

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012621\
 Data File : VW020158.D
 Acq On : 25 Jan 2021 16:19
 Operator : SY/MD
 Sample : VSTD00561
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 25 17:45:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM012621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jan 25 17:43:44 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	490251	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.859	117	430917	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.257	152	188977	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.309	65	16501	4.24	ug/L	0.00
7) Chloroethane-d5	1.569	69	13344	4.35	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.113	63	31283	4.35	ug/L	0.00
21) 2-Butanone-d5	3.910	46	14544	6.66	ug/L	0.02
24) Chloroform-d	4.357	84	27037	3.80	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.042	65	18926	3.83	ug/L	0.00
32) Benzene-d6	5.058	84	52289	4.45	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.077	67	17827	5.04	ug/L	0.00
41) Toluene-d8	7.325	98	49961	4.59	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.633	79	7738	3.93	ug/L	0.00
47) 2-Hexanone-d5	8.097	63	11913	8.26	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.225	84	25886	5.28	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.633	152	16974	4.53	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.132	85	15237	4.90	ug/L	99
3) Chloromethane	1.245	50	21125	6.17	ug/L	100
5) Vinyl chloride	1.312	62	16383	4.81	ug/L	97
6) Bromomethane	1.524	94	7899	3.76	ug/L	98
8) Chloroethane	1.589	64	10986	4.92	ug/L	97
9) Trichlorofluoromethane	1.756	101	24455	4.51	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.122	101	13728	5.11	ug/L	96
12) 1,1-Dichloroethene	2.122	96	13341	4.84	ug/L	92
13) Acetone	2.441	43	12477	7.64	ug/L	48
14) Carbon disulfide	2.299	76	31527	4.11	ug/L	98
15) Methyl Acetate	2.441	43	14857	4.66	ug/L	99
16) Methylene chloride	2.512	84	14023	4.43	ug/L	96
17) trans-1,2-Dichloroethene	2.766	96	12045	4.17	ug/L	99
18) Methyl tert-butyl Ether	2.769	73	39274	3.91	ug/L	97
19) 1,1-Dichloroethane	3.196	63	24042	4.23	ug/L	96
20) cis-1,2-Dichloroethene	3.923	96	12965	4.05	ug/L	96
22) 2-Butanone	3.994	43	15724	7.44	ug/L	82
23) Bromochloromethane	4.257	128	3169	1.83	ug/L #	69
25) Chloroform	4.383	83	25244	4.17	ug/L	96
27) 1,2-Dichloroethane	5.138	62	21868	4.24	ug/L	99
29) Cyclohexane	4.682	56	17930	4.87	ug/L	99
30) 1,1,1-Trichloroethane	4.614	97	21599	4.39	ug/L	97
31) Carbon tetrachloride	4.833	117	18522	4.40	ug/L	95
33) Benzene	5.106	78	58779	5.51	ug/L	100
34) Trichloroethene	5.923	95	16203	5.63	ug/L	91
35) Methylcyclohexane	6.135	83	21458	6.03	ug/L	95
37) 1,2-Dichloropropane	6.180	63	13695	4.80	ug/L	99
38) Bromodichloromethane	6.515	83	19839	4.88	ug/L	98
39) cis-1,3-Dichloropropene	7.035	75	20010	4.43	ug/L	94
40) 4-Methyl-2-pentanone	7.235	43	41577	10.60	ug/L	99
42) Toluene	7.396	91	59293	5.17	ug/L	99
44) trans-1,3-Dichloropropene	7.659	75	18686	4.03	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012621\
 Data File : VW020158.D
 Acq On : 25 Jan 2021 16:19
 Operator : SY/MD
 Sample : VSTD00561
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

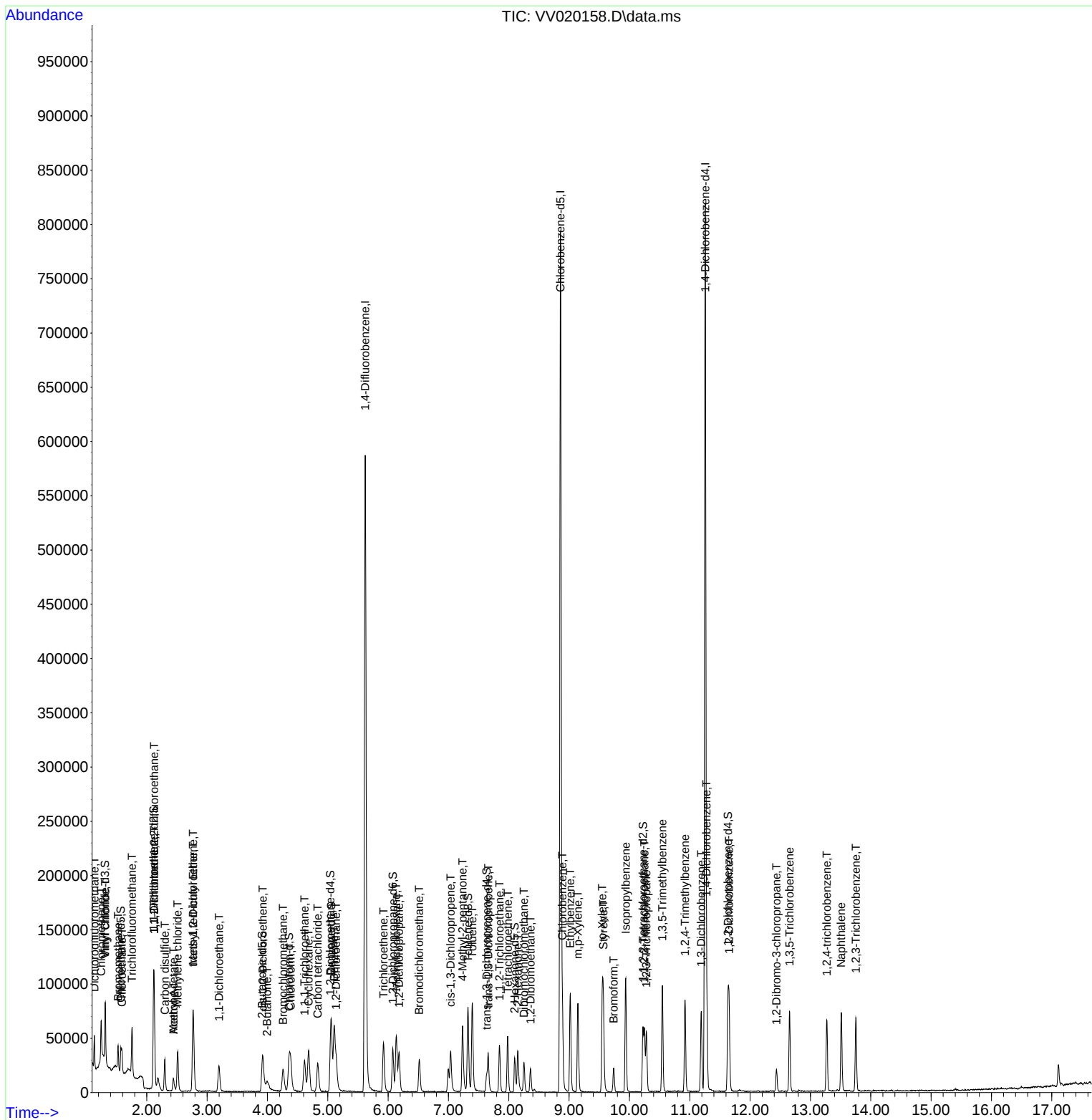
Instrument :
 MSVOA_V
 ClientSampleId :

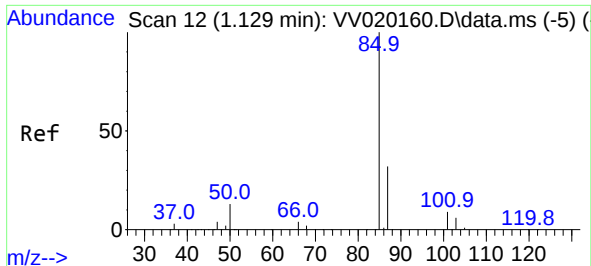
Quant Time: Jan 25 17:45:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM012621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jan 25 17:43:44 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.846	97	13250	4.72	ug/L	99
46) Tetrachloroethene	7.984	164	11620	5.00	ug/L	98
48) 2-Hexanone	8.148	43	25938	8.54	ug/L	96
49) Dibromochloromethane	8.251	129	13832	4.19	ug/L	97
50) 1,2-Dibromoethane	8.360	107	14483	4.91	ug/L	99
51) Chlorobenzene	8.887	112	39559	5.11	ug/L	98
52) Ethylbenzene	9.019	91	62948	4.93	ug/L	100
53) m,p-Xylene	9.145	106	23373	4.90	ug/L	97
54) o-Xylene	9.550	106	22882	4.80	ug/L	98
55) Styrene	9.569	104	38211	4.50	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.248	83	24774	5.67	ug/L	100
59) Bromoform	9.736	173	10246	4.87	ug/L	99
60) Isopropylbenzene	9.939	105	65501	6.29	ug/L	99
61) 1,2,3-Trichloropropane	10.280	75	20964	6.89	ug/L	96
62) 1,3,5-Trimethylbenzene	10.547	105	50760	5.86	ug/L	100
63) 1,2,4-Trimethylbenzene	10.920	105	43293	5.19	ug/L	100
64) 1,3-Dichlorobenzene	11.190	146	26825	5.18	ug/L	96
65) 1,4-Dichlorobenzene	11.280	146	28900	5.39	ug/L	94
67) 1,2-Dichlorobenzene	11.653	146	27207	5.15	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.437	75	4463	5.02	ug/L	91
69) 1,3,5-Trichlorobenzene	12.653	180	19281	5.15	ug/L	99
70) 1,2,4-trichlorobenzene	13.273	180	18825	5.30	ug/L	94
71) Naphthalene	13.511	128	52174	4.90	ug/L	99
72) 1,2,3-Trichlorobenzene	13.752	180	18073	4.97	ug/L	96

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

Quant Time: Jan 25 17:45:22 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM012621WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Jan 25 17:43:44 2021
Response via : Initial Calibration

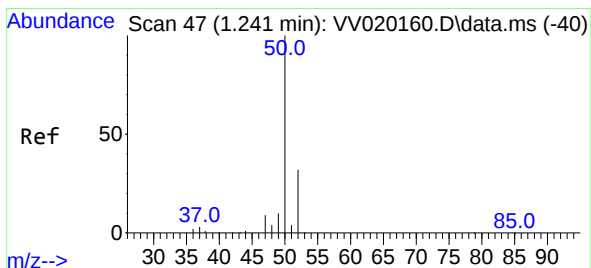
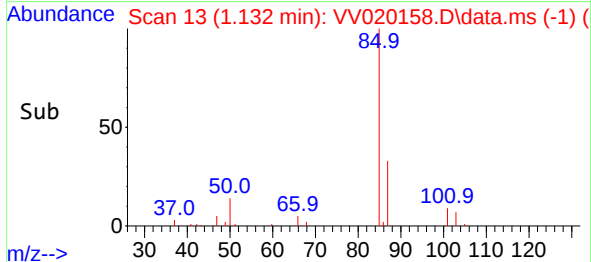
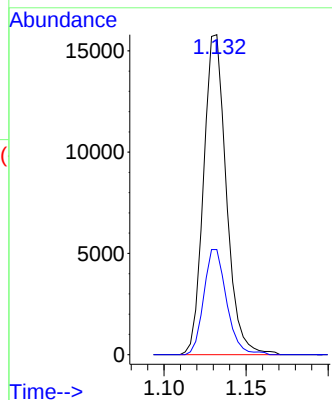
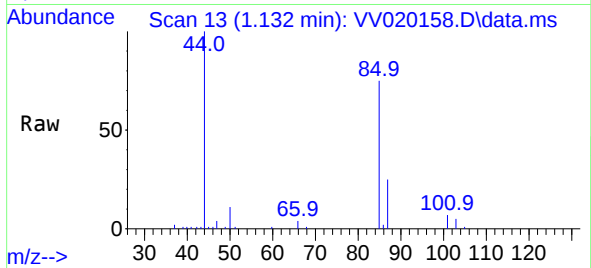




#2
Dichlorodifluoromethane
Concen: 4.90 ug/L
RT: 1.132 min Scan# 13
Delta R.T. 0.003 min
Lab File: VV020158.D
Acq: 25 Jan 2021 16:19

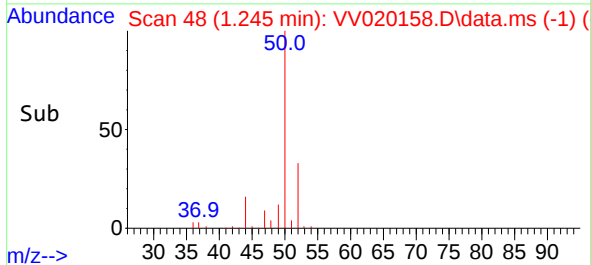
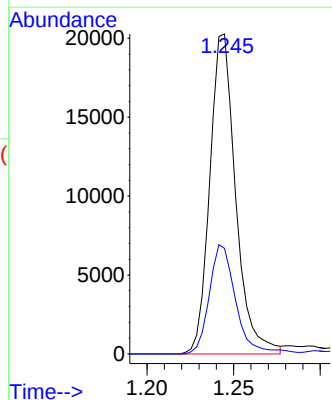
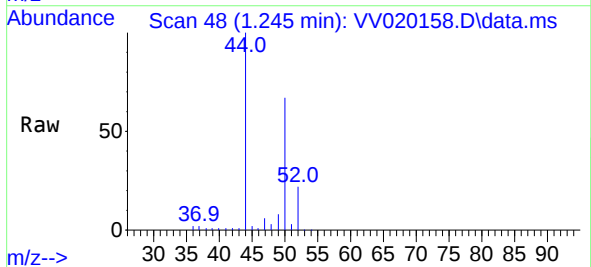
Instrument :
MSVOA_V
ClientSampled :

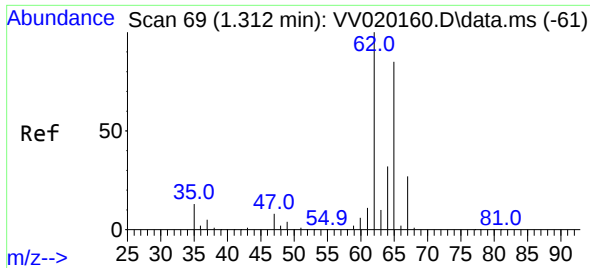
Tgt Ion: 85 Resp: 15237
Ion Ratio Lower Upper
85 100
87 32.7 25.9 38.9



#3
Chloromethane
Concen: 6.17 ug/L
RT: 1.245 min Scan# 48
Delta R.T. 0.003 min
Lab File: VV020158.D
Acq: 25 Jan 2021 16:19

Tgt Ion: 50 Resp: 21125
Ion Ratio Lower Upper
50 100
52 33.0 23.0 42.6

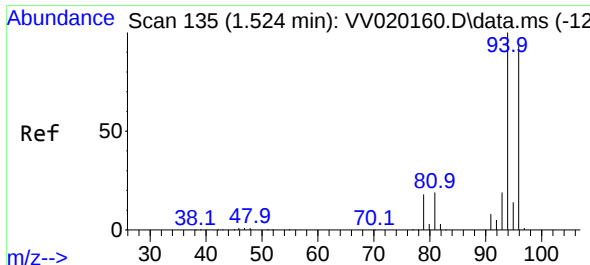
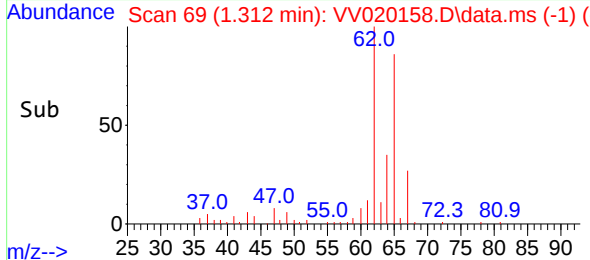
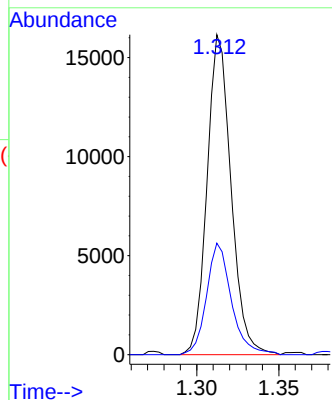
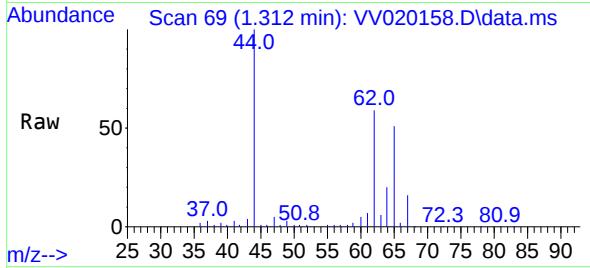




#5
 Vinyl chloride
 Concen: 4.81 ug/L
 RT: 1.312 min Scan# 69
 Delta R.T. 0.000 min
 Lab File: VV020158.D
 Acq: 25 Jan 2021 16:19

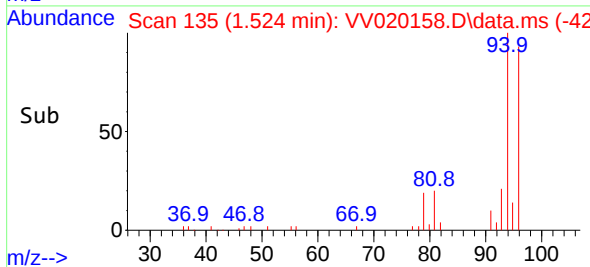
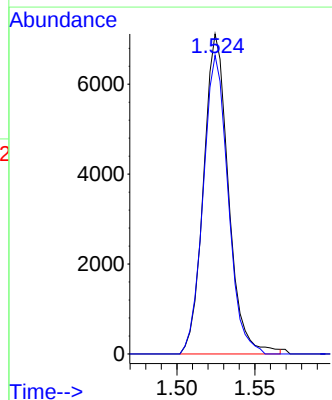
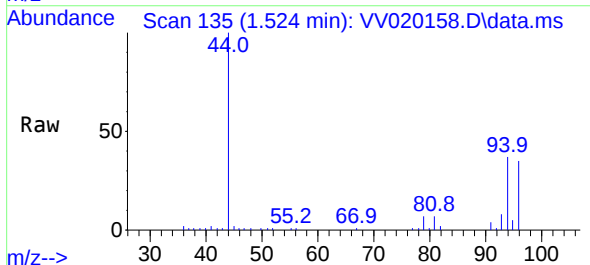
Instrument :
 MSVOA_V
 ClientSampled :

