

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012021\
 Data File : VW020077.D
 Acq On : 20 Jan 2021 15:09
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05074

Quant Time: Jan 20 23:33:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012021WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 20 14:20:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	342428	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.858	117	327190	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.257	152	187726	50.00	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.309	65	111574	51.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	103.88%
7) Chloroethane-d5	1.569	69	85814	51.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.64%
11) 1,1-Dichloroethene-d2	2.110	63	217545	50.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.40%
21) 2-Butanone-d5	3.894	46	163293	109.07	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.07%
24) Chloroform-d	4.354	84	245572	51.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.38%
26) 1,2-Dichloroethane-d4	5.035	65	164131	51.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.20%
32) Benzene-d6	5.055	84	447809	51.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.52%
36) 1,2-Dichloropropane-d6	6.074	67	133337	52.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.48%
41) Toluene-d8	7.322	98	424082	52.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.16%
43) trans-1,3-Dichloroprop...	7.624	79	75735	53.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	107.02%
47) 2-Hexanone-d5	8.093	63	118328	113.35	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.35%
57) 1,1,2,2-Tetrachloroeth...	10.222	84	192004	54.00	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.00%
64) 1,2-Dichlorobenzene-d4	11.633	152	190207	51.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.54%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.129	85	139529	48.23	ug/L	99
3) Chloromethane	1.241	50	108114	51.02	ug/L	100
5) Vinyl chloride	1.312	62	117082	50.67	ug/L	99
6) Bromomethane	1.524	94	79935	49.91	ug/L	96
8) Chloroethane	1.585	64	69252	50.76	ug/L	99
9) Trichlorofluoromethane	1.753	101	199872	49.51	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.119	101	102729	49.71	ug/L	90
12) 1,1-Dichloroethene	2.119	96	98023	51.00	ug/L	86
13) Acetone	2.190	43	109327	85.54	ug/L	99
14) Carbon disulfide	2.296	76	314144	50.32	ug/L	99
15) Methyl Acetate	2.437	43	114536	53.21	ug/L #	91
16) Methylene chloride	2.508	84	119181	50.16	ug/L	88
17) trans-1,2-Dichloroethene	2.762	96	117365	51.05	ug/L	91
18) Methyl tert-butyl Ether	2.772	73	380001	51.99	ug/L	97
19) 1,1-Dichloroethane	3.193	63	204569	50.30	ug/L	98
20) cis-1,2-Dichloroethene	3.917	96	127811	52.02	ug/L	86
22) 2-Butanone	3.978	43	164542	101.16	ug/L	93
23) Bromochloromethane	4.251	128	69287	50.10	ug/L #	76
25) Chloroform	4.380	83	230533	51.21	ug/L	98
27) 1,2-Dichloroethane	5.135	62	188429	50.57	ug/L	97

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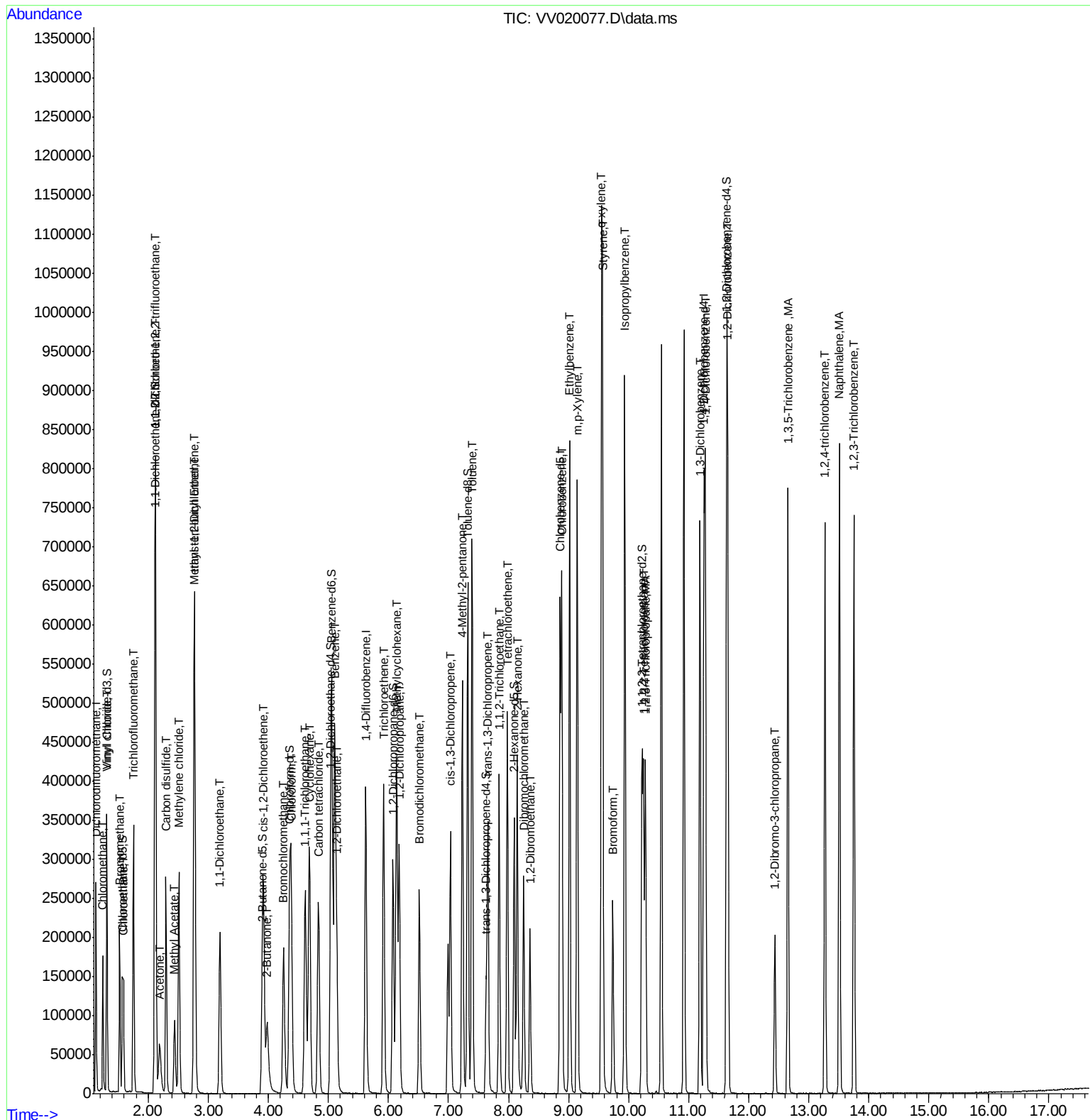
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	4.682	56	171214	50.97	ug/L	89
30) 1,1,1-Trichloroethane	4.614	97	213304	51.17	ug/L	95
31) Carbon tetrachloride	4.833	117	187604	50.88	ug/L	99
33) Benzene	5.103	78	460798	51.76	ug/L	100
34) Trichloroethene	5.920	95	133570	49.79	ug/L	91
35) Methylcyclohexane	6.135	83	185697	49.40	ug/L	92
37) 1,2-Dichloropropane	6.177	63	116272	53.28	ug/L #	96
38) Bromodichloromethane	6.514	83	172975	52.66	ug/L	97
39) cis-1,3-Dichloropropene	7.032	75	188554	51.41	ug/L	99
40) 4-Methyl-2-pentanone	7.228	43	321993	107.50	ug/L #	94
42) Toluene	7.392	91	501510	51.48	ug/L	99
44) trans-1,3-Dichloropropene	7.656	75	194777	53.43	ug/L	100
45) 1,1,2-Trichloroethane	7.842	97	121404	51.53	ug/L	95
46) Tetrachloroethene	7.981	164	109185	51.27	ug/L	95
48) 2-Hexanone	8.145	43	256711	108.46	ug/L #	94
49) Dibromochloromethane	8.251	129	143822	52.47	ug/L	99
50) 1,2-Dibromoethane	8.357	107	134278	51.91	ug/L #	100
51) Chlorobenzene	8.887	112	336055	50.09	ug/L	97
52) Ethylbenzene	9.016	91	575582	51.18	ug/L	99
53) m,p-Xylene	9.145	106	216519	50.19	ug/L	98
54) o-xylene	9.550	106	216309	51.64	ug/L	96
55) Styrene	9.566	104	380259	52.88	ug/L	98
56) Isopropylbenzene	9.936	105	580788	51.49	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.247	83	184603	53.04	ug/L #	98
59) 1,2,3-Trichloropropane	10.280	75	163494	53.17	ug/L	100
61) Bromoform	9.736	173	109097	55.15	ug/L #	99
62) 1,3-Dichlorobenzene	11.186	146	291340	51.42	ug/L	98
63) 1,4-Dichlorobenzene	11.280	146	298046	51.12	ug/L	97
65) 1,2-Dichlorobenzene	11.649	146	294159	51.76	ug/L	97
66) 1,2-Dibromo-3-chloropr...	12.437	75	47803	56.42	ug/L #	74
67) 1,3,5-Trichlorobenzene	12.652	180	235550	52.80	ug/L	98
68) 1,2,4-trichlorobenzene	13.270	180	211260	52.49	ug/L	97
69) Naphthalene	13.511	128	621579	58.34	ug/L	100
70) 1,2,3-Trichlorobenzene	13.752	180	212548	55.47	ug/L	99

