

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042121\
 Data File : VU043247.D
 Acq On : 21 Apr 2021 13:53
 Operator : SY/MD
 Sample : M2055-03MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4476MSD

Quant Time: Apr 22 04:42:37 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	85441	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	84629	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	45737	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	18067	4.16	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.20%
7) Chloroethane-d5	1.919	69	17926	4.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.60%
11) 1,1-Dichloroethene-d2	2.575	65	12778	5.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.60%
20) 2-Butanone-d5	4.652	46	116783	61.28	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.56%
24) Chloroform-d	5.073	84	59897	5.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.40%
26) 1,2-Dichloroethane-d4	5.713	65	36744	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
32) Benzene-d6	5.735	84	102443	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.00%
36) 1,2-Dichloropropane-d6	6.700	67	34846	5.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.60%
41) Toluene-d8	7.906	98	97964	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
43) trans-1,3-Dichloroprop...	8.185	79	14820	5.14	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.80%
46) 2-Hexanone-d5	8.642	63	73801	51.28	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.56%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	31545	5.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.80%
66) 1,2-Dichlorobenzene-d4	12.201	152	39433	5.03	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.60%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	15623	2.85	ug/L	98
3) Chloromethane	1.523	50	20796	3.86	ug/L	98
5) Vinyl chloride	1.607	62	22159	3.95	ug/L	97
6) Bromomethane	1.864	94	13895	4.15	ug/L	98
8) Chloroethane	1.941	64	15531	3.84	ug/L	94
9) Trichlorofluoromethane	2.144	101	45892	4.39	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	26967	4.78	ug/L	95
12) 1,1-Dichloroethene	2.588	96	24423	5.14	ug/L	87
13) Acetone	2.674	43	83304	59.49	ug/L	# 66
14) Carbon disulfide	2.800	76	76238	6.30	ug/L	99
15) Methyl Acetate	2.967	43	17542	6.66	ug/L	# 84
16) Methylene chloride	3.057	84	30607	4.98	ug/L	83
17) Methyl tert-butyl Ether	3.375	73	80769	5.20	ug/L	# 91
18) trans-1,2-Dichloroethene	3.362	96	27785	5.49	ug/L	86
19) 1,1-Dichloroethane	3.880	63	58903	5.34	ug/L	99
21) 2-Butanone	4.732	43	133808	57.90	ug/L	83
22) cis-1,2-Dichloroethene	4.678	96	30271	5.05	ug/L	88
23) Bromochloromethane	4.983	128	15040	5.50	ug/L	# 76
25) Chloroform	5.099	83	63509	5.40	ug/L	100

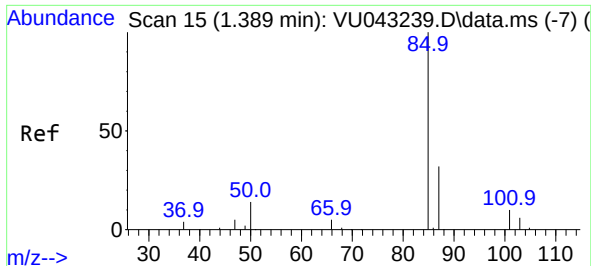
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042121\
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	48034	5.57	ug/L #	93
29) 1,1,1-Trichloroethane	5.324	97	53646	5.14	ug/L	95
30) Cyclohexane	5.398	56	48263	5.39	ug/L	85
31) Carbon tetrachloride	5.533	117	44779	5.14	ug/L	100
33) Benzene	5.784	78	125647	5.55	ug/L	100
34) Trichloroethene	6.549	95	31819	5.10	ug/L	98
35) Methylcyclohexane	6.771	83	46927	5.44	ug/L	88
37) 1,2-Dichloropropane	6.800	63	35001	5.49	ug/L	98
38) Bromodichloromethane	7.115	83	46262	5.41	ug/L	95
39) cis-1,3-Dichloropropene	7.616	75	48035	5.16	ug/L	97
40) 4-Methyl-2-pentanone	7.800	43	318998	55.97	ug/L #	83
42) Toluene	7.976	91	138663	5.48	ug/L	97
44) trans-1,3-Dichloropropene	8.218	75	45572	5.20	ug/L	94
45) 1,1,2-Trichloroethane	8.407	97	25672	5.39	ug/L	96
47) Tetrachloroethene	8.562	164	26344	5.33	ug/L	96
48) 2-Hexanone	8.693	43	249340	59.45	ug/L #	82
49) Dibromochloromethane	8.816	129	31540	5.25	ug/L	94
50) 1,2-Dibromoethane	8.931	107	24582	5.19	ug/L #	98
51) Chlorobenzene	9.452	112	85073	5.28	ug/L	95
52) Ethylbenzene	9.578	91	149365	5.16	ug/L	97
53) m,p-Xylene	9.700	106	55306	5.22	ug/L	88
54) o-Xylene	10.108	106	53566	5.11	ug/L	91
55) Styrene	10.121	104	90019	5.01	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.790	83	34020	5.44	ug/L	98
59) Bromoform	10.298	173	19405	5.19	ug/L	97
60) Isopropylbenzene	10.491	105	147772	5.04	ug/L	96
61) 1,2,3-Trichloropropane	10.828	75	25976	5.50	ug/L	96
62) 1,3,5-Trimethylbenzene	11.095	105	119933	5.00	ug/L	95
63) 1,2,4-Trimethylbenzene	11.475	105	121484	4.92	ug/L	97
64) 1,3-Dichlorobenzene	11.751	146	71567	5.14	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	72165	5.11	ug/L	99
67) 1,2-Dichlorobenzene	12.217	146	69521	5.14	ug/L	93
68) 1,2-Dibromo-3-chloropr...	13.002	75	5995	5.21	ug/L	98
69) 1,3,5-Trichlorobenzene	13.224	180	57526	5.03	ug/L	99
70) 1,2,4-trichlorobenzene	13.848	180	49724	5.25	ug/L	99
71) Naphthalene	14.092	128	90438	5.67	ug/L	99
72) 1,2,3-Trichlorobenzene	14.336	180	47186	5.44	ug/L	97

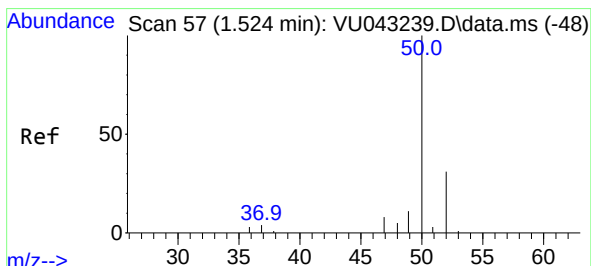
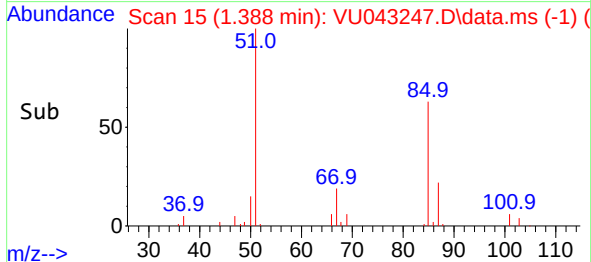
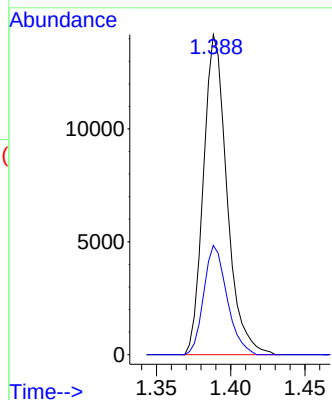
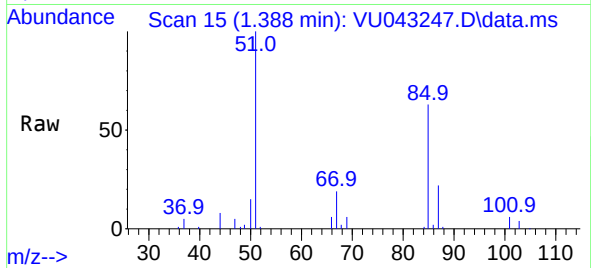
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#2
Dichlorodifluoromethane
Concen: 2.85 ug/L
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU043247.D
Acq: 21 Apr 2021 13:53

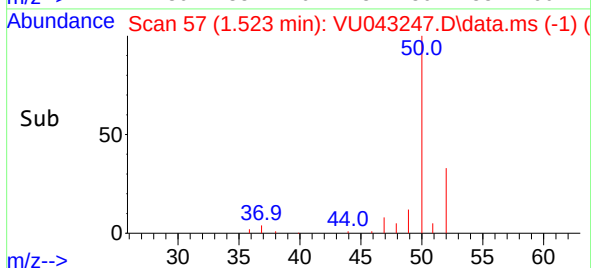
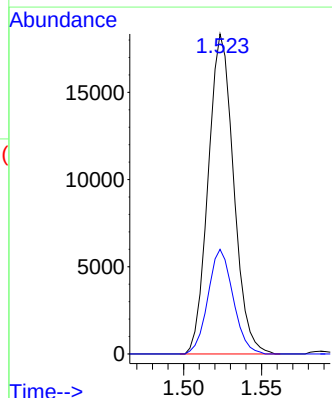
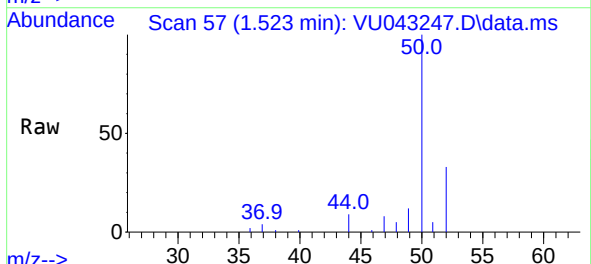
Instrument :
MSVOA_U
ClientSampleId :
H4476MSD

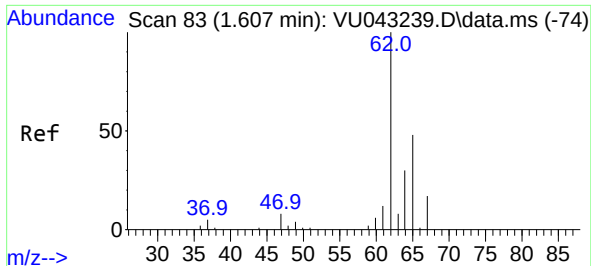
Tgt Ion: 85 Resp: 15623
Ion Ratio Lower Upper
85 100
87 33.8 26.3 39.5



#3
Chloromethane
Concen: 3.86 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU043247.D
Acq: 21 Apr 2021 13:53

Tgt Ion: 50 Resp: 20796
Ion Ratio Lower Upper
50 100
52 32.7 23.6 43.8

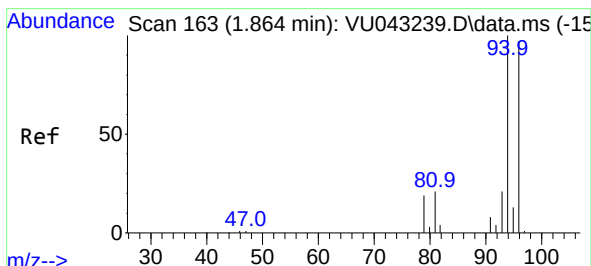
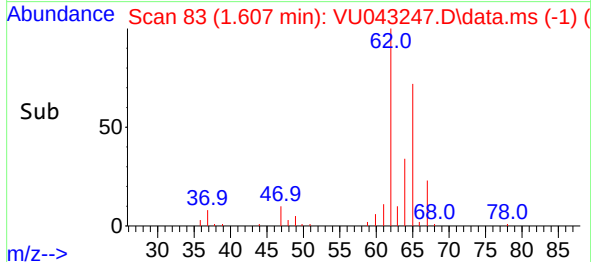
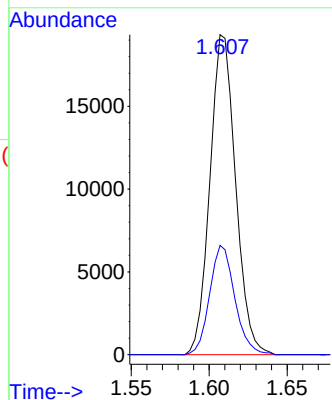
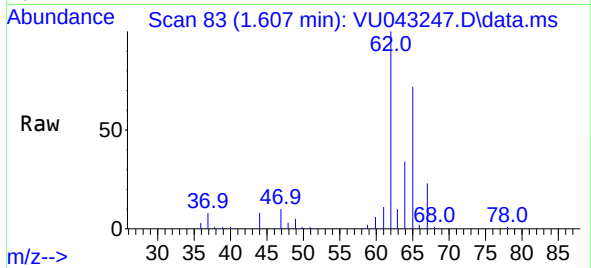




#5
 Vinyl chloride
 Concen: 3.95 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU043247.D
 Acq: 21 Apr 2021 13:53

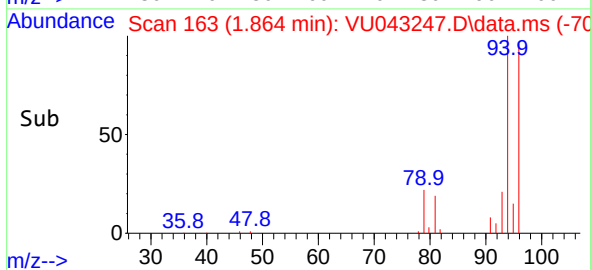
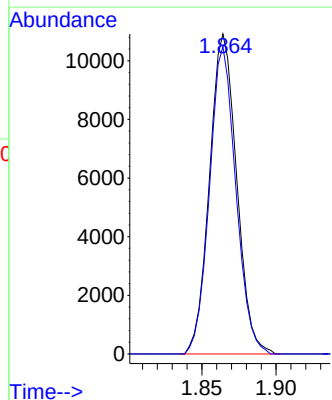
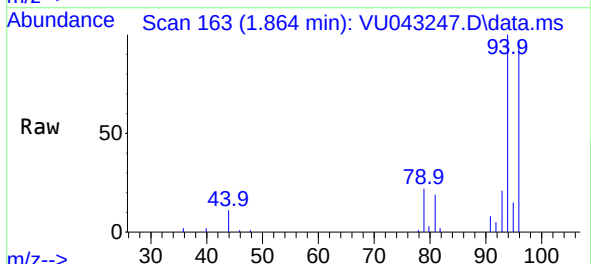
Instrument :
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 ClientSampled :
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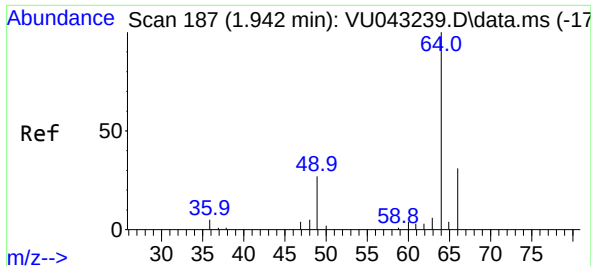
Tgt Ion: 62 Resp: 22159
 Ion Ratio Lower Upper
 62 100
 64 34.2 22.8 42.4



#6
 Bromomethane
 Concen: 4.15 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. -0.000 min
 Lab File: VU043247.D
 Acq: 21 Apr 2021 13:53

Tgt Ion: 94 Resp: 13895
 Ion Ratio Lower Upper
 94 100
 96 96.1 66.1 122.7

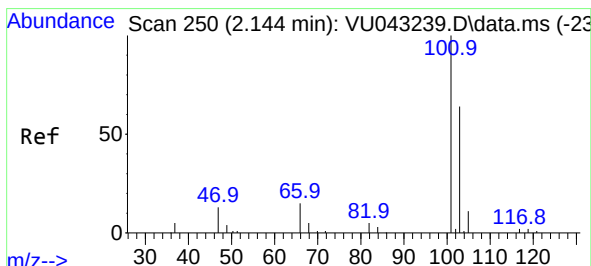
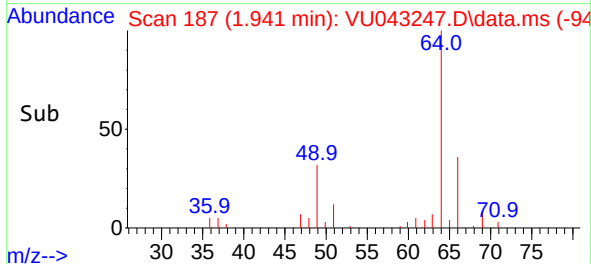
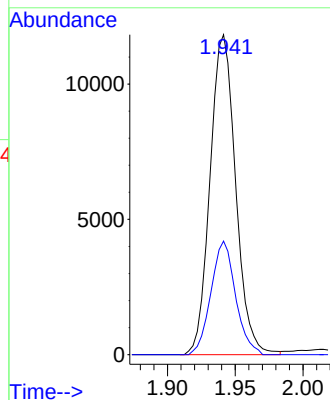
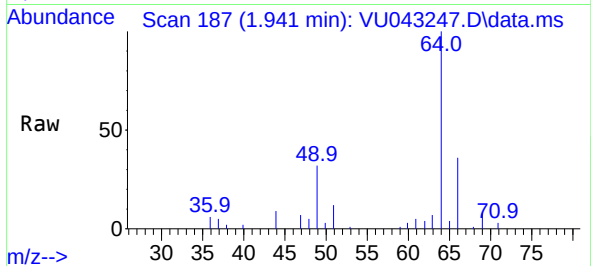