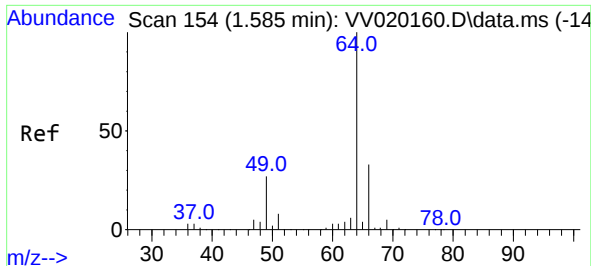
Tgt Ion: 62 Resp: 16383
 Ion Ratio Lower Upper
 62 100
 64 34.8 23.3 43.3



#6
 Bromomethane
 Concen: 3.76 ug/L
 RT: 1.524 min Scan# 135
 Delta R.T. 0.000 min
 Lab File: VV020158.D
 Acq: 25 Jan 2021 16:19

Tgt Ion: 94 Resp: 7899
 Ion Ratio Lower Upper
 94 100
 96 93.3 66.4 123.2

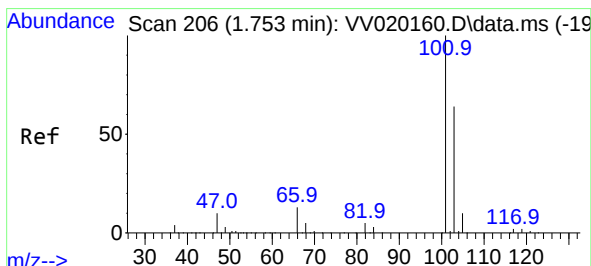
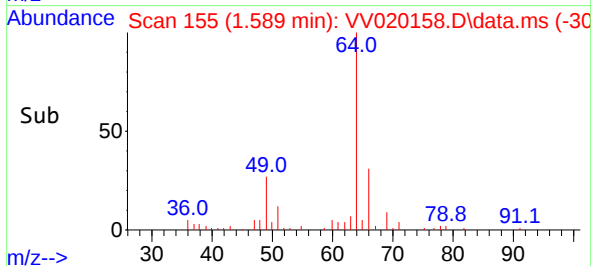
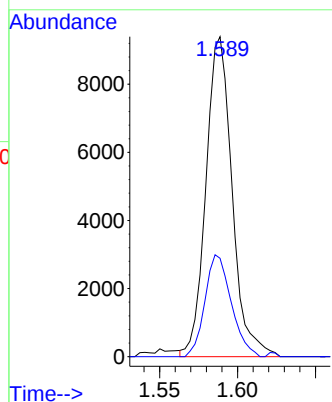
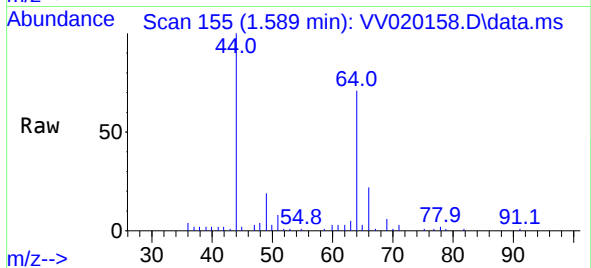




#8
Chloroethane
Concen: 4.92 ug/L
RT: 1.589 min Scan# 155
Delta R.T. 0.003 min
Lab File: VV020158.D
Acq: 25 Jan 2021 16:19

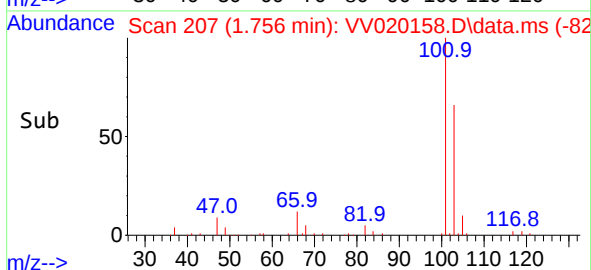
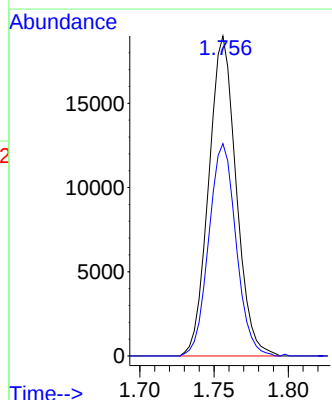
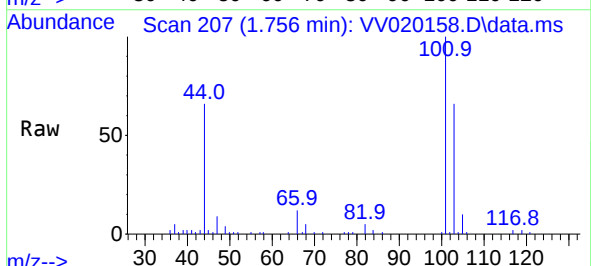
Instrument :
MSVOA_V
ClientSampleId :

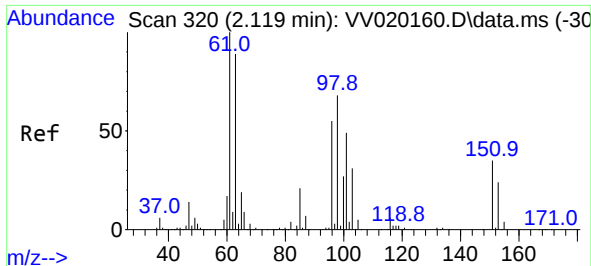
Tgt Ion: 64 Resp: 10986
Ion Ratio Lower Upper
64 100
66 30.8 22.5 41.9



#9
Trichlorofluoromethane
Concen: 4.51 ug/L
RT: 1.756 min Scan# 207
Delta R.T. 0.003 min
Lab File: VV020158.D
Acq: 25 Jan 2021 16:19

Tgt Ion:101 Resp: 24455
Ion Ratio Lower Upper
101 100
103 65.8 52.3 78.5





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 5.11 ug/L

RT: 2.122 min Scan# 321

Delta R.T. 0.003 min

Lab File: VV020158.D

Acq: 25 Jan 2021 16:19

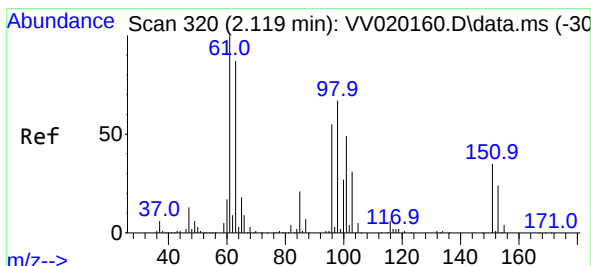
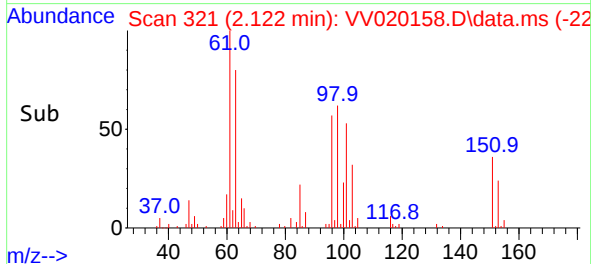
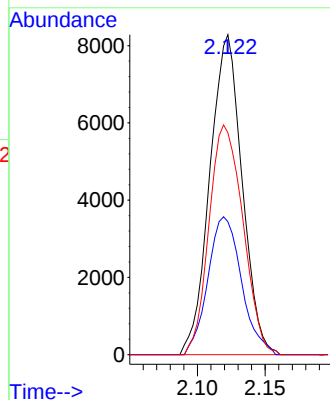
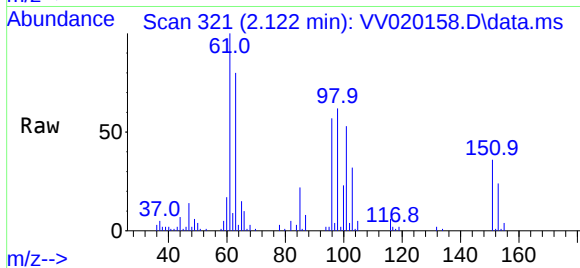
Tgt Ion:101 Resp: 13728

Ion Ratio Lower Upper

101 100

85 44.8 35.6 53.4

151 75.5 64.1 96.1



#12

1,1-Dichloroethene

Concen: 4.84 ug/L

RT: 2.122 min Scan# 321

Delta R.T. 0.003 min

Lab File: VV020158.D

Acq: 25 Jan 2021 16:19

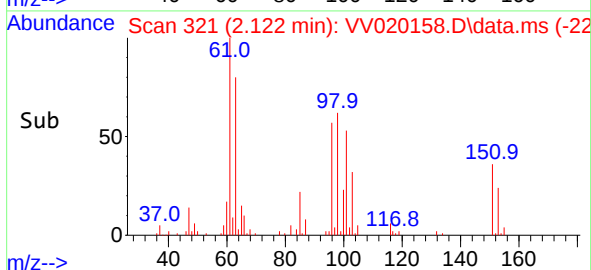
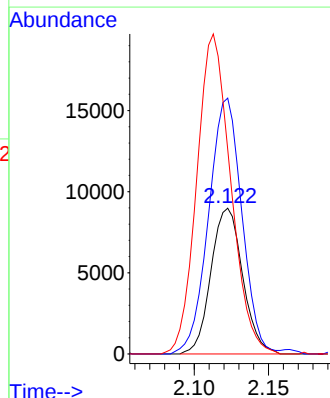
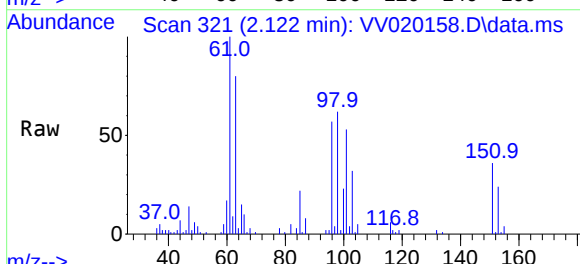
Tgt Ion: 96 Resp: 13341

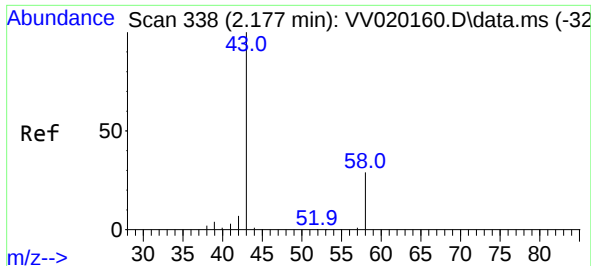
Ion Ratio Lower Upper

96 100

61 175.5 133.6 248.0

63 140.4 103.0 191.2

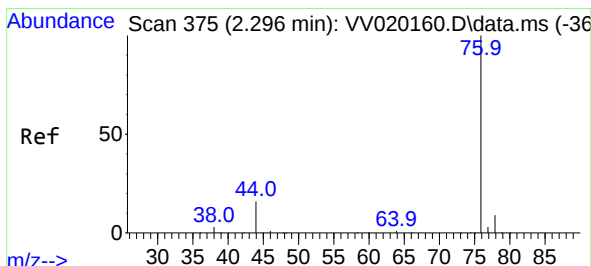
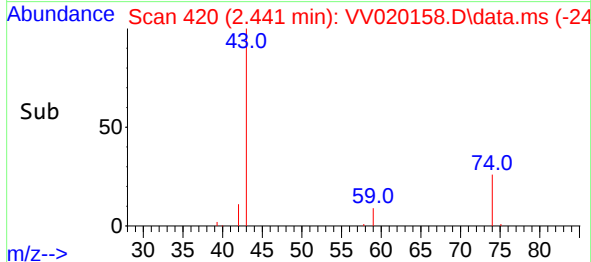
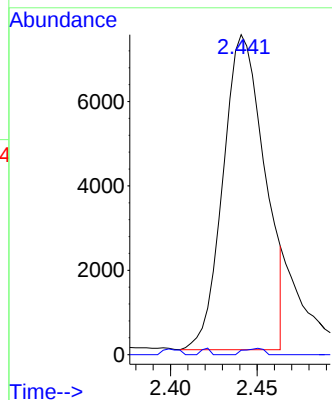
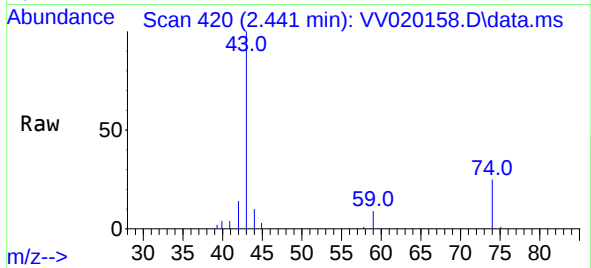




#13
Acetone
Concen: 7.64 ug/L
RT: 2.441 min Scan# 420
Delta R.T. 0.264 min
Lab File: VV020158.D
Acq: 25 Jan 2021 16:19

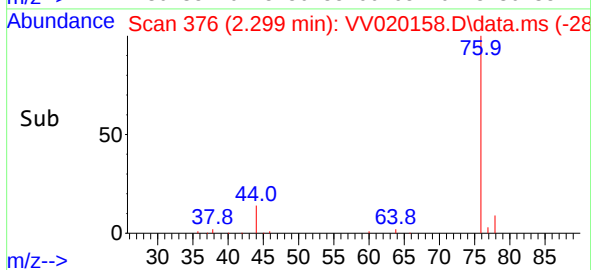
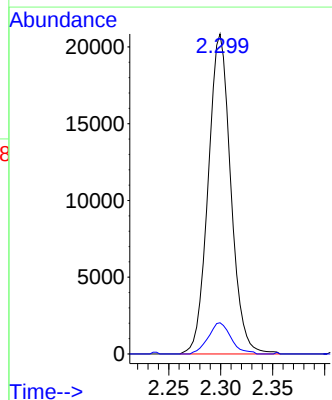
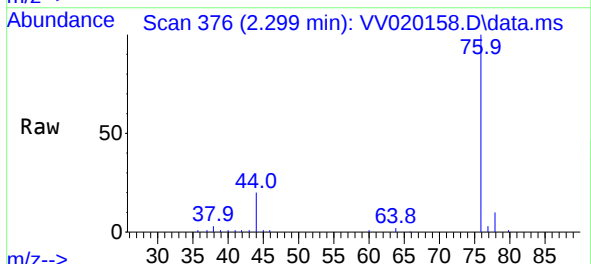
Instrument :
MSVOA_V
ClientSampled :

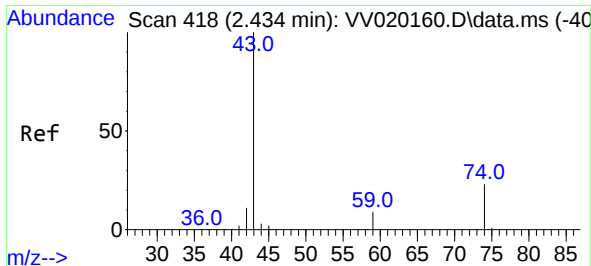
Tgt Ion: 43 Resp: 12477
Ion Ratio Lower Upper
43 100
58 1.0 0.0 57.8



#14
Carbon disulfide
Concen: 4.11 ug/L
RT: 2.299 min Scan# 376
Delta R.T. 0.003 min
Lab File: VV020158.D
Acq: 25 Jan 2021 16:19

Tgt Ion: 76 Resp: 31527
Ion Ratio Lower Upper
76 100
78 9.8 7.4 11.0

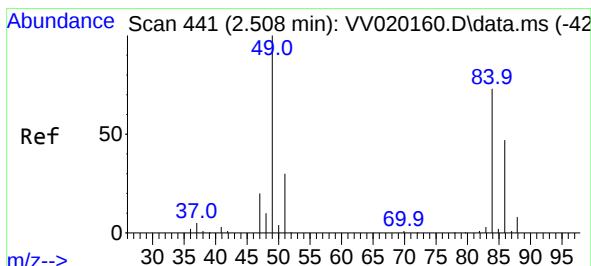
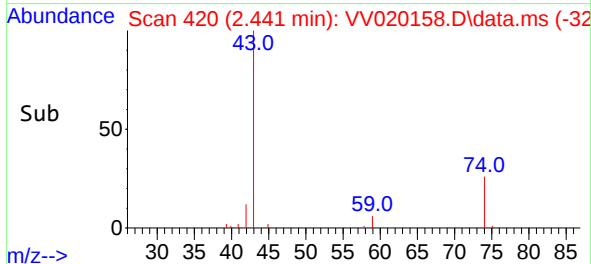
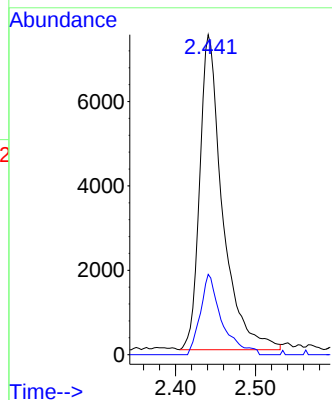
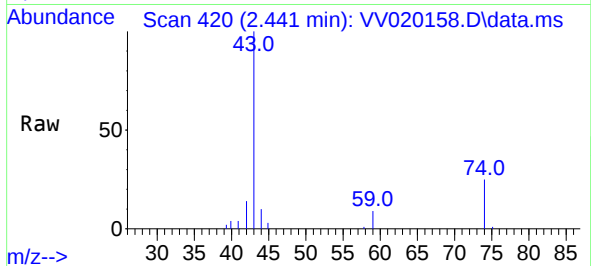




