

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012121\
 Data File : VW020108.D
 Acq On : 21 Jan 2021 14:30
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05077

Quant Time: Jan 22 06:35:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 21 13:40:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	425565	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.859	117	437755	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.257	152	250434	50.00	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.309	65	168982	53.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	107.08%
7) Chloroethane-d5	1.569	69	140859	53.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.62%
11) 1,1-Dichloroethene-d2	2.110	63	317072	50.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.58%
21) 2-Butanone-d5	3.891	46	239092	110.45	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.45%
24) Chloroform-d	4.354	84	311755	52.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.46%
26) 1,2-Dichloroethane-d4	5.036	65	215056	52.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.96%
32) Benzene-d6	5.055	84	577979	47.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.88%
36) 1,2-Dichloropropane-d6	6.074	67	192759	50.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.30%
41) Toluene-d8	7.322	98	593201	52.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.78%
43) trans-1,3-Dichloroprop...	7.624	79	101858	54.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	109.40%
47) 2-Hexanone-d5	8.093	63	178204	112.64	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.64%
57) 1,1,2,2-Tetrachloroeth...	10.222	84	281715	54.07	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.14%
64) 1,2-Dichlorobenzene-d4	11.630	152	245773	52.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.46%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.129	85	181994	50.90	ug/L 100
3) Chloromethane	1.241	50	189964	53.23	ug/L 99
5) Vinyl chloride	1.312	62	194052	52.64	ug/L 99
6) Bromomethane	1.524	94	122810	52.82	ug/L 98
8) Chloroethane	1.585	64	123827	52.39	ug/L 98
9) Trichlorofluoromethane	1.753	101	270585	51.51	ug/L 100
10) 1,1,2-Trichloro-1,2,2-...	2.119	101	145471	48.34	ug/L 94
12) 1,1-Dichloroethene	2.119	96	142089	49.14	ug/L 88
13) Acetone	2.180	43	173049	92.93	ug/L 100
14) Carbon disulfide	2.296	76	426624	50.65	ug/L 100
15) Methyl Acetate	2.434	43	178856	52.21	ug/L 99
16) Methylene chloride	2.508	84	158646	50.53	ug/L 99
17) trans-1,2-Dichloroethene	2.762	96	150161	52.28	ug/L 97
18) Methyl tert-butyl Ether	2.772	73	493975	53.12	ug/L 98
19) 1,1-Dichloroethane	3.193	63	286648	52.28	ug/L 100
20) cis-1,2-Dichloroethene	3.917	96	160406	52.10	ug/L 95
22) 2-Butanone	3.971	43	253799	108.45	ug/L 99
23) Bromochloromethane	4.254	128	83111	51.52	ug/L 91
25) Chloroform	4.380	83	302591	52.61	ug/L 100
27) 1,2-Dichloroethane	5.135	62	259142	52.79	ug/L 100

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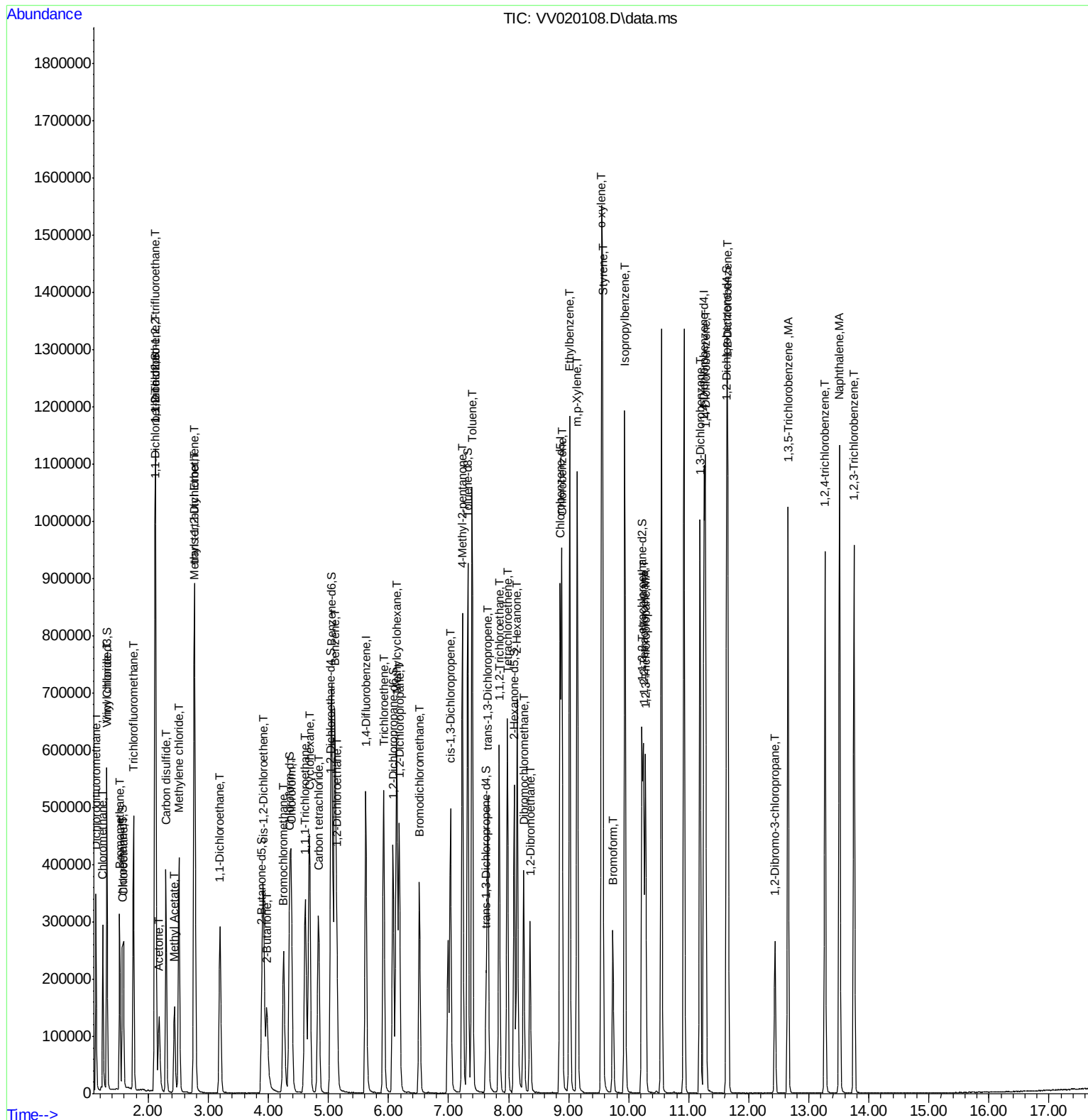
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	4.685	56	242288	47.58	ug/L	97
30) 1,1,1-Trichloroethane	4.614	97	267554	49.13	ug/L	100
31) Carbon tetrachloride	4.833	117	225001	48.04	ug/L	100
33) Benzene	5.103	78	627026	47.67	ug/L	100
34) Trichloroethene	5.920	95	175901	47.29	ug/L	97
35) Methylcyclohexane	6.135	83	253254	47.67	ug/L	97
37) 1,2-Dichloropropane	6.177	63	169958	49.43	ug/L	98
38) Bromodichloromethane	6.515	83	237140	50.36	ug/L	97
39) cis-1,3-Dichloropropene	7.032	75	278251	52.35	ug/L	100
40) 4-Methyl-2-pentanone	7.228	43	543251	105.44	ug/L	98
42) Toluene	7.392	91	737714	52.86	ug/L	99
44) trans-1,3-Dichloropropene	7.653	75	280752	55.67	ug/L	100
45) 1,1,2-Trichloroethane	7.842	97	177767	52.51	ug/L	98
46) Tetrachloroethene	7.981	164	141585	51.00	ug/L	97
48) 2-Hexanone	8.142	43	422743	105.98	ug/L	97
49) Dibromochloromethane	8.251	129	188751	51.59	ug/L	99
50) 1,2-Dibromoethane	8.357	107	189345	51.18	ug/L	98
51) Chlorobenzene	8.887	112	461662	50.32	ug/L	98
52) Ethylbenzene	9.016	91	788638	51.32	ug/L	98
53) m,p-Xylene	9.141	106	290297	51.88	ug/L	99
54) o-xylene	9.550	106	274323	48.75	ug/L	97
55) Styrene	9.566	104	484996	49.26	ug/L	99
56) Isopropylbenzene	9.936	105	735678	48.96	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.248	83	269016	52.73	ug/L	98
59) 1,2,3-Trichloropropane	10.280	75	222221	48.93	ug/L	98
61) Bromoform	9.736	173	112950	44.37	ug/L	99
62) 1,3-Dichlorobenzene	11.186	146	389293	51.09	ug/L	98
63) 1,4-Dichlorobenzene	11.280	146	394657	49.71	ug/L	98
65) 1,2-Dichlorobenzene	11.649	146	388551	50.33	ug/L	98
66) 1,2-Dibromo-3-chloropr...	12.437	75	63224	49.41	ug/L	88
67) 1,3,5-Trichlorobenzene	12.653	180	295975	50.14	ug/L	99
68) 1,2,4-trichlorobenzene	13.270	180	271182	52.02	ug/L	98
69) Naphthalene	13.511	128	830683	54.92	ug/L	100
70) 1,2,3-Trichlorobenzene	13.752	180	272615	53.19	ug/L	98

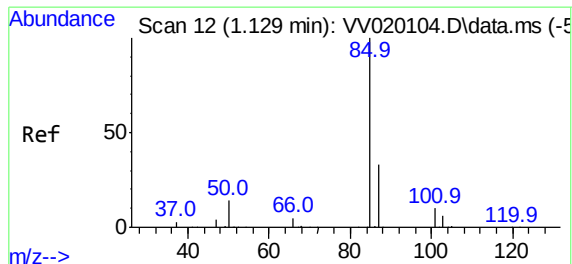
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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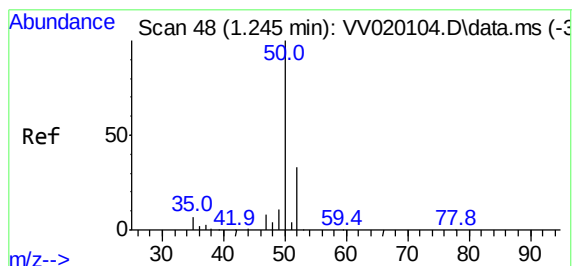
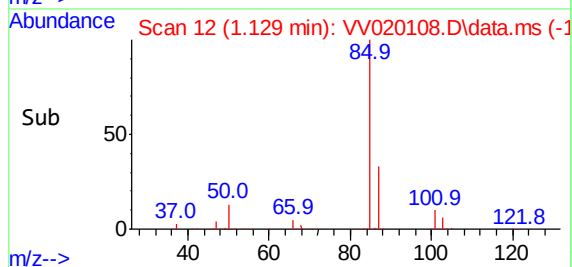
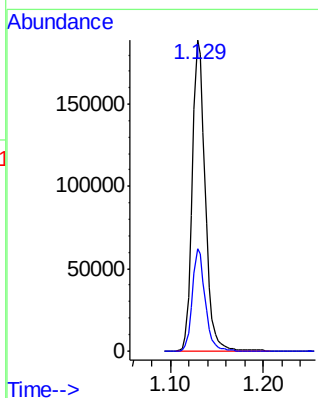
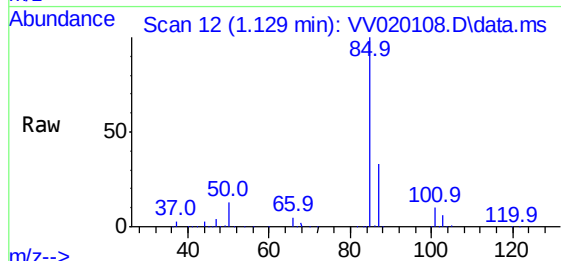




#2
Dichlorodifluoromethane
Concen: 50.90 ug/L
RT: 1.129 min Scan# 12
Delta R.T. 0.000 min
Lab File: VV020108.D
Acq: 21 Jan 2021 14:30

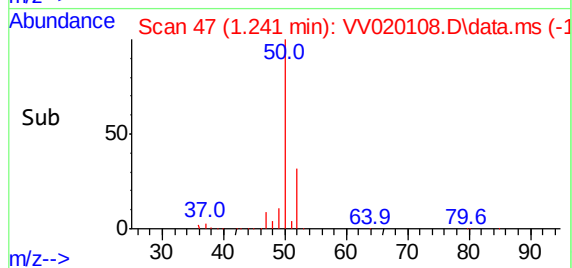
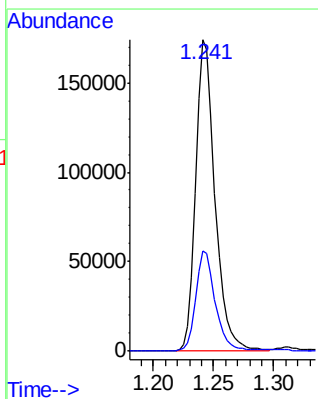
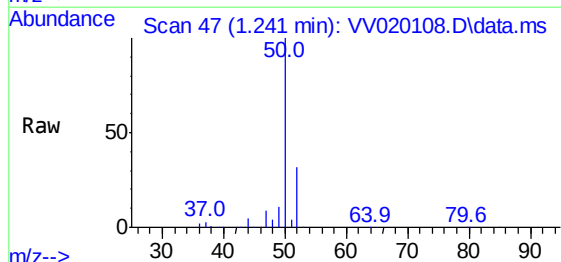
Instrument :
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ClientSampleId :
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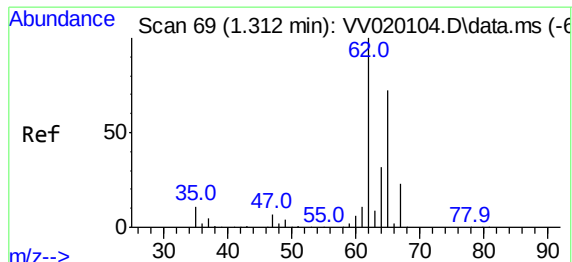
Tgt Ion: 85 Resp: 181994
Ion Ratio Lower Upper
85 100
87 32.4 25.9 38.9



#3
Chloromethane
Concen: 53.23 ug/L
RT: 1.241 min Scan# 47
Delta R.T. -0.003 min
Lab File: VV020108.D
Acq: 21 Jan 2021 14:30

Tgt Ion: 50 Resp: 189964
Ion Ratio Lower Upper
50 100
52 31.9 22.7 42.1

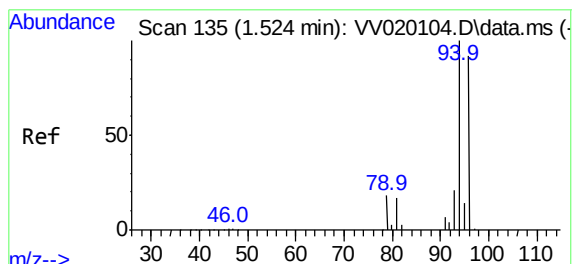
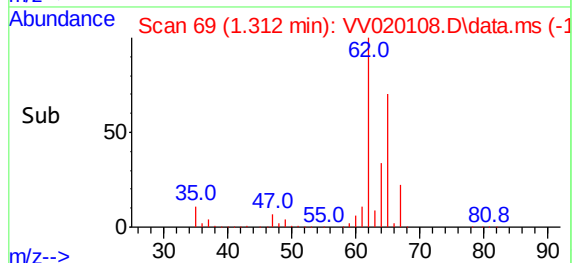
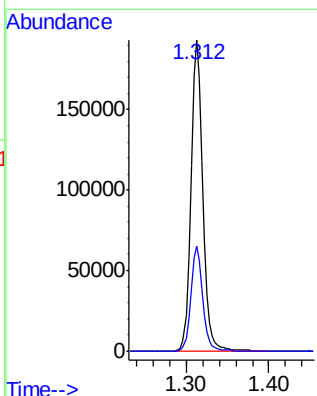
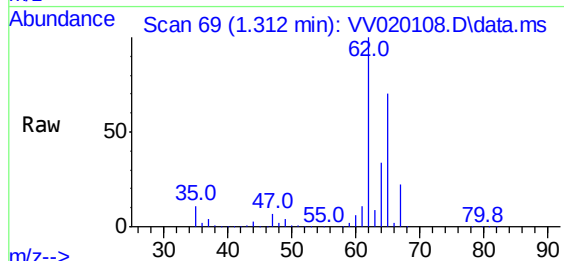




#5
 Vinyl chloride
 Concen: 52.64 ug/L
 RT: 1.312 min Scan# 69
 Delta R.T. 0.000 min
 Lab File: VV020108.D
 Acq: 21 Jan 2021 14:30

