

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042121\
 Data File : VU043243.D
 Acq On : 21 Apr 2021 12:17
 Operator : SY/MD
 Sample : M2057-20MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4536MS

Quant Time: Apr 22 04:41:57 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	97531	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	99532	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	53588	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	17765	3.58	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.60%
7) Chloroethane-d5	1.919	69	16973	3.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.60%
11) 1,1-Dichloroethene-d2	2.575	65	11820	4.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.40%
20) 2-Butanone-d5	4.658	46	112944	51.92	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.84%
24) Chloroform-d	5.073	84	56897	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.20%
26) 1,2-Dichloroethane-d4	5.713	65	35585	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.40%
32) Benzene-d6	5.735	84	97953	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.60%
36) 1,2-Dichloropropane-d6	6.700	67	33671	4.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.60%
41) Toluene-d8	7.906	98	93964	3.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.00%
43) trans-1,3-Dichloroprop...	8.186	79	13918	4.10	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.00%
46) 2-Hexanone-d5	8.642	63	67511	39.88	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.76%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	31358	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.80%
66) 1,2-Dichlorobenzene-d4	12.198	152	37760	4.11	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.20%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	16273	2.60	ug/L	97
3) Chloromethane	1.523	50	22118	3.59	ug/L	97
5) Vinyl chloride	1.607	62	25083	3.91	ug/L	99
6) Bromomethane	1.864	94	15250	3.99	ug/L	98
8) Chloroethane	1.938	64	18640	4.04	ug/L	88
9) Trichlorofluoromethane	2.144	101	49725	4.16	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	29552	4.59	ug/L	94
12) 1,1-Dichloroethene	2.588	96	27639	5.10	ug/L	87
13) Acetone	2.681	43	87763	54.91	ug/L	# 68
14) Carbon disulfide	2.800	76	85292	6.17	ug/L	99
15) Methyl Acetate	2.970	43	18456	6.14	ug/L	# 79
16) Methylene chloride	3.054	84	32253	4.60	ug/L	82
17) Methyl tert-butyl Ether	3.375	73	80896	4.56	ug/L	# 91
18) trans-1,2-Dichloroethene	3.363	96	30096	5.21	ug/L	90
19) 1,1-Dichloroethane	3.880	63	63261	5.03	ug/L	93
21) 2-Butanone	4.736	43	144413	54.75	ug/L	81
22) cis-1,2-Dichloroethene	4.678	96	36814	5.38	ug/L	90
23) Bromochloromethane	4.986	128	16534	5.30	ug/L	# 73
25) Chloroform	5.099	83	65562	4.88	ug/L	95

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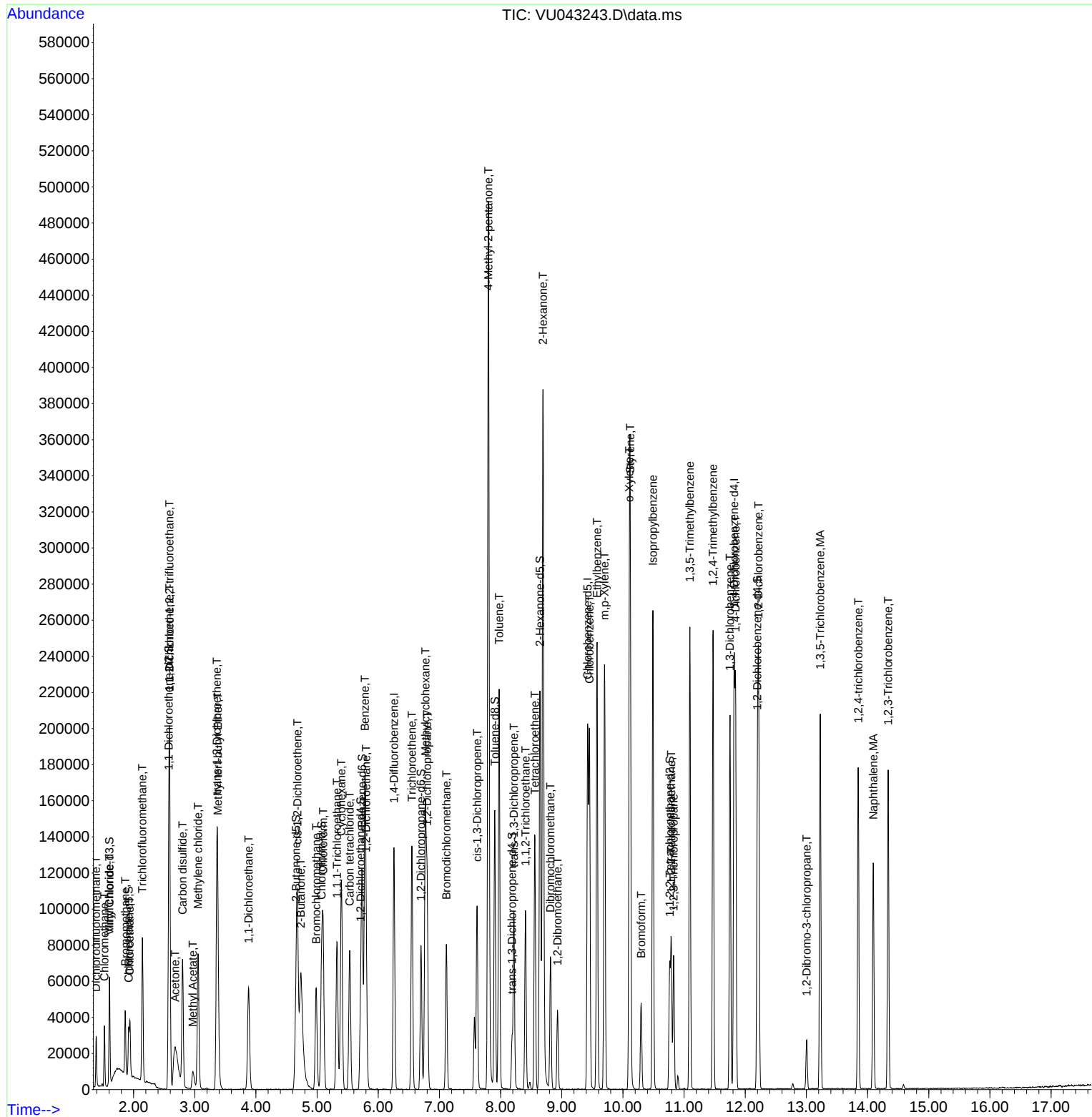
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	52140	5.30	ug/L #	93
29) 1,1,1-Trichloroethane	5.327	97	58120	4.73	ug/L	94
30) Cyclohexane	5.398	56	52922	5.03	ug/L	85
31) Carbon tetrachloride	5.533	117	49416	4.82	ug/L	99
33) Benzene	5.784	78	133047	5.00	ug/L	100
34) Trichloroethene	6.549	95	42579	5.81	ug/L	96
35) Methylcyclohexane	6.771	83	52461	5.17	ug/L	89
37) 1,2-Dichloropropane	6.800	63	38127	5.09	ug/L #	96
38) Bromodichloromethane	7.115	83	49326	4.90	ug/L	98
39) cis-1,3-Dichloropropene	7.616	75	51746	4.73	ug/L	98
40) 4-Methyl-2-pentanone	7.800	43	347747	51.88	ug/L #	83
42) Toluene	7.977	91	148766	5.00	ug/L	96
44) trans-1,3-Dichloropropene	8.218	75	47432	4.60	ug/L	99
45) 1,1,2-Trichloroethane	8.407	97	26950	4.81	ug/L	94
47) Tetrachloroethene	8.562	164	29853	5.14	ug/L	88
48) 2-Hexanone	8.694	43	270566	54.85	ug/L #	82
49) Dibromochloromethane	8.816	129	35101	4.97	ug/L	96
50) 1,2-Dibromoethane	8.931	107	26690	4.79	ug/L #	99
51) Chlorobenzene	9.452	112	90287	4.76	ug/L	92
52) Ethylbenzene	9.578	91	159298	4.68	ug/L	98
53) m,p-Xylene	9.700	106	61610	4.95	ug/L	96
54) o-Xylene	10.105	106	57194	4.64	ug/L	89
55) Styrene	10.121	104	99929	4.73	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.790	83	36281	4.93	ug/L	100
59) Bromoform	10.298	173	20375	4.65	ug/L	98
60) Isopropylbenzene	10.491	105	156069	4.54	ug/L #	97
61) 1,2,3-Trichloropropane	10.829	75	28317	5.11	ug/L	96
62) 1,3,5-Trimethylbenzene	11.095	105	128525	4.57	ug/L	95
63) 1,2,4-Trimethylbenzene	11.475	105	130111	4.50	ug/L	98
64) 1,3-Dichlorobenzene	11.751	146	76437	4.68	ug/L	98
65) 1,4-Dichlorobenzene	11.841	146	76758	4.64	ug/L	98
67) 1,2-Dichlorobenzene	12.218	146	73859	4.66	ug/L	97
68) 1,2-Dibromo-3-chloropr...	13.002	75	6830	5.07	ug/L	84
69) 1,3,5-Trichlorobenzene	13.227	180	62151	4.64	ug/L	98
70) 1,2,4-trichlorobenzene	13.848	180	52288	4.72	ug/L	99
71) Naphthalene	14.095	128	94350	5.05	ug/L	99
72) 1,2,3-Trichlorobenzene	14.336	180	50694	4.99	ug/L	99

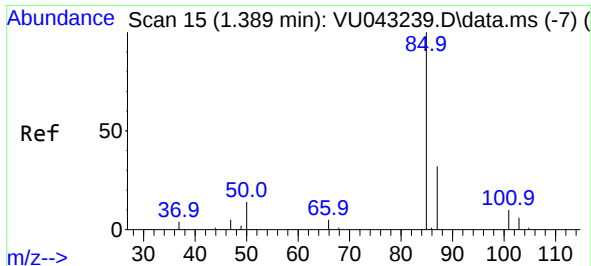
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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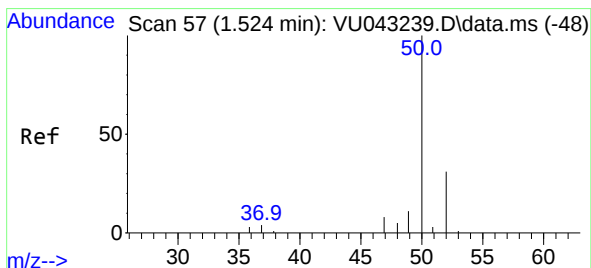
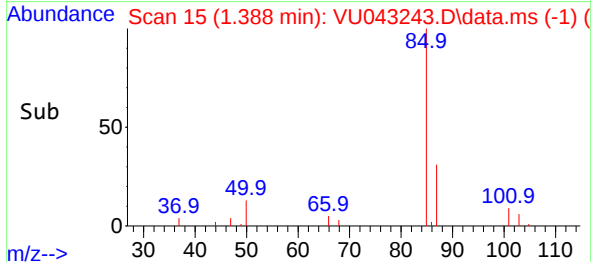
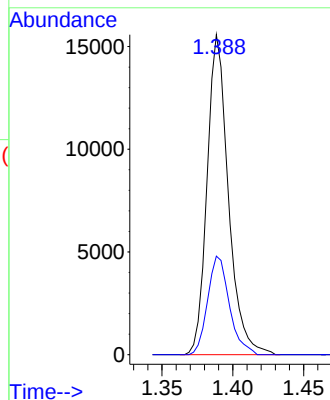
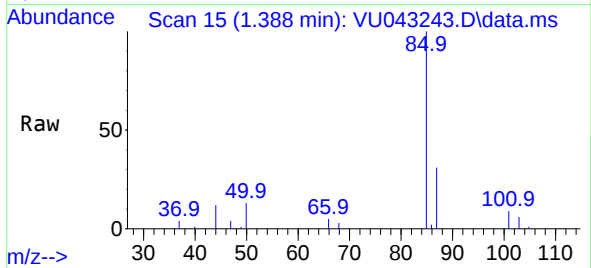




#2
Dichlorodifluoromethane
Concen: 2.60 ug/L
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU043243.D
Acq: 21 Apr 2021 12:17

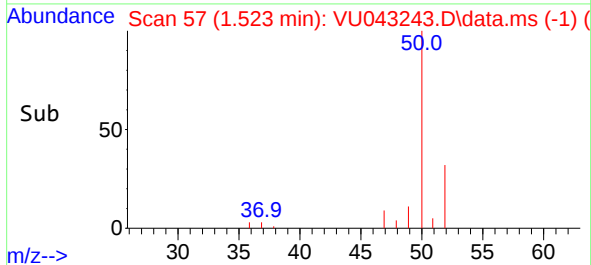
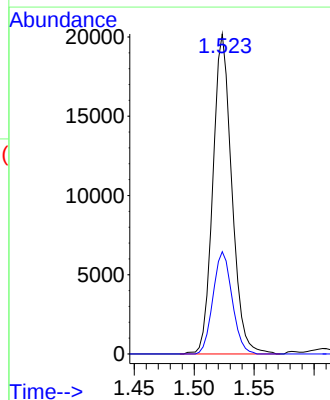
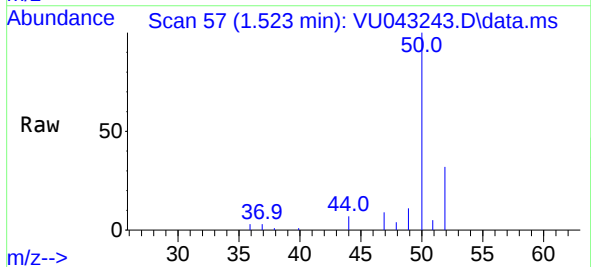
Instrument :
MSVOA_U
ClientSampleId :
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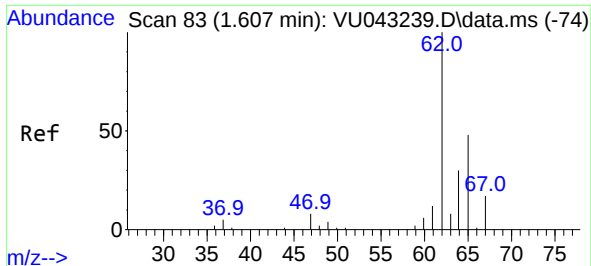
Tgt Ion: 85 Resp: 16273
Ion Ratio Lower Upper
85 100
87 31.4 26.3 39.5



#3
Chloromethane
Concen: 3.59 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU043243.D
Acq: 21 Apr 2021 12:17

Tgt Ion: 50 Resp: 22118
Ion Ratio Lower Upper
50 100
52 31.9 23.6 43.8

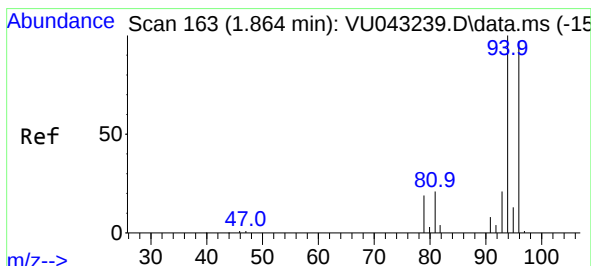
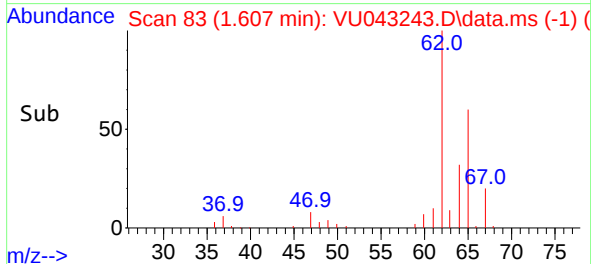
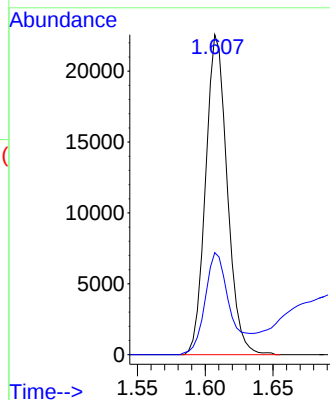
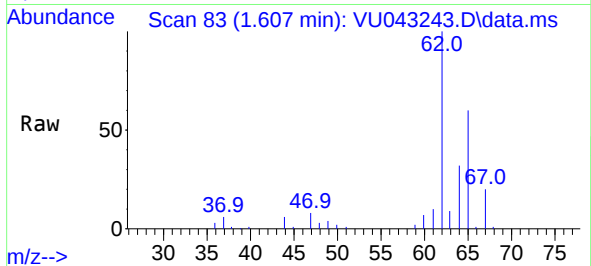




#5
 Vinyl chloride
 Concen: 3.91 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU043243.D
 Acq: 21 Apr 2021 12:17

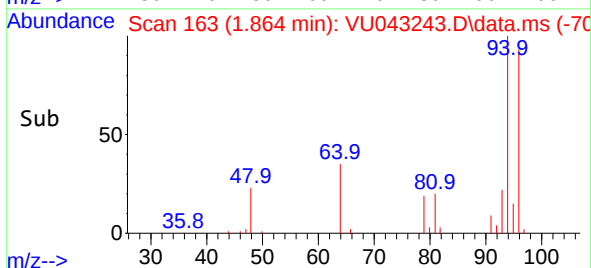
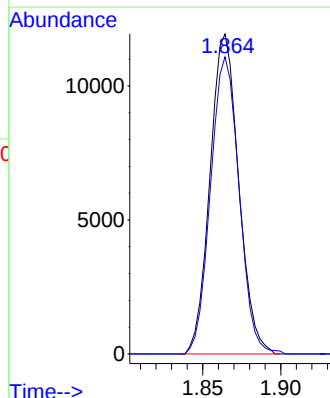
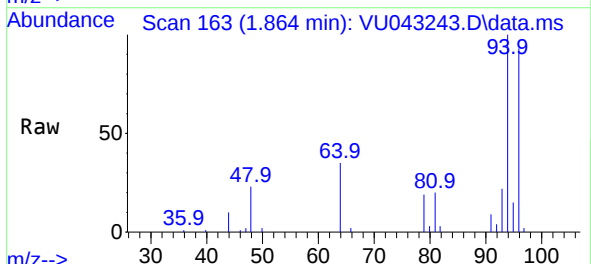
Instrument :
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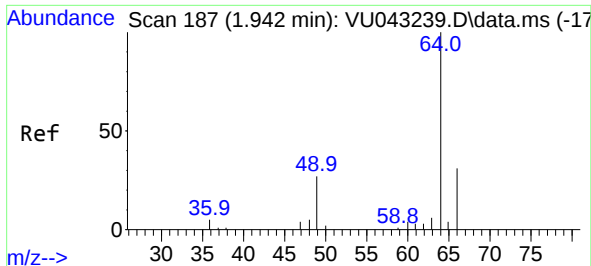
Tgt Ion: 62 Resp: 25083
 Ion Ratio Lower Upper
 62 100
 64 31.9 22.8 42.4