#15
Methyl Acetate
Concen: 4.66 ug/L
RT: 2.441 min Scan# 420
Delta R.T. 0.006 min
Lab File: VV020158.D
Acq: 25 Jan 2021 16:19

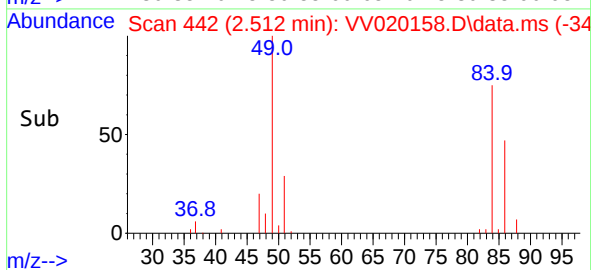
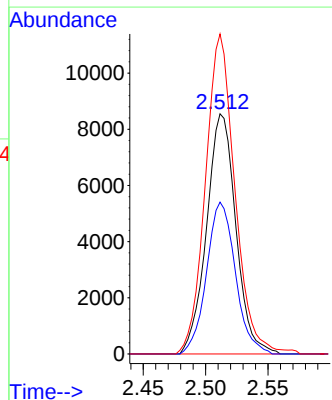
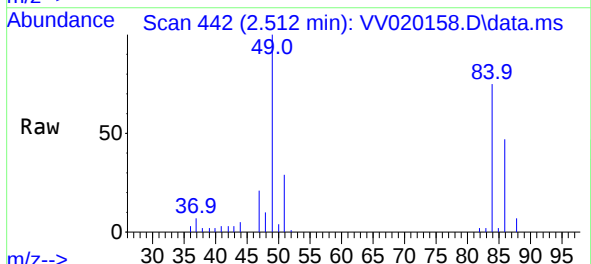
Instrument :
MSVOA_V
ClientSampled :

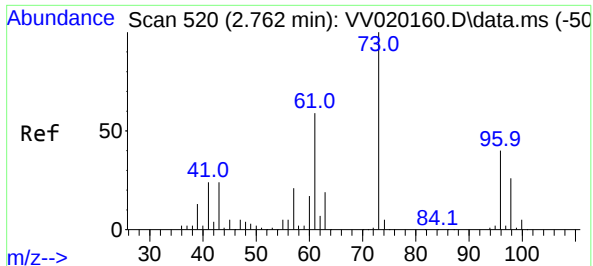
Tgt Ion: 43 Resp: 14857
Ion Ratio Lower Upper
43 100
74 23.1 18.8 28.2



#16
Methylene chloride
Concen: 4.43 ug/L
RT: 2.512 min Scan# 442
Delta R.T. 0.003 min
Lab File: VV020158.D
Acq: 25 Jan 2021 16:19

Tgt Ion: 84 Resp: 14023
Ion Ratio Lower Upper
84 100
86 63.2 45.6 84.8
49 133.2 89.3 165.9



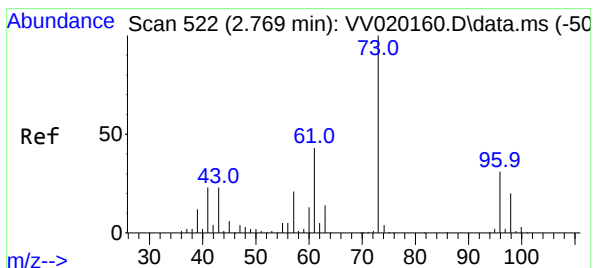
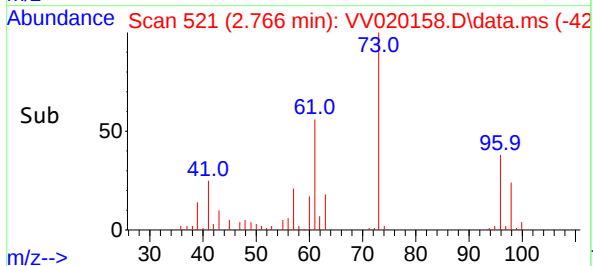
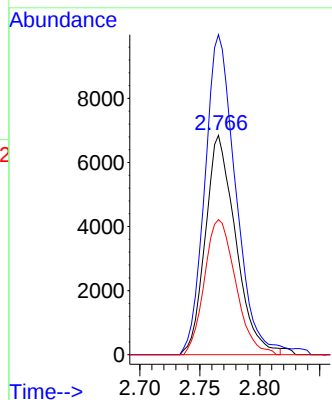
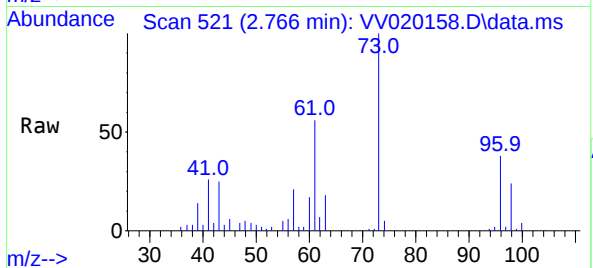


#17

trans-1,2-Dichloroethene
Concen: 4.17 ug/L
RT: 2.766 min Scan# 521
Delta R.T. 0.003 min
Lab File: VV020158.D
Acq: 25 Jan 2021 16:19

Tgt Ion: 96 Resp: 12045
Ion Ratio Lower Upper
96 100
61 145.8 100.7 187.1
98 61.6 42.9 79.7

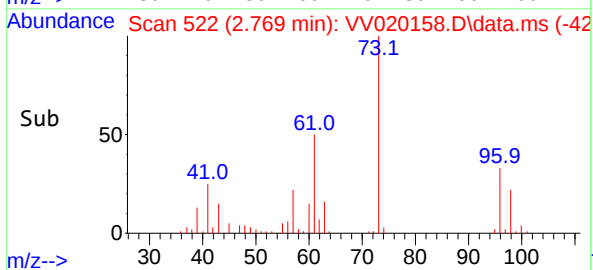
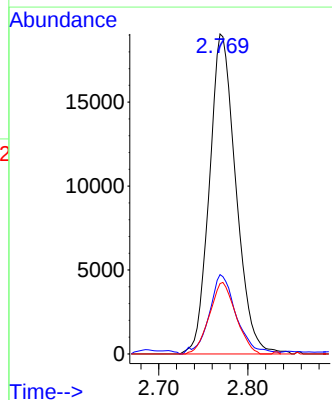
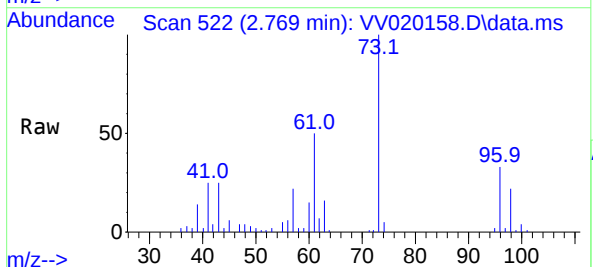
Instrument :
MSVOA_V
ClientSampleId :

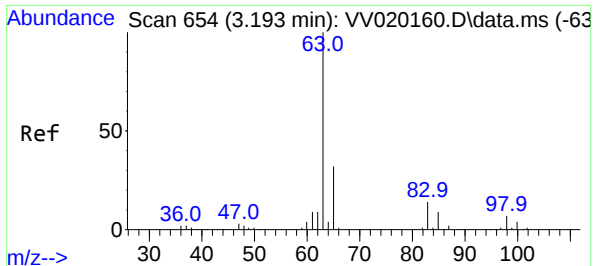


#18

Methyl tert-butyl Ether
Concen: 3.91 ug/L
RT: 2.769 min Scan# 522
Delta R.T. 0.000 min
Lab File: VV020158.D
Acq: 25 Jan 2021 16:19

Tgt Ion: 73 Resp: 39274
Ion Ratio Lower Upper
73 100
43 24.1 17.9 26.9
57 22.4 17.1 25.7



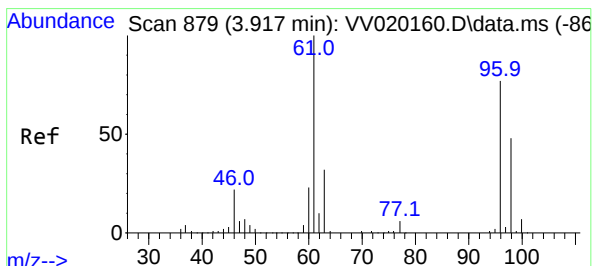
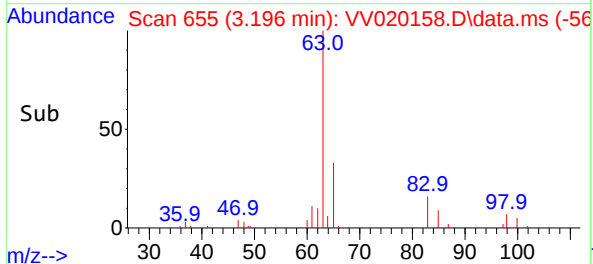
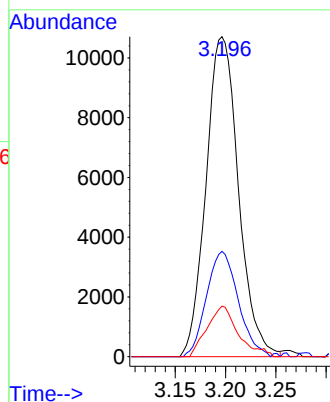
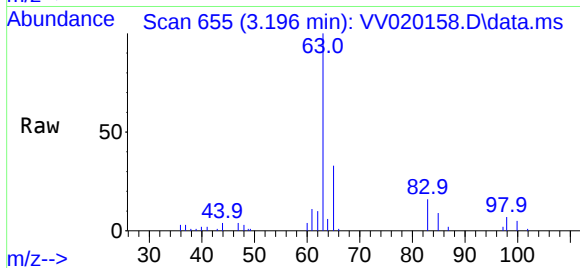


#19

1,1-Dichloroethane
Concen: 4.23 ug/L
RT: 3.196 min Scan# 655
Delta R.T. 0.003 min
Lab File: VV020158.D
Acq: 25 Jan 2021 16:19

Instrument :
MSVOA_V
ClientSampleId :

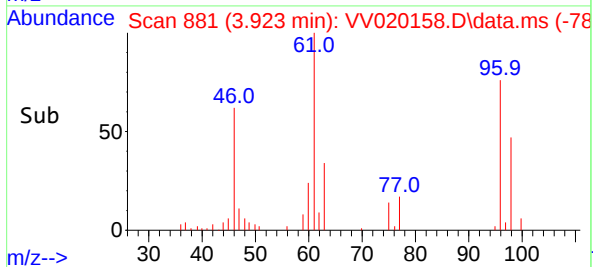
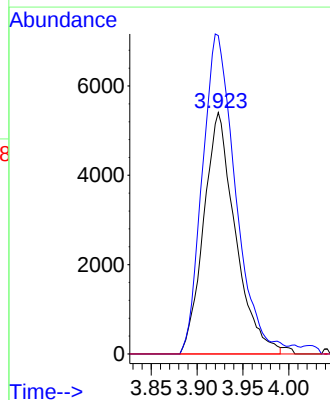
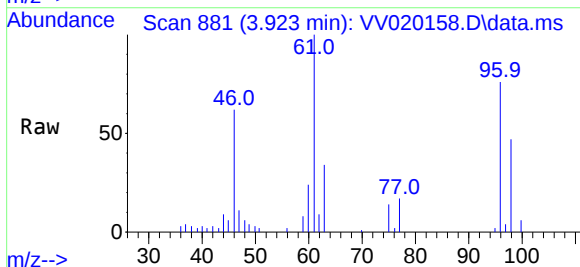
Tgt Ion:	63	Resp:	24042
Ion	Ratio	Lower	Upper
63	100		
65	32.9	21.8	40.6
83	15.8	9.5	17.7

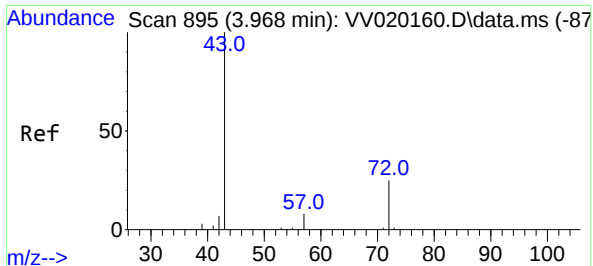


#20

cis-1,2-Dichloroethene
Concen: 4.05 ug/L
RT: 3.923 min Scan# 881
Delta R.T. 0.006 min
Lab File: VV020158.D
Acq: 25 Jan 2021 16:19

Tgt Ion:	96	Resp:	12965
Ion	Ratio	Lower	Upper
96	100		
61	131.9	95.6	177.6
68	0.0	0.0	0.0

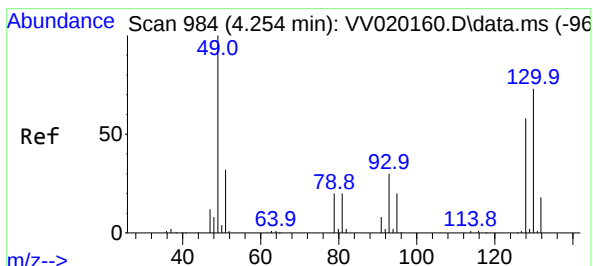
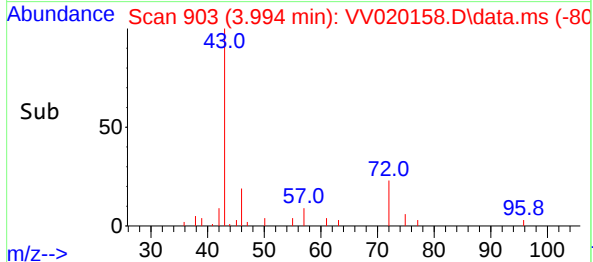
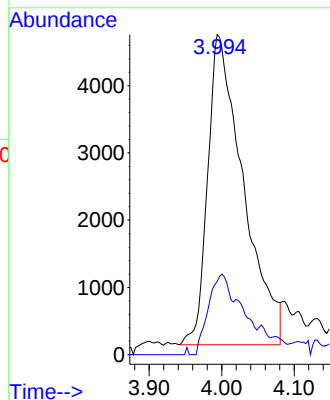
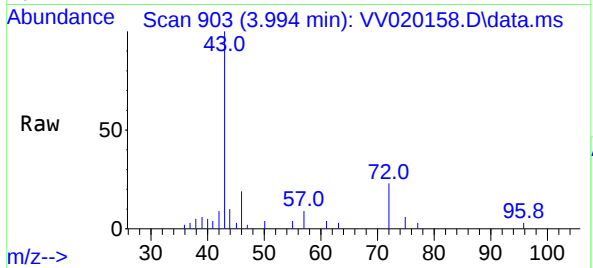




#22
2-Butanone
Concen: 7.44 ug/L
RT: 3.994 min Scan# 903
Delta R.T. 0.026 min
Lab File: VV020158.D
Acq: 25 Jan 2021 16:19

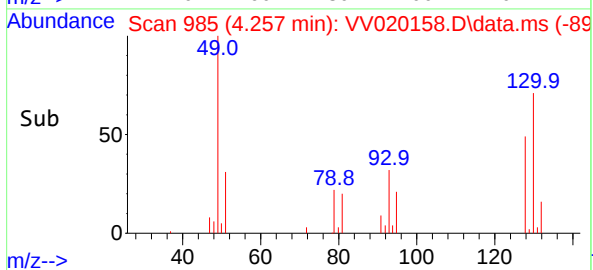
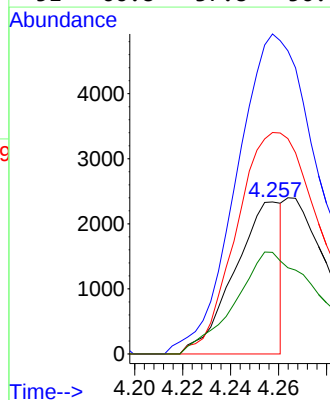
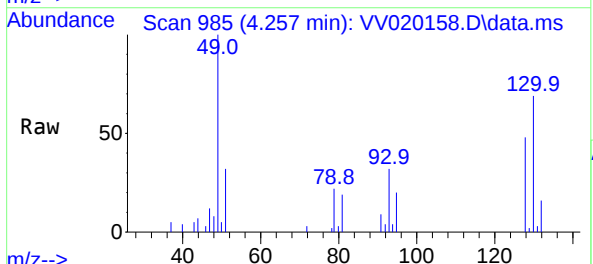
Instrument :
MSVOA_V
ClientSampled :

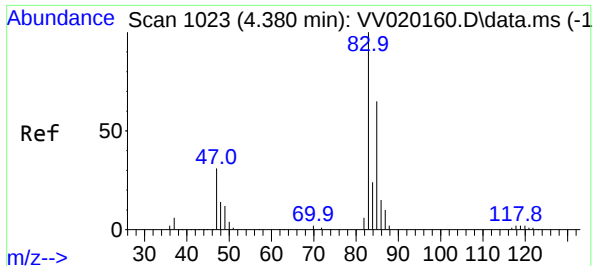
Tgt Ion: 43 Resp: 15724
Ion Ratio Lower Upper
43 100
72 16.2 12.7 38.0



#23
Bromochloromethane
Concen: 1.83 ug/L
RT: 4.257 min Scan# 985
Delta R.T. 0.003 min
Lab File: VV020158.D
Acq: 25 Jan 2021 16:19

Tgt Ion:128 Resp: 3169
Ion Ratio Lower Upper
128 100
49 210.4 108.8 202.2#
130 145.6 88.5 164.3
51 66.8 37.8 56.6#