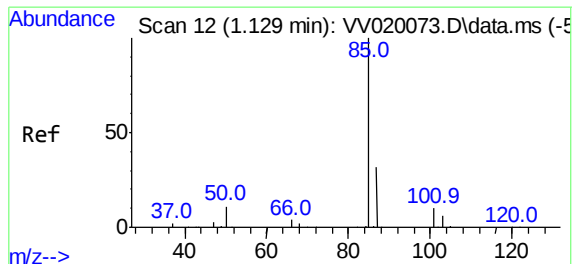
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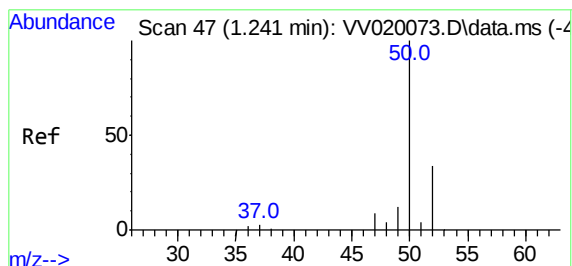
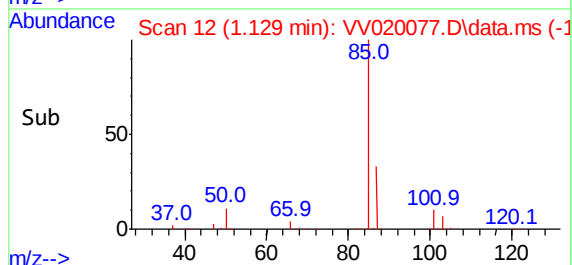
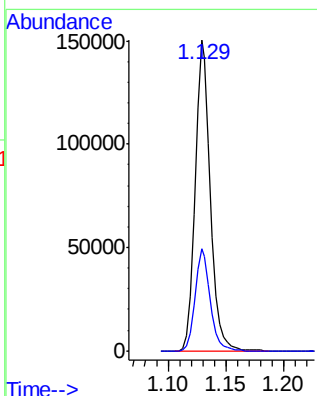
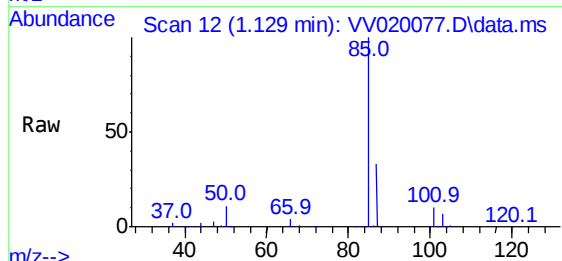




#2
Dichlorodifluoromethane
Concen: 48.23 ug/L
RT: 1.129 min Scan# 12
Delta R.T. -0.000 min
Lab File: VV020077.D
Acq: 20 Jan 2021 15:09

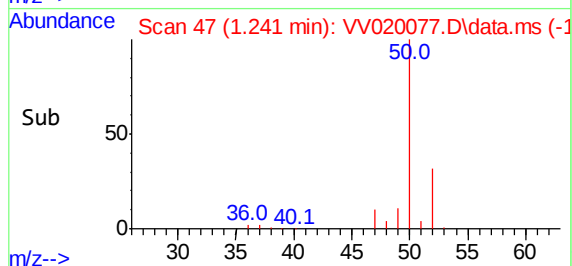
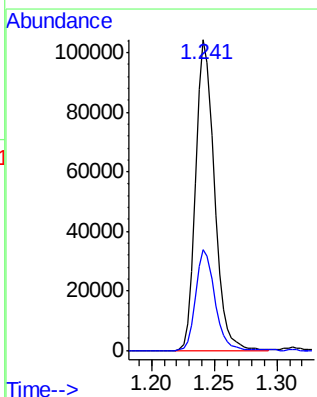
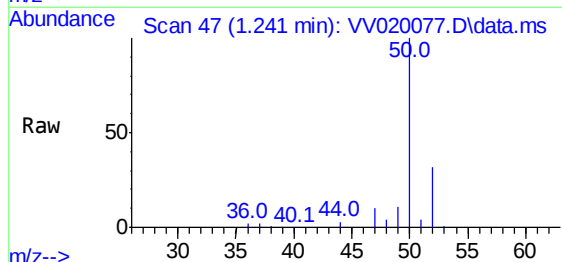
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MSVOA_V
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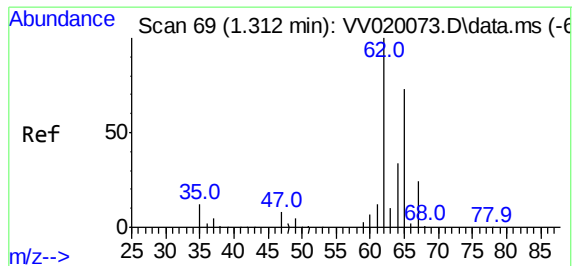
Tgt Ion: 85 Resp: 139529
Ion Ratio Lower Upper
85 100
87 32.9 25.9 38.9



#3
Chloromethane
Concen: 51.02 ug/L
RT: 1.241 min Scan# 47
Delta R.T. 0.000 min
Lab File: VV020077.D
Acq: 20 Jan 2021 15:09