#8
Chloroethane
Concen: 3.84 ug/L
RT: 1.941 min Scan# 187
Delta R.T. -0.000 min
Lab File: VU043247.D
Acq: 21 Apr 2021 13:53

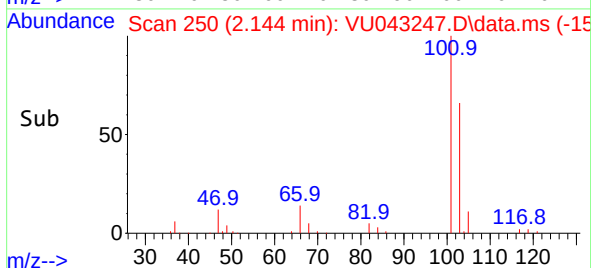
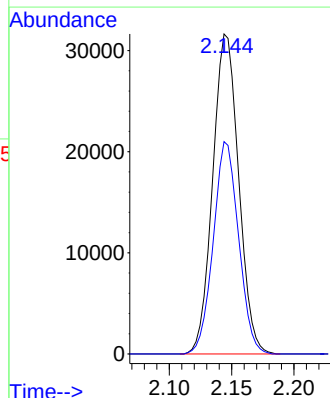
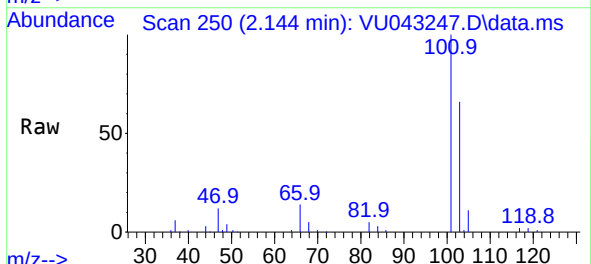
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ClientSampleId :
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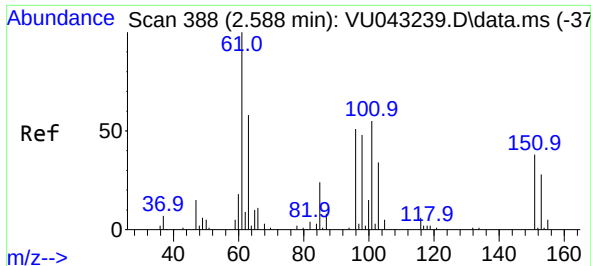
Tgt Ion: 64 Resp: 15531
Ion Ratio Lower Upper
64 100
66 35.5 22.4 41.6



#9
Trichlorofluoromethane
Concen: 4.39 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU043247.D
Acq: 21 Apr 2021 13:53

Tgt Ion:101 Resp: 45892
Ion Ratio Lower Upper
101 100
103 64.7 51.5 77.3

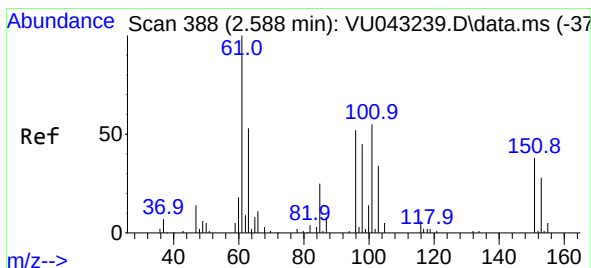
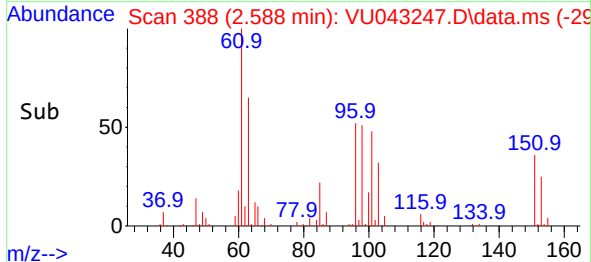
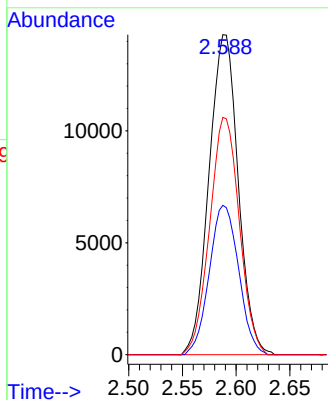
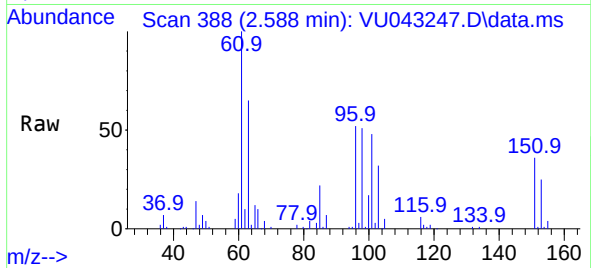




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.78 ug/L
RT: 2.588 min Scan# 388
Delta R.T. -0.000 min
Lab File: VU043247.D
Acq: 21 Apr 2021 13:53

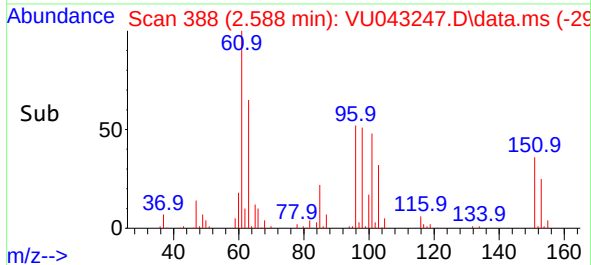
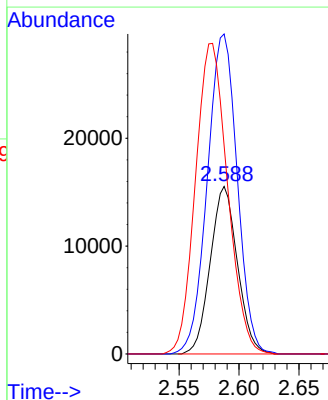
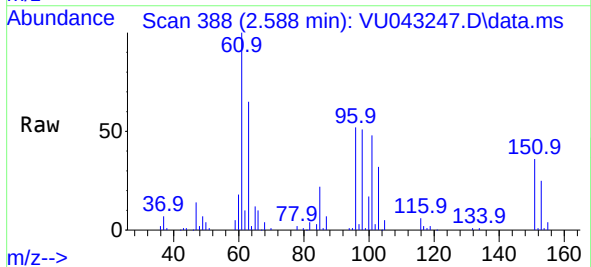
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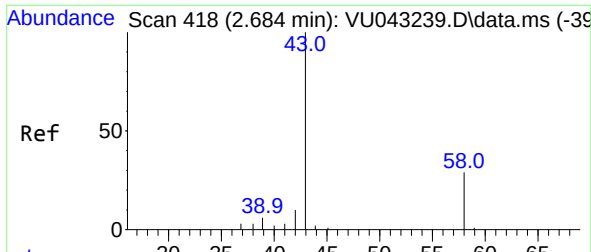
Tgt Ion:101 Resp: 26967
Ion Ratio Lower Upper
101 100
85 47.0 34.5 51.7
151 75.3 57.4 86.2



#12
1,1-Dichloroethene
Concen: 5.14 ug/L
RT: 2.588 min Scan# 388
Delta R.T. -0.000 min
Lab File: VU043247.D
Acq: 21 Apr 2021 13:53

Tgt Ion: 96 Resp: 24423
Ion Ratio Lower Upper
96 100
61 191.0 115.1 213.7
63 124.4 84.1 156.1





#13

Acetone

Concen: 59.49 ug/L

RT: 2.674 min Scan# 415

Delta R.T. -0.010 min

Lab File: VU043247.D

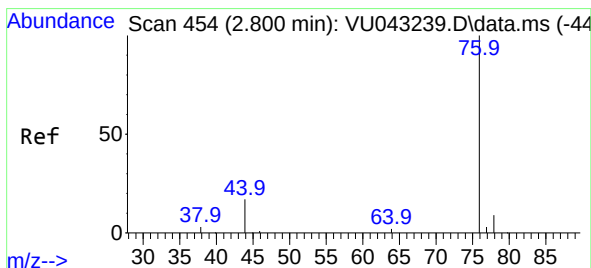
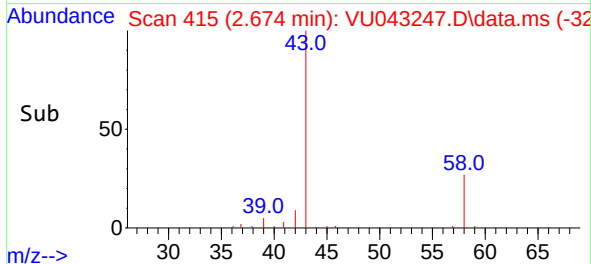
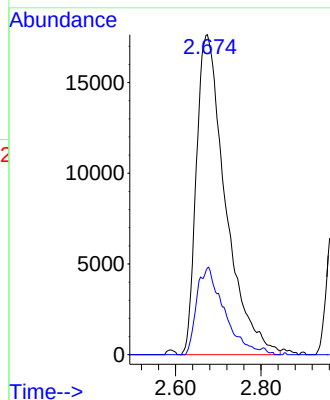
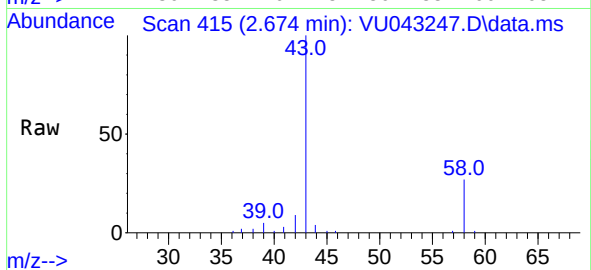
Acq: 21 Apr 2021 13:53

Tgt Ion: 43 Resp: 83304

Ion Ratio Lower Upper

43 100

58 25.8 0.0 25.0#



#14

Carbon disulfide

Concen: 6.30 ug/L

RT: 2.800 min Scan# 454

Delta R.T. -0.000 min

Lab File: VU043247.D

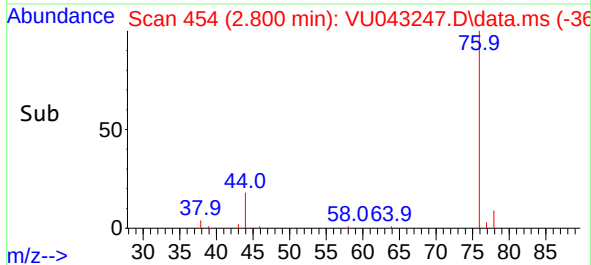
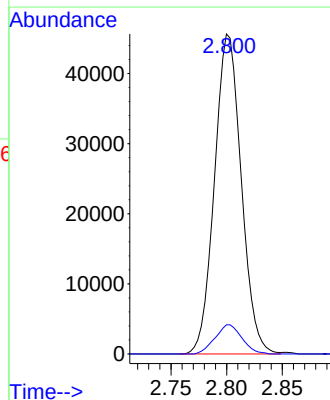
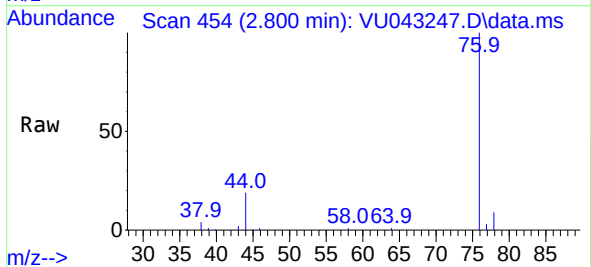
Acq: 21 Apr 2021 13:53

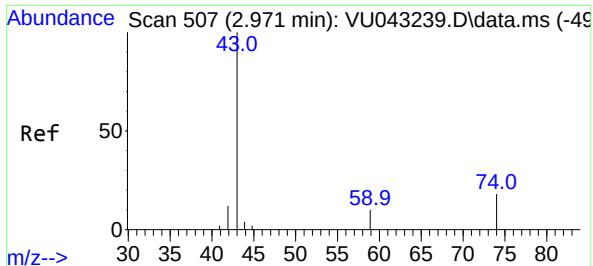
Tgt Ion: 76 Resp: 76238

Ion Ratio Lower Upper

76 100

78 9.1 7.5 11.3

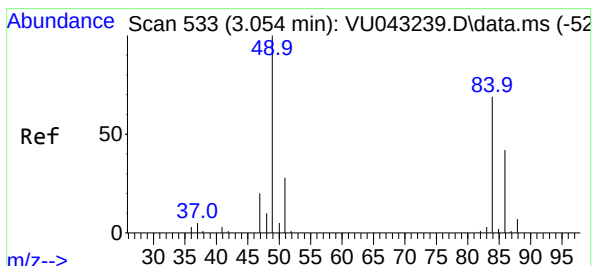
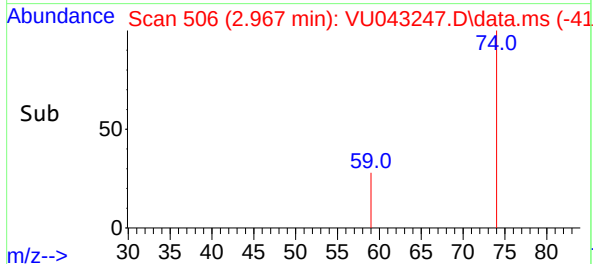
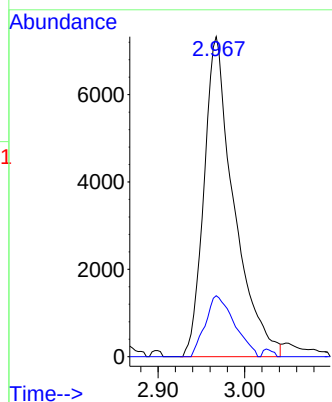
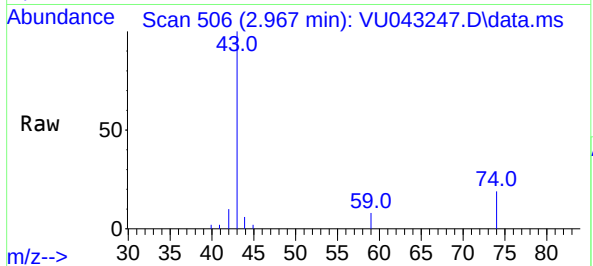




#15
Methyl Acetate
Concen: 6.66 ug/L
RT: 2.967 min Scan# 506
Delta R.T. -0.004 min
Lab File: VU043247.D
Acq: 21 Apr 2021 13:53

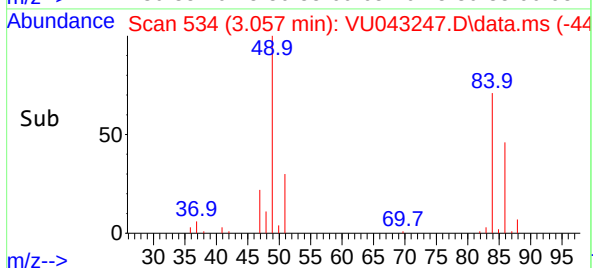
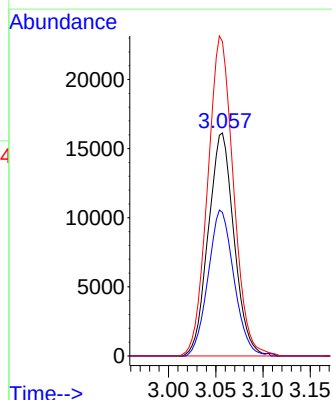
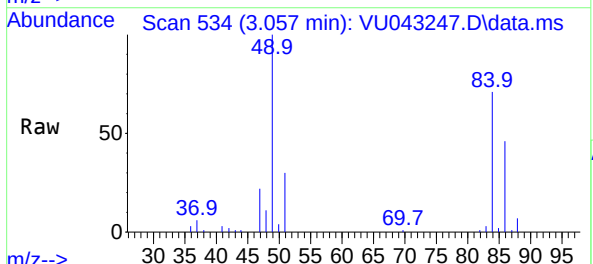
Instrument :
MSVOA_U
ClientSampleId :
H4476MSD

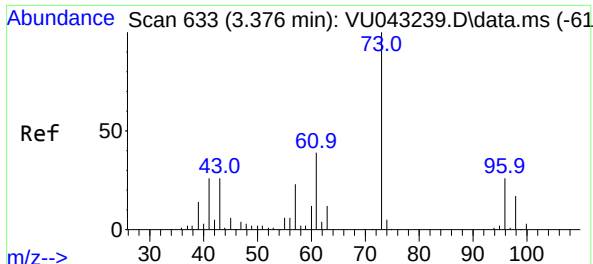
Tgt Ion: 43 Resp: 17542
Ion Ratio Lower Upper
43 100
74 18.5 21.5 32.3#



#16
Methylene chloride
Concen: 4.98 ug/L
RT: 3.057 min Scan# 534
Delta R.T. 0.003 min
Lab File: VU043247.D
Acq: 21 Apr 2021 13:53

Tgt Ion: 84 Resp: 30607
Ion Ratio Lower Upper
84 100
86 64.4 44.9 83.5
49 141.0 79.0 146.8