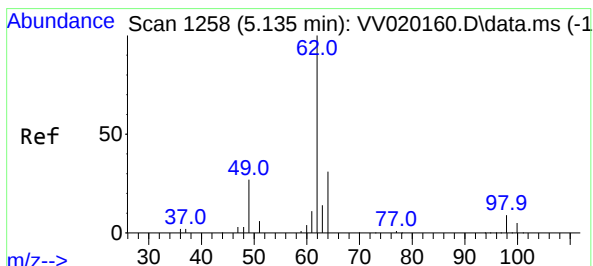
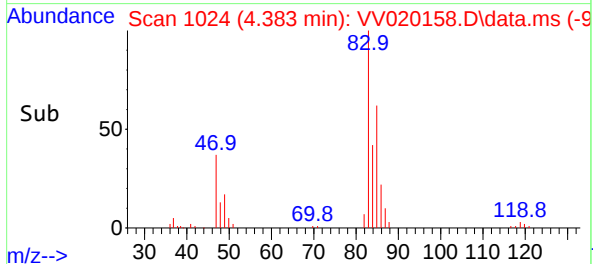
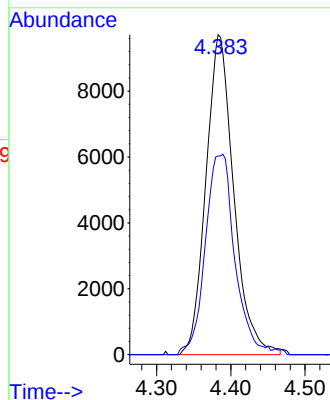
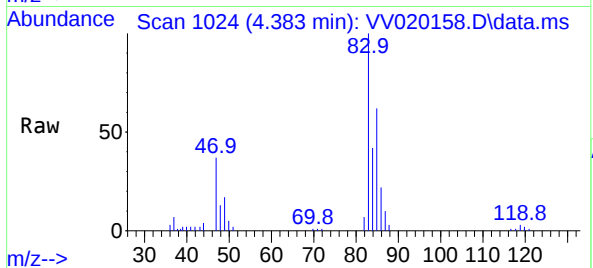


#25

Chloroform
Concen: 4.17 ug/L
RT: 4.383 min Scan# 1024
Delta R.T. 0.003 min
Lab File: VV020158.D
Acq: 25 Jan 2021 16:19

Instrument :
MSVOA_V
ClientSampled :

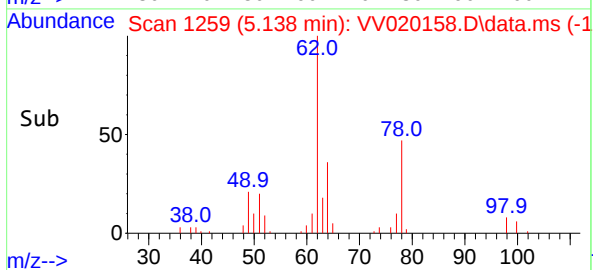
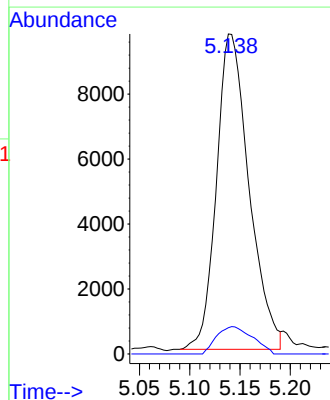
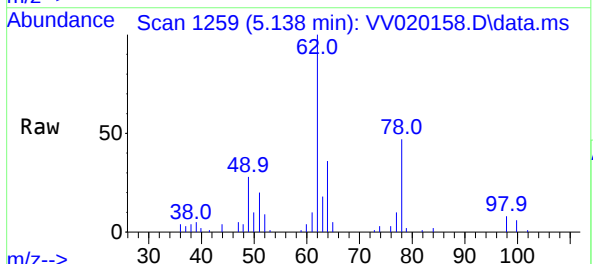
Tgt Ion: 83 Resp: 25244
Ion Ratio Lower Upper
83 100
85 62.1 45.4 84.4

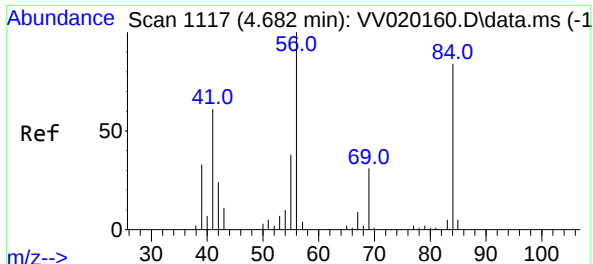


#27

1,2-Dichloroethane
Concen: 4.24 ug/L
RT: 5.138 min Scan# 1259
Delta R.T. 0.003 min
Lab File: VV020158.D
Acq: 25 Jan 2021 16:19

Tgt Ion: 62 Resp: 21868
Ion Ratio Lower Upper
62 100
98 8.2 6.8 10.2





#29

Cyclohexane

Concen: 4.87 ug/L

RT: 4.682 min Scan# 1117

Delta R.T. 0.000 min

Lab File: VV020158.D

Acq: 25 Jan 2021 16:19

Tgt Ion: 56 Resp: 17930

Ion Ratio Lower Upper

56 100

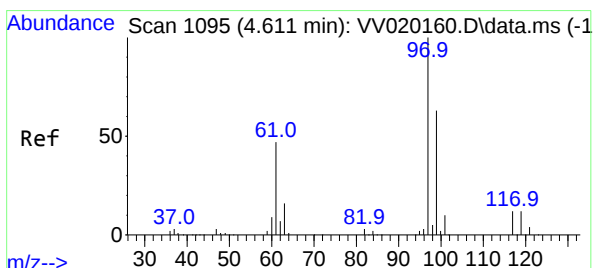
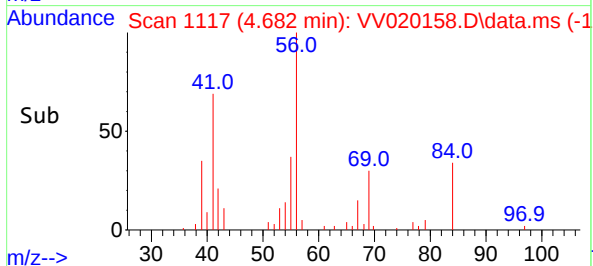
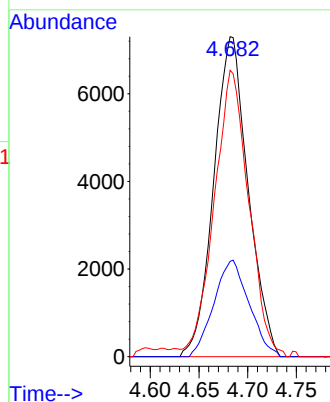
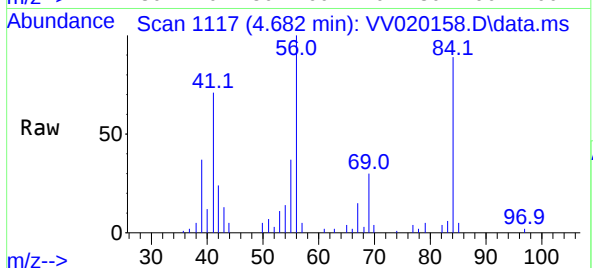
69 30.9 24.6 36.8

84 89.7 70.5 105.7

Instrument :

MSVOA_V

ClientSampled :



#30

1,1,1-Trichloroethane

Concen: 4.39 ug/L

RT: 4.614 min Scan# 1096

Delta R.T. 0.003 min

Lab File: VV020158.D

Acq: 25 Jan 2021 16:19

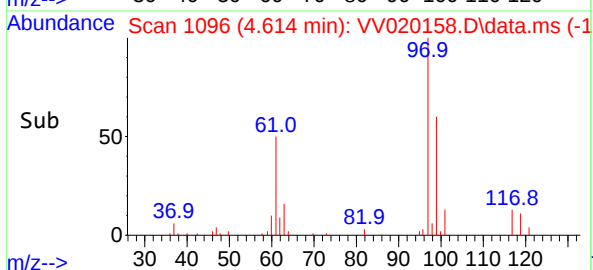
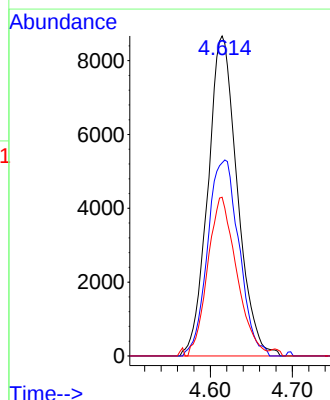
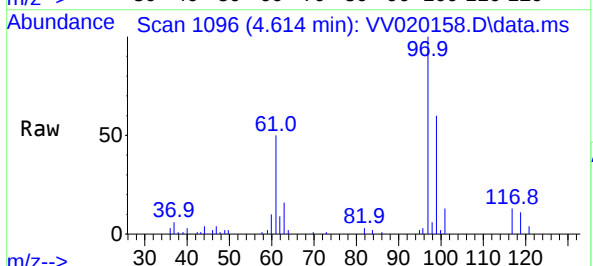
Tgt Ion: 97 Resp: 21599

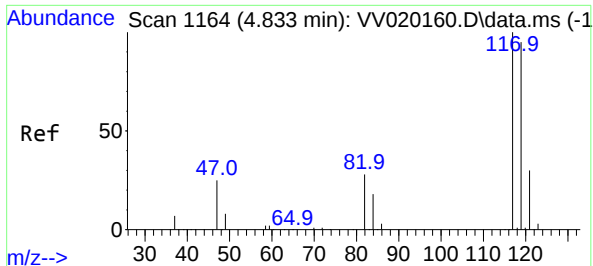
Ion Ratio Lower Upper

97 100

99 65.4 52.0 78.0

61 49.0 35.3 52.9

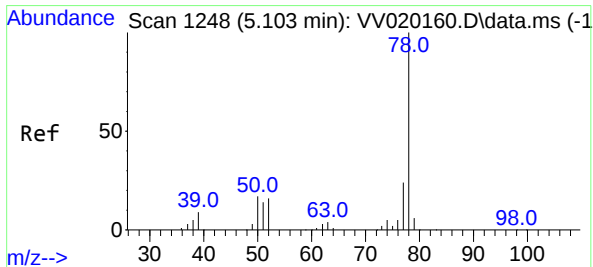
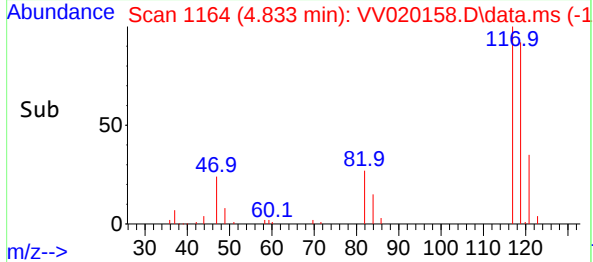
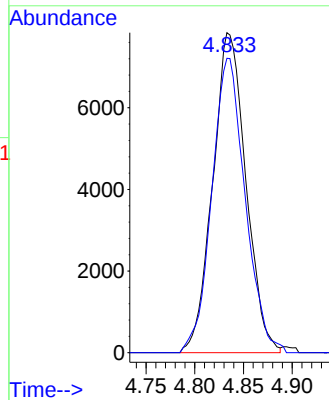
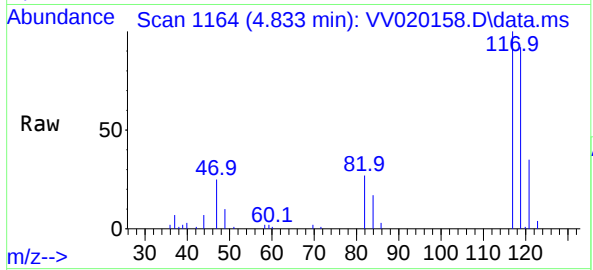




#31
Carbon tetrachloride
Concen: 4.40 ug/L
RT: 4.833 min Scan# 1164
Delta R.T. 0.000 min
Lab File: VV020158.D
Acq: 25 Jan 2021 16:19

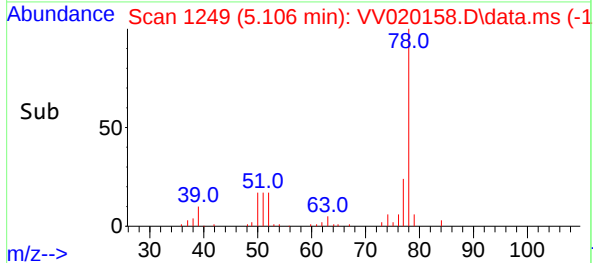
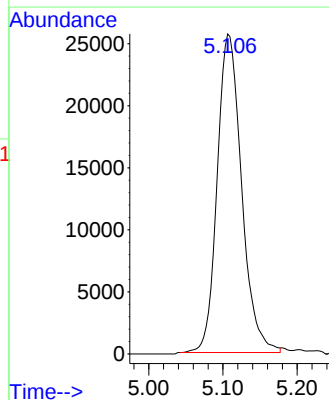
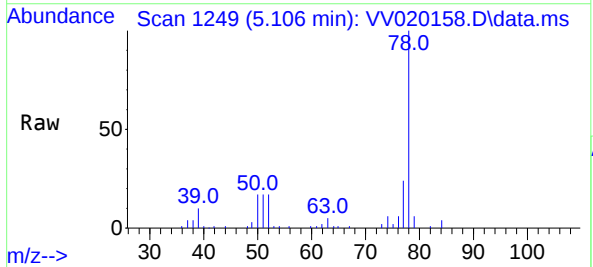
Instrument :
MSVOA_V
ClientSampleId :

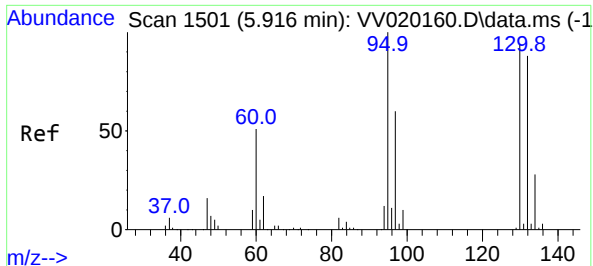
Tgt Ion:117 Resp: 18522
Ion Ratio Lower Upper
117 100
119 92.7 77.8 116.6



#33
Benzene
Concen: 5.51 ug/L
RT: 5.106 min Scan# 1249
Delta R.T. 0.003 min
Lab File: VV020158.D
Acq: 25 Jan 2021 16:19

Tgt Ion: 78 Resp: 58779



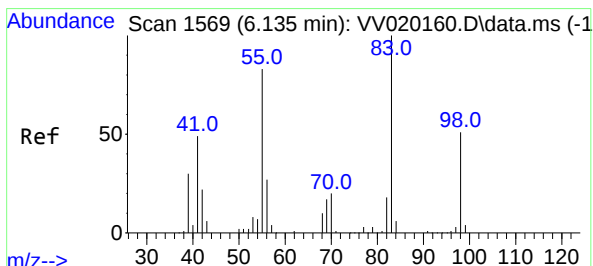
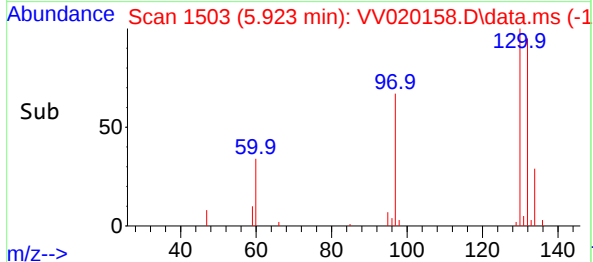
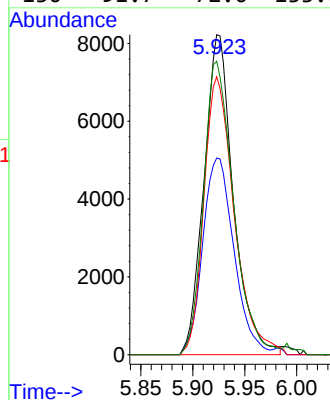
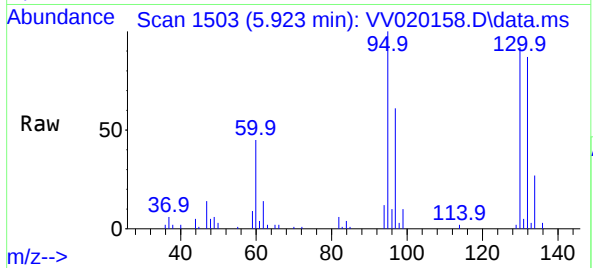


#34
Trichloroethene
Concen: 5.63 ug/L
RT: 5.923 min Scan# 1503
Delta R.T. 0.006 min
Lab File: VV020158.D
Acq: 25 Jan 2021 16:19

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 16203

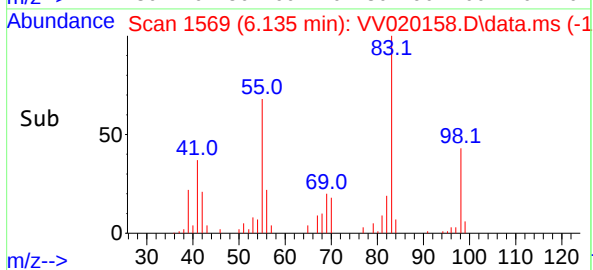
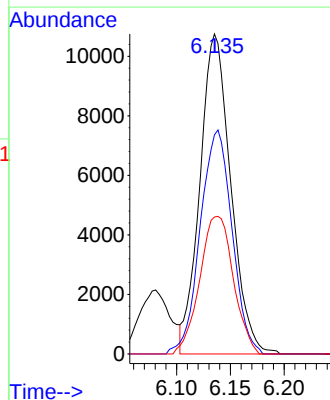
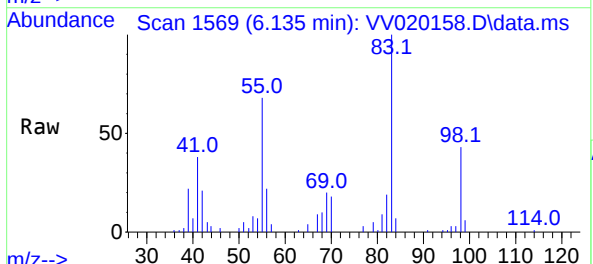
Ion	Ratio	Lower	Upper
95	100		
97	61.5	45.4	84.4
132	86.8	68.5	127.3
130	91.7	72.0	133.6

