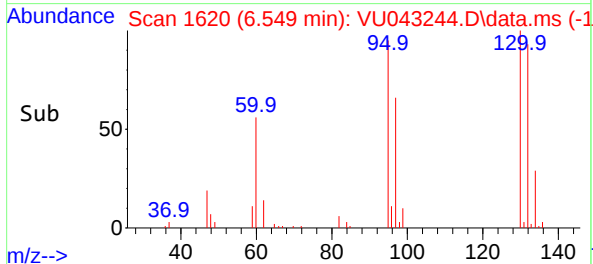
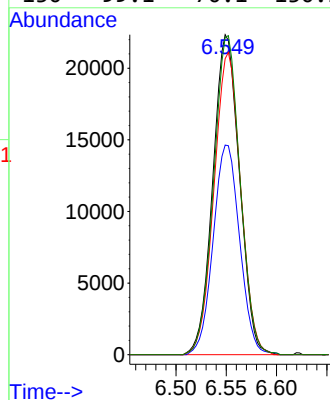
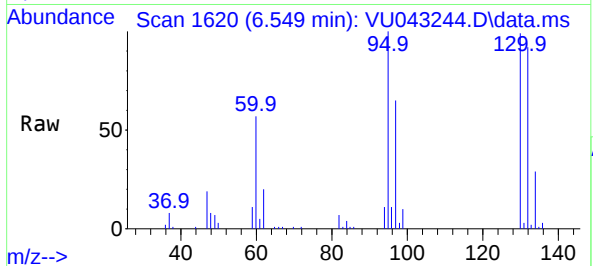




#34
Trichloroethene
Concen: 6.69 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VU043244.D
Acq: 21 Apr 2021 12:41

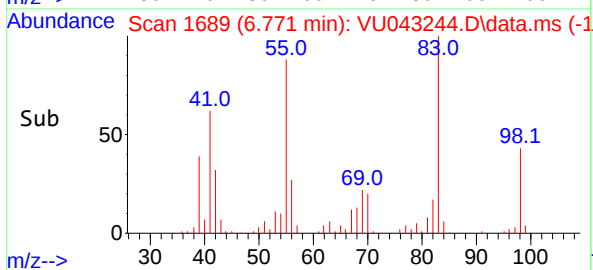
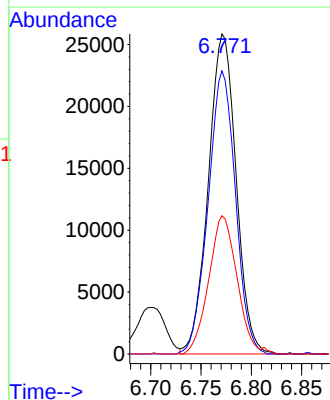
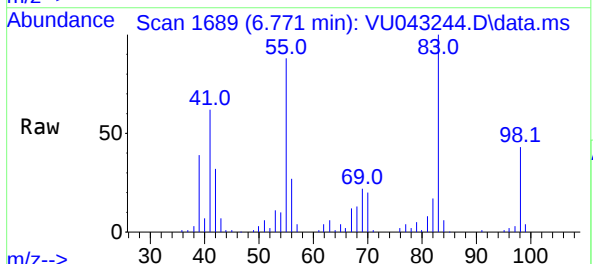
Instrument :
MSVOA_U
ClientSampleId :
H4536MSD

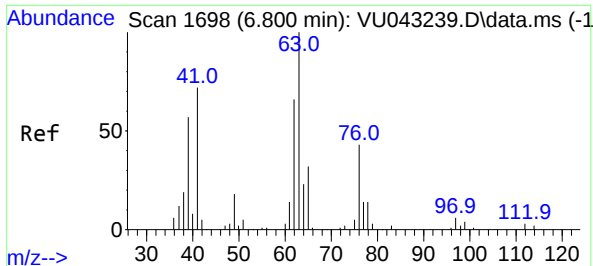
Tgt Ion: 95 Resp: 41110
Ion Ratio Lower Upper
95 100
97 65.5 45.8 85.2
132 92.5 68.7 127.7
130 99.1 70.1 130.3



#35
Methylcyclohexane
Concen: 5.85 ug/L
RT: 6.771 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VU043244.D
Acq: 21 Apr 2021 12:41

Tgt Ion: 83 Resp: 49791
Ion Ratio Lower Upper
83 100
55 86.9 59.5 89.3
98 44.1 37.9 56.9

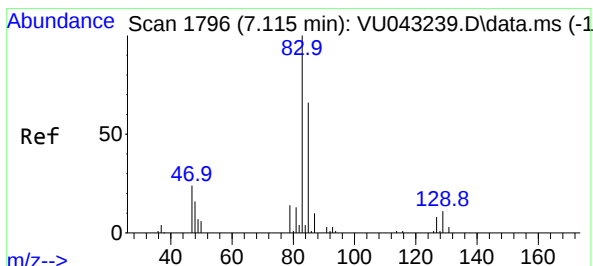
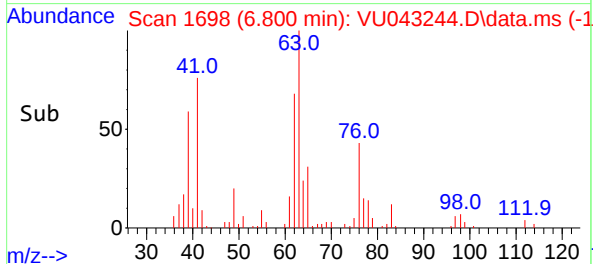
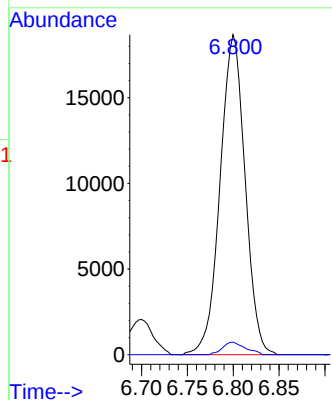
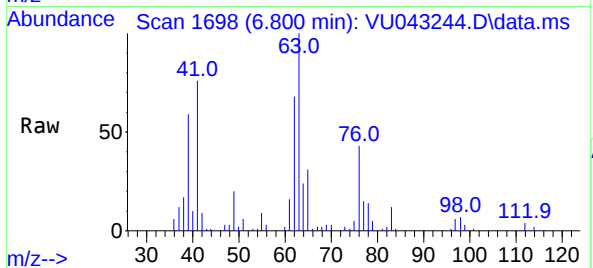




#37
1,2-Dichloropropane
Concen: 5.64 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VU043244.D
Acq: 21 Apr 2021 12:41

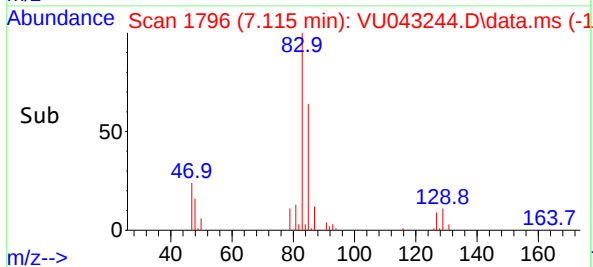
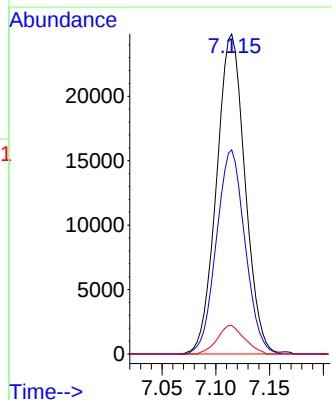
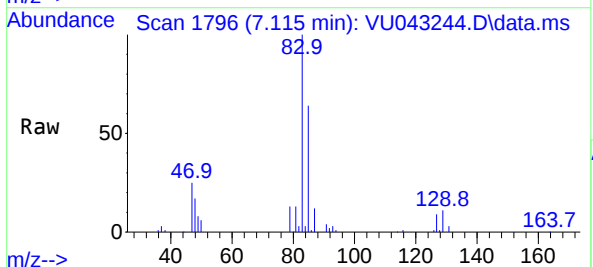
Instrument :
MSVOA_U
ClientSampleId :
H4536MSD

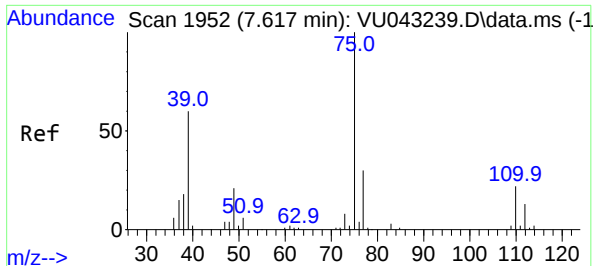
Tgt Ion: 63 Resp: 35418
Ion Ratio Lower Upper
63 100
112 3.6 3.5 5.3



#38
Bromodichloromethane
Concen: 5.42 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VU043244.D
Acq: 21 Apr 2021 12:41

Tgt Ion: 83 Resp: 45735
Ion Ratio Lower Upper
83 100
85 63.8 44.6 82.8
127 8.9 7.4 11.2