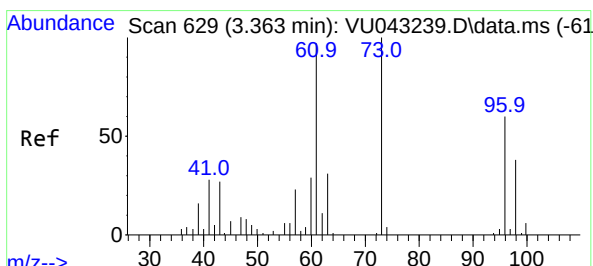
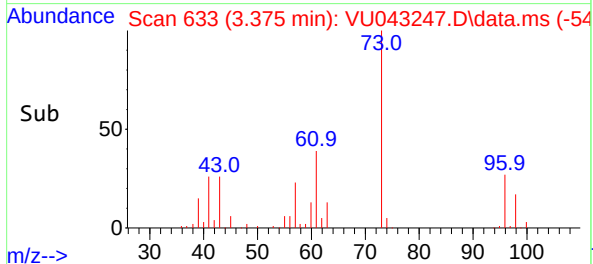
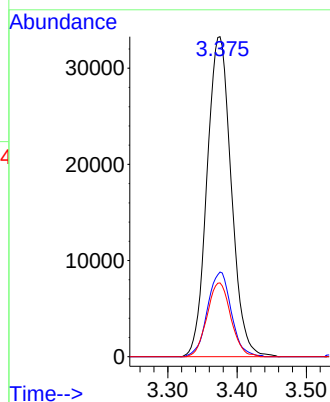
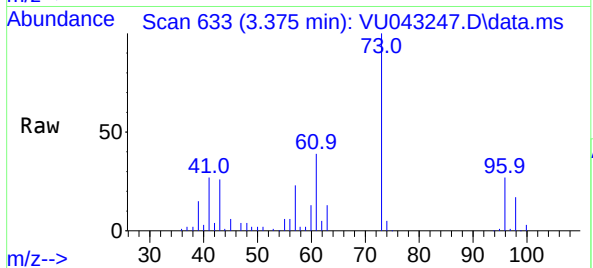


#17
Methyl tert-butyl Ether
Concen: 5.20 ug/L
RT: 3.375 min Scan# 633
Delta R.T. -0.000 min
Lab File: VU043247.D
Acq: 21 Apr 2021 13:53

Instrument :
MSVOA_U
ClientSampleId :
H4476MSD

Tgt Ion: 73 Resp: 80769

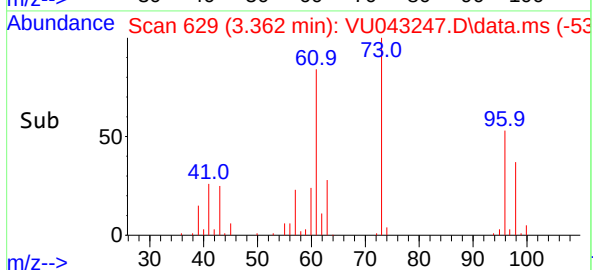
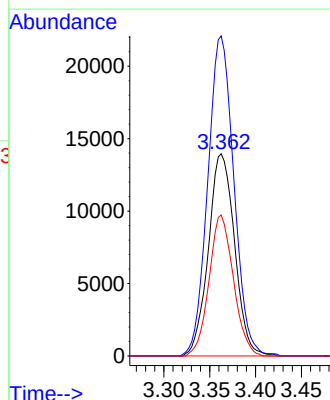
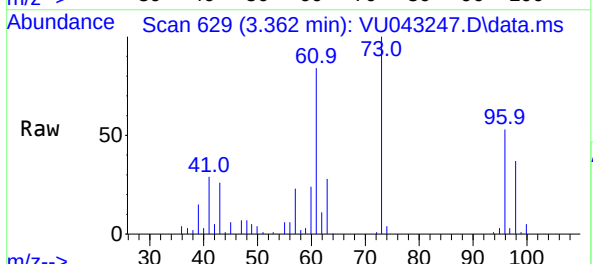
Ion	Ratio	Lower	Upper
73	100		
43	26.0	15.0	22.4#
57	22.6	17.3	25.9

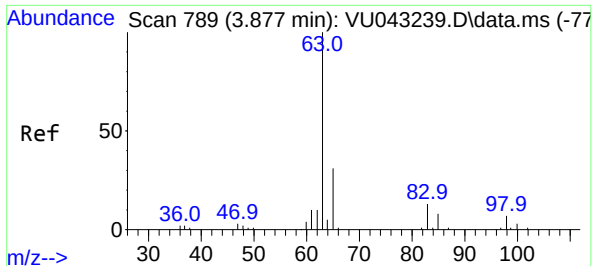


#18
trans-1,2-Dichloroethene
Concen: 5.49 ug/L
RT: 3.362 min Scan# 629
Delta R.T. -0.000 min
Lab File: VU043247.D
Acq: 21 Apr 2021 13:53

Tgt Ion: 96 Resp: 27785

Ion	Ratio	Lower	Upper
96	100		
61	158.2	96.6	179.4
98	69.7	44.7	82.9



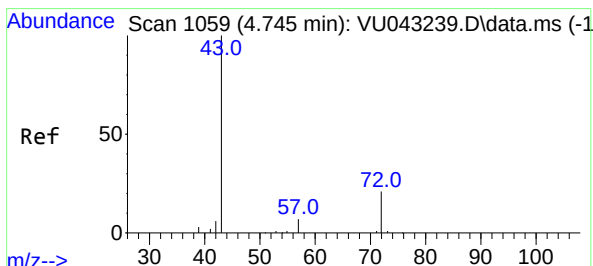
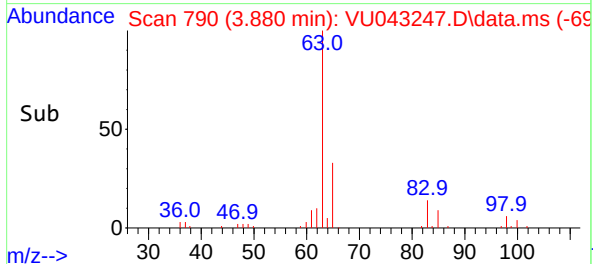
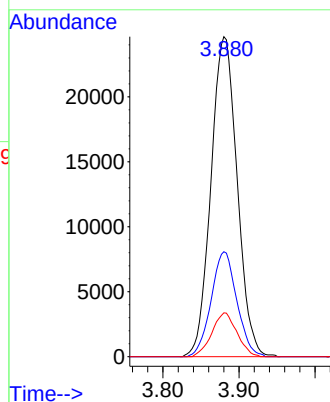
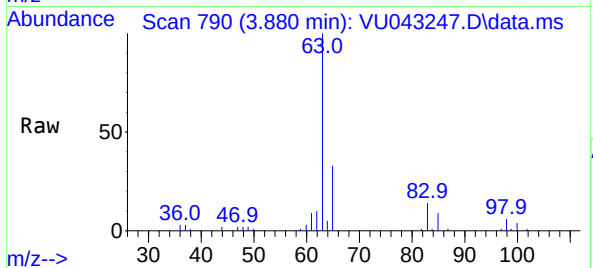


#19

1,1-Dichloroethane
Concen: 5.34 ug/L
RT: 3.880 min Scan# 790
Delta R.T. 0.003 min
Lab File: VU043247.D
Acq: 21 Apr 2021 13:53

Instrument :
MSVOA_U
ClientSampleId :
H4476MSD

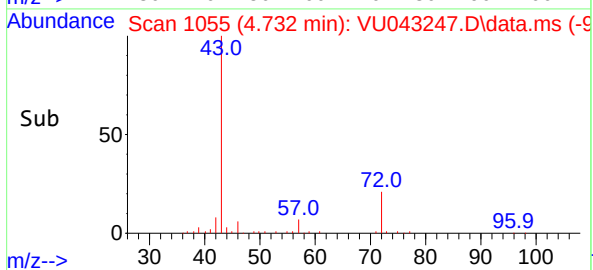
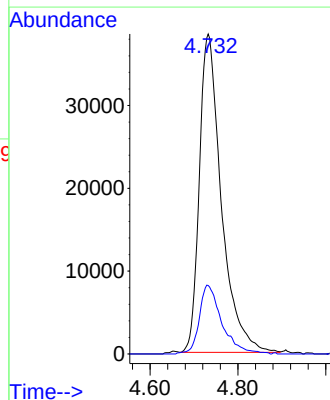
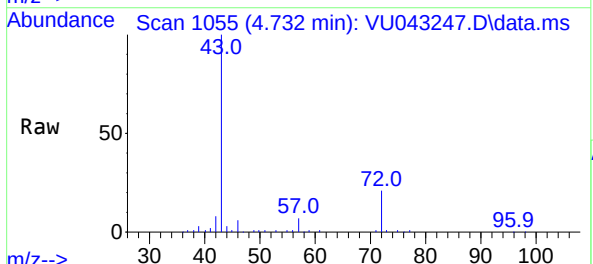
Tgt Ion: 63	Resp: 58903
Ion Ratio	Lower Upper
63 100	
65 32.8	23.2 43.0
83 13.7	9.9 18.3

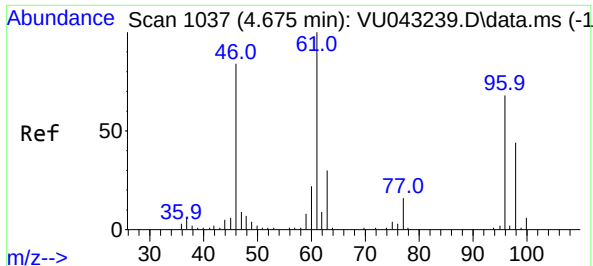


#21

2-Butanone
Concen: 57.90 ug/L
RT: 4.732 min Scan# 1055
Delta R.T. -0.013 min
Lab File: VU043247.D
Acq: 21 Apr 2021 13:53

Tgt Ion: 43	Resp: 133808
Ion Ratio	Lower Upper
43 100	
72 22.2	15.8 47.3





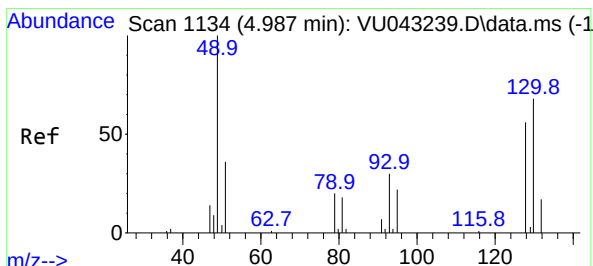
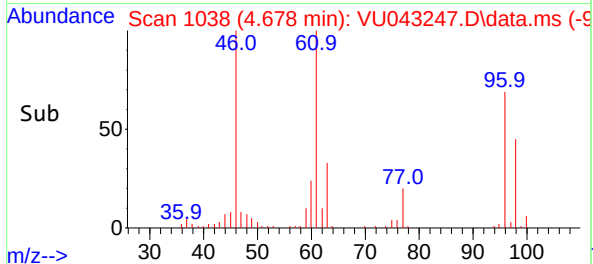
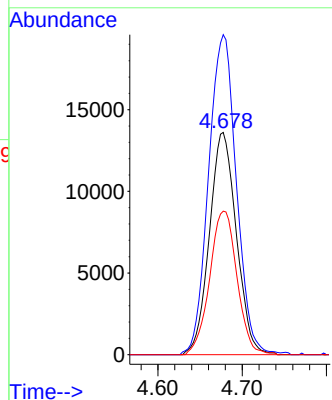
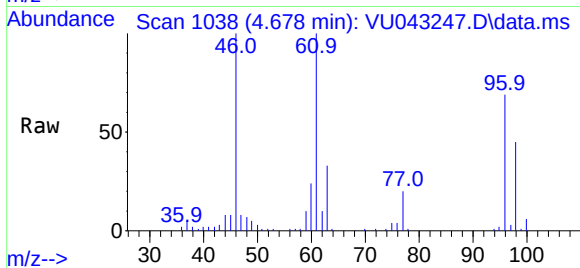
#22

cis-1,2-Dichloroethene
Concen: 5.05 ug/L
RT: 4.678 min Scan# 1038
Delta R.T. 0.003 min
Lab File: VU043247.D
Acq: 21 Apr 2021 13:53

Instrument :
MSVOA_U
ClientSampleId :
H4476MSD

Tgt Ion: 96 Resp: 30271

Ion	Ratio	Lower	Upper
96	100		
61	144.0	87.4	162.4
98	64.6	47.7	88.5

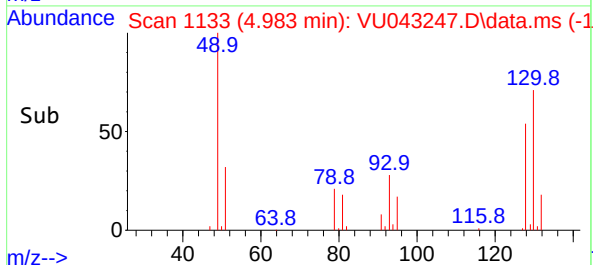
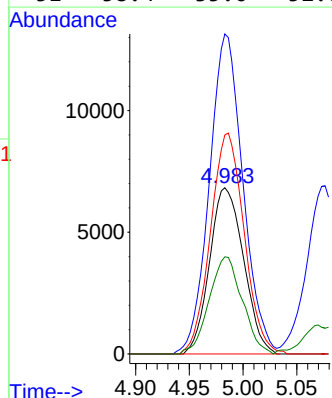
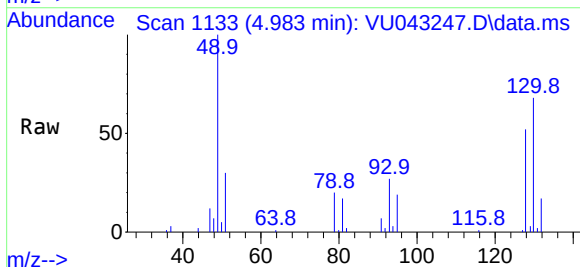


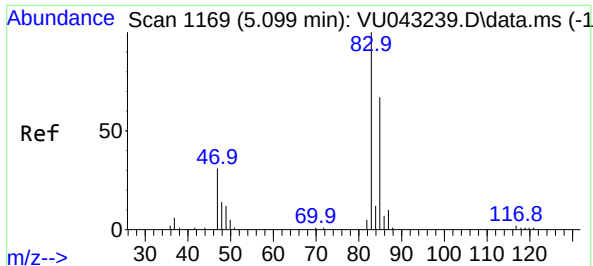
#23

Bromochloromethane
Concen: 5.50 ug/L
RT: 4.983 min Scan# 1133
Delta R.T. -0.004 min
Lab File: VU043247.D
Acq: 21 Apr 2021 13:53

Tgt Ion: 128 Resp: 15040

Ion	Ratio	Lower	Upper
128	100		
49	192.6	96.4	179.0#
130	131.8	91.2	169.4
51	58.4	35.0	52.6#



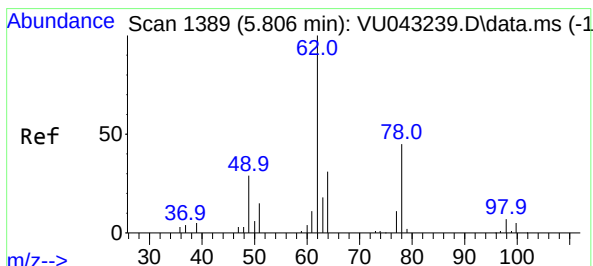
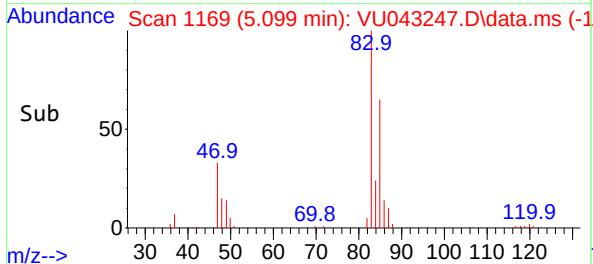
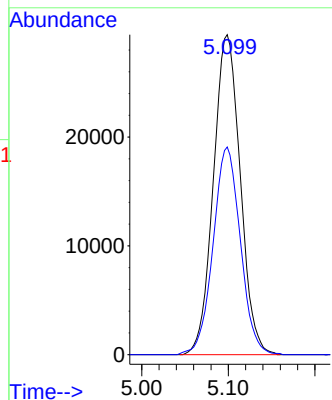
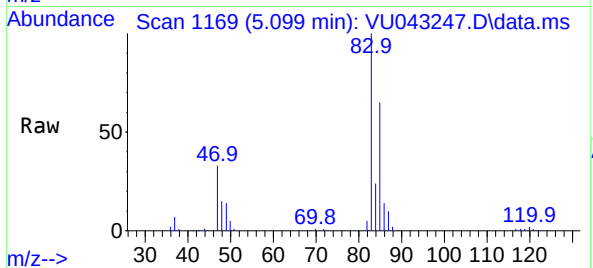


#25

Chloroform
Concen: 5.40 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VU043247.D
Acq: 21 Apr 2021 13:53