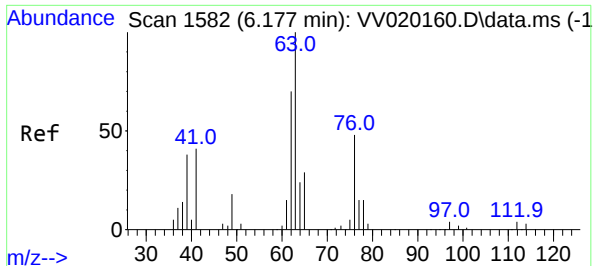


#35
Methylcyclohexane
Concen: 6.03 ug/L
RT: 6.135 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VV020158.D
Acq: 25 Jan 2021 16:19

Tgt Ion: 83 Resp: 21458

Ion	Ratio	Lower	Upper
83	100		
55	72.0	62.8	94.2
98	46.9	38.6	58.0

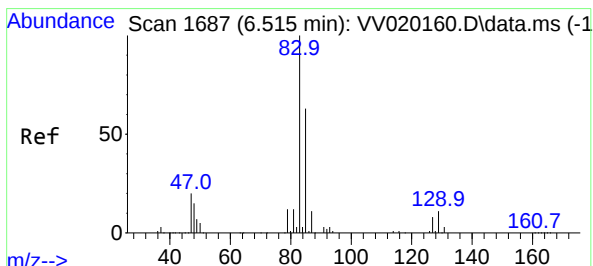
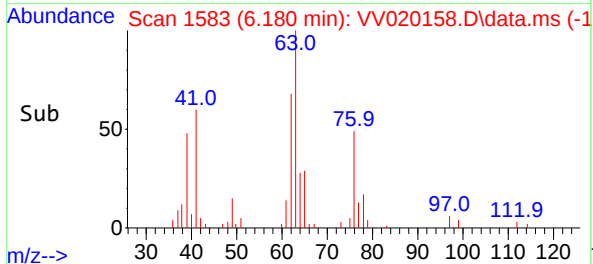
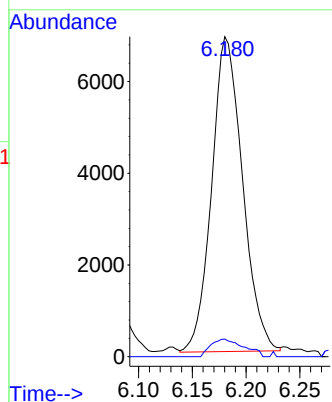
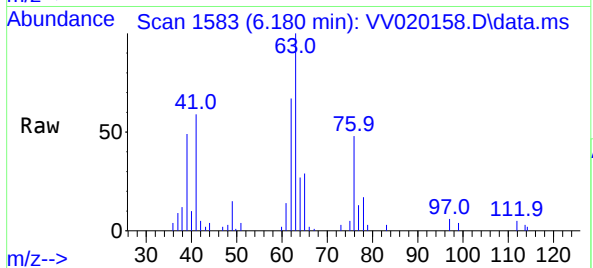




#37
1,2-Dichloropropane
Concen: 4.80 ug/L
RT: 6.180 min Scan# 1583
Delta R.T. 0.003 min
Lab File: VV020158.D
Acq: 25 Jan 2021 16:19

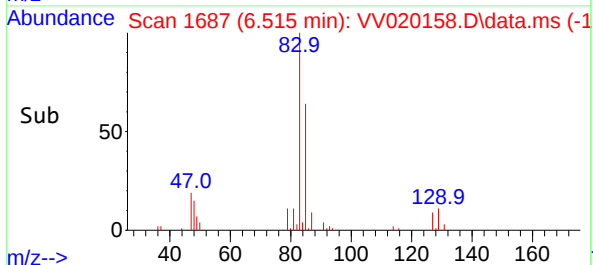
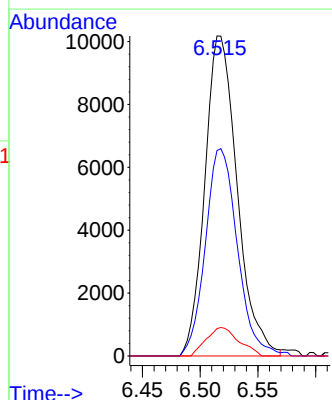
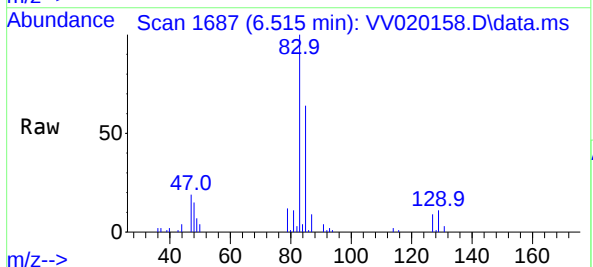
Instrument :
MSVOA_V
ClientSampled :

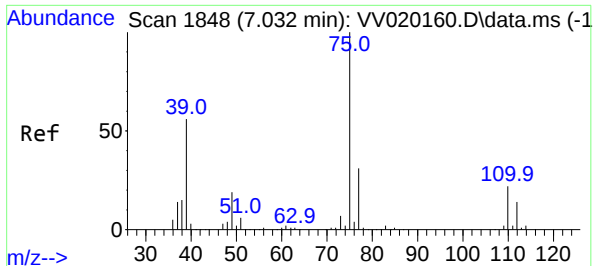
Tgt Ion: 63 Resp: 13695
Ion Ratio Lower Upper
63 100
112 5.5 4.2 6.2



#38
Bromodichloromethane
Concen: 4.88 ug/L
RT: 6.515 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VV020158.D
Acq: 25 Jan 2021 16:19

Tgt Ion: 83 Resp: 19839
Ion Ratio Lower Upper
83 100
85 64.2 44.0 81.8
127 8.6 7.3 10.9

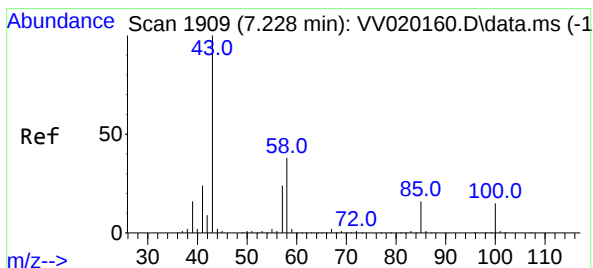
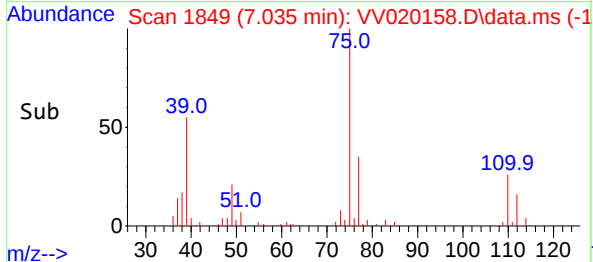
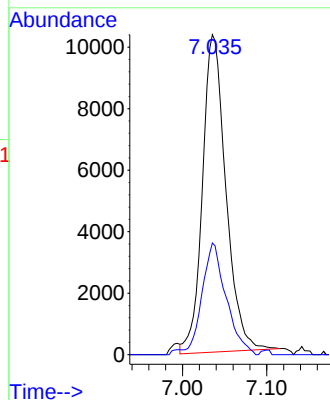
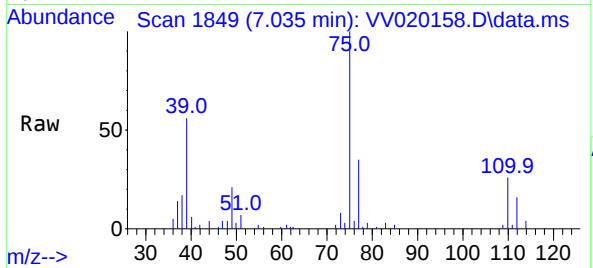




#39
 cis-1,3-Dichloropropene
 Concen: 4.43 ug/L
 RT: 7.035 min Scan# 1849
 Delta R.T. 0.003 min
 Lab File: VV020158.D
 Acq: 25 Jan 2021 16:19

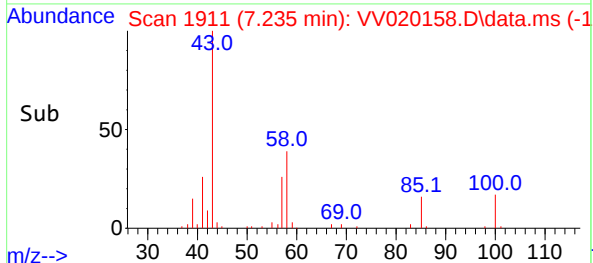
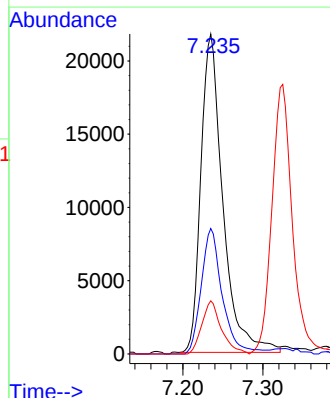
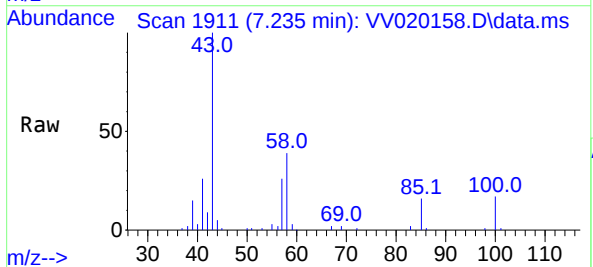
Instrument :
 MSVOA_V
 ClientSampled :

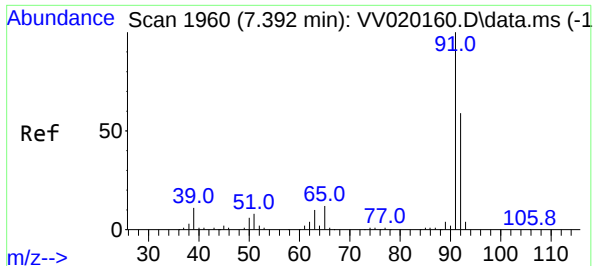
Tgt Ion: 75 Resp: 20010
 Ion Ratio Lower Upper
 75 100
 77 34.9 22.2 41.2



#40
 4-Methyl-2-pentanone
 Concen: 10.60 ug/L
 RT: 7.235 min Scan# 1911
 Delta R.T. 0.006 min
 Lab File: VV020158.D
 Acq: 25 Jan 2021 16:19

Tgt Ion: 43 Resp: 41577
 Ion Ratio Lower Upper
 43 100
 58 37.9 30.5 45.7
 100 14.8 12.7 19.1





#42

Toluene

Concen: 5.17 ug/L

RT: 7.396 min Scan# 1961

Delta R.T. 0.003 min

Lab File: VV020158.D

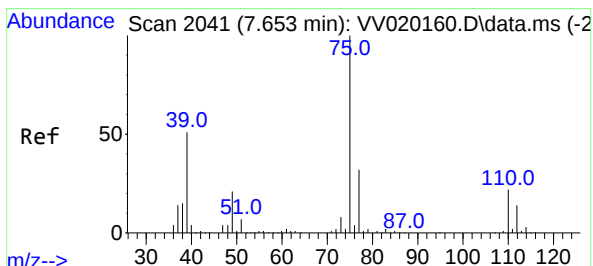
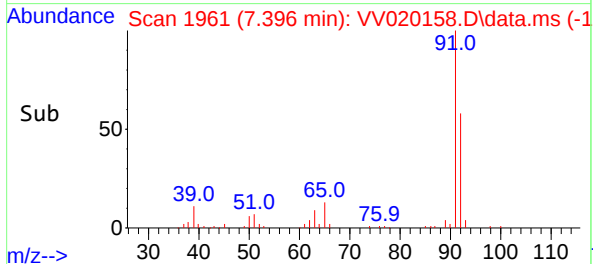
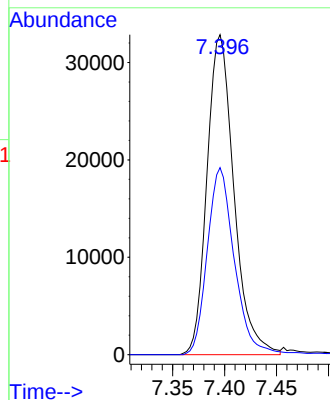
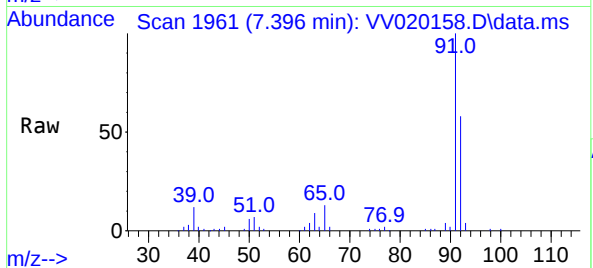
Acq: 25 Jan 2021 16:19

Tgt Ion: 91 Resp: 59293

Ion Ratio Lower Upper

91 100

92 58.5 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 4.03 ug/L

RT: 7.659 min Scan# 2043

Delta R.T. 0.006 min

Lab File: VV020158.D

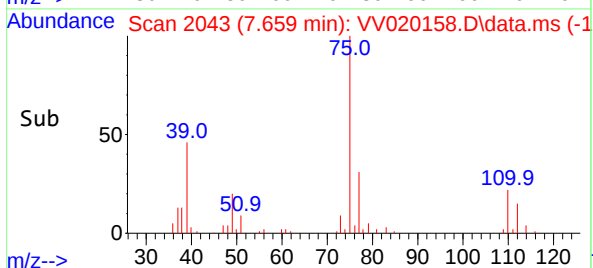
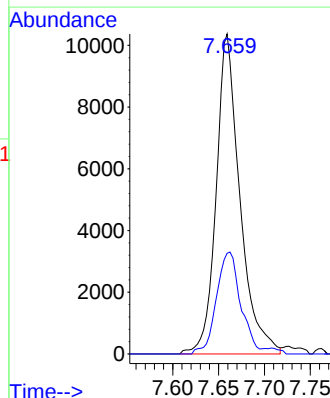
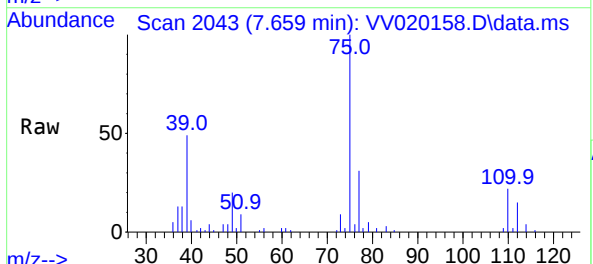
Acq: 25 Jan 2021 16:19

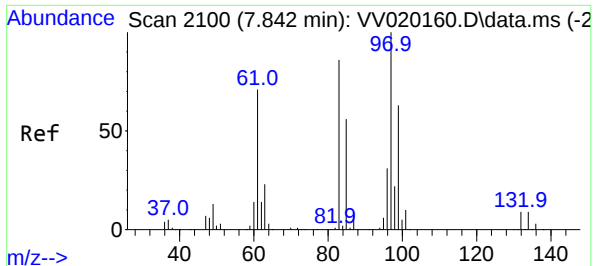
Tgt Ion: 75 Resp: 18686

Ion Ratio Lower Upper

75 100

77 31.4 21.6 40.2



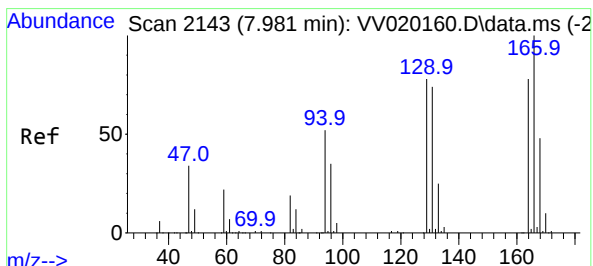
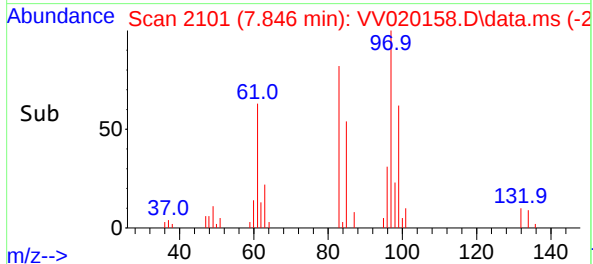
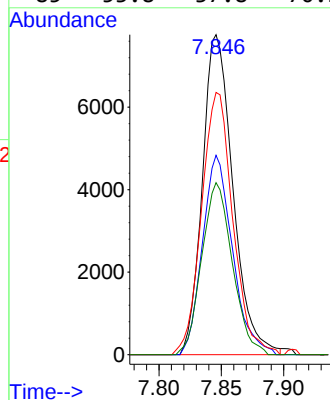
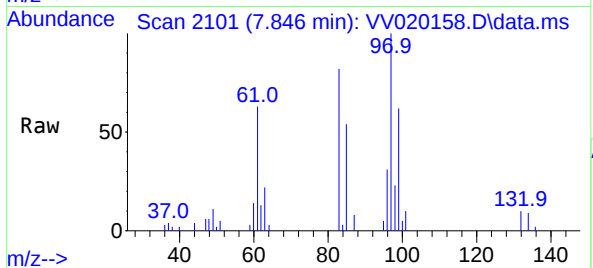


#45
1,1,2-Trichloroethane
Concen: 4.72 ug/L
RT: 7.846 min Scan# 2101
Delta R.T. 0.003 min
Lab File: VV020158.D
Acq: 25 Jan 2021 16:19

