

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042021\
 Data File : VU043237.D
 Acq On : 20 Apr 2021 20:41
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 21 05:04:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 21 04:57:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	81207	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	82573	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	43459	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	20270	4.91	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.20%
7) Chloroethane-d5	1.919	69	18825	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.80%
11) 1,1-Dichloroethene-d2	2.572	65	13045	5.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	109.20%
20) 2-Butanone-d5	4.665	46	111734	61.69	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.38%
24) Chloroform-d	5.073	84	59111	5.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.60%
26) 1,2-Dichloroethane-d4	5.713	65	36087	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
32) Benzene-d6	5.735	84	102243	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.40%
36) 1,2-Dichloropropane-d6	6.700	67	33930	5.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.40%
41) Toluene-d8	7.906	98	94862	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
43) trans-1,3-Dichloroprop...	8.185	79	13542	4.81	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.20%
46) 2-Hexanone-d5	8.645	63	70863	50.46	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.92%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	32476	5.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	115.80%
66) 1,2-Dichlorobenzene-d4	12.201	152	38218	5.13	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.60%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	30314	5.82	ug/L	98
3) Chloromethane	1.523	50	31137	6.08	ug/L	95
5) Vinyl chloride	1.607	62	28693	5.38	ug/L	96
6) Bromomethane	1.864	94	12167	3.82	ug/L	99
8) Chloroethane	1.938	64	17704	4.60	ug/L	97
9) Trichlorofluoromethane	2.144	101	50466	5.08	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	29171	5.44	ug/L	91
12) 1,1-Dichloroethene	2.588	96	25290	5.60	ug/L	89
13) Acetone	2.691	43	67199	50.50	ug/L	91
14) Carbon disulfide	2.800	76	64426	5.60	ug/L	99
15) Methyl Acetate	2.977	43	17474	6.98	ug/L	# 85
16) Methylene chloride	3.054	84	33492	5.73	ug/L	79
17) Methyl tert-butyl Ether	3.375	73	78496	5.32	ug/L	# 92
18) trans-1,2-Dichloroethene	3.363	96	26110	5.43	ug/L	91
19) 1,1-Dichloroethane	3.880	63	58186	5.55	ug/L	99
21) 2-Butanone	4.745	43	131161	59.72	ug/L	# 57
22) cis-1,2-Dichloroethene	4.678	96	29772	5.22	ug/L	90
23) Bromochloromethane	4.983	128	15154	5.83	ug/L	# 74
25) Chloroform	5.099	83	62764	5.62	ug/L	97

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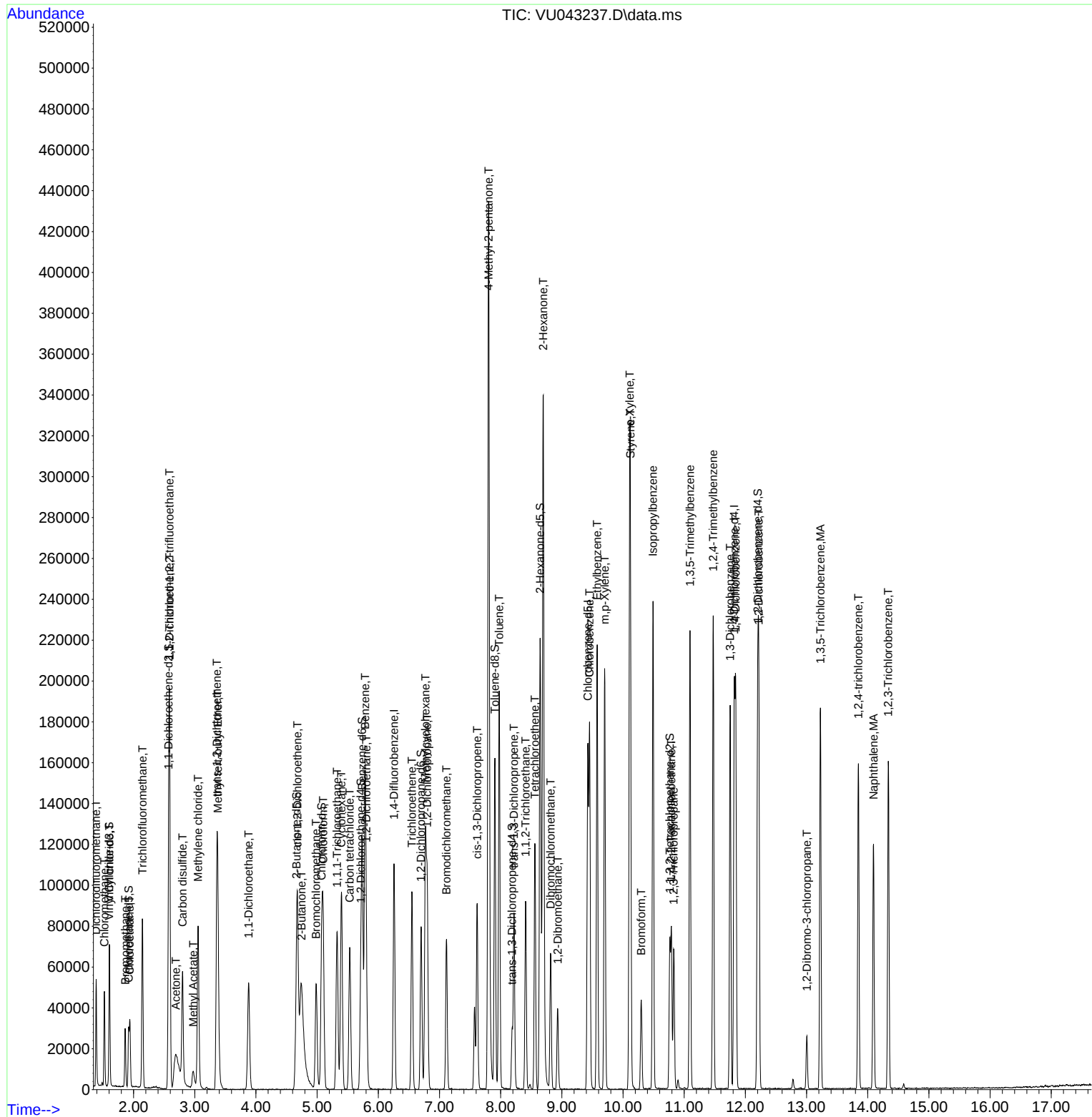
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	47854	5.84	ug/L #	94
29) 1,1,1-Trichloroethane	5.327	97	54318	5.33	ug/L #	94
30) Cyclohexane	5.398	56	43467	4.98	ug/L	87
31) Carbon tetrachloride	5.533	117	45015	5.30	ug/L	100
33) Benzene	5.784	78	119885	5.43	ug/L	100
34) Trichloroethene	6.549	95	31131	5.12	ug/L	96
35) Methylcyclohexane	6.771	83	39959	4.75	ug/L #	88
37) 1,2-Dichloropropane	6.800	63	33652	5.41	ug/L	97
38) Bromodichloromethane	7.115	83	45564	5.46	ug/L	97
39) cis-1,3-Dichloropropene	7.616	75	42440	4.67	ug/L	97
40) 4-Methyl-2-pentanone	7.803	43	322763	58.04	ug/L #	83
42) Toluene	7.976	91	129655	5.25	ug/L	99
44) trans-1,3-Dichloropropene	8.218	75	42014	4.91	ug/L	96
45) 1,1,2-Trichloroethane	8.407	97	25306	5.45	ug/L	93
47) Tetrachloroethene	8.558	164	25054	5.20	ug/L	92
48) 2-Hexanone	8.697	43	245974	60.11	ug/L #	83
49) Dibromochloromethane	8.816	129	31858	5.44	ug/L	93
50) 1,2-Dibromoethane	8.931	107	23703	5.13	ug/L #	98
51) Chlorobenzene	9.452	112	82166	5.22	ug/L	93
52) Ethylbenzene	9.578	91	142529	5.05	ug/L	97
53) m,p-Xylene	9.700	106	52805	5.11	ug/L	91
54) o-Xylene	10.108	106	52009	5.08	ug/L	93
55) Styrene	10.121	104	89381	5.10	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.790	83	35060	5.74	ug/L	99
59) Bromoform	10.298	173	19276	5.43	ug/L	99
60) Isopropylbenzene	10.491	105	139616	5.01	ug/L #	97
61) 1,2,3-Trichloropropane	10.828	75	25882	5.76	ug/L	97
62) 1,3,5-Trimethylbenzene	11.095	105	114088	5.00	ug/L	96
63) 1,2,4-Trimethylbenzene	11.475	105	115309	4.92	ug/L	98
64) 1,3-Dichlorobenzene	11.751	146	69249	5.23	ug/L	100
65) 1,4-Dichlorobenzene	11.841	146	69513	5.18	ug/L	98
67) 1,2-Dichlorobenzene	12.221	146	68542	5.33	ug/L	96
68) 1,2-Dibromo-3-chloropr...	13.005	75	6257	5.72	ug/L	91
69) 1,3,5-Trichlorobenzene	13.227	180	56656	5.22	ug/L	98
70) 1,2,4-trichlorobenzene	13.848	180	46709	5.19	ug/L	98
71) Naphthalene	14.095	128	88693	5.85	ug/L	99
72) 1,2,3-Trichlorobenzene	14.336	180	47076	5.71	ug/L	100

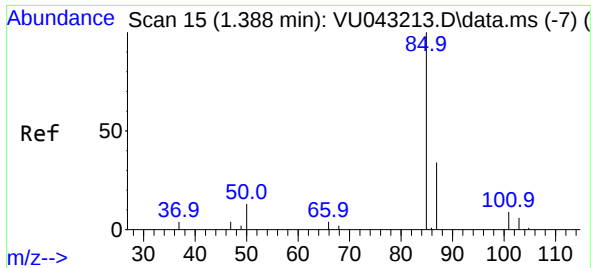
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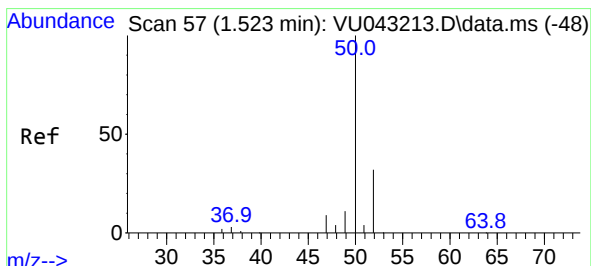
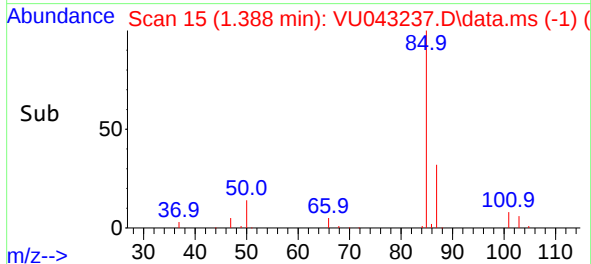
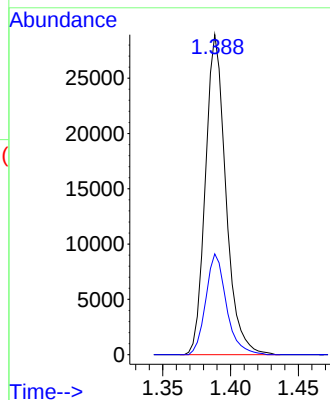
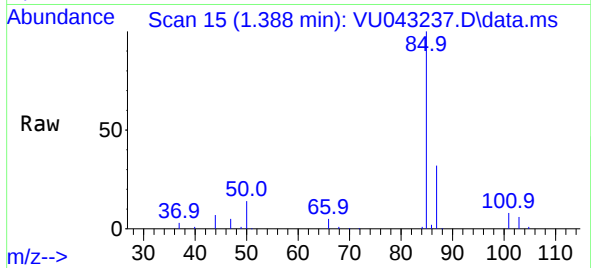




#2
Dichlorodifluoromethane
Concen: 5.82 ug/L
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU043237.D
Acq: 20 Apr 2021 20:41

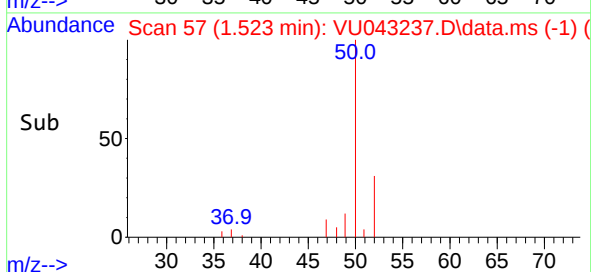
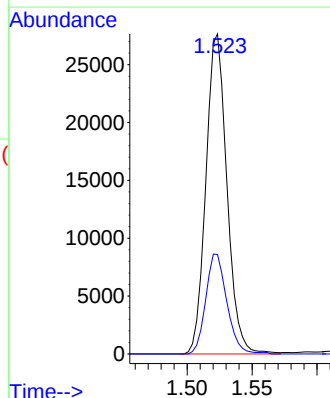
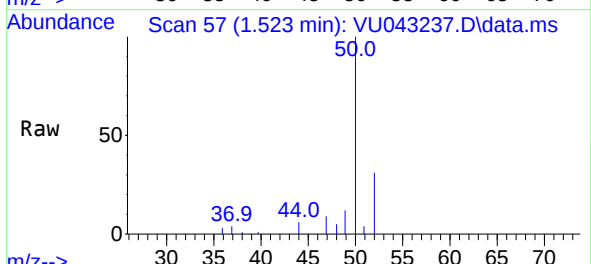
Tgt Ion: 85 Resp: 30314
Ion Ratio Lower Upper
85 100
87 31.8 26.3 39.5

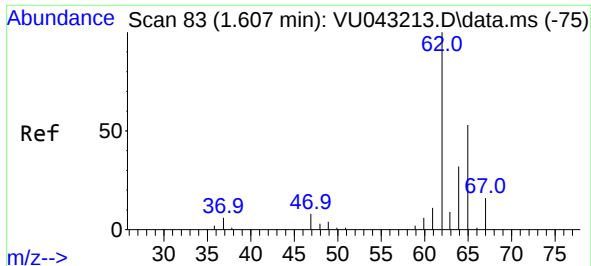
Instrument :
MSVOA_U
ClientSampled :



#3
Chloromethane
Concen: 6.08 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU043237.D
Acq: 20 Apr 2021 20:41

Tgt Ion: 50 Resp: 31137
Ion Ratio Lower Upper
50 100
52 31.1 23.6 43.8

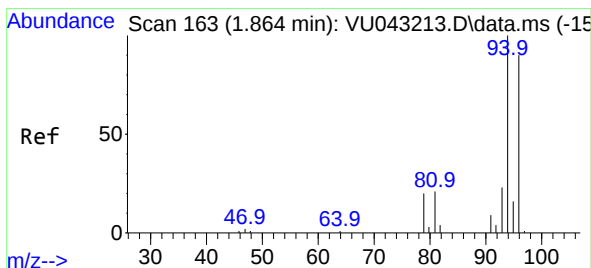
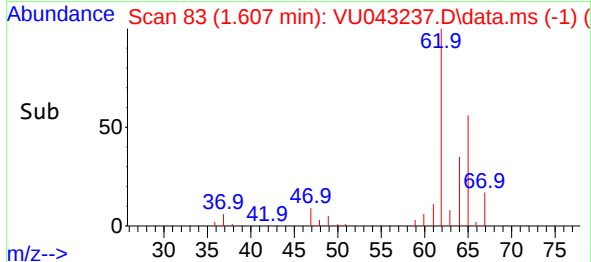
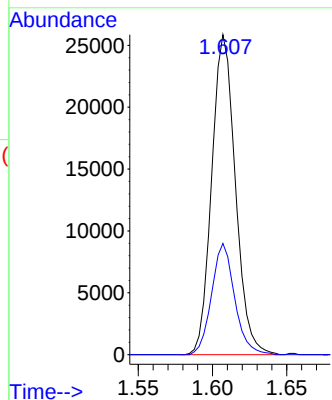
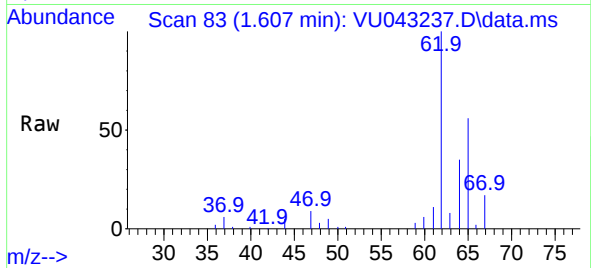




#5
 Vinyl chloride
 Concen: 5.38 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU043237.D
 Acq: 20 Apr 2021 20:41

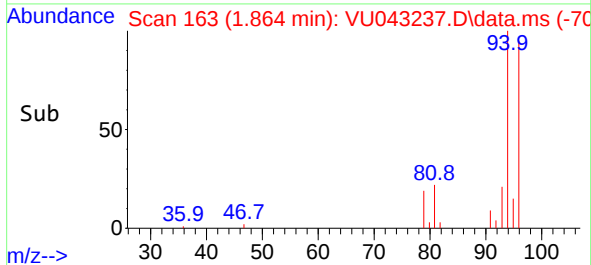
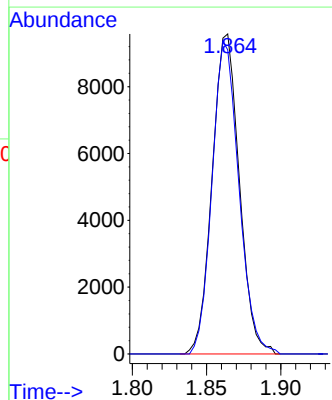
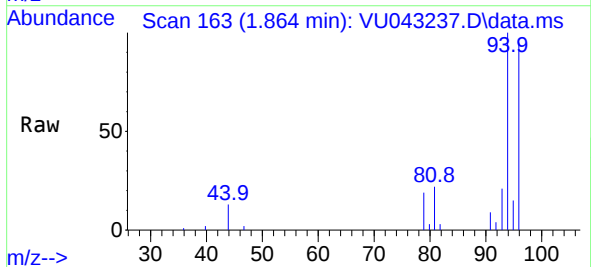
Instrument :
 MSVOA_U
 ClientSampled :