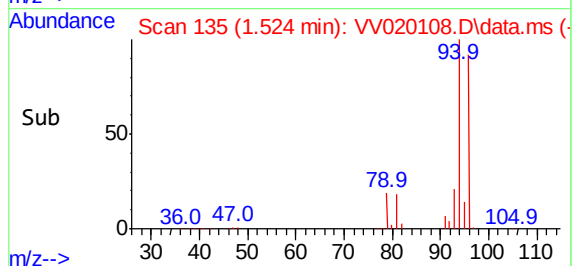
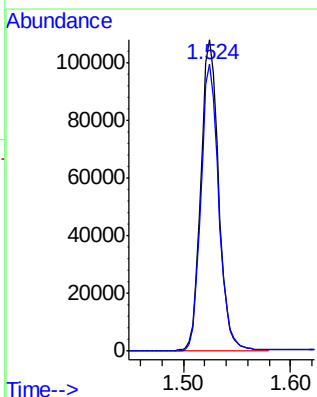
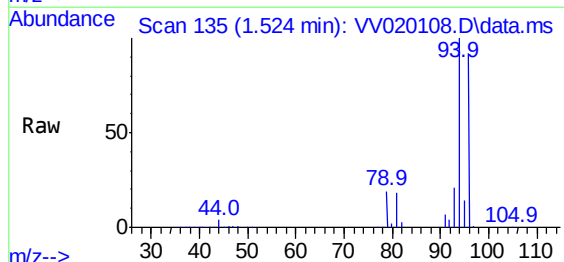
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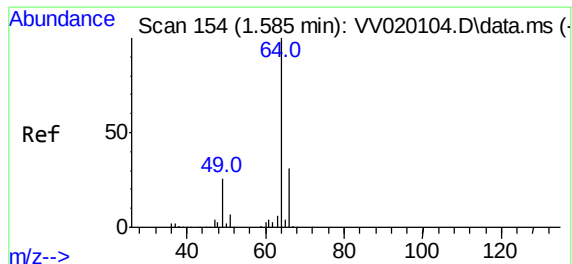
Tgt Ion: 62 Resp: 194052
 Ion Ratio Lower Upper
 62 100
 64 33.5 23.0 42.6



#6
 Bromomethane
 Concen: 52.82 ug/L
 RT: 1.524 min Scan# 135
 Delta R.T. 0.000 min
 Lab File: VV020108.D
 Acq: 21 Jan 2021 14:30

Tgt Ion: 94 Resp: 122810
 Ion Ratio Lower Upper
 94 100
 96 92.3 63.6 118.2

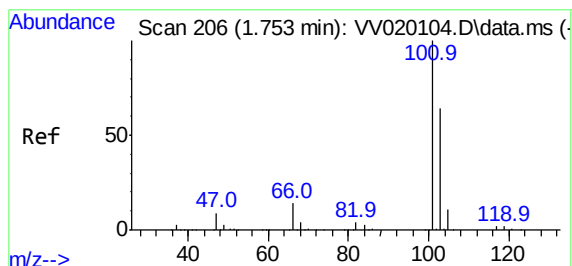
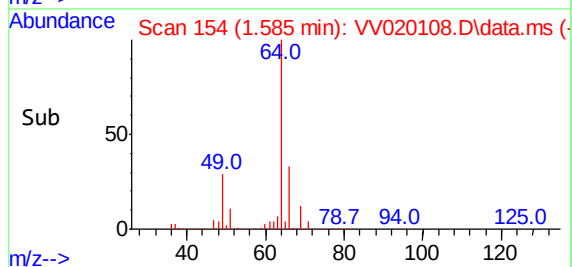
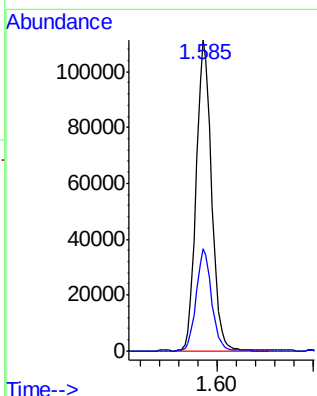
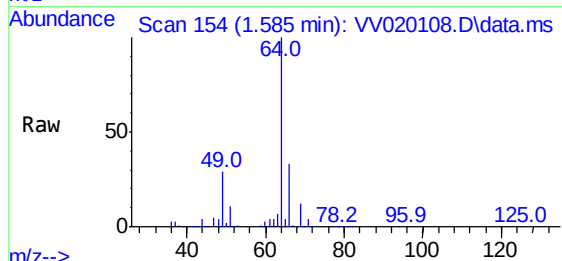




#8
Chloroethane
Concen: 52.39 ug/L
RT: 1.585 min Scan# 154
Delta R.T. 0.000 min
Lab File: VV020108.D
Acq: 21 Jan 2021 14:30

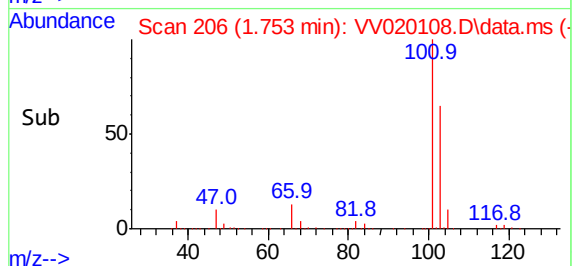
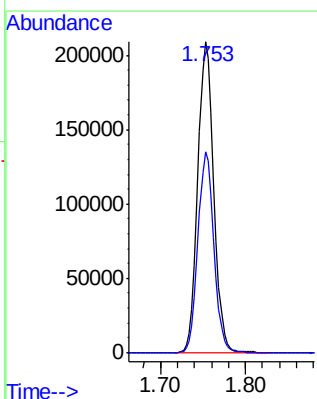
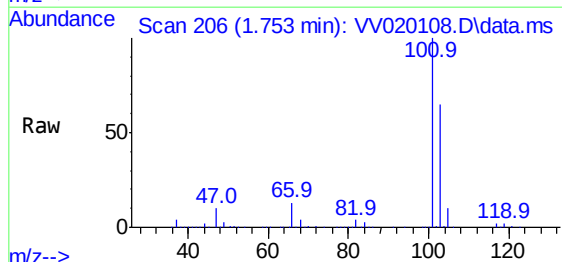
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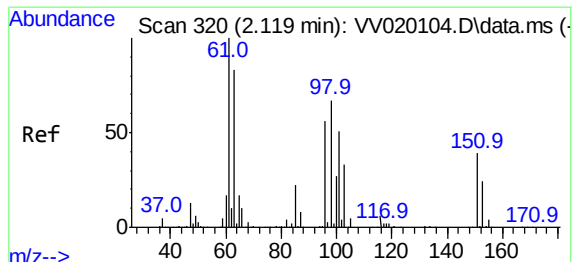
Tgt Ion: 64 Resp: 123827
Ion Ratio Lower Upper
64 100
66 32.9 22.4 41.6



#9
Trichlorofluoromethane
Concen: 51.51 ug/L
RT: 1.753 min Scan# 206
Delta R.T. 0.000 min
Lab File: VV020108.D
Acq: 21 Jan 2021 14:30

Tgt Ion:101 Resp: 270585
Ion Ratio Lower Upper
101 100
103 64.7 51.7 77.5



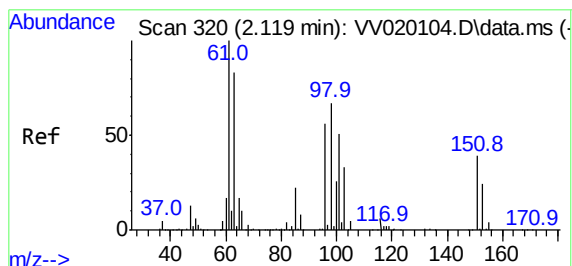
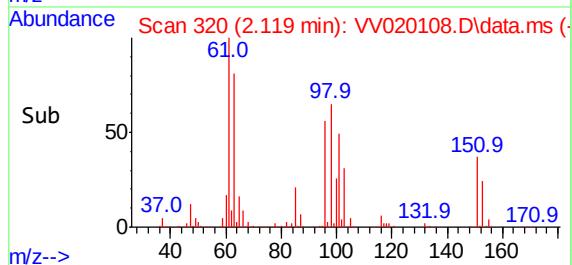
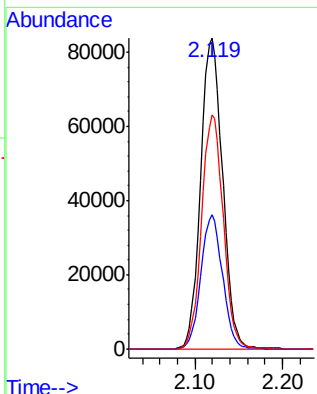
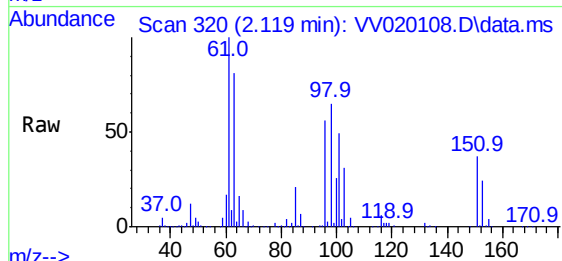


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 48.34 ug/L
 RT: 2.119 min Scan# 320
 Delta R.T. 0.000 min
 Lab File: VV020108.D
 Acq: 21 Jan 2021 14:30

Instrument :
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 ClientSampleId :
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Tgt Ion:101 Resp: 145471

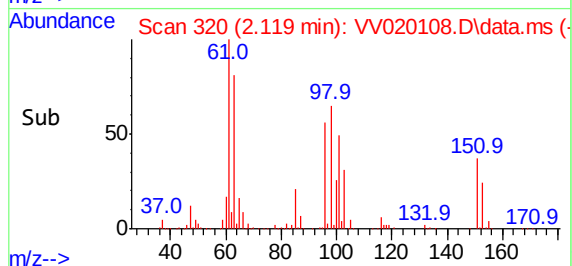
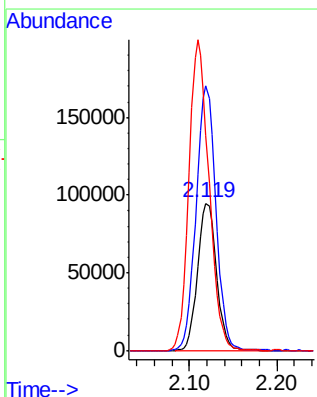
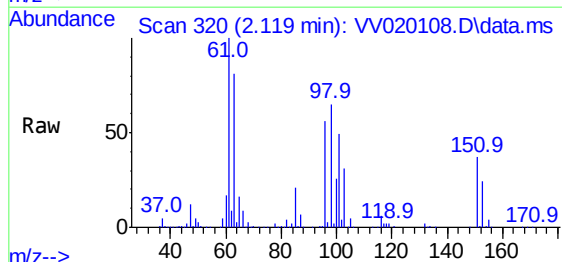
Ion	Ratio	Lower	Upper
101	100		
85	42.5	35.3	52.9
151	74.1	53.6	80.4

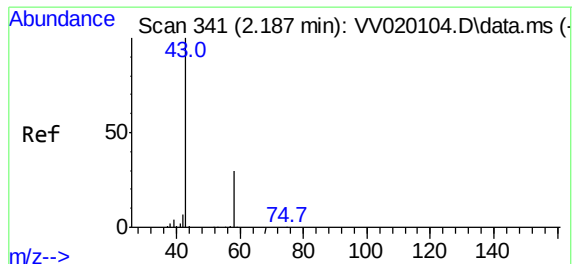


#12
 1,1-Dichloroethene
 Concen: 49.14 ug/L
 RT: 2.119 min Scan# 320
 Delta R.T. 0.000 min
 Lab File: VV020108.D
 Acq: 21 Jan 2021 14:30

Tgt Ion: 96 Resp: 142089

Ion	Ratio	Lower	Upper
96	100		
61	179.4	134.9	250.5
63	145.8	117.6	218.4

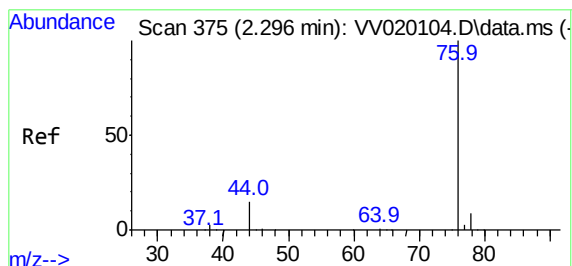
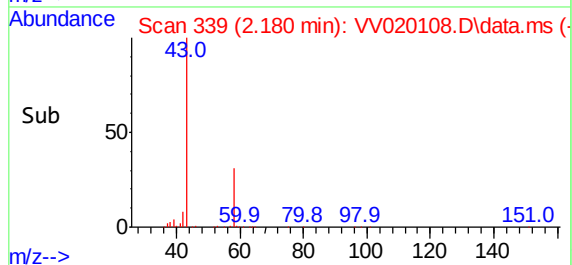
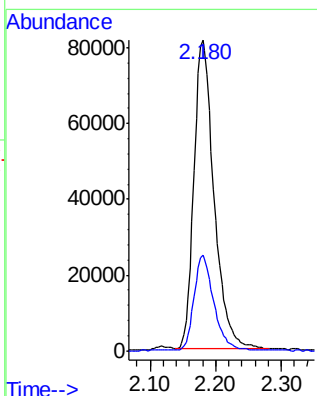
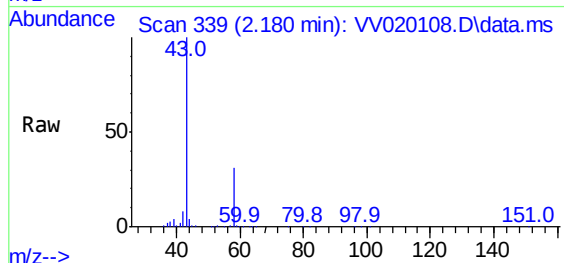




#13
Acetone
Concen: 92.93 ug/L
RT: 2.180 min Scan# 339
Delta R.T. -0.006 min
Lab File: VV020108.D
Acq: 21 Jan 2021 14:30

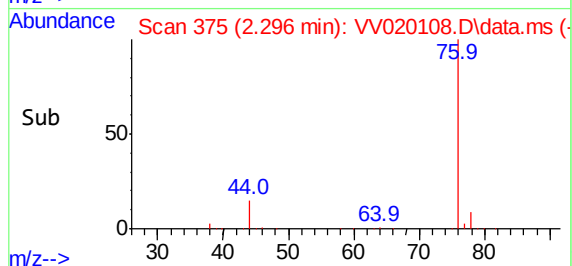
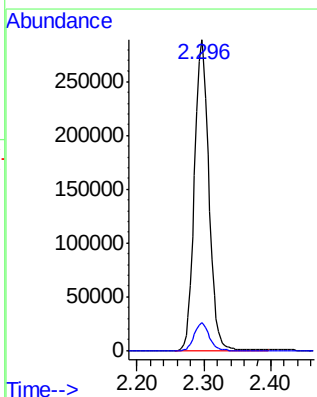
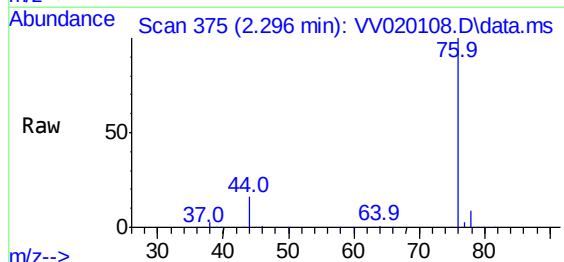
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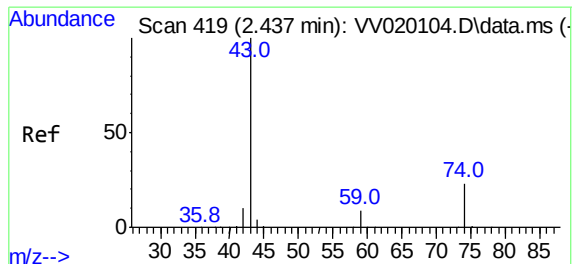
Tgt Ion: 43 Resp: 173049
Ion Ratio Lower Upper
43 100
58 30.2 0.0 60.2



#14
Carbon disulfide
Concen: 50.65 ug/L
RT: 2.296 min Scan# 375
Delta R.T. 0.000 min
Lab File: VV020108.D
Acq: 21 Jan 2021 14:30