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 13250

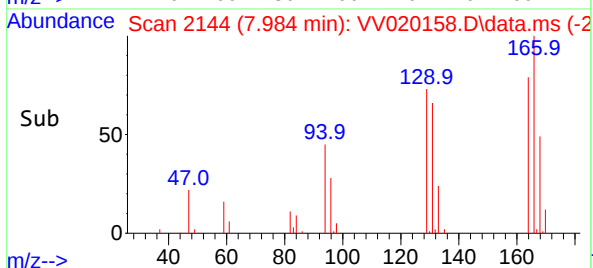
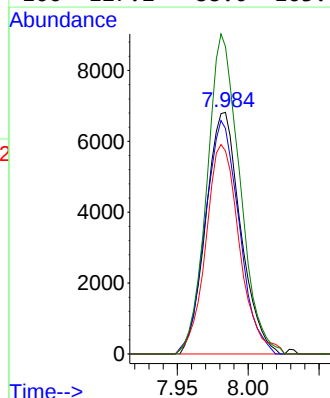
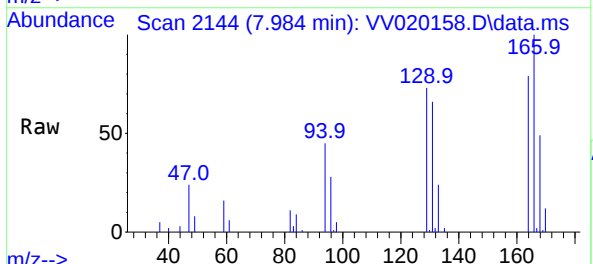
Ion	Ratio	Lower	Upper
97	100		
99	62.3	45.1	83.9
83	81.9	57.6	107.0
85	53.8	37.8	70.2

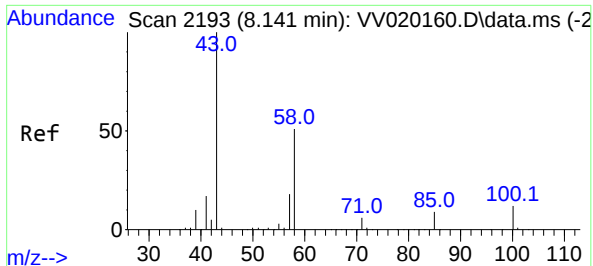


#46
Tetrachloroethene
Concen: 5.00 ug/L
RT: 7.984 min Scan# 2144
Delta R.T. 0.003 min
Lab File: VV020158.D
Acq: 25 Jan 2021 16:19

Tgt Ion: 164 Resp: 11620

Ion	Ratio	Lower	Upper
164	100		
129	93.3	62.6	116.3
131	84.0	59.0	109.6
166	127.2	88.0	163.4



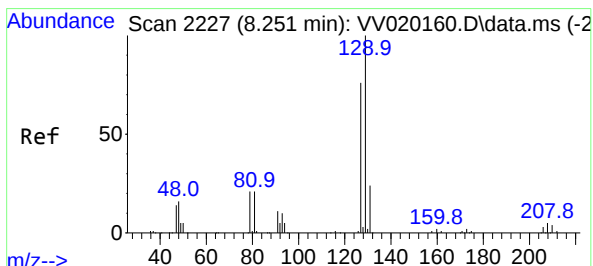
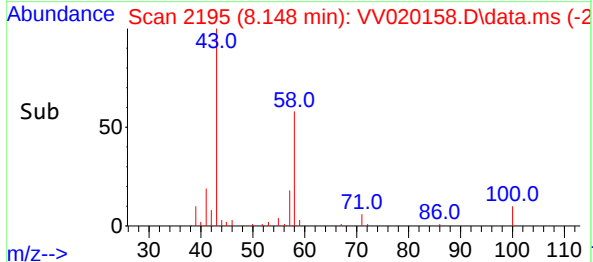
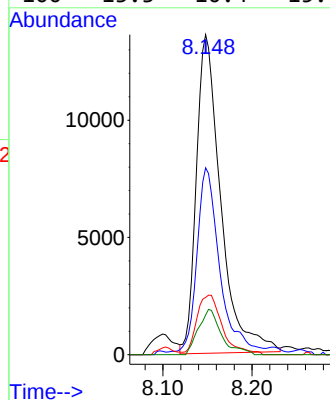
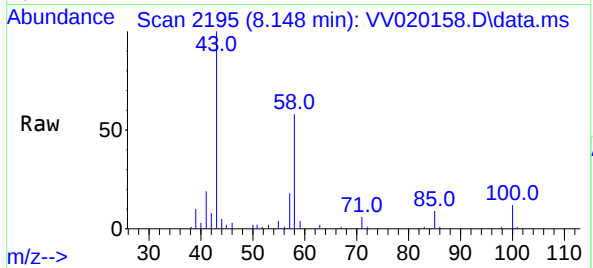


#48
2-Hexanone
Concen: 8.54 ug/L
RT: 8.148 min Scan# 2195
Delta R.T. 0.006 min
Lab File: VV020158.D
Acq: 25 Jan 2021 16:19

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 25938

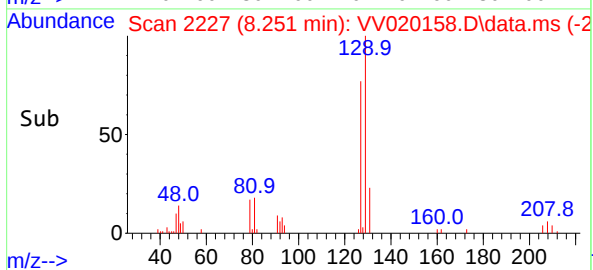
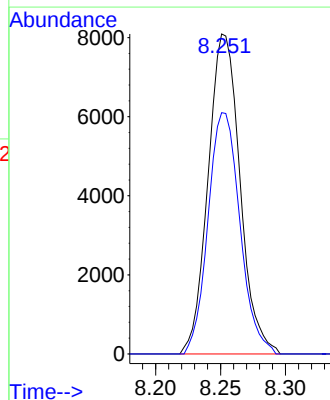
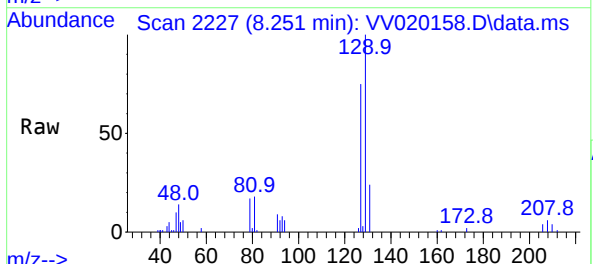
Ion	Ratio	Lower	Upper
43	100		
58	49.2	42.6	63.8
57	19.6	15.8	23.8
100	13.3	10.4	15.6

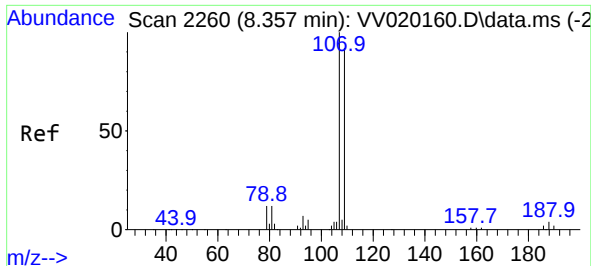


#49
Dibromochloromethane
Concen: 4.19 ug/L
RT: 8.251 min Scan# 2227
Delta R.T. 0.000 min
Lab File: VV020158.D
Acq: 25 Jan 2021 16:19

Tgt Ion: 129 Resp: 13832

Ion	Ratio	Lower	Upper
129	100		
127	75.4	54.4	101.0

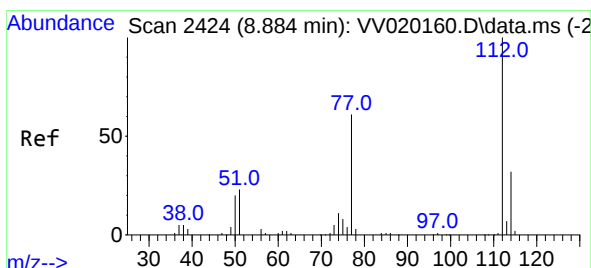
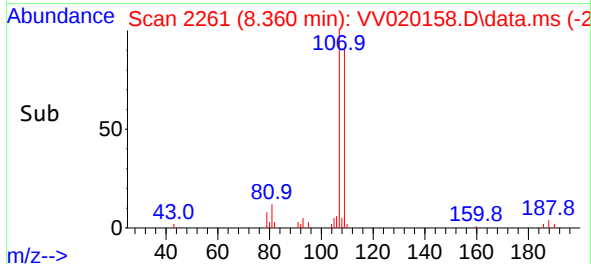
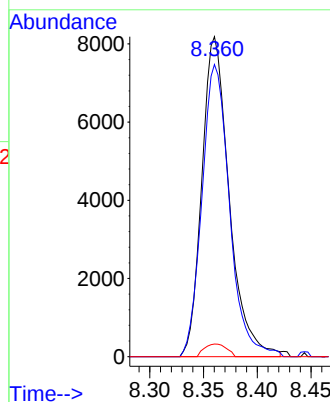
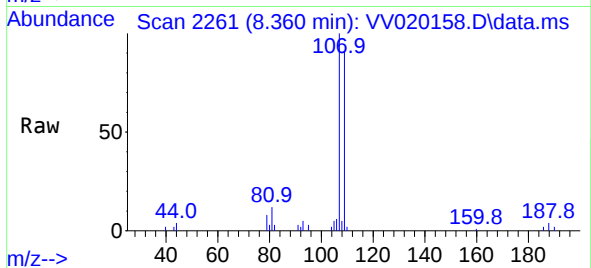




#50
1,2-Dibromoethane
Concen: 4.91 ug/L
RT: 8.360 min Scan# 2261
Delta R.T. 0.003 min
Lab File: VV020158.D
Acq: 25 Jan 2021 16:19

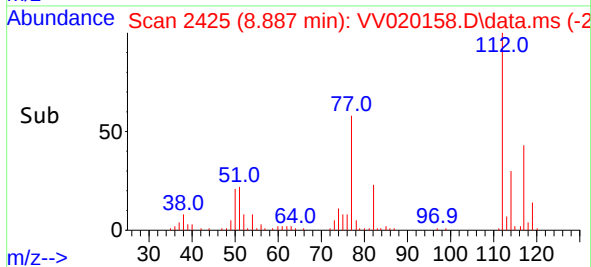
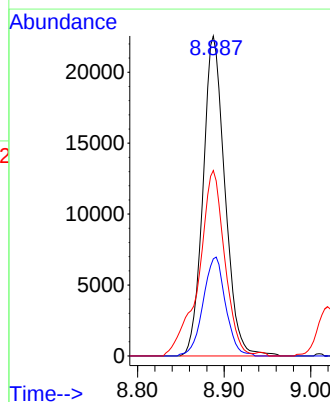
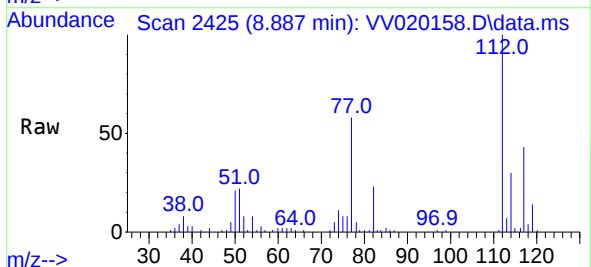
Instrument :
MSVOA_V
ClientSampleId :

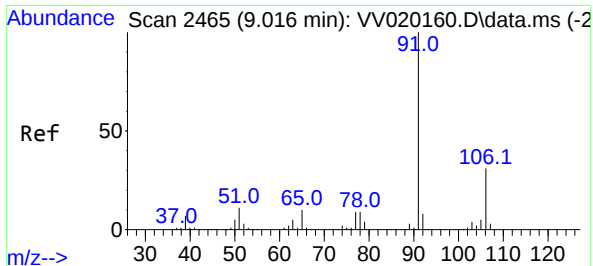
Tgt Ion:	107	Resp:	14483
Ion	Ratio	Lower	Upper
107	100		
109	91.3	64.8	120.4
188	3.9	3.8	5.8



#51
Chlorobenzene
Concen: 5.11 ug/L
RT: 8.887 min Scan# 2425
Delta R.T. 0.003 min
Lab File: VV020158.D
Acq: 25 Jan 2021 16:19

Tgt Ion:	112	Resp:	39559
Ion	Ratio	Lower	Upper
112	100		
114	30.3	22.7	42.1
77	58.0	47.3	70.9

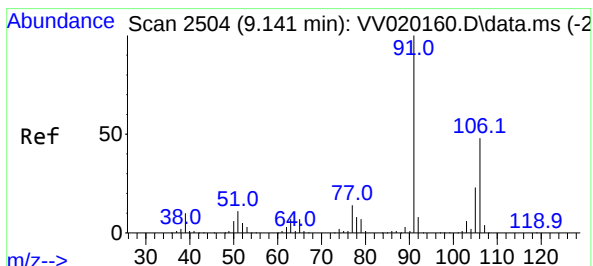
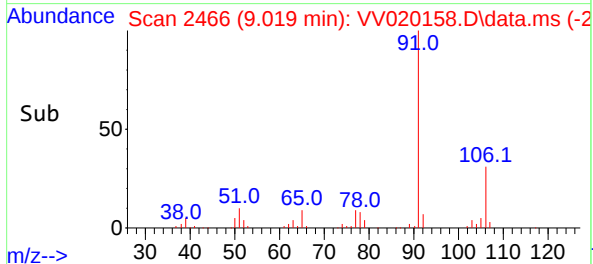
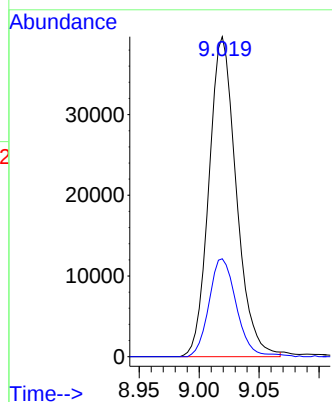
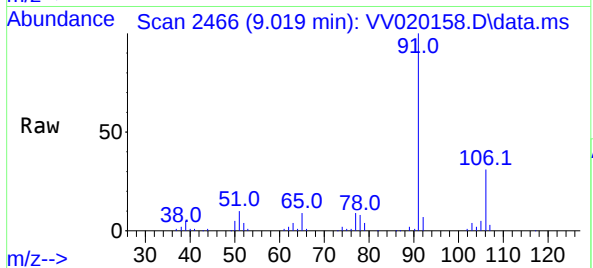




#52
Ethylbenzene
Concen: 4.93 ug/L
RT: 9.019 min Scan# 2466
Delta R.T. 0.003 min
Lab File: VV020158.D
Acq: 25 Jan 2021 16:19

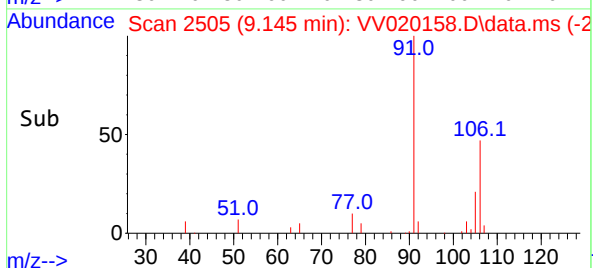
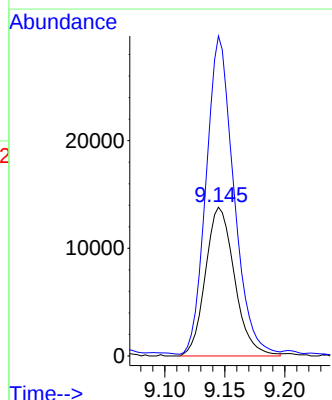
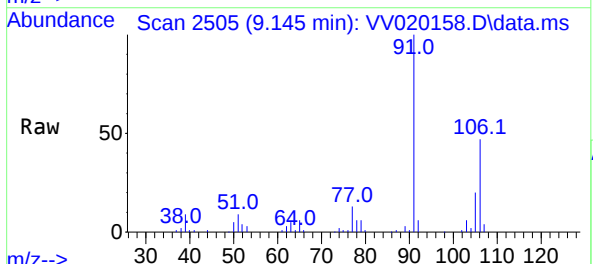
Instrument :
MSVOA_V
ClientSampled :

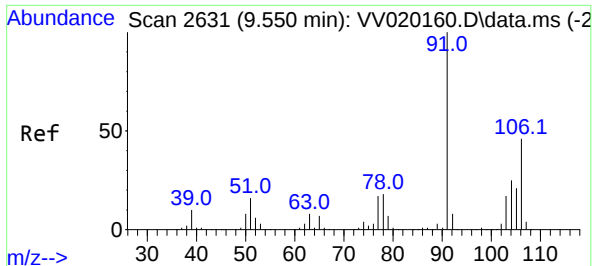
Tgt Ion: 91 Resp: 62948
Ion Ratio Lower Upper
91 100
106 30.6 21.6 40.0



#53
m,p-Xylene
Concen: 4.90 ug/L
RT: 9.145 min Scan# 2505
Delta R.T. 0.003 min
Lab File: VV020158.D
Acq: 25 Jan 2021 16:19