Tgt Ion: 50 Resp: 108114
Ion Ratio Lower Upper
50 100
52 32.4 22.7 42.1

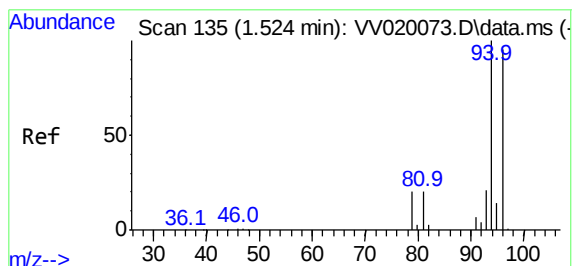
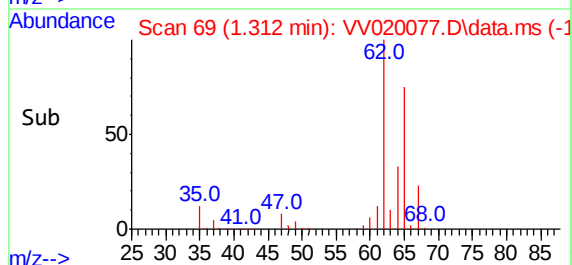
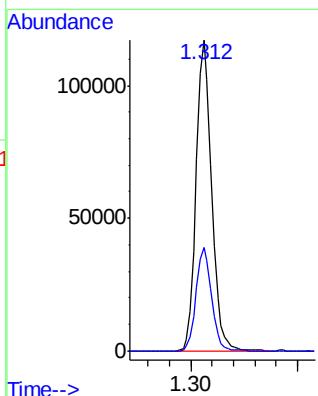
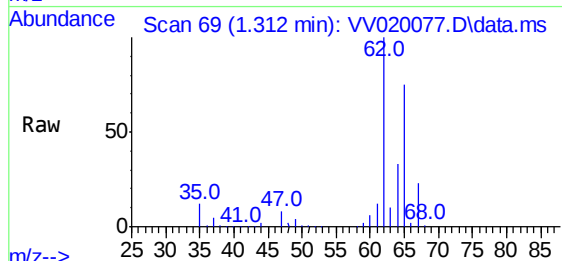




#5
 Vinyl chloride
 Concen: 50.67 ug/L
 RT: 1.312 min Scan# 69
 Delta R.T. -0.000 min
 Lab File: VV020077.D
 Acq: 20 Jan 2021 15:09

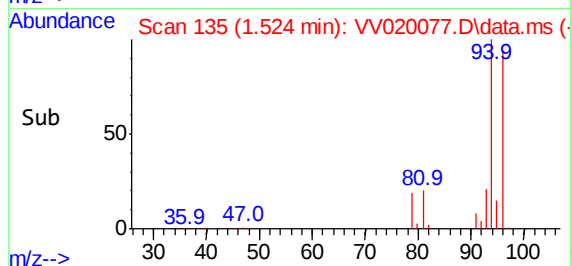
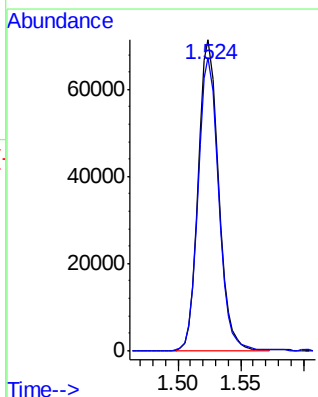
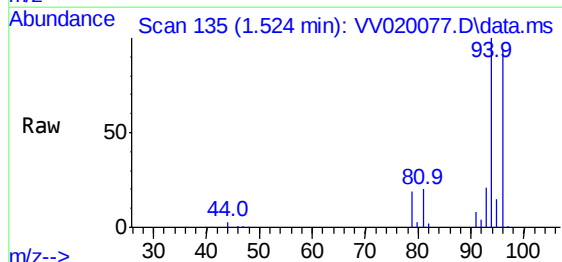
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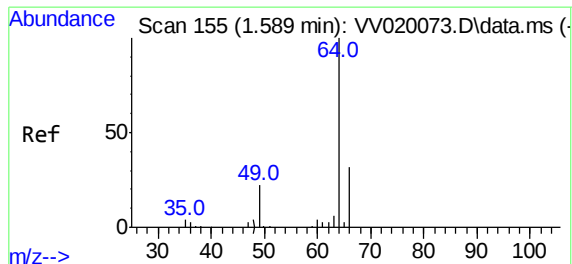
Tgt Ion: 62 Resp: 117082
 Ion Ratio Lower Upper
 62 100
 64 33.3 23.0 42.6



#6
 Bromomethane
 Concen: 49.91 ug/L
 RT: 1.524 min Scan# 135
 Delta R.T. -0.000 min
 Lab File: VV020077.D
 Acq: 20 Jan 2021 15:09

Tgt Ion: 94 Resp: 79935
 Ion Ratio Lower Upper
 94 100
 96 94.3 63.6 118.2

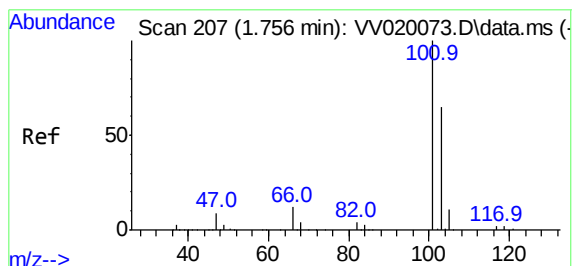
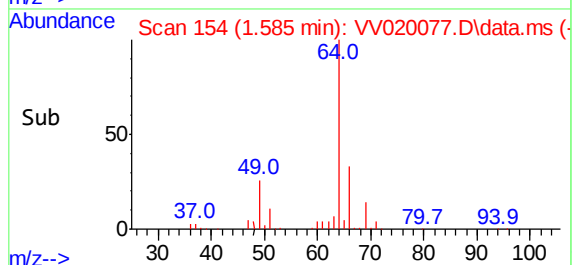
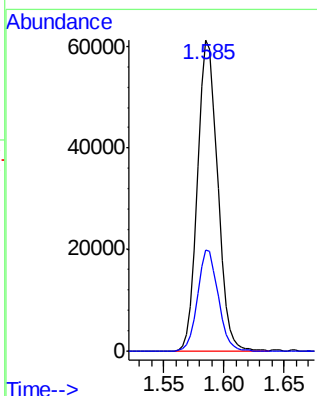
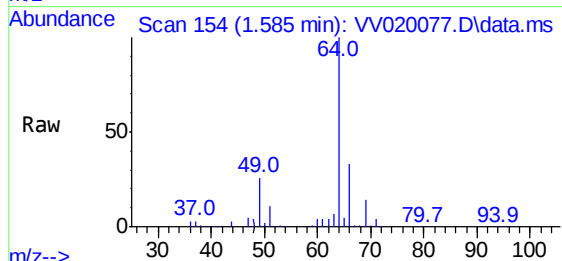




#8
Chloroethane
Concen: 50.76 ug/L
RT: 1.585 min Scan# 154
Delta R.T. -0.003 min
Lab File: VV020077.D
Acq: 20 Jan 2021 15:09