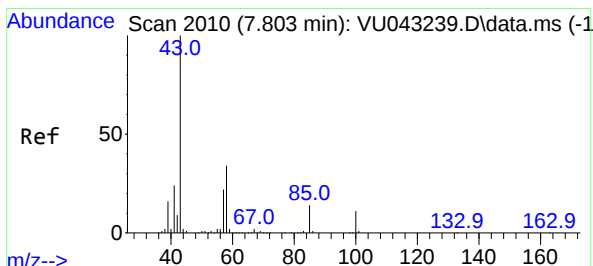
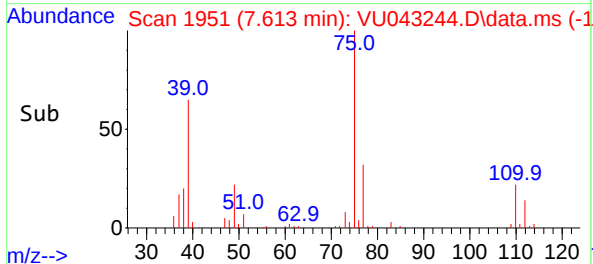
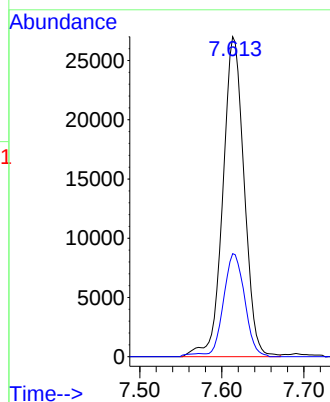
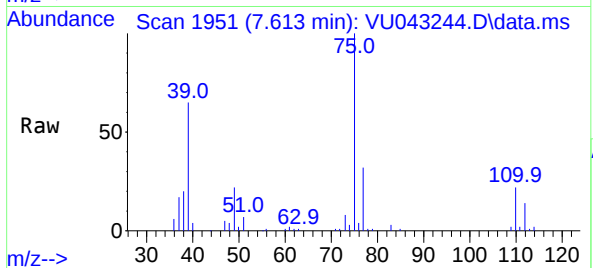




#39
cis-1,3-Dichloropropene
Concen: 5.31 ug/L
RT: 7.613 min Scan# 1951
Delta R.T. -0.003 min
Lab File: VU043244.D
Acq: 21 Apr 2021 12:41

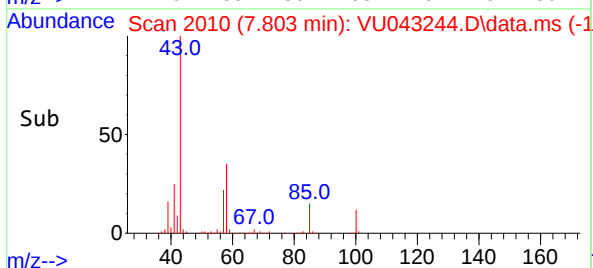
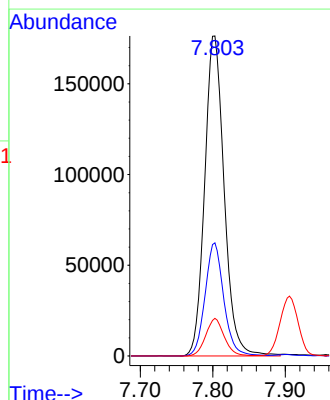
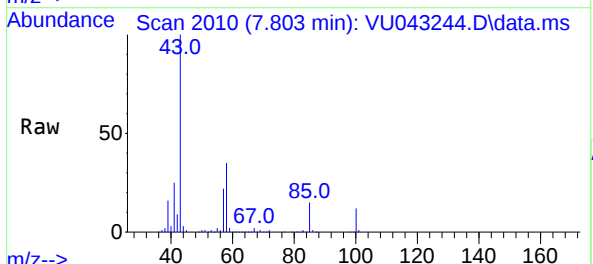
Instrument :
MSVOA_U
ClientSampleId :
H4536MSD

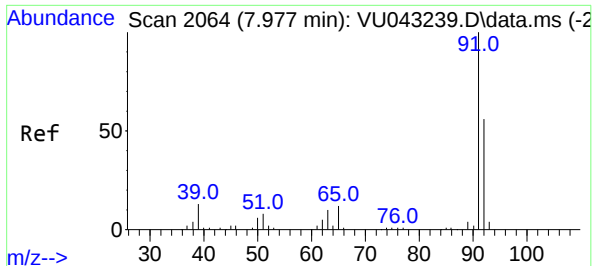
Tgt Ion: 75 Resp: 48690
Ion Ratio Lower Upper
75 100
77 32.2 21.8 40.6



#40
4-Methyl-2-pentanone
Concen: 58.70 ug/L
RT: 7.803 min Scan# 2010
Delta R.T. -0.000 min
Lab File: VU043244.D
Acq: 21 Apr 2021 12:41

Tgt Ion: 43 Resp: 329873
Ion Ratio Lower Upper
43 100
58 33.9 35.8 53.6#
100 11.1 15.1 22.7#

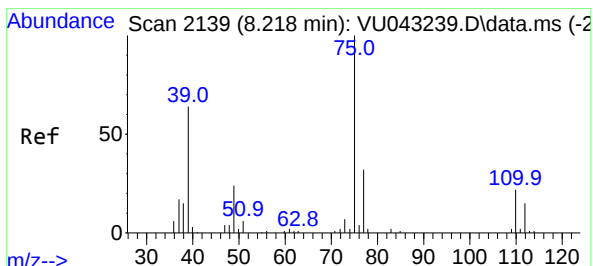
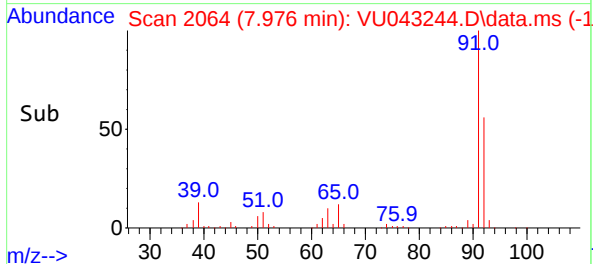
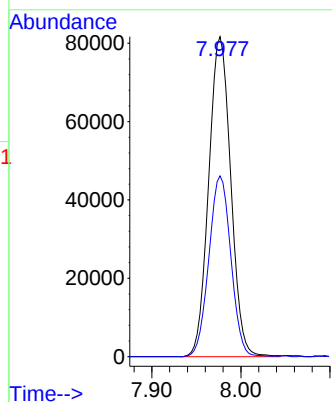
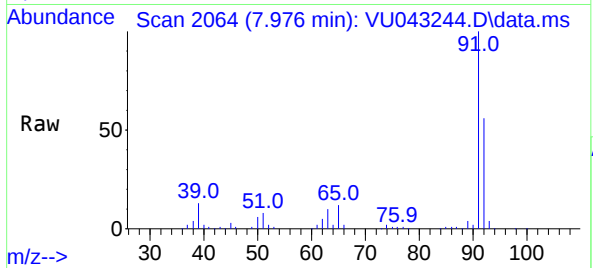




#42
Toluene
Concen: 5.63 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU043244.D
Acq: 21 Apr 2021 12:41

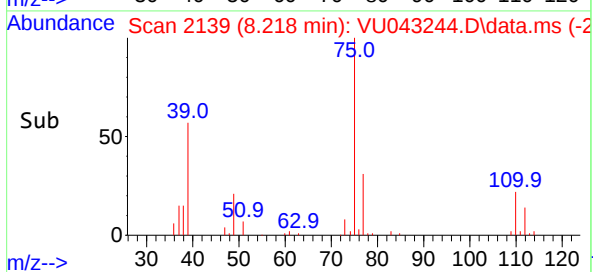
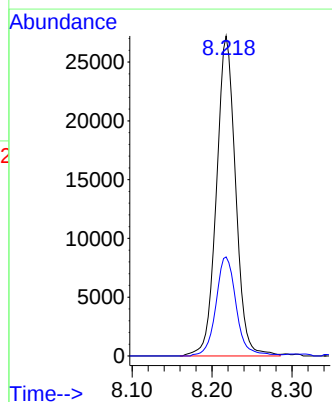
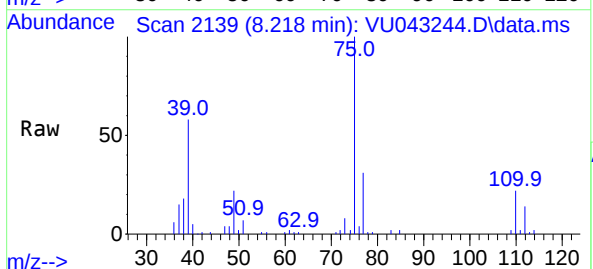
Instrument :
MSVOA_U
ClientSampleId :
H4536MSD

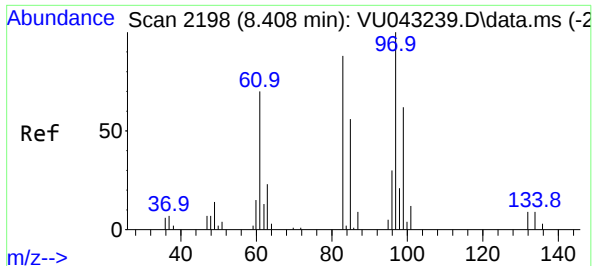
Tgt Ion: 91 Resp: 140290
Ion Ratio Lower Upper
91 100
92 56.5 40.9 76.0



#44
trans-1,3-Dichloropropene
Concen: 5.22 ug/L
RT: 8.218 min Scan# 2139
Delta R.T. -0.000 min
Lab File: VU043244.D
Acq: 21 Apr 2021 12:41