#6
 Bromomethane
 Concen: 3.99 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. -0.000 min
 Lab File: VU043243.D
 Acq: 21 Apr 2021 12:17

Tgt Ion: 94 Resp: 15250
 Ion Ratio Lower Upper
 94 100
 96 92.8 66.1 122.7

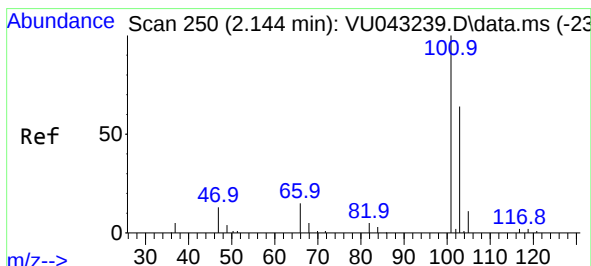
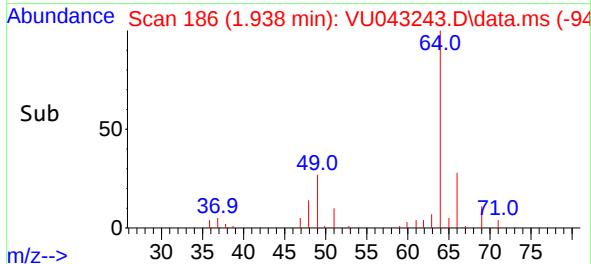
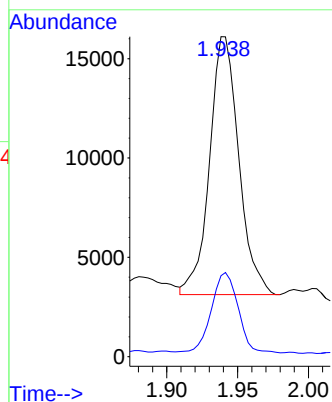
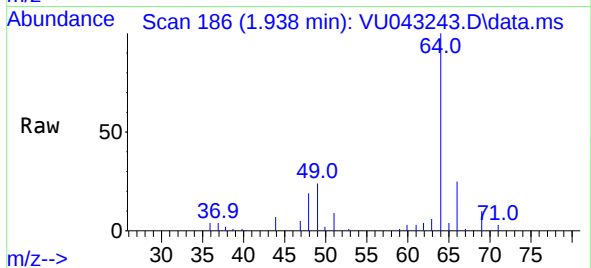




#8
Chloroethane
Concen: 4.04 ug/L
RT: 1.938 min Scan# 186
Delta R.T. -0.003 min
Lab File: VU043243.D
Acq: 21 Apr 2021 12:17

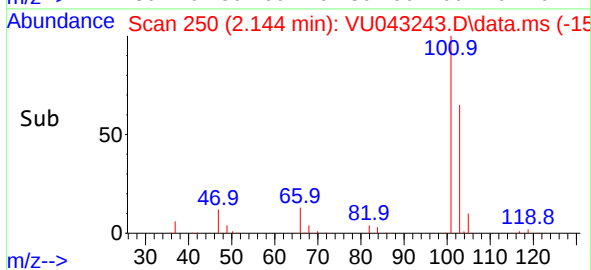
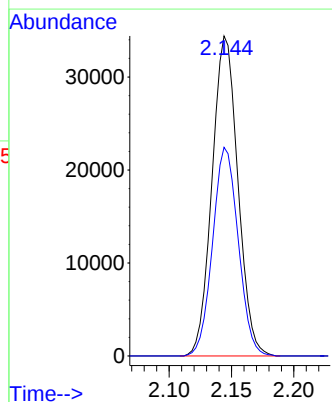
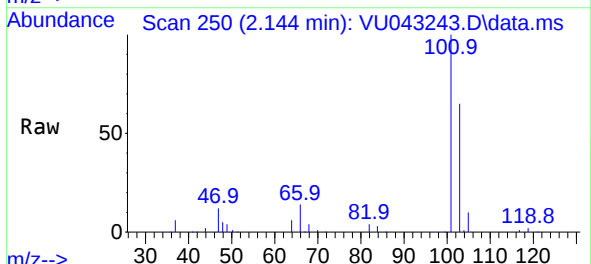
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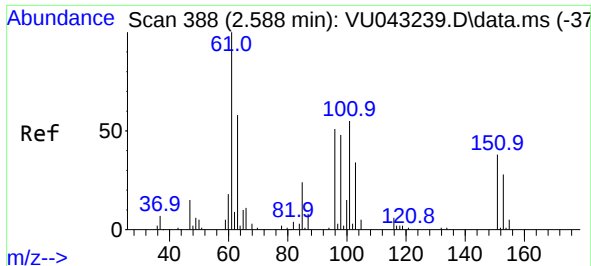
Tgt Ion: 64 Resp: 18640
Ion Ratio Lower Upper
64 100
66 25.3 22.4 41.6



#9
Trichlorofluoromethane
Concen: 4.16 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU043243.D
Acq: 21 Apr 2021 12:17

Tgt Ion:101 Resp: 49725
Ion Ratio Lower Upper
101 100
103 64.5 51.5 77.3

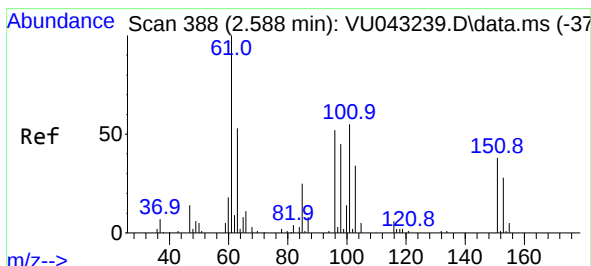
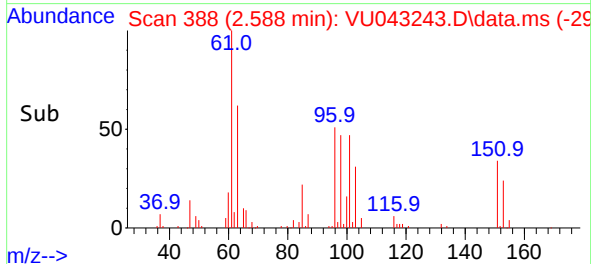
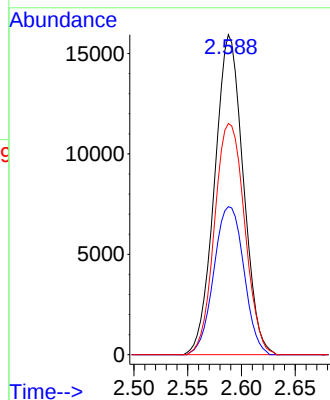
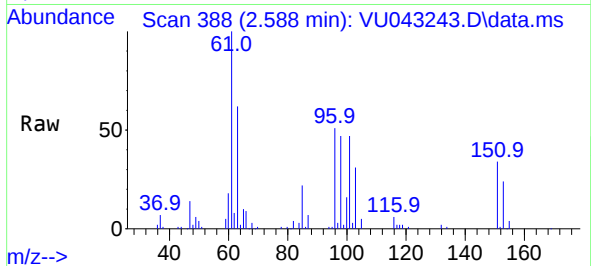




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.59 ug/L
RT: 2.588 min Scan# 388
Delta R.T. -0.000 min
Lab File: VU043243.D
Acq: 21 Apr 2021 12:17

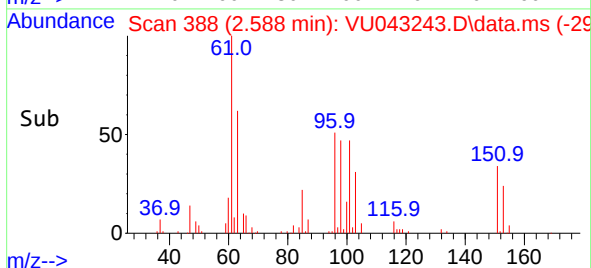
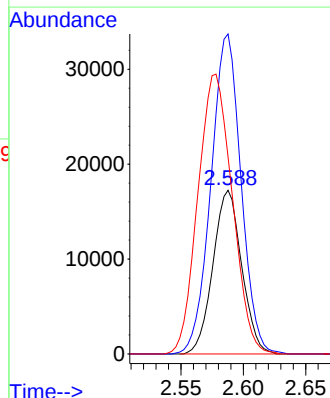
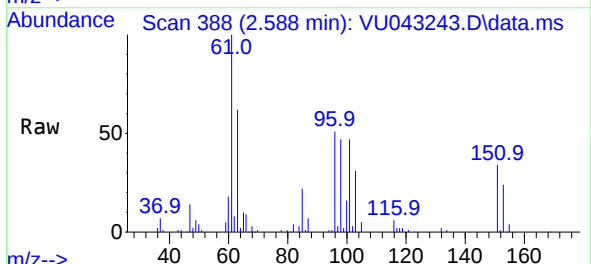
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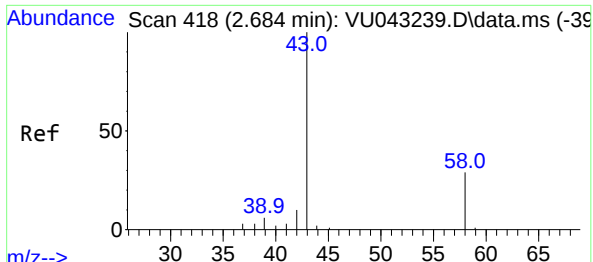
Tgt Ion:101 Resp: 29552
Ion Ratio Lower Upper
101 100
85 48.6 34.5 51.7
151 76.1 57.4 86.2



#12
1,1-Dichloroethene
Concen: 5.10 ug/L
RT: 2.588 min Scan# 388
Delta R.T. -0.000 min
Lab File: VU043243.D
Acq: 21 Apr 2021 12:17

Tgt Ion: 96 Resp: 27639
Ion Ratio Lower Upper
96 100
61 195.4 115.1 213.7
63 120.4 84.1 156.1

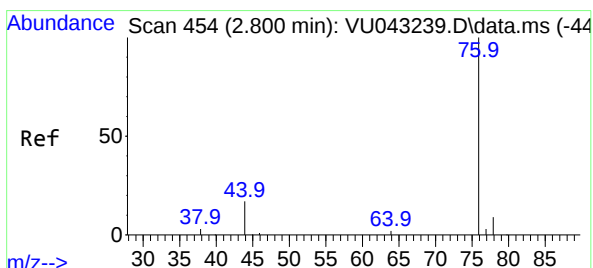
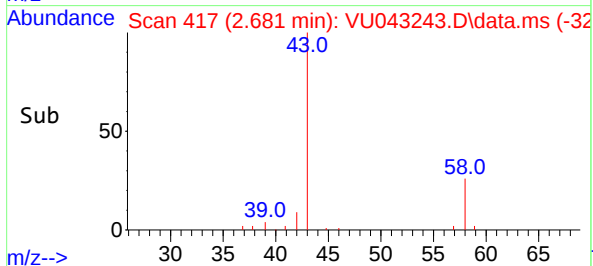
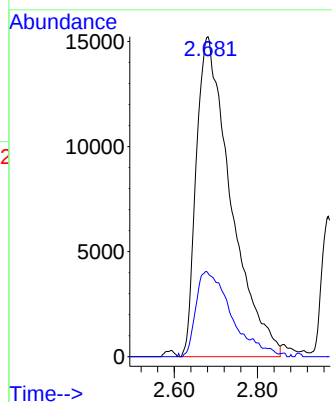
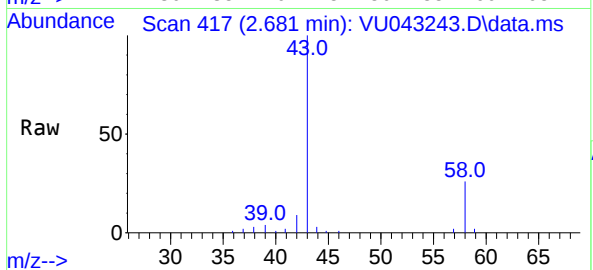




#13
Acetone
Concen: 54.91 ug/L
RT: 2.681 min Scan# 417
Delta R.T. -0.003 min
Lab File: VU043243.D
Acq: 21 Apr 2021 12:17

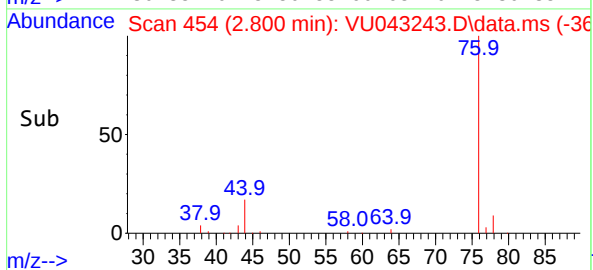
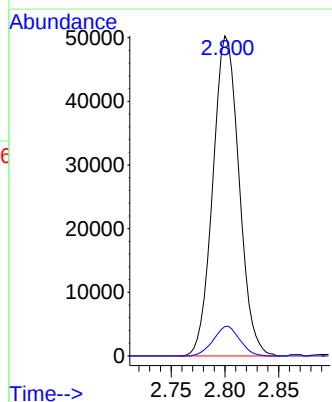
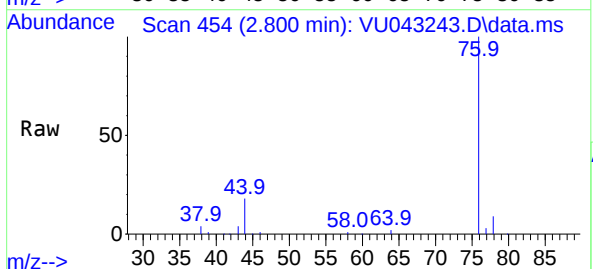
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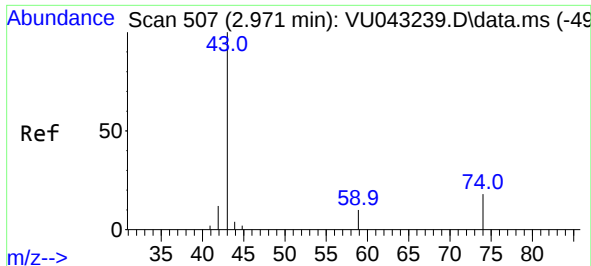
Tgt Ion: 43 Resp: 87763
Ion Ratio Lower Upper
43 100
58 25.1 0.0 25.0#



#14
Carbon disulfide
Concen: 6.17 ug/L
RT: 2.800 min Scan# 454
Delta R.T. -0.000 min
Lab File: VU043243.D
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Tgt Ion: 76 Resp: 85292
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3

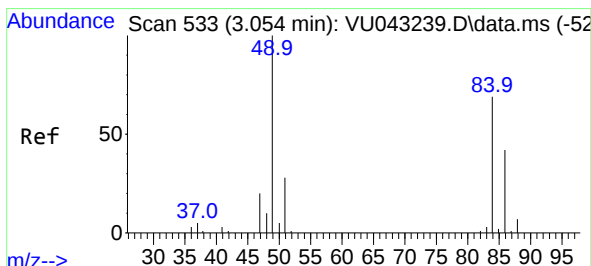
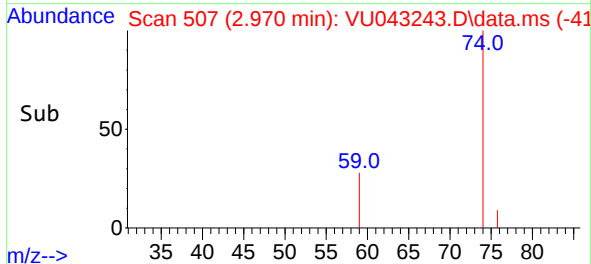
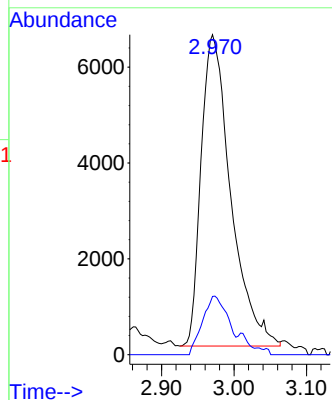
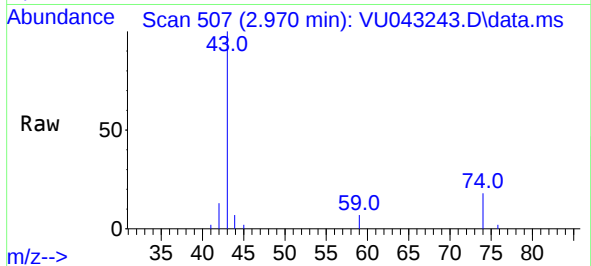




#15
Methyl Acetate
Concen: 6.14 ug/L
RT: 2.970 min Scan# 507
Delta R.T. -0.000 min
Lab File: VU043243.D
Acq: 21 Apr 2021 12:17