Tgt Ion: 106 Resp: 23373
Ion Ratio Lower Upper
106 100
91 215.0 147.2 273.4

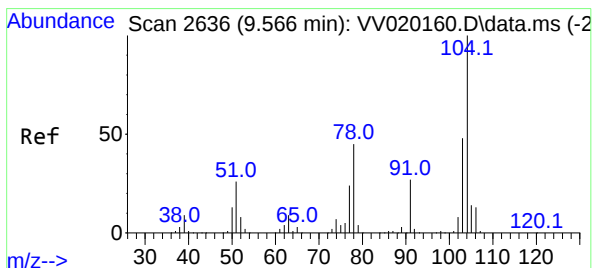
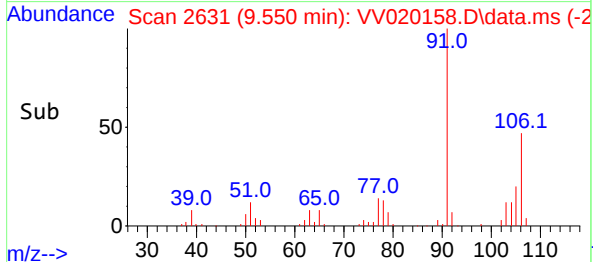
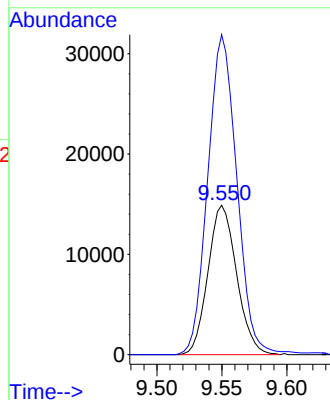
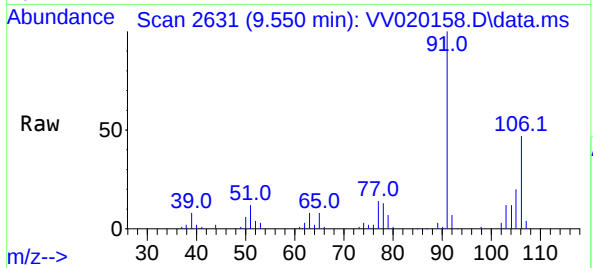




#54
o-Xylene
Concen: 4.80 ug/L
RT: 9.550 min Scan# 2631
Delta R.T. 0.000 min
Lab File: VV020158.D
Acq: 25 Jan 2021 16:19

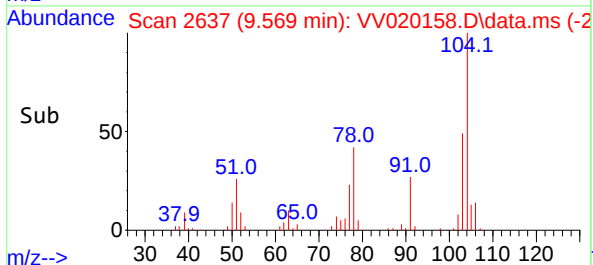
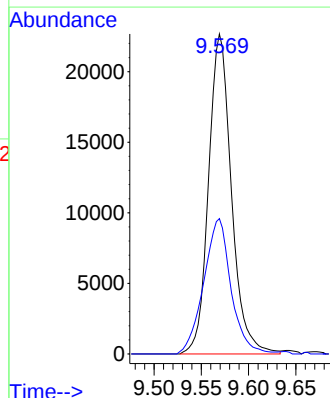
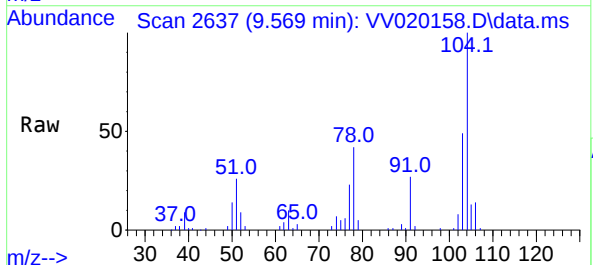
Instrument :
MSVOA_V
ClientSampled :

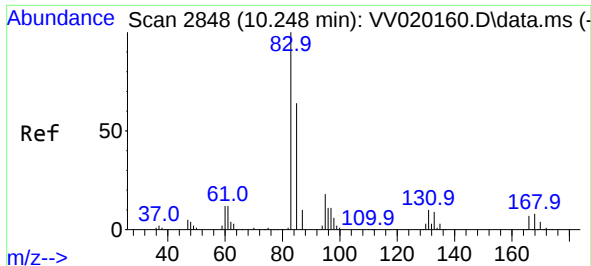
Tgt Ion:106 Resp: 22882
Ion Ratio Lower Upper
106 100
91 214.2 151.6 281.6



#55
Styrene
Concen: 4.50 ug/L
RT: 9.569 min Scan# 2637
Delta R.T. 0.003 min
Lab File: VV020158.D
Acq: 25 Jan 2021 16:19

Tgt Ion:104 Resp: 38211
Ion Ratio Lower Upper
104 100
78 42.3 32.6 60.5

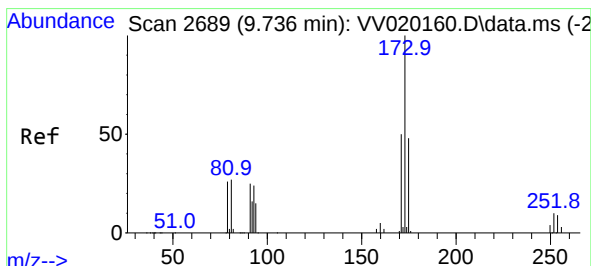
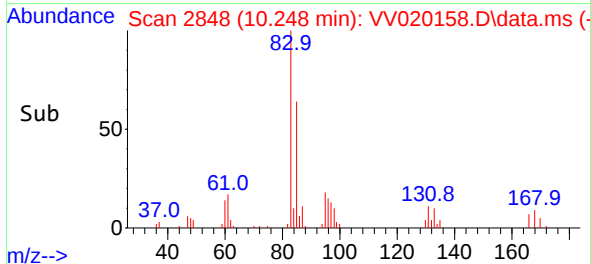
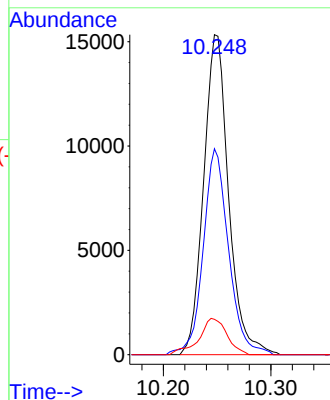
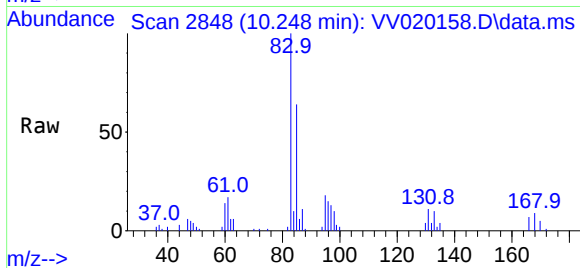




#57
1,1,2,2-Tetrachloroethane
Concen: 5.67 ug/L
RT: 10.248 min Scan# 2848
Delta R.T. 0.000 min
Lab File: VV020158.D
Acq: 25 Jan 2021 16:19

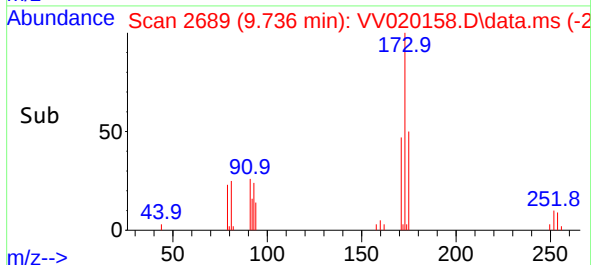
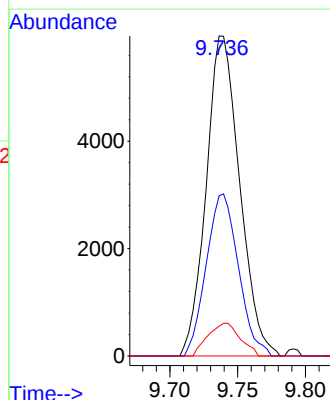
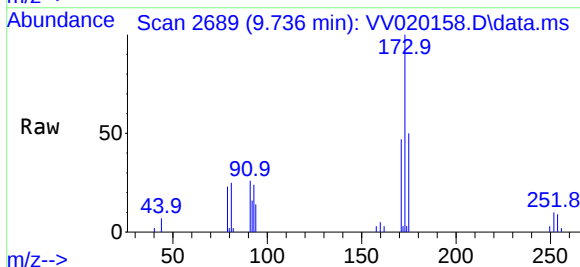
Instrument :
MSVOA_V
ClientSampleId :

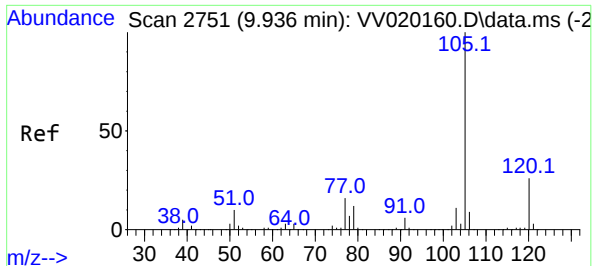
Tgt Ion: 83 Resp: 24774
Ion Ratio Lower Upper
83 100
85 64.4 45.0 83.6
131 11.0 8.9 13.3



#59
Bromoform
Concen: 4.87 ug/L
RT: 9.736 min Scan# 2689
Delta R.T. 0.000 min
Lab File: VV020158.D
Acq: 25 Jan 2021 16:19

Tgt Ion: 173 Resp: 10246
Ion Ratio Lower Upper
173 100
175 48.6 38.4 57.6
254 9.8 9.0 13.6



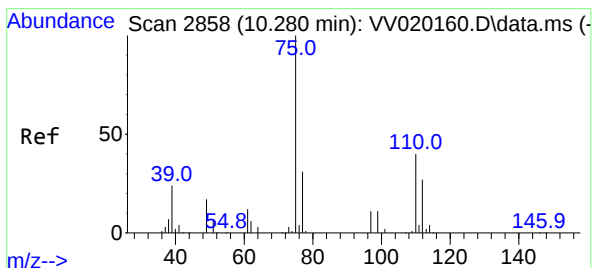
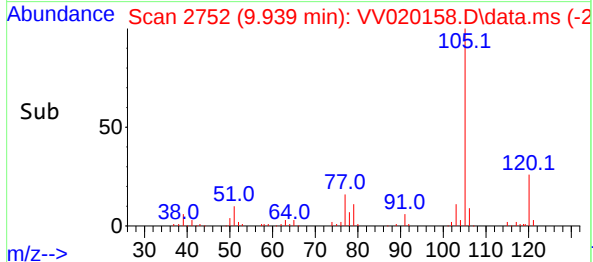
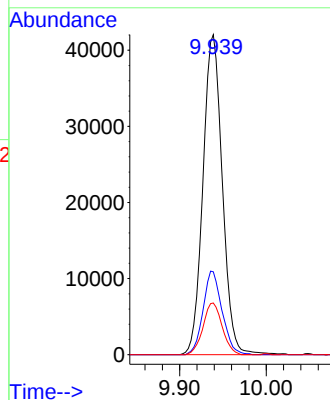
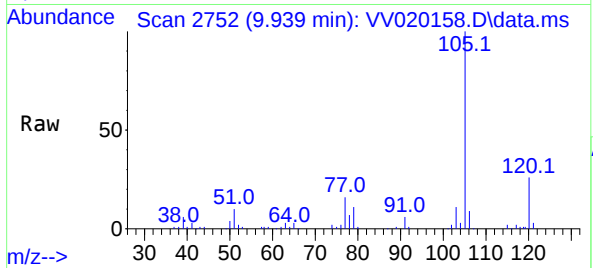


#60
Isopropylbenzene
Concen: 6.29 ug/L
RT: 9.939 min Scan# 2752
Delta R.T. 0.003 min
Lab File: VV020158.D
Acq: 25 Jan 2021 16:19

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion:105 Resp: 65501

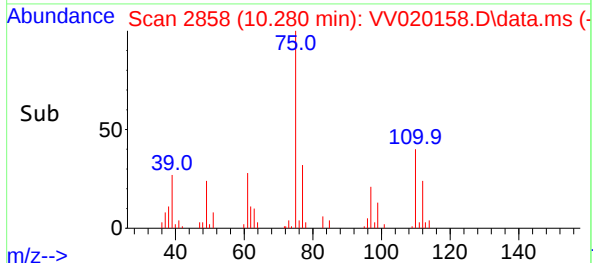
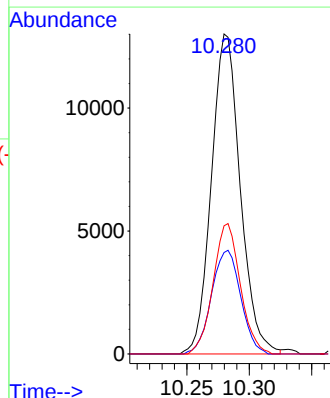
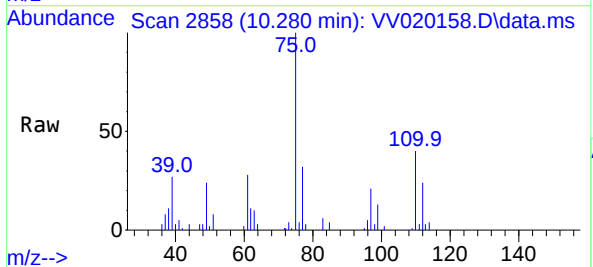
Ion	Ratio	Lower	Upper
105	100		
120	25.6	21.0	31.4
77	15.9	13.0	19.6

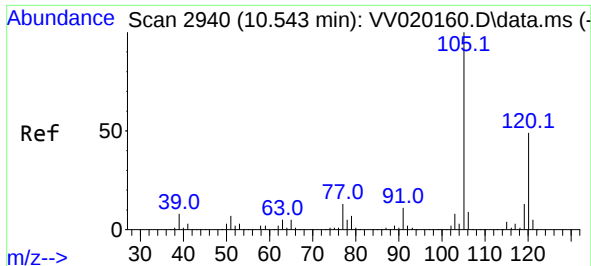


#61
1,2,3-Trichloropropane
Concen: 6.89 ug/L
RT: 10.280 min Scan# 2858
Delta R.T. 0.000 min
Lab File: VV020158.D
Acq: 25 Jan 2021 16:19

Tgt Ion: 75 Resp: 20964

Ion	Ratio	Lower	Upper
75	100		
77	32.8	24.8	37.2
110	38.5	33.4	50.2

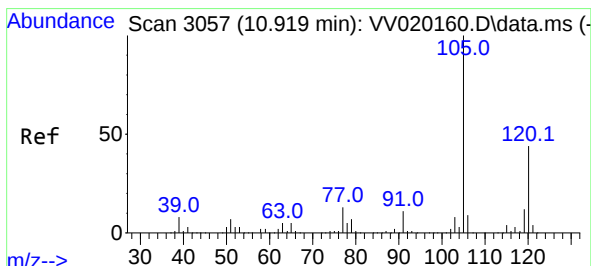
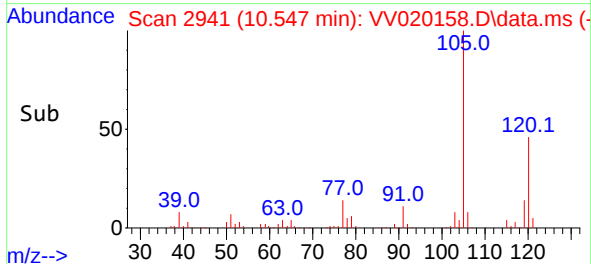
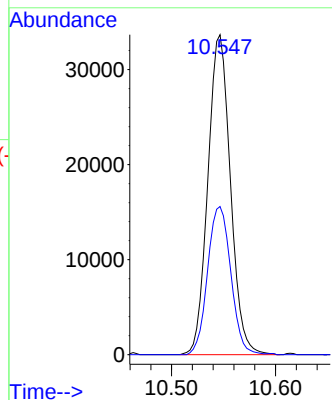
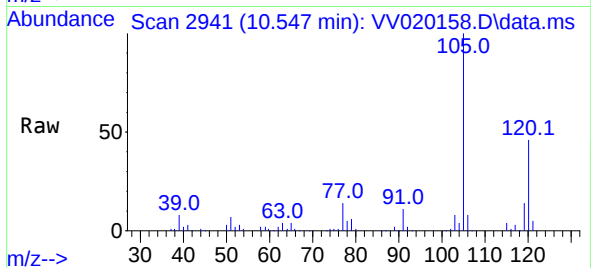




#62
1,3,5-Trimethylbenzene
Concen: 5.86 ug/L
RT: 10.547 min Scan# 2941
Delta R.T. 0.003 min
Lab File: VV020158.D
Acq: 25 Jan 2021 16:19

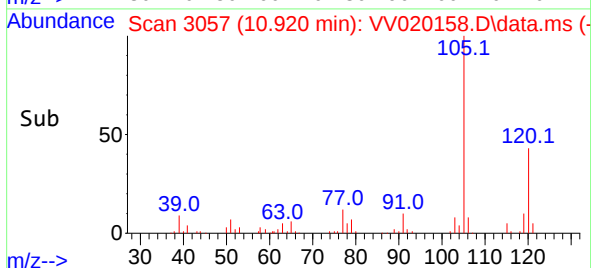
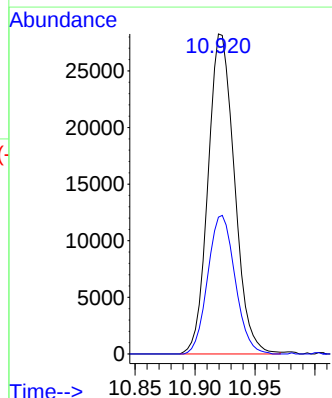
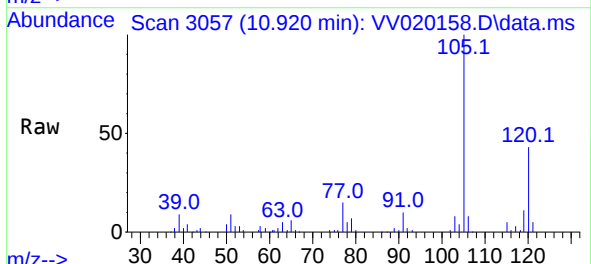
Instrument :
MSVOA_V
ClientSampled :

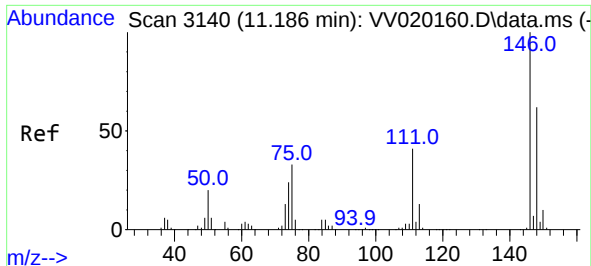
Tgt Ion:105 Resp: 50760
Ion Ratio Lower Upper
105 100
120 47.6 38.3 57.5