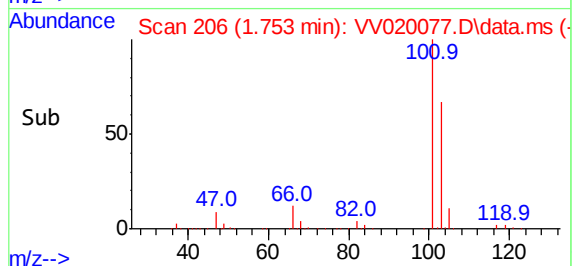
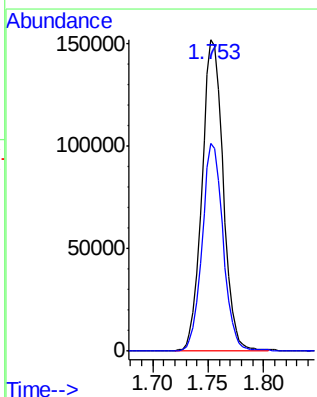
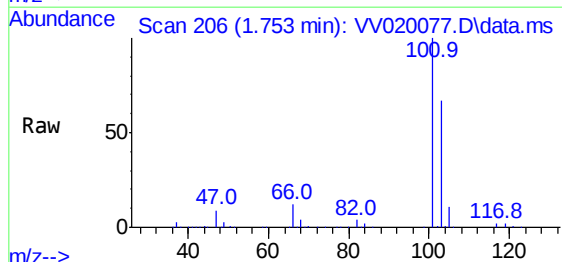
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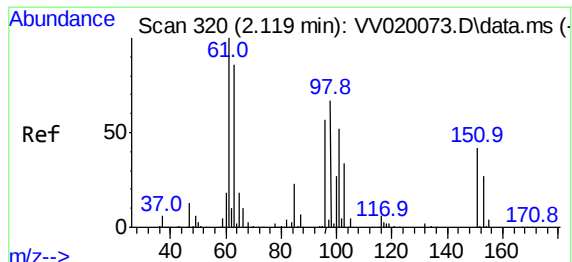
Tgt Ion: 64 Resp: 69252
Ion Ratio Lower Upper
64 100
66 32.6 22.4 41.6



#9
Trichlorofluoromethane
Concen: 49.51 ug/L
RT: 1.753 min Scan# 206
Delta R.T. -0.003 min
Lab File: VV020077.D
Acq: 20 Jan 2021 15:09

Tgt Ion:101 Resp: 199872
Ion Ratio Lower Upper
101 100
103 65.6 51.7 77.5

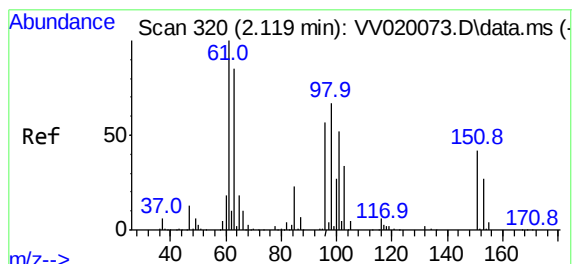
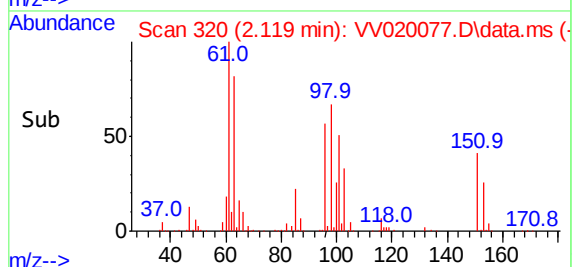
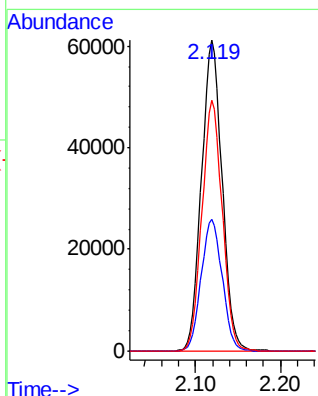
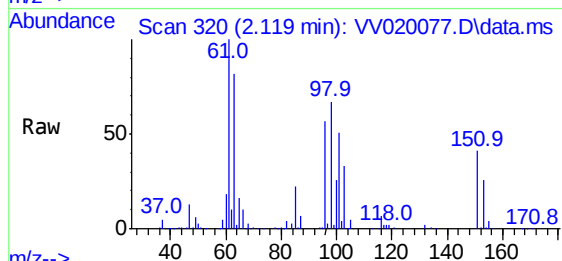




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 49.71 ug/L
 RT: 2.119 min Scan# 320
 Delta R.T. -0.000 min
 Lab File: VV020077.D
 Acq: 20 Jan 2021 15:09

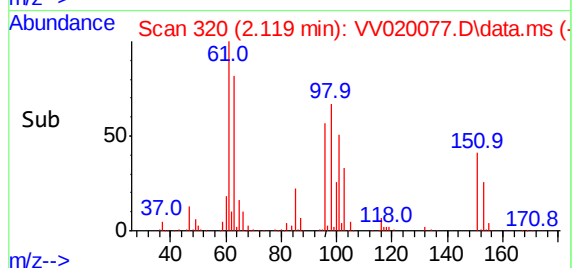
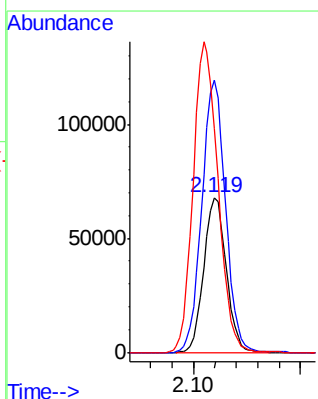
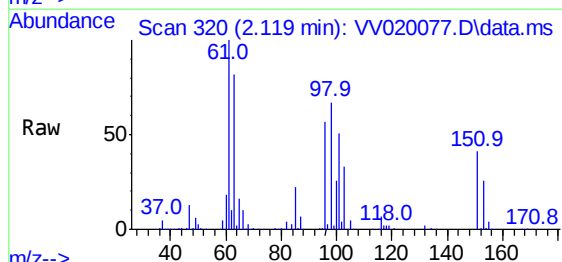
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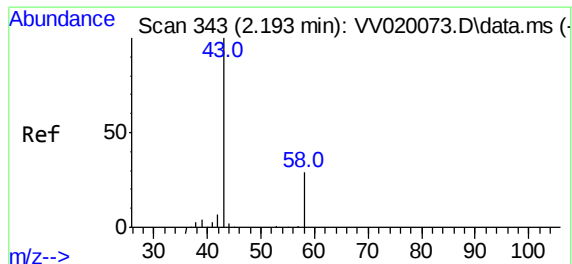
Tgt Ion:101 Resp: 102729
 Ion Ratio Lower Upper
 101 100
 85 43.2 35.3 52.9
 151 79.6 53.6 80.4



#12
 1,1-Dichloroethene
 Concen: 51.00 ug/L
 RT: 2.119 min Scan# 320
 Delta R.T. -0.000 min
 Lab File: VV020077.D
 Acq: 20 Jan 2021 15:09

Tgt Ion: 96 Resp: 98023
 Ion Ratio Lower Upper
 96 100
 61 175.7 134.9 250.5
 63 144.8 117.6 218.4