Tgt Ion: 75 Resp: 45113
Ion Ratio Lower Upper
75 100
77 31.0 23.4 43.4





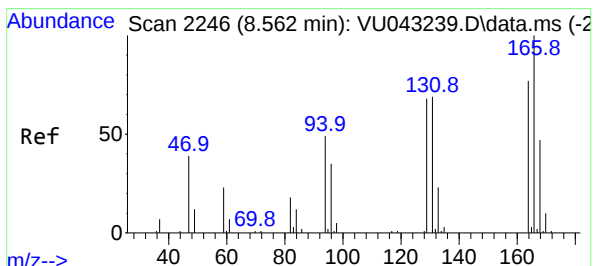
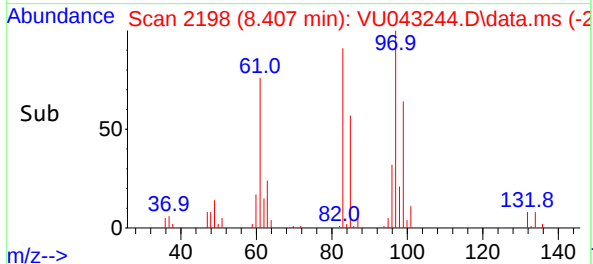
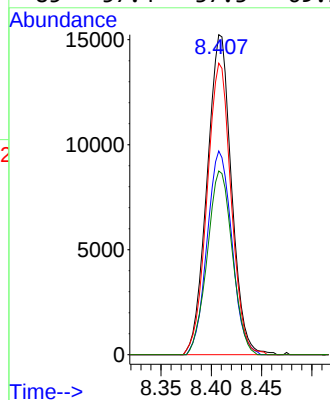
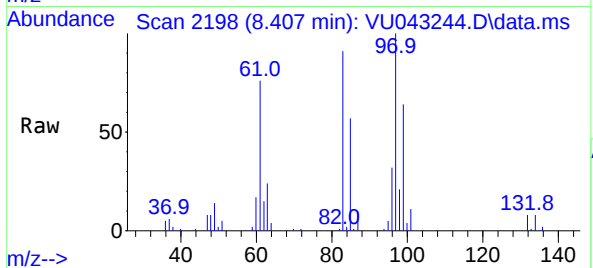
#45

1,1,2-Trichloroethane
Concen: 5.49 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. -0.000 min
Lab File: VU043244.D
Acq: 21 Apr 2021 12:41

Instrument :
MSVOA_U
ClientSampleId :
H4536MSD

Tgt Ion: 97 Resp: 25772

Ion	Ratio	Lower	Upper
97	100		
99	63.7	44.2	82.0
83	91.1	60.1	111.7
85	57.4	37.3	69.3

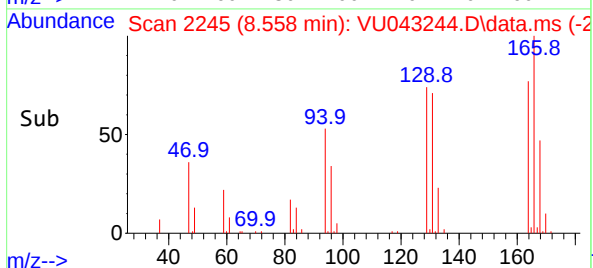
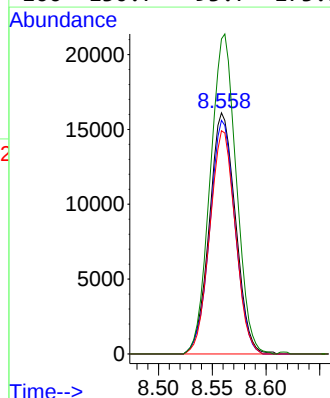
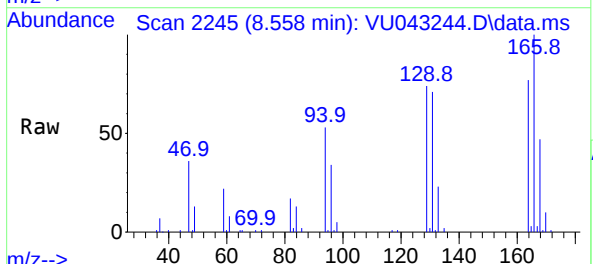


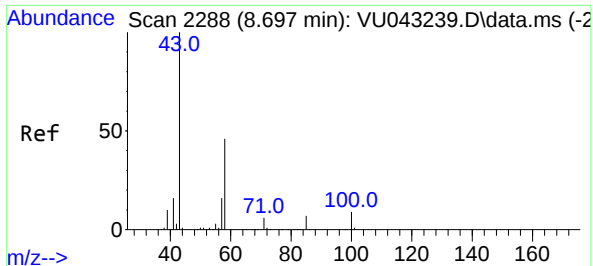
#47

Tetrachloroethene
Concen: 5.58 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.003 min
Lab File: VU043244.D
Acq: 21 Apr 2021 12:41

Tgt Ion: 164 Resp: 27191

Ion	Ratio	Lower	Upper
164	100		
129	96.9	66.6	123.8
131	92.6	65.9	122.3
166	130.7	93.7	173.9



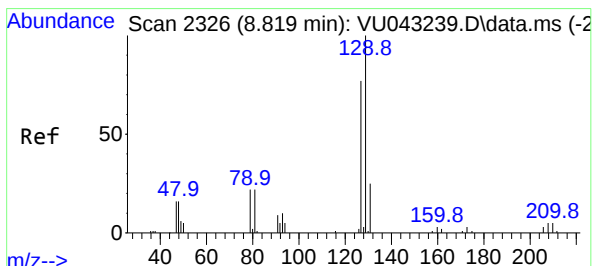
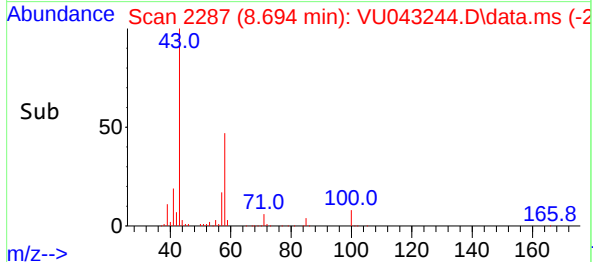
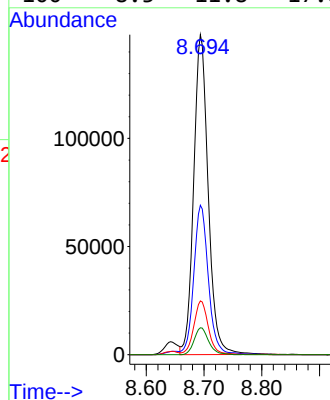
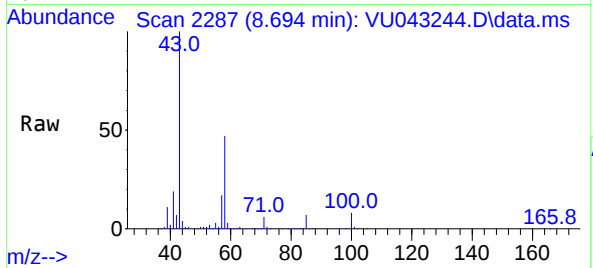


#48
2-Hexanone
Concen: 62.53 ug/L
RT: 8.694 min Scan# 2287
Delta R.T. -0.003 min
Lab File: VU043244.D
Acq: 21 Apr 2021 12:41

Instrument :
MSVOA_U
ClientSampleId :
H4536MSD

Tgt Ion: 43 Resp: 258541

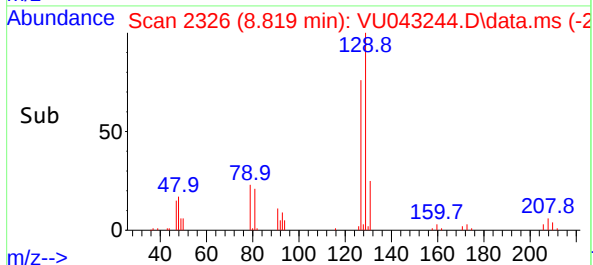
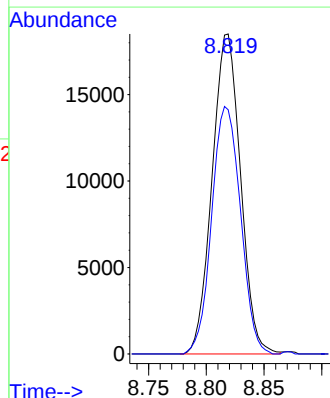
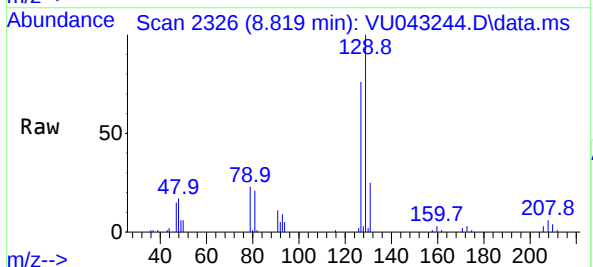
Ion	Ratio	Lower	Upper
43	100		
58	46.5	50.0	75.0#
57	16.8	17.4	26.0#
100	8.3	11.8	17.8#

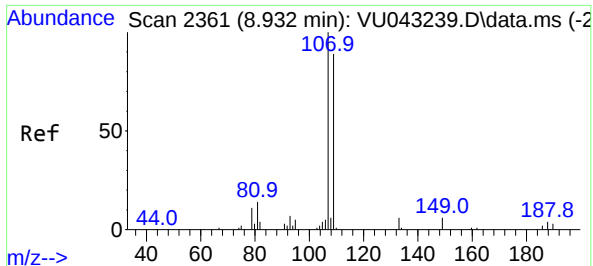


#49
Dibromochloromethane
Concen: 5.35 ug/L
RT: 8.819 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VU043244.D
Acq: 21 Apr 2021 12:41