Instrument :
MSVOA_U
ClientSampleId :
H4476MSD

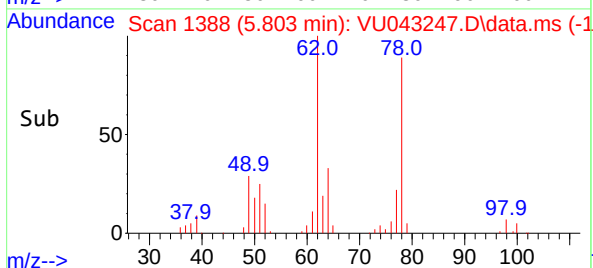
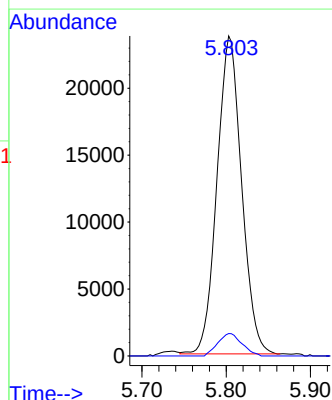
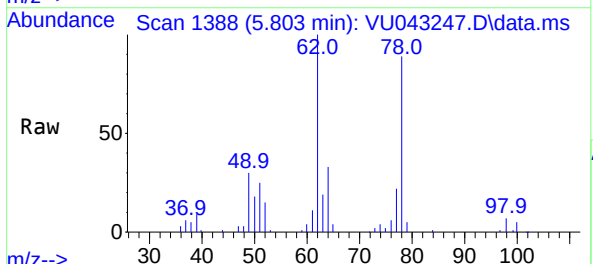
Tgt Ion: 83 Resp: 63509
Ion Ratio Lower Upper
83 100
85 64.9 45.6 84.8

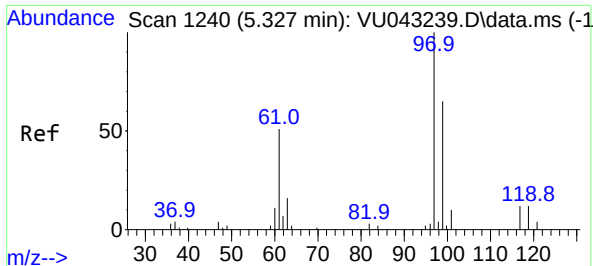


#27

1,2-Dichloroethane
Concen: 5.57 ug/L
RT: 5.803 min Scan# 1388
Delta R.T. -0.004 min
Lab File: VU043247.D
Acq: 21 Apr 2021 13:53

Tgt Ion: 62 Resp: 48034
Ion Ratio Lower Upper
62 100
98 7.0 7.5 11.3#

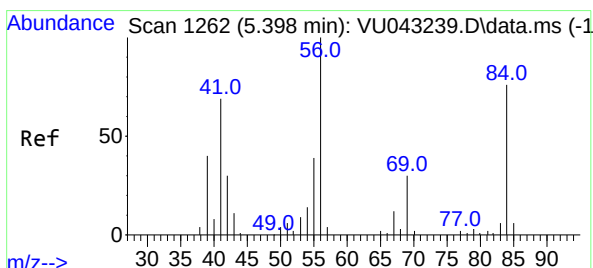
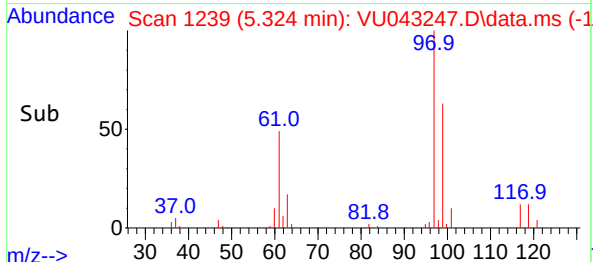
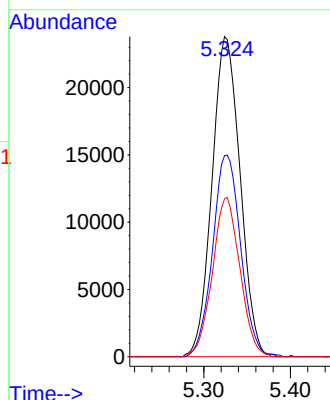
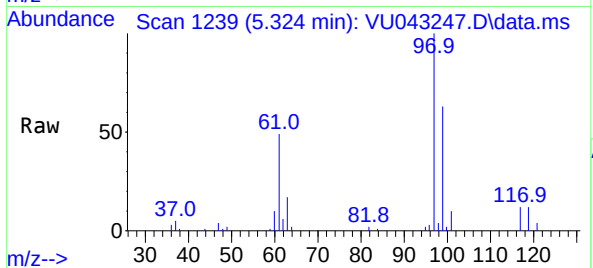




#29
1,1,1-Trichloroethane
Concen: 5.14 ug/L
RT: 5.324 min Scan# 1239
Delta R.T. -0.004 min
Lab File: VU043247.D
Acq: 21 Apr 2021 13:53

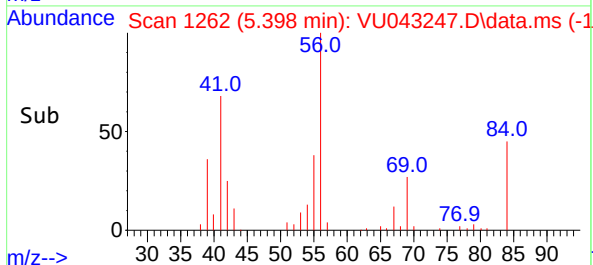
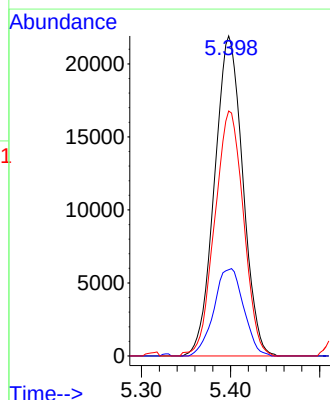
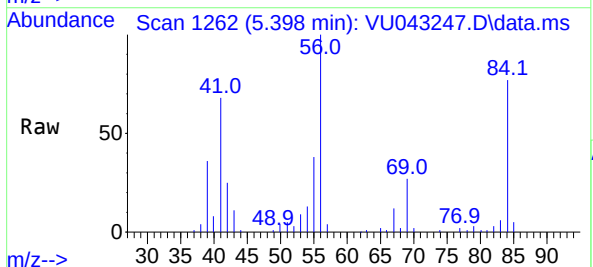
Instrument :
MSVOA_U
ClientSampleId :
H4476MSD

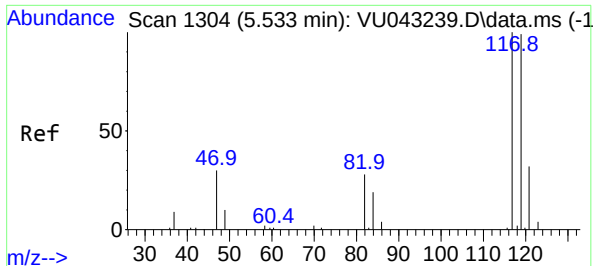
Tgt Ion:	97	Resp:	53646
Ion	Ratio	Lower	Upper
97	100		
99	62.9	50.3	75.5
61	48.7	32.7	49.1



#30
Cyclohexane
Concen: 5.39 ug/L
RT: 5.398 min Scan# 1262
Delta R.T. -0.000 min
Lab File: VU043247.D
Acq: 21 Apr 2021 13:53

Tgt Ion:	56	Resp:	48263
Ion	Ratio	Lower	Upper
56	100		
69	28.7	25.2	37.8
84	78.1	76.2	114.4

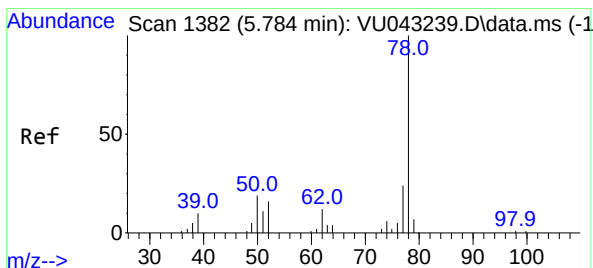
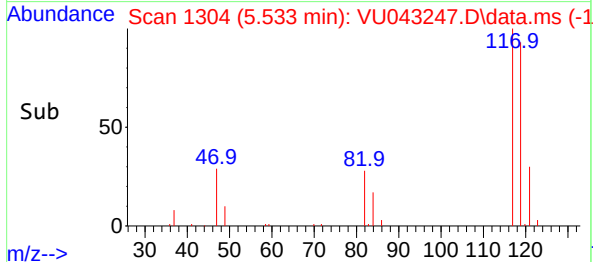
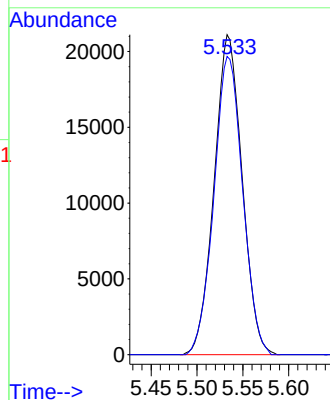
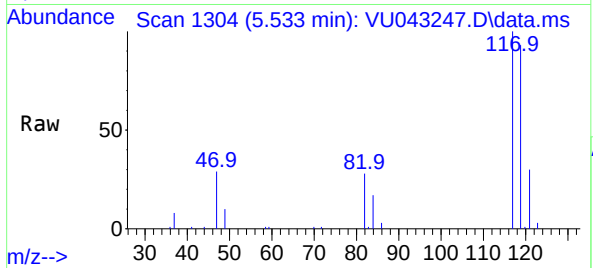




#31
Carbon tetrachloride
Concen: 5.14 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VU043247.D
Acq: 21 Apr 2021 13:53

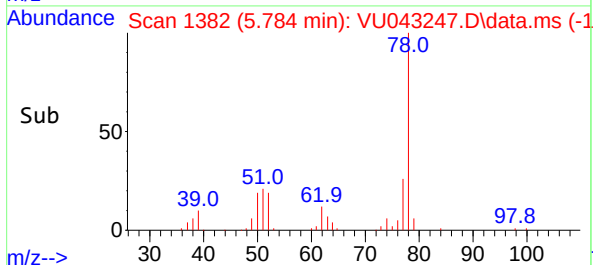
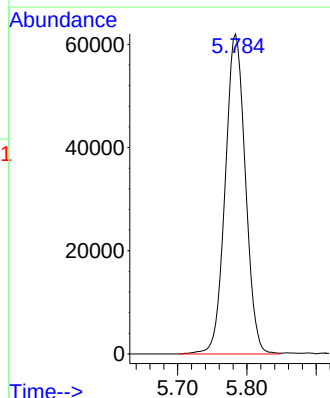
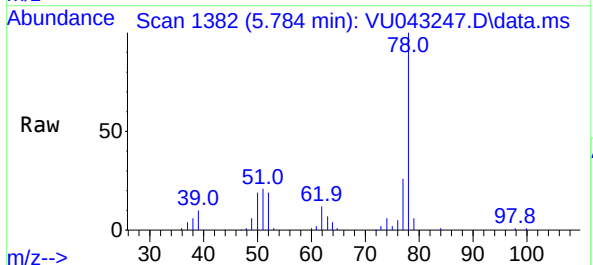
Instrument :
MSVOA_U
ClientSampleId :
H4476MSD

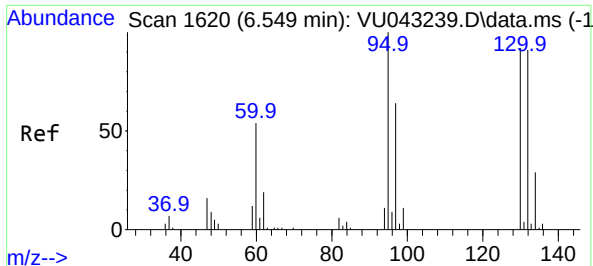
Tgt Ion:117 Resp: 44779
Ion Ratio Lower Upper
117 100
119 95.7 76.2 114.4



#33
Benzene
Concen: 5.55 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VU043247.D
Acq: 21 Apr 2021 13:53

Tgt Ion: 78 Resp: 125647

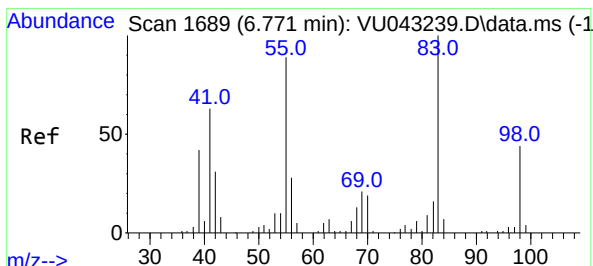
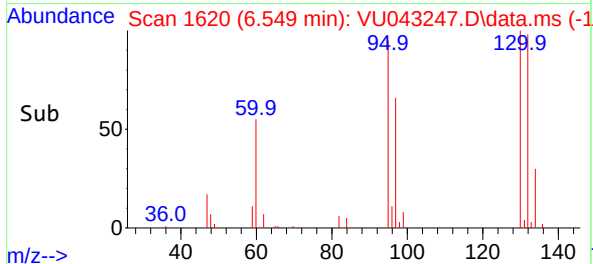
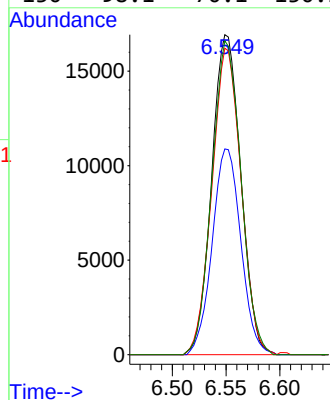
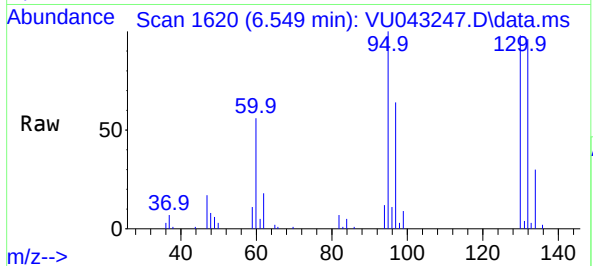




#34
Trichloroethene
Concen: 5.10 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VU043247.D
Acq: 21 Apr 2021 13:53

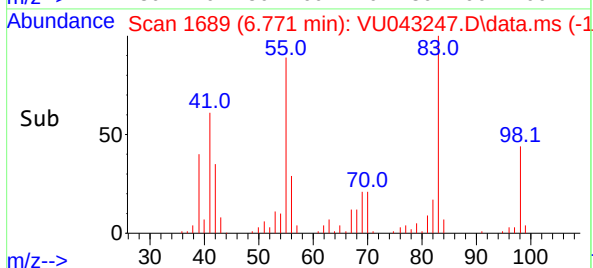
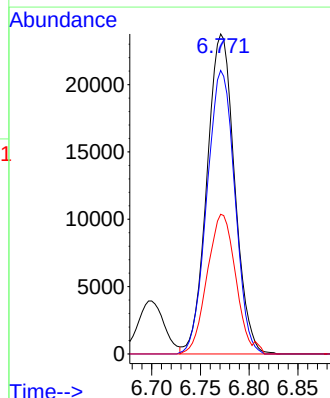
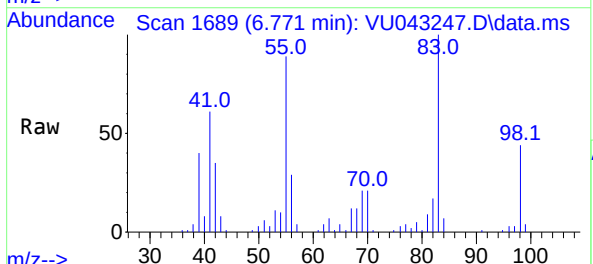
Instrument :
MSVOA_U
ClientSampleId :
H4476MSD

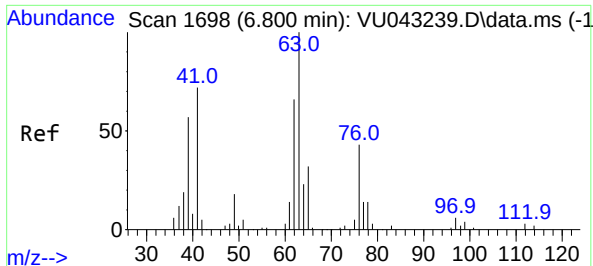
Tgt Ion: 95 Resp: 31819
Ion Ratio Lower Upper
95 100
97 64.3 45.8 85.2
132 95.7 68.7 127.7
130 98.1 70.1 130.3



#35
Methylcyclohexane
Concen: 5.44 ug/L
RT: 6.771 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VU043247.D
Acq: 21 Apr 2021 13:53

Tgt Ion: 83 Resp: 46927
Ion Ratio Lower Upper
83 100
55 89.2 59.5 89.3
98 45.2 37.9 56.9