Tgt Ion: 76 Resp: 426624
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8

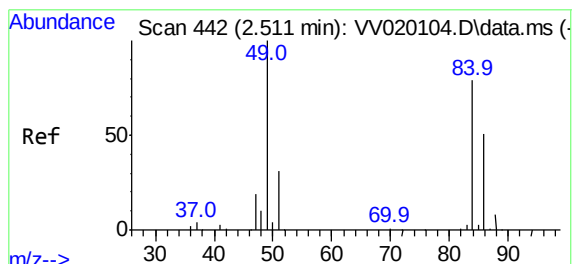
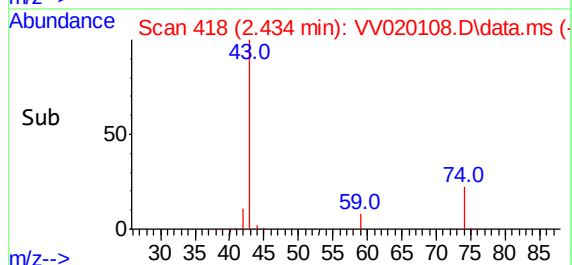
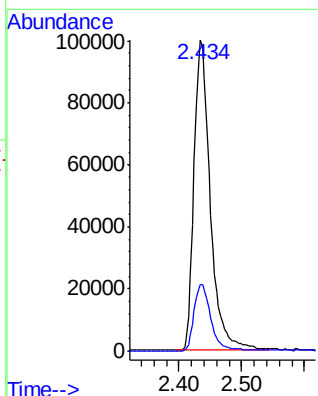
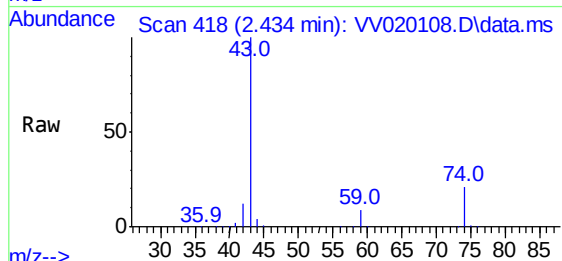




#15
Methyl Acetate
Concen: 52.21 ug/L
RT: 2.434 min Scan# 418
Delta R.T. -0.003 min
Lab File: VV020108.D
Acq: 21 Jan 2021 14:30

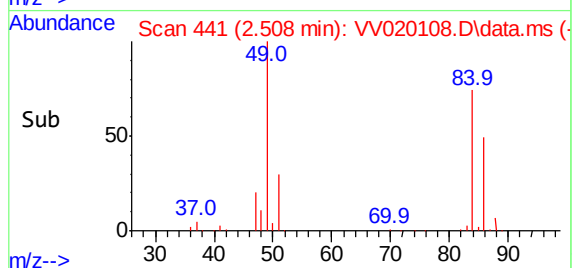
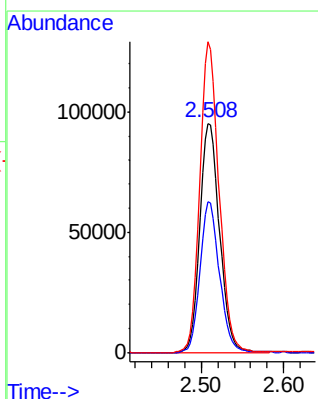
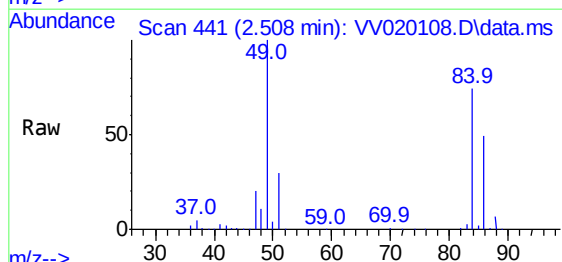
Instrument :
MSVOA_V
ClientSampleId :
VSTD05077

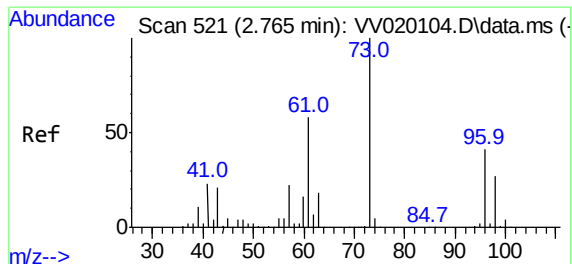
Tgt Ion: 43 Resp: 178856
Ion Ratio Lower Upper
43 100
74 21.6 17.6 26.4



#16
Methylene chloride
Concen: 50.53 ug/L
RT: 2.508 min Scan# 441
Delta R.T. -0.003 min
Lab File: VV020108.D
Acq: 21 Jan 2021 14:30

Tgt Ion: 84 Resp: 158646
Ion Ratio Lower Upper
84 100
86 65.8 44.6 82.8
49 135.5 94.6 175.8

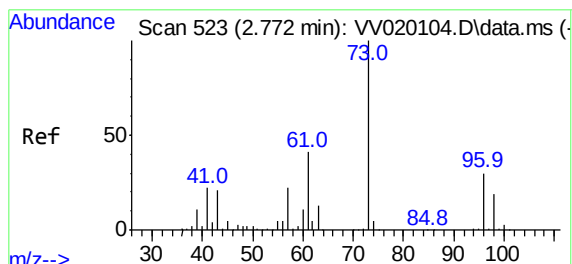
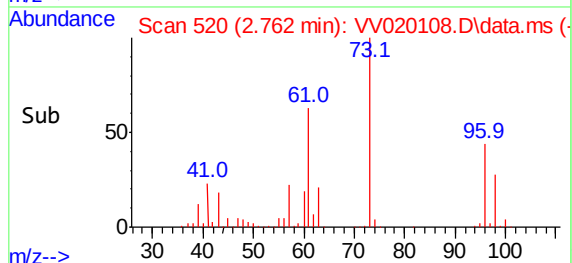
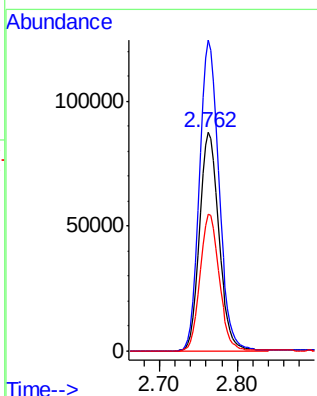
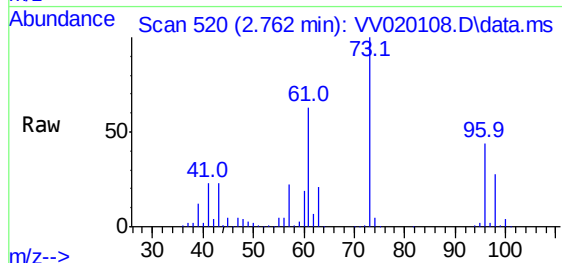




#17
trans-1,2-Dichloroethene
Concen: 52.28 ug/L
RT: 2.762 min Scan# 520
Delta R.T. -0.003 min
Lab File: VV020108.D
Acq: 21 Jan 2021 14:30

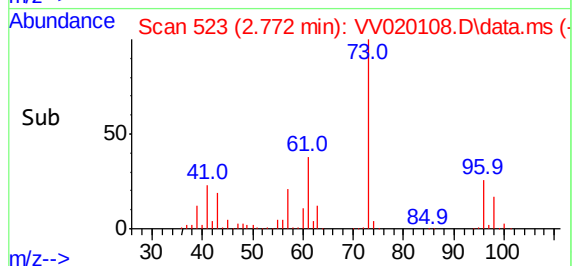
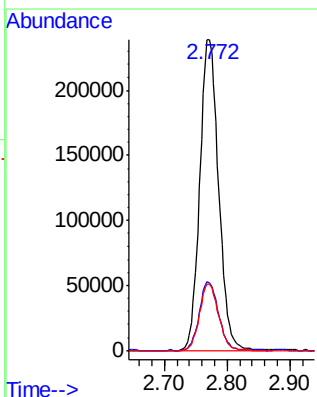
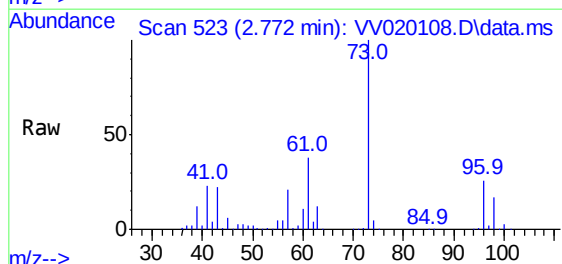
Instrument :
MSVOA_V
ClientSampleId :
VSTD05077

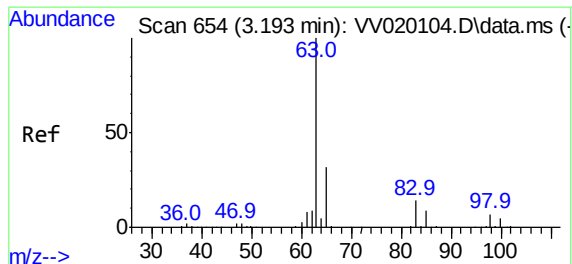
Tgt Ion: 96 Resp: 150161
Ion Ratio Lower Upper
96 100
61 142.4 103.1 191.5
98 62.6 43.1 80.1



#18
Methyl tert-butyl Ether
Concen: 53.12 ug/L
RT: 2.772 min Scan# 523
Delta R.T. 0.000 min
Lab File: VV020108.D
Acq: 21 Jan 2021 14:30

Tgt Ion: 73 Resp: 493975
Ion Ratio Lower Upper
73 100
43 22.5 17.3 25.9
57 21.6 17.9 26.9

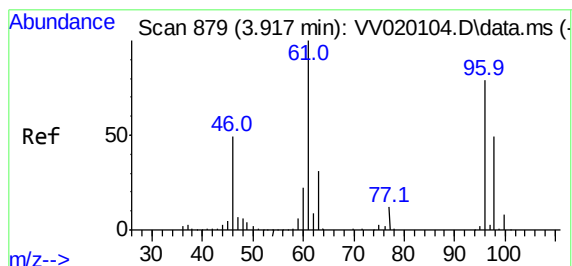
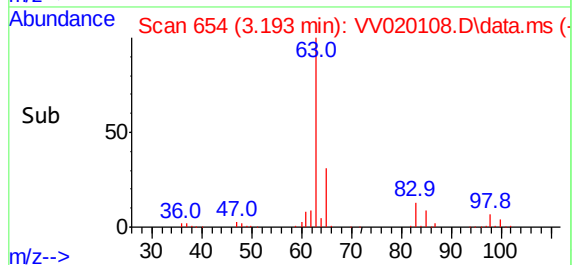
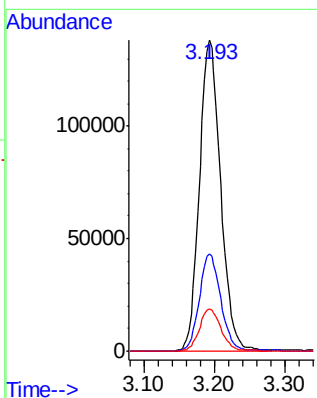
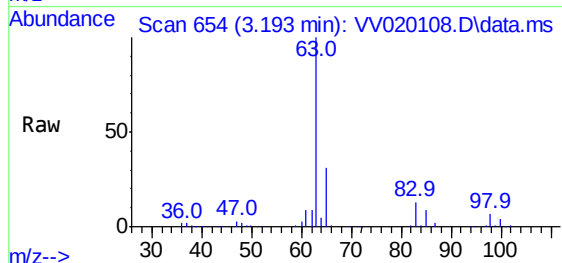




#19
1,1-Dichloroethane
Concen: 52.28 ug/L
RT: 3.193 min Scan# 654
Delta R.T. 0.000 min
Lab File: VV020108.D
Acq: 21 Jan 2021 14:30

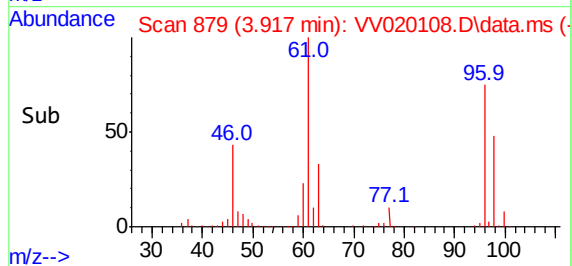
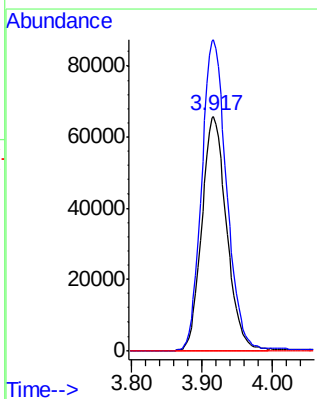
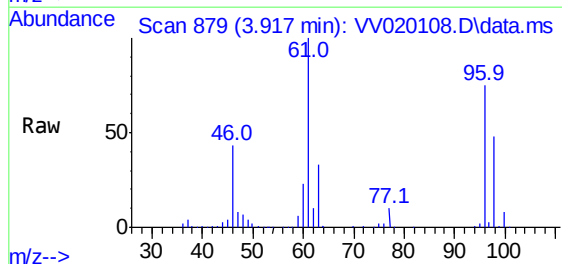
Instrument :
MSVOA_V
ClientSampleId :
VSTD05077

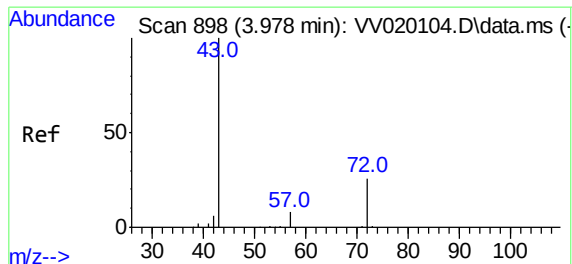
Tgt Ion: 63 Resp: 286648
Ion Ratio Lower Upper
63 100
65 31.4 21.9 40.7
83 13.4 9.5 17.7



#20
cis-1,2-Dichloroethene
Concen: 52.10 ug/L
RT: 3.917 min Scan# 879
Delta R.T. 0.000 min
Lab File: VV020108.D
Acq: 21 Jan 2021 14:30

Tgt Ion: 96 Resp: 160406
Ion Ratio Lower Upper
96 100
61 132.7 96.9 179.9
68 0.0 0.0 0.0

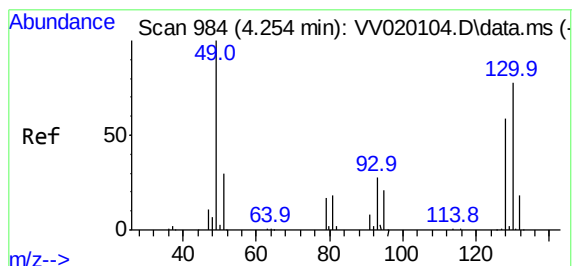
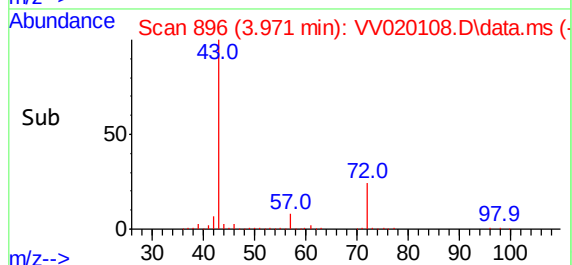
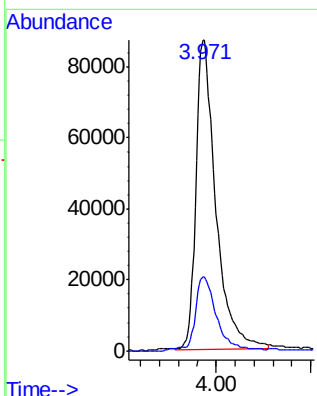
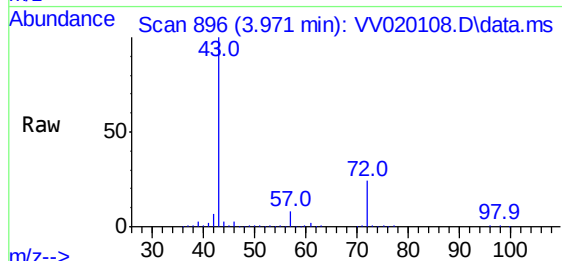




#22
2-Butanone
Concen: 108.45 ug/L
RT: 3.971 min Scan# 896
Delta R.T. -0.006 min
Lab File: VV020108.D
Acq: 21 Jan 2021 14:30

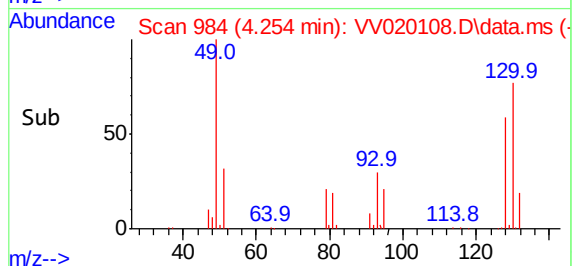
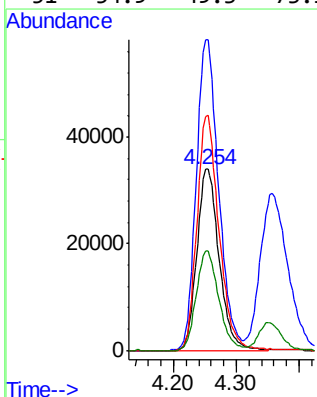
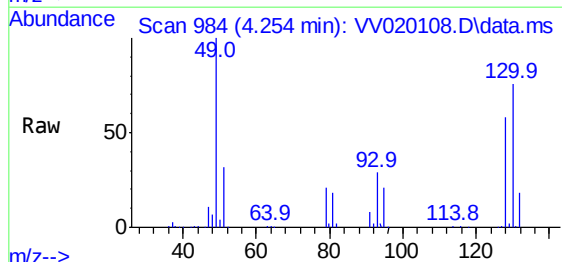
Instrument :
MSVOA_V
ClientSampleId :
VSTD05077