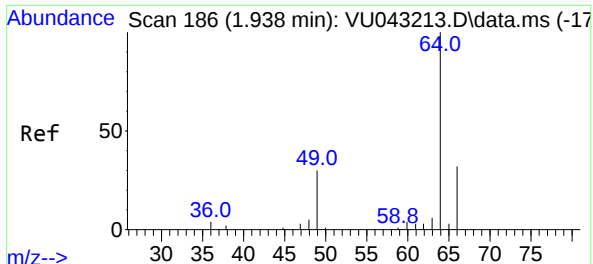
Tgt Ion: 62 Resp: 28693
 Ion Ratio Lower Upper
 62 100
 64 34.8 22.8 42.4



#6
 Bromomethane
 Concen: 3.82 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. 0.000 min
 Lab File: VU043237.D
 Acq: 20 Apr 2021 20:41

Tgt Ion: 94 Resp: 12167
 Ion Ratio Lower Upper
 94 100
 96 95.0 66.1 122.7

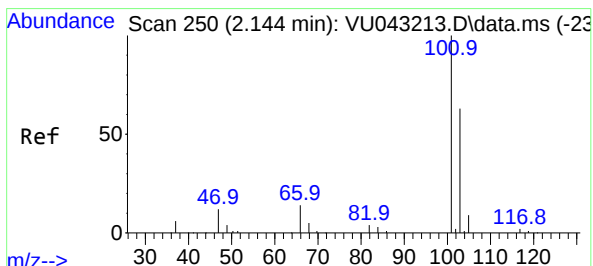
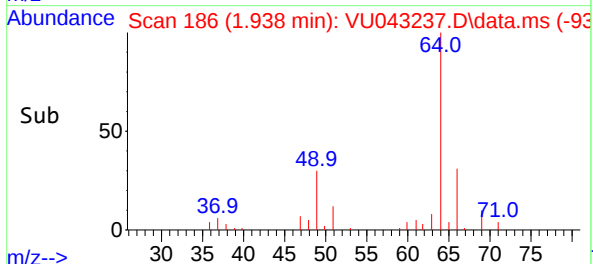
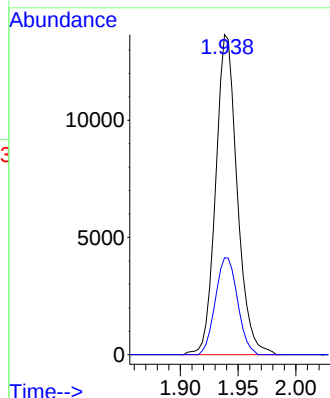
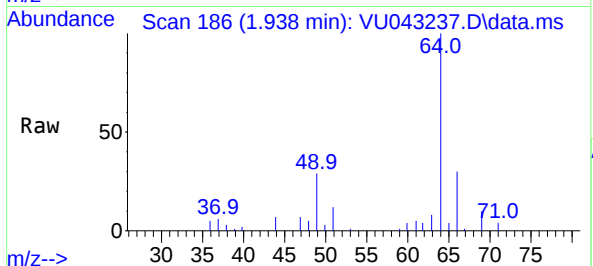




#8
Chloroethane
Concen: 4.60 ug/L
RT: 1.938 min Scan# 186
Delta R.T. 0.000 min
Lab File: VU043237.D
Acq: 20 Apr 2021 20:41

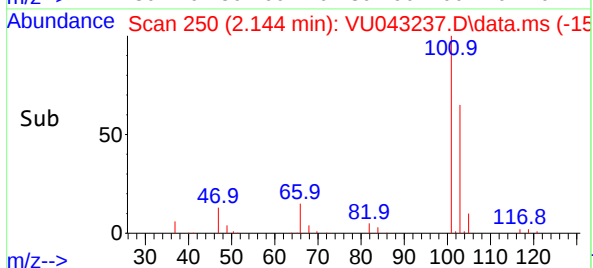
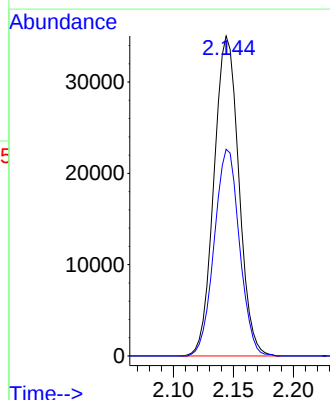
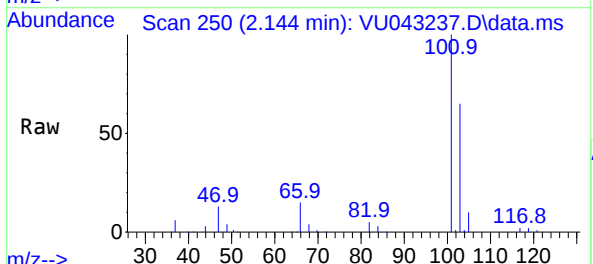
Instrument :
MSVOA_U
ClientSampled :

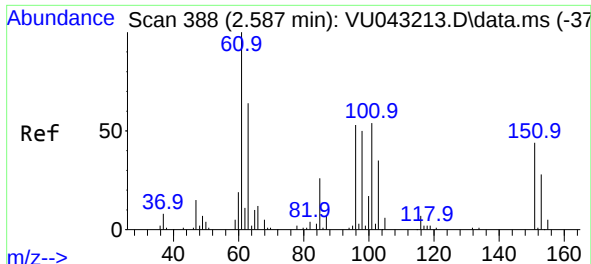
Tgt Ion: 64 Resp: 17704
Ion Ratio Lower Upper
64 100
66 30.3 22.4 41.6



#9
Trichlorofluoromethane
Concen: 5.08 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU043237.D
Acq: 20 Apr 2021 20:41

Tgt Ion:101 Resp: 50466
Ion Ratio Lower Upper
101 100
103 65.7 51.5 77.3

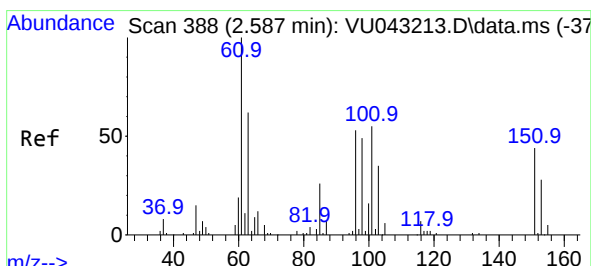
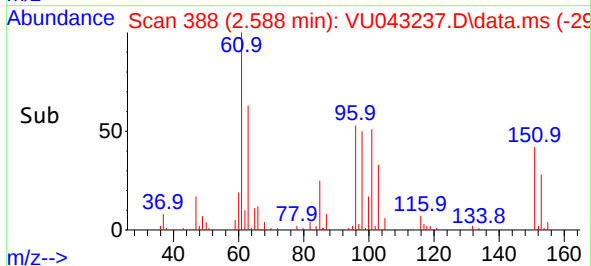
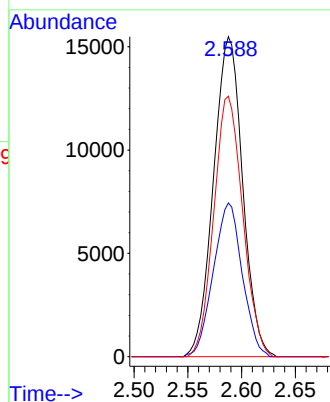
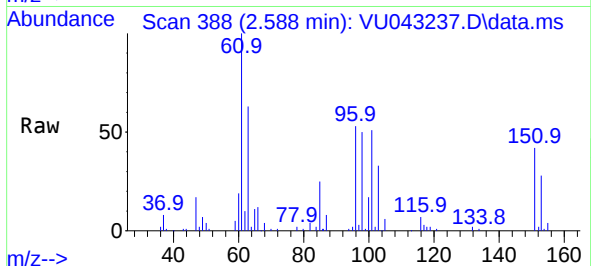




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.44 ug/L
RT: 2.588 min Scan# 388
Delta R.T. 0.000 min
Lab File: VU043237.D
Acq: 20 Apr 2021 20:41

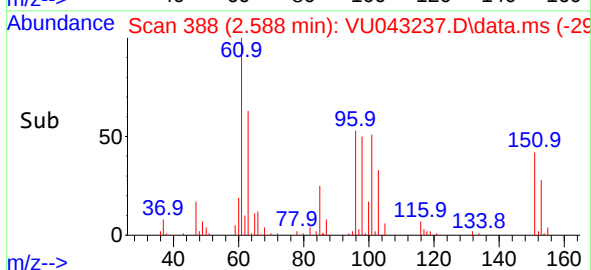
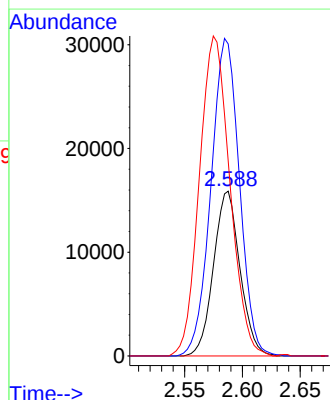
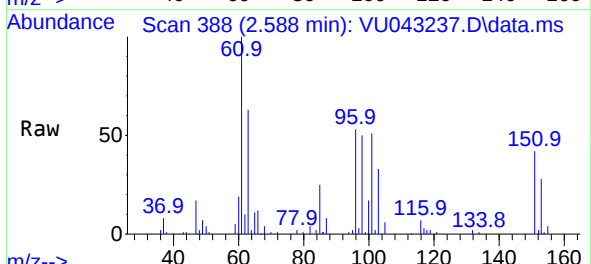
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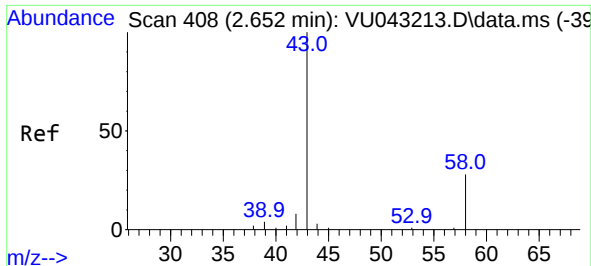
Tgt Ion:101 Resp: 29171
Ion Ratio Lower Upper
101 100
85 47.6 34.5 51.7
151 80.8 57.4 86.2



#12
1,1-Dichloroethene
Concen: 5.60 ug/L
RT: 2.588 min Scan# 388
Delta R.T. 0.000 min
Lab File: VU043237.D
Acq: 20 Apr 2021 20:41

Tgt Ion: 96 Resp: 25290
Ion Ratio Lower Upper
96 100
61 189.4 115.1 213.7
63 118.4 84.1 156.1

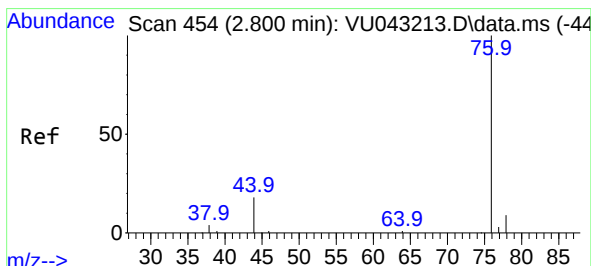
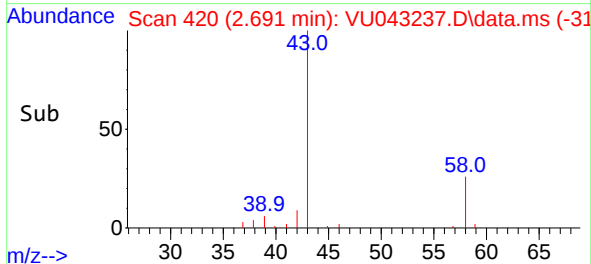
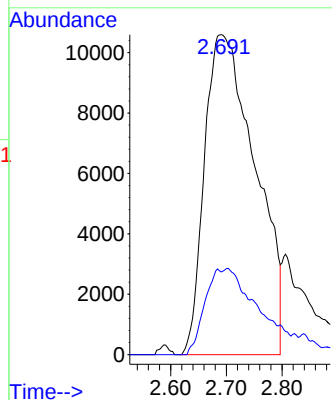
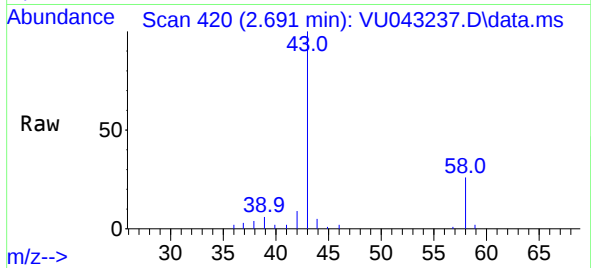




#13
Acetone
Concen: 50.50 ug/L
RT: 2.691 min Scan# 420
Delta R.T. 0.039 min
Lab File: VU043237.D
Acq: 20 Apr 2021 20:41

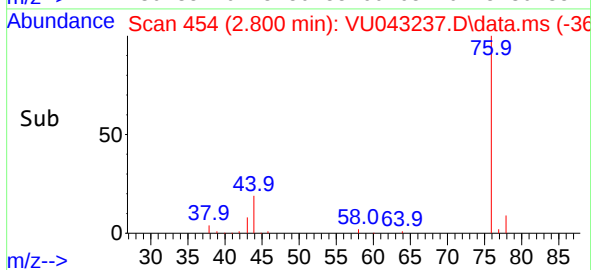
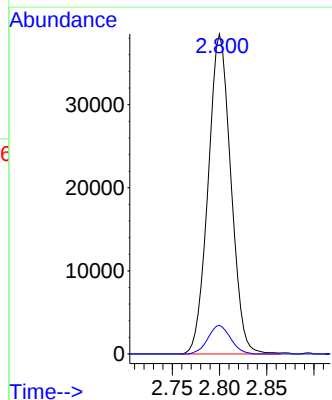
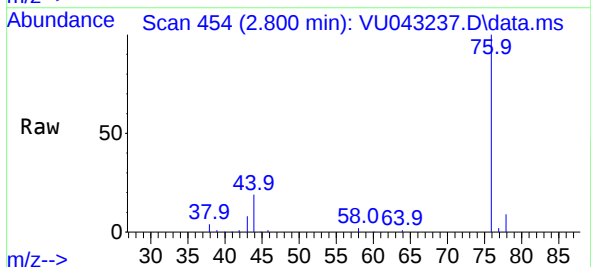
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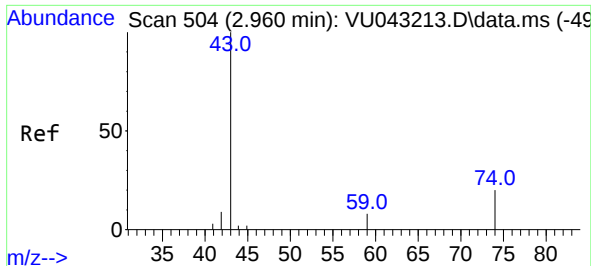
Tgt Ion: 43 Resp: 67199
Ion Ratio Lower Upper
43 100
58 8.8 0.0 25.0



#14
Carbon disulfide
Concen: 5.60 ug/L
RT: 2.800 min Scan# 454
Delta R.T. 0.000 min
Lab File: VU043237.D
Acq: 20 Apr 2021 20:41

Tgt Ion: 76 Resp: 64426
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3

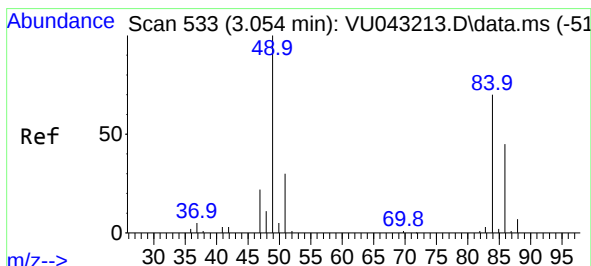
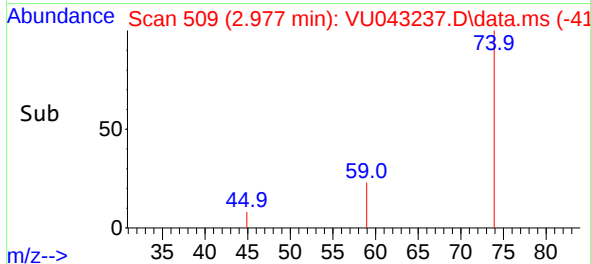
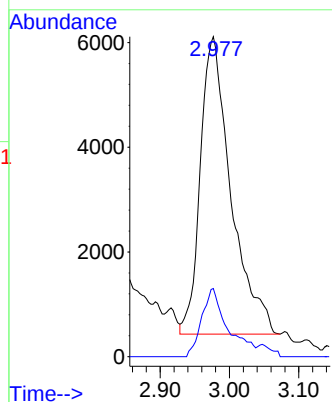
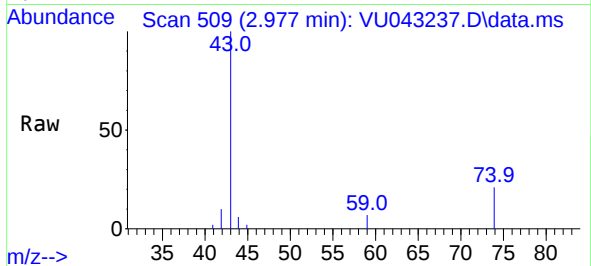