#63
1,2,4-Trimethylbenzene
Concen: 5.19 ug/L
RT: 10.920 min Scan# 3057
Delta R.T. 0.000 min
Lab File: VV020158.D
Acq: 25 Jan 2021 16:19

Tgt Ion:105 Resp: 43293
Ion Ratio Lower Upper
105 100
120 44.7 35.7 53.5

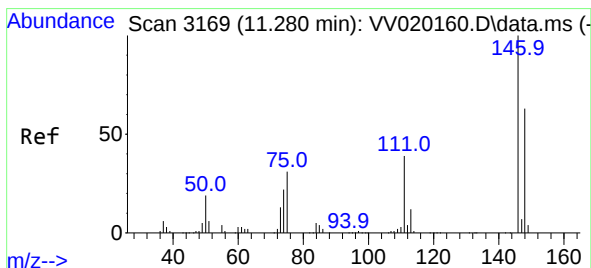
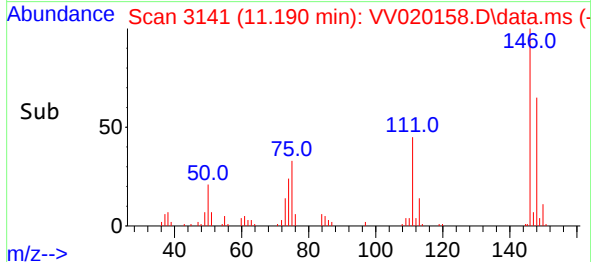
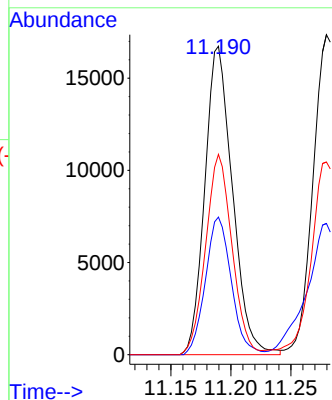
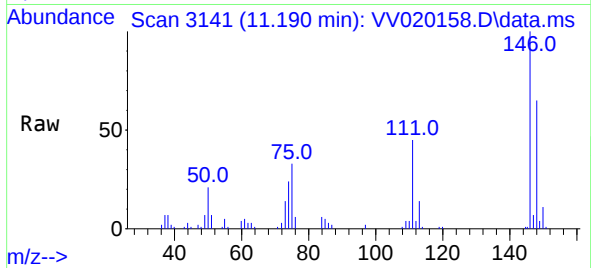




#64
1,3-Dichlorobenzene
Concen: 5.18 ug/L
RT: 11.190 min Scan# 3141
Delta R.T. 0.003 min
Lab File: VV020158.D
Acq: 25 Jan 2021 16:19

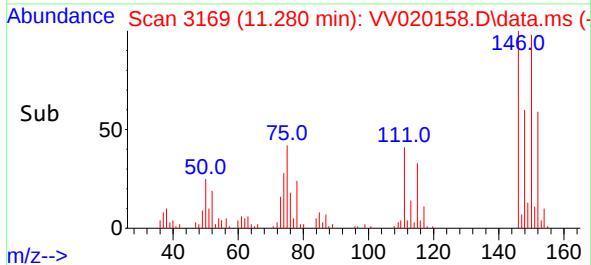
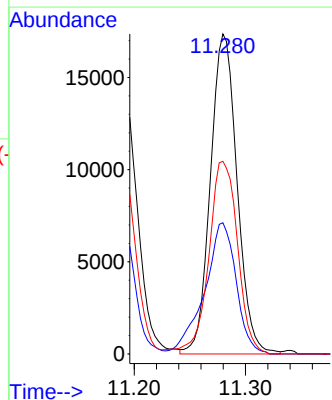
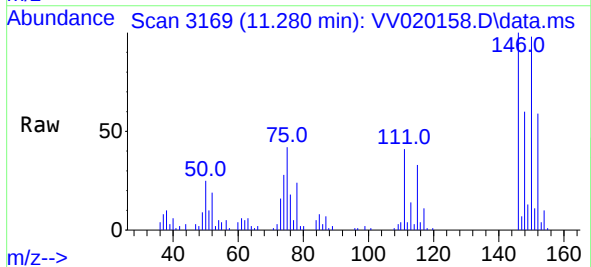
Instrument :
MSVOA_V
ClientSampled :

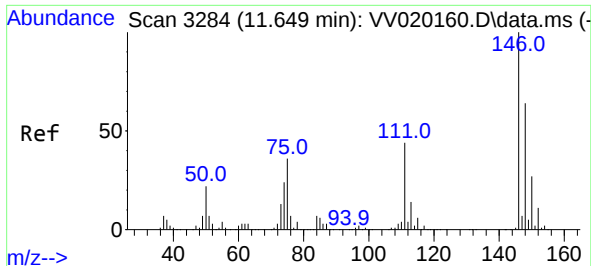
Tgt Ion:146 Resp: 26825
Ion Ratio Lower Upper
146 100
111 44.6 27.3 50.7
148 65.0 45.2 84.0



#65
1,4-Dichlorobenzene
Concen: 5.39 ug/L
RT: 11.280 min Scan# 3169
Delta R.T. 0.000 min
Lab File: VV020158.D
Acq: 25 Jan 2021 16:19

Tgt Ion:146 Resp: 28900
Ion Ratio Lower Upper
146 100
111 41.0 25.9 48.1
148 60.2 44.9 83.5

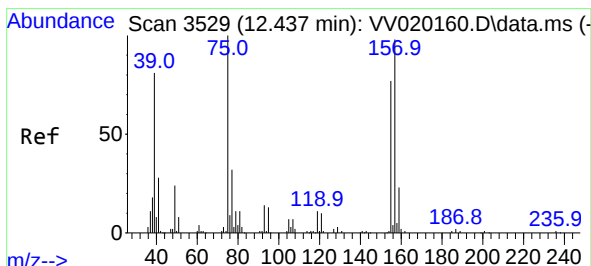
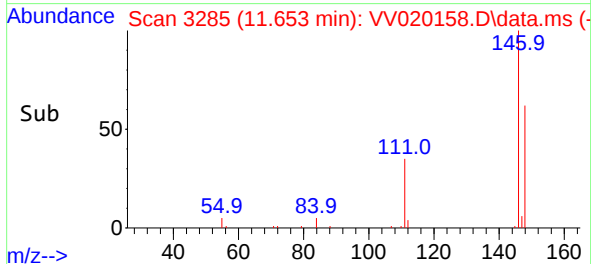
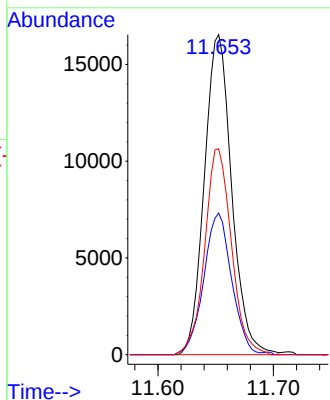
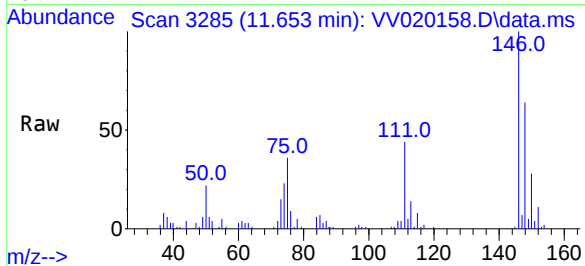




#67
1,2-Dichlorobenzene
Concen: 5.15 ug/L
RT: 11.653 min Scan# 3285
Delta R.T. 0.003 min
Lab File: VV020158.D
Acq: 25 Jan 2021 16:19

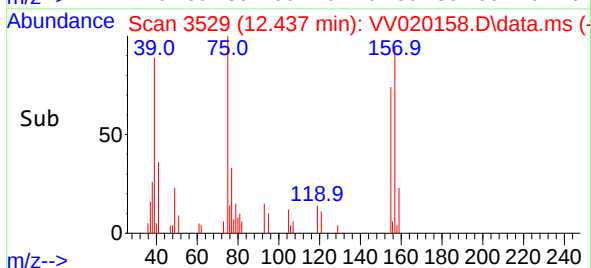
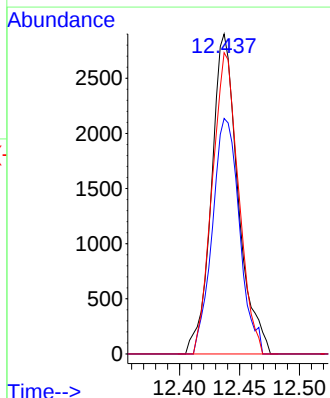
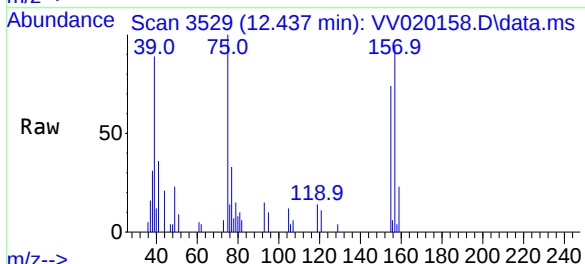
Instrument :
MSVOA_V
ClientSampled :

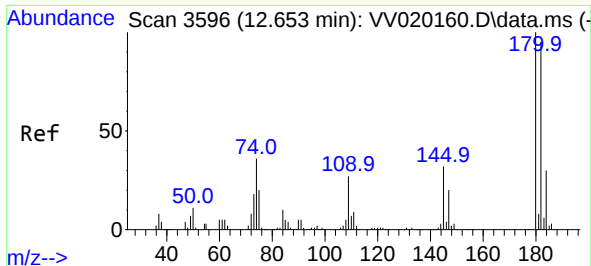
Tgt Ion:146 Resp: 27207
Ion Ratio Lower Upper
146 100
111 44.2 32.6 48.8
148 64.4 50.1 75.1



#68
1,2-Dibromo-3-chloropropane
Concen: 5.02 ug/L
RT: 12.437 min Scan# 3529
Delta R.T. 0.000 min
Lab File: VV020158.D
Acq: 25 Jan 2021 16:19

Tgt Ion: 75 Resp: 4463
Ion Ratio Lower Upper
75 100
155 79.3 65.8 98.6
157 94.2 86.3 129.5



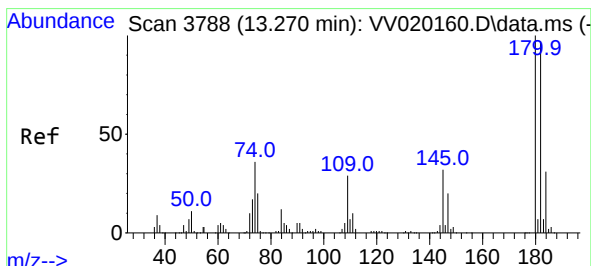
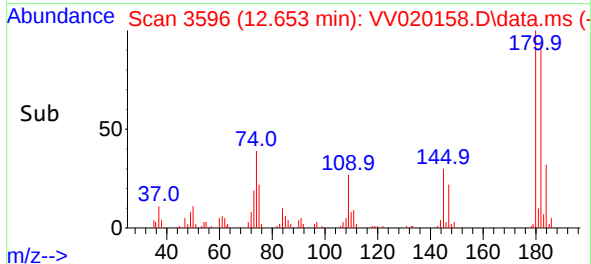
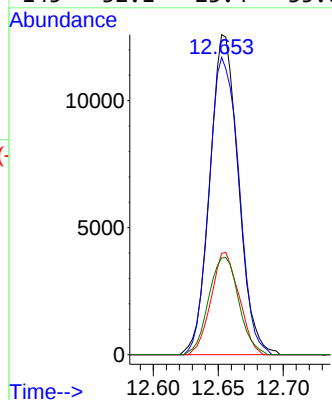
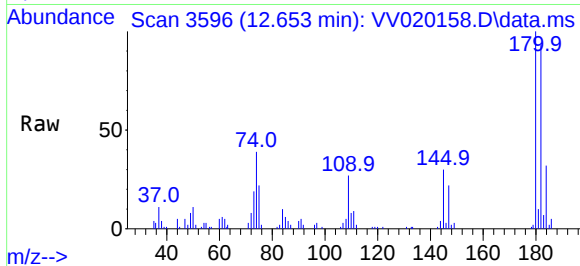


#69
1,3,5-Trichlorobenzene
Concen: 5.15 ug/L
RT: 12.653 min Scan# 3596
Delta R.T. 0.000 min
Lab File: VV020158.D
Acq: 25 Jan 2021 16:19

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:180 Resp: 19281

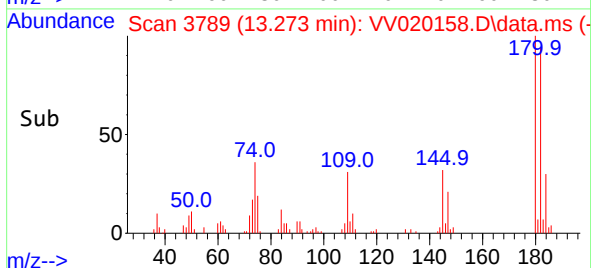
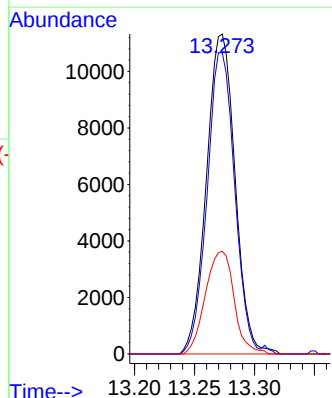
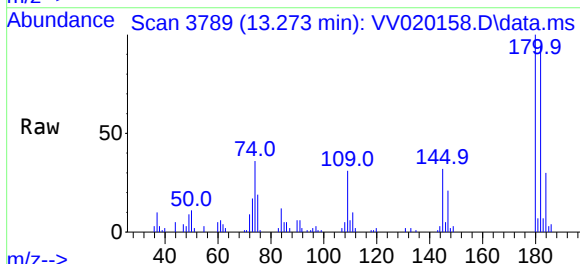
Ion	Ratio	Lower	Upper
180	100		
182	96.7	77.7	116.5
184	31.2	24.9	37.3
145	32.1	23.4	35.0

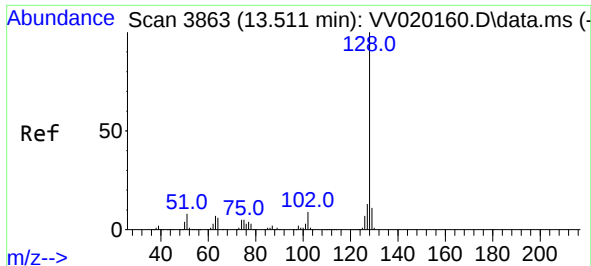


#70
1,2,4-trichlorobenzene
Concen: 5.30 ug/L
RT: 13.273 min Scan# 3789
Delta R.T. 0.003 min
Lab File: VV020158.D
Acq: 25 Jan 2021 16:19

Tgt Ion:180 Resp: 18825

Ion	Ratio	Lower	Upper
180	100		
182	90.3	76.6	114.8
145	32.0	23.2	34.8

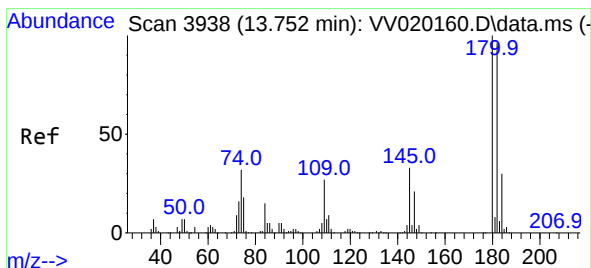
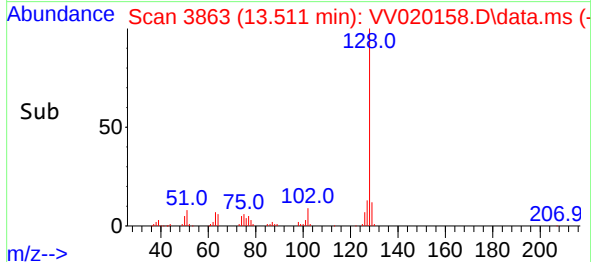
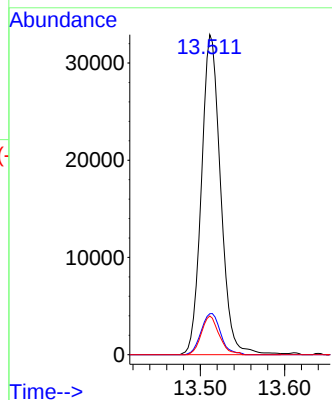
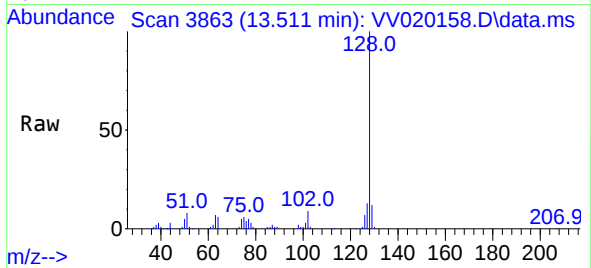




#71
Naphthalene
Concen: 4.90 ug/L
RT: 13.511 min Scan# 3863
Delta R.T. 0.000 min
Lab File: VV020158.D
Acq: 25 Jan 2021 16:19

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128	Resp:	52174
Ion Ratio	Lower	Upper
128	100	
127	13.1	10.7 16.1
129	11.2	8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 4.97 ug/L
RT: 13.752 min Scan# 3938
Delta R.T. 0.000 min
Lab File: VV020158.D
Acq: 25 Jan 2021 16:19

Tgt Ion:180	Resp:	18073
Ion Ratio	Lower	Upper
180	100	
182	92.7	77.4 116.0
145	32.5	24.7 37.1