Tgt Ion: 129 Resp: 31685

Ion	Ratio	Lower	Upper
129	100		
127	76.3	56.6	105.2





#50

1,2-Dibromoethane

Concen: 5.44 ug/L

RT: 8.931 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VU043244.D

Acq: 21 Apr 2021 12:41

Instrument :

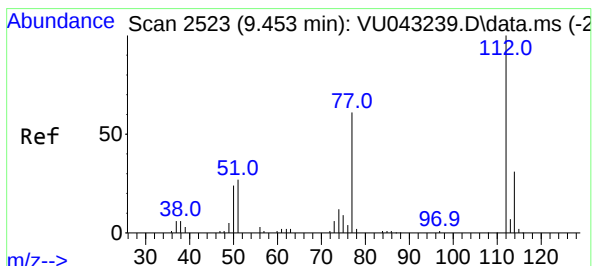
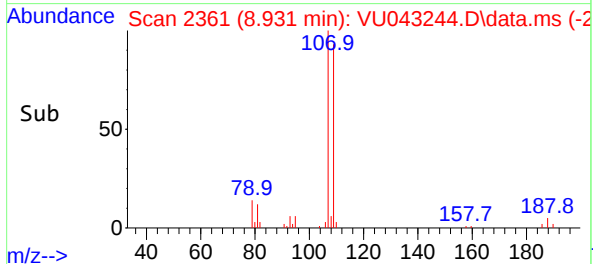
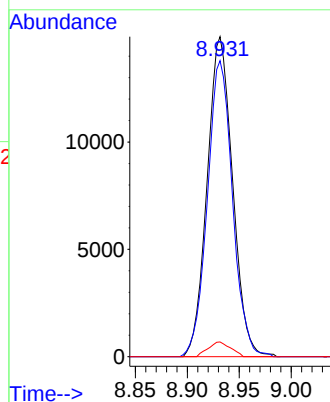
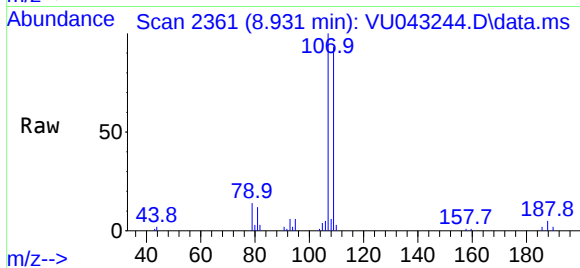
MSVOA_U

ClientSampleId :

H4536MSD

Tgt Ion:107 Resp: 25388

Ion	Ratio	Lower	Upper
107	100		
109	92.5	65.4	121.4
188	4.6	2.5	3.7#



#51

Chlorobenzene

Concen: 5.45 ug/L

RT: 9.452 min Scan# 2523

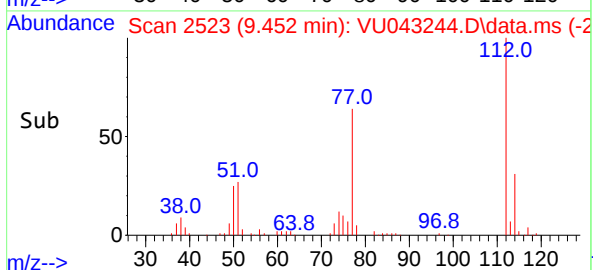
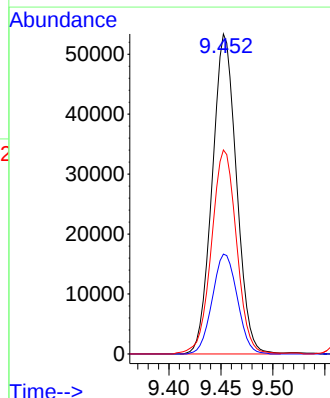
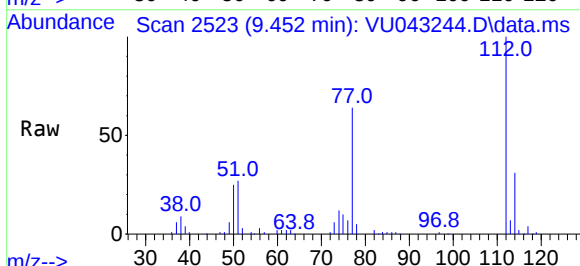
Delta R.T. -0.000 min

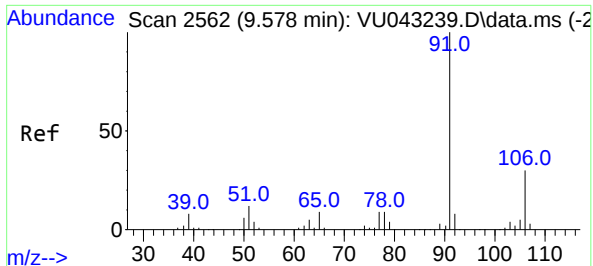
Lab File: VU043244.D

Acq: 21 Apr 2021 12:41

Tgt Ion:112 Resp: 86667

Ion	Ratio	Lower	Upper
112	100		
114	31.2	21.9	40.7
77	63.7	45.1	67.7





#52

Ethylbenzene

Concen: 5.32 ug/L

RT: 9.578 min Scan# 2562

Delta R.T. -0.000 min

Lab File: VU043244.D

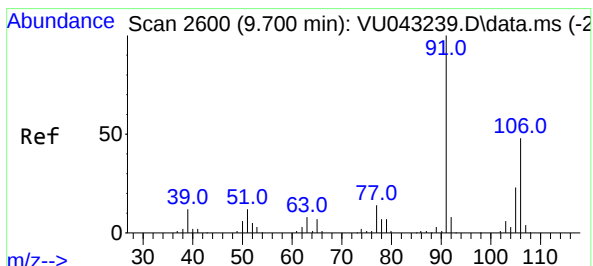
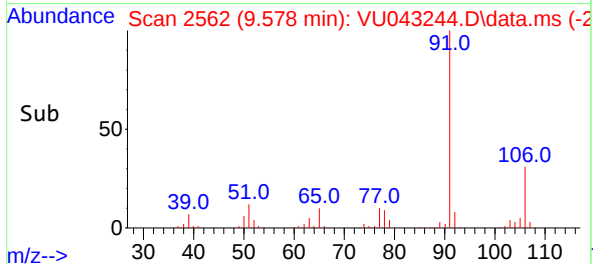
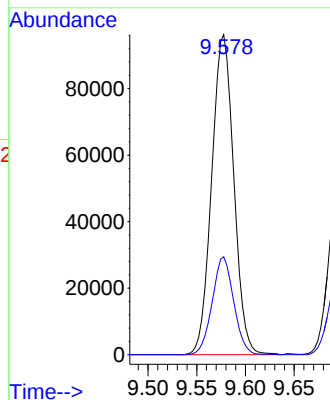
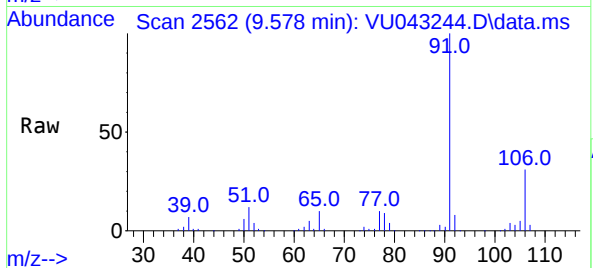
Acq: 21 Apr 2021 12:41

Tgt Ion: 91 Resp: 151939

Ion Ratio Lower Upper

91 100

106 30.6 22.0 40.8



#53

m,p-Xylene

Concen: 5.46 ug/L

RT: 9.700 min Scan# 2600

Delta R.T. -0.000 min

Lab File: VU043244.D

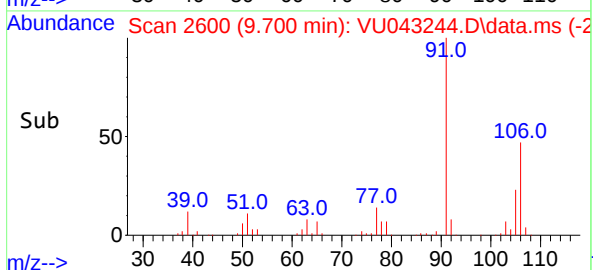
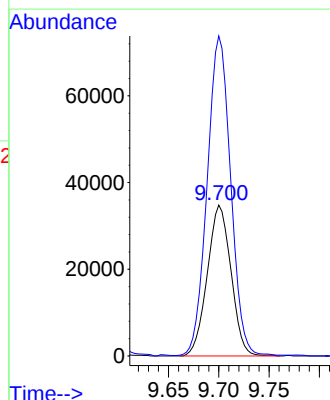
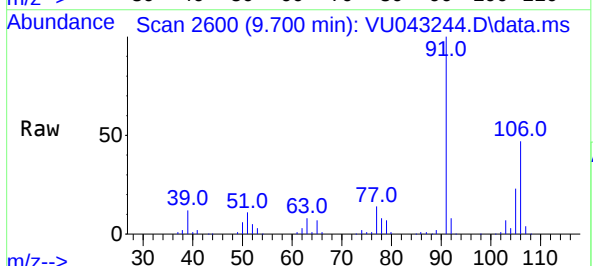
Acq: 21 Apr 2021 12:41