#15
Methyl Acetate
Concen: 6.98 ug/L
RT: 2.977 min Scan# 509
Delta R.T. 0.016 min
Lab File: VU043237.D
Acq: 20 Apr 2021 20:41

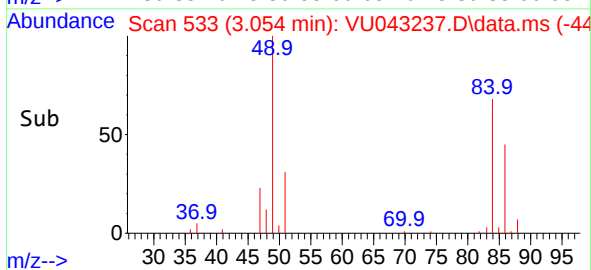
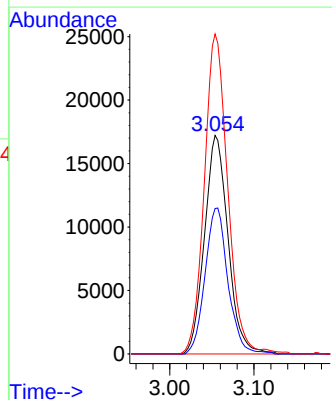
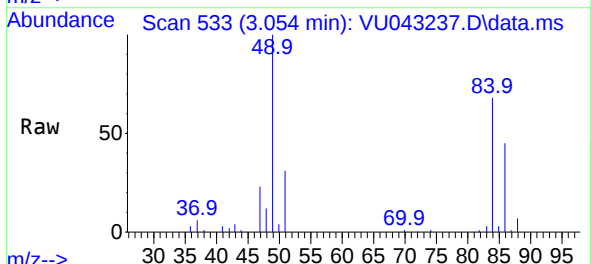
Instrument :
MSVOA_U
ClientSampled :

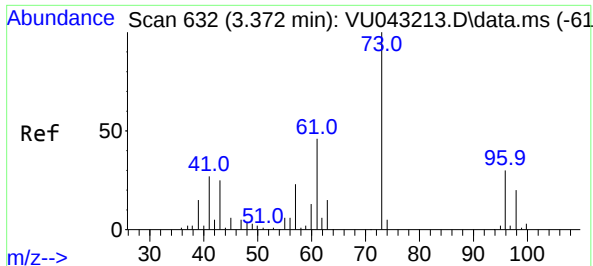
Tgt Ion: 43 Resp: 17474
Ion Ratio Lower Upper
43 100
74 19.4 21.5 32.3#



#16
Methylene chloride
Concen: 5.73 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU043237.D
Acq: 20 Apr 2021 20:41

Tgt Ion: 84 Resp: 33492
Ion Ratio Lower Upper
84 100
86 66.6 44.9 83.5
49 146.4 79.0 146.8

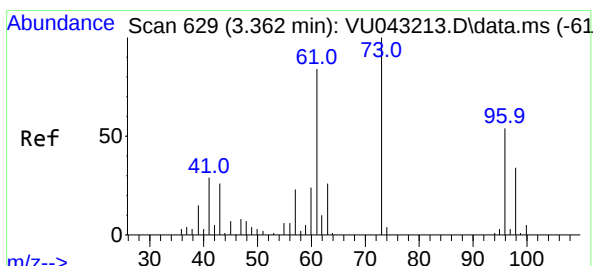
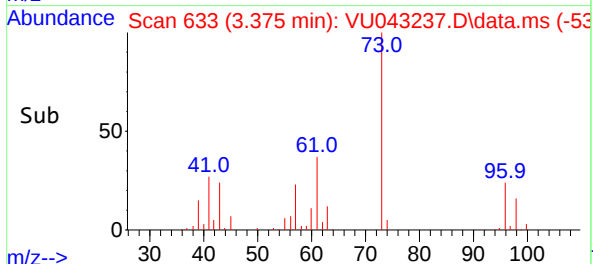
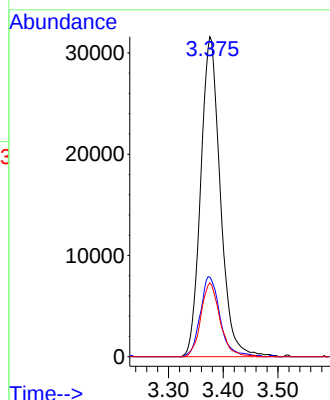
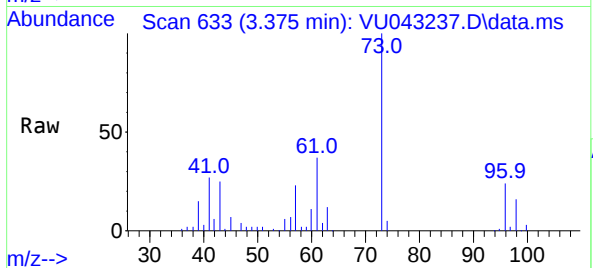




#17
Methyl tert-butyl Ether
Concen: 5.32 ug/L
RT: 3.375 min Scan# 633
Delta R.T. 0.003 min
Lab File: VU043237.D
Acq: 20 Apr 2021 20:41

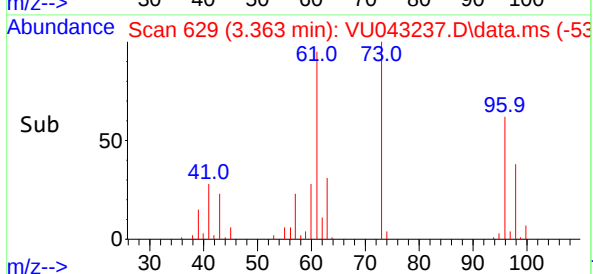
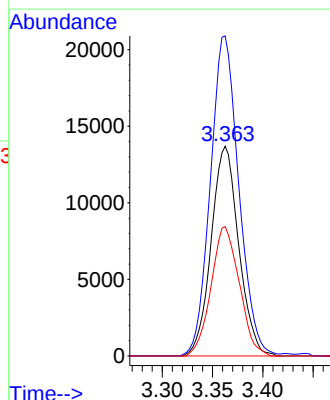
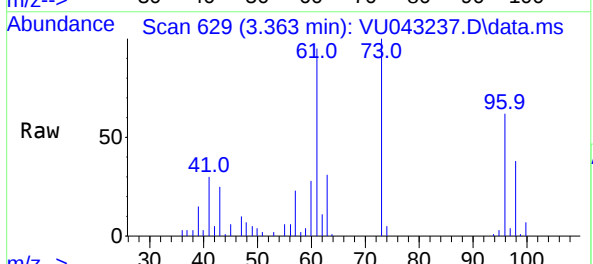
Instrument :
MSVOA_U
ClientSampleId :

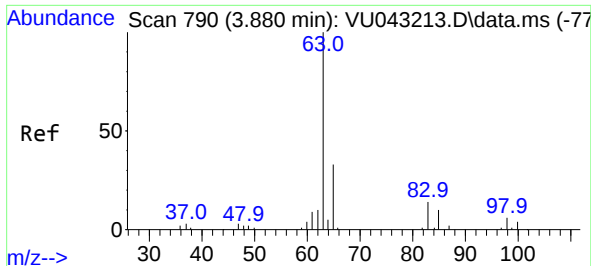
Tgt Ion:	73	Resp:	78496
Ion	Ratio	Lower	Upper
73	100		
43	25.2	15.0	22.4#
57	22.3	17.3	25.9



#18
trans-1,2-Dichloroethene
Concen: 5.43 ug/L
RT: 3.363 min Scan# 629
Delta R.T. 0.000 min
Lab File: VU043237.D
Acq: 20 Apr 2021 20:41

Tgt Ion:	96	Resp:	26110
Ion	Ratio	Lower	Upper
96	100		
61	152.6	96.6	179.4
98	61.7	44.7	82.9

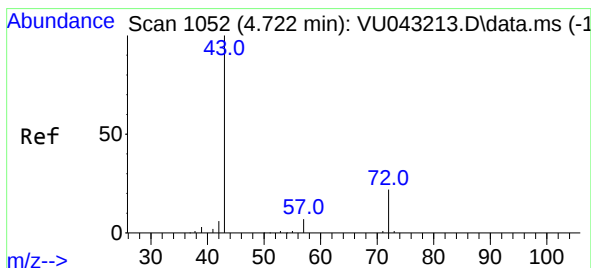
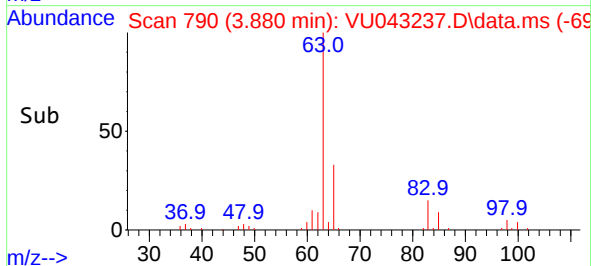
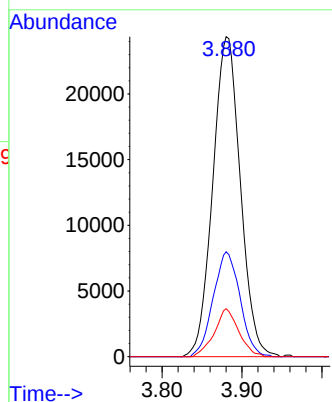
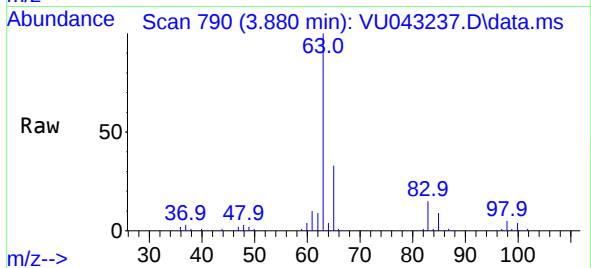




#19
1,1-Dichloroethane
Concen: 5.55 ug/L
RT: 3.880 min Scan# 790
Delta R.T. 0.000 min
Lab File: VU043237.D
Acq: 20 Apr 2021 20:41

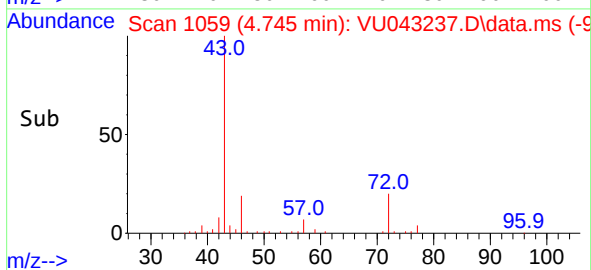
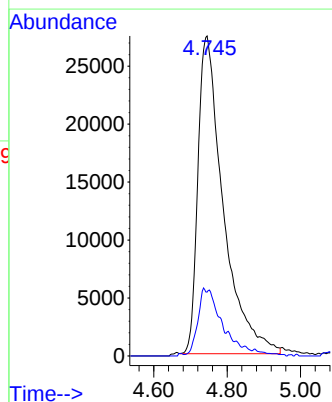
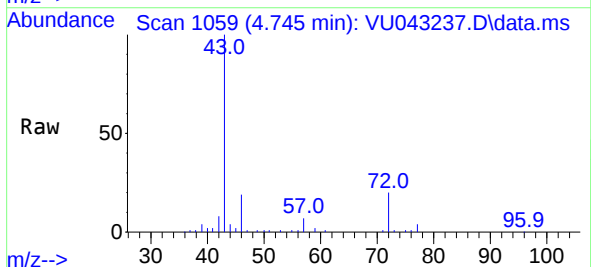
Instrument :
MSVOA_U
ClientSampleId :

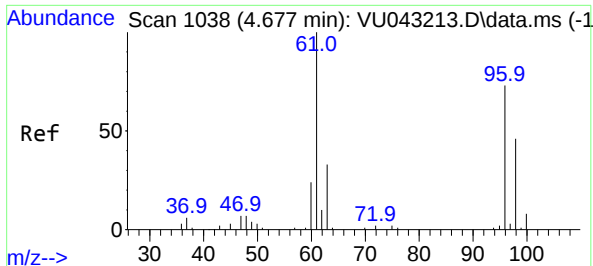
Tgt Ion:	63	Resp:	58186
Ion	Ratio	Lower	Upper
63	100		
65	32.8	23.2	43.0
83	15.0	9.9	18.3



#21
2-Butanone
Concen: 59.72 ug/L
RT: 4.745 min Scan# 1059
Delta R.T. 0.023 min
Lab File: VU043237.D
Acq: 20 Apr 2021 20:41

Tgt Ion:	43	Resp:	131161
Ion	Ratio	Lower	Upper
43	100		
72	7.4	15.8	47.3#



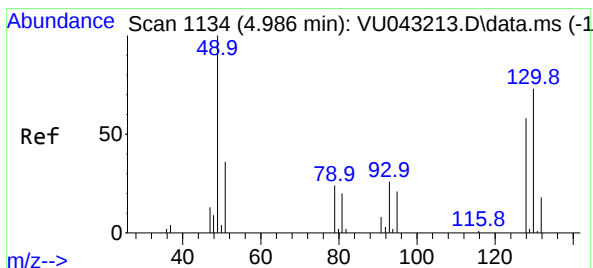
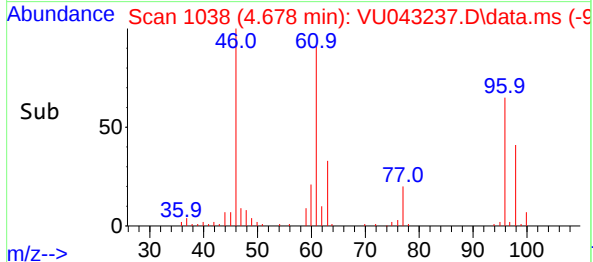
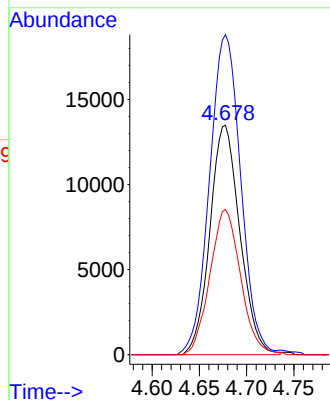
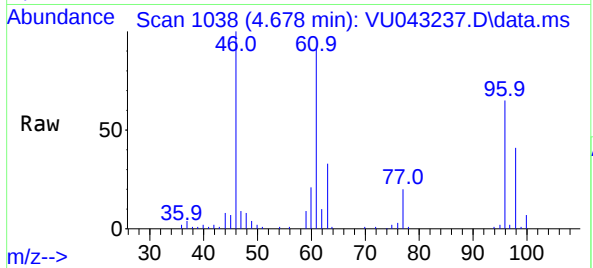


#22
cis-1,2-Dichloroethene
Concen: 5.22 ug/L
RT: 4.678 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VU043237.D
Acq: 20 Apr 2021 20:41

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 29772

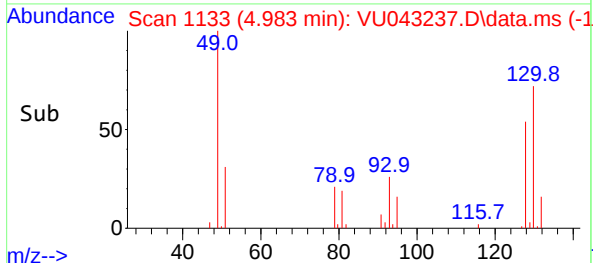
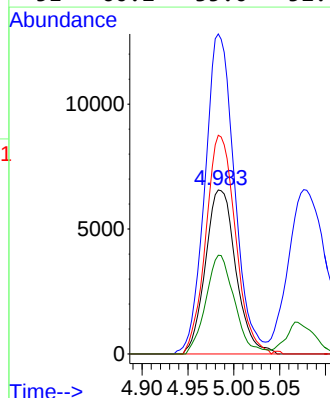
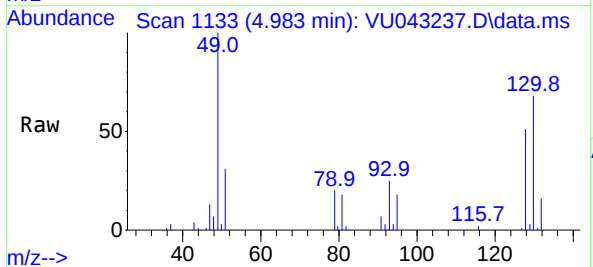
Ion	Ratio	Lower	Upper
96	100		
61	139.4	87.4	162.4
98	63.2	47.7	88.5

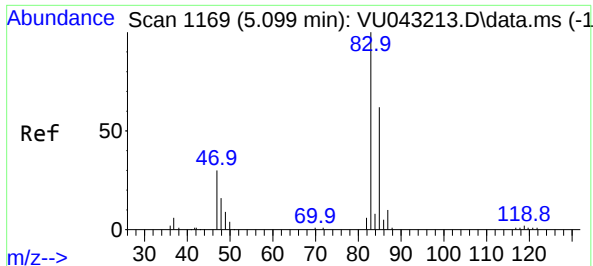


#23
Bromochloromethane
Concen: 5.83 ug/L
RT: 4.983 min Scan# 1133
Delta R.T. -0.003 min
Lab File: VU043237.D
Acq: 20 Apr 2021 20:41

Tgt Ion: 128 Resp: 15154

Ion	Ratio	Lower	Upper
128	100		
49	195.1	96.4	179.0#
130	133.3	91.2	169.4
51	60.2	35.0	52.6#