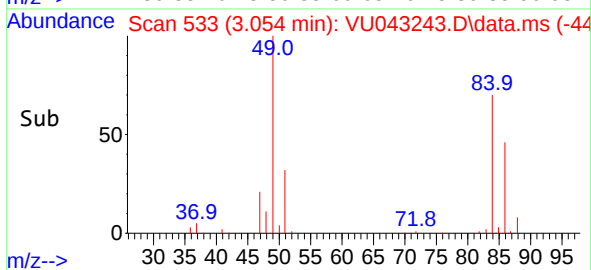
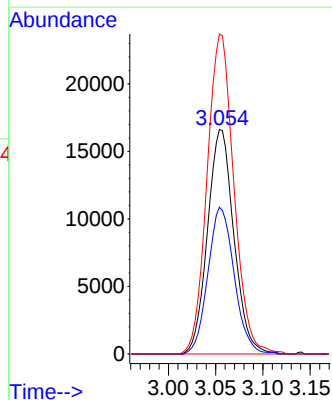
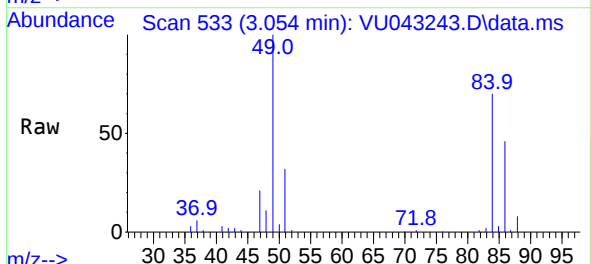
Instrument :
MSVOA_U
ClientSampleId :
H4536MS

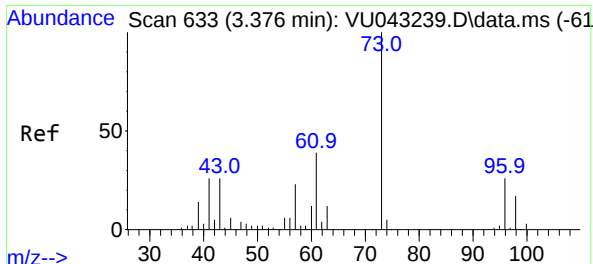
Tgt Ion: 43 Resp: 18456
Ion Ratio Lower Upper
43 100
74 15.9 21.5 32.3#



#16
Methylene chloride
Concen: 4.60 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU043243.D
Acq: 21 Apr 2021 12:17

Tgt Ion: 84 Resp: 32253
Ion Ratio Lower Upper
84 100
86 65.4 44.9 83.5
49 142.5 79.0 146.8



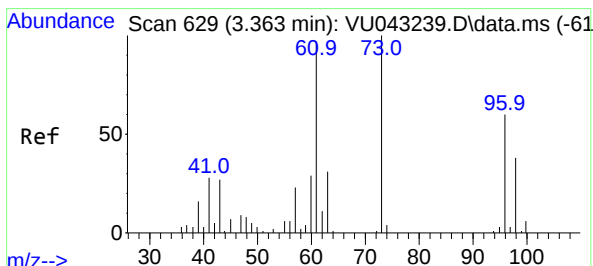
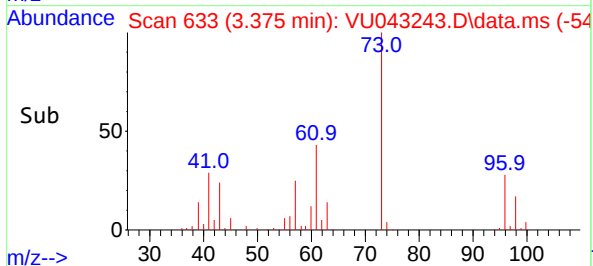
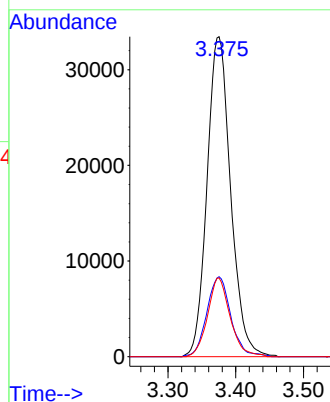
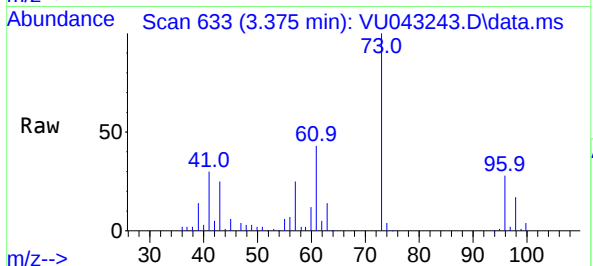


#17

Methyl tert-butyl Ether
 Concen: 4.56 ug/L
 RT: 3.375 min Scan# 633
 Delta R.T. -0.000 min
 Lab File: VU043243.D
 Acq: 21 Apr 2021 12:17

Instrument :
 MSVOA_U
 ClientSampleId :
 H4536MS

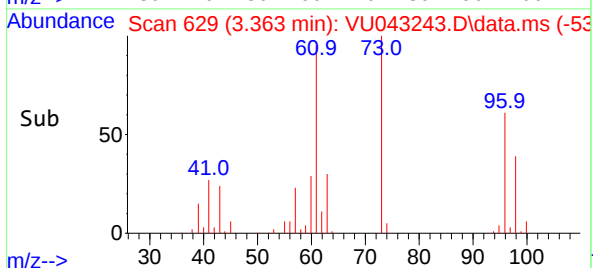
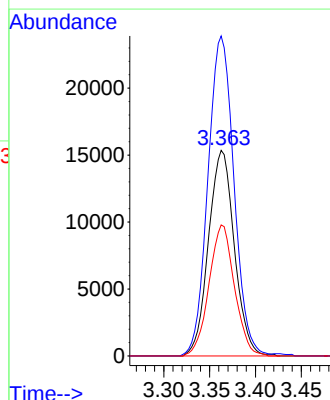
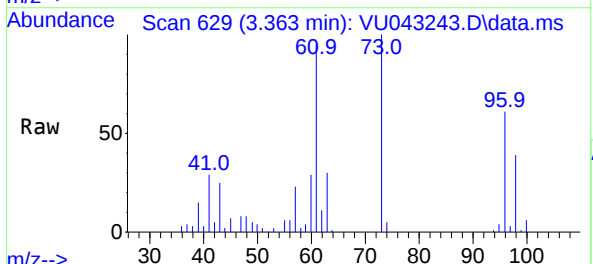
Tgt Ion: 73	Resp: 80896
Ion Ratio	Lower Upper
73 100	
43 25.4	15.0 22.4#
57 23.6	17.3 25.9

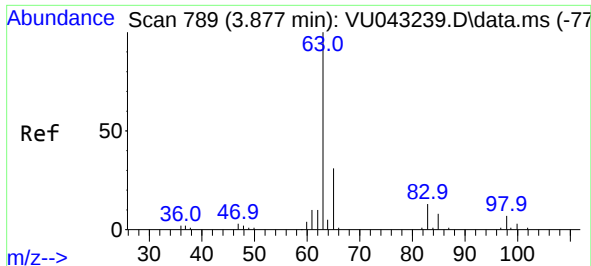


#18

trans-1,2-Dichloroethene
 Concen: 5.21 ug/L
 RT: 3.363 min Scan# 629
 Delta R.T. -0.000 min
 Lab File: VU043243.D
 Acq: 21 Apr 2021 12:17

Tgt Ion: 96	Resp: 30096
Ion Ratio	Lower Upper
96 100	
61 155.6	96.6 179.4
98 63.7	44.7 82.9

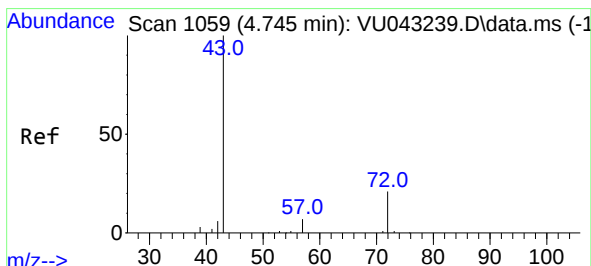
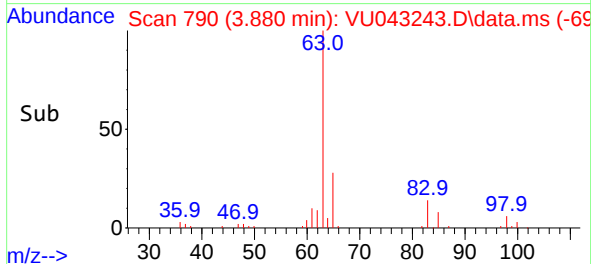
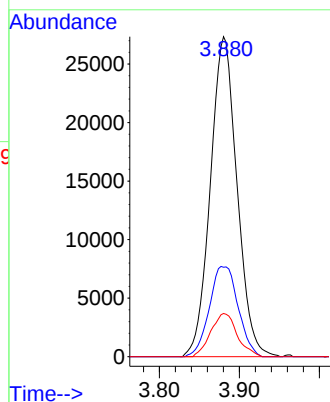
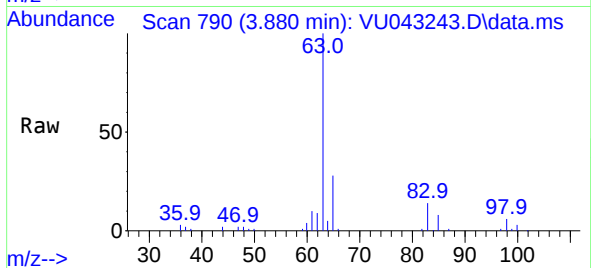




#19
1,1-Dichloroethane
Concen: 5.03 ug/L
RT: 3.880 min Scan# 790
Delta R.T. 0.003 min
Lab File: VU043243.D
Acq: 21 Apr 2021 12:17

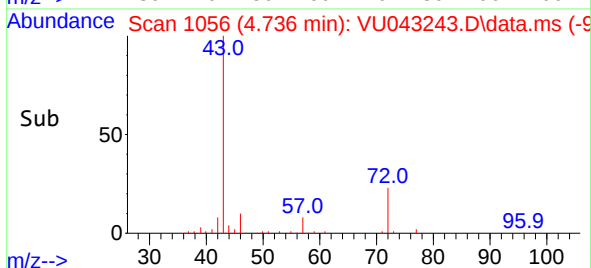
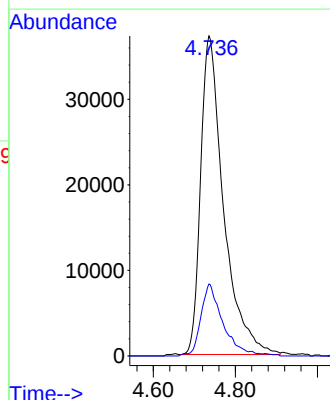
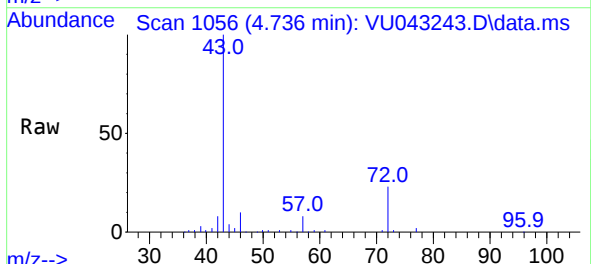
Instrument :
MSVOA_U
ClientSampleId :
H4536MS

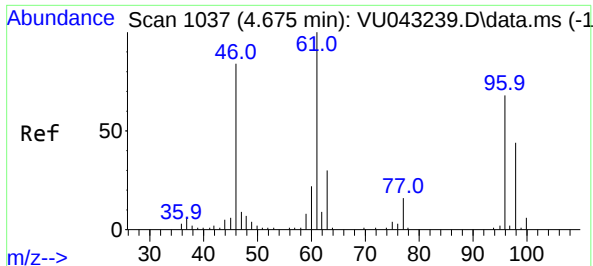
Tgt Ion:	63	Resp:	63261
Ion	Ratio	Lower	Upper
63	100		
65	27.9	23.2	43.0
83	13.5	9.9	18.3



#21
2-Butanone
Concen: 54.75 ug/L
RT: 4.736 min Scan# 1056
Delta R.T. -0.010 min
Lab File: VU043243.D
Acq: 21 Apr 2021 12:17

Tgt Ion:	43	Resp:	144413
Ion	Ratio	Lower	Upper
43	100		
72	21.1	15.8	47.3



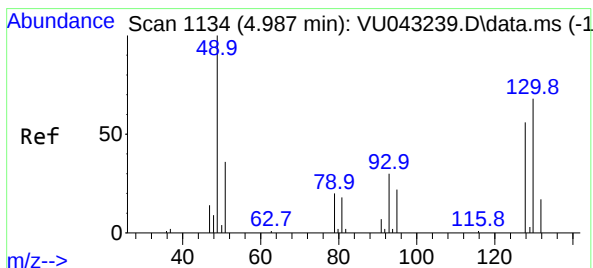
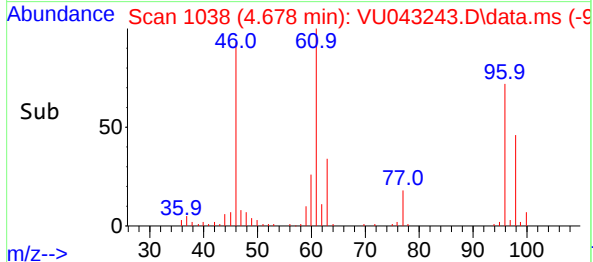
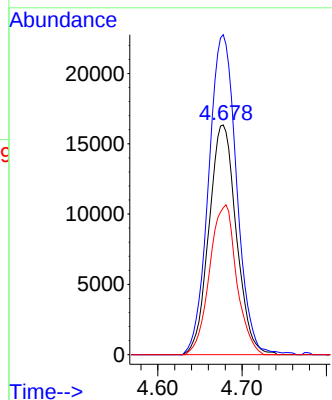
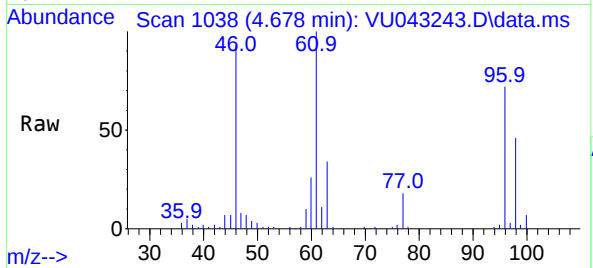


#22
cis-1,2-Dichloroethene
Concen: 5.38 ug/L
RT: 4.678 min Scan# 1038
Delta R.T. 0.003 min
Lab File: VU043243.D
Acq: 21 Apr 2021 12:17

Instrument :
MSVOA_U
ClientSampleId :
H4536MS

Tgt Ion: 96 Resp: 36814

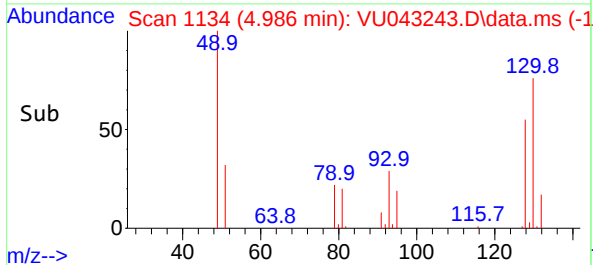
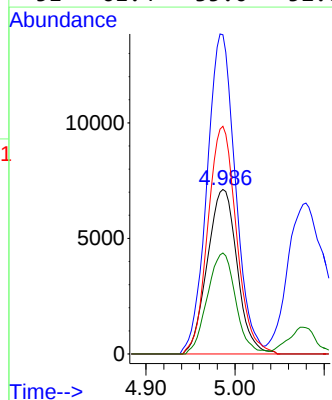
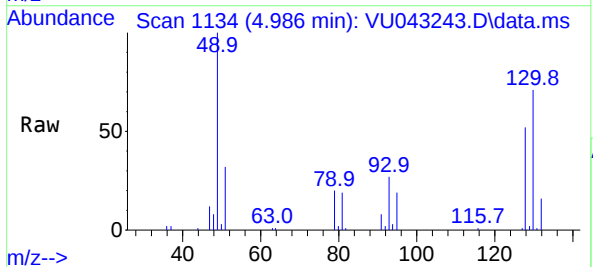
Ion	Ratio	Lower	Upper
96	100		
61	139.3	87.4	162.4
98	63.9	47.7	88.5

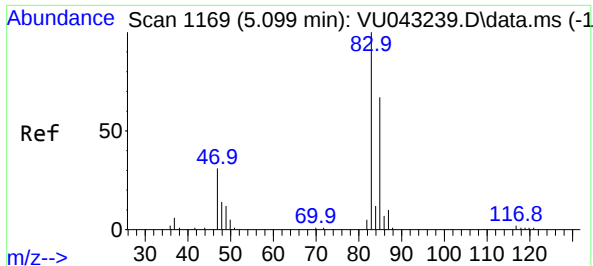


#23
Bromochloromethane
Concen: 5.30 ug/L
RT: 4.986 min Scan# 1134
Delta R.T. -0.000 min
Lab File: VU043243.D
Acq: 21 Apr 2021 12:17

Tgt Ion: 128 Resp: 16534

Ion	Ratio	Lower	Upper
128	100		
49	194.1	96.4	179.0#
130	138.5	91.2	169.4
51	61.4	35.0	52.6#