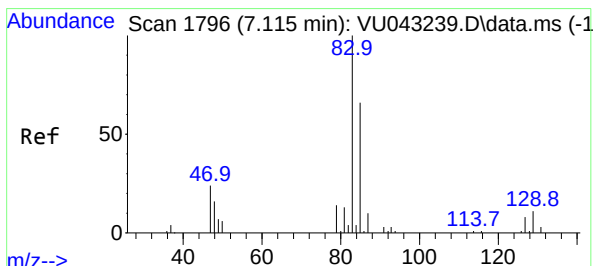
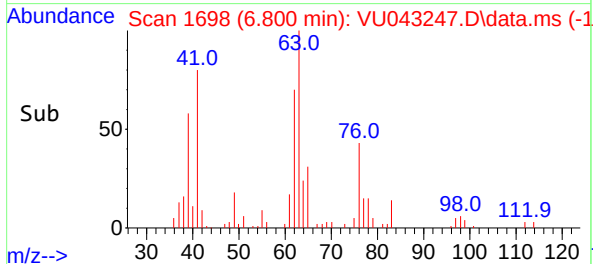
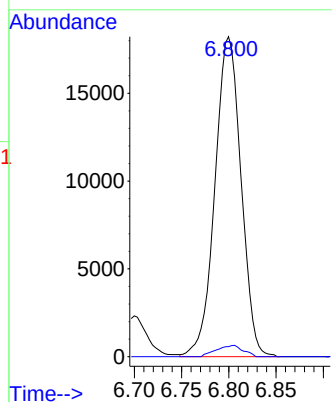
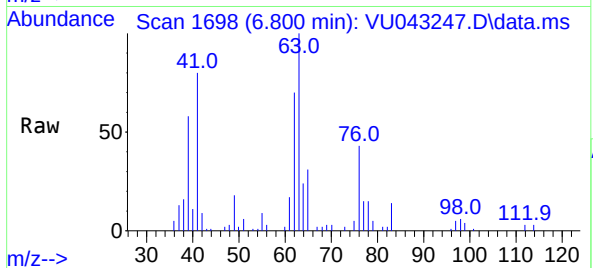




#37
1,2-Dichloropropane
Concen: 5.49 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VU043247.D
Acq: 21 Apr 2021 13:53

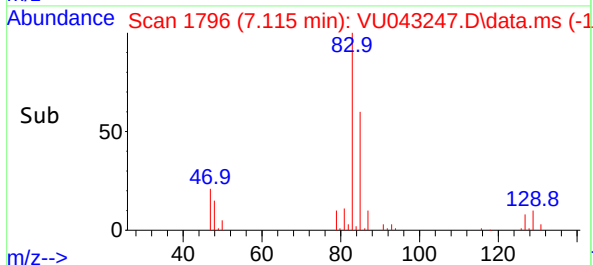
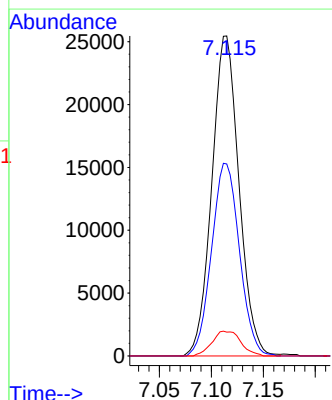
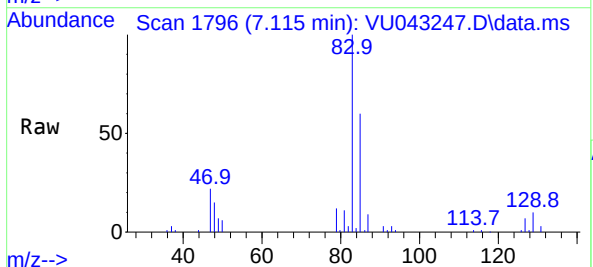
Instrument :
MSVOA_U
ClientSampleId :
H4476MSD

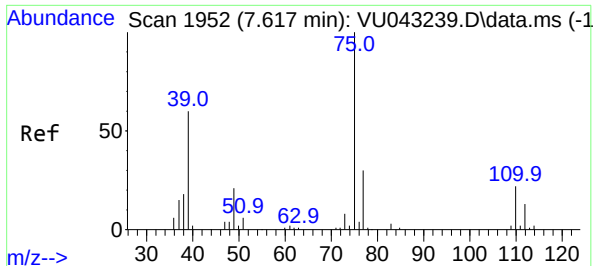
Tgt Ion: 63 Resp: 35001
Ion Ratio Lower Upper
63 100
112 3.6 3.5 5.3



#38
Bromodichloromethane
Concen: 5.41 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VU043247.D
Acq: 21 Apr 2021 13:53

Tgt Ion: 83 Resp: 46262
Ion Ratio Lower Upper
83 100
85 60.0 44.6 82.8
127 7.5 7.4 11.2

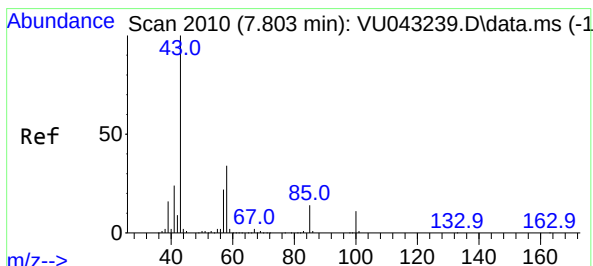
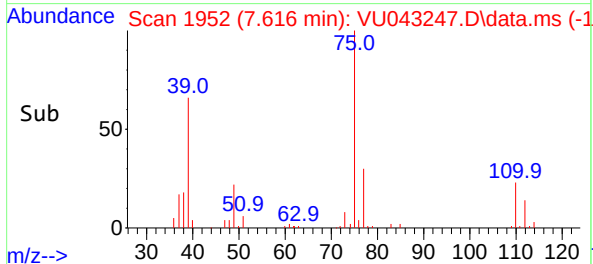
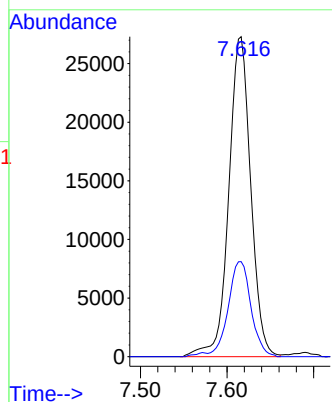
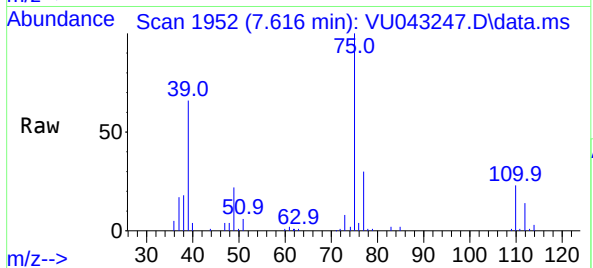




#39
cis-1,3-Dichloropropene
Concen: 5.16 ug/L
RT: 7.616 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VU043247.D
Acq: 21 Apr 2021 13:53

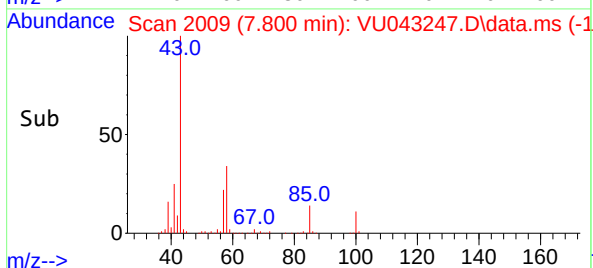
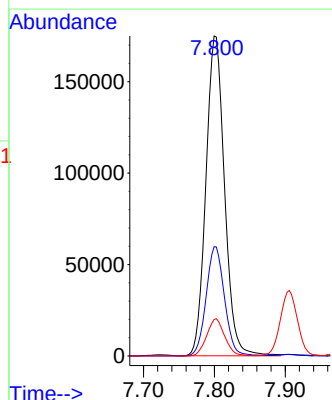
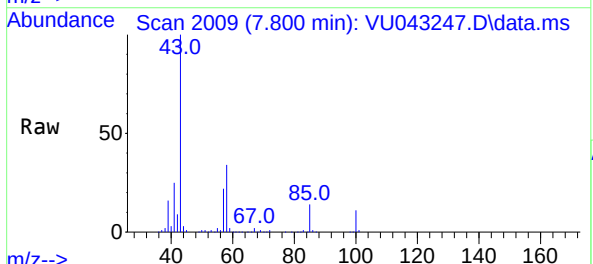
Instrument :
MSVOA_U
ClientSampleId :
H4476MSD

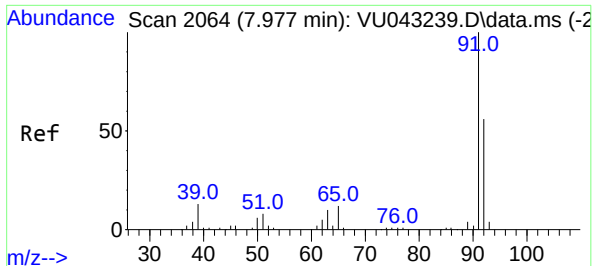
Tgt Ion: 75 Resp: 48035
Ion Ratio Lower Upper
75 100
77 29.7 21.8 40.6



#40
4-Methyl-2-pentanone
Concen: 55.97 ug/L
RT: 7.800 min Scan# 2009
Delta R.T. -0.004 min
Lab File: VU043247.D
Acq: 21 Apr 2021 13:53

Tgt Ion: 43 Resp: 318998
Ion Ratio Lower Upper
43 100
58 33.8 35.8 53.6#
100 11.3 15.1 22.7#





#42

Toluene

Concen: 5.48 ug/L

RT: 7.976 min Scan# 2064

Delta R.T. -0.000 min

Lab File: VU043247.D

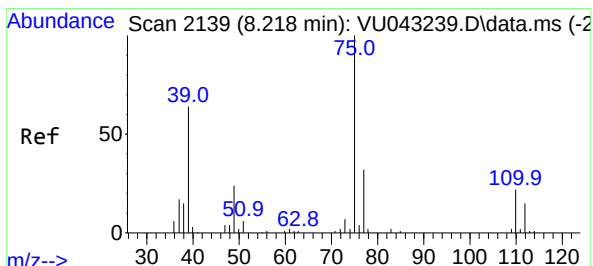
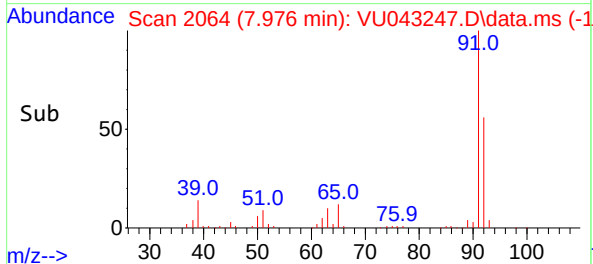
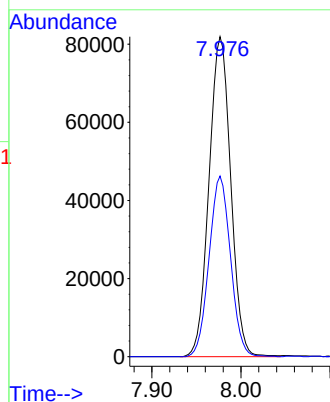
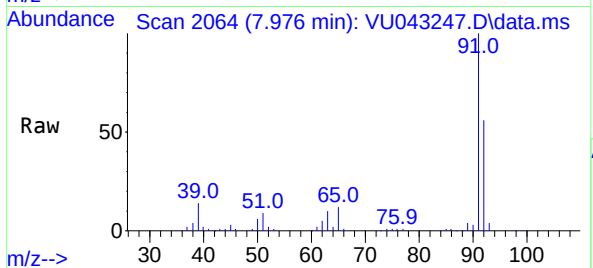
Acq: 21 Apr 2021 13:53

Tgt Ion: 91 Resp: 138663

Ion Ratio Lower Upper

91 100

92 56.5 40.9 76.0



#44

trans-1,3-Dichloropropene

Concen: 5.20 ug/L

RT: 8.218 min Scan# 2139

Delta R.T. -0.000 min

Lab File: VU043247.D

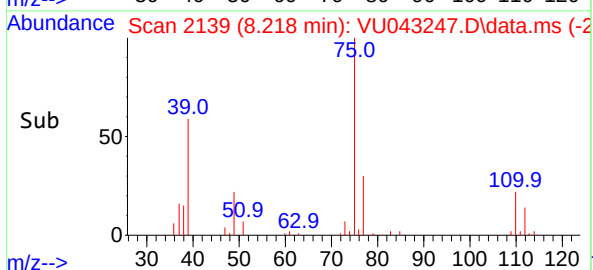
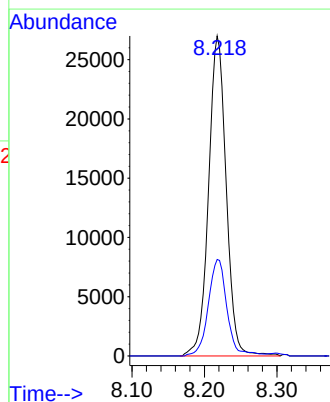
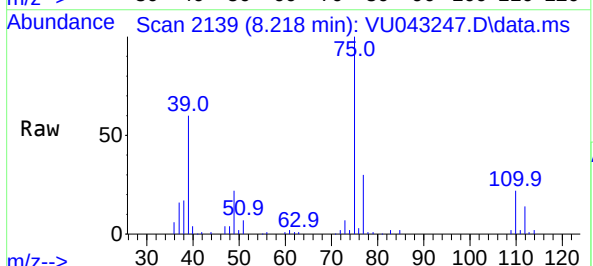
Acq: 21 Apr 2021 13:53

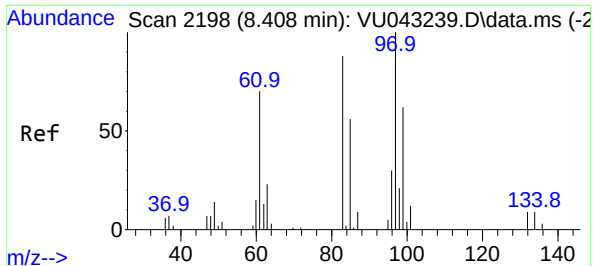
Tgt Ion: 75 Resp: 45572

Ion Ratio Lower Upper

75 100

77 30.1 23.4 43.4





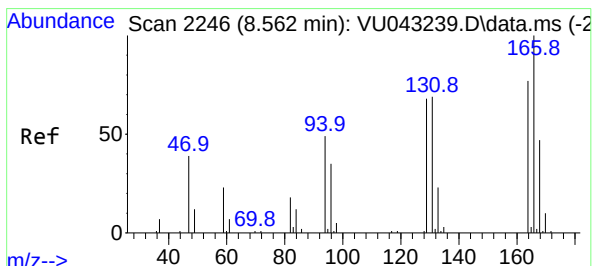
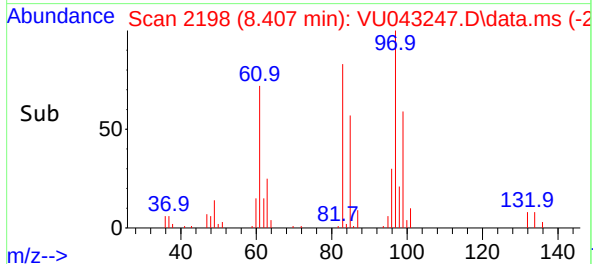
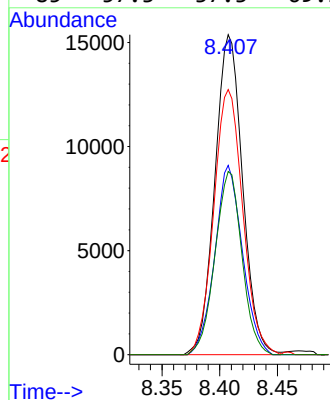
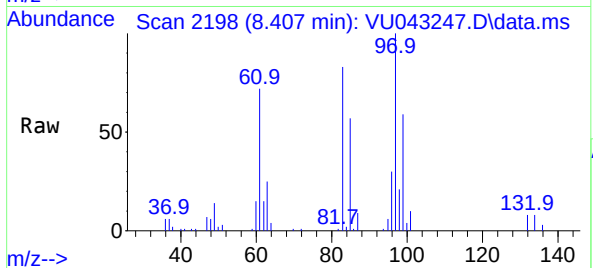
#45

1,1,2-Trichloroethane
Concen: 5.39 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. -0.000 min
Lab File: VU043247.D
Acq: 21 Apr 2021 13:53

Instrument :
MSVOA_U
ClientSampleId :
H4476MSD

Tgt Ion: 97 Resp: 25672

Ion	Ratio	Lower	Upper
97	100		
99	59.2	44.2	82.0
83	82.9	60.1	111.7
85	57.3	37.3	69.3

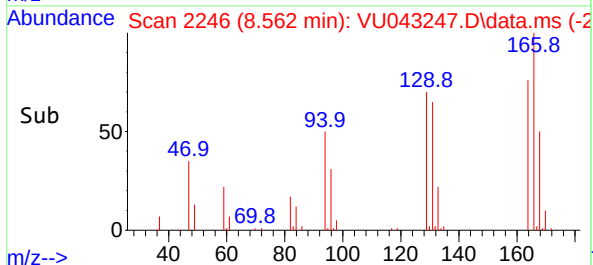
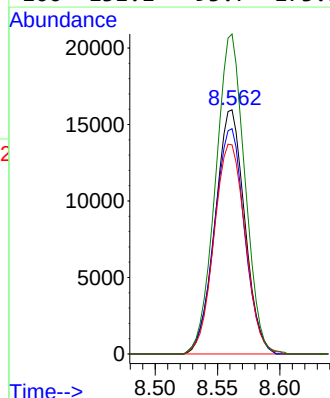
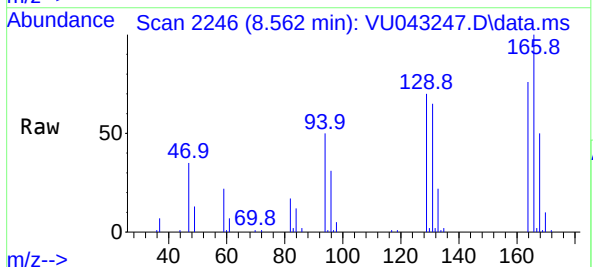