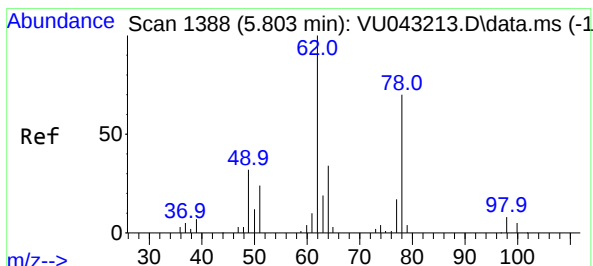
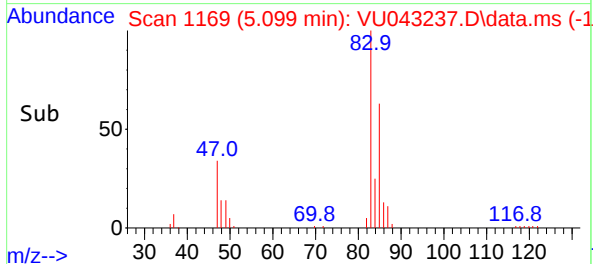
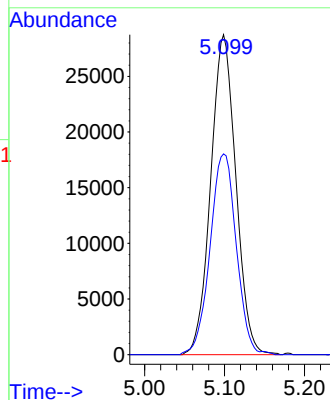
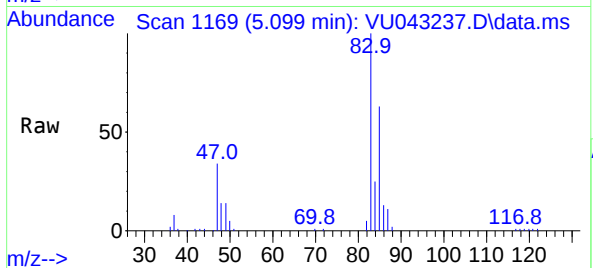


#25

Chloroform
Concen: 5.62 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VU043237.D
Acq: 20 Apr 2021 20:41

Instrument :
MSVOA_U
ClientSampled :

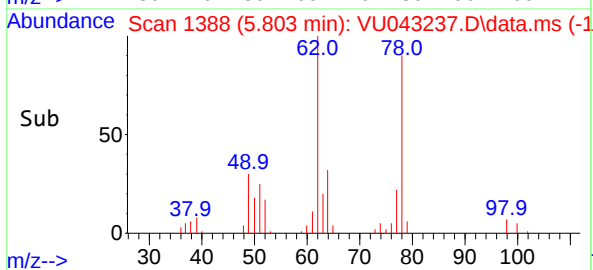
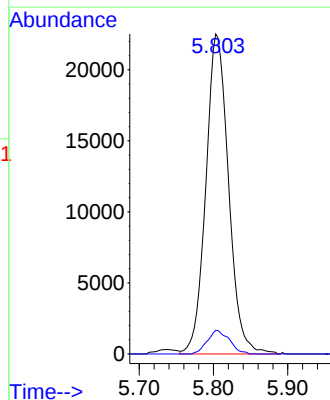
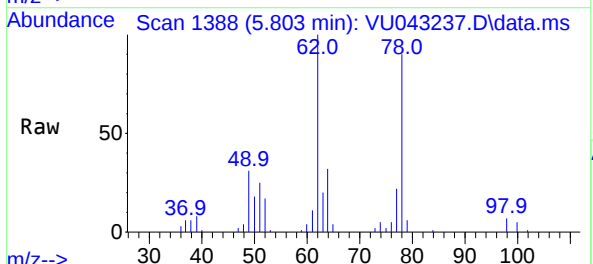
Tgt Ion: 83 Resp: 62764
Ion Ratio Lower Upper
83 100
85 62.7 45.6 84.8

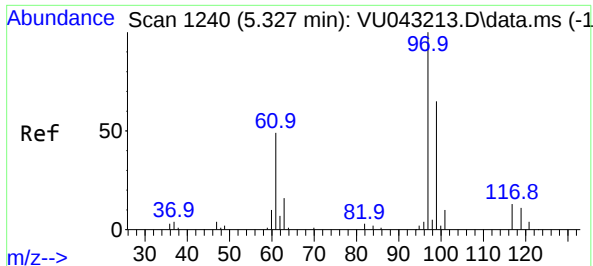


#27

1,2-Dichloroethane
Concen: 5.84 ug/L
RT: 5.803 min Scan# 1388
Delta R.T. 0.000 min
Lab File: VU043237.D
Acq: 20 Apr 2021 20:41

Tgt Ion: 62 Resp: 47854
Ion Ratio Lower Upper
62 100
98 7.3 7.5 11.3#

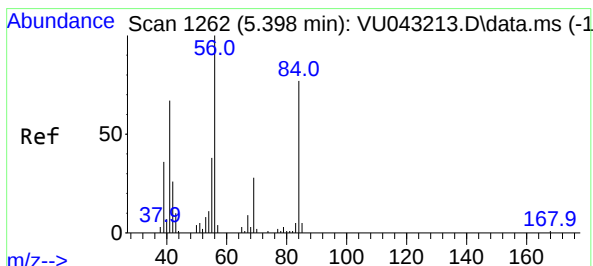
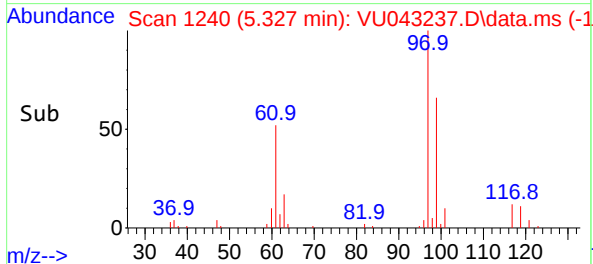
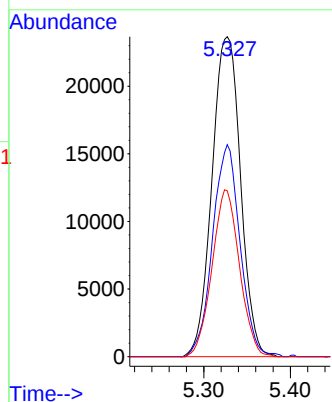
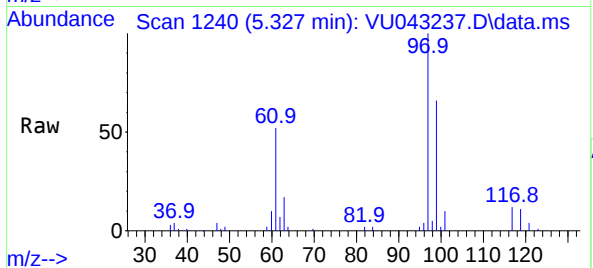




#29
1,1,1-Trichloroethane
Concen: 5.33 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VU043237.D
Acq: 20 Apr 2021 20:41

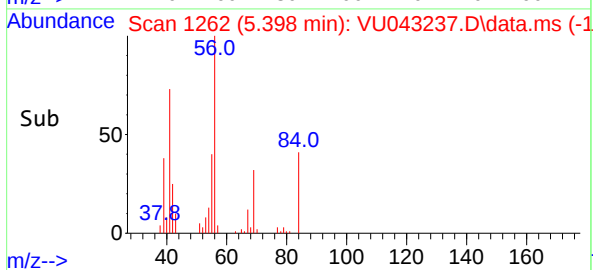
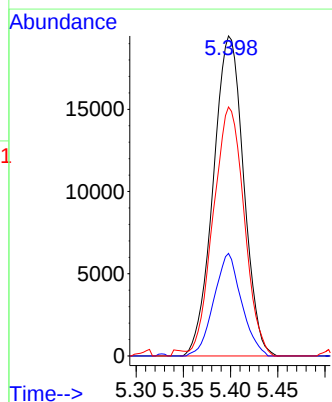
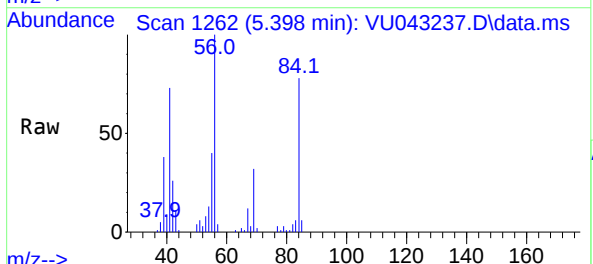
Instrument :
MSVOA_U
ClientSampleId :

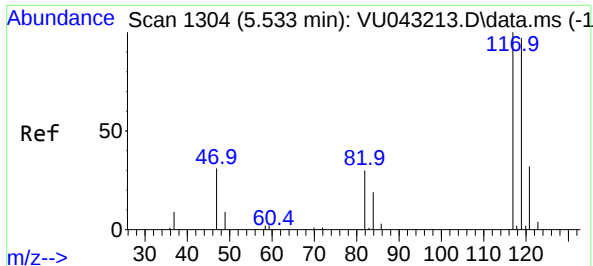
Tgt Ion: 97 Resp: 54318
Ion Ratio Lower Upper
97 100
99 63.7 50.3 75.5
61 50.0 32.7 49.1#



#30
Cyclohexane
Concen: 4.98 ug/L
RT: 5.398 min Scan# 1262
Delta R.T. 0.000 min
Lab File: VU043237.D
Acq: 20 Apr 2021 20:41

Tgt Ion: 56 Resp: 43467
Ion Ratio Lower Upper
56 100
69 29.2 25.2 37.8
84 79.3 76.2 114.4

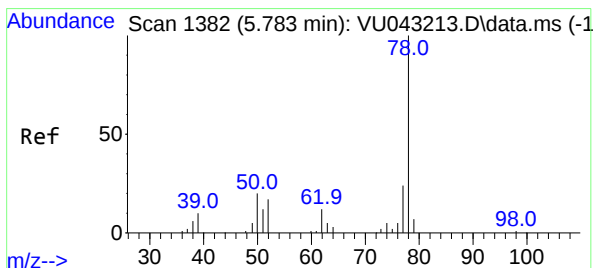
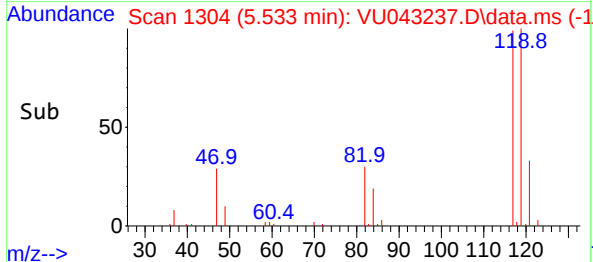
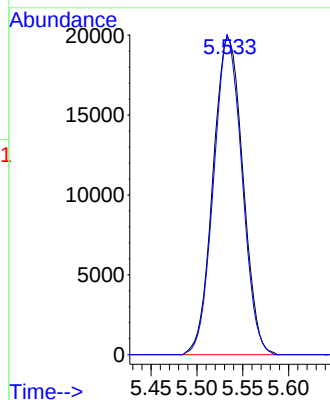
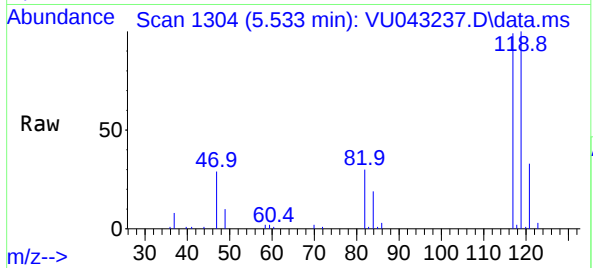




#31
Carbon tetrachloride
Concen: 5.30 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VU043237.D
Acq: 20 Apr 2021 20:41

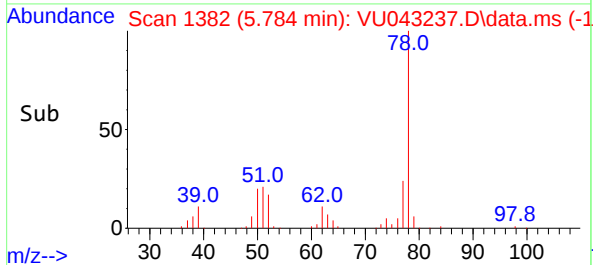
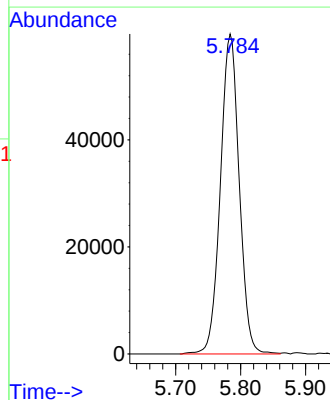
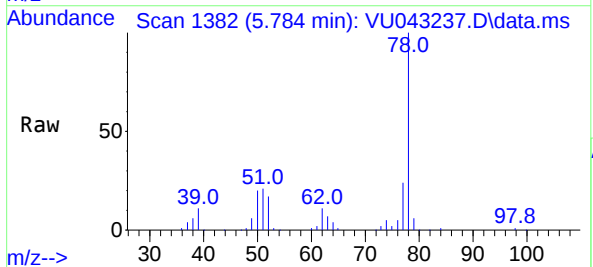
Instrument :
MSVOA_U
ClientSampled :

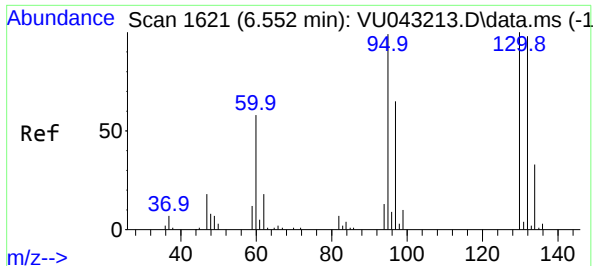
Tgt Ion:117 Resp: 45015
Ion Ratio Lower Upper
117 100
119 95.2 76.2 114.4



#33
Benzene
Concen: 5.43 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VU043237.D
Acq: 20 Apr 2021 20:41

Tgt Ion: 78 Resp: 119885



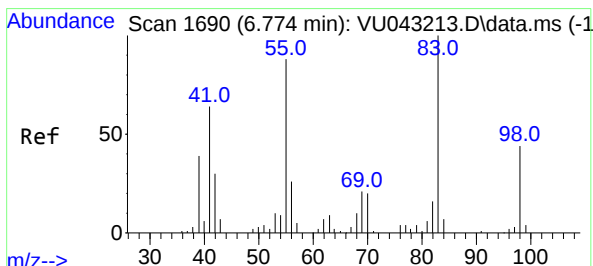
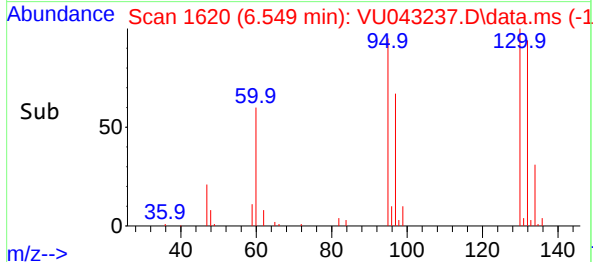
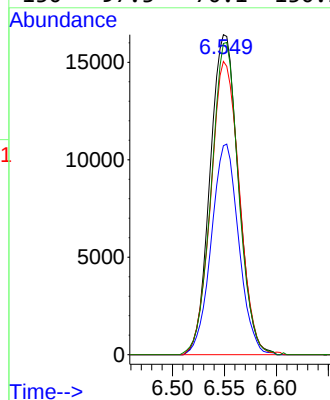
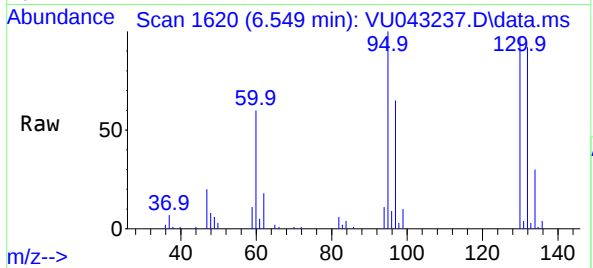


#34
Trichloroethene
Concen: 5.12 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.003 min
Lab File: VU043237.D
Acq: 20 Apr 2021 20:41

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 31131

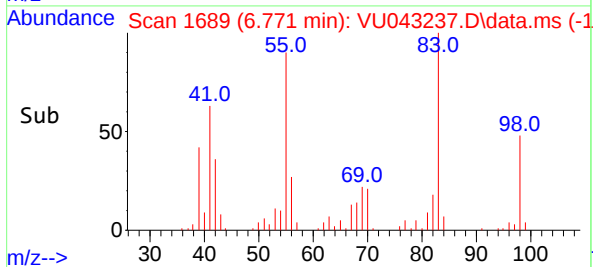
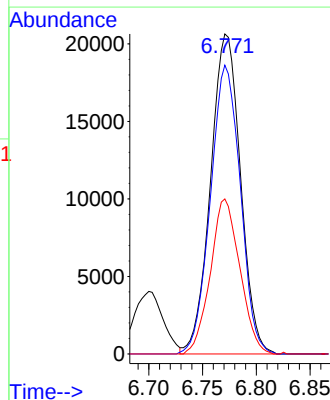
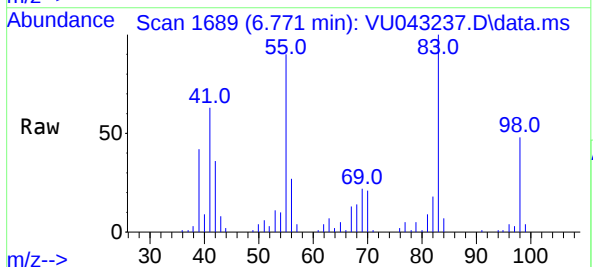
Ion	Ratio	Lower	Upper
95	100		
97	65.3	45.8	85.2
132	91.6	68.7	127.7
130	97.3	70.1	130.3