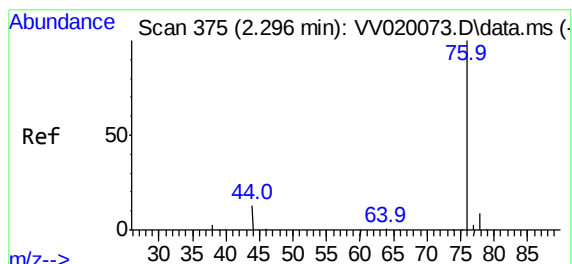
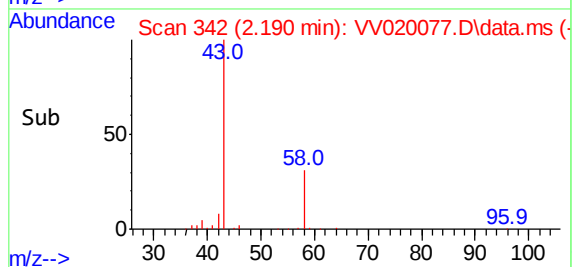
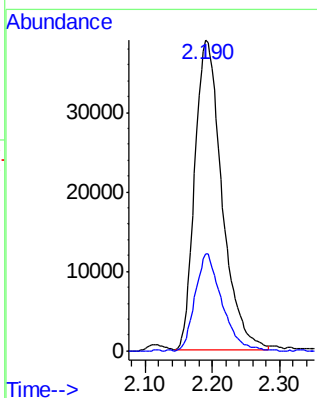
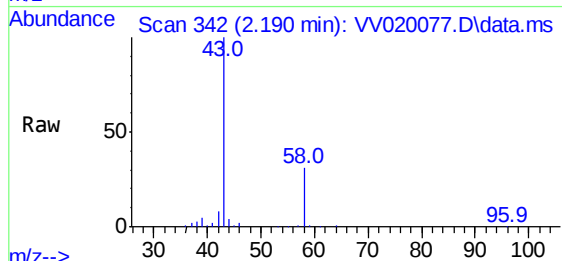




#13
Acetone
Concen: 85.54 ug/L
RT: 2.190 min Scan# 342
Delta R.T. -0.003 min
Lab File: VV020077.D
Acq: 20 Jan 2021 15:09

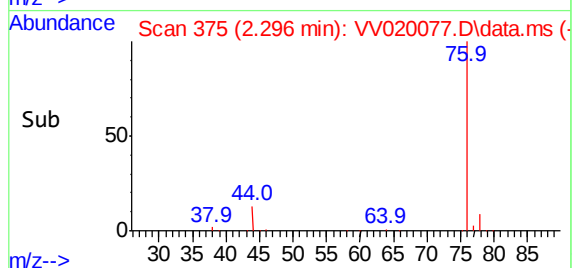
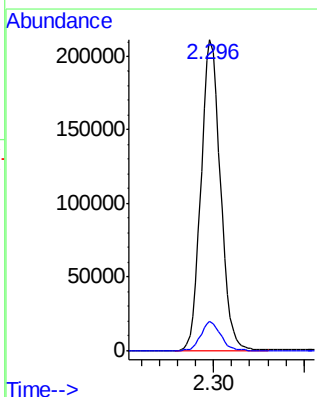
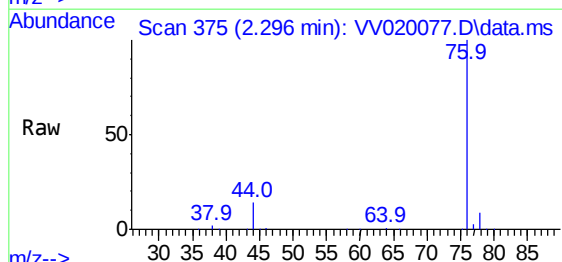
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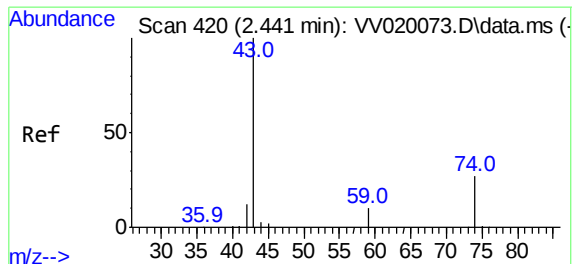
Tgt Ion: 43 Resp: 109327
Ion Ratio Lower Upper
43 100
58 30.8 0.0 60.2



#14
Carbon disulfide
Concen: 50.32 ug/L
RT: 2.296 min Scan# 375
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 314144
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8

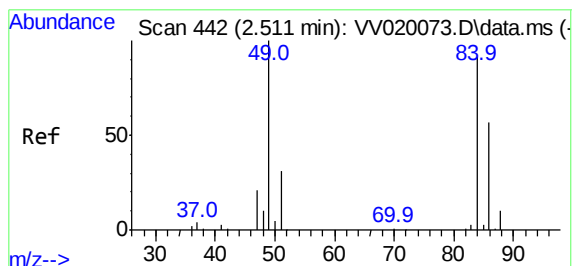
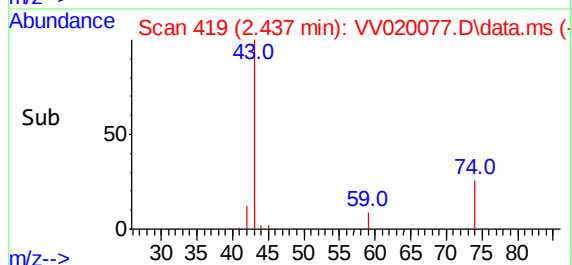
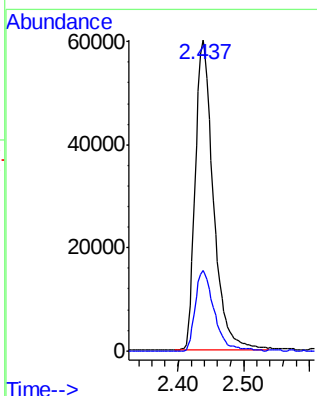
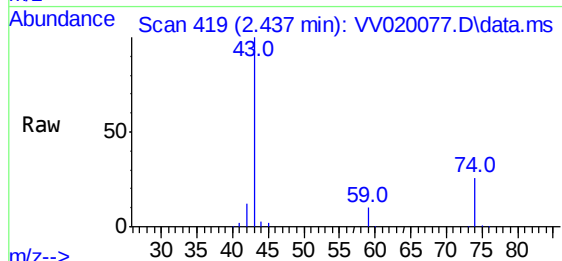




#15
Methyl Acetate
Concen: 53.21 ug/L
RT: 2.437 min Scan# 419
Delta R.T. -0.003 min
Lab File: VV020077.D
Acq: 20 Jan 2021 15:09

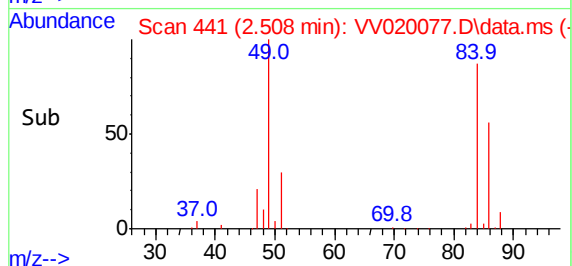
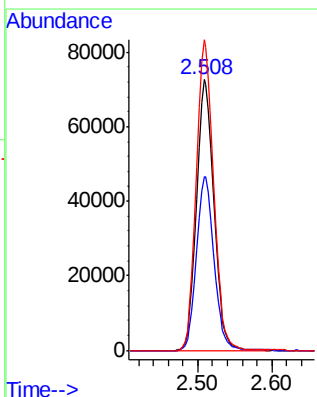
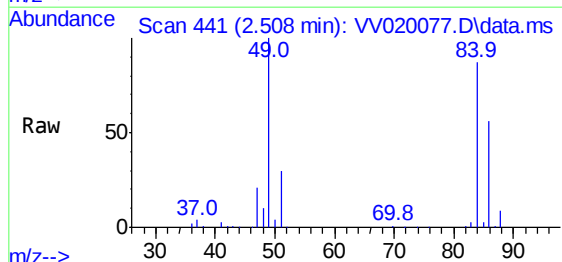
Instrument :
MSVOA_V
ClientSampleId :
VSTD05074