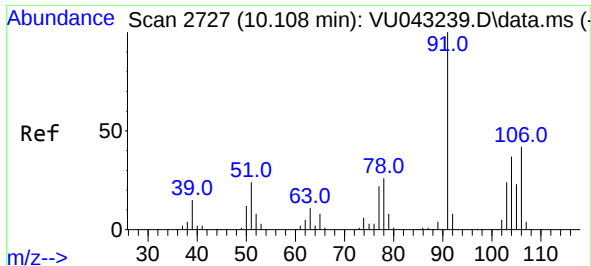
Tgt Ion: 106 Resp: 57017

Ion Ratio Lower Upper

106 100

91 212.2 137.6 255.6

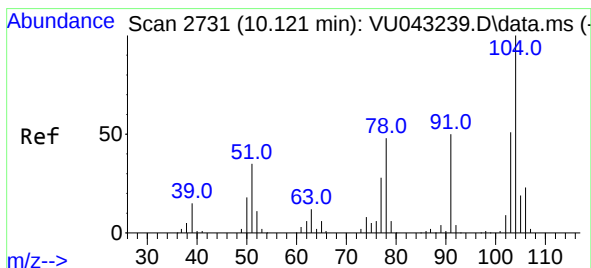
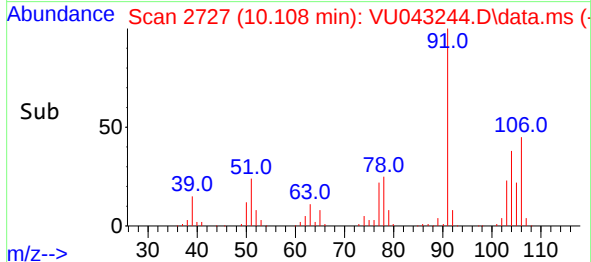
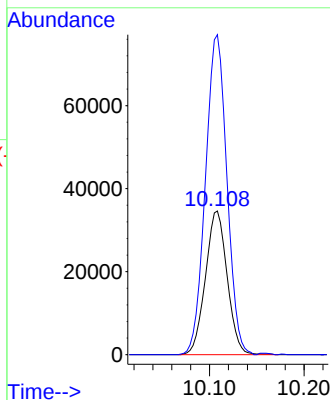
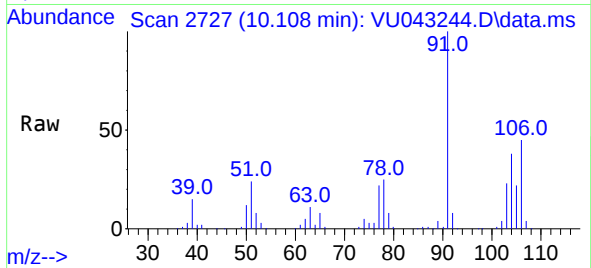




#54
o-Xylene
Concen: 5.35 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. -0.000 min
Lab File: VU043244.D
Acq: 21 Apr 2021 12:41

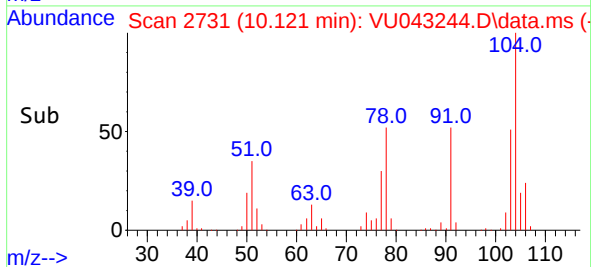
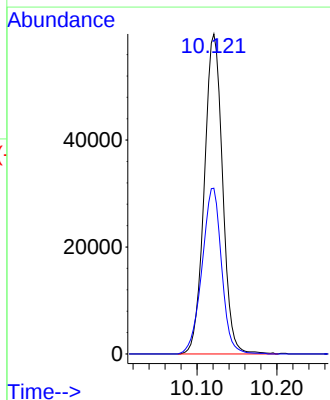
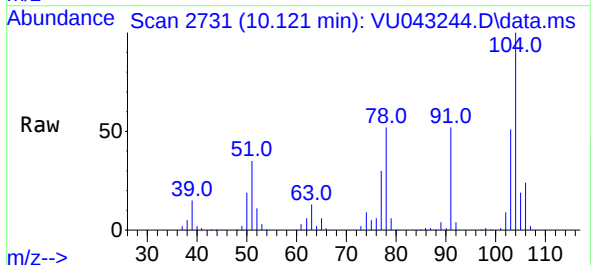
Instrument :
MSVOA_U
ClientSampleId :
H4536MSD

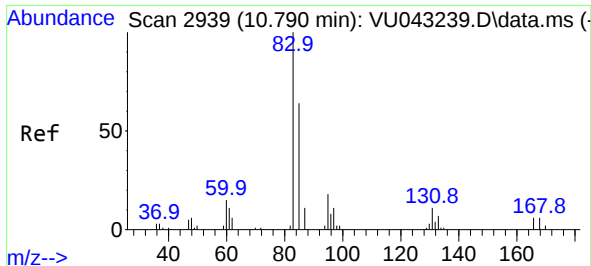
Tgt Ion:106 Resp: 55322
Ion Ratio Lower Upper
106 100
91 222.6 148.5 275.9



#55
Styrene
Concen: 5.37 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. -0.000 min
Lab File: VU043244.D
Acq: 21 Apr 2021 12:41

Tgt Ion:104 Resp: 95265
Ion Ratio Lower Upper
104 100
78 51.8 32.3 60.1

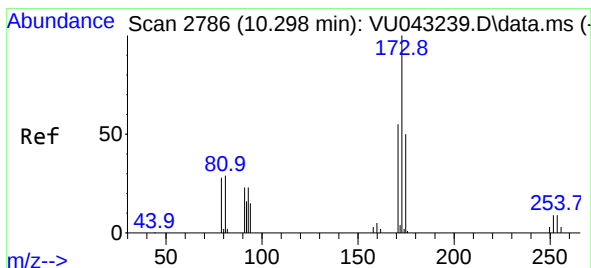
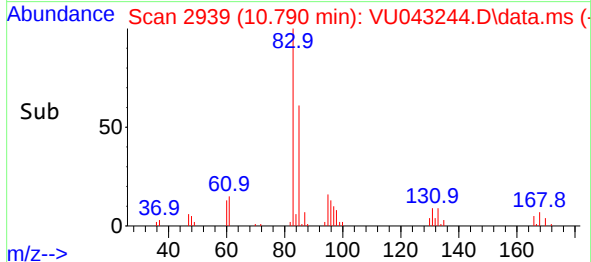
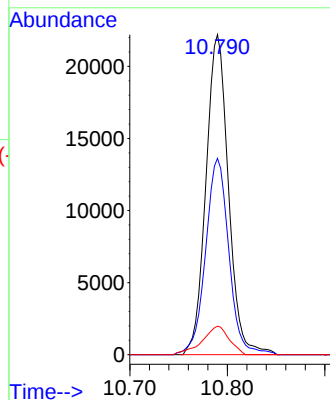
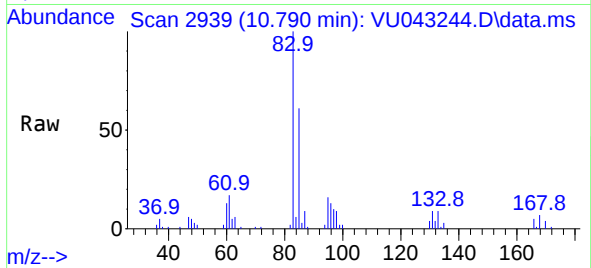




#57
1,1,2,2-Tetrachloroethane
Concen: 5.78 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. -0.000 min
Lab File: VU043244.D
Acq: 21 Apr 2021 12:41

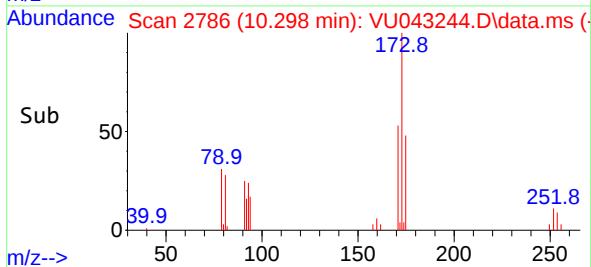
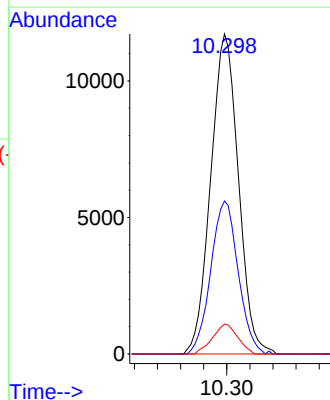
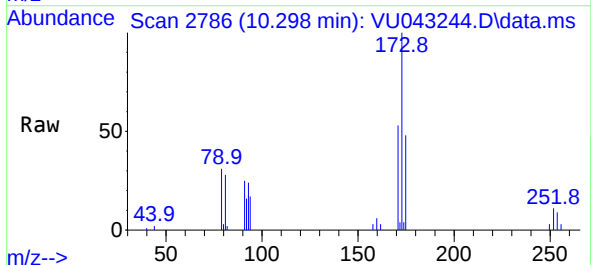
Instrument :
MSVOA_U
ClientSampleId :
H4536MSD