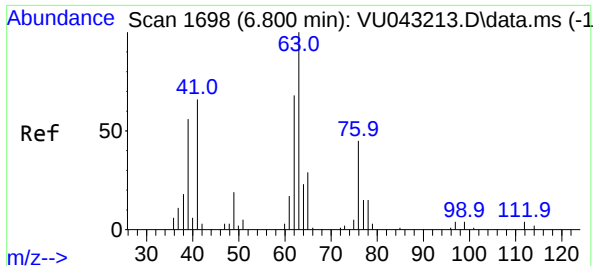


#35
Methylcyclohexane
Concen: 4.75 ug/L
RT: 6.771 min Scan# 1689
Delta R.T. -0.003 min
Lab File: VU043237.D
Acq: 20 Apr 2021 20:41

Tgt Ion: 83 Resp: 39959

Ion	Ratio	Lower	Upper
83	100		
55	90.1	59.5	89.3#
98	47.7	37.9	56.9

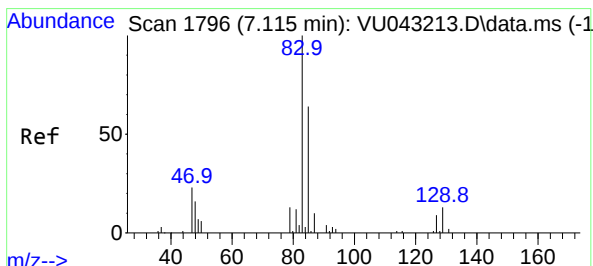
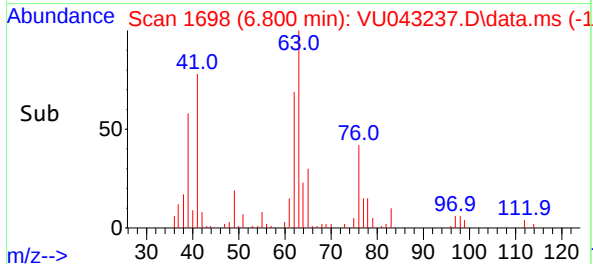
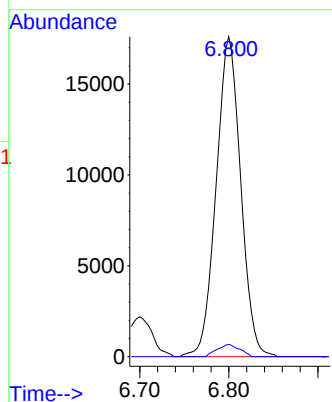
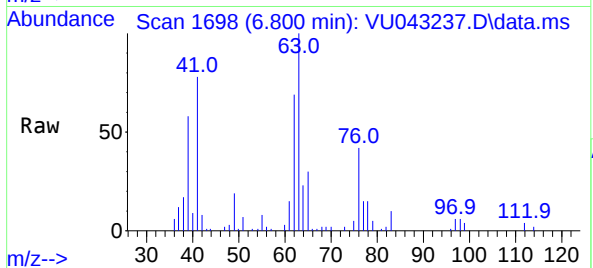




#37
1,2-Dichloropropane
Concen: 5.41 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VU043237.D
Acq: 20 Apr 2021 20:41

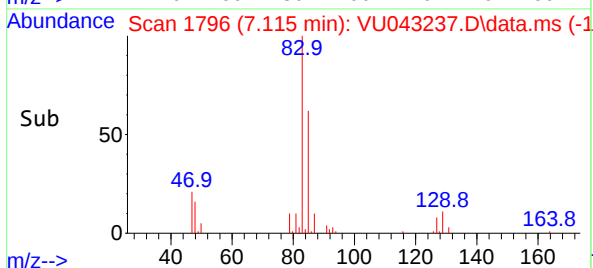
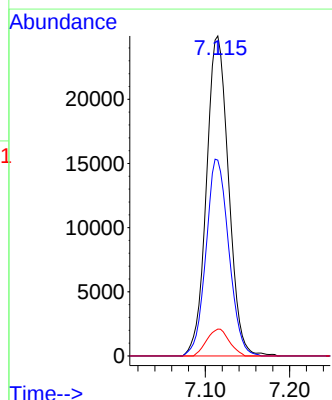
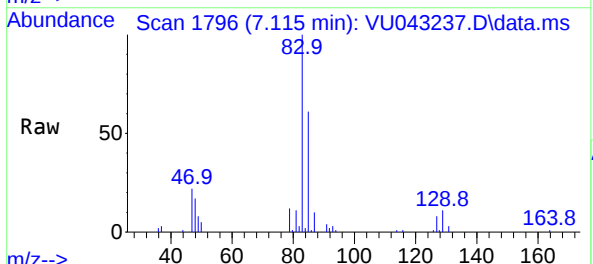
Instrument :
MSVOA_U
ClientSampled :

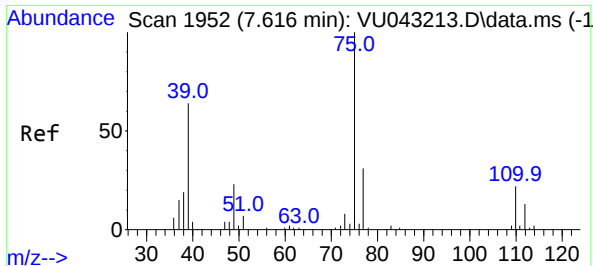
Tgt Ion: 63 Resp: 33652
Ion Ratio Lower Upper
63 100
112 3.5 3.5 5.3



#38
Bromodichloromethane
Concen: 5.46 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VU043237.D
Acq: 20 Apr 2021 20:41

Tgt Ion: 83 Resp: 45564
Ion Ratio Lower Upper
83 100
85 61.2 44.6 82.8
127 8.4 7.4 11.2



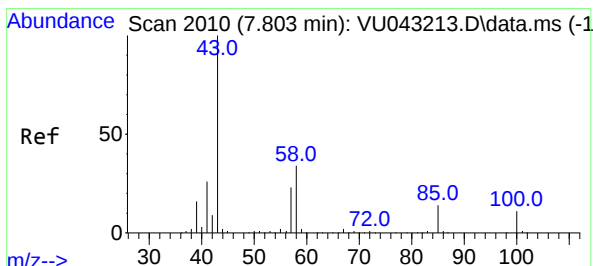
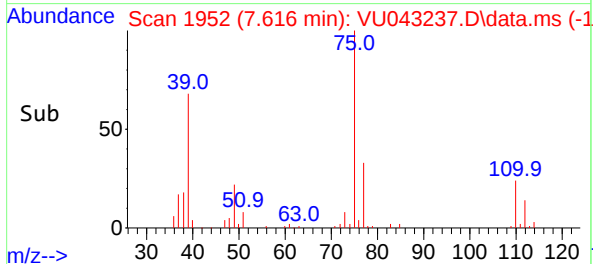
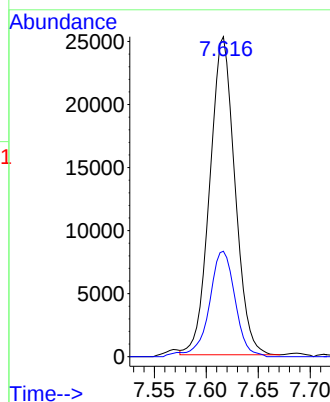
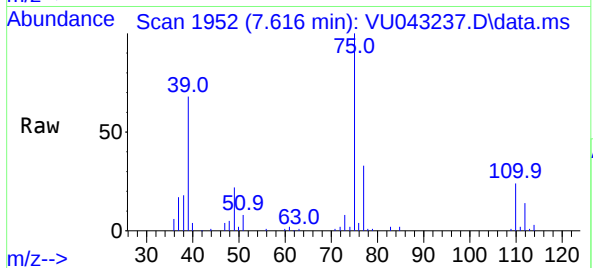


#39

cis-1,3-Dichloropropene
Concen: 4.67 ug/L
RT: 7.616 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VU043237.D
Acq: 20 Apr 2021 20:41

Instrument :
MSVOA_U
ClientSampled :

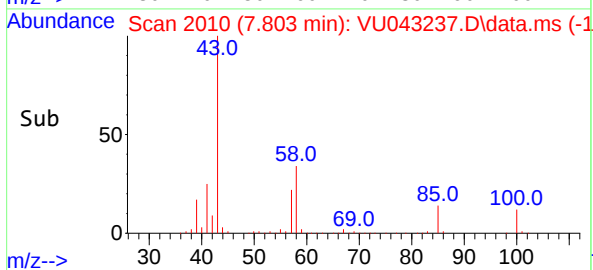
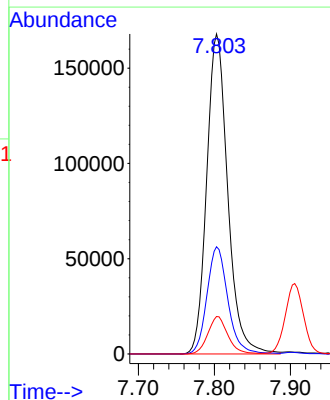
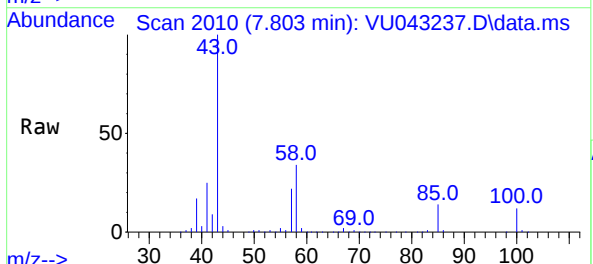
Tgt Ion: 75 Resp: 42440
Ion Ratio Lower Upper
75 100
77 32.9 21.8 40.6

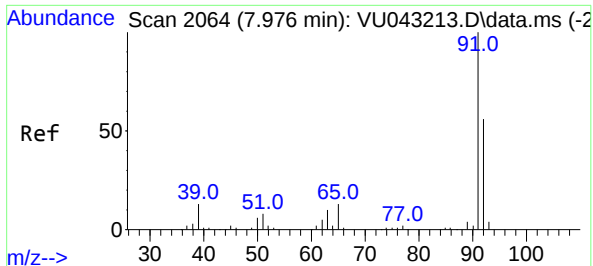


#40

4-Methyl-2-pentanone
Concen: 58.04 ug/L
RT: 7.803 min Scan# 2010
Delta R.T. 0.000 min
Lab File: VU043237.D
Acq: 20 Apr 2021 20:41

Tgt Ion: 43 Resp: 322763
Ion Ratio Lower Upper
43 100
58 33.4 35.8 53.6#
100 11.1 15.1 22.7#

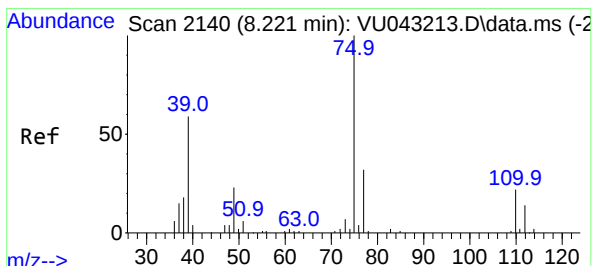
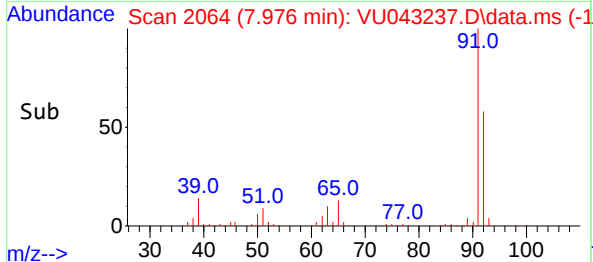
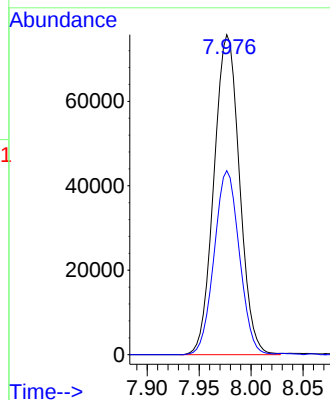
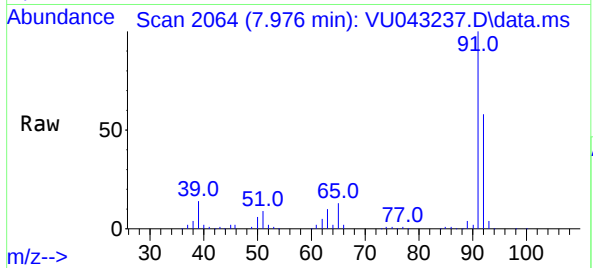




#42
Toluene
Concen: 5.25 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU043237.D
Acq: 20 Apr 2021 20:41

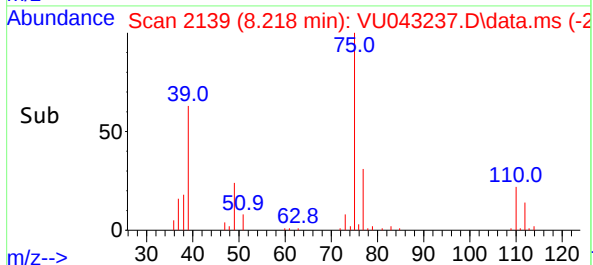
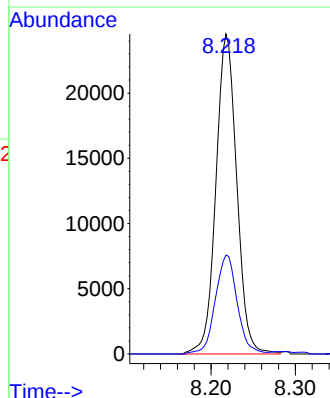
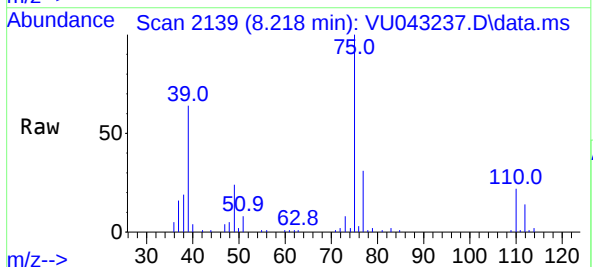
Instrument :
MSVOA_U
ClientSampled :

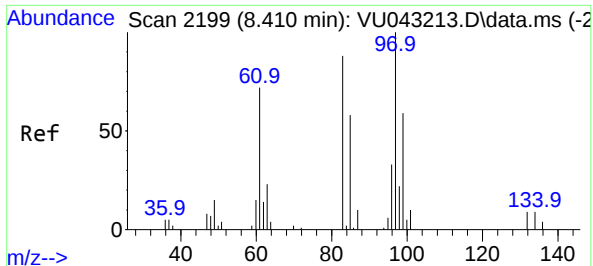
Tgt Ion: 91 Resp: 129655
Ion Ratio Lower Upper
91 100
92 57.5 40.9 76.0



#44
trans-1,3-Dichloropropene
Concen: 4.91 ug/L
RT: 8.218 min Scan# 2139
Delta R.T. -0.003 min
Lab File: VU043237.D
Acq: 20 Apr 2021 20:41

Tgt Ion: 75 Resp: 42014
Ion Ratio Lower Upper
75 100
77 30.9 23.4 43.4





#45

1,1,2-Trichloroethane

Concen: 5.45 ug/L

RT: 8.407 min Scan# 2198

Delta R.T. -0.003 min

Lab File: VU043237.D

Acq: 20 Apr 2021 20:41

Tgt Ion: 97 Resp: 25306

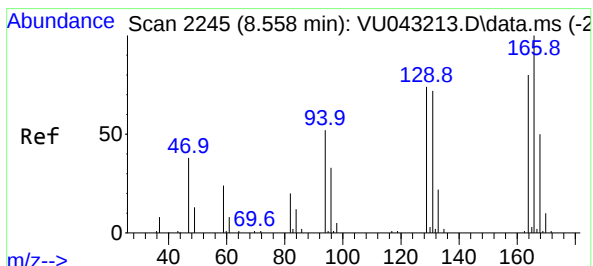
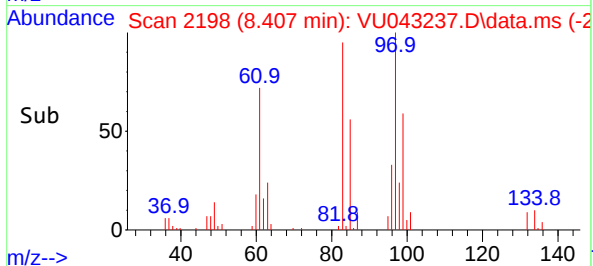
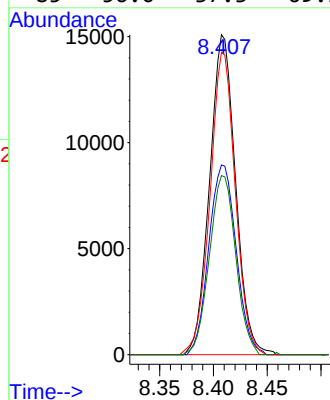
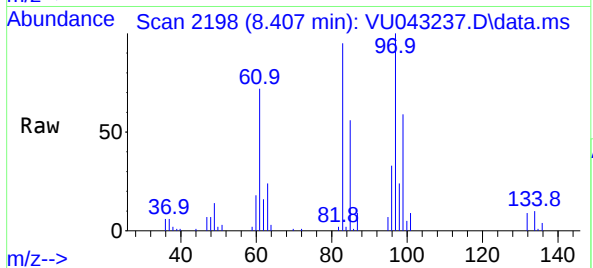
Ion Ratio Lower Upper