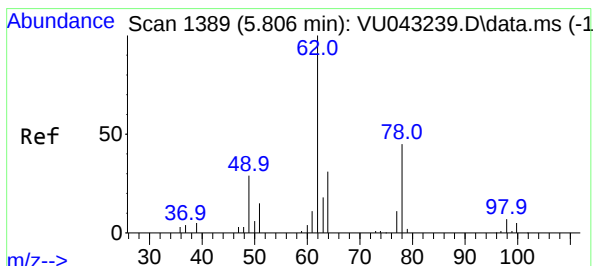
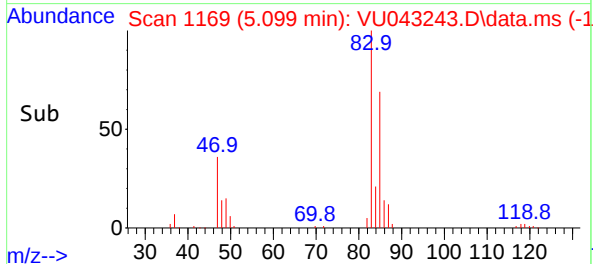
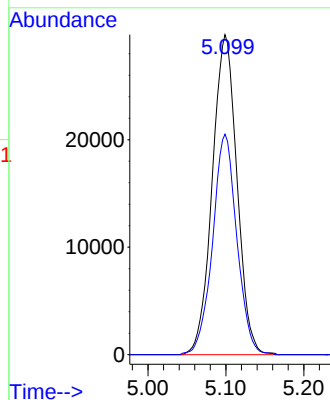
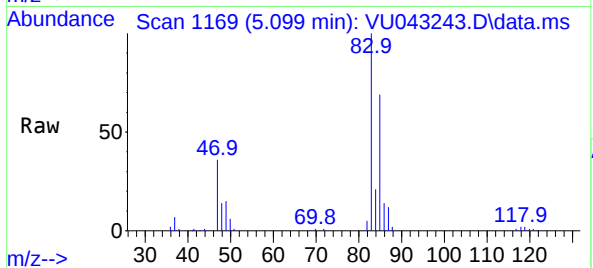


#25

Chloroform
Concen: 4.88 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VU043243.D
Acq: 21 Apr 2021 12:17

Instrument :
MSVOA_U
ClientSampleId :
H4536MS

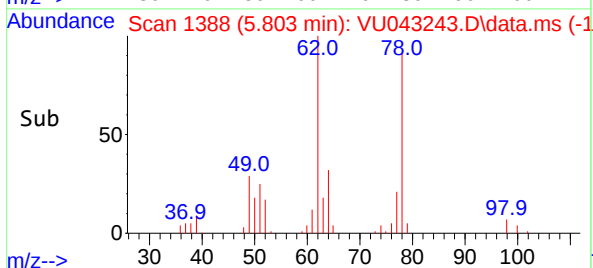
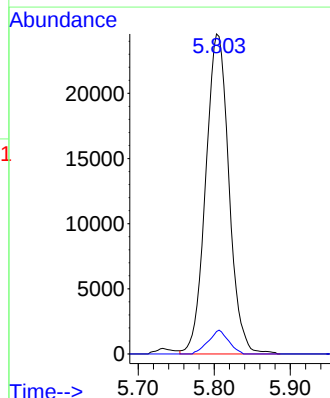
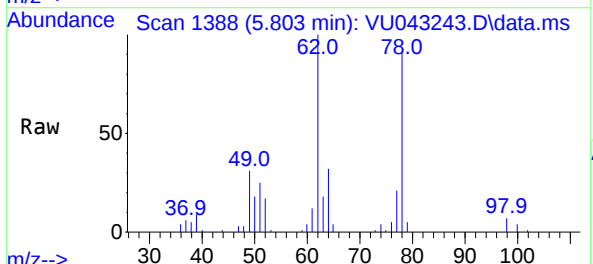
Tgt Ion: 83 Resp: 65562
Ion Ratio Lower Upper
83 100
85 68.9 45.6 84.8

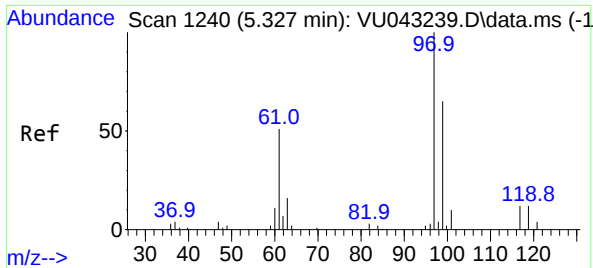


#27

1,2-Dichloroethane
Concen: 5.30 ug/L
RT: 5.803 min Scan# 1388
Delta R.T. -0.003 min
Lab File: VU043243.D
Acq: 21 Apr 2021 12:17

Tgt Ion: 62 Resp: 52140
Ion Ratio Lower Upper
62 100
98 7.0 7.5 11.3#



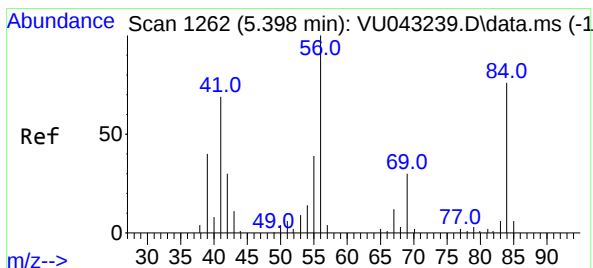
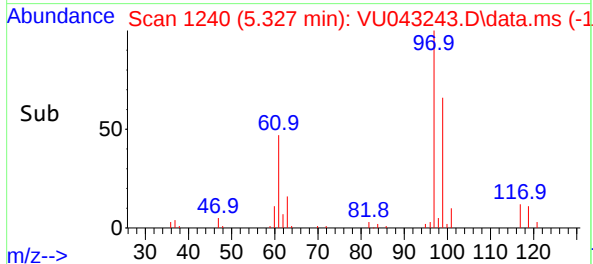
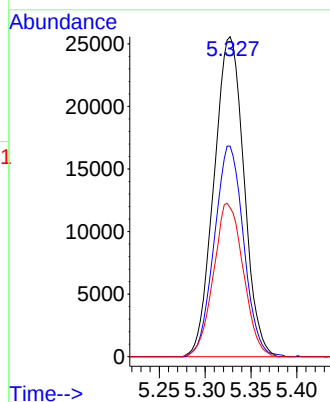
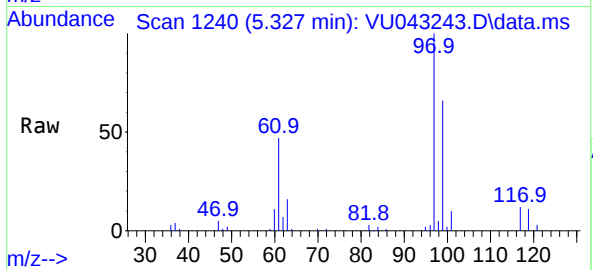


#29
1,1,1-Trichloroethane
Concen: 4.73 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VU043243.D
Acq: 21 Apr 2021 12:17

Instrument :
MSVOA_U
ClientSampleId :
H4536MS

Tgt Ion: 97 Resp: 58120

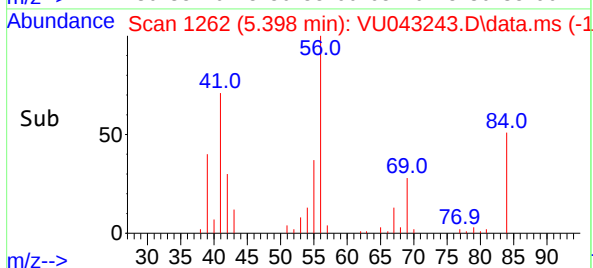
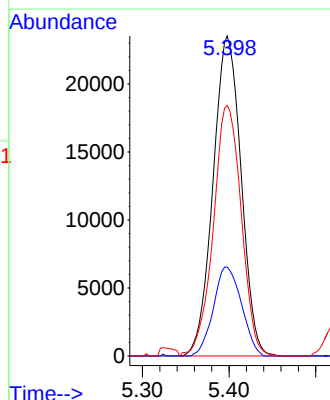
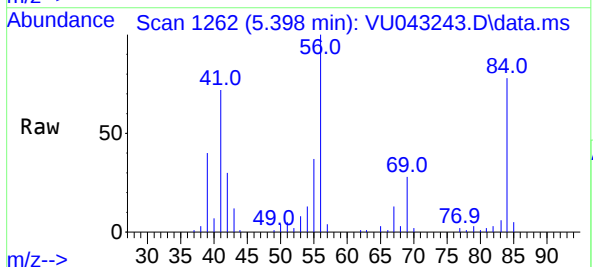
Ion	Ratio	Lower	Upper
97	100		
99	64.5	50.3	75.5
61	47.8	32.7	49.1

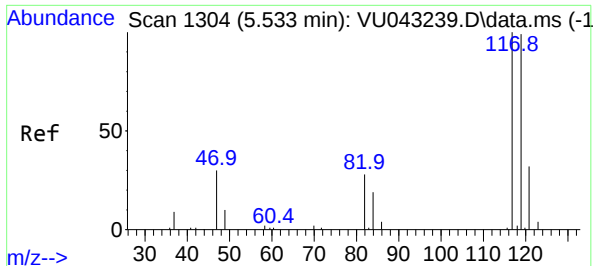


#30
Cyclohexane
Concen: 5.03 ug/L
RT: 5.398 min Scan# 1262
Delta R.T. -0.000 min
Lab File: VU043243.D
Acq: 21 Apr 2021 12:17

Tgt Ion: 56 Resp: 52922

Ion	Ratio	Lower	Upper
56	100		
69	27.8	25.2	37.8
84	77.9	76.2	114.4

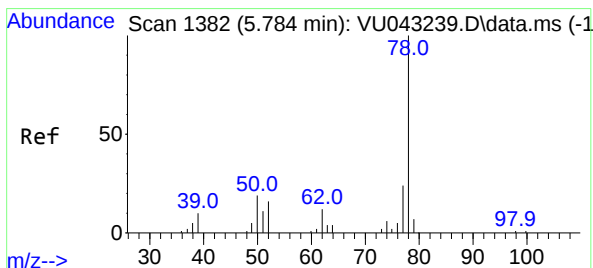
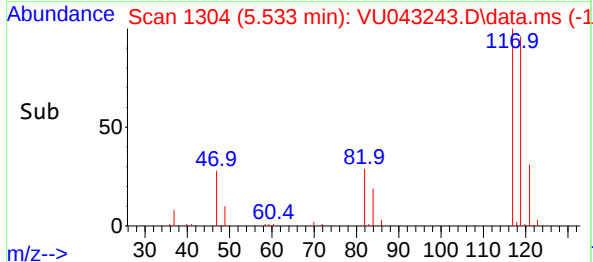
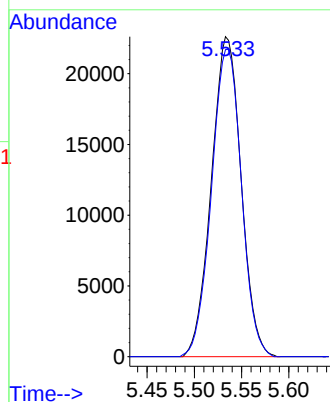
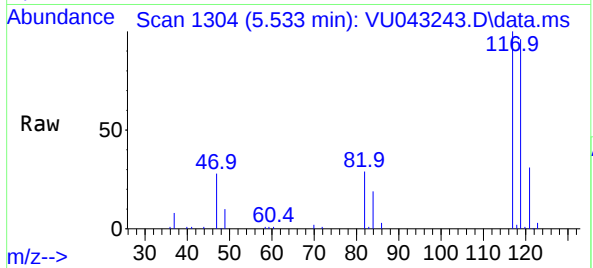




#31
Carbon tetrachloride
Concen: 4.82 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VU043243.D
Acq: 21 Apr 2021 12:17

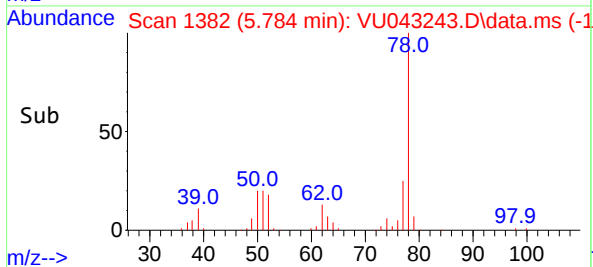
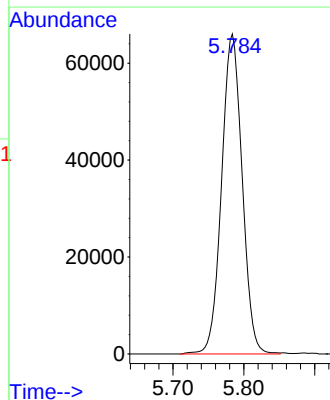
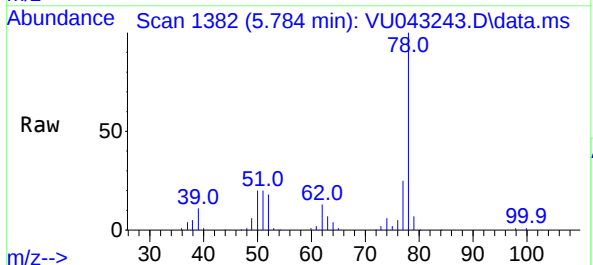
Instrument :
MSVOA_U
ClientSampled :
H4536MS

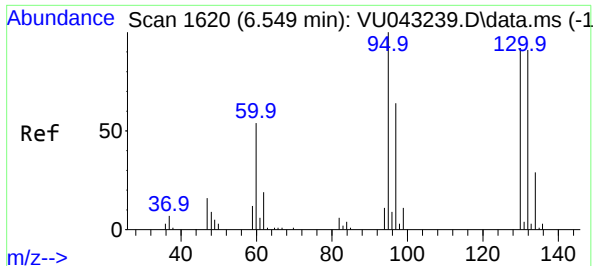
Tgt Ion:117 Resp: 49416
Ion Ratio Lower Upper
117 100
119 96.6 76.2 114.4



#33
Benzene
Concen: 5.00 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VU043243.D
Acq: 21 Apr 2021 12:17

Tgt Ion: 78 Resp: 133047

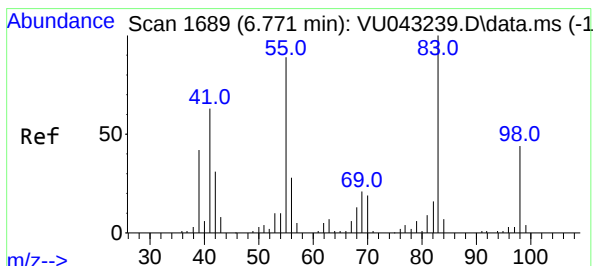
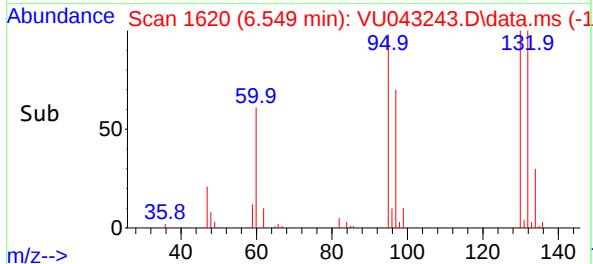
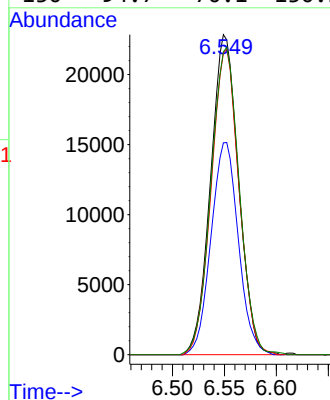
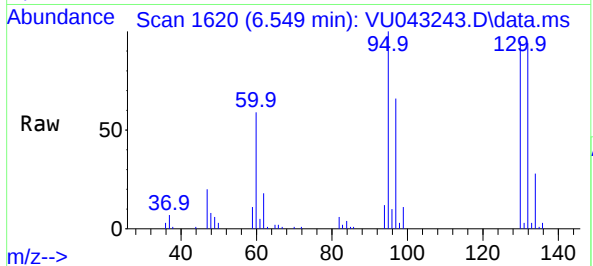




#34
Trichloroethene
Concen: 5.81 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VU043243.D
Acq: 21 Apr 2021 12:17

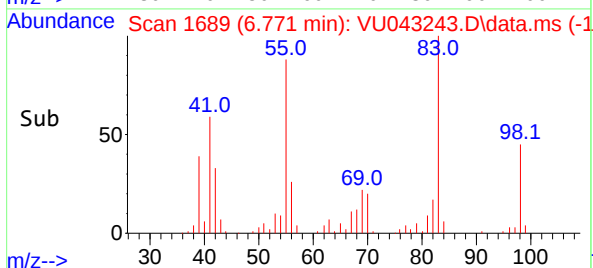
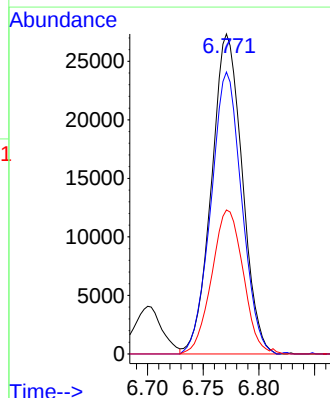
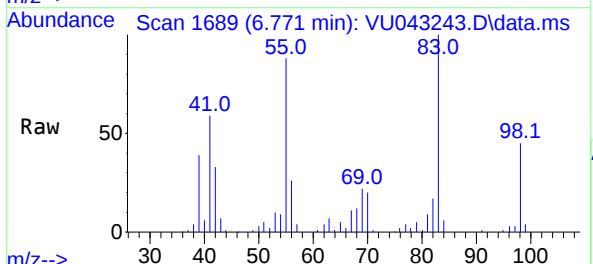
Instrument :
MSVOA_U
ClientSampleId :
H4536MS