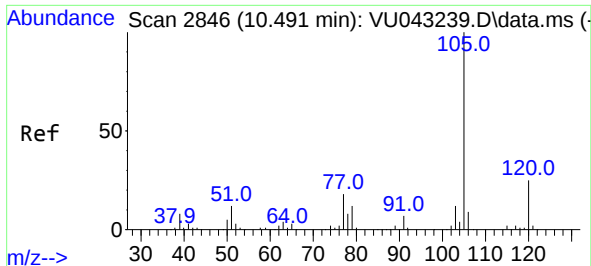
Tgt Ion:	83	Resp:	35654
Ion	Ratio	Lower	Upper
83	100		
85	61.3	44.9	83.5
131	8.9	8.2	12.4



#59
Bromoform
Concen: 5.36 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. -0.000 min
Lab File: VU043244.D
Acq: 21 Apr 2021 12:41

Tgt Ion:	173	Resp:	19482
Ion	Ratio	Lower	Upper
173	100		
175	47.3	39.4	59.0
254	8.4	8.0	12.0

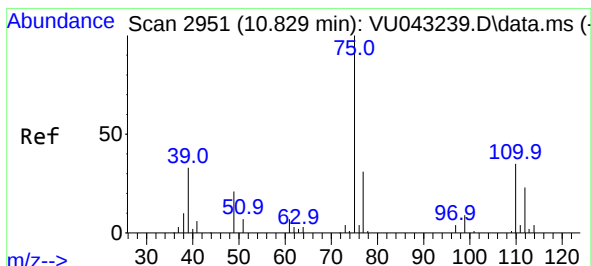
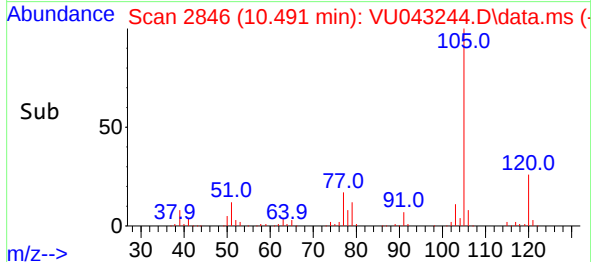
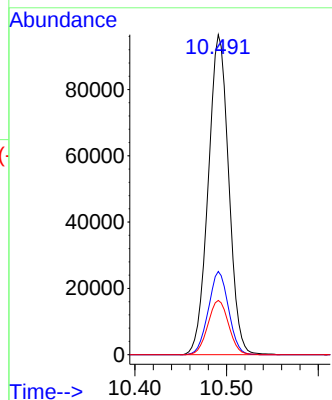
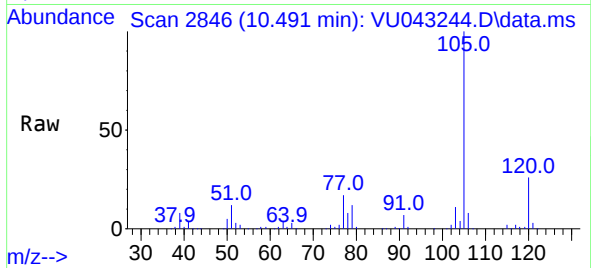




#60
Isopropylbenzene
Concen: 5.24 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. -0.000 min
Lab File: VU043244.D
Acq: 21 Apr 2021 12:41

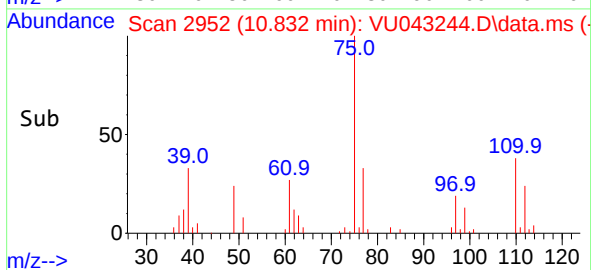
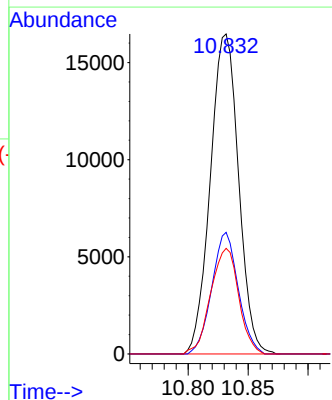
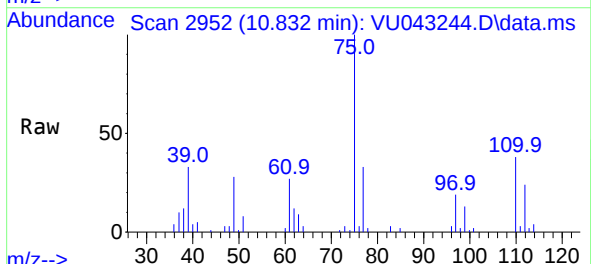
Instrument :
MSVOA_U
ClientSampleId :
H4536MSD

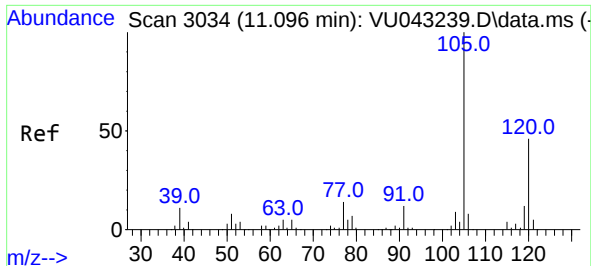
Tgt Ion:105 Resp: 149608
Ion Ratio Lower Upper
105 100
120 25.6 20.9 31.3
77 17.1 11.8 17.8



#61
1,2,3-Trichloropropane
Concen: 5.86 ug/L
RT: 10.832 min Scan# 2952
Delta R.T. 0.003 min
Lab File: VU043244.D
Acq: 21 Apr 2021 12:41

Tgt Ion: 75 Resp: 26956
Ion Ratio Lower Upper
75 100
110 35.6 31.5 47.3
77 32.7 26.3 39.5

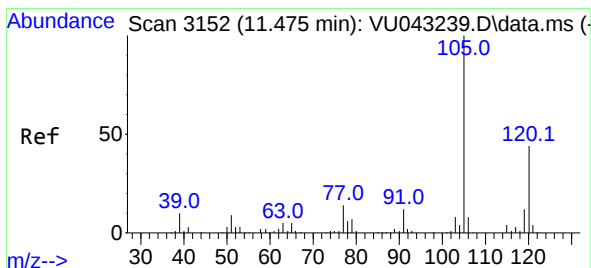
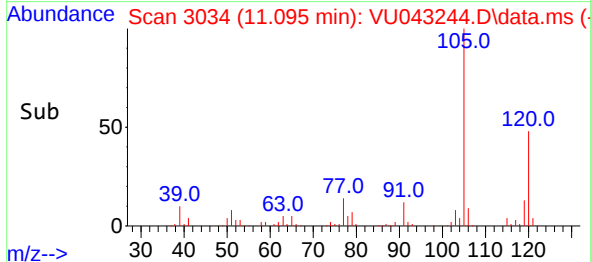
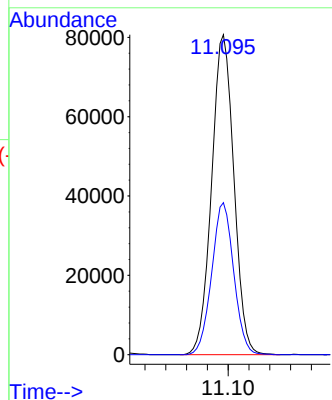
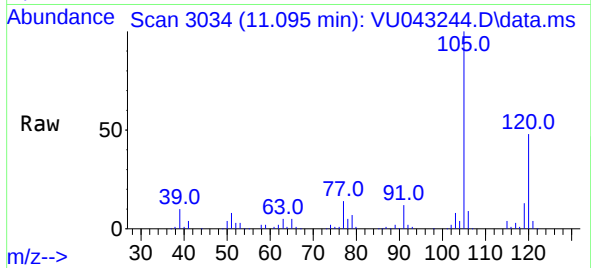




#62
1,3,5-Trimethylbenzene
Concen: 5.13 ug/L
RT: 11.095 min Scan# 3034
Delta R.T. -0.000 min
Lab File: VU043244.D
Acq: 21 Apr 2021 12:41

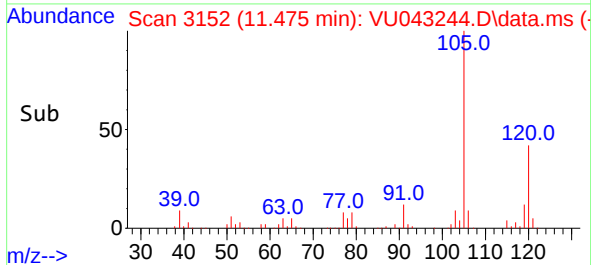
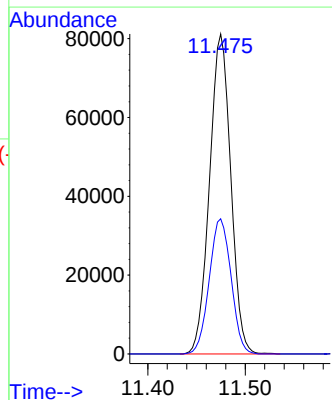
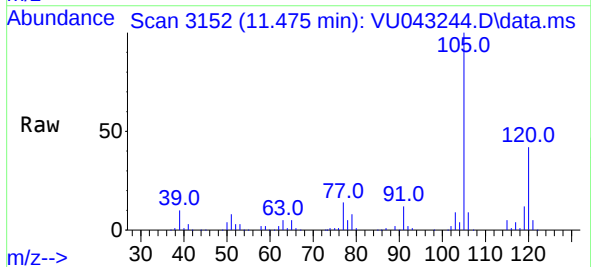
Instrument :
MSVOA_U
ClientSampleId :
H4536MSD