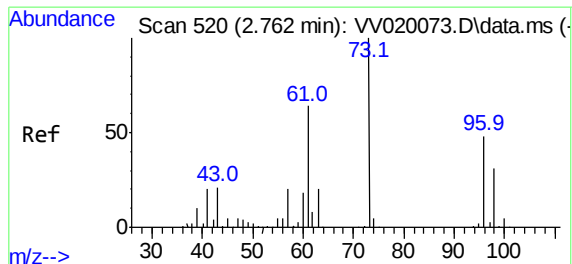
Tgt Ion: 43 Resp: 114536
Ion Ratio Lower Upper
43 100
74 26.5 17.6 26.4#



#16
Methylene chloride
Concen: 50.16 ug/L
RT: 2.508 min Scan# 441
Delta R.T. -0.003 min
Lab File: VV020077.D
Acq: 20 Jan 2021 15:09

Tgt Ion: 84 Resp: 119181
Ion Ratio Lower Upper
84 100
86 64.3 44.6 82.8
49 114.7 94.6 175.8

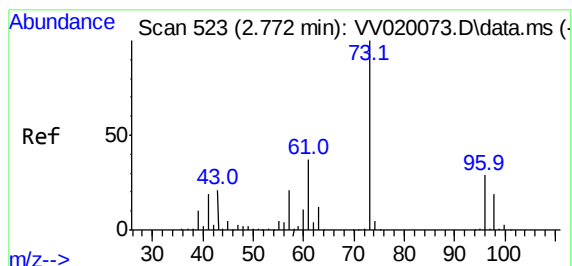
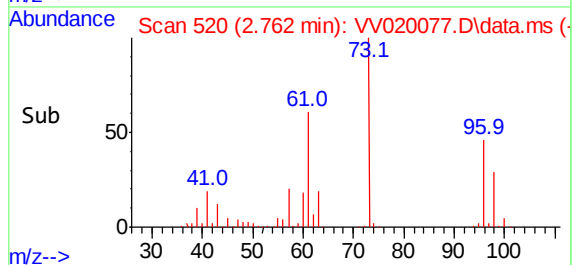
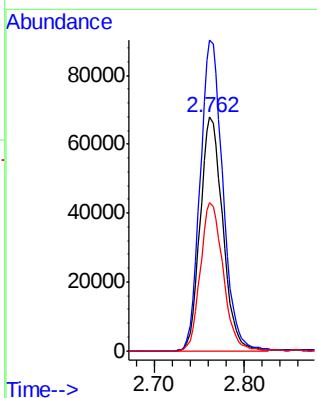
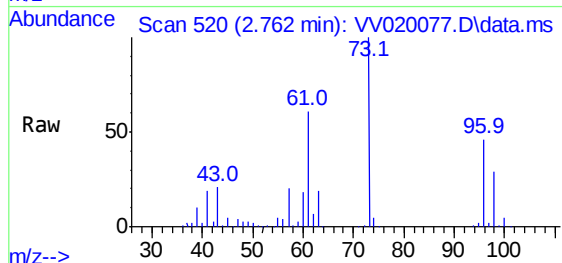




#17
trans-1,2-Dichloroethene
Concen: 51.05 ug/L
RT: 2.762 min Scan# 520
Delta R.T. 0.000 min
Lab File: VV020077.D
Acq: 20 Jan 2021 15:09

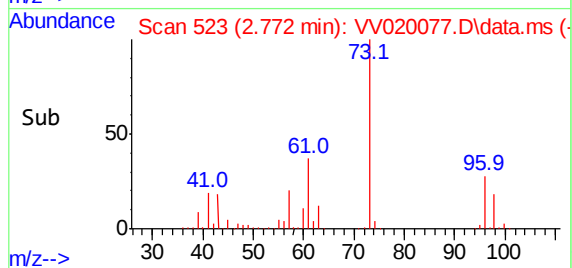
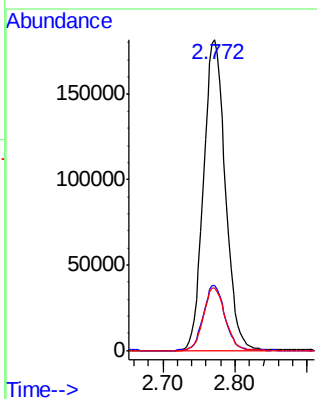
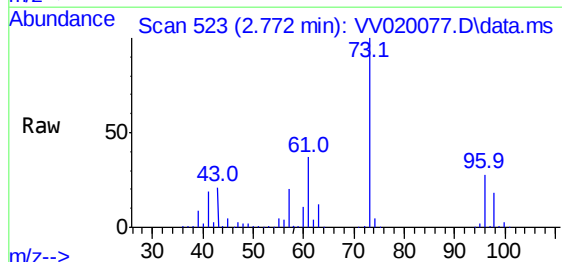
Instrument :
MSVOA_V
ClientSampleId :
VSTD05074

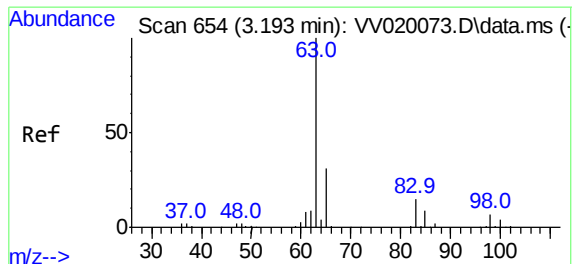
Tgt Ion: 96 Resp: 117365
Ion Ratio Lower Upper
96 100
61 132.9 103.1 191.5
98 63.4 43.1 80.1



#18
Methyl tert-butyl Ether
Concen: 51.99 ug/L
RT: 2.772 min Scan# 523
Delta R.T. -0.000 min
Lab File: VV020077.D
Acq: 20 Jan 2021 15:09

Tgt Ion: 73 Resp: 380001
Ion Ratio Lower Upper
73 100
43 20.8 17.3 25.9
57 20.0 17.9 26.9