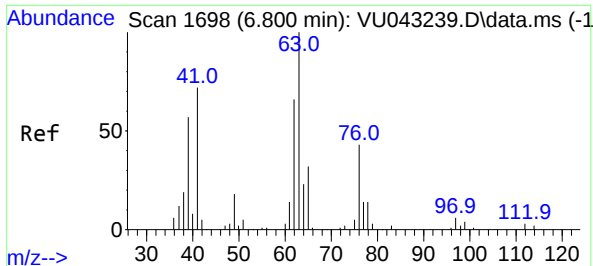
Tgt Ion: 95 Resp: 42579
Ion Ratio Lower Upper
95 100
97 66.2 45.8 85.2
132 94.3 68.7 127.7
130 94.7 70.1 130.3



#35
Methylcyclohexane
Concen: 5.17 ug/L
RT: 6.771 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VU043243.D
Acq: 21 Apr 2021 12:17

Tgt Ion: 83 Resp: 52461
Ion Ratio Lower Upper
83 100
55 88.3 59.5 89.3
98 46.2 37.9 56.9

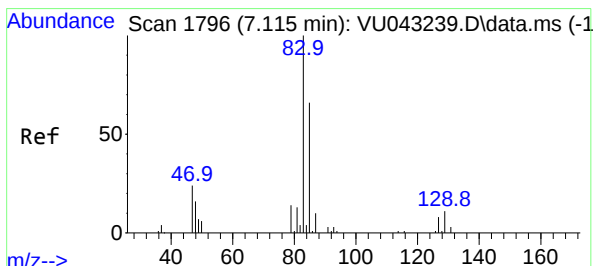
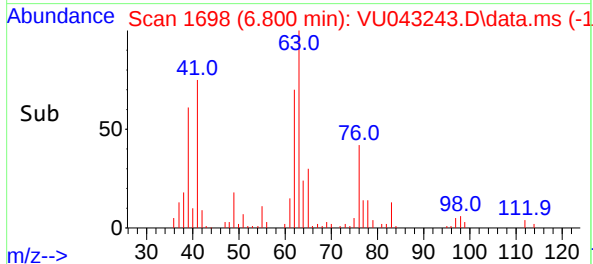
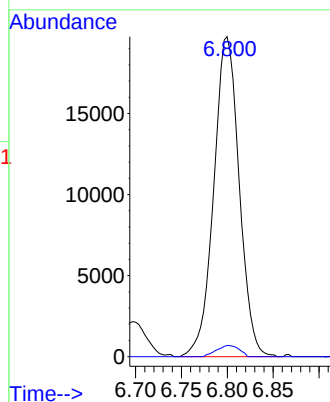
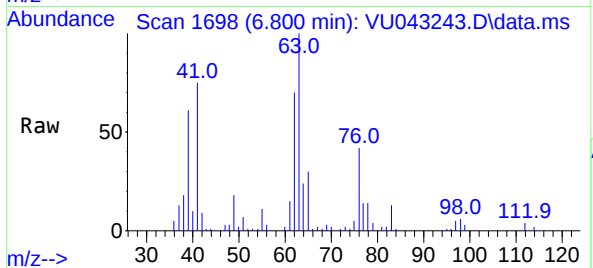




#37
1,2-Dichloropropane
Concen: 5.09 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VU043243.D
Acq: 21 Apr 2021 12:17

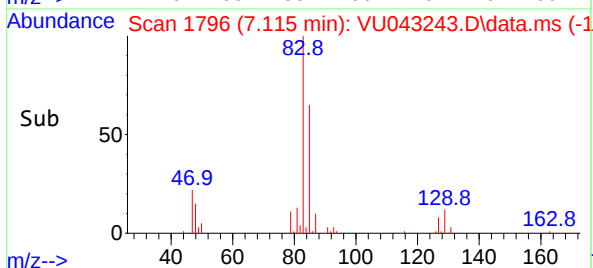
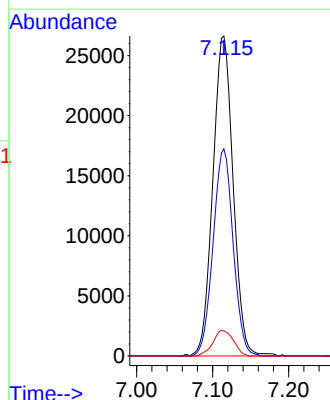
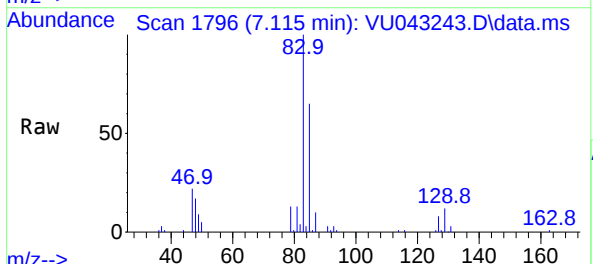
Instrument :
MSVOA_U
ClientSampleId :
H4536MS

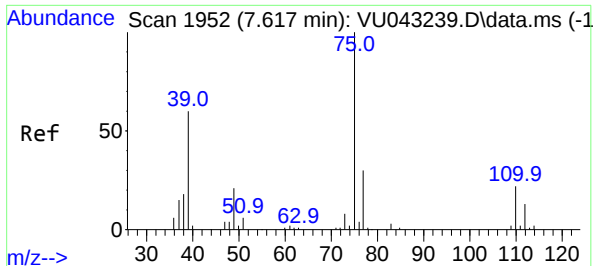
Tgt Ion: 63 Resp: 38127
Ion Ratio Lower Upper
63 100
112 3.1 3.5 5.3#



#38
Bromodichloromethane
Concen: 4.90 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VU043243.D
Acq: 21 Apr 2021 12:17

Tgt Ion: 83 Resp: 49326
Ion Ratio Lower Upper
83 100
85 64.8 44.6 82.8
127 7.8 7.4 11.2



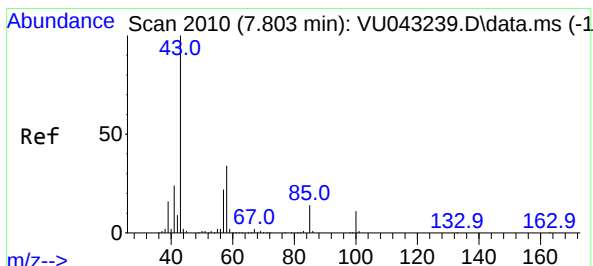
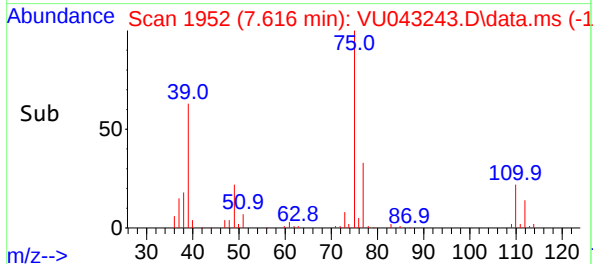
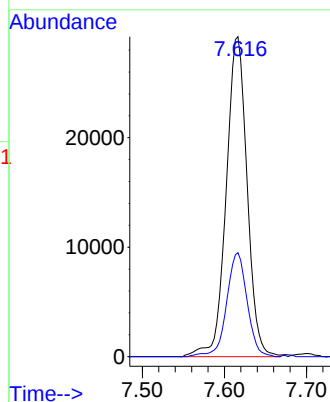
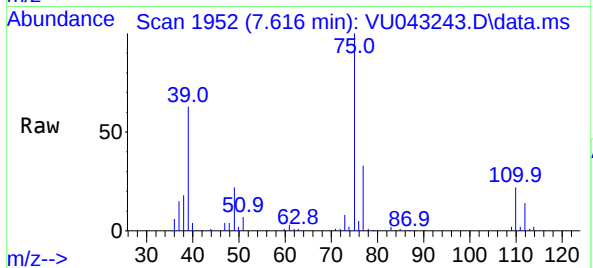


#39

cis-1,3-Dichloropropene
Concen: 4.73 ug/L
RT: 7.616 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VU043243.D
Acq: 21 Apr 2021 12:17

Instrument :
MSVOA_U
ClientSampleId :
H4536MS

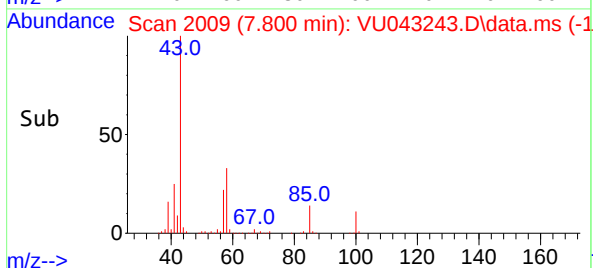
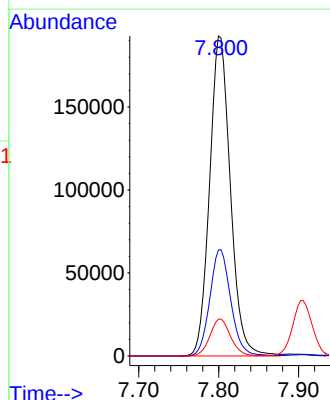
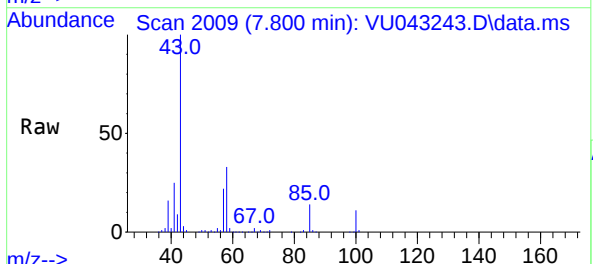
Tgt Ion: 75 Resp: 51746
Ion Ratio Lower Upper
75 100
77 32.5 21.8 40.6

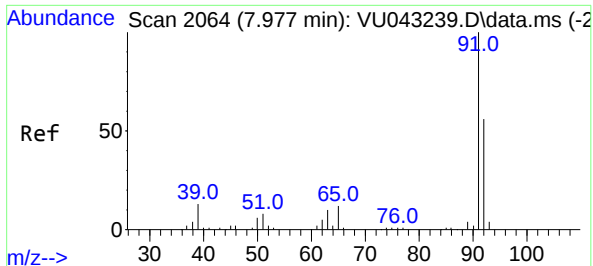


#40

4-Methyl-2-pentanone
Concen: 51.88 ug/L
RT: 7.800 min Scan# 2009
Delta R.T. -0.003 min
Lab File: VU043243.D
Acq: 21 Apr 2021 12:17

Tgt Ion: 43 Resp: 347747
Ion Ratio Lower Upper
43 100
58 33.6 35.8 53.6#
100 11.5 15.1 22.7#

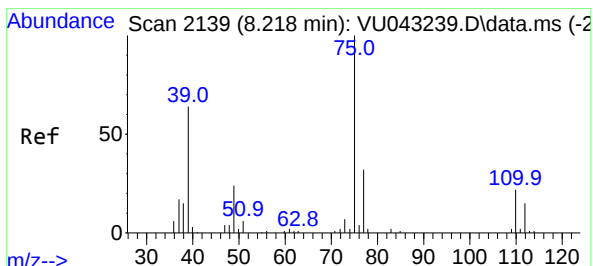
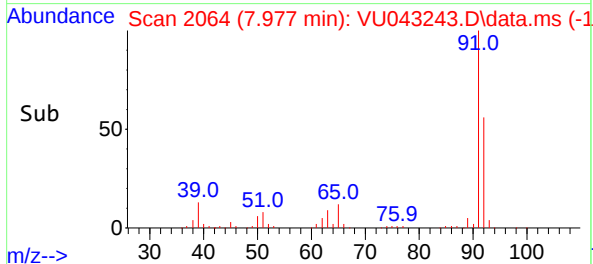
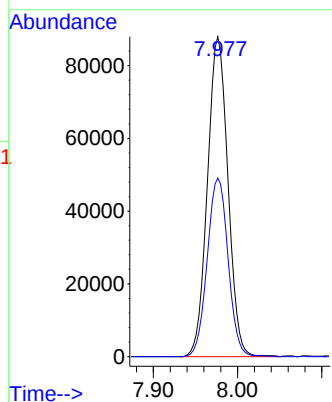
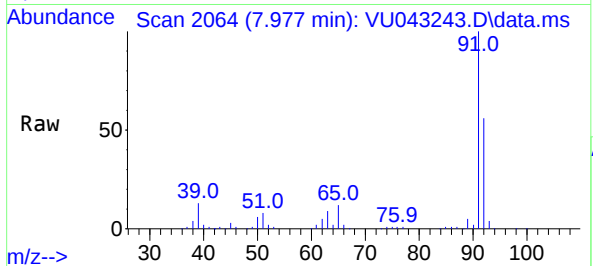




#42
Toluene
Concen: 5.00 ug/L
RT: 7.977 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU043243.D
Acq: 21 Apr 2021 12:17

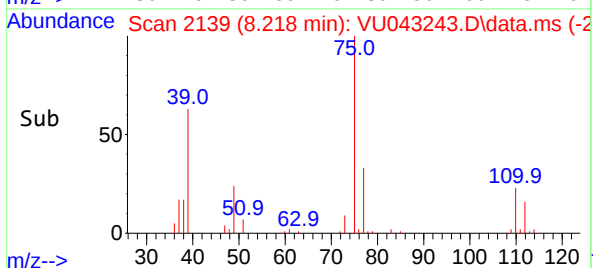
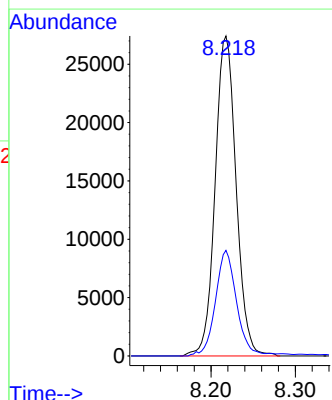
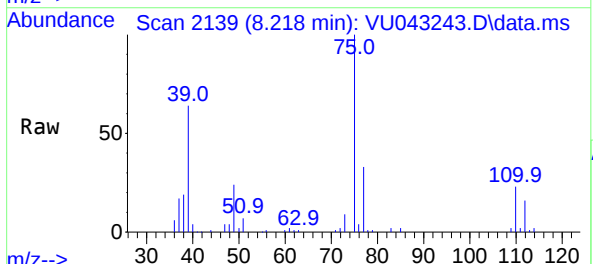
Instrument :
MSVOA_U
ClientSampled :
H4536MS

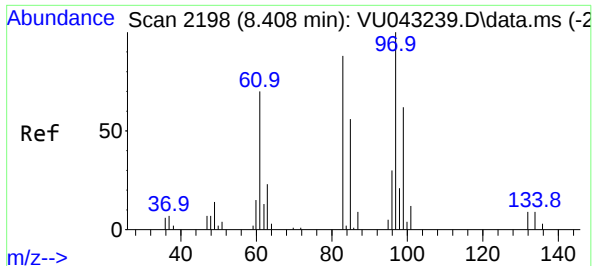
Tgt Ion: 91 Resp: 148766
Ion Ratio Lower Upper
91 100
92 55.8 40.9 76.0



#44
trans-1,3-Dichloropropene
Concen: 4.60 ug/L
RT: 8.218 min Scan# 2139
Delta R.T. -0.000 min
Lab File: VU043243.D
Acq: 21 Apr 2021 12:17

Tgt Ion: 75 Resp: 47432
Ion Ratio Lower Upper
75 100
77 33.0 23.4 43.4





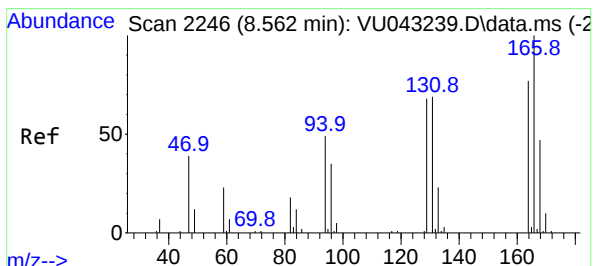
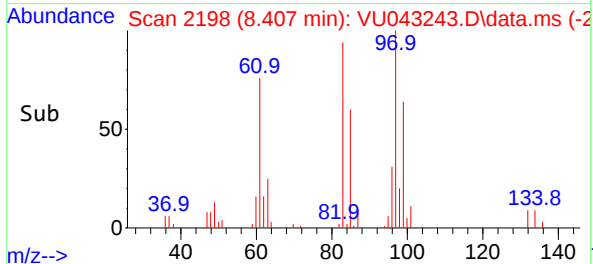
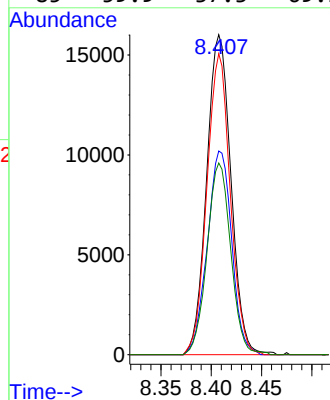
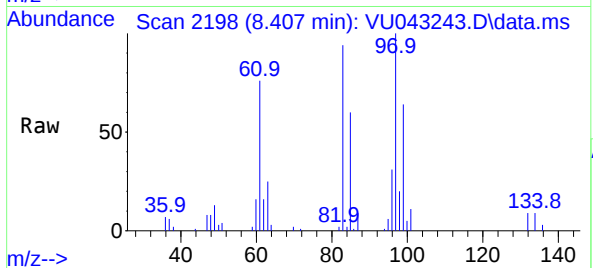
#45

1,1,2-Trichloroethane
Concen: 4.81 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. -0.000 min
Lab File: VU043243.D
Acq: 21 Apr 2021 12:17

Instrument :
MSVOA_U
ClientSampleId :
H4536MS

Tgt Ion: 97 Resp: 26950

Ion	Ratio	Lower	Upper
97	100		
99	63.7	44.2	82.0
83	94.0	60.1	111.7
85	59.9	37.3	69.3