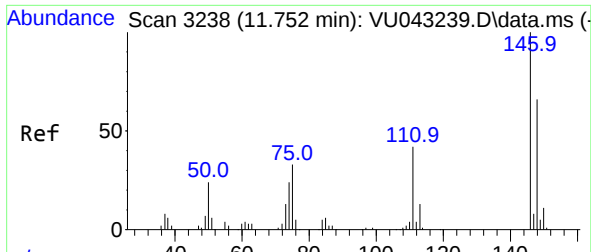
Tgt Ion:105 Resp: 119826
Ion Ratio Lower Upper
105 100
120 47.0 39.5 59.3



#63
1,2,4-Trimethylbenzene
Concen: 5.12 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VU043244.D
Acq: 21 Apr 2021 12:41

Tgt Ion:105 Resp: 123001
Ion Ratio Lower Upper
105 100
120 43.3 36.7 55.1

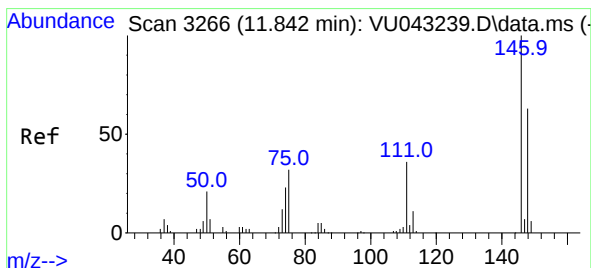
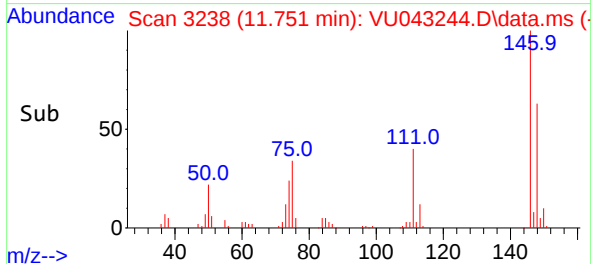
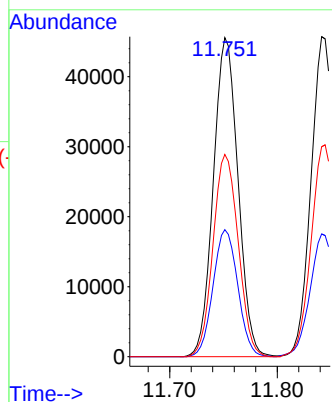
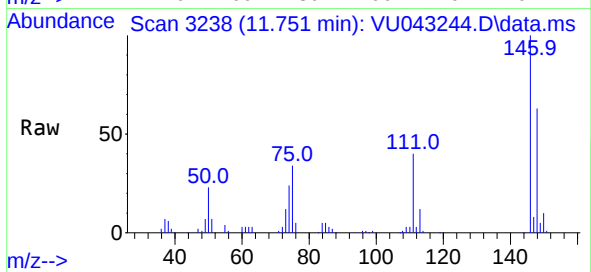




#64
1,3-Dichlorobenzene
Concen: 5.36 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. -0.000 min
Lab File: VU043244.D
Acq: 21 Apr 2021 12:41

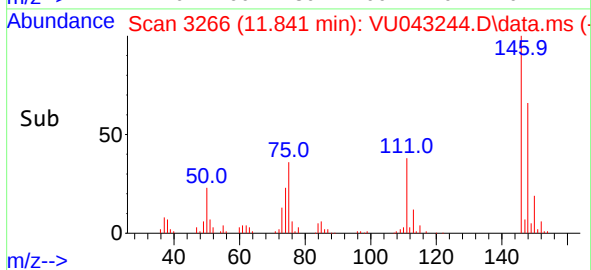
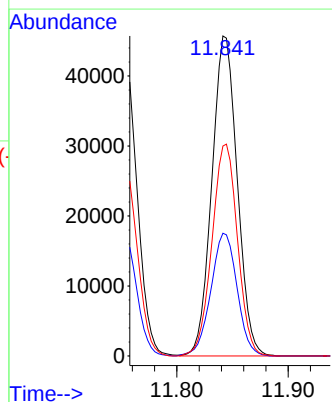
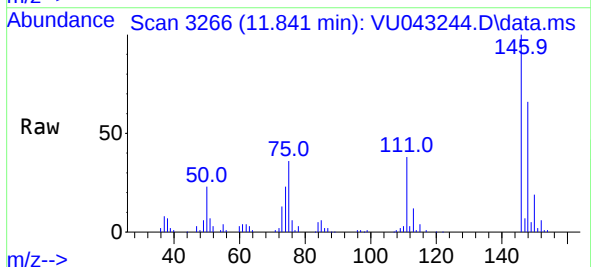
Instrument :
MSVOA_U
ClientSampleId :
H4536MSD

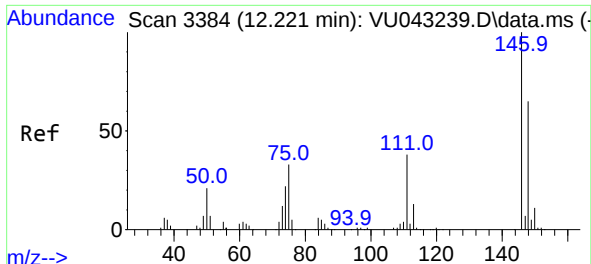
Tgt Ion:146 Resp: 72643
Ion Ratio Lower Upper
146 100
111 39.8 27.6 51.2
148 63.4 44.9 83.3



#65
1,4-Dichlorobenzene
Concen: 5.27 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. -0.000 min
Lab File: VU043244.D
Acq: 21 Apr 2021 12:41

Tgt Ion:146 Resp: 72396
Ion Ratio Lower Upper
146 100
111 38.4 26.7 49.5
148 65.6 43.9 81.5



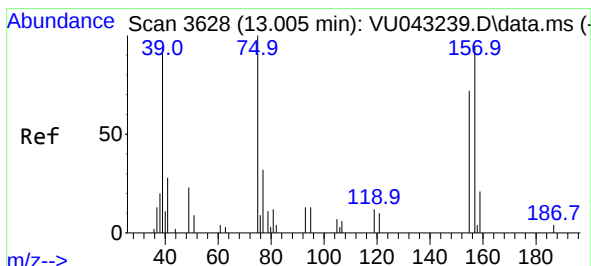
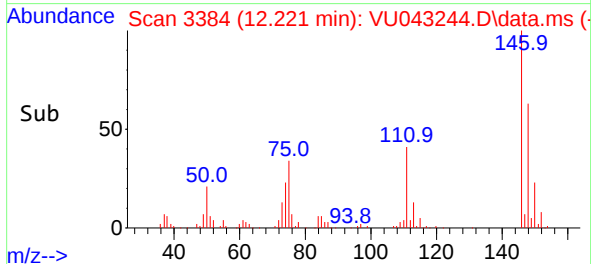
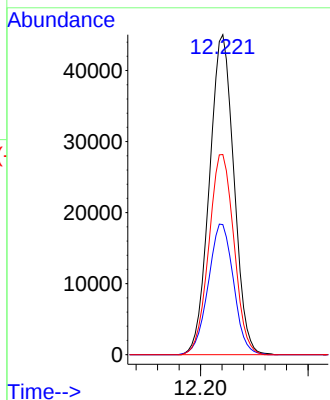
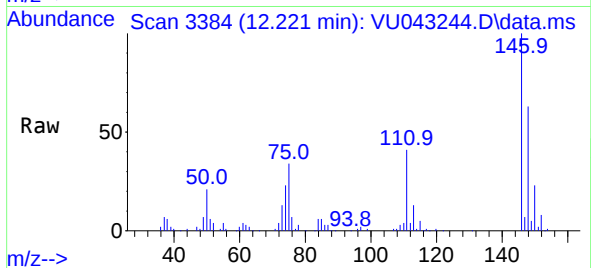


#67
1,2-Dichlorobenzene
Concen: 5.41 ug/L
RT: 12.221 min Scan# 3384
Delta R.T. -0.000 min
Lab File: VU043244.D
Acq: 21 Apr 2021 12:41

Instrument :
MSVOA_U
ClientSampleId :
H4536MSD

Tgt Ion:146 Resp: 71233

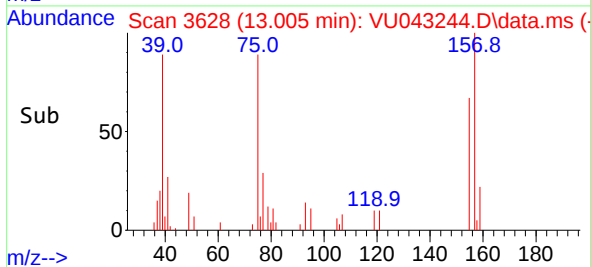
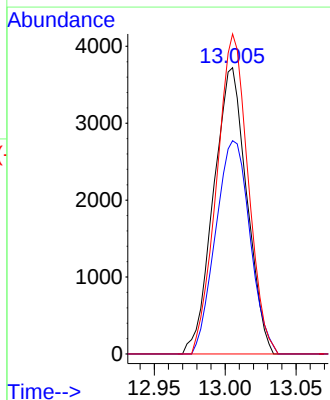
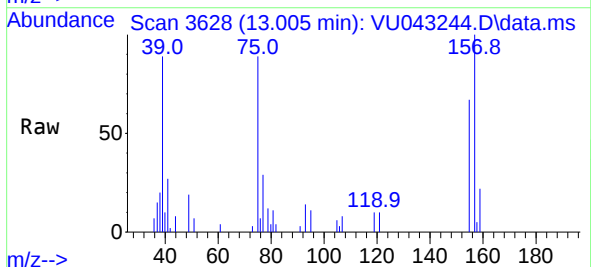
Ion	Ratio	Lower	Upper
146	100		
111	40.6	31.9	47.9
148	62.5	48.8	73.2