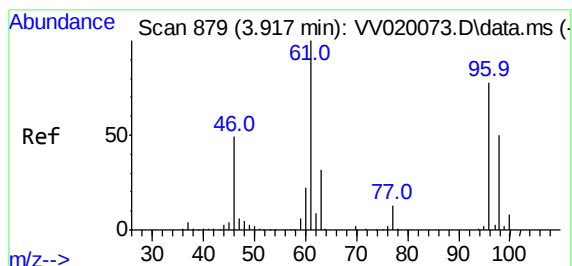
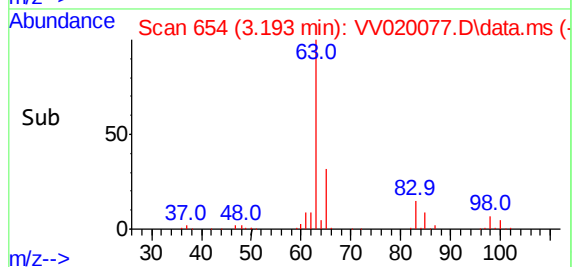
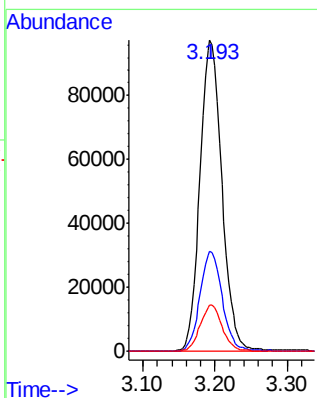
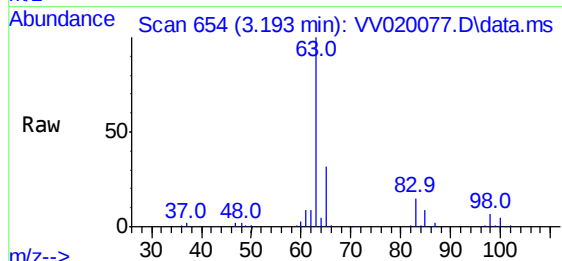




#19
1,1-Dichloroethane
Concen: 50.30 ug/L
RT: 3.193 min Scan# 654
Delta R.T. -0.000 min
Lab File: VV020077.D
Acq: 20 Jan 2021 15:09

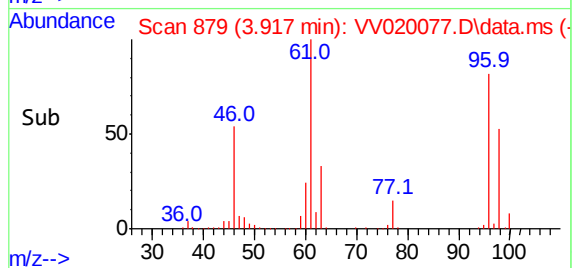
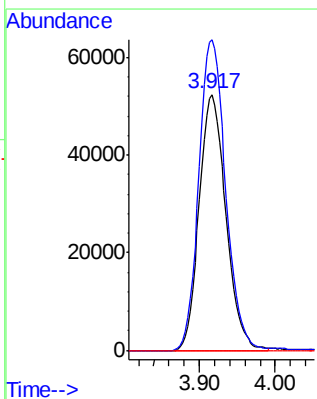
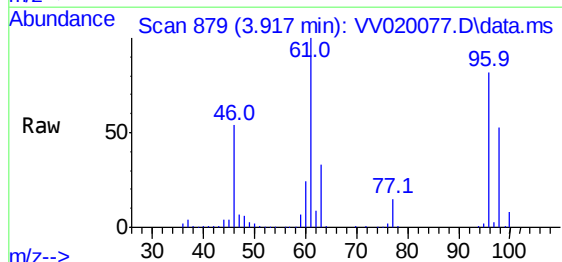
Instrument :
MSVOA_V
ClientSampleId :
VSTD05074

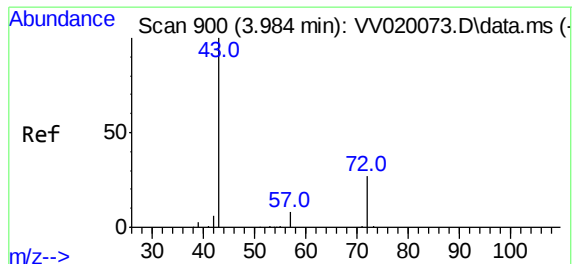
Tgt Ion: 63 Resp: 204569
Ion Ratio Lower Upper
63 100
65 32.0 21.9 40.7
83 14.9 9.5 17.7



#20
cis-1,2-Dichloroethene
Concen: 52.02 ug/L
RT: 3.917 min Scan# 879
Delta R.T. -0.000 min
Lab File: VV020077.D
Acq: 20 Jan 2021 15:09

Tgt Ion: 96 Resp: 127811
Ion Ratio Lower Upper
96 100
61 121.4 96.9 179.9
68 0.0 0.0 0.0

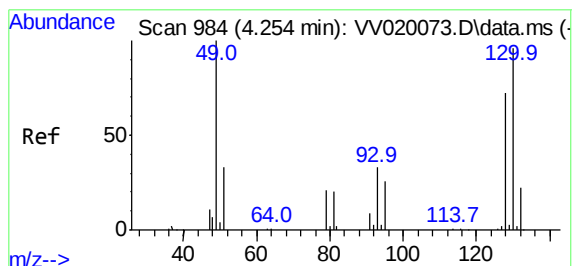
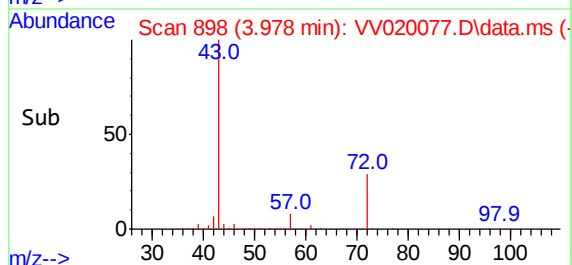
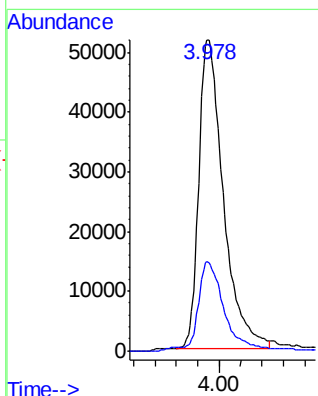
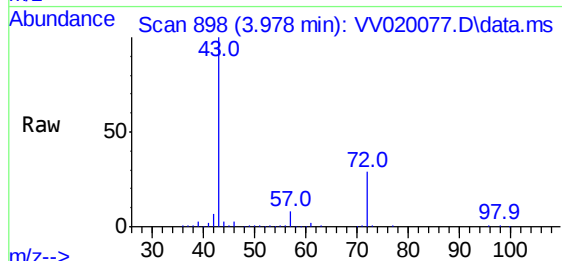




#22
2-Butanone
Concen: 101.16 ug/L
RT: 3.978 min Scan# 898
Delta R.T. -0.006 min
Lab File: VV020077.D
Acq: 20 Jan 2021 15:09

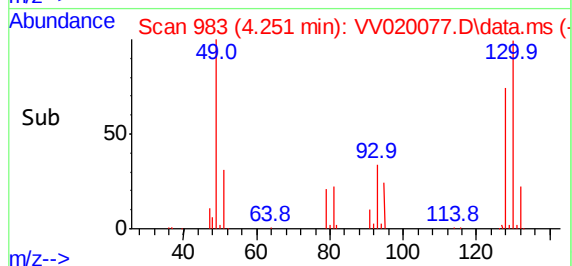
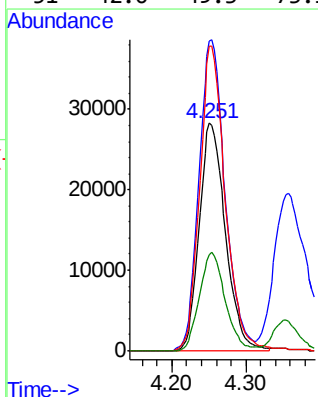
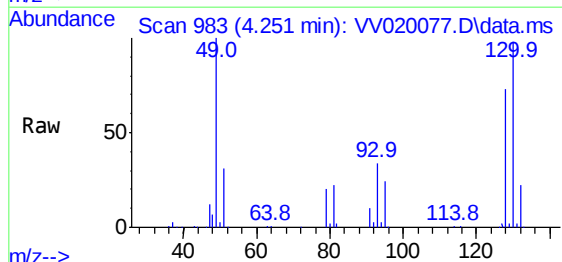
Instrument :
MSVOA_V
ClientSampleId :
VSTD05074