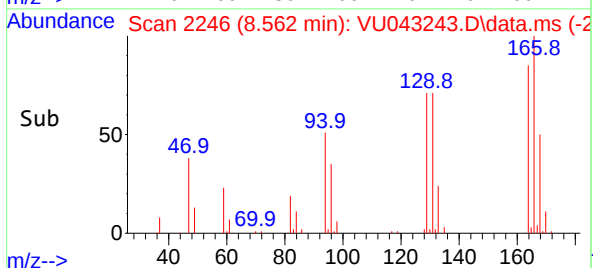
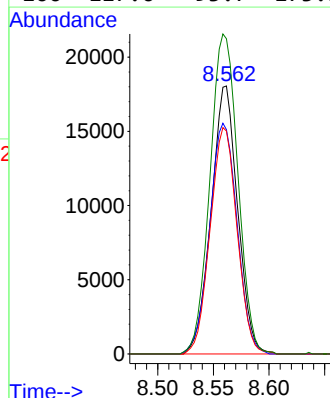
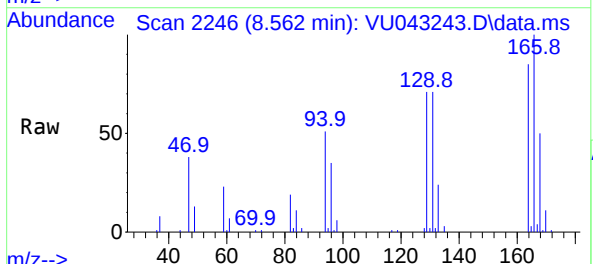


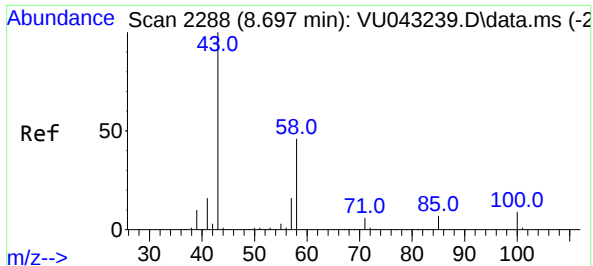
#47

Tetrachloroethene
Concen: 5.14 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VU043243.D
Acq: 21 Apr 2021 12:17

Tgt Ion: 164 Resp: 29853

Ion	Ratio	Lower	Upper
164	100		
129	83.7	66.6	123.8
131	83.2	65.9	122.3
166	117.6	93.7	173.9

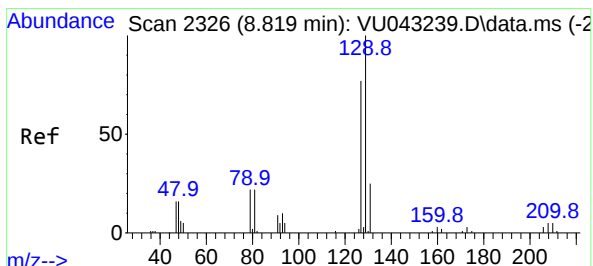
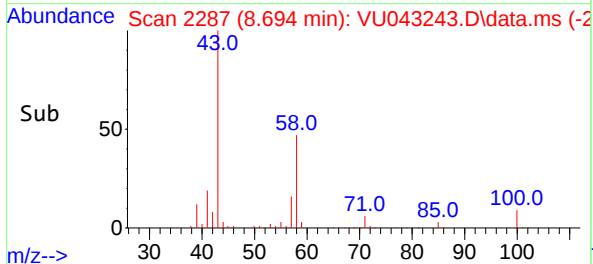
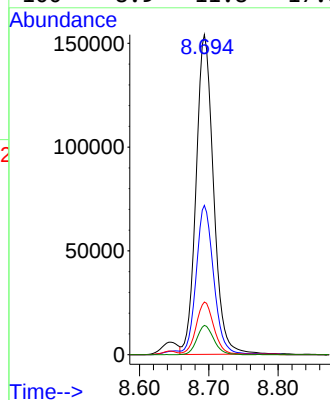
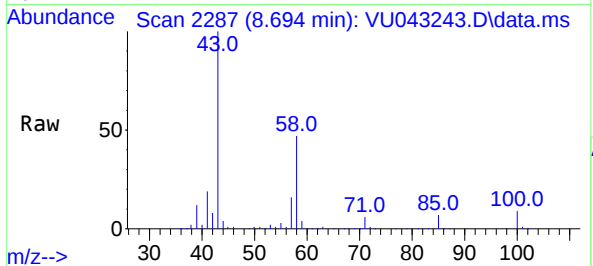




#48
2-Hexanone
Concen: 54.85 ug/L
RT: 8.694 min Scan# 2287
Delta R.T. -0.003 min
Lab File: VU043243.D
Acq: 21 Apr 2021 12:17

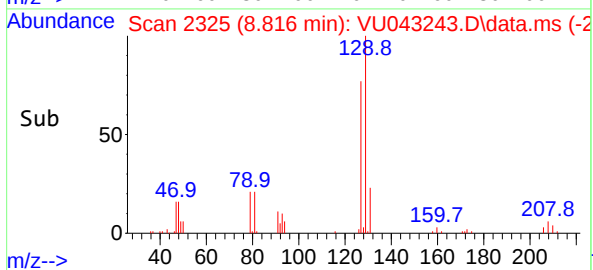
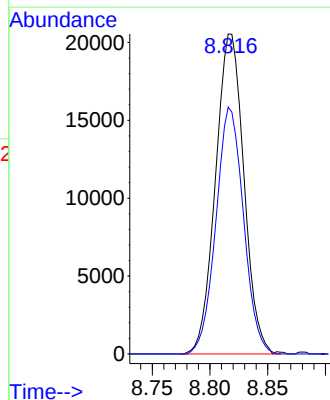
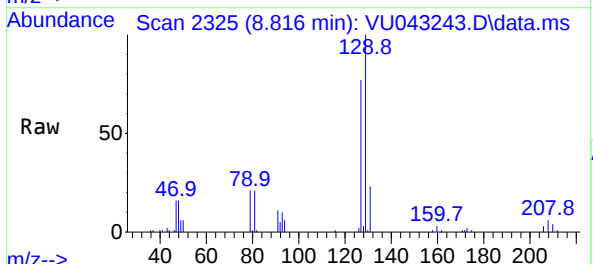
Instrument :
MSVOA_U
ClientSampled :
H4536MS

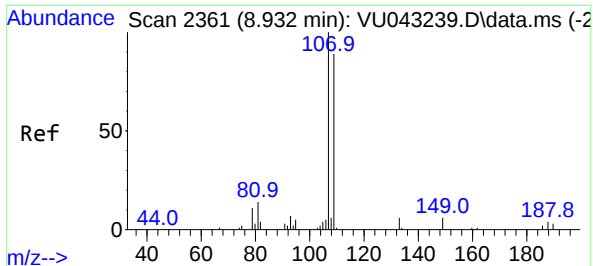
Tgt Ion: 43 Resp: 270566
Ion Ratio Lower Upper
43 100
58 46.3 50.0 75.0#
57 16.5 17.4 26.0#
100 8.9 11.8 17.8#



#49
Dibromochloromethane
Concen: 4.97 ug/L
RT: 8.816 min Scan# 2325
Delta R.T. -0.003 min
Lab File: VU043243.D
Acq: 21 Apr 2021 12:17

Tgt Ion: 129 Resp: 35101
Ion Ratio Lower Upper
129 100
127 77.2 56.6 105.2

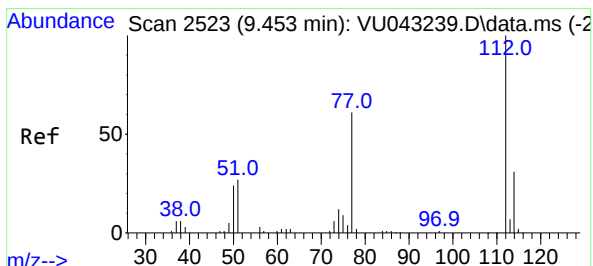
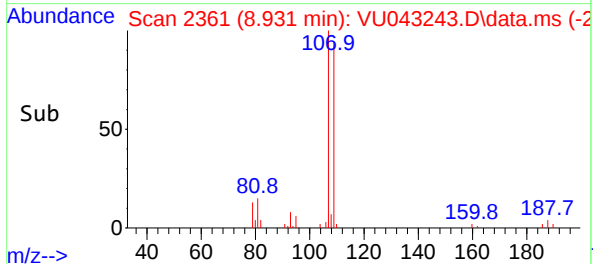
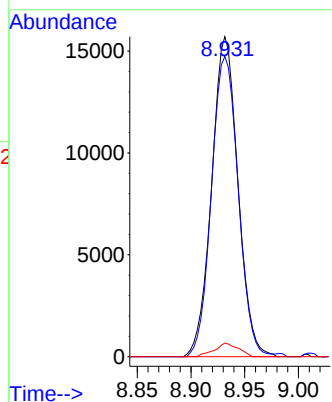
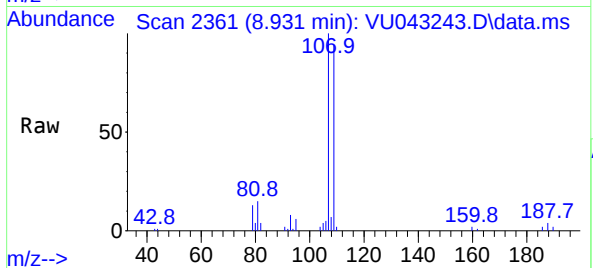




#50
1,2-Dibromoethane
Concen: 4.79 ug/L
RT: 8.931 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VU043243.D
Acq: 21 Apr 2021 12:17

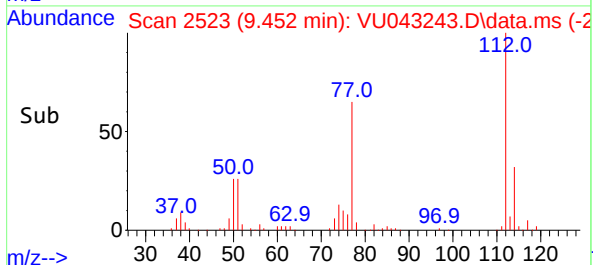
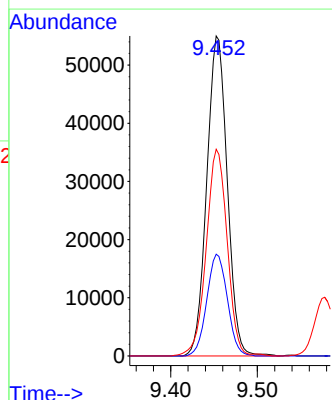
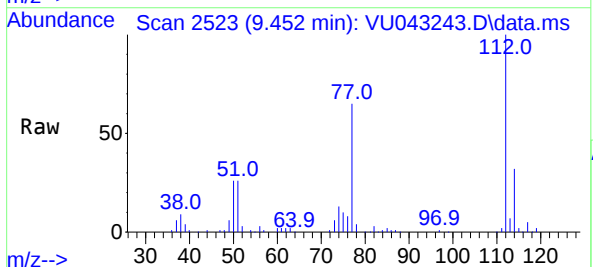
Instrument :
MSVOA_U
ClientSampleId :
H4536MS

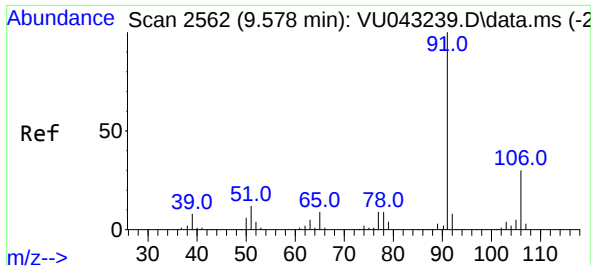
Tgt Ion:107 Resp: 26690
Ion Ratio Lower Upper
107 100
109 93.8 65.4 121.4
188 4.2 2.5 3.7#



#51
Chlorobenzene
Concen: 4.76 ug/L
RT: 9.452 min Scan# 2523
Delta R.T. -0.000 min
Lab File: VU043243.D
Acq: 21 Apr 2021 12:17

Tgt Ion:112 Resp: 90287
Ion Ratio Lower Upper
112 100
114 31.8 21.9 40.7
77 64.6 45.1 67.7

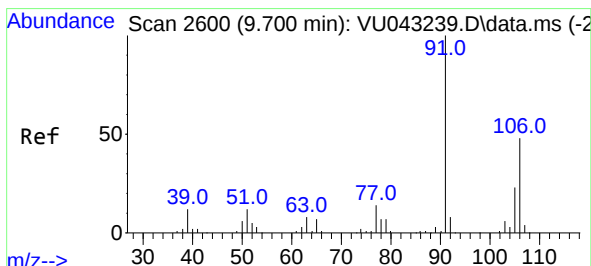
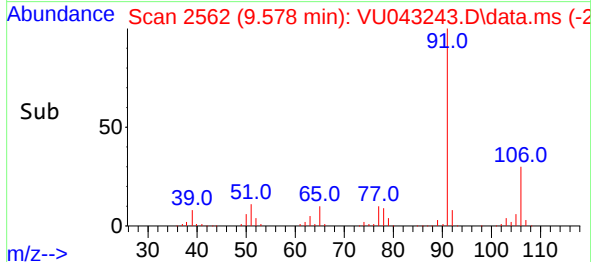
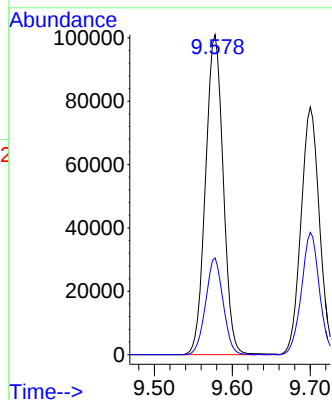
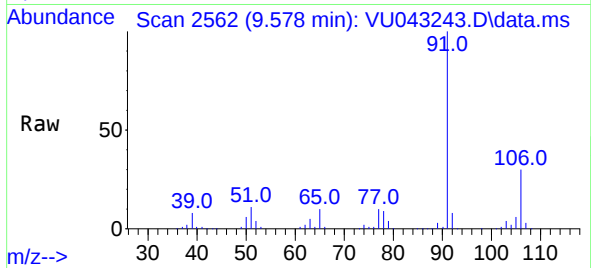




#52
Ethylbenzene
Concen: 4.68 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. -0.000 min
Lab File: VU043243.D
Acq: 21 Apr 2021 12:17

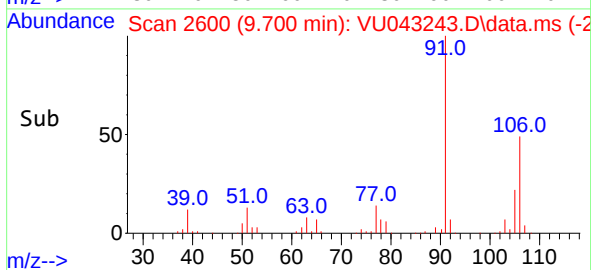
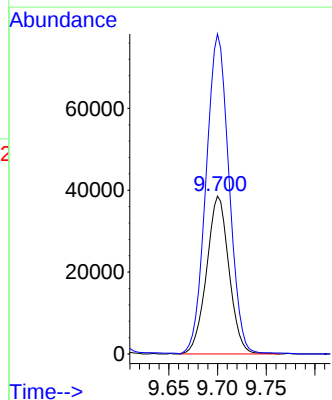
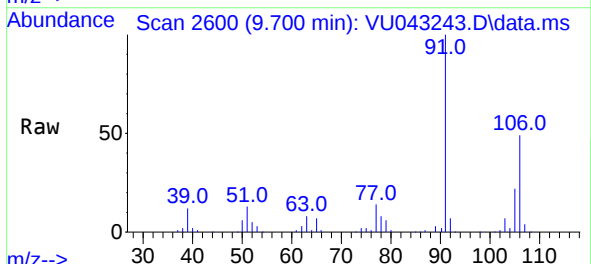
Instrument :
MSVOA_U
ClientSampled :
H4536MS

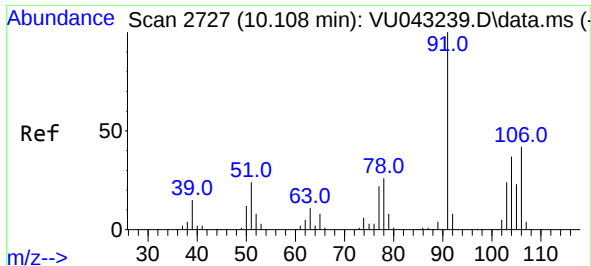
Tgt Ion: 91 Resp: 159298
Ion Ratio Lower Upper
91 100
106 30.3 22.0 40.8



#53
m,p-Xylene
Concen: 4.95 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. -0.000 min
Lab File: VU043243.D
Acq: 21 Apr 2021 12:17

Tgt Ion: 106 Resp: 61610
Ion Ratio Lower Upper
106 100
91 202.6 137.6 255.6

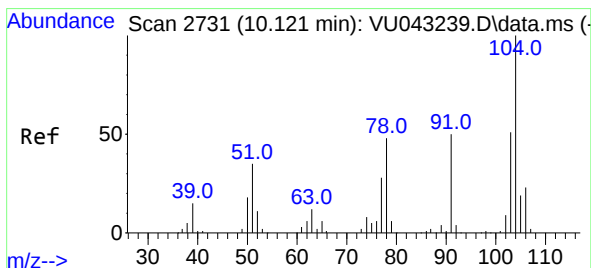
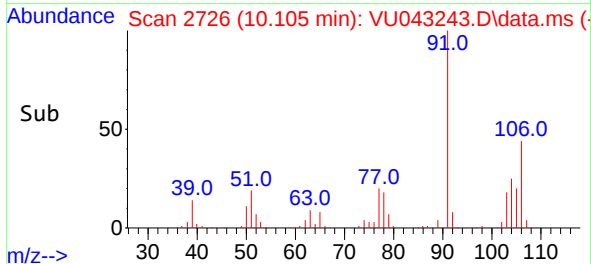
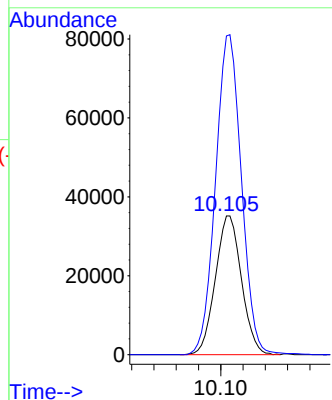
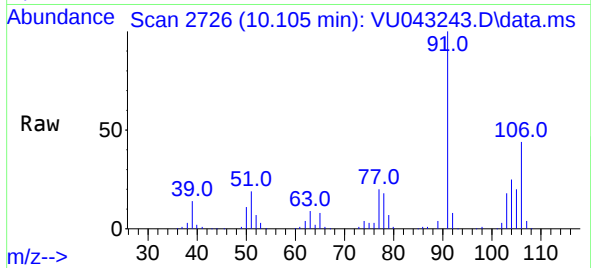