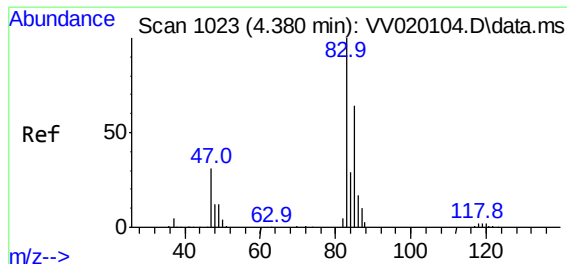
Tgt Ion: 43 Resp: 253799
Ion Ratio Lower Upper
43 100
72 24.0 12.2 36.6



#23
Bromochloromethane
Concen: 51.52 ug/L
RT: 4.254 min Scan# 984
Delta R.T. 0.000 min
Lab File: VV020108.D
Acq: 21 Jan 2021 14:30

Tgt Ion:128 Resp: 83111
Ion Ratio Lower Upper
128 100
49 171.7 133.1 247.1
130 130.1 89.0 165.4
51 54.9 49.3 73.9

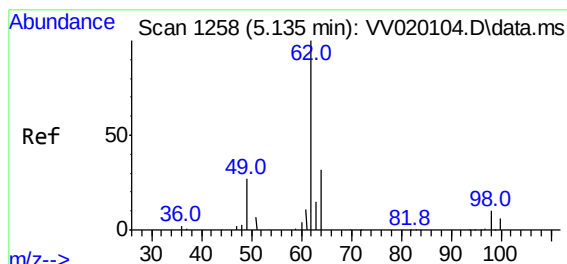
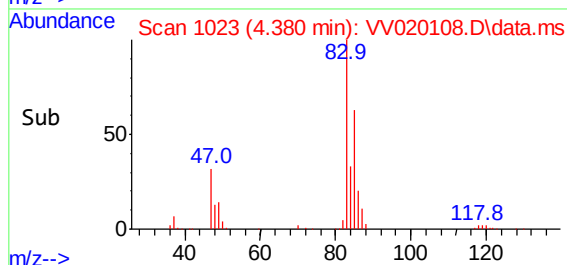
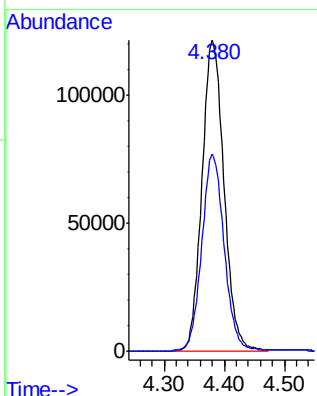
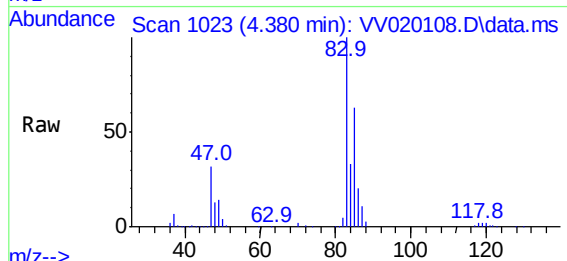




#25
Chloroform
Concen: 52.61 ug/L
RT: 4.380 min Scan# 1023
Delta R.T. 0.000 min
Lab File: VV020108.D
Acq: 21 Jan 2021 14:30

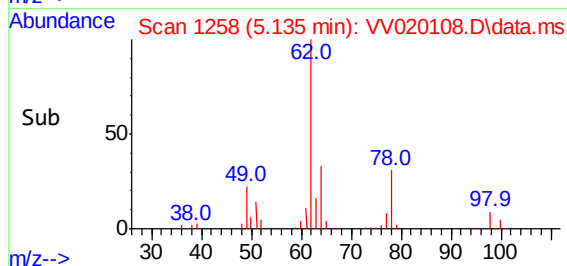
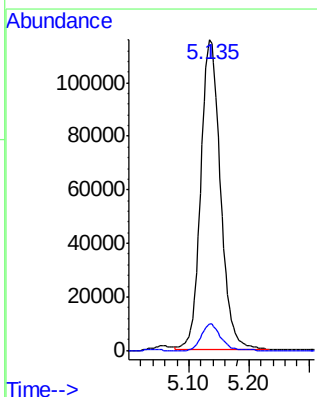
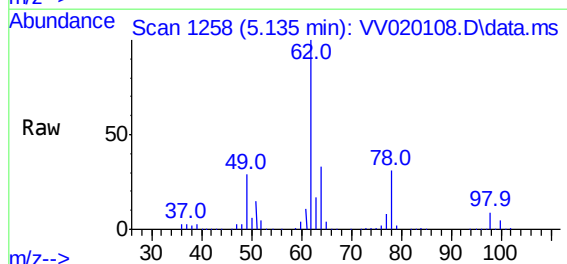
Instrument :
MSVOA_V
ClientSampleId :
VSTD05077

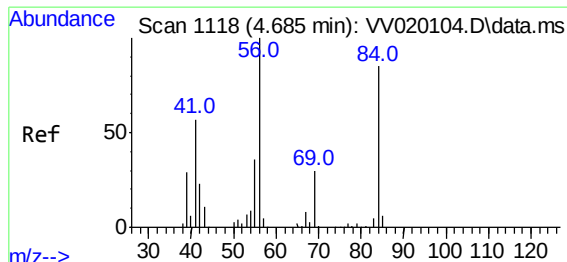
Tgt Ion: 83 Resp: 302591
Ion Ratio Lower Upper
83 100
85 63.2 44.2 82.2



#27
1,2-Dichloroethane
Concen: 52.79 ug/L
RT: 5.135 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VV020108.D
Acq: 21 Jan 2021 14:30

Tgt Ion: 62 Resp: 259142
Ion Ratio Lower Upper
62 100
98 8.6 6.9 10.3



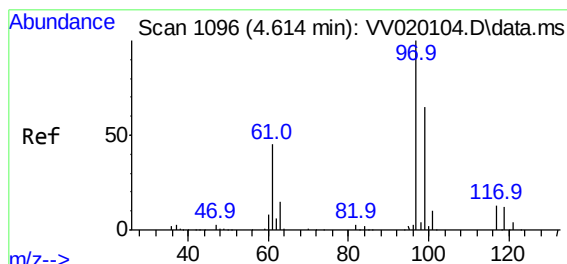
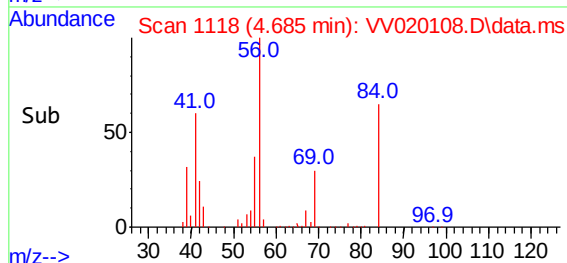
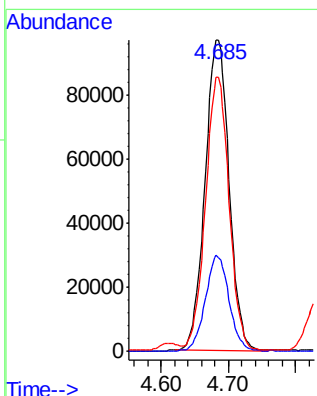
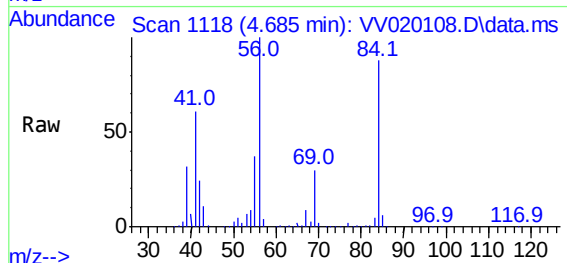


#29
Cyclohexane
Concen: 47.58 ug/L
RT: 4.685 min Scan# 1118
Delta R.T. 0.000 min
Lab File: VV020108.D
Acq: 21 Jan 2021 14:30

Instrument :
MSVOA_V
ClientSampleId :
VSTD05077

Tgt Ion: 56 Resp: 242288

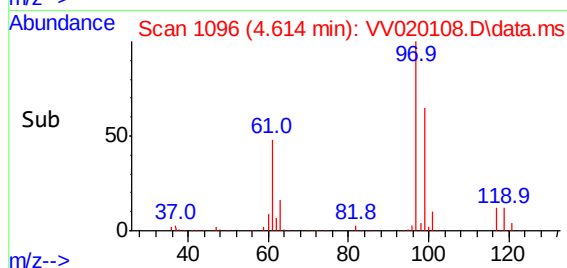
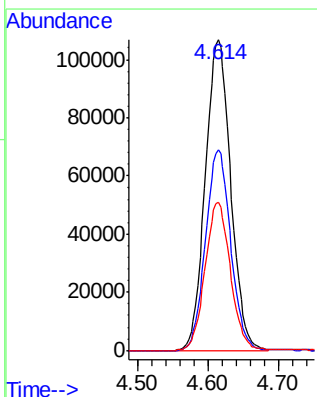
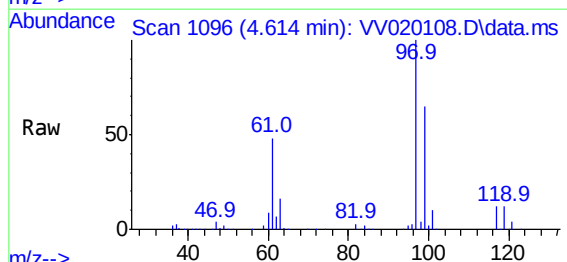
Ion	Ratio	Lower	Upper
56	100		
69	30.2	24.2	36.2
84	86.8	66.3	99.5

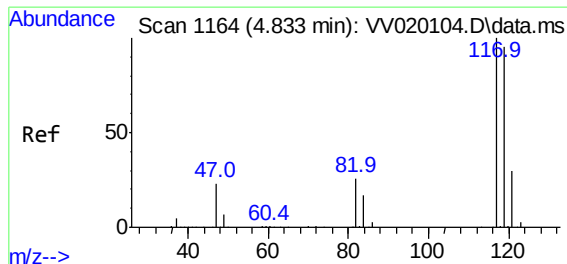


#30
1,1,1-Trichloroethane
Concen: 49.13 ug/L
RT: 4.614 min Scan# 1096
Delta R.T. 0.000 min
Lab File: VV020108.D
Acq: 21 Jan 2021 14:30

Tgt Ion: 97 Resp: 267554

Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.2	76.8
61	47.4	38.5	57.7

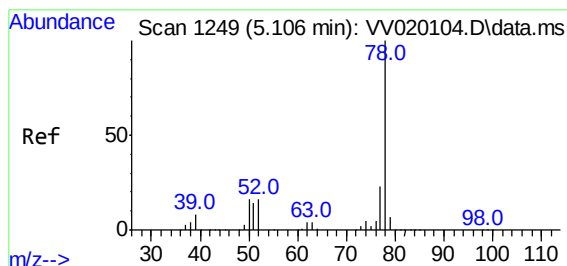
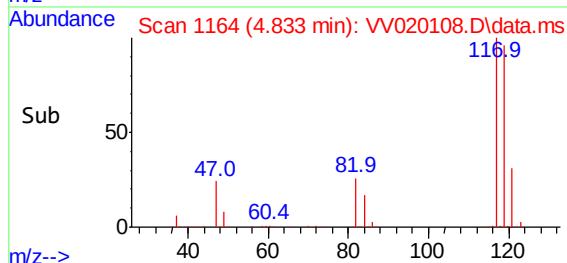
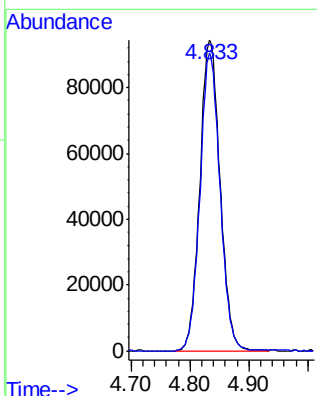
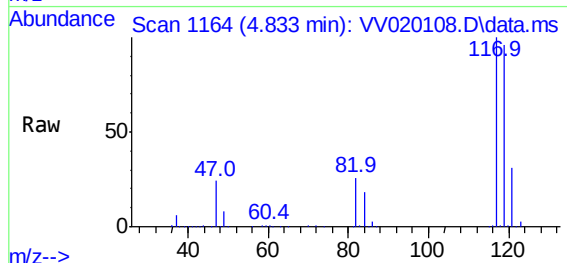




#31
Carbon tetrachloride
Concen: 48.04 ug/L
RT: 4.833 min Scan# 1164
Delta R.T. 0.000 min
Lab File: VV020108.D
Acq: 21 Jan 2021 14:30

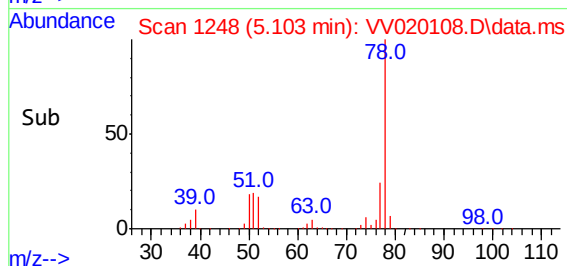
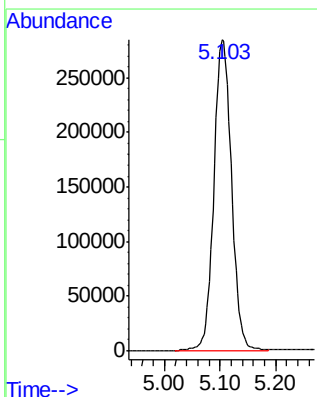
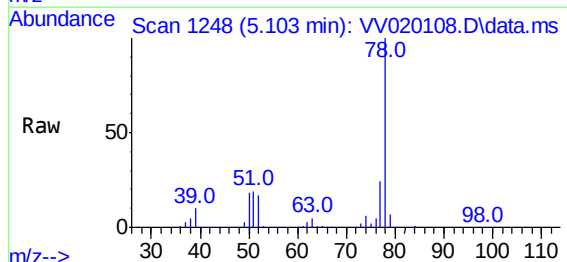
Instrument :
MSVOA_V
ClientSampled :
VSTD05077

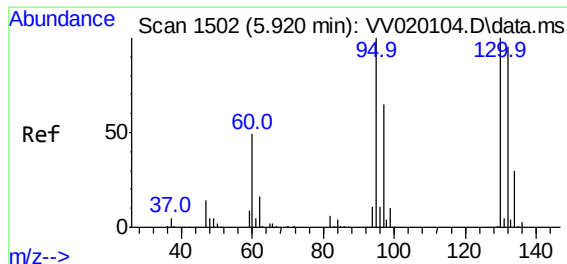
Tgt Ion:117 Resp: 225001
Ion Ratio Lower Upper
117 100
119 95.2 76.3 114.5



#33
Benzene
Concen: 47.67 ug/L
RT: 5.103 min Scan# 1248
Delta R.T. -0.003 min
Lab File: VV020108.D
Acq: 21 Jan 2021 14:30

Tgt Ion: 78 Resp: 627026



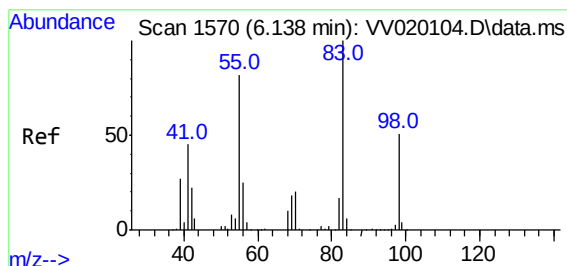
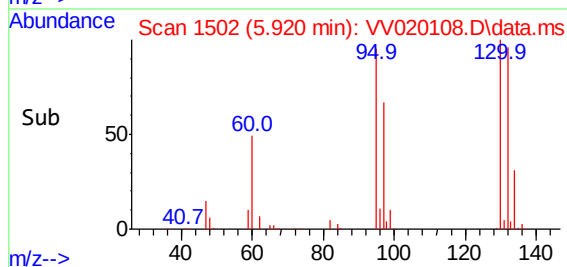
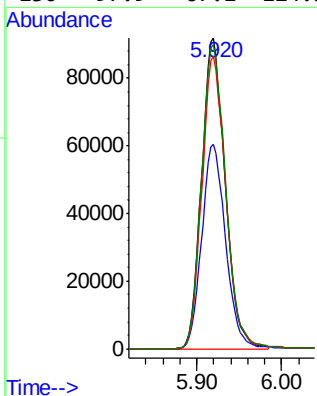
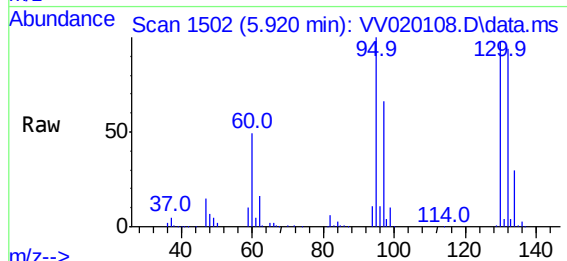