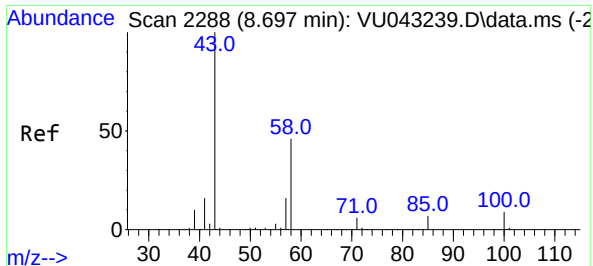
#47

Tetrachloroethene
Concen: 5.33 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VU043247.D
Acq: 21 Apr 2021 13:53

Tgt Ion: 164 Resp: 26344

Ion	Ratio	Lower	Upper
164	100		
129	92.2	66.6	123.8
131	85.6	65.9	122.3
166	131.1	93.7	173.9



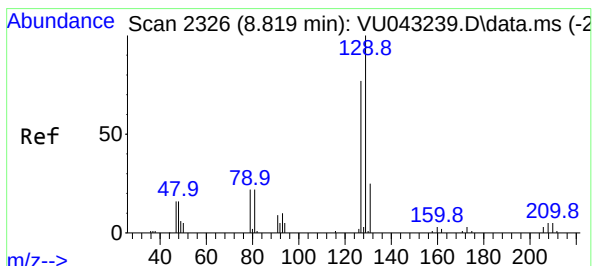
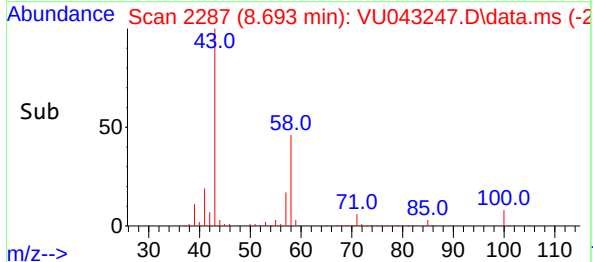
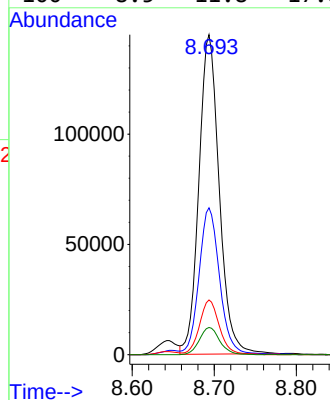
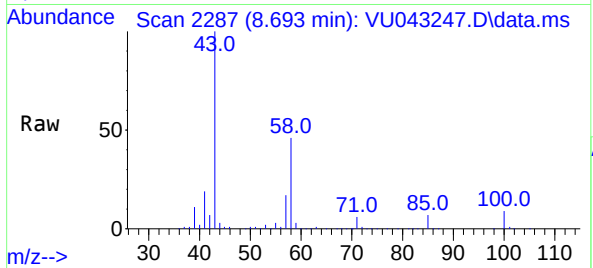


#48
2-Hexanone
Concen: 59.45 ug/L
RT: 8.693 min Scan# 2287
Delta R.T. -0.004 min
Lab File: VU043247.D
Acq: 21 Apr 2021 13:53

Instrument :
MSVOA_U
ClientSampleId :
H4476MSD

Tgt Ion: 43 Resp: 249340

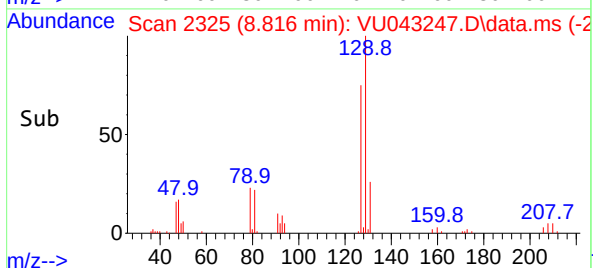
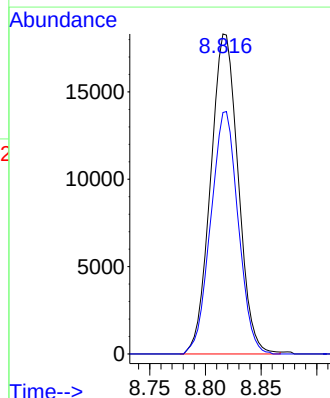
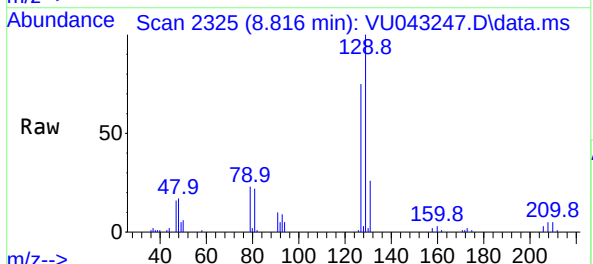
Ion	Ratio	Lower	Upper
43	100		
58	46.3	50.0	75.0#
57	16.9	17.4	26.0#
100	8.5	11.8	17.8#

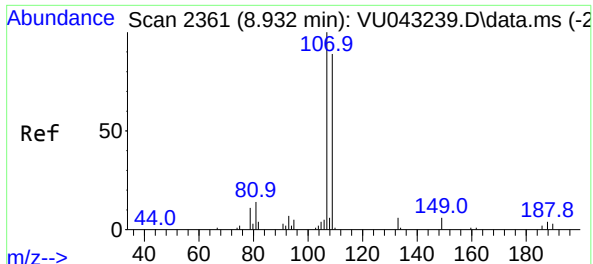


#49
Dibromochloromethane
Concen: 5.25 ug/L
RT: 8.816 min Scan# 2325
Delta R.T. -0.004 min
Lab File: VU043247.D
Acq: 21 Apr 2021 13:53

Tgt Ion: 129 Resp: 31540

Ion	Ratio	Lower	Upper
129	100		
127	75.5	56.6	105.2

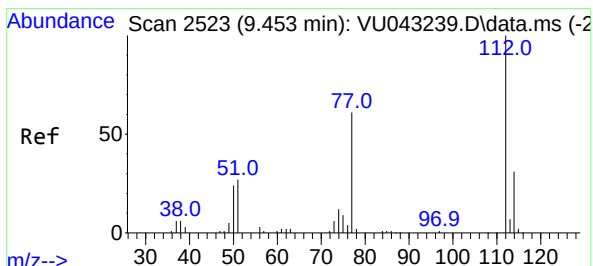
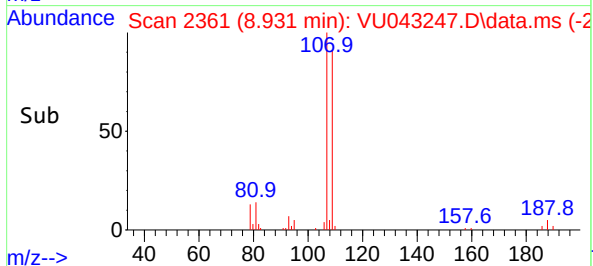
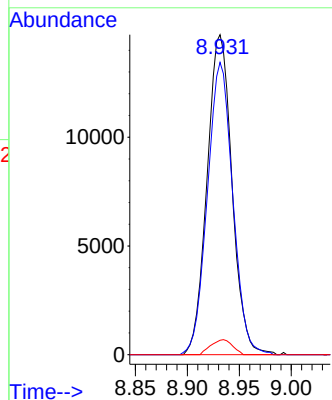
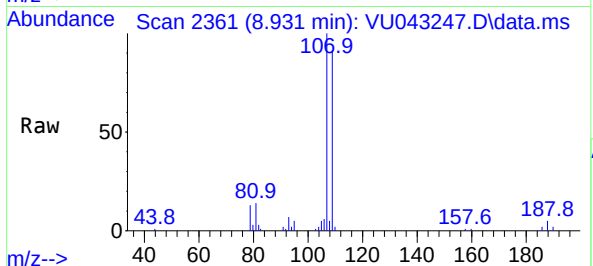




#50
1,2-Dibromoethane
Concen: 5.19 ug/L
RT: 8.931 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VU043247.D
Acq: 21 Apr 2021 13:53

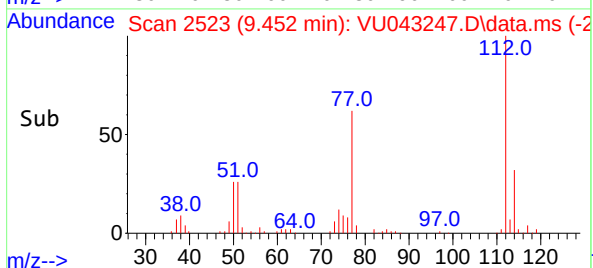
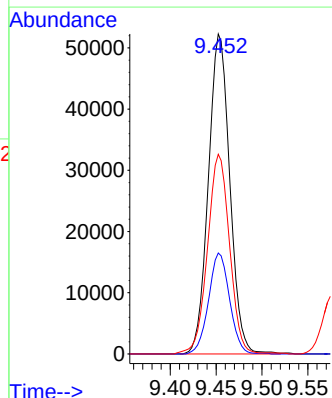
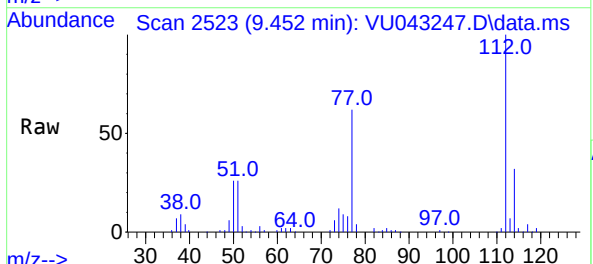
Instrument :
MSVOA_U
ClientSampleId :
H4476MSD

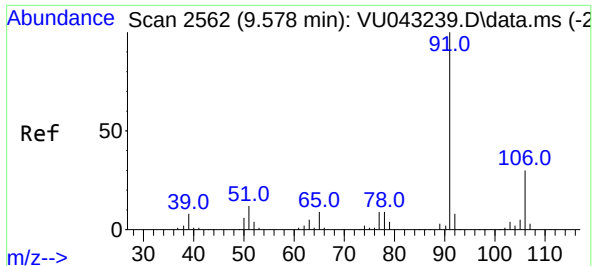
Tgt Ion:107 Resp: 24582
Ion Ratio Lower Upper
107 100
109 91.4 65.4 121.4
188 4.5 2.5 3.7#



#51
Chlorobenzene
Concen: 5.28 ug/L
RT: 9.452 min Scan# 2523
Delta R.T. -0.000 min
Lab File: VU043247.D
Acq: 21 Apr 2021 13:53

Tgt Ion:112 Resp: 85073
Ion Ratio Lower Upper
112 100
114 31.6 21.9 40.7
77 62.4 45.1 67.7

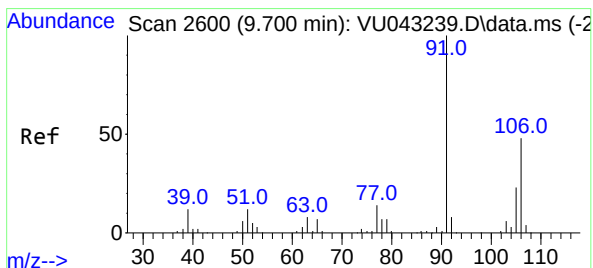
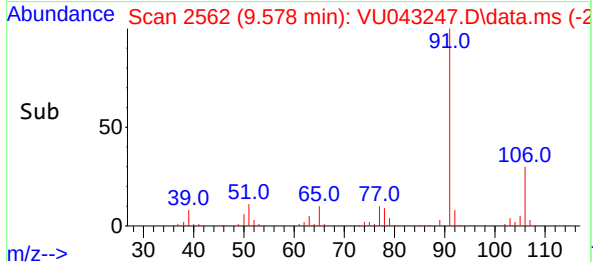
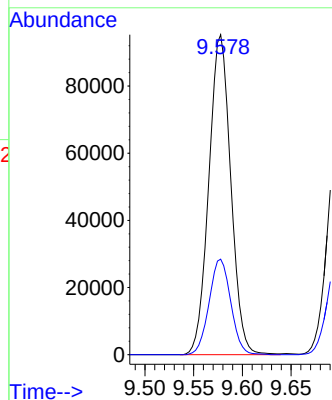
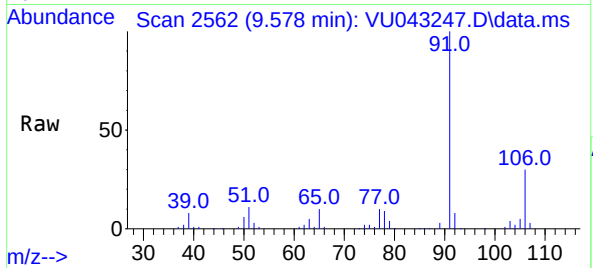




#52
Ethylbenzene
Concen: 5.16 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. -0.000 min
Lab File: VU043247.D
Acq: 21 Apr 2021 13:53

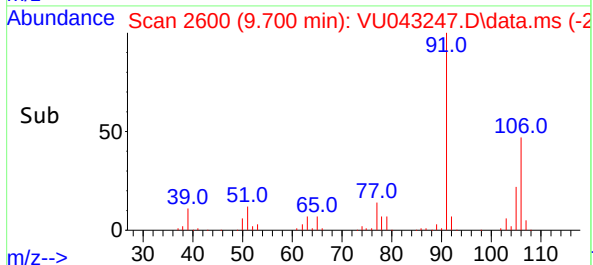
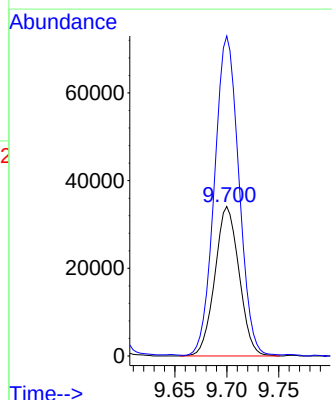
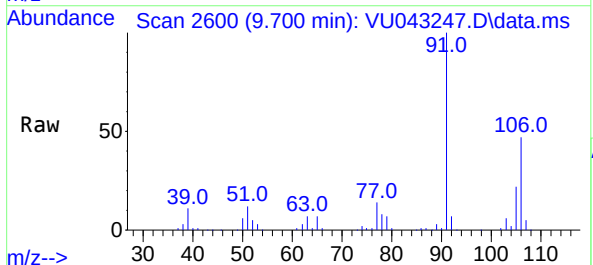
Instrument :
MSVOA_U
ClientSampleId :
H4476MSD

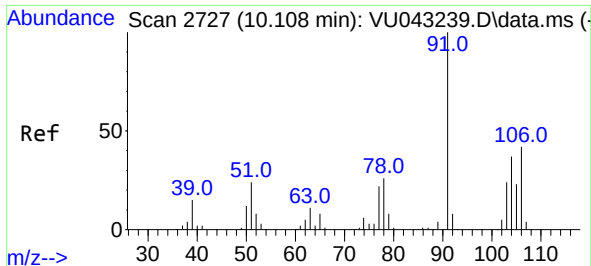
Tgt Ion: 91 Resp: 149365
Ion Ratio Lower Upper
91 100
106 29.9 22.0 40.8



#53
m,p-Xylene
Concen: 5.22 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. -0.000 min
Lab File: VU043247.D
Acq: 21 Apr 2021 13:53

Tgt Ion: 106 Resp: 55306
Ion Ratio Lower Upper
106 100
91 214.2 137.6 255.6

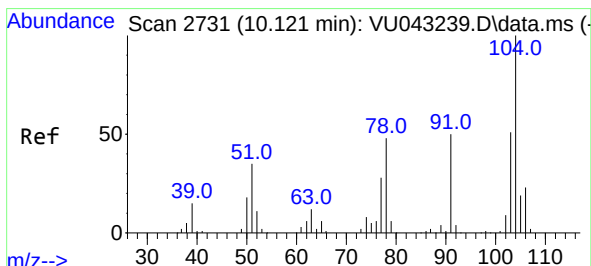
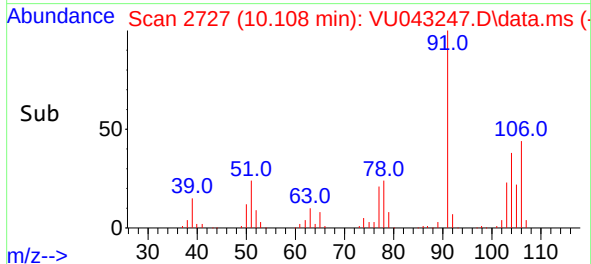
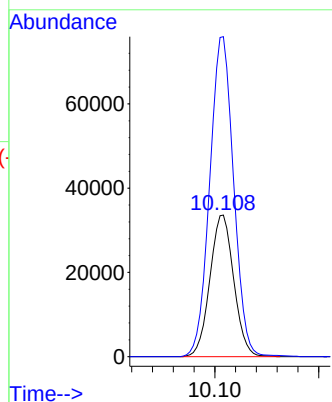
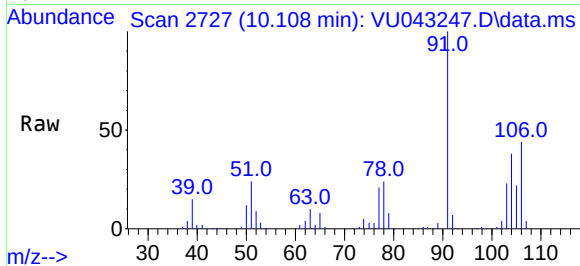