#54
o-Xylene
Concen: 4.64 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. -0.003 min
Lab File: VU043243.D
Acq: 21 Apr 2021 12:17

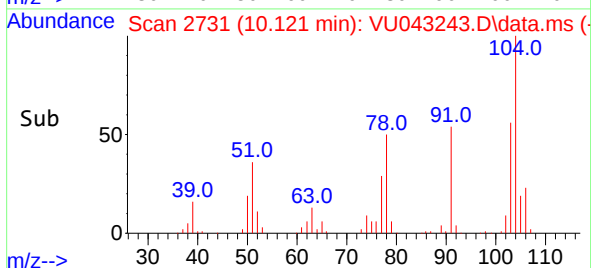
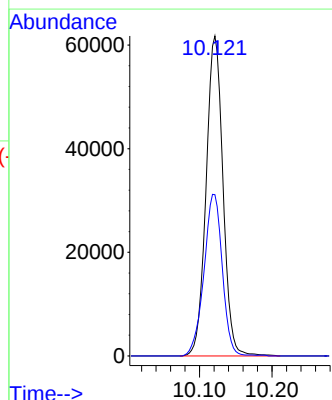
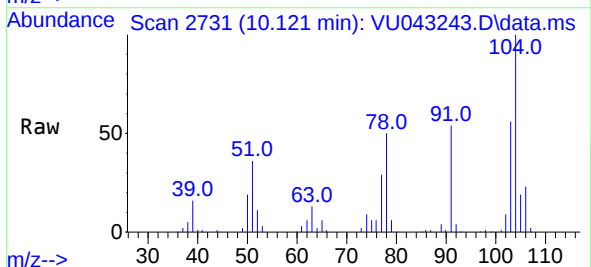
Instrument :
MSVOA_U
ClientSampleId :
H4536MS

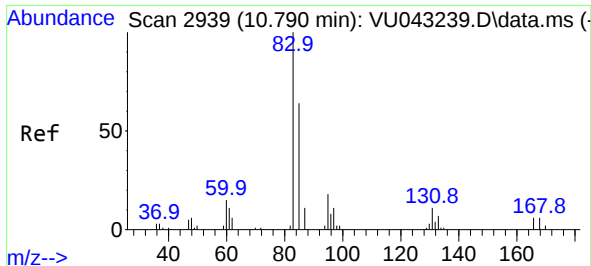
Tgt Ion:106 Resp: 57194
Ion Ratio Lower Upper
106 100
91 229.7 148.5 275.9



#55
Styrene
Concen: 4.73 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. -0.000 min
Lab File: VU043243.D
Acq: 21 Apr 2021 12:17

Tgt Ion:104 Resp: 99929
Ion Ratio Lower Upper
104 100
78 50.4 32.3 60.1



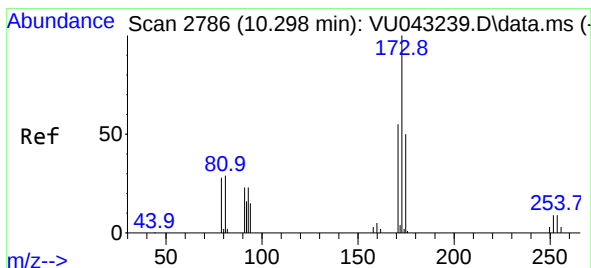
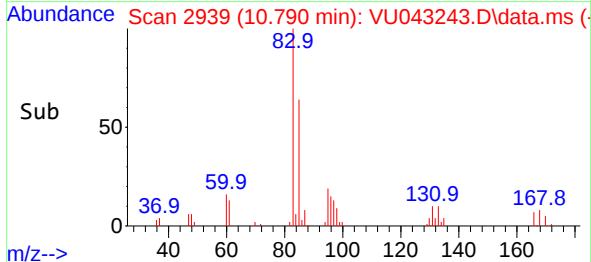
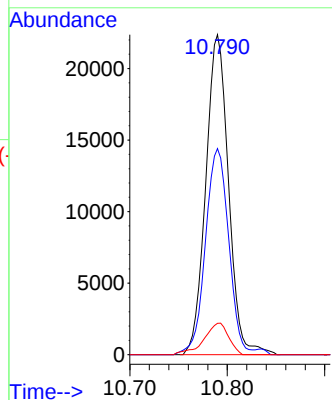
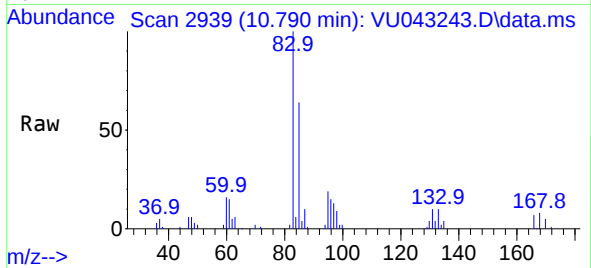


#57
1,1,2,2-Tetrachloroethane
Concen: 4.93 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. -0.000 min
Lab File: VU043243.D
Acq: 21 Apr 2021 12:17

Instrument :
MSVOA_U
ClientSampleId :
H4536MS

Tgt Ion: 83 Resp: 36281

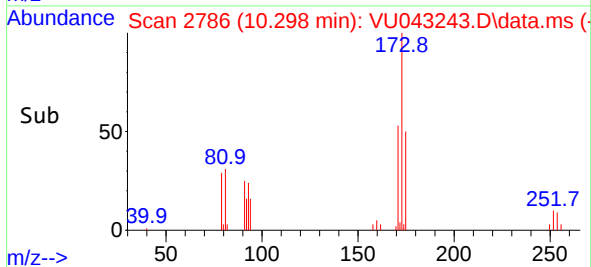
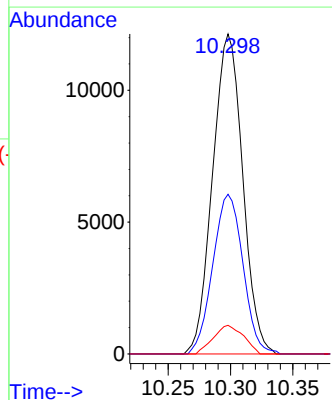
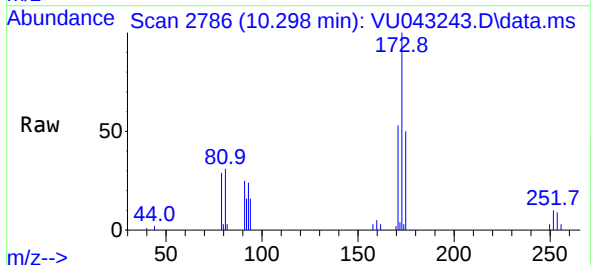
Ion	Ratio	Lower	Upper
83	100		
85	64.4	44.9	83.5
131	9.8	8.2	12.4

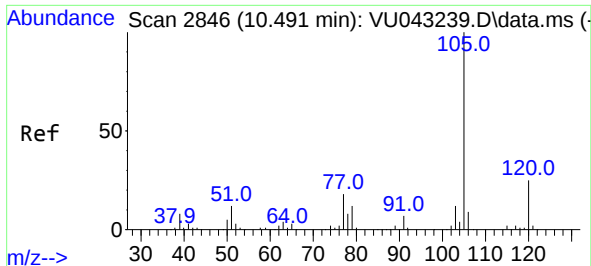


#59
Bromoform
Concen: 4.65 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. -0.000 min
Lab File: VU043243.D
Acq: 21 Apr 2021 12:17

Tgt Ion: 173 Resp: 20375

Ion	Ratio	Lower	Upper
173	100		
175	50.1	39.4	59.0
254	9.0	8.0	12.0

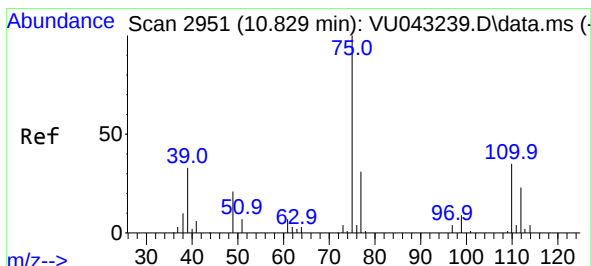
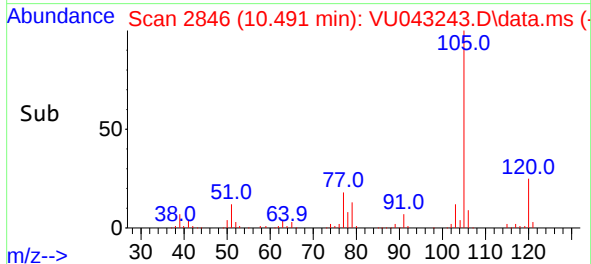
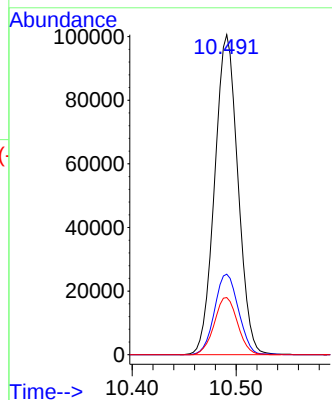
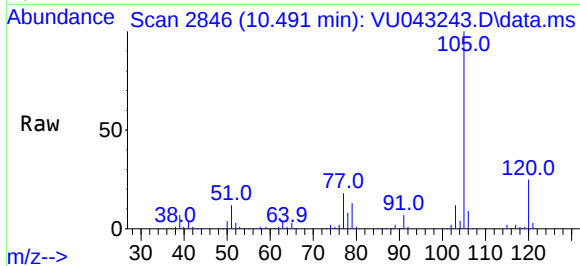




#60
Isopropylbenzene
Concen: 4.54 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. -0.000 min
Lab File: VU043243.D
Acq: 21 Apr 2021 12:17

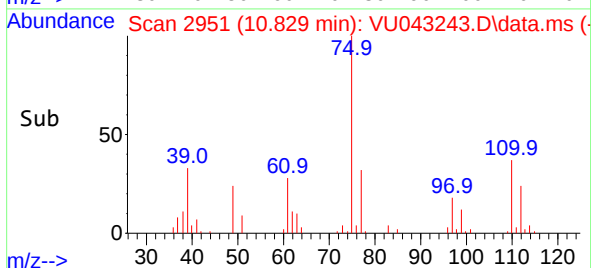
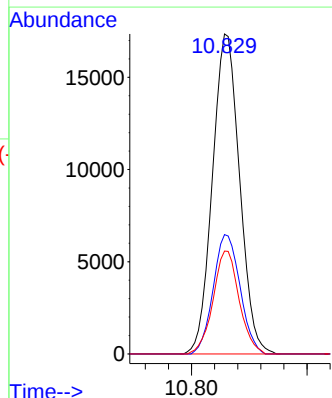
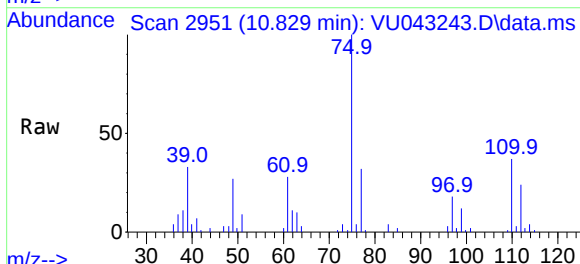
Instrument :
MSVOA_U
ClientSampled :
H4536MS

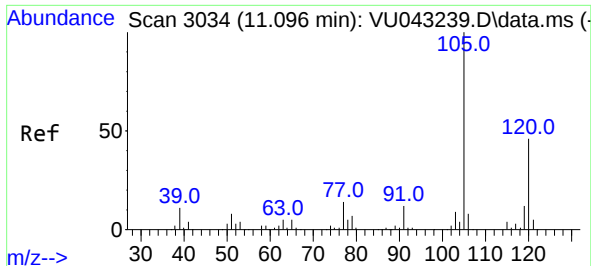
Tgt Ion:105 Resp: 156069
Ion Ratio Lower Upper
105 100
120 26.0 20.9 31.3
77 17.9 11.8 17.8#



#61
1,2,3-Trichloropropane
Concen: 5.11 ug/L
RT: 10.829 min Scan# 2951
Delta R.T. -0.000 min
Lab File: VU043243.D
Acq: 21 Apr 2021 12:17

Tgt Ion: 75 Resp: 28317
Ion Ratio Lower Upper
75 100
110 36.8 31.5 47.3
77 30.9 26.3 39.5

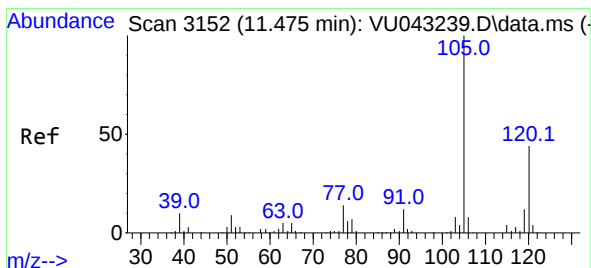
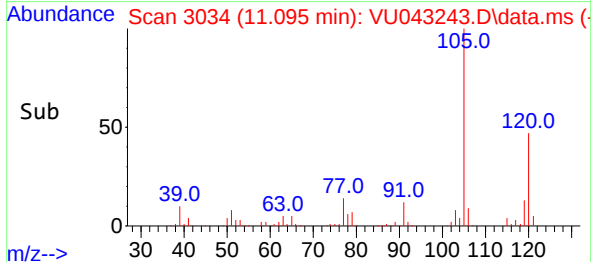
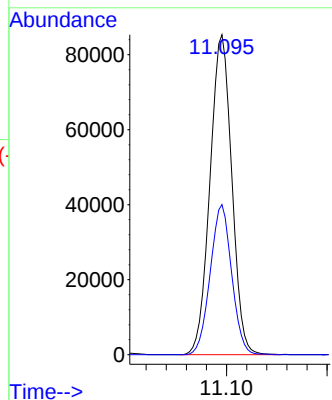
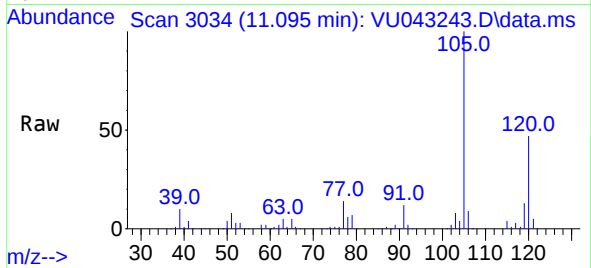




#62
1,3,5-Trimethylbenzene
Concen: 4.57 ug/L
RT: 11.095 min Scan# 3034
Delta R.T. -0.000 min
Lab File: VU043243.D
Acq: 21 Apr 2021 12:17

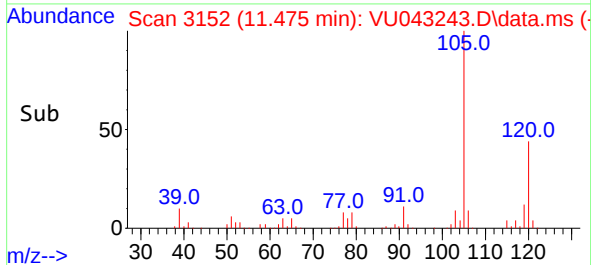
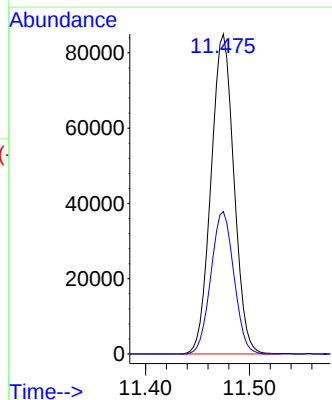
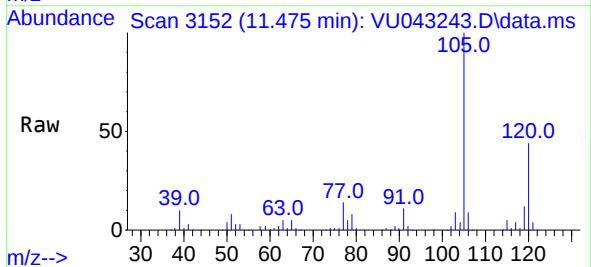
Tgt Ion:105 Resp: 128525
Ion Ratio Lower Upper
105 100
120 46.0 39.5 59.3

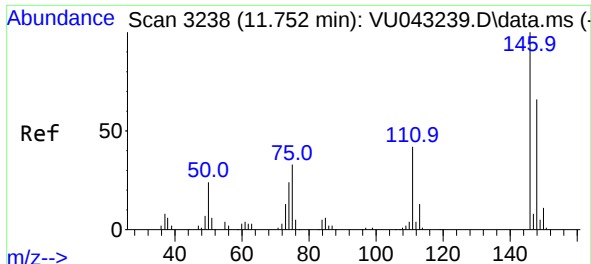
Instrument :
MSVOA_U
ClientSampleId :
H4536MS