#34
Trichloroethene
Concen: 47.29 ug/L
RT: 5.920 min Scan# 1502
Delta R.T. 0.000 min
Lab File: VV020108.D
Acq: 21 Jan 2021 14:30

Instrument :
MSVOA_V
ClientSampleId :
VSTD05077

Tgt Ion: 95 Resp: 175901

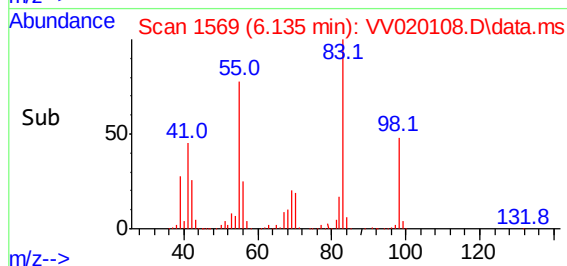
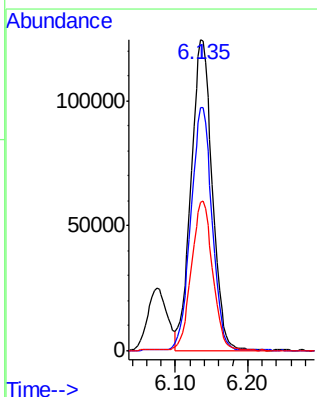
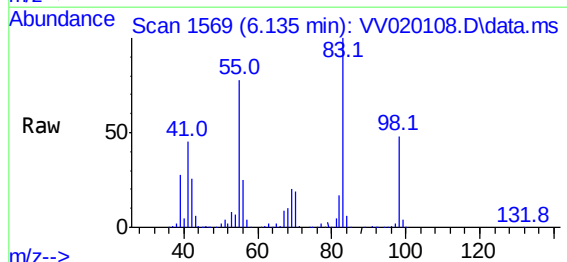
Ion	Ratio	Lower	Upper
95	100		
97	65.9	44.5	82.7
132	94.1	63.4	117.8
130	97.9	67.1	124.5

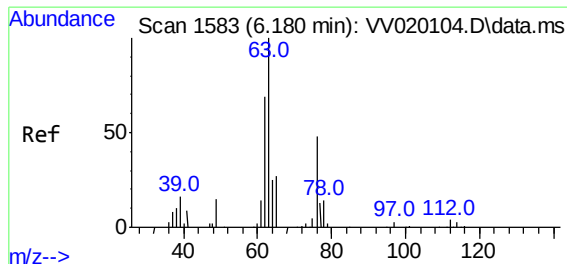


#35
Methylcyclohexane
Concen: 47.67 ug/L
RT: 6.135 min Scan# 1569
Delta R.T. -0.003 min
Lab File: VV020108.D
Acq: 21 Jan 2021 14:30

Tgt Ion: 83 Resp: 253254

Ion	Ratio	Lower	Upper
83	100		
55	78.3	65.1	97.7
98	48.4	38.2	57.2

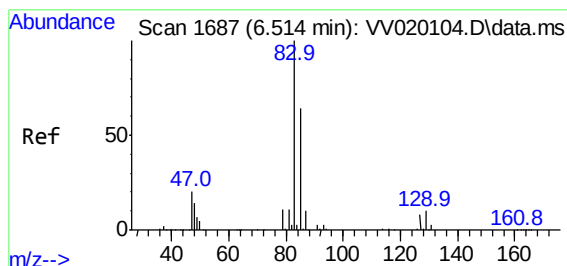
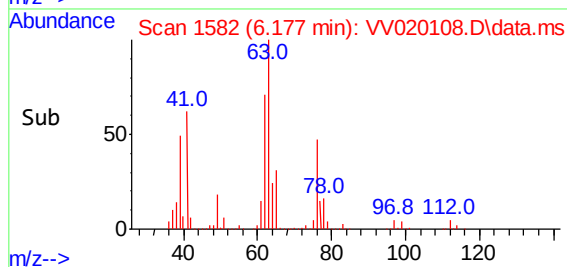
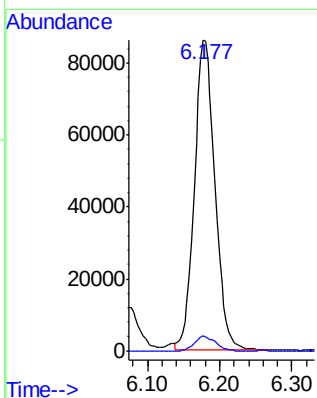
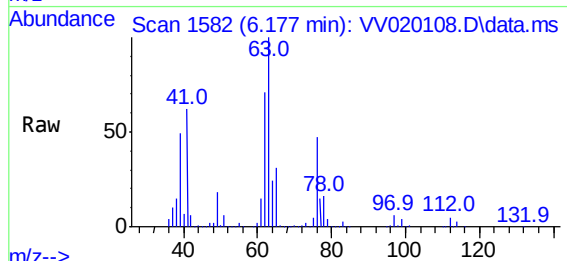




#37
1,2-Dichloropropane
Concen: 49.43 ug/L
RT: 6.177 min Scan# 1582
Delta R.T. -0.003 min
Lab File: VV020108.D
Acq: 21 Jan 2021 14:30

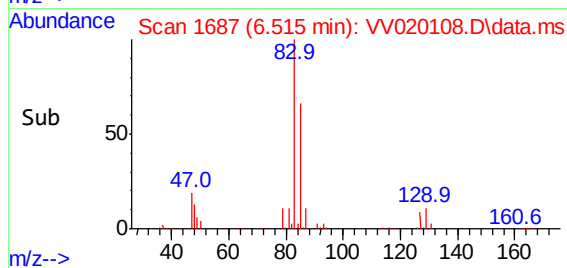
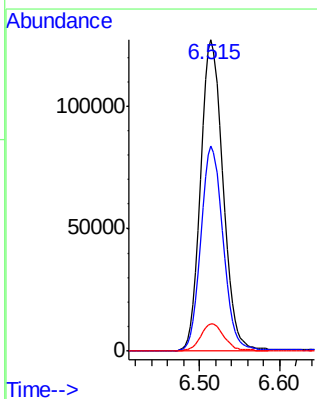
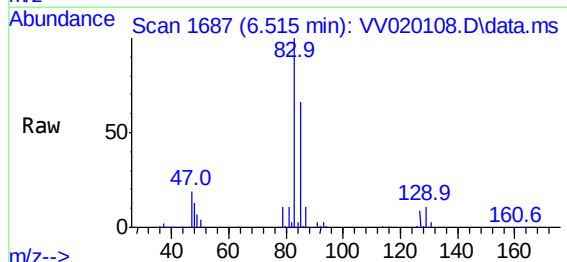
Instrument :
MSVOA_V
ClientSampleId :
VSTD05077

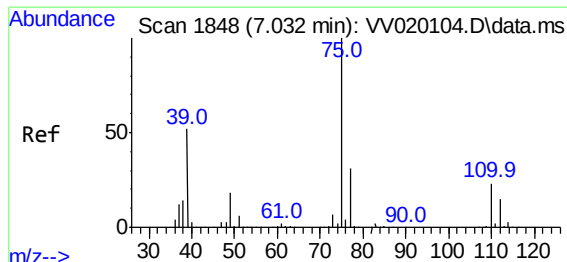
Tgt Ion: 63 Resp: 169958
Ion Ratio Lower Upper
63 100
112 4.8 3.3 4.9



#38
Bromodichloromethane
Concen: 50.36 ug/L
RT: 6.515 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VV020108.D
Acq: 21 Jan 2021 14:30

Tgt Ion: 83 Resp: 237140
Ion Ratio Lower Upper
83 100
85 65.7 44.5 82.7
127 8.6 6.3 9.5

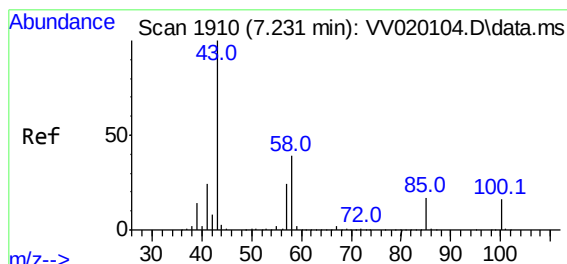
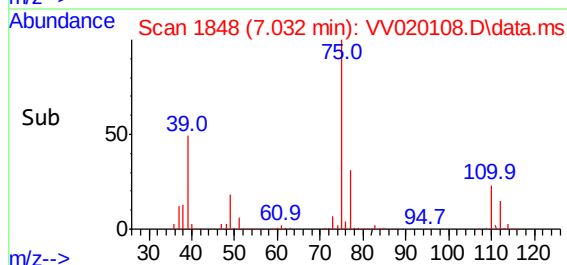
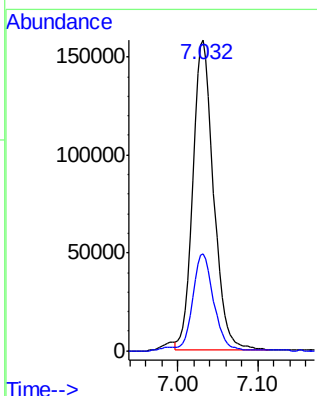
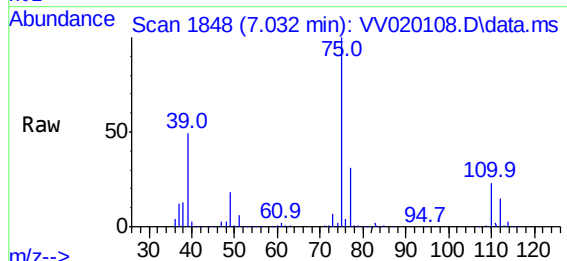




#39
 cis-1,3-Dichloropropene
 Concen: 52.35 ug/L
 RT: 7.032 min Scan# 1848
 Delta R.T. 0.000 min
 Lab File: VV020108.D
 Acq: 21 Jan 2021 14:30

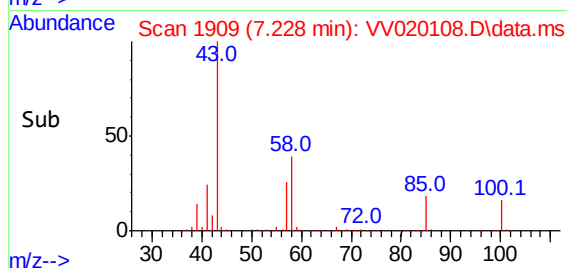
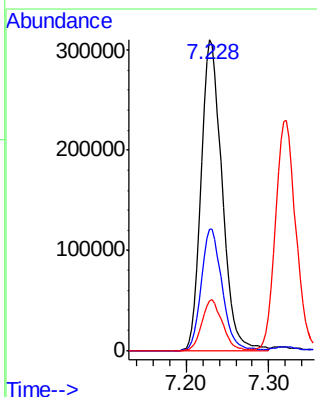
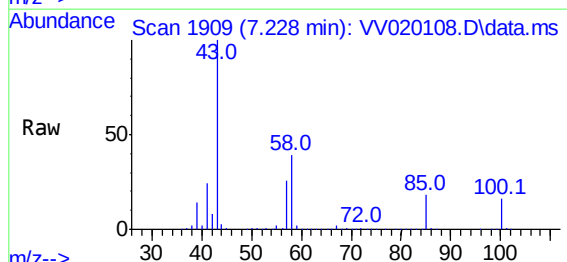
Instrument :
 MSVOA_V
 ClientSampled :
 VSTD05077

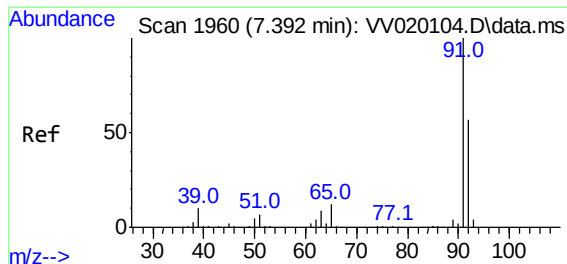
Tgt Ion: 75 Resp: 278251
 Ion Ratio Lower Upper
 75 100
 77 31.3 21.8 40.6



#40
 4-Methyl-2-pentanone
 Concen: 105.44 ug/L
 RT: 7.228 min Scan# 1909
 Delta R.T. -0.003 min
 Lab File: VV020108.D
 Acq: 21 Jan 2021 14:30

Tgt Ion: 43 Resp: 543251
 Ion Ratio Lower Upper
 43 100
 58 39.0 30.7 46.1
 100 15.9 11.6 17.4

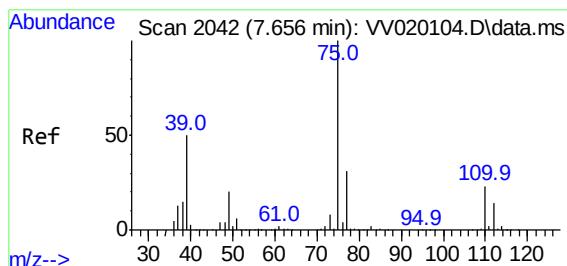
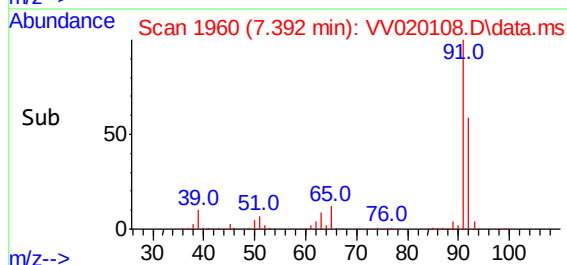
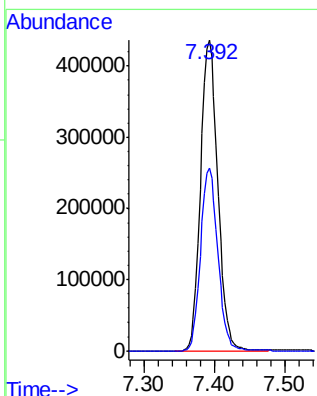
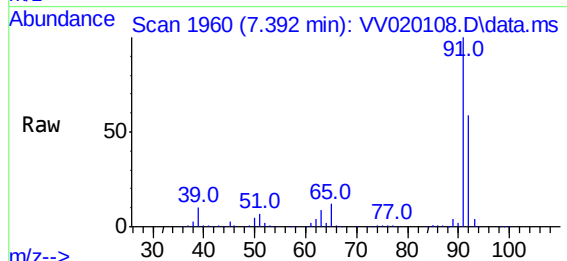




#42
Toluene
Concen: 52.86 ug/L
RT: 7.392 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VV020108.D
Acq: 21 Jan 2021 14:30

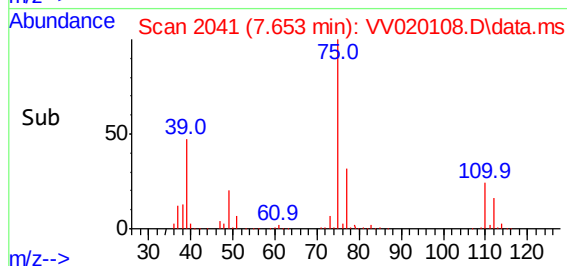
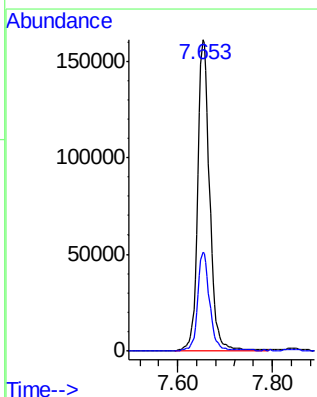
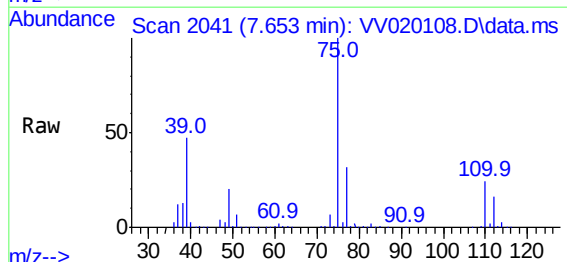
Instrument :
MSVOA_V
ClientSampleId :
VSTD05077

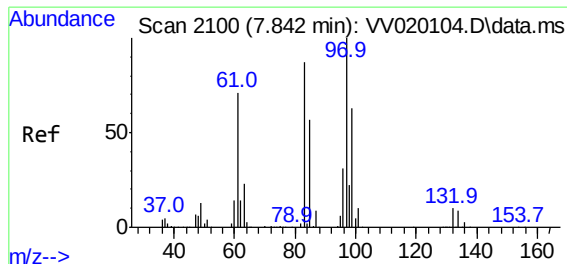
Tgt Ion: 91 Resp: 737714
Ion Ratio Lower Upper
91 100
92 58.6 40.7 75.7