97 100

99 59.3 44.2 82.0

83 94.5 60.1 111.7

85 56.0 37.3 69.3



#47

Tetrachloroethene

Concen: 5.20 ug/L

RT: 8.558 min Scan# 2245

Delta R.T. 0.000 min

Lab File: VU043237.D

Acq: 20 Apr 2021 20:41

Tgt Ion: 164 Resp: 25054

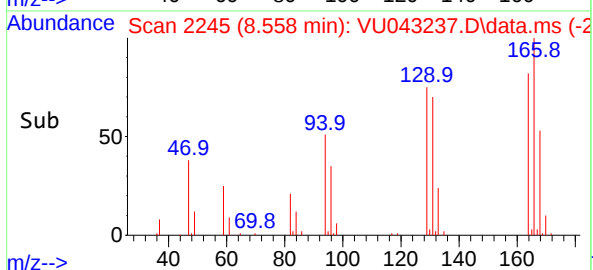
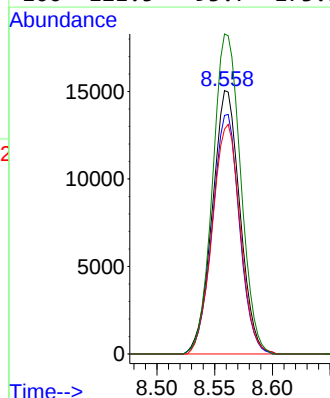
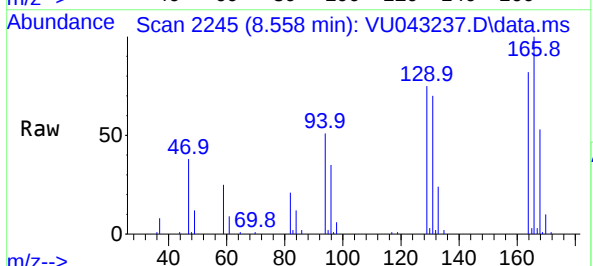
Ion Ratio Lower Upper

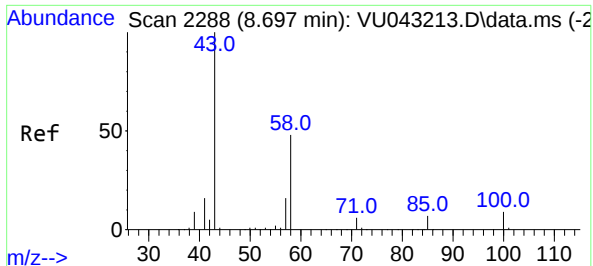
164 100

129 90.5 66.6 123.8

131 85.3 65.9 122.3

166 121.5 93.7 173.9



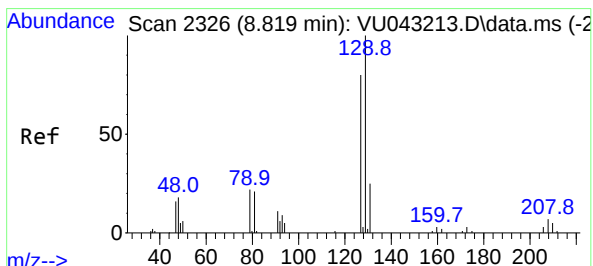
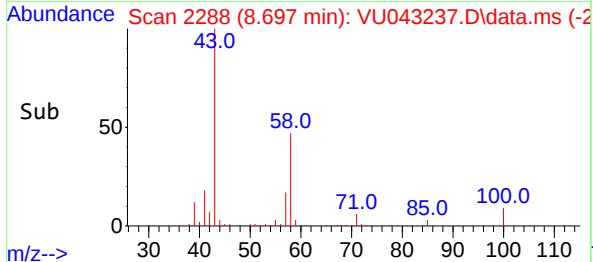
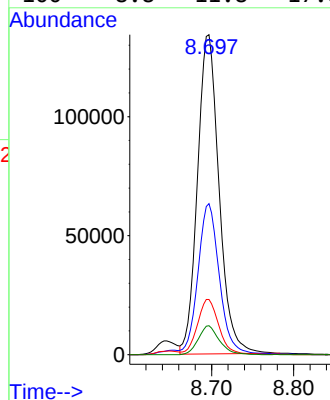
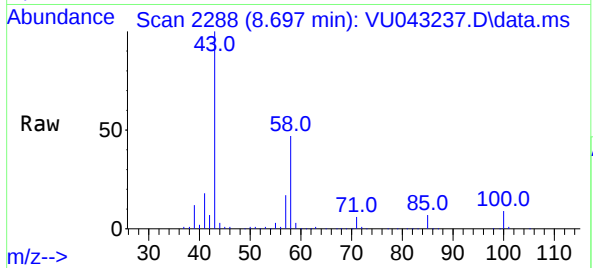


#48
2-Hexanone
Concen: 60.11 ug/L
RT: 8.697 min Scan# 2288
Delta R.T. 0.000 min
Lab File: VU043237.D
Acq: 20 Apr 2021 20:41

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 245974

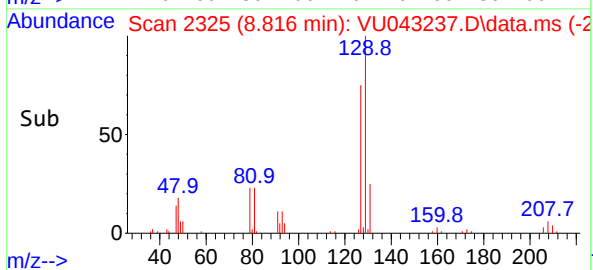
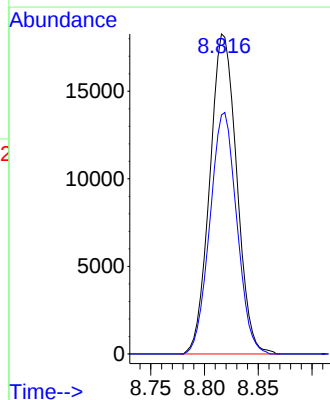
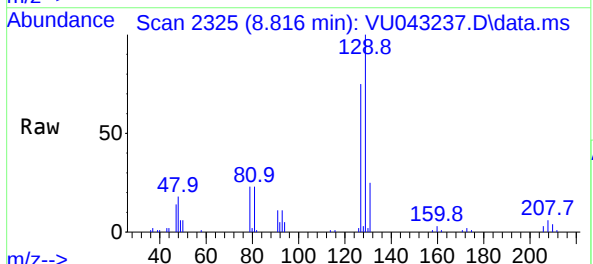
Ion	Ratio	Lower	Upper
43	100		
58	46.8	50.0	75.0#
57	17.1	17.4	26.0#
100	8.8	11.8	17.8#

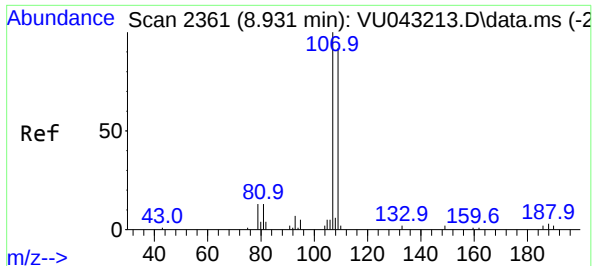


#49
Dibromochloromethane
Concen: 5.44 ug/L
RT: 8.816 min Scan# 2325
Delta R.T. -0.003 min
Lab File: VU043237.D
Acq: 20 Apr 2021 20:41

Tgt Ion: 129 Resp: 31858

Ion	Ratio	Lower	Upper
129	100		
127	74.7	56.6	105.2



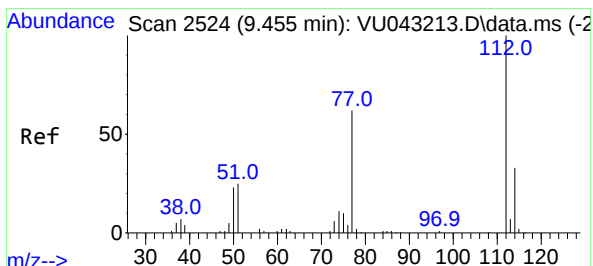
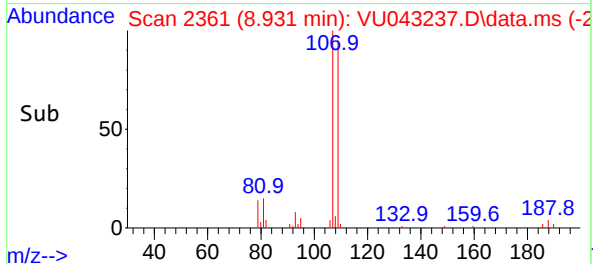
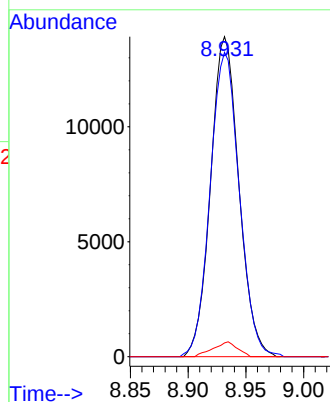
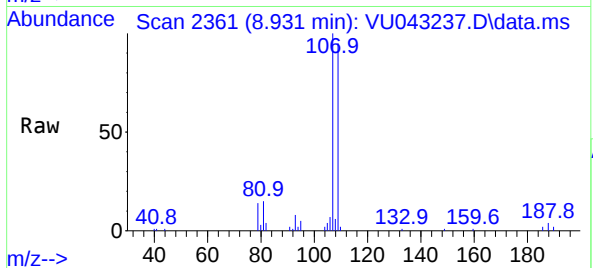


#50
1,2-Dibromoethane
Concen: 5.13 ug/L
RT: 8.931 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VU043237.D
Acq: 20 Apr 2021 20:41

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:107 Resp: 23703

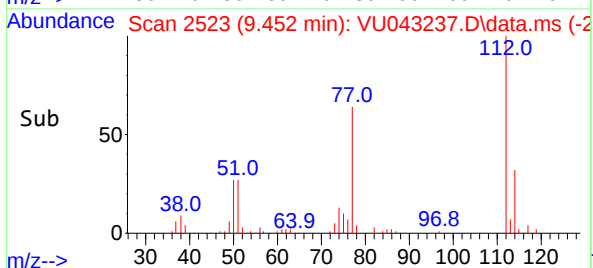
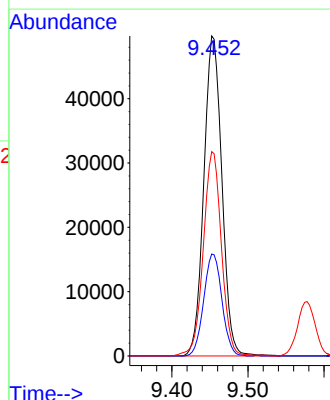
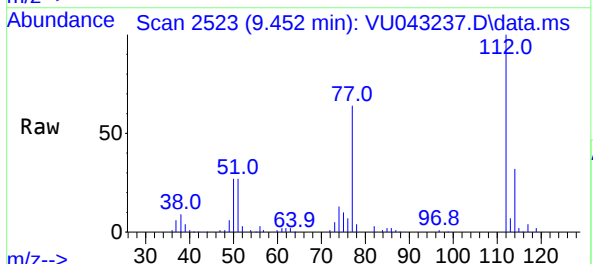
Ion	Ratio	Lower	Upper
107	100		
109	95.1	65.4	121.4
188	4.3	2.5	3.7#

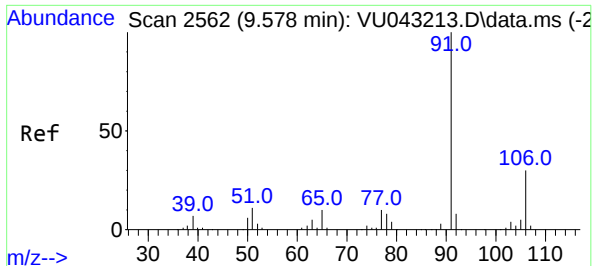


#51
Chlorobenzene
Concen: 5.22 ug/L
RT: 9.452 min Scan# 2523
Delta R.T. -0.003 min
Lab File: VU043237.D
Acq: 20 Apr 2021 20:41

Tgt Ion:112 Resp: 82166

Ion	Ratio	Lower	Upper
112	100		
114	31.8	21.9	40.7
77	63.8	45.1	67.7

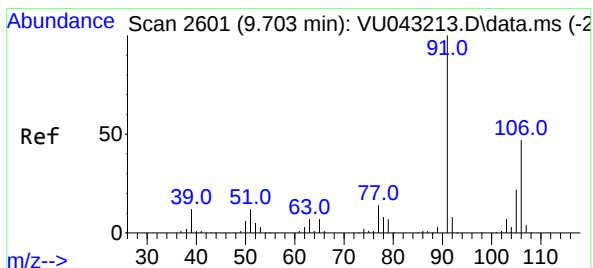
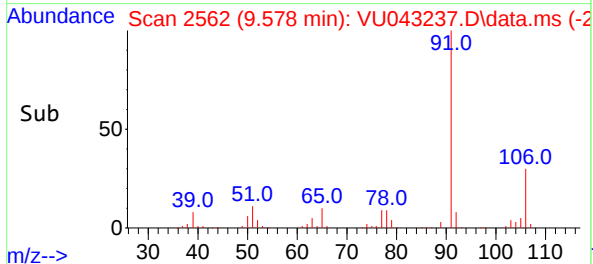
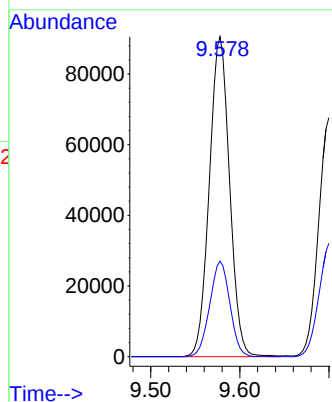
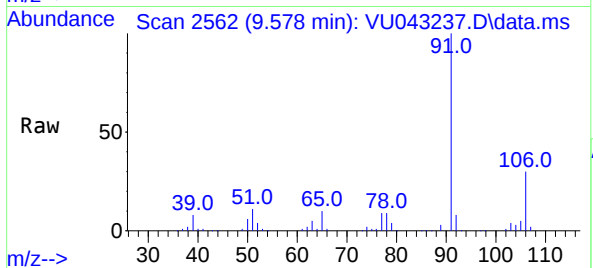




#52
Ethylbenzene
Concen: 5.05 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. 0.000 min
Lab File: VU043237.D
Acq: 20 Apr 2021 20:41

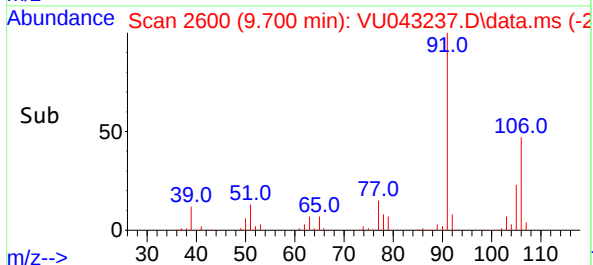
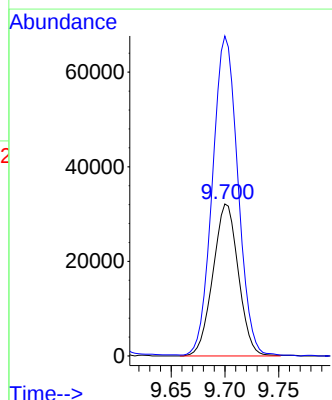
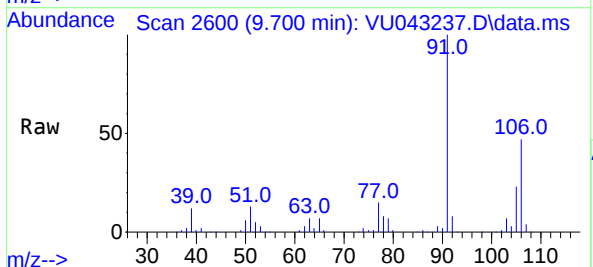
Instrument :
MSVOA_U
ClientSampled :

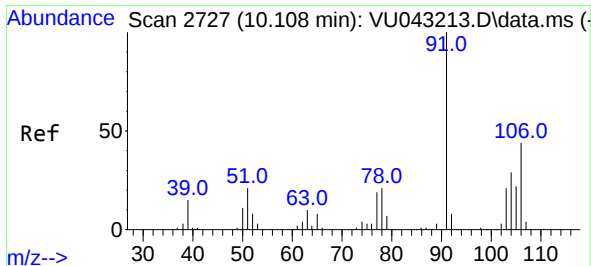
Tgt Ion: 91 Resp: 142529
Ion Ratio Lower Upper
91 100
106 29.9 22.0 40.8



#53
m,p-Xylene
Concen: 5.11 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. -0.003 min
Lab File: VU043237.D
Acq: 20 Apr 2021 20:41