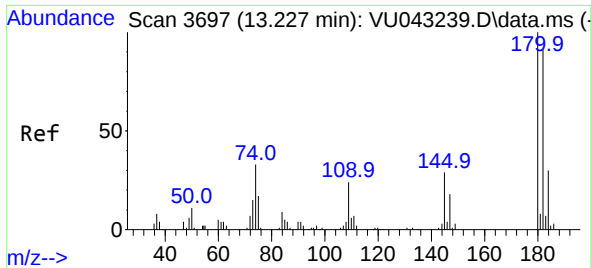


#68
1,2-Dibromo-3-chloropropane
Concen: 5.42 ug/L
RT: 13.005 min Scan# 3628
Delta R.T. -0.000 min
Lab File: VU043244.D
Acq: 21 Apr 2021 12:41

Tgt Ion: 75 Resp: 6065

Ion	Ratio	Lower	Upper
75	100		
155	74.5	67.8	101.8
157	111.8	82.4	123.6



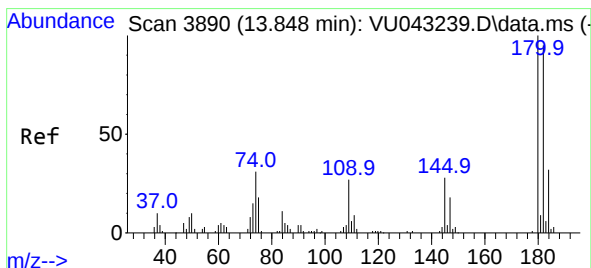
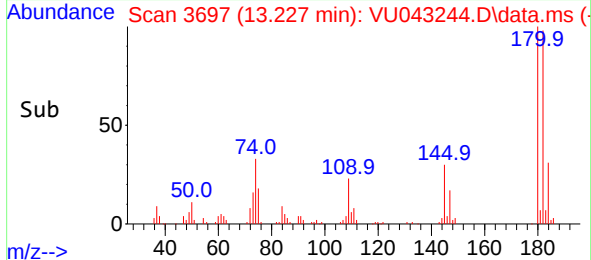
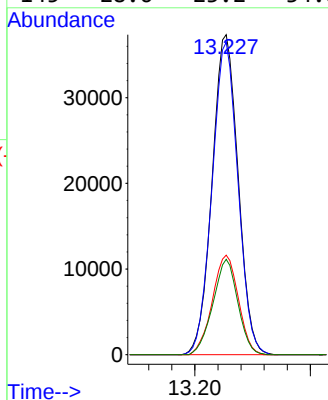
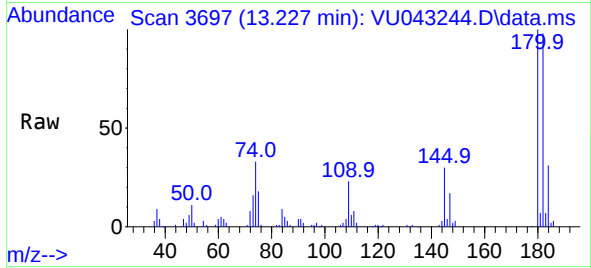


#69
1,3,5-Trichlorobenzene
Concen: 5.24 ug/L
RT: 13.227 min Scan# 3697
Delta R.T. -0.000 min
Lab File: VU043244.D
Acq: 21 Apr 2021 12:41

Instrument :
MSVOA_U
ClientSampleId :
H4536MSD

Tgt Ion:180 Resp: 58275

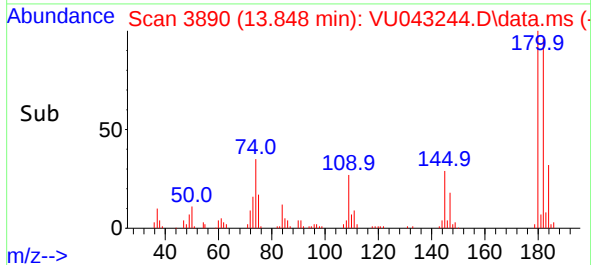
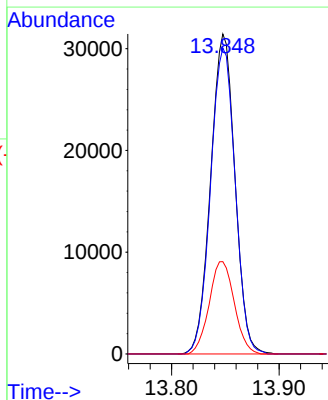
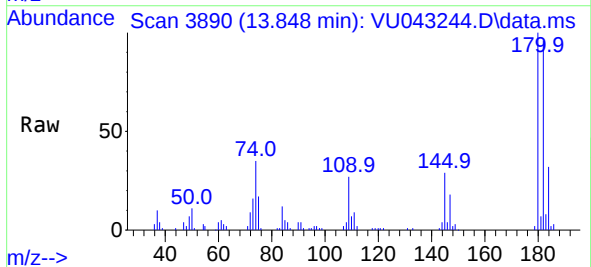
Ion	Ratio	Lower	Upper
180	100		
182	97.0	76.1	114.1
184	31.1	24.0	36.0
145	28.6	23.2	34.8

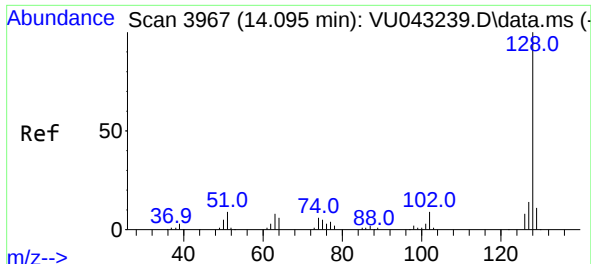


#70
1,2,4-trichlorobenzene
Concen: 5.34 ug/L
RT: 13.848 min Scan# 3890
Delta R.T. -0.000 min
Lab File: VU043244.D
Acq: 21 Apr 2021 12:41

Tgt Ion:180 Resp: 49190

Ion	Ratio	Lower	Upper
180	100		
182	96.8	76.5	114.7
145	29.9	24.1	36.1



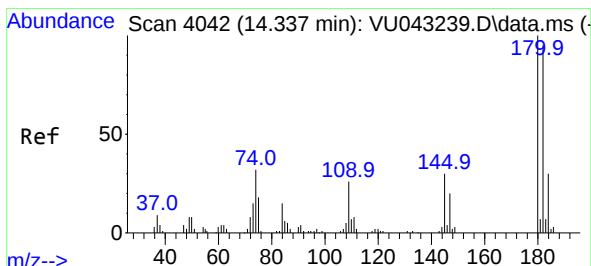
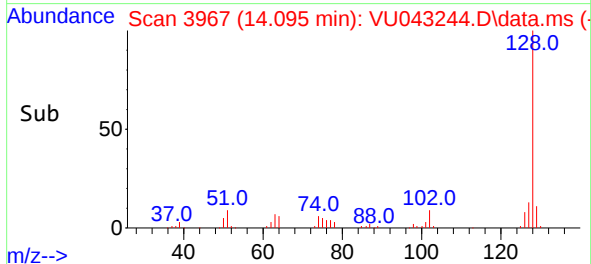
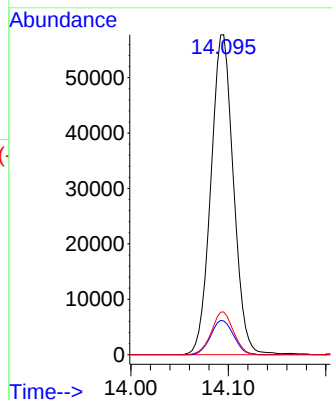
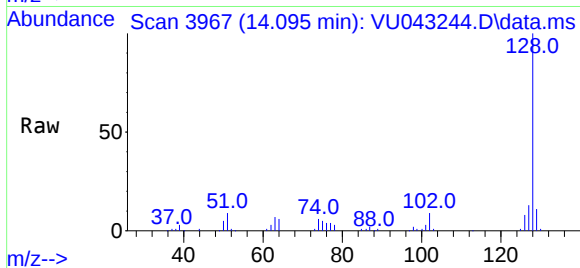


#71
Naphthalene
Concen: 5.98 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. -0.000 min
Lab File: VU043244.D
Acq: 21 Apr 2021 12:41

Instrument :
MSVOA_U
ClientSampleId :
H4536MSD

Tgt Ion:128 Resp: 92831

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.6	12.8
127	13.1	10.6	15.8



#72
1,2,3-Trichlorobenzene
Concen: 5.72 ug/L
RT: 14.336 min Scan# 4042
Delta R.T. -0.000 min
Lab File: VU043244.D
Acq: 21 Apr 2021 12:41

Tgt Ion:180 Resp: 48308

Ion	Ratio	Lower	Upper
180	100		
182	96.6	75.8	113.8
145	31.6	25.0	37.4