#44
trans-1,3-Dichloropropene
Concen: 55.67 ug/L
RT: 7.653 min Scan# 2041
Delta R.T. -0.003 min
Lab File: VV020108.D
Acq: 21 Jan 2021 14:30

Tgt Ion: 75 Resp: 280752
Ion Ratio Lower Upper
75 100
77 31.6 22.0 41.0



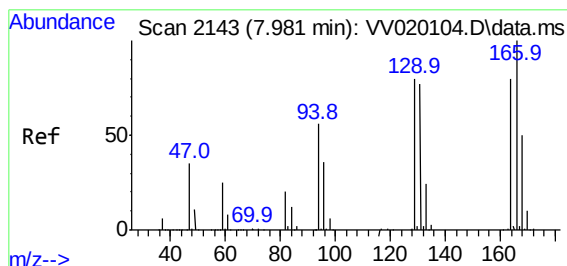
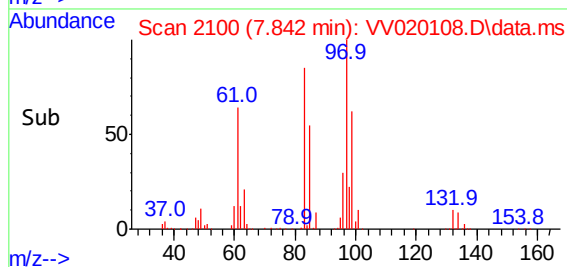
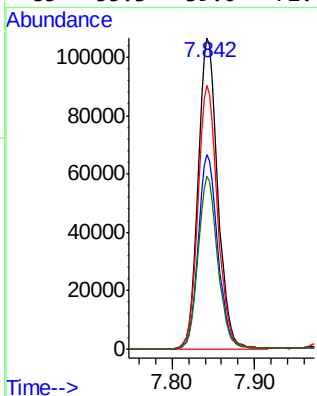
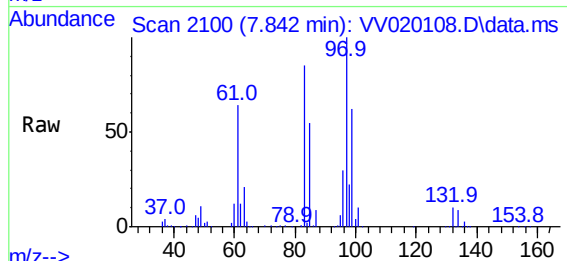


#45
1,1,2-Trichloroethane
Concen: 52.51 ug/L
RT: 7.842 min Scan# 2100
Delta R.T. 0.000 min
Lab File: VV020108.D
Acq: 21 Jan 2021 14:30

Instrument :
MSVOA_V
ClientSampleId :
VSTD05077

Tgt Ion: 97 Resp: 177767

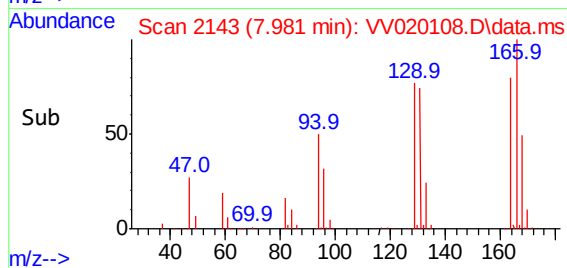
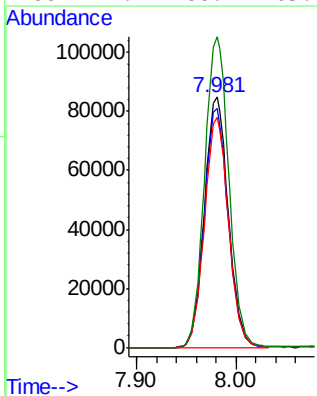
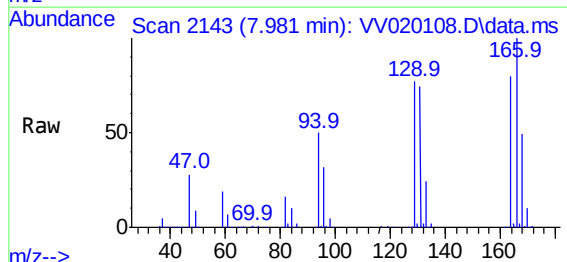
Ion	Ratio	Lower	Upper
97	100		
99	62.4	43.8	81.3
83	84.8	62.2	115.4
85	55.3	39.0	72.4

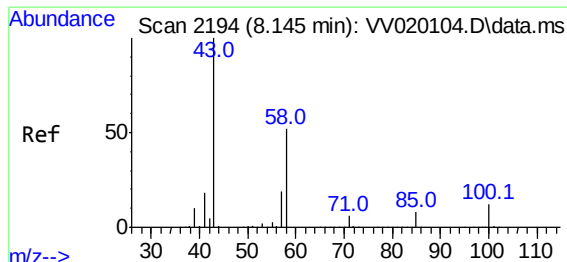


#46
Tetrachloroethene
Concen: 51.00 ug/L
RT: 7.981 min Scan# 2143
Delta R.T. 0.000 min
Lab File: VV020108.D
Acq: 21 Jan 2021 14:30

Tgt Ion: 164 Resp: 141585

Ion	Ratio	Lower	Upper
164	100		
129	95.6	70.6	131.0
131	91.8	66.8	124.0
166	124.2	88.2	163.8



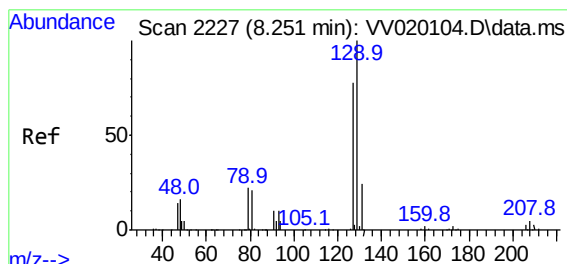
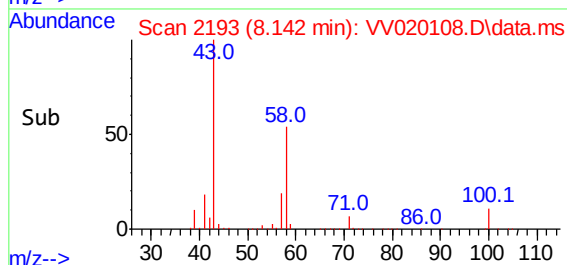
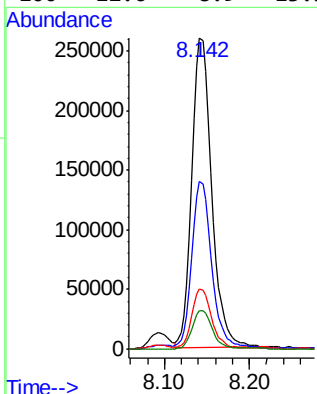
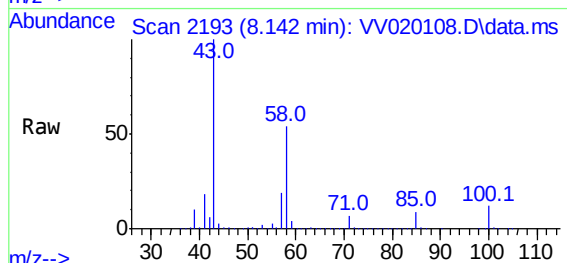


#48
2-Hexanone
Concen: 105.98 ug/L
RT: 8.142 min Scan# 2193
Delta R.T. -0.003 min
Lab File: VV020108.D
Acq: 21 Jan 2021 14:30

Instrument :
MSVOA_V
ClientSampleId :
VSTD05077

Tgt Ion: 43 Resp: 422743

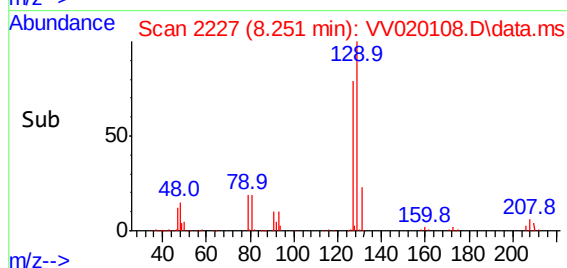
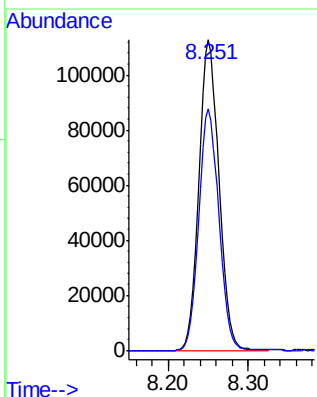
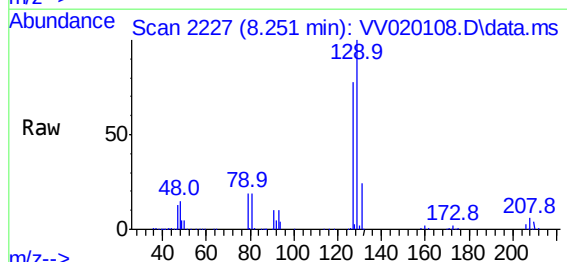
Ion	Ratio	Lower	Upper
43	100		
58	54.4	41.8	62.6
57	19.2	15.0	22.4
100	12.6	8.9	13.3

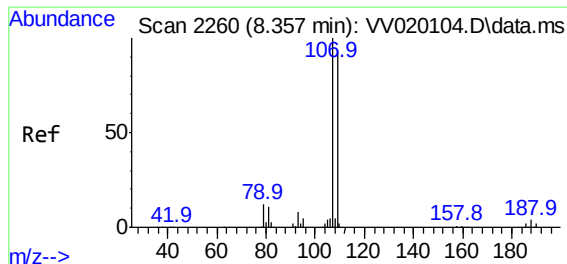


#49
Dibromochloromethane
Concen: 51.59 ug/L
RT: 8.251 min Scan# 2227
Delta R.T. 0.000 min
Lab File: VV020108.D
Acq: 21 Jan 2021 14:30

Tgt Ion: 129 Resp: 188751

Ion	Ratio	Lower	Upper
129	100		
127	77.7	55.2	102.6

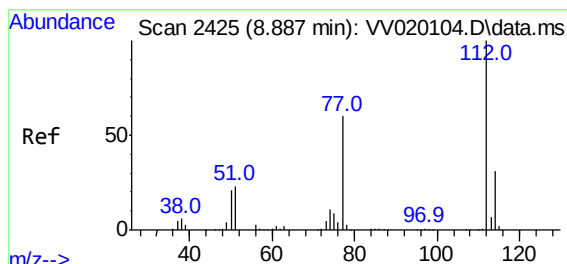
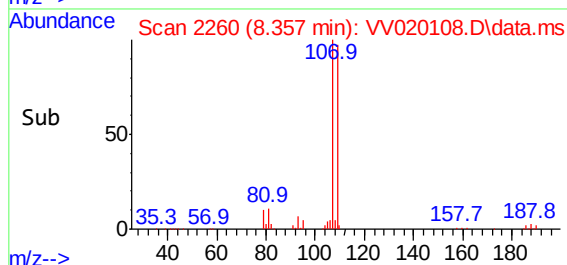
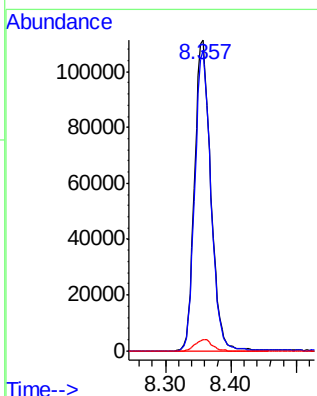
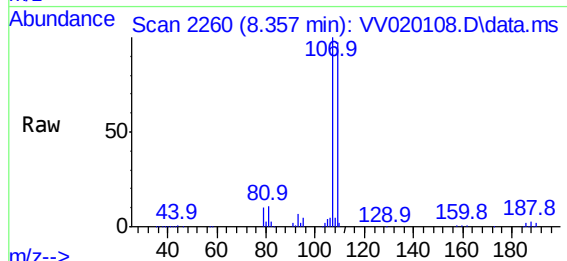




#50
1,2-Dibromoethane
Concen: 51.18 ug/L
RT: 8.357 min Scan# 2260
Delta R.T. 0.000 min
Lab File: VV020108.D
Acq: 21 Jan 2021 14:30

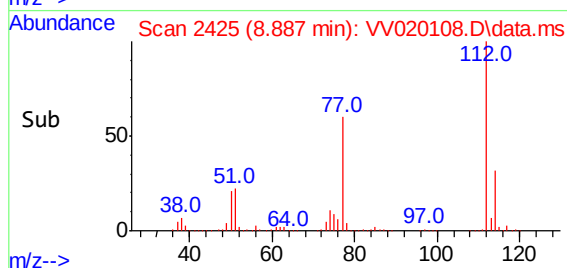
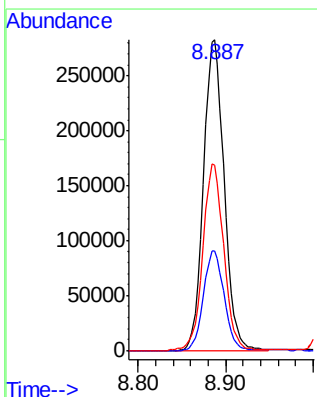
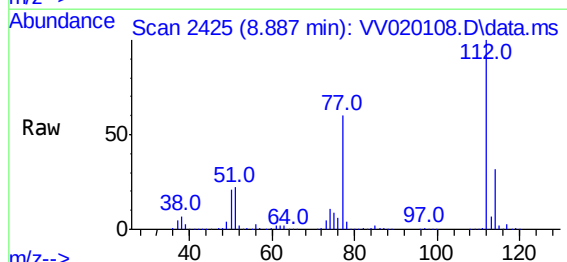
Instrument :
MSVOA_V
ClientSampled :
VSTD05077

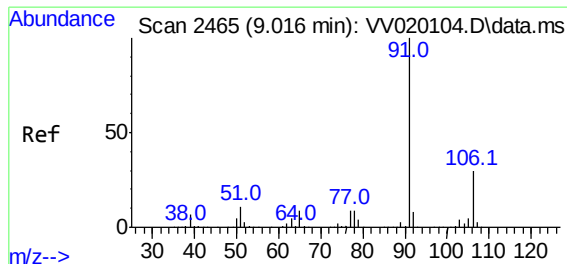
Tgt Ion:107 Resp: 189345
Ion Ratio Lower Upper
107 100
109 96.9 66.2 123.0
188 3.5 2.6 3.8



#51
Chlorobenzene
Concen: 50.32 ug/L
RT: 8.887 min Scan# 2425
Delta R.T. 0.000 min
Lab File: VV020108.D
Acq: 21 Jan 2021 14:30

Tgt Ion:112 Resp: 461662
Ion Ratio Lower Upper
112 100
114 32.2 22.2 41.2
77 59.5 49.0 73.6

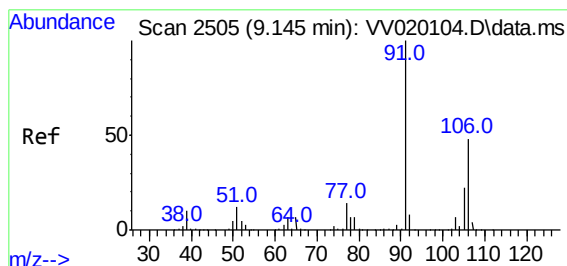
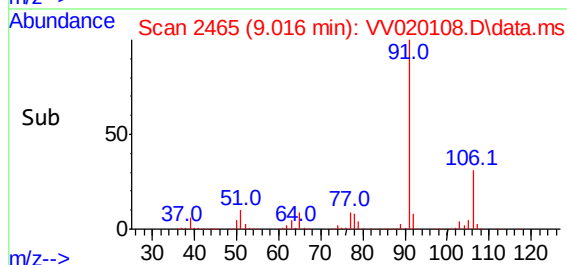
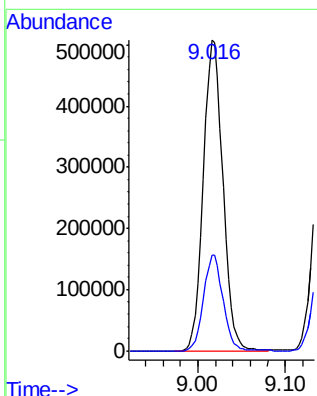
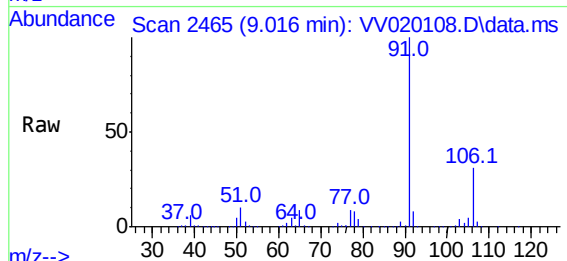




#52
Ethylbenzene
Concen: 51.32 ug/L
RT: 9.016 min Scan# 2465
Delta R.T. 0.000 min
Lab File: VV020108.D
Acq: 21 Jan 2021 14:30