Tgt Ion: 106 Resp: 52805
Ion Ratio Lower Upper
106 100
91 210.6 137.6 255.6

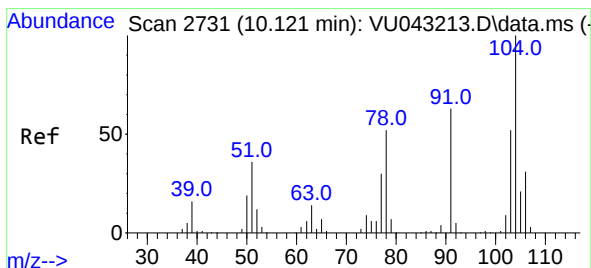
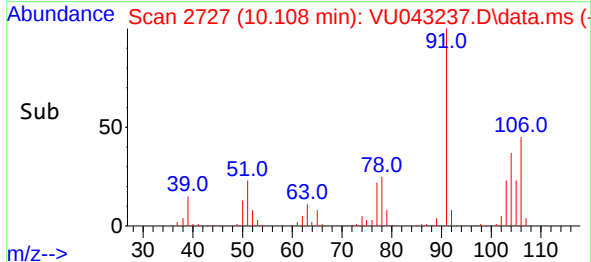
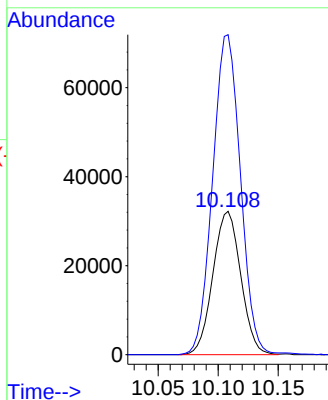
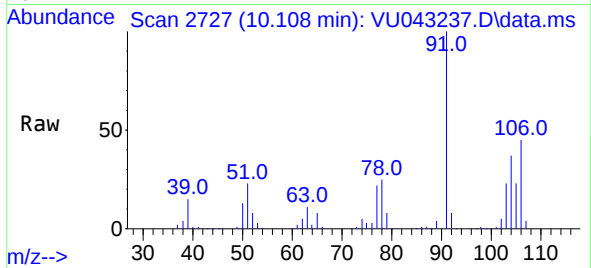




#54
o-Xylene
Concen: 5.08 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. 0.000 min
Lab File: VU043237.D
Acq: 20 Apr 2021 20:41

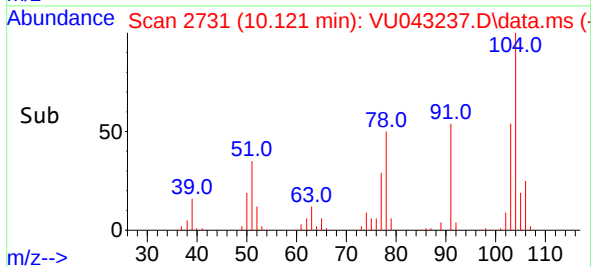
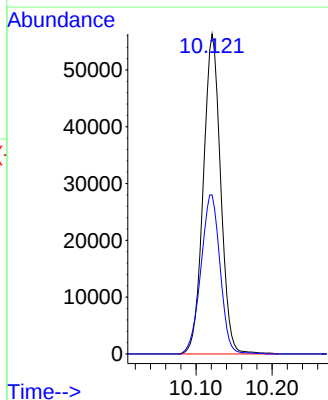
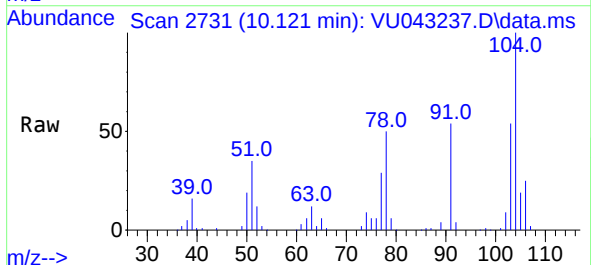
Instrument :
MSVOA_U
ClientSampleId :

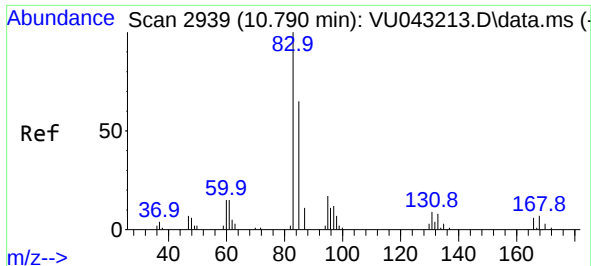
Tgt Ion:106 Resp: 52009
Ion Ratio Lower Upper
106 100
91 223.2 148.5 275.9



#55
Styrene
Concen: 5.10 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. 0.000 min
Lab File: VU043237.D
Acq: 20 Apr 2021 20:41

Tgt Ion:104 Resp: 89381
Ion Ratio Lower Upper
104 100
78 49.7 32.3 60.1

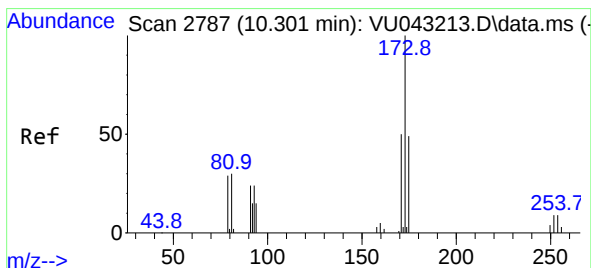
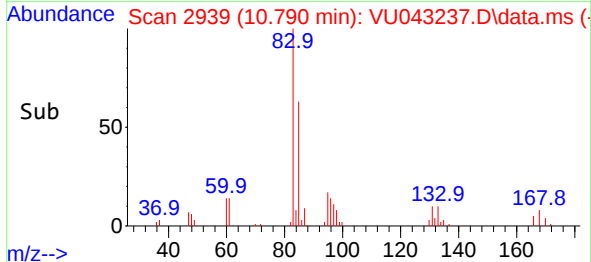
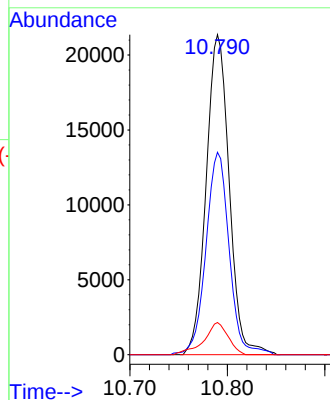
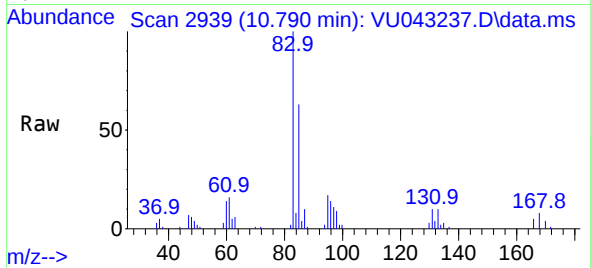




#57
1,1,2,2-Tetrachloroethane
Concen: 5.74 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. 0.000 min
Lab File: VU043237.D
Acq: 20 Apr 2021 20:41

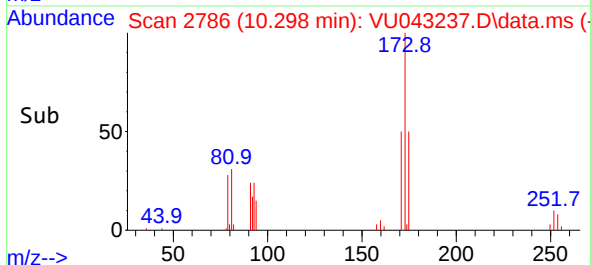
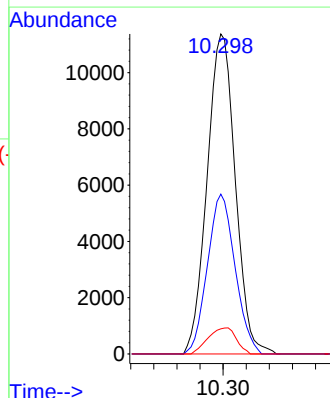
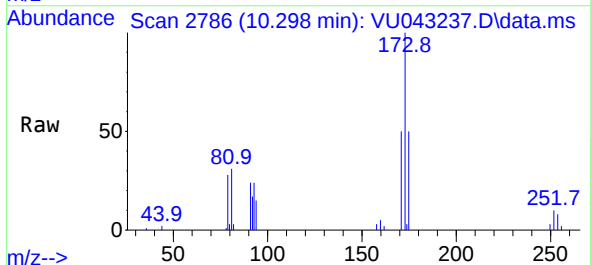
Instrument :
MSVOA_U
ClientSampleId :

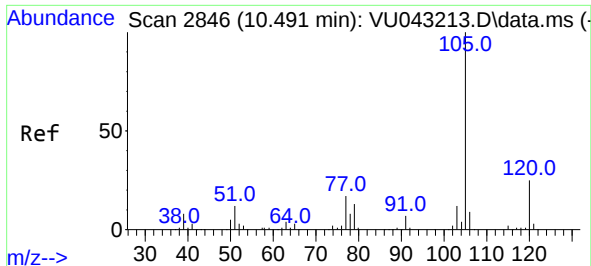
Tgt Ion:	83	Resp:	35060
Ion	Ratio	Lower	Upper
83	100		
85	63.2	44.9	83.5
131	10.1	8.2	12.4



#59
Bromoform
Concen: 5.43 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. -0.003 min
Lab File: VU043237.D
Acq: 20 Apr 2021 20:41

Tgt Ion:	173	Resp:	19276
Ion	Ratio	Lower	Upper
173	100		
175	48.9	39.4	59.0
254	8.2	8.0	12.0

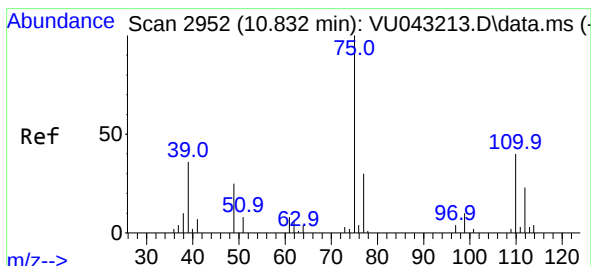
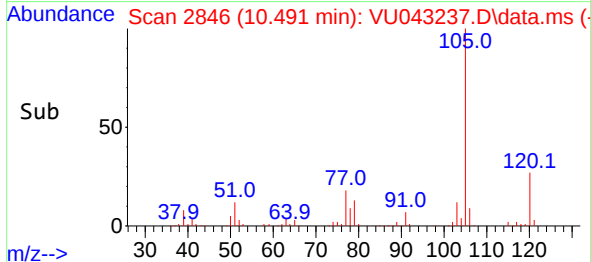
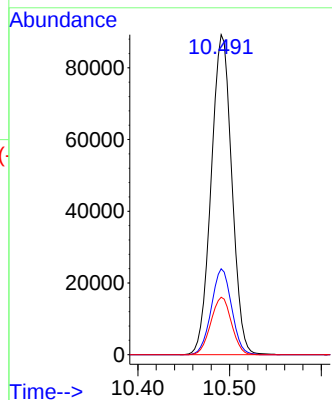
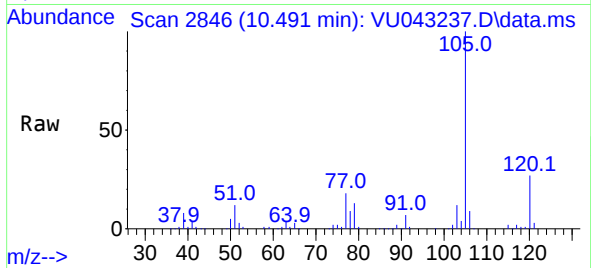




#60
Isopropylbenzene
Concen: 5.01 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. 0.000 min
Lab File: VU043237.D
Acq: 20 Apr 2021 20:41

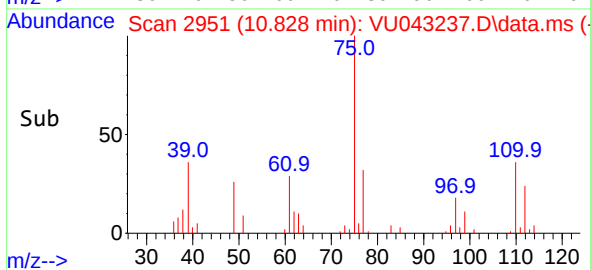
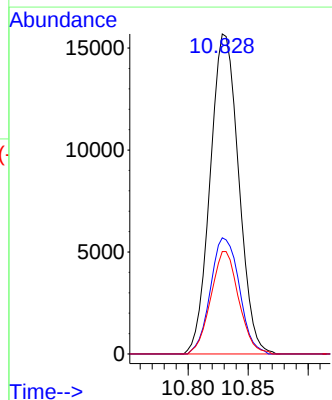
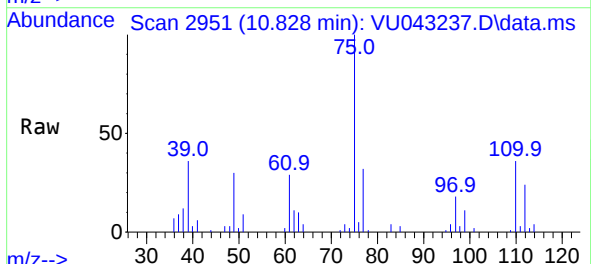
Instrument :
MSVOA_U
ClientSampled :

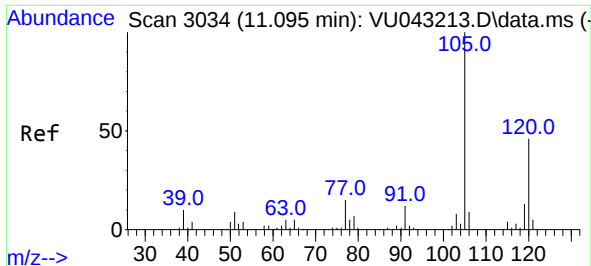
Tgt Ion:105 Resp: 139616
Ion Ratio Lower Upper
105 100
120 26.4 20.9 31.3
77 17.9 11.8 17.8#



#61
1,2,3-Trichloropropane
Concen: 5.76 ug/L
RT: 10.828 min Scan# 2951
Delta R.T. -0.003 min
Lab File: VU043237.D
Acq: 20 Apr 2021 20:41

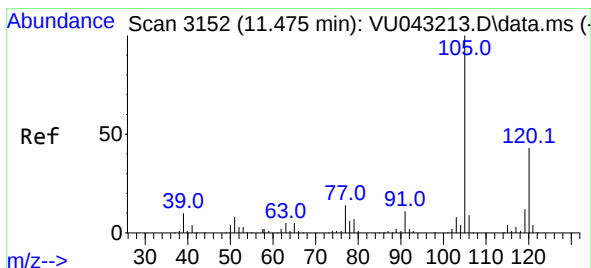
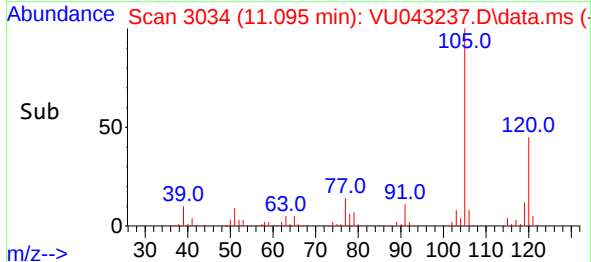
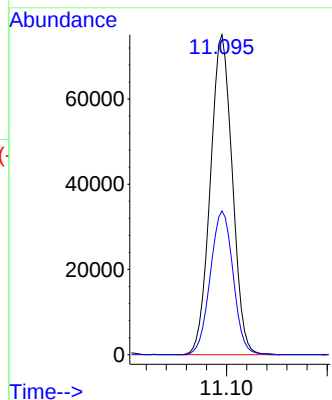
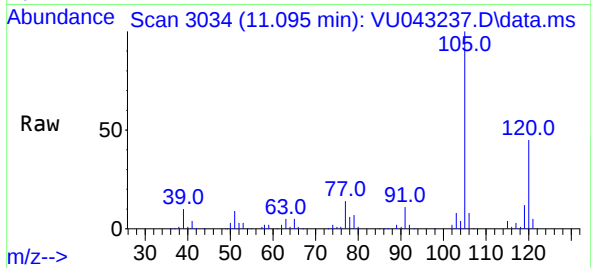
Tgt Ion: 75 Resp: 25882
Ion Ratio Lower Upper
75 100
110 36.8 31.5 47.3
77 31.5 26.3 39.5





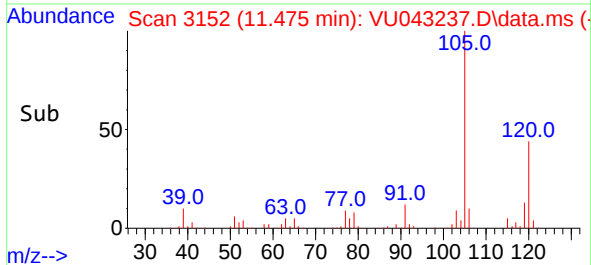
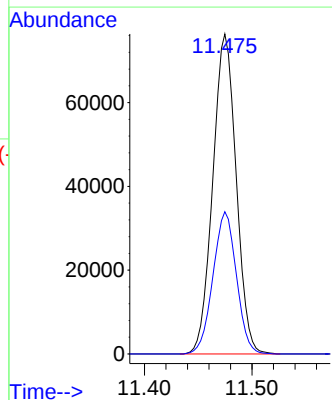
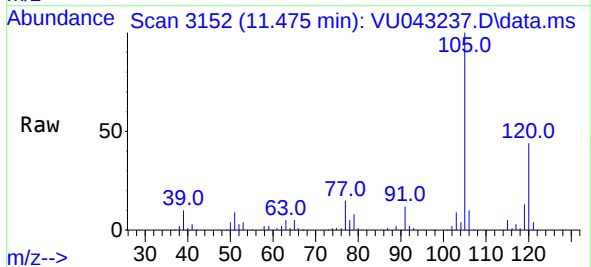
#62
1,3,5-Trimethylbenzene
Concen: 5.00 ug/L
RT: 11.095 min Scan# 3034
Delta R.T. 0.000 min
Lab File: VU043237.D
Acq: 20 Apr 2021 20:41

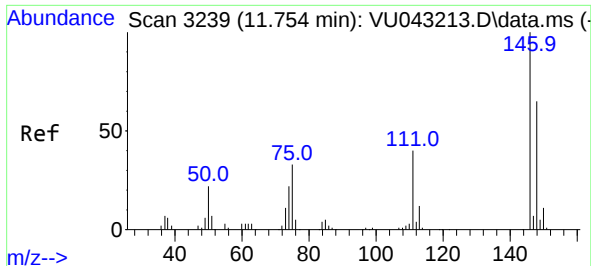
Tgt Ion:105 Resp: 114088
Ion Ratio Lower Upper
105 100
120 46.6 39.5 59.3