#54
o-Xylene
Concen: 5.11 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. -0.000 min
Lab File: VU043247.D
Acq: 21 Apr 2021 13:53

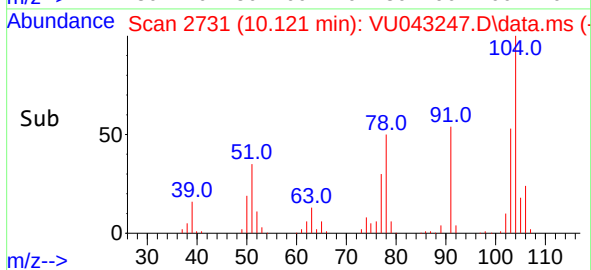
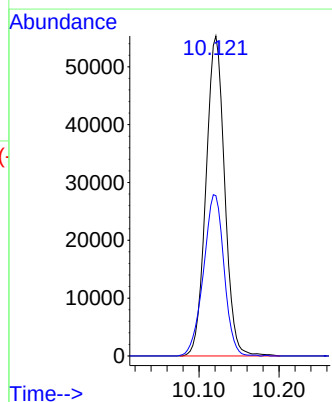
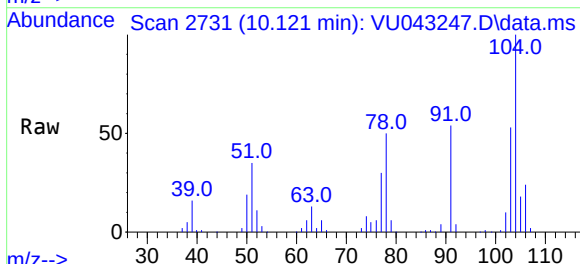
Instrument :
MSVOA_U
ClientSampled :
H4476MSD

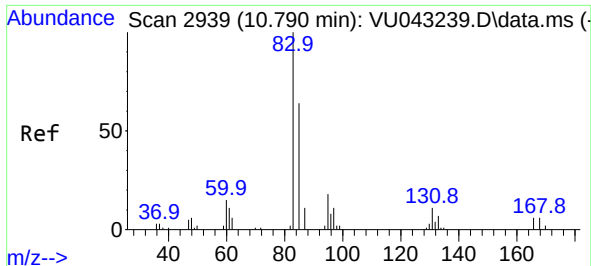
Tgt Ion:106 Resp: 53566
Ion Ratio Lower Upper
106 100
91 225.9 148.5 275.9



#55
Styrene
Concen: 5.01 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. -0.000 min
Lab File: VU043247.D
Acq: 21 Apr 2021 13:53

Tgt Ion:104 Resp: 90019
Ion Ratio Lower Upper
104 100
78 50.1 32.3 60.1

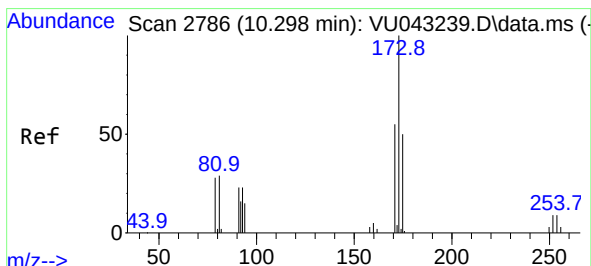
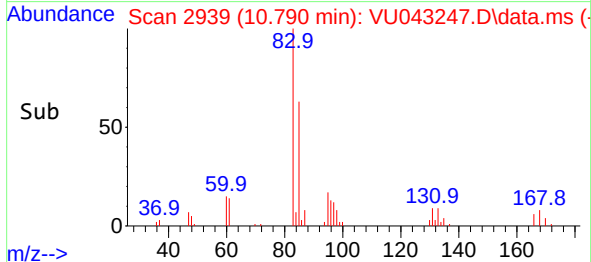
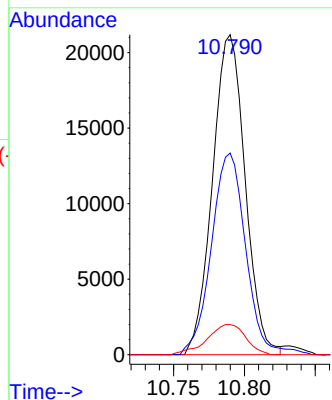
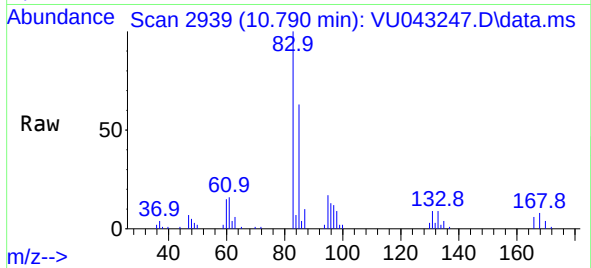




#57
1,1,2,2-Tetrachloroethane
Concen: 5.44 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. -0.000 min
Lab File: VU043247.D
Acq: 21 Apr 2021 13:53

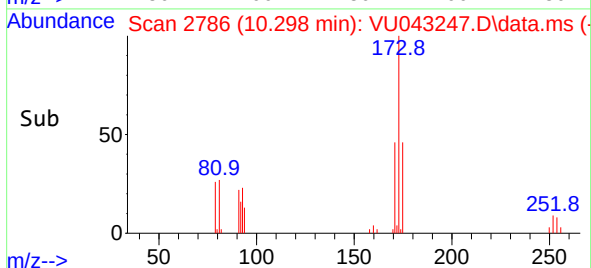
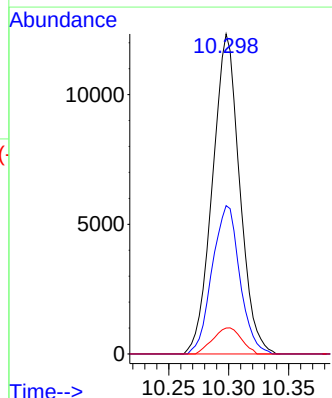
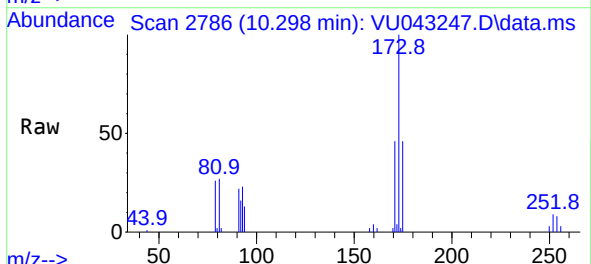
Instrument :
MSVOA_U
ClientSampleId :
H4476MSD

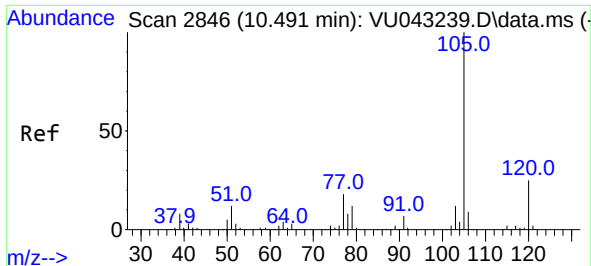
Tgt Ion: 83 Resp: 34020
Ion Ratio Lower Upper
83 100
85 63.0 44.9 83.5
131 9.4 8.2 12.4



#59
Bromoform
Concen: 5.19 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. -0.000 min
Lab File: VU043247.D
Acq: 21 Apr 2021 13:53

Tgt Ion:173 Resp: 19405
Ion Ratio Lower Upper
173 100
175 47.2 39.4 59.0
254 8.5 8.0 12.0

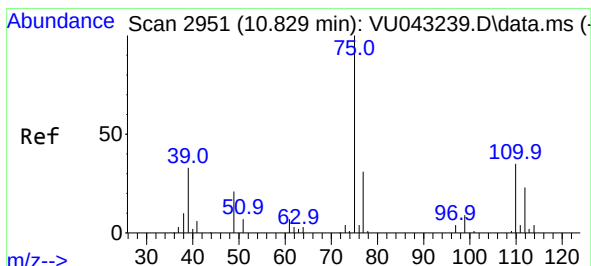
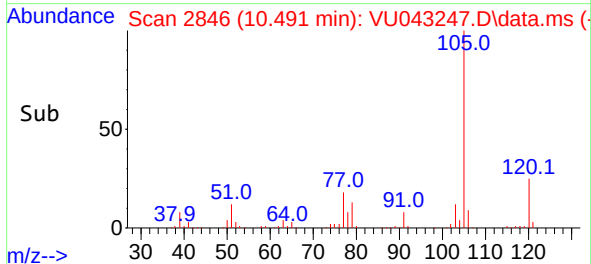
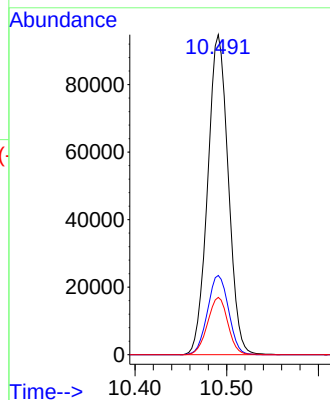
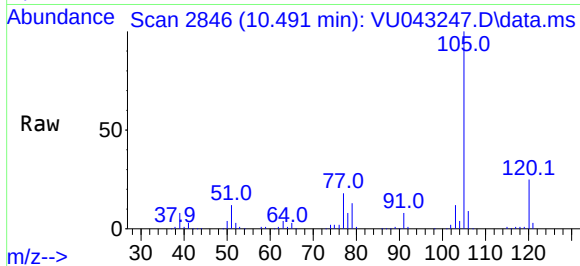




#60
Isopropylbenzene
Concen: 5.04 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. -0.000 min
Lab File: VU043247.D
Acq: 21 Apr 2021 13:53

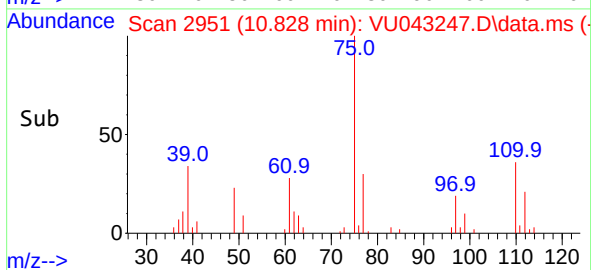
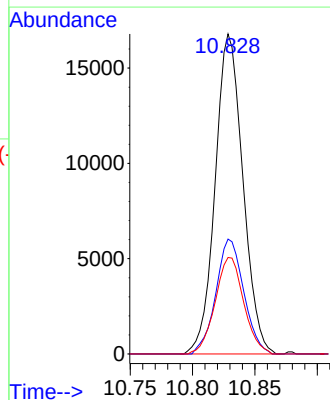
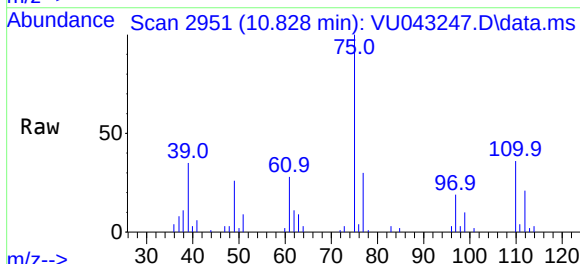
Instrument :
MSVOA_U
ClientSampleId :
H4476MSD

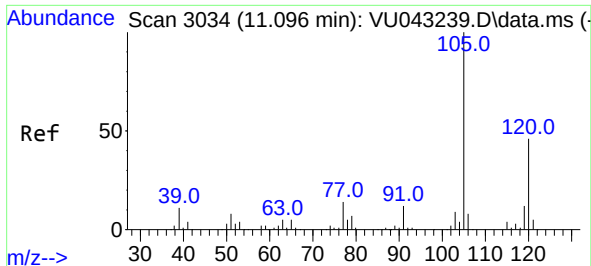
Tgt Ion:105 Resp: 147772
Ion Ratio Lower Upper
105 100
120 25.3 20.9 31.3
77 17.7 11.8 17.8



#61
1,2,3-Trichloropropane
Concen: 5.50 ug/L
RT: 10.828 min Scan# 2951
Delta R.T. -0.000 min
Lab File: VU043247.D
Acq: 21 Apr 2021 13:53

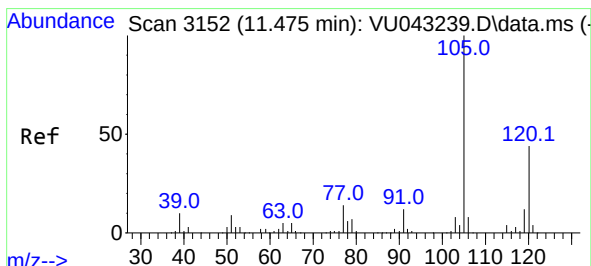
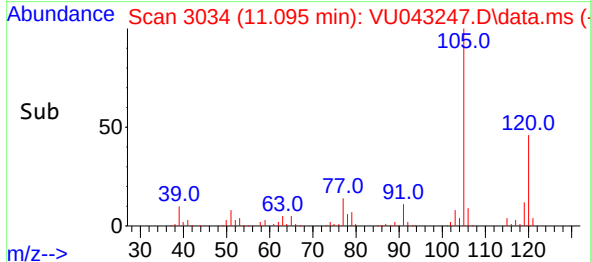
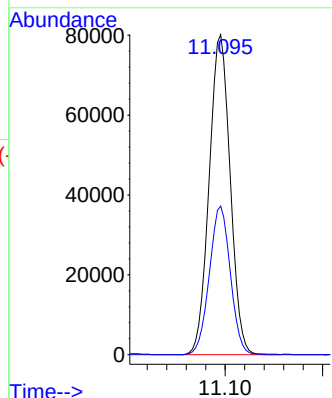
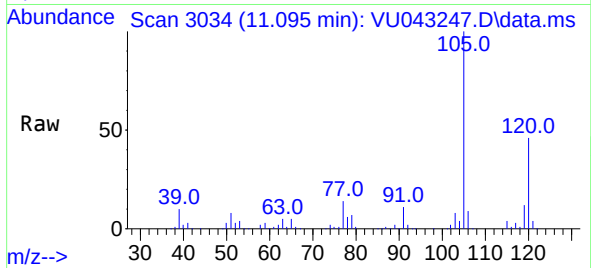
Tgt Ion: 75 Resp: 25976
Ion Ratio Lower Upper
75 100
110 36.1 31.5 47.3
77 31.1 26.3 39.5





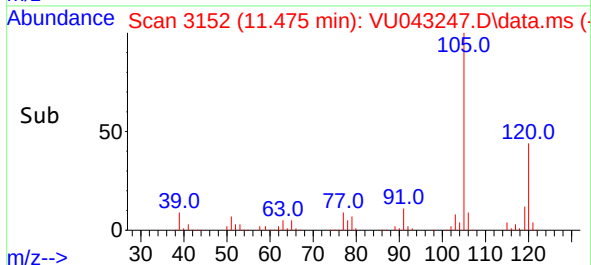
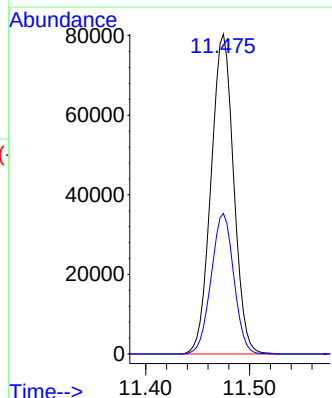
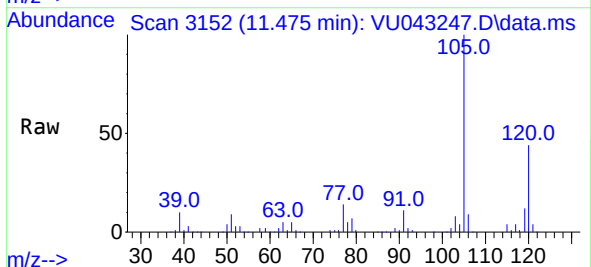
#62
1,3,5-Trimethylbenzene
Concen: 5.00 ug/L
RT: 11.095 min Scan# 3034
Delta R.T. -0.000 min
Lab File: VU043247.D
Acq: 21 Apr 2021 13:53

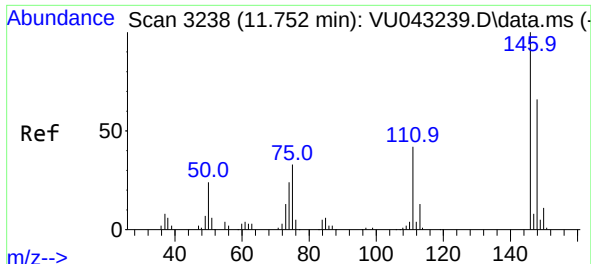
Tgt Ion:105 Resp: 119933
Ion Ratio Lower Upper
105 100
120 46.3 39.5 59.3



#63
1,2,4-Trimethylbenzene
Concen: 4.92 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VU043247.D
Acq: 21 Apr 2021 13:53