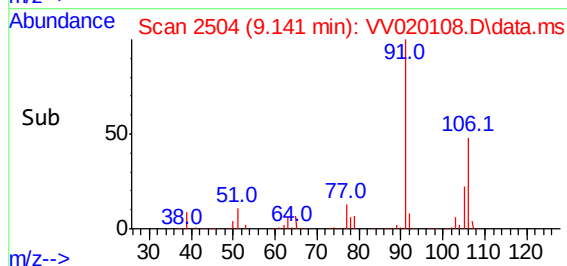
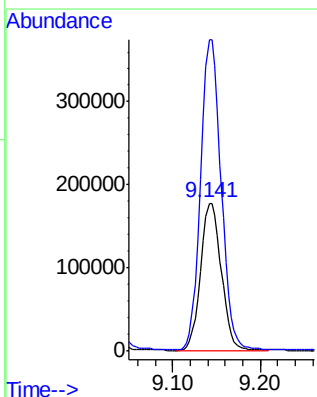
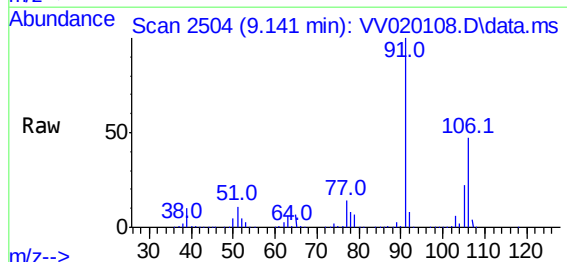
Instrument :
MSVOA_V
ClientSampleId :
VSTD05077

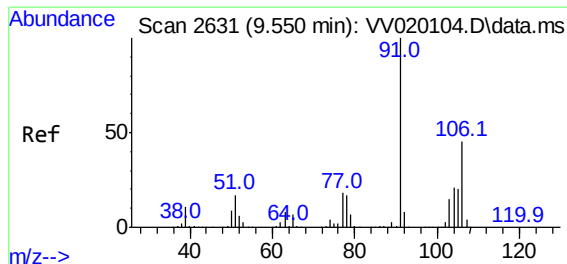
Tgt Ion: 91 Resp: 788638
Ion Ratio Lower Upper
91 100
106 30.8 21.0 39.0



#53
m,p-Xylene
Concen: 51.88 ug/L
RT: 9.141 min Scan# 2504
Delta R.T. -0.003 min
Lab File: VV020108.D
Acq: 21 Jan 2021 14:30

Tgt Ion: 106 Resp: 290297
Ion Ratio Lower Upper
106 100
91 210.7 148.1 275.0

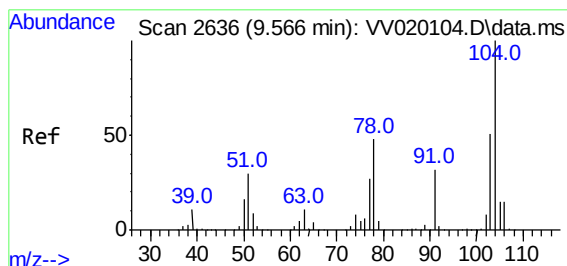
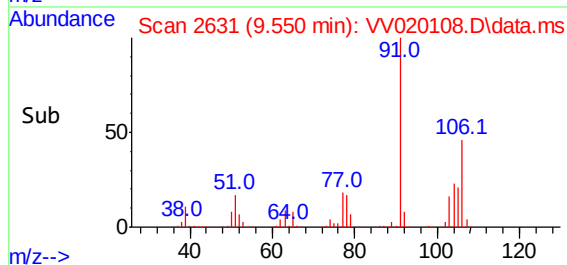
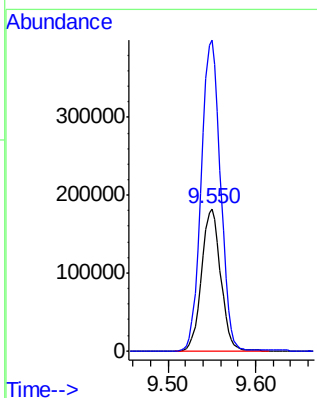
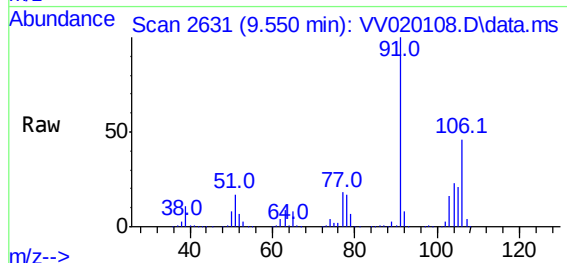




#54
o-xylene
Concen: 48.75 ug/L
RT: 9.550 min Scan# 2631
Delta R.T. 0.000 min
Lab File: VV020108.D
Acq: 21 Jan 2021 14:30

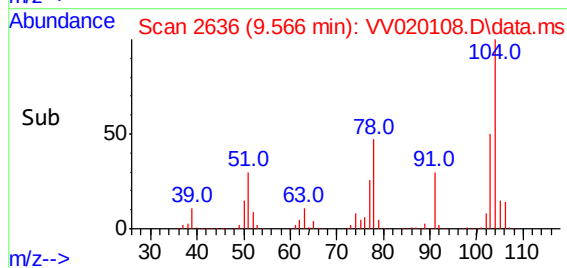
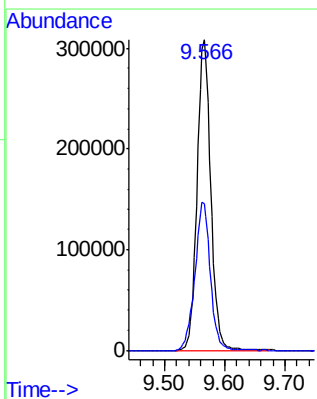
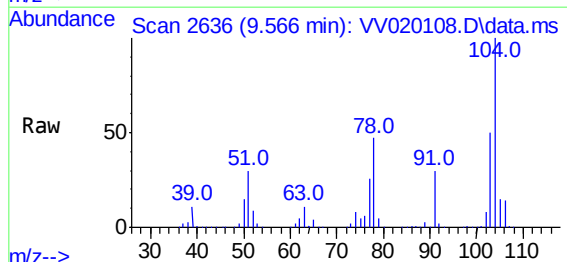
Instrument :
MSVOA_V
ClientSampleId :
VSTD05077

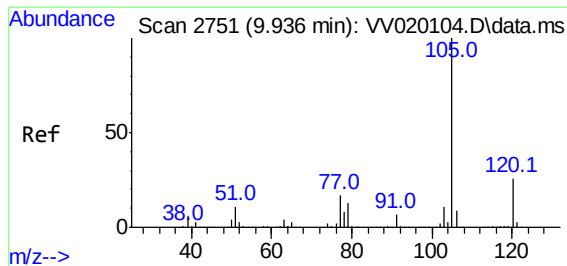
Tgt Ion:106 Resp: 274323
Ion Ratio Lower Upper
106 100
91 218.5 156.4 290.6



#55
Styrene
Concen: 49.26 ug/L
RT: 9.566 min Scan# 2636
Delta R.T. 0.000 min
Lab File: VV020108.D
Acq: 21 Jan 2021 14:30

Tgt Ion:104 Resp: 484996
Ion Ratio Lower Upper
104 100
78 47.1 33.7 62.5

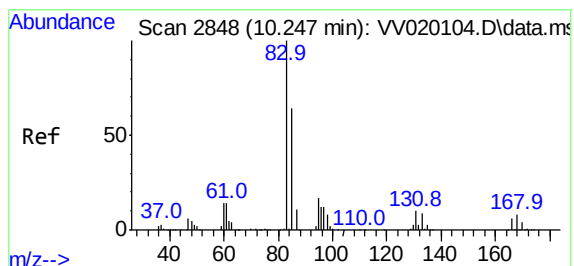
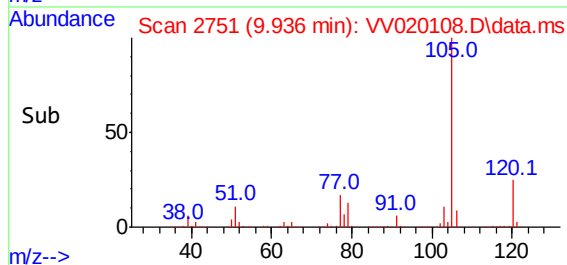
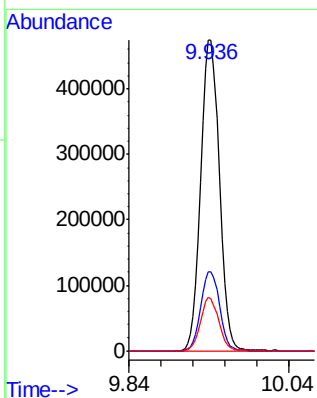
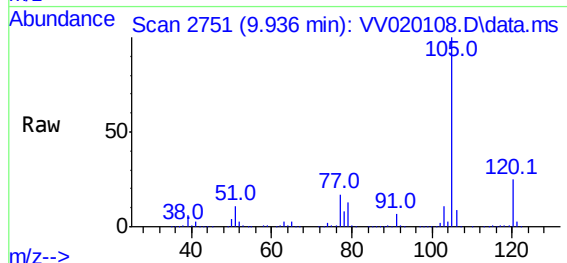




#56
Isopropylbenzene
Concen: 48.96 ug/L
RT: 9.936 min Scan# 2751
Delta R.T. 0.000 min
Lab File: VV020108.D
Acq: 21 Jan 2021 14:30

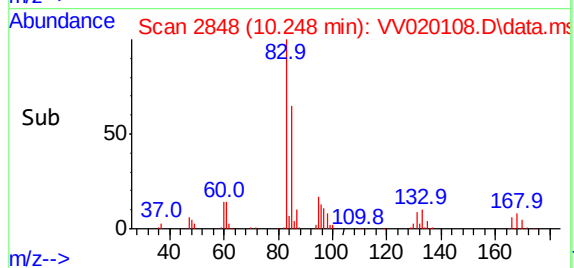
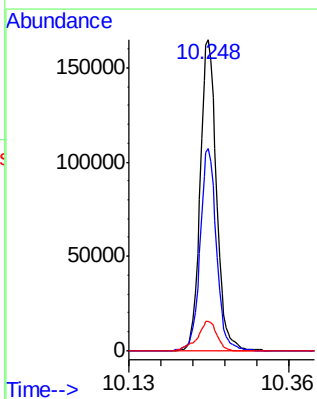
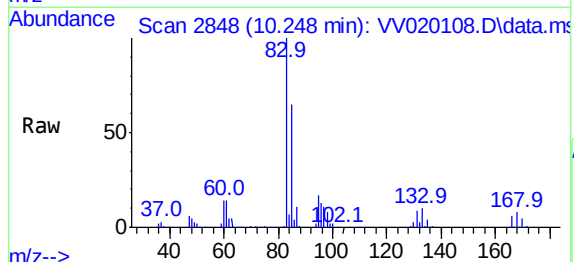
Instrument :
MSVOA_V
ClientSampleId :
VSTD05077

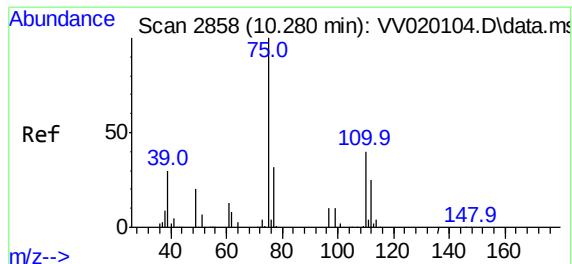
Tgt Ion:105 Resp: 735678
Ion Ratio Lower Upper
105 100
120 25.8 20.5 30.7
77 16.8 13.6 20.4



#58
1,1,2,2-Tetrachloroethane
Concen: 52.73 ug/L
RT: 10.248 min Scan# 2848
Delta R.T. 0.001 min
Lab File: VV020108.D
Acq: 21 Jan 2021 14:30

Tgt Ion: 83 Resp: 269016
Ion Ratio Lower Upper
83 100
85 65.2 44.3 82.3
131 9.5 7.3 10.9

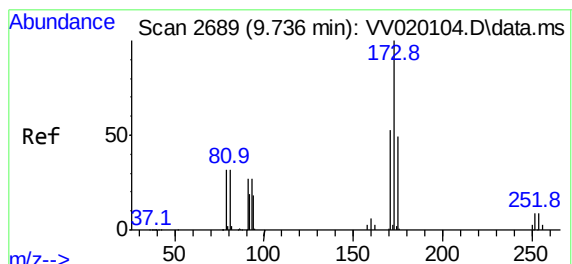
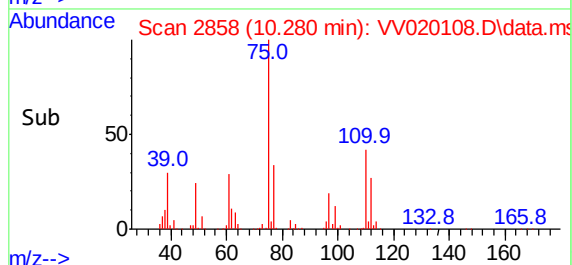
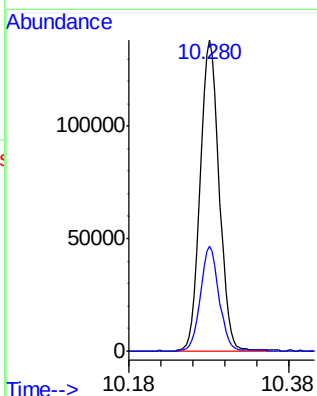
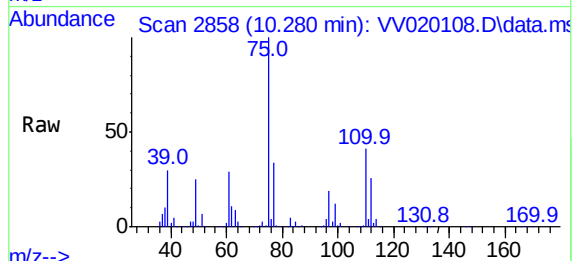




#59
1,2,3-Trichloropropane
Concen: 48.93 ug/L
RT: 10.280 min Scan# 2858
Delta R.T. -0.000 min
Lab File: VV020108.D
Acq: 21 Jan 2021 14:30

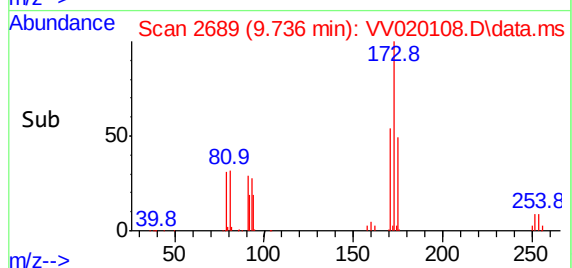
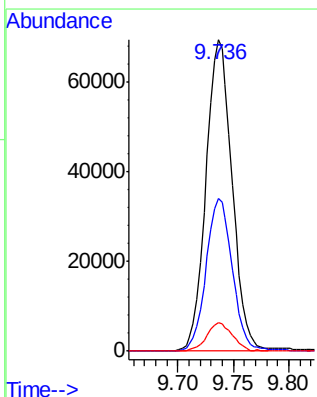
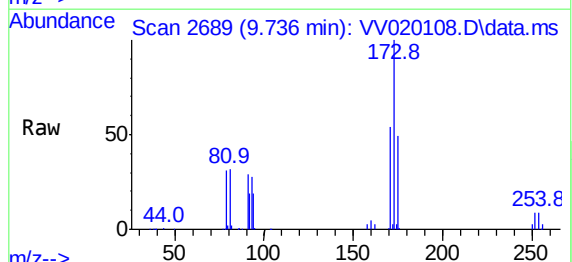
Instrument :
MSVOA_V
ClientSampleId :
VSTD05077

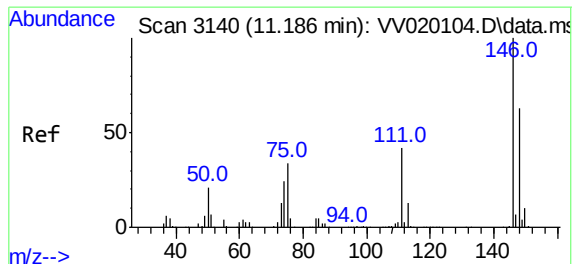
Tgt Ion: 75 Resp: 222221
Ion Ratio Lower Upper
75 100
77 32.7 25.4 38.0



#61
Bromoform
Concen: 44.37 ug/L
RT: 9.736 min Scan# 2689
Delta R.T. 0.000 min
Lab File: VV020108.D
Acq: 21 Jan 2021 14:30

Tgt Ion:173 Resp: 112950
Ion Ratio Lower Upper
173 100
175 48.9 38.6 57.8
254 8.6 6.5 9.7