#63
1,2,4-Trimethylbenzene
Concen: 4.92 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VU043237.D
Acq: 20 Apr 2021 20:41

Tgt Ion:105 Resp: 115309
Ion Ratio Lower Upper
105 100
120 44.6 36.7 55.1

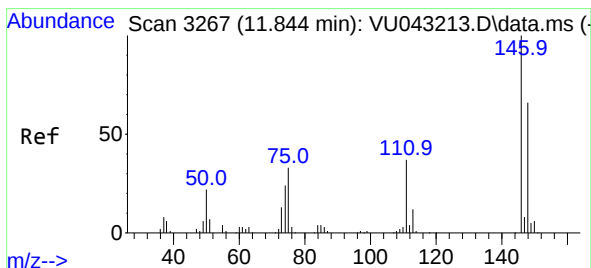
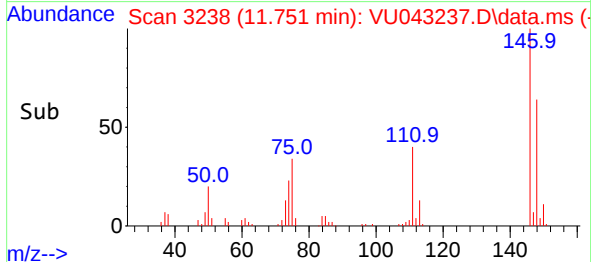
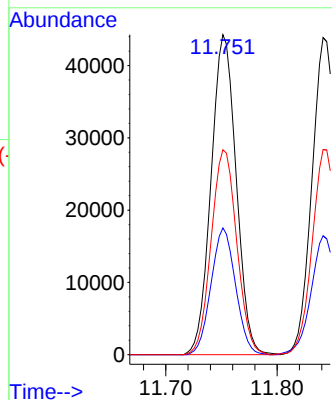
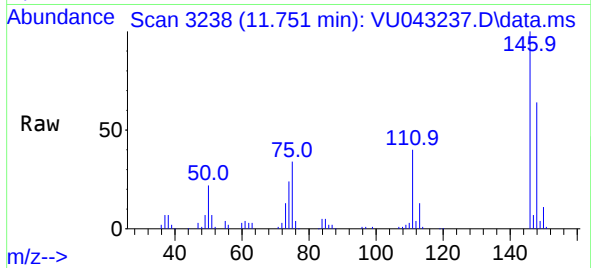




#64
1,3-Dichlorobenzene
Concen: 5.23 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. -0.003 min
Lab File: VU043237.D
Acq: 20 Apr 2021 20:41

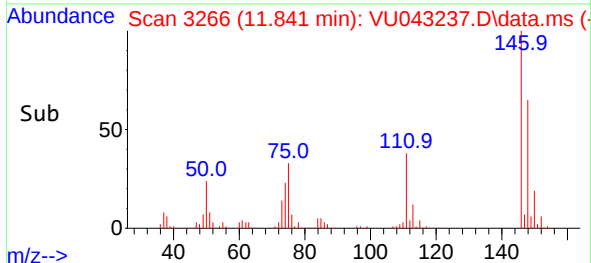
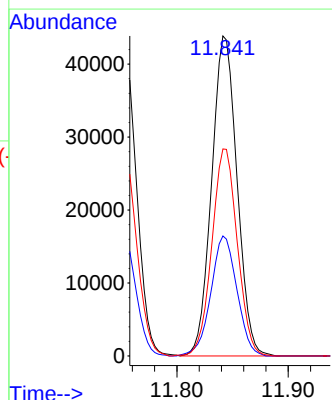
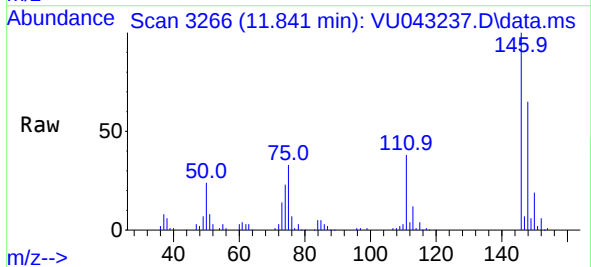
Instrument :
MSVOA_U
ClientSampleId :

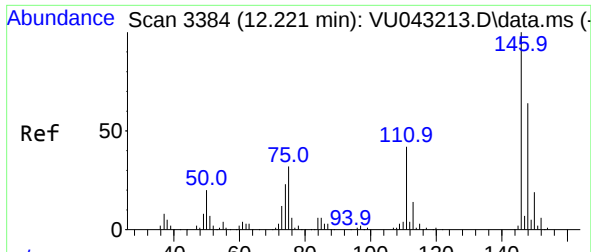
Tgt Ion:146 Resp: 69249
Ion Ratio Lower Upper
146 100
111 39.6 27.6 51.2
148 64.0 44.9 83.3



#65
1,4-Dichlorobenzene
Concen: 5.18 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. -0.003 min
Lab File: VU043237.D
Acq: 20 Apr 2021 20:41

Tgt Ion:146 Resp: 69513
Ion Ratio Lower Upper
146 100
111 37.5 26.7 49.5
148 64.7 43.9 81.5





#67

1,2-Dichlorobenzene

Concen: 5.33 ug/L

RT: 12.221 min Scan# 3384

Delta R.T. 0.000 min

Lab File: VU043237.D

Acq: 20 Apr 2021 20:41

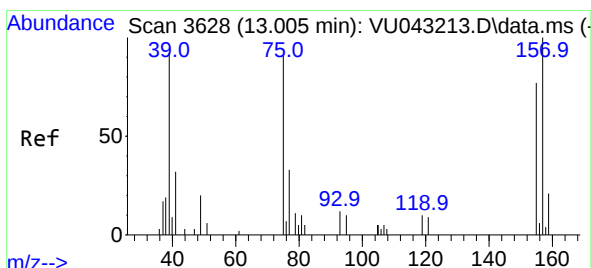
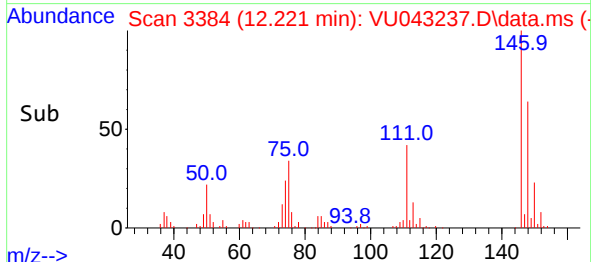
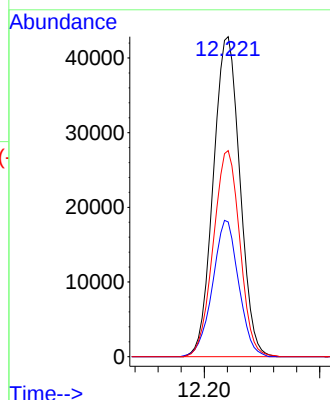
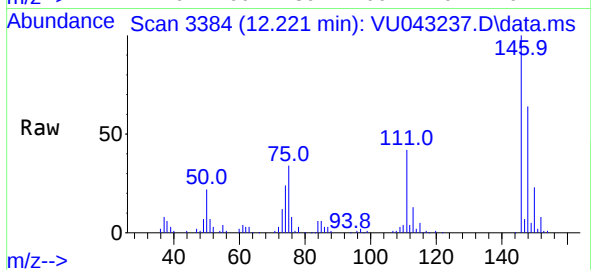
Tgt Ion:146 Resp: 68542

Ion Ratio Lower Upper

146 100

111 42.1 31.9 47.9

148 64.4 48.8 73.2



#68

1,2-Dibromo-3-chloropropane

Concen: 5.72 ug/L

RT: 13.005 min Scan# 3628

Delta R.T. 0.000 min

Lab File: VU043237.D

Acq: 20 Apr 2021 20:41

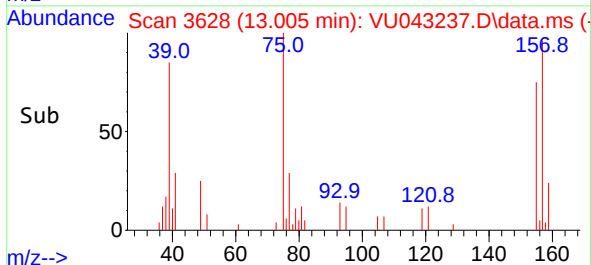
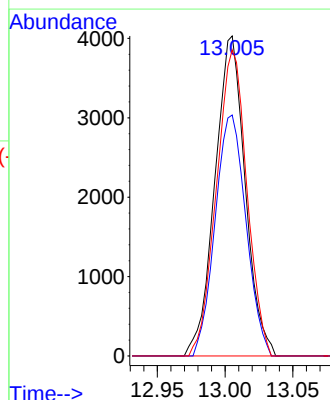
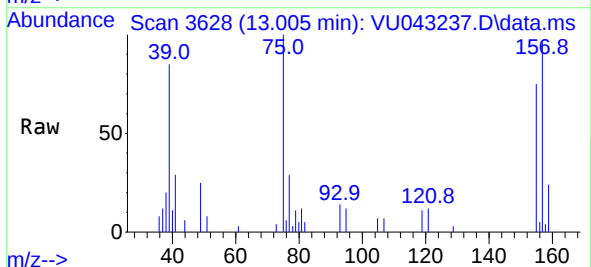
Tgt Ion: 75 Resp: 6257

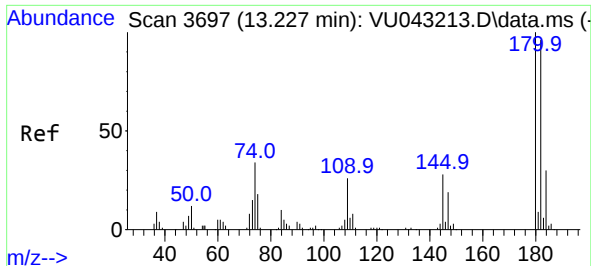
Ion Ratio Lower Upper

75 100

155 75.3 67.8 101.8

157 95.7 82.4 123.6



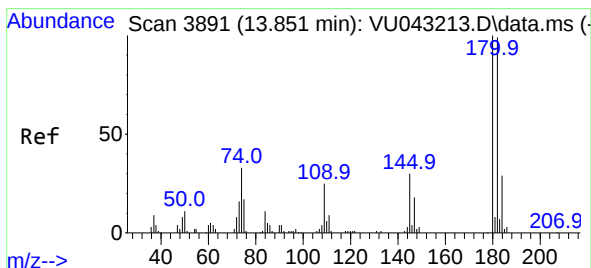
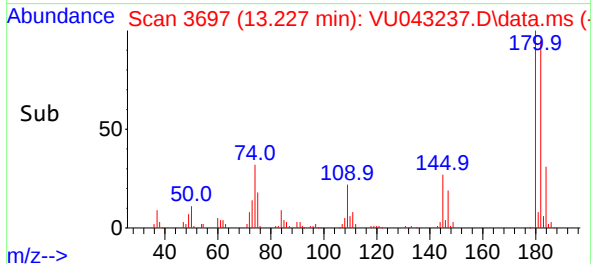
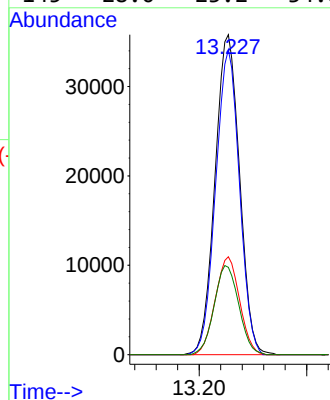
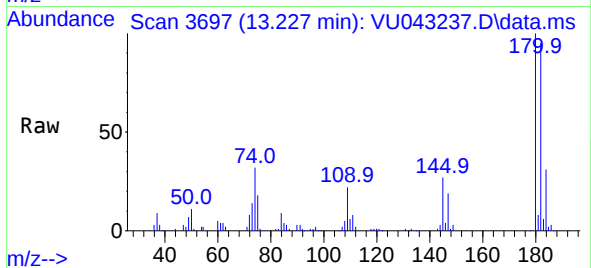


#69
1,3,5-Trichlorobenzene
Concen: 5.22 ug/L
RT: 13.227 min Scan# 3697
Delta R.T. 0.000 min
Lab File: VU043237.D
Acq: 20 Apr 2021 20:41

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:180 Resp: 56656

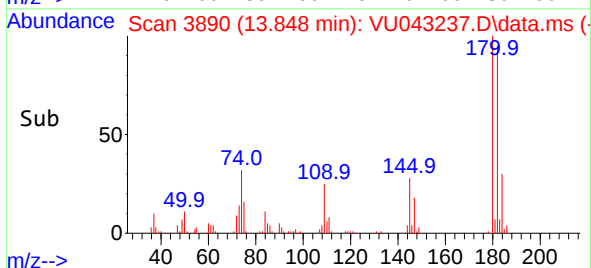
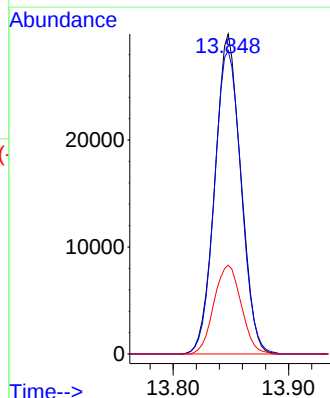
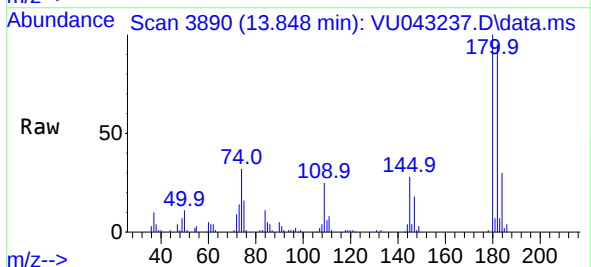
Ion	Ratio	Lower	Upper
180	100		
182	92.3	76.1	114.1
184	30.4	24.0	36.0
145	28.0	23.2	34.8

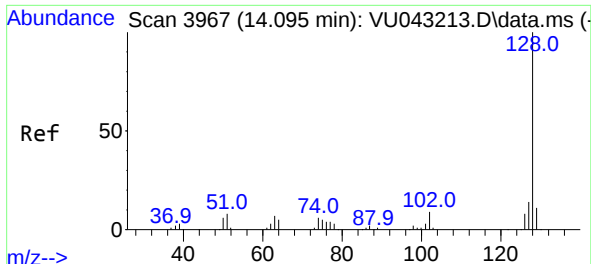


#70
1,2,4-trichlorobenzene
Concen: 5.19 ug/L
RT: 13.848 min Scan# 3890
Delta R.T. -0.003 min
Lab File: VU043237.D
Acq: 20 Apr 2021 20:41

Tgt Ion:180 Resp: 46709

Ion	Ratio	Lower	Upper
180	100		
182	97.7	76.5	114.7
145	29.0	24.1	36.1

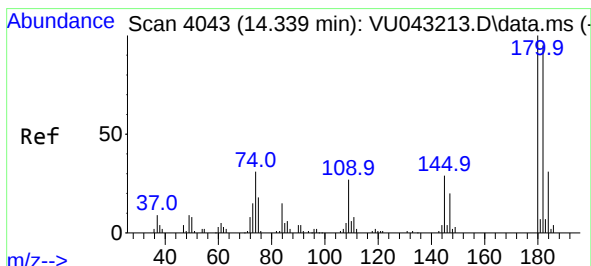
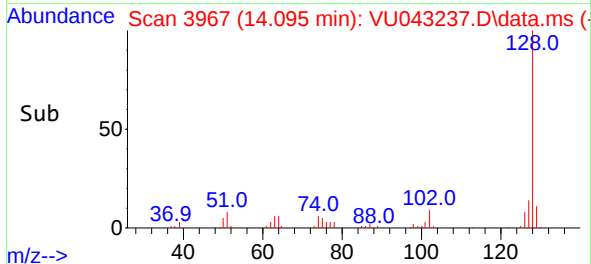
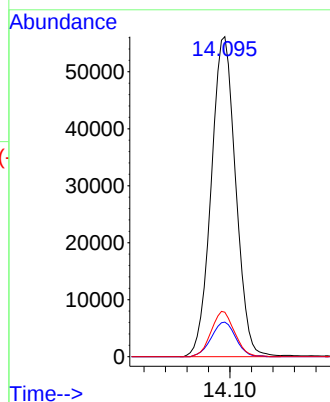
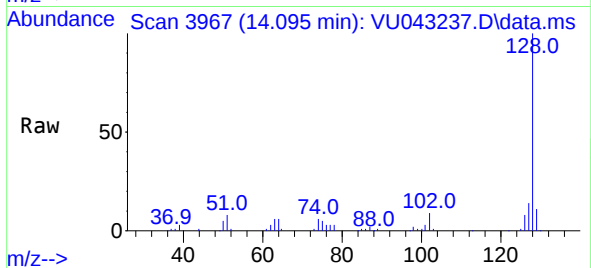




#71
Naphthalene
Concen: 5.85 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. 0.000 min
Lab File: VU043237.D
Acq: 20 Apr 2021 20:41

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 88693
Ion Ratio Lower Upper
128 100
129 10.8 8.6 12.8
127 13.6 10.6 15.8



#72
1,2,3-Trichlorobenzene
Concen: 5.71 ug/L
RT: 14.336 min Scan# 4042
Delta R.T. -0.003 min
Lab File: VU043237.D
Acq: 20 Apr 2021 20:41

Tgt Ion:180 Resp: 47076
Ion Ratio Lower Upper
180 100
182 94.2 75.8 113.8
145 31.1 25.0 37.4