Tgt Ion:105 Resp: 121484
Ion Ratio Lower Upper
105 100
120 44.0 36.7 55.1

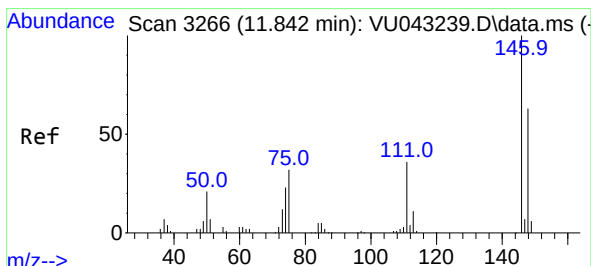
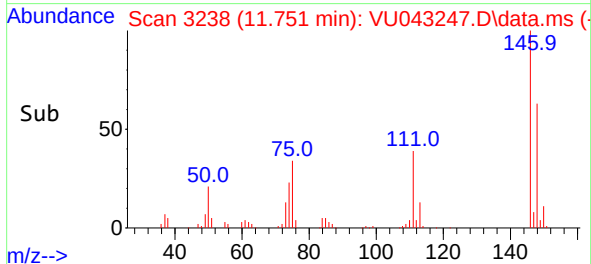
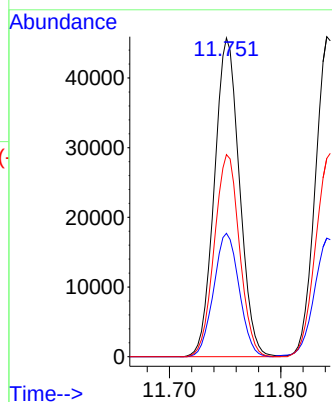
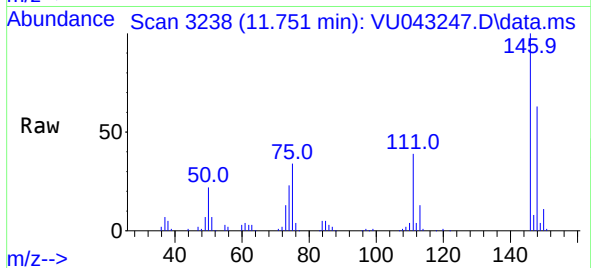




#64
1,3-Dichlorobenzene
Concen: 5.14 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. -0.000 min
Lab File: VU043247.D
Acq: 21 Apr 2021 13:53

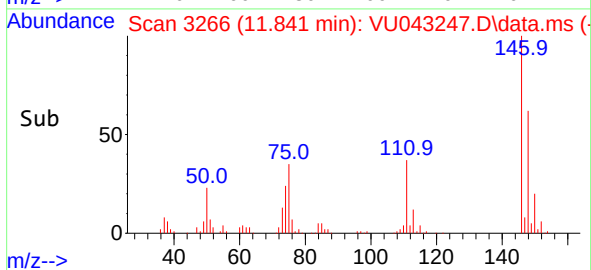
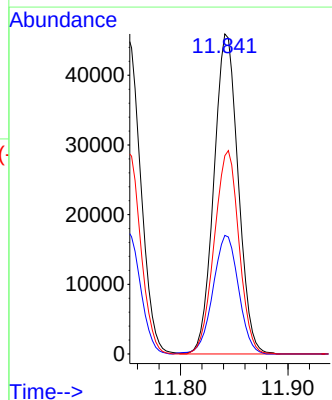
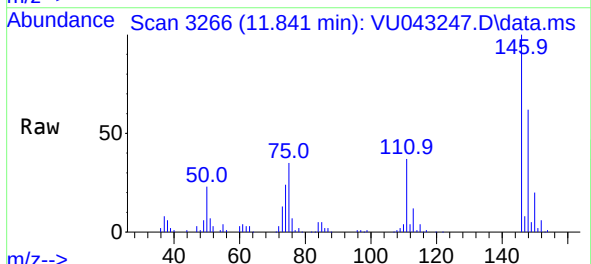
Instrument :
MSVOA_U
ClientSampleId :
H4476MSD

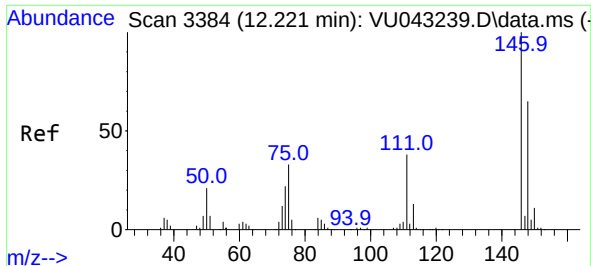
Tgt Ion:146 Resp: 71567
Ion Ratio Lower Upper
146 100
111 38.7 27.6 51.2
148 63.4 44.9 83.3



#65
1,4-Dichlorobenzene
Concen: 5.11 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. -0.000 min
Lab File: VU043247.D
Acq: 21 Apr 2021 13:53

Tgt Ion:146 Resp: 72165
Ion Ratio Lower Upper
146 100
111 37.0 26.7 49.5
148 61.9 43.9 81.5



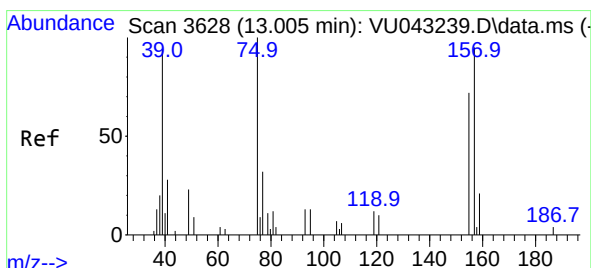
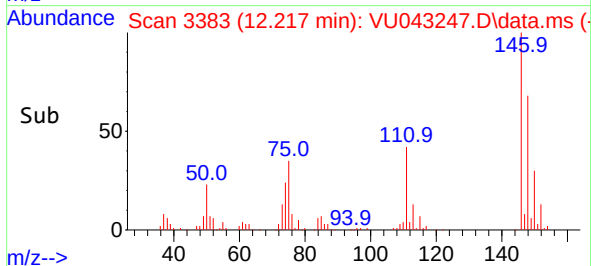
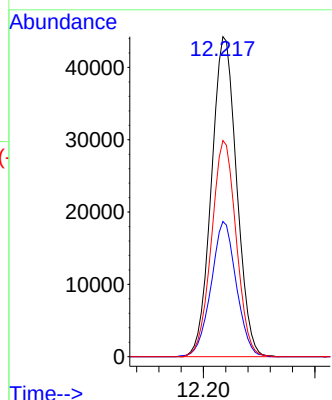
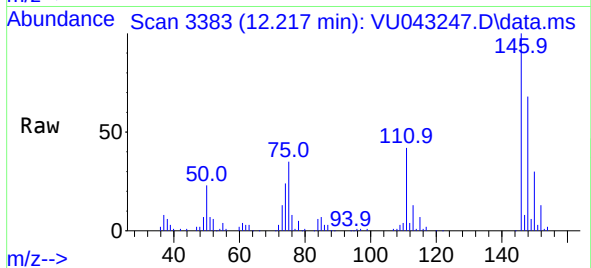


#67
1,2-Dichlorobenzene
Concen: 5.14 ug/L
RT: 12.217 min Scan# 3383
Delta R.T. -0.004 min
Lab File: VU043247.D
Acq: 21 Apr 2021 13:53

Instrument :
MSVOA_U
ClientSampleId :
H4476MSD

Tgt Ion:146 Resp: 69521

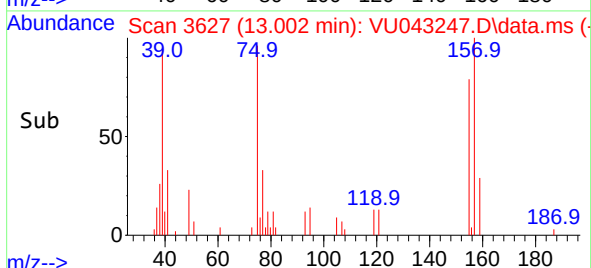
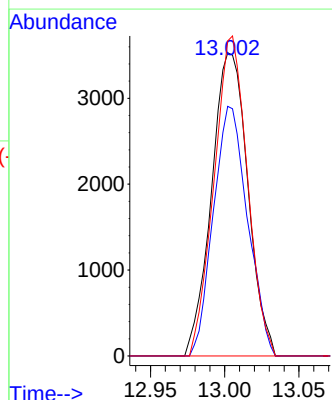
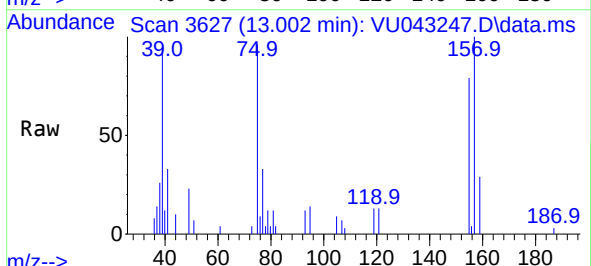
Ion	Ratio	Lower	Upper
146	100		
111	42.2	31.9	47.9
148	67.5	48.8	73.2

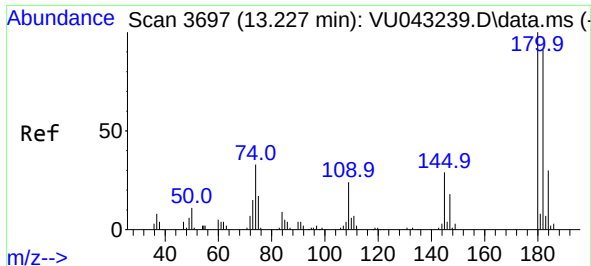


#68
1,2-Dibromo-3-chloropropane
Concen: 5.21 ug/L
RT: 13.002 min Scan# 3627
Delta R.T. -0.004 min
Lab File: VU043247.D
Acq: 21 Apr 2021 13:53

Tgt Ion: 75 Resp: 5995

Ion	Ratio	Lower	Upper
75	100		
155	82.3	67.8	101.8
157	103.9	82.4	123.6



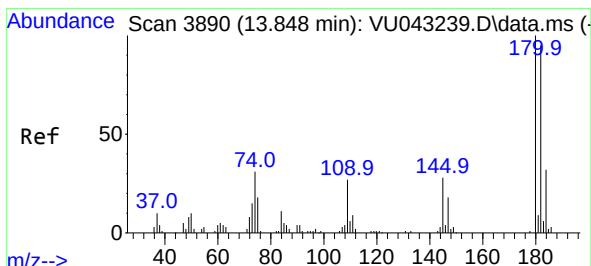
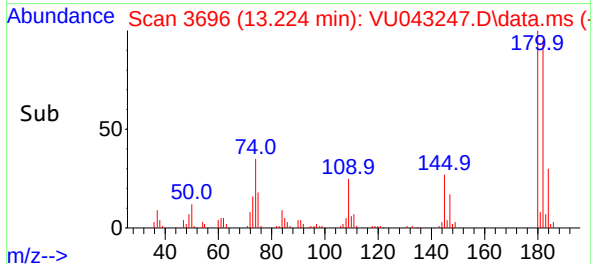
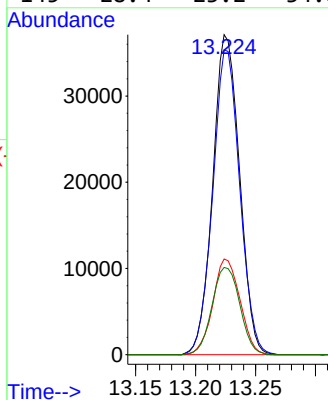
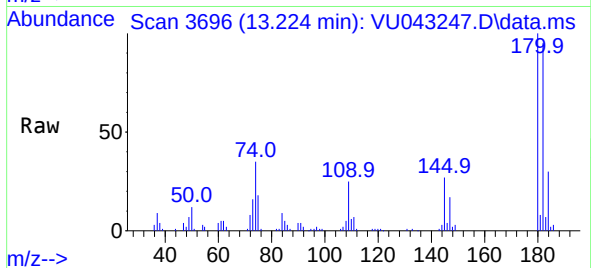


#69
1,3,5-Trichlorobenzene
Concen: 5.03 ug/L
RT: 13.224 min Scan# 3696
Delta R.T. -0.004 min
Lab File: VU043247.D
Acq: 21 Apr 2021 13:53

Instrument :
MSVOA_U
ClientSampleId :
H4476MSD

Tgt Ion:180 Resp: 57526

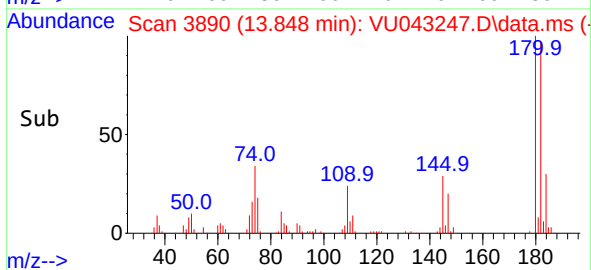
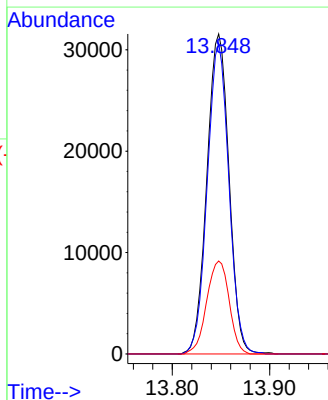
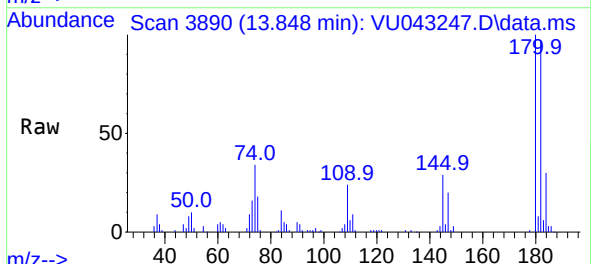
Ion	Ratio	Lower	Upper
180	100		
182	95.9	76.1	114.1
184	30.3	24.0	36.0
145	28.4	23.2	34.8

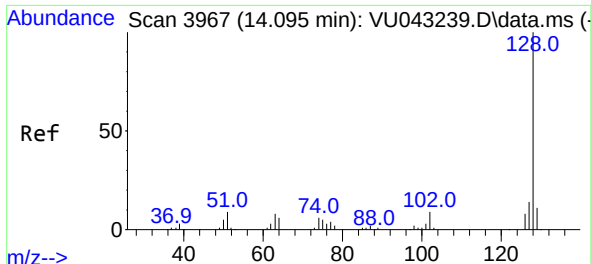


#70
1,2,4-trichlorobenzene
Concen: 5.25 ug/L
RT: 13.848 min Scan# 3890
Delta R.T. -0.000 min
Lab File: VU043247.D
Acq: 21 Apr 2021 13:53

Tgt Ion:180 Resp: 49724

Ion	Ratio	Lower	Upper
180	100		
182	94.7	76.5	114.7
145	29.5	24.1	36.1

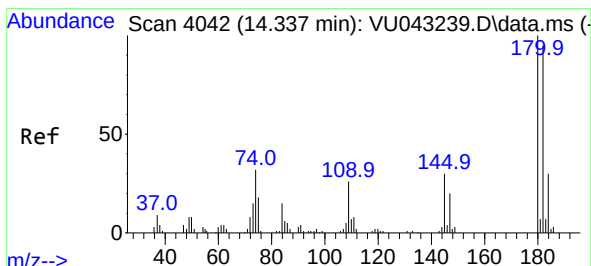
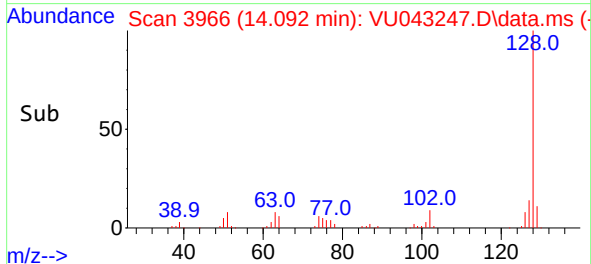
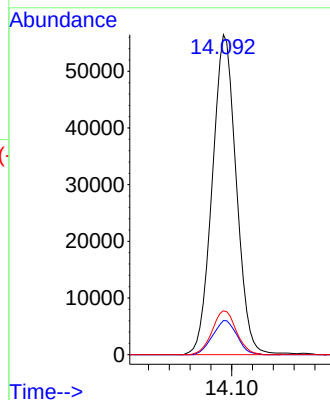
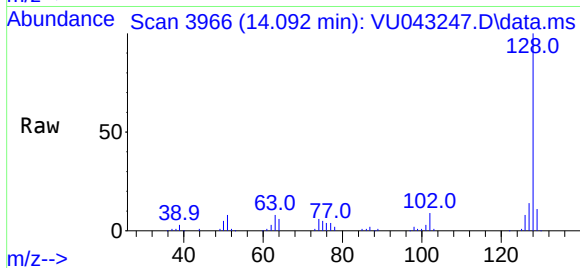




#71
Naphthalene
Concen: 5.67 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. -0.004 min
Lab File: VU043247.D
Acq: 21 Apr 2021 13:53

Instrument :
MSVOA_U
ClientSampleId :
H4476MSD

Tgt Ion:	128	Resp:	90438
Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.6	12.8
127	13.9	10.6	15.8



#72
1,2,3-Trichlorobenzene
Concen: 5.44 ug/L
RT: 14.336 min Scan# 4042
Delta R.T. -0.000 min
Lab File: VU043247.D
Acq: 21 Apr 2021 13:53

Tgt Ion:	180	Resp:	47186
Ion	Ratio	Lower	Upper
180	100		
182	98.1	75.8	113.8
145	30.6	25.0	37.4