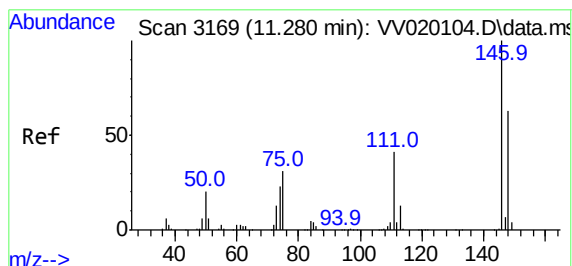
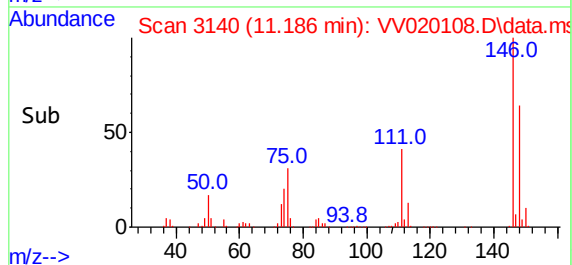
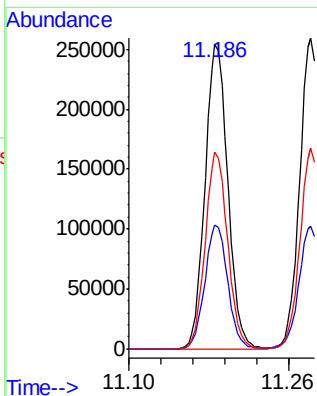
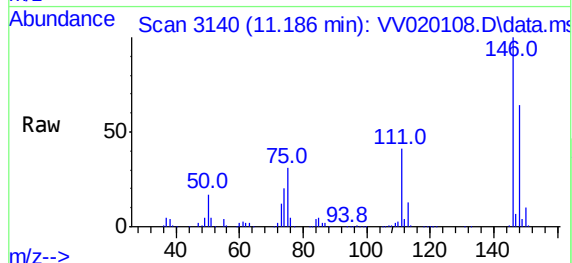




#62
1,3-Dichlorobenzene
Concen: 51.09 ug/L
RT: 11.186 min Scan# 3140
Delta R.T. 0.000 min
Lab File: VV020108.D
Acq: 21 Jan 2021 14:30

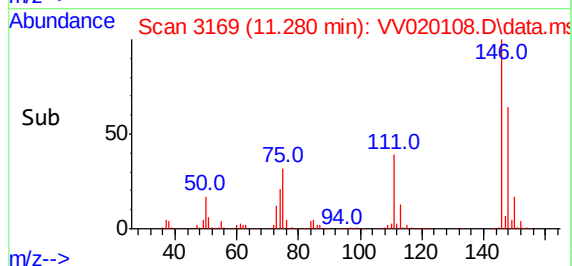
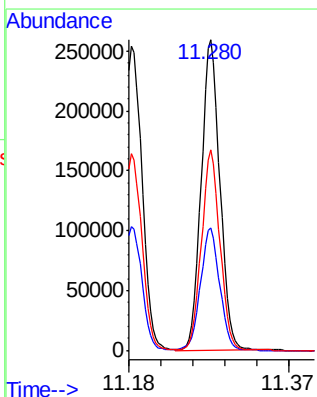
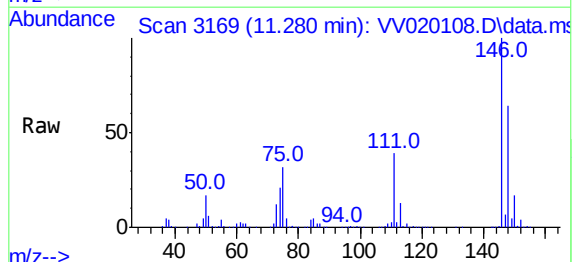
Instrument :
MSVOA_V
ClientSampleId :
VSTD05077

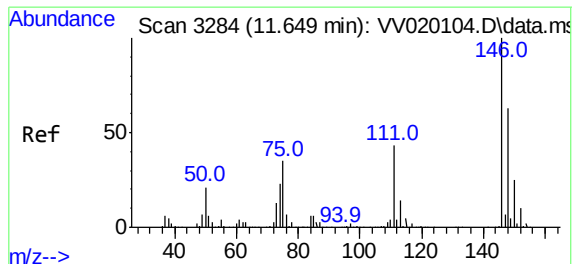
Tgt Ion:146 Resp: 389293
Ion Ratio Lower Upper
146 100
111 40.6 30.2 56.2
148 64.5 45.0 83.6



#63
1,4-Dichlorobenzene
Concen: 49.71 ug/L
RT: 11.280 min Scan# 3169
Delta R.T. -0.000 min
Lab File: VV020108.D
Acq: 21 Jan 2021 14:30

Tgt Ion:146 Resp: 394657
Ion Ratio Lower Upper
146 100
111 39.4 29.4 54.6
148 64.5 44.7 83.1

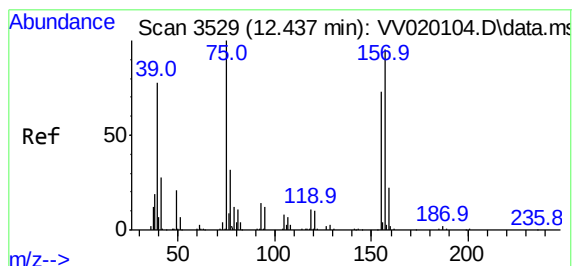
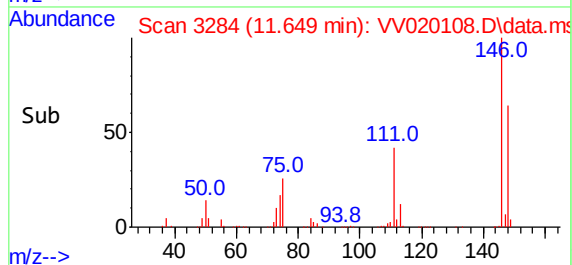
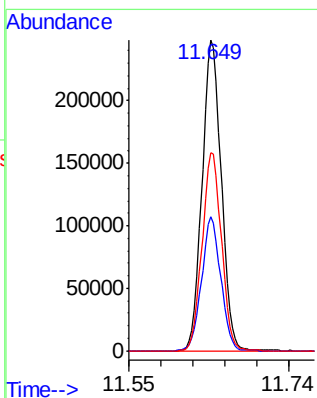
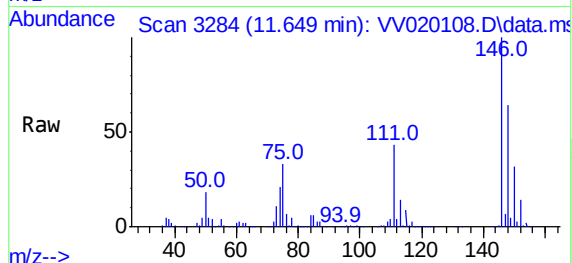




#65
1,2-Dichlorobenzene
Concen: 50.33 ug/L
RT: 11.649 min Scan# 3284
Delta R.T. 0.000 min
Lab File: VV020108.D
Acq: 21 Jan 2021 14:30

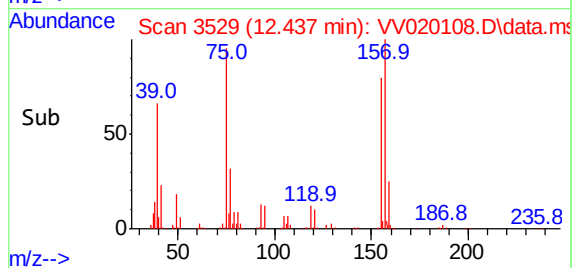
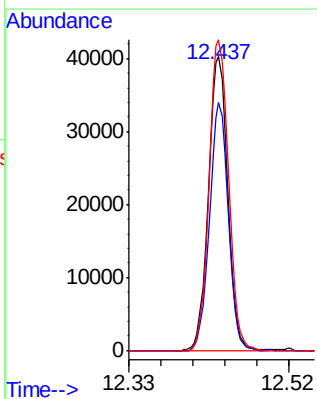
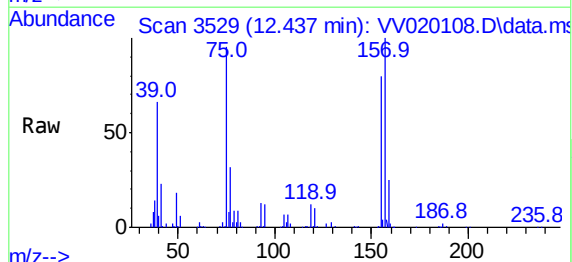
Instrument :
MSVOA_V
ClientSampleId :
VSTD05077

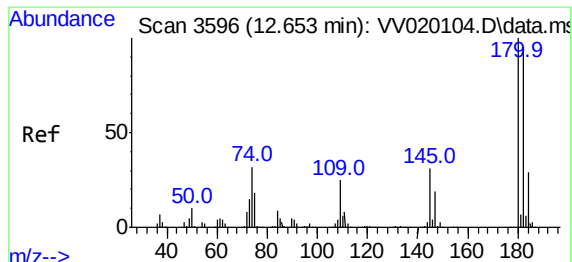
Tgt Ion:146 Resp: 388551
Ion Ratio Lower Upper
146 100
111 43.2 36.3 54.5
148 63.9 51.7 77.5



#66
1,2-Dibromo-3-chloropropane
Concen: 49.41 ug/L
RT: 12.437 min Scan# 3529
Delta R.T. 0.000 min
Lab File: VV020108.D
Acq: 21 Jan 2021 14:30

Tgt Ion: 75 Resp: 63224
Ion Ratio Lower Upper
75 100
155 84.1 59.1 88.7
157 105.4 75.4 113.0

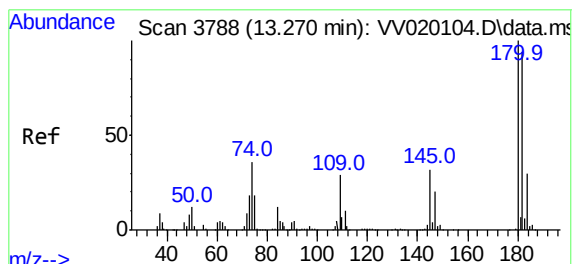
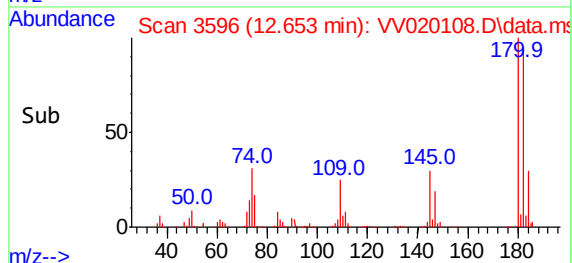
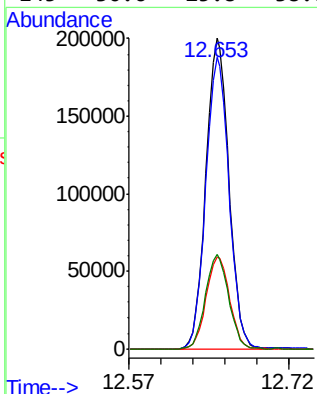
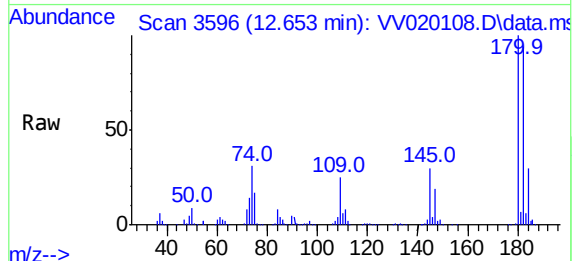




#67
1,3,5-Trichlorobenzene
Concen: 50.14 ug/L
RT: 12.653 min Scan# 3596
Delta R.T. 0.000 min
Lab File: VV020108.D
Acq: 21 Jan 2021 14:30

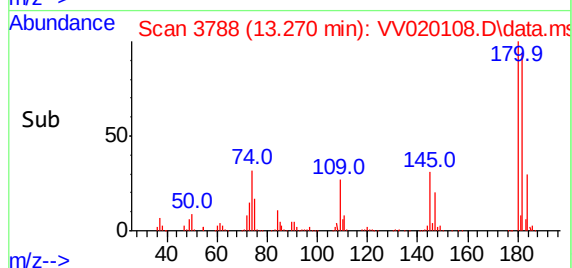
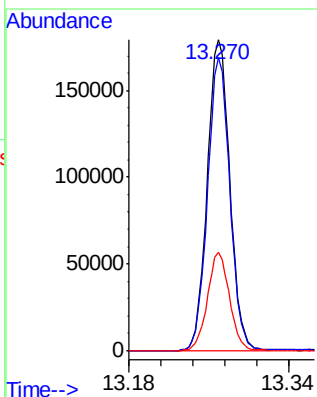
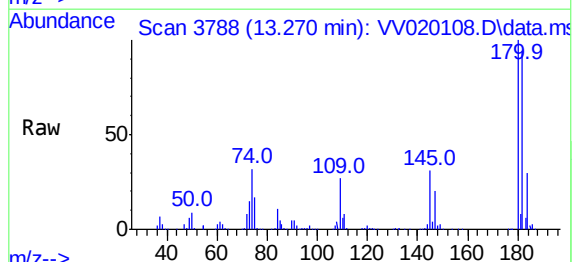
Instrument :
MSVOA_V
ClientSampleId :
VSTD05077

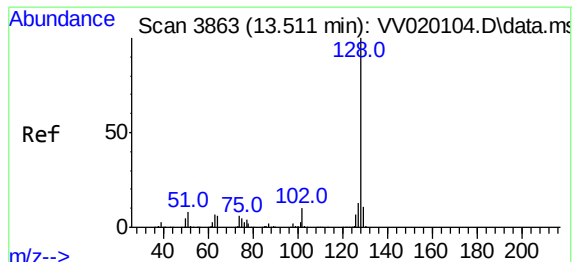
Tgt Ion:180 Resp: 295975
Ion Ratio Lower Upper
180 100
182 95.1 75.0 112.6
184 30.2 24.0 36.0
145 30.6 25.8 38.6



#68
1,2,4-trichlorobenzene
Concen: 52.02 ug/L
RT: 13.270 min Scan# 3788
Delta R.T. 0.000 min
Lab File: VV020108.D
Acq: 21 Jan 2021 14:30

Tgt Ion:180 Resp: 271182
Ion Ratio Lower Upper
180 100
182 93.2 75.1 112.7
145 30.7 26.8 40.2

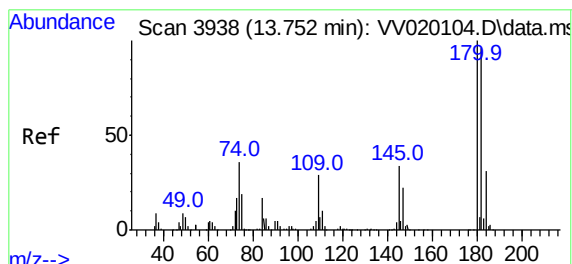
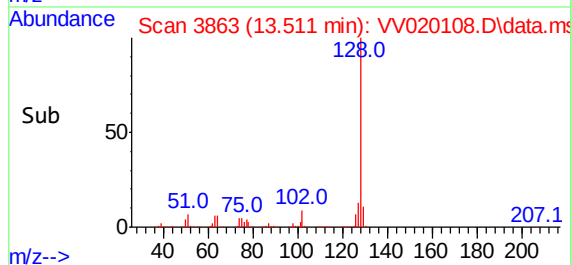
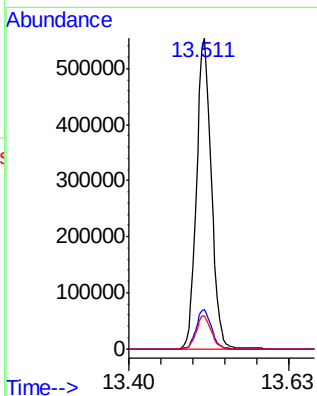
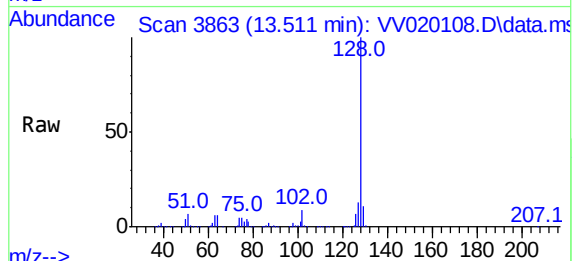




#69
Naphthalene
Concen: 54.92 ug/L
RT: 13.511 min Scan# 3863
Delta R.T. 0.000 min
Lab File: VV020108.D
Acq: 21 Jan 2021 14:30

Instrument :
MSVOA_V
ClientSampleId :
VSTD05077

Tgt Ion:128 Resp: 830683
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.7 8.6 13.0



#70
1,2,3-Trichlorobenzene
Concen: 53.19 ug/L
RT: 13.752 min Scan# 3938
Delta R.T. 0.000 min
Lab File: VV020108.D
Acq: 21 Jan 2021 14:30

Tgt Ion:180 Resp: 272615
Ion Ratio Lower Upper
180 100
182 93.9 76.1 114.1
145 33.2 27.9 41.9