#63
1,2,4-Trimethylbenzene
Concen: 4.50 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VU043243.D
Acq: 21 Apr 2021 12:17

Tgt Ion:105 Resp: 130111
Ion Ratio Lower Upper
105 100
120 44.7 36.7 55.1

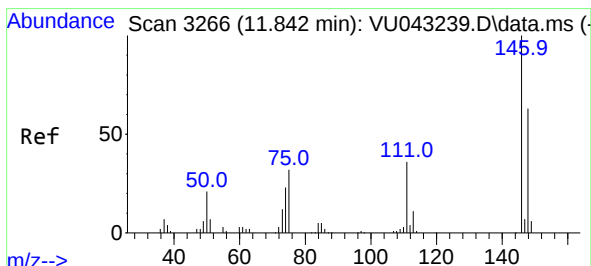
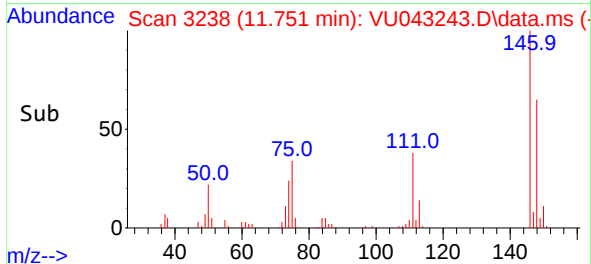
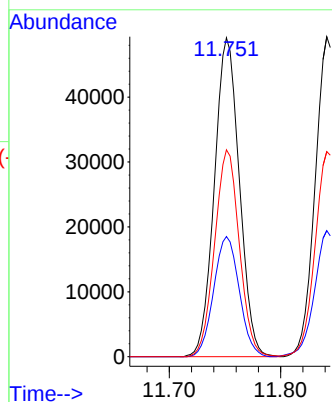
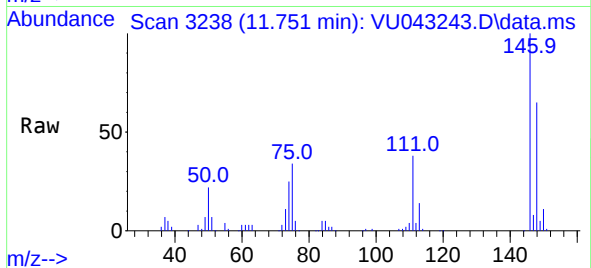




#64
1,3-Dichlorobenzene
Concen: 4.68 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. -0.000 min
Lab File: VU043243.D
Acq: 21 Apr 2021 12:17

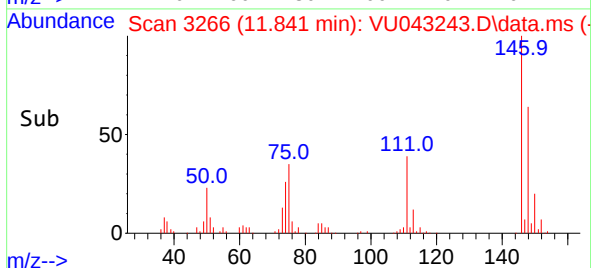
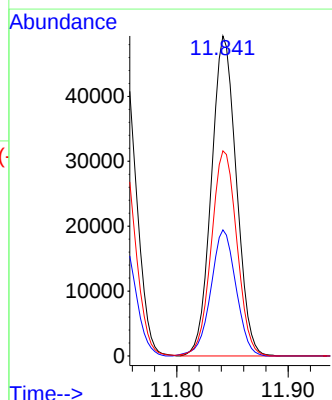
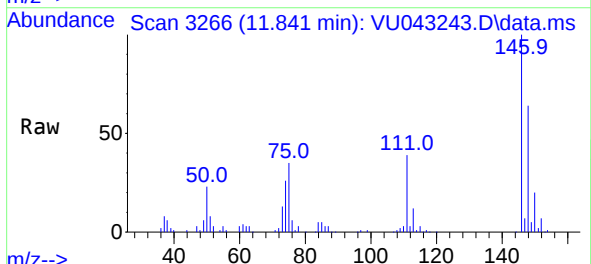
Instrument :
MSVOA_U
ClientSampled :
H4536MS

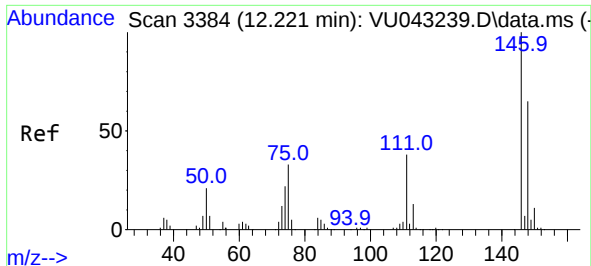
Tgt Ion:146 Resp: 76437
Ion Ratio Lower Upper
146 100
111 37.7 27.6 51.2
148 64.9 44.9 83.3



#65
1,4-Dichlorobenzene
Concen: 4.64 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. -0.000 min
Lab File: VU043243.D
Acq: 21 Apr 2021 12:17

Tgt Ion:146 Resp: 76758
Ion Ratio Lower Upper
146 100
111 39.4 26.7 49.5
148 64.1 43.9 81.5





#67

1,2-Dichlorobenzene

Concen: 4.66 ug/L

RT: 12.218 min Scan# 3383

Delta R.T. -0.003 min

Lab File: VU043243.D

Acq: 21 Apr 2021 12:17

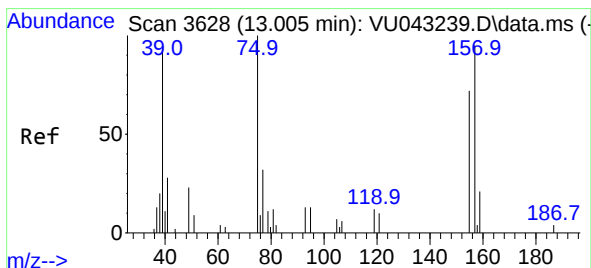
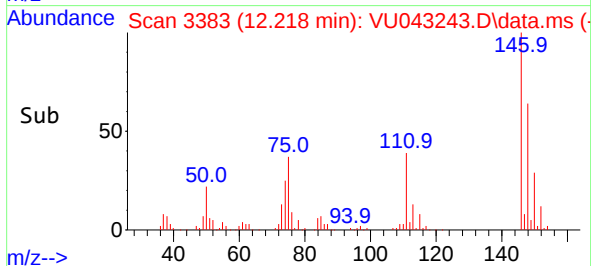
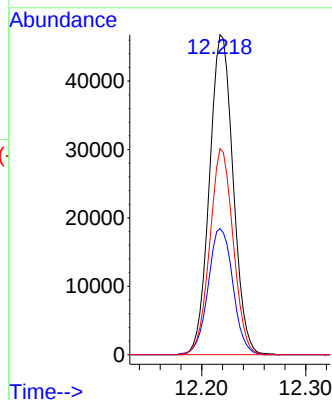
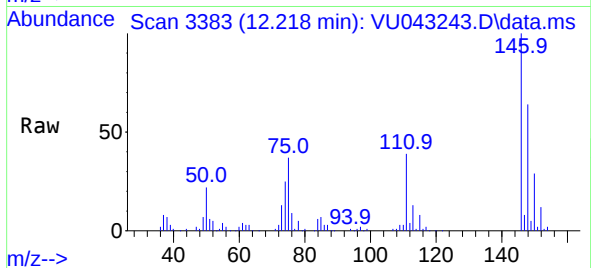
Tgt Ion:146 Resp: 73859

Ion Ratio Lower Upper

146 100

111 39.4 31.9 47.9

148 64.4 48.8 73.2



#68

1,2-Dibromo-3-chloropropane

Concen: 5.07 ug/L

RT: 13.002 min Scan# 3627

Delta R.T. -0.003 min

Lab File: VU043243.D

Acq: 21 Apr 2021 12:17

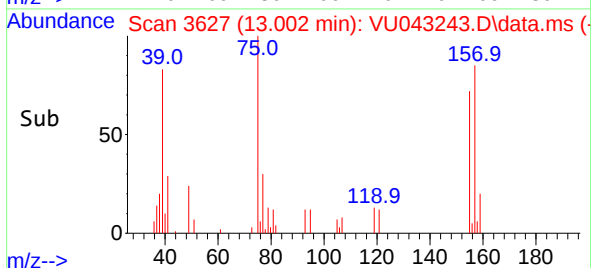
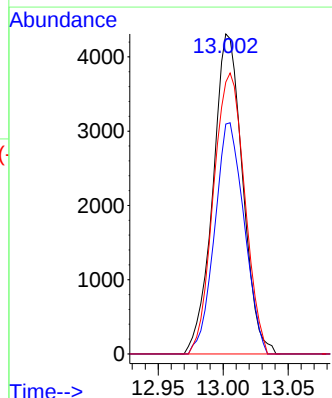
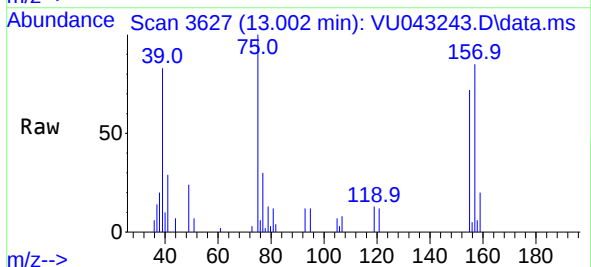
Tgt Ion: 75 Resp: 6830

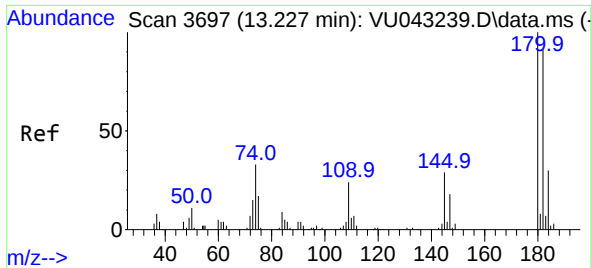
Ion Ratio Lower Upper

75 100

155 71.8 67.8 101.8

157 85.0 82.4 123.6



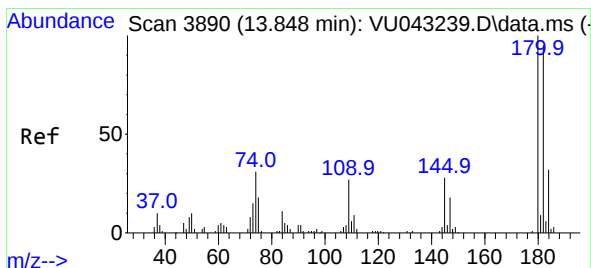
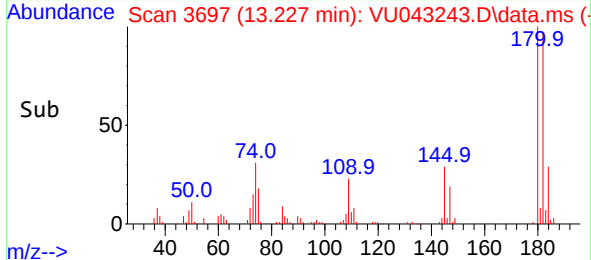
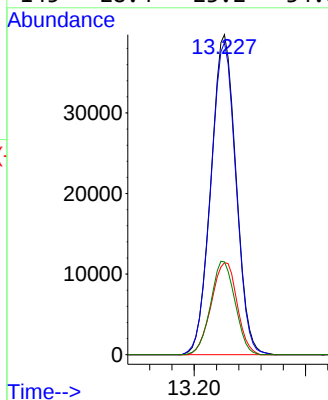
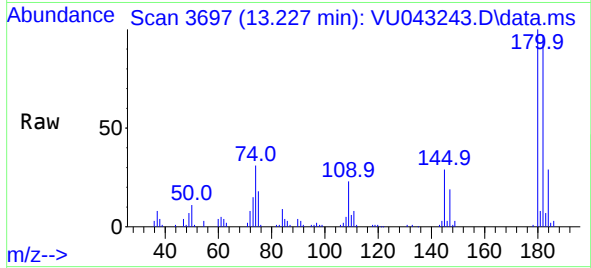


#69
1,3,5-Trichlorobenzene
Concen: 4.64 ug/L
RT: 13.227 min Scan# 3697
Delta R.T. -0.000 min
Lab File: VU043243.D
Acq: 21 Apr 2021 12:17

Instrument :
MSVOA_U
ClientSampleId :
H4536MS

Tgt Ion:180 Resp: 62151

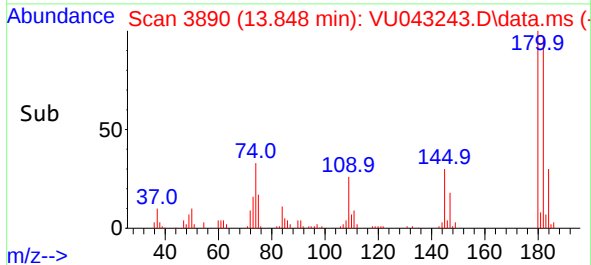
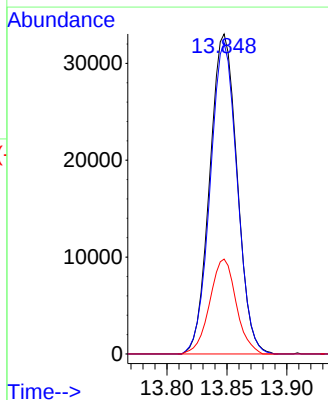
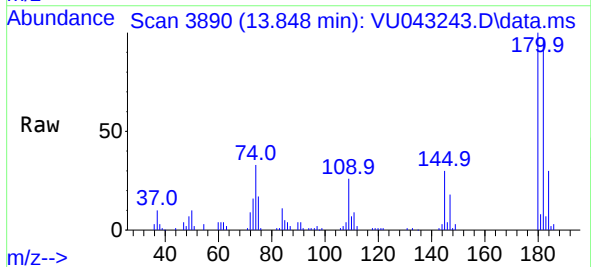
Ion	Ratio	Lower	Upper
180	100		
182	97.4	76.1	114.1
184	29.5	24.0	36.0
145	28.4	23.2	34.8

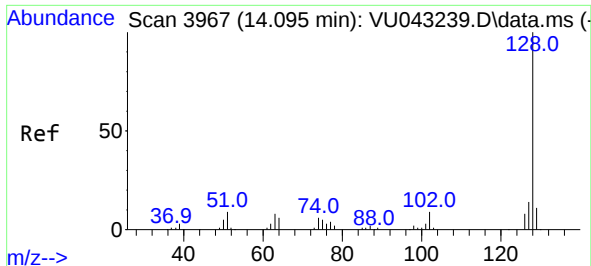


#70
1,2,4-trichlorobenzene
Concen: 4.72 ug/L
RT: 13.848 min Scan# 3890
Delta R.T. -0.000 min
Lab File: VU043243.D
Acq: 21 Apr 2021 12:17

Tgt Ion:180 Resp: 52288

Ion	Ratio	Lower	Upper
180	100		
182	95.9	76.5	114.7
145	28.8	24.1	36.1

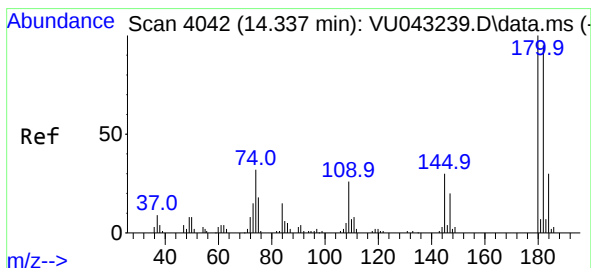
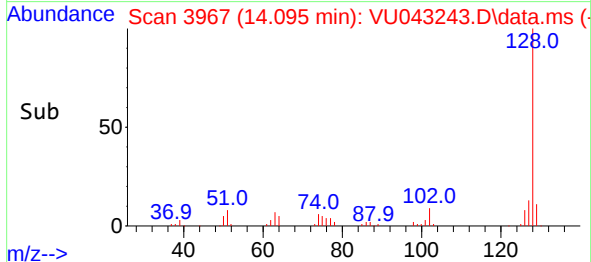
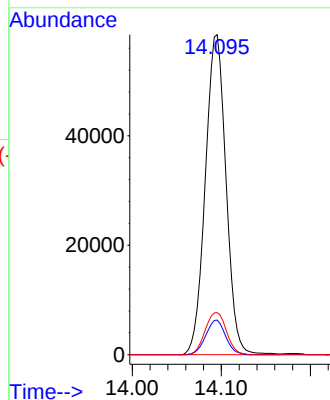
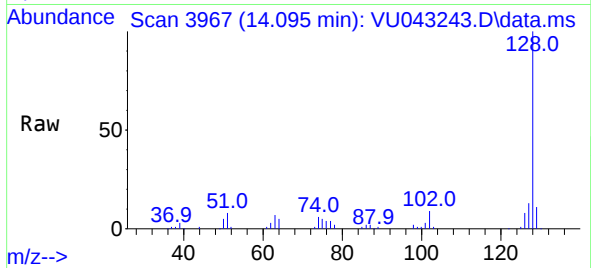




#71
Naphthalene
Concen: 5.05 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. -0.000 min
Lab File: VU043243.D
Acq: 21 Apr 2021 12:17

Instrument :
MSVOA_U
ClientSampleId :
H4536MS

Tgt Ion:	128	Resp:	94350
Ion	Ratio	Lower	Upper
128	100		
129	10.3	8.6	12.8
127	13.5	10.6	15.8



#72
1,2,3-Trichlorobenzene
Concen: 4.99 ug/L
RT: 14.336 min Scan# 4042
Delta R.T. -0.000 min
Lab File: VU043243.D
Acq: 21 Apr 2021 12:17

Tgt Ion:	180	Resp:	50694
Ion	Ratio	Lower	Upper
180	100		
182	95.7	75.8	113.8
145	29.8	25.0	37.4