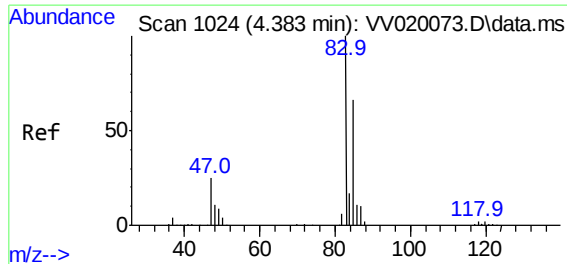
Tgt Ion: 43 Resp: 164542
Ion Ratio Lower Upper
43 100
72 28.0 12.2 36.6



#23
Bromochloromethane
Concen: 50.10 ug/L
RT: 4.251 min Scan# 983
Delta R.T. -0.003 min
Lab File: VV020077.D
Acq: 20 Jan 2021 15:09

Tgt Ion: 128 Resp: 69287
Ion Ratio Lower Upper
128 100
49 136.3 133.1 247.1
130 133.8 89.0 165.4
51 42.0 49.3 73.9#

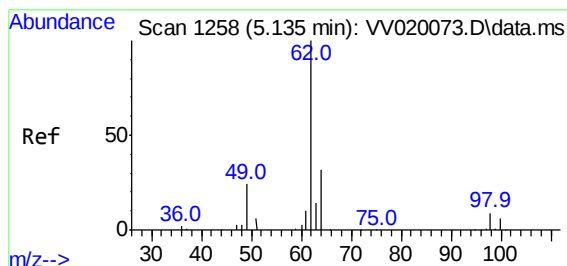
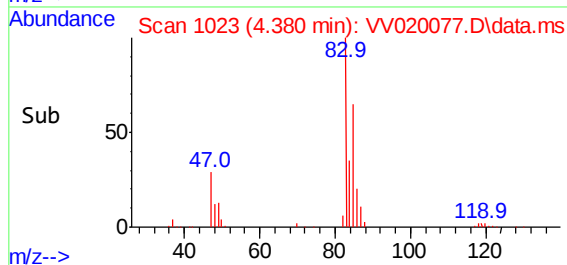
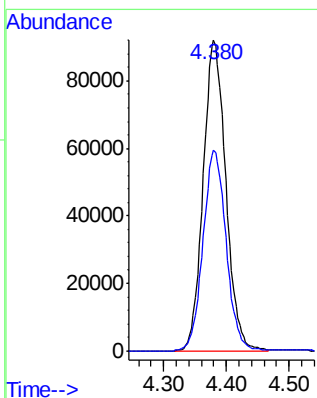
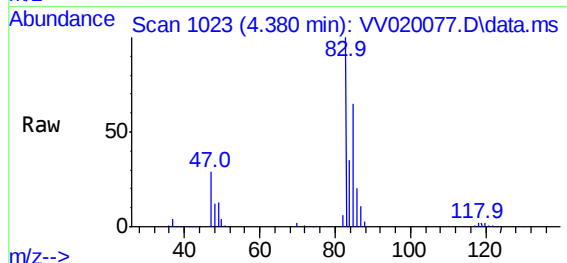




#25
Chloroform
Concen: 51.21 ug/L
RT: 4.380 min Scan# 1023
Delta R.T. -0.003 min
Lab File: VV020077.D
Acq: 20 Jan 2021 15:09

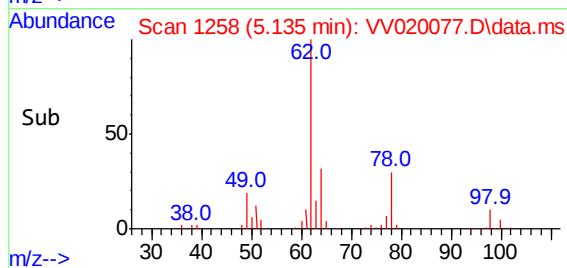
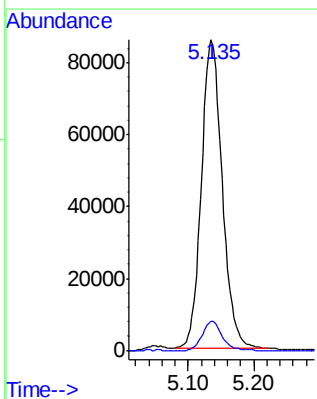
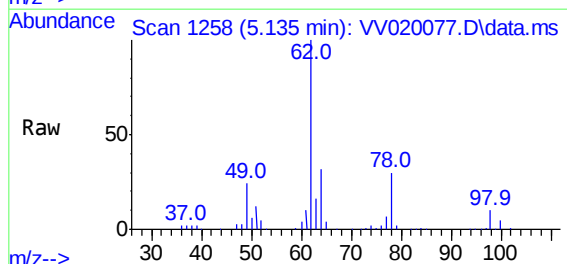
Instrument :
MSVOA_V
ClientSampled :
VSTD05074

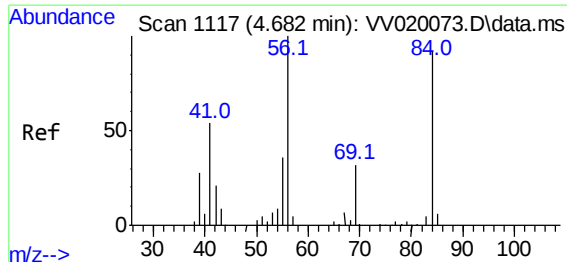
Tgt Ion: 83 Resp: 230533
Ion Ratio Lower Upper
83 100
85 64.6 44.2 82.2



#27
1,2-Dichloroethane
Concen: 50.57 ug/L
RT: 5.135 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VV020077.D
Acq: 20 Jan 2021 15:09

Tgt Ion: 62 Resp: 188429
Ion Ratio Lower Upper
62 100
98 9.5 6.9 10.3



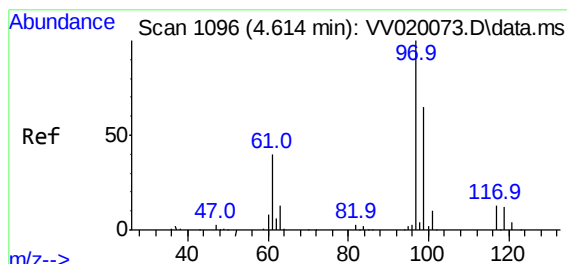
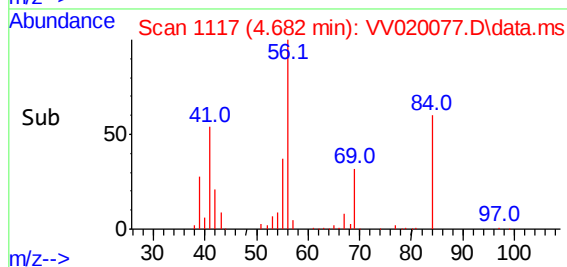
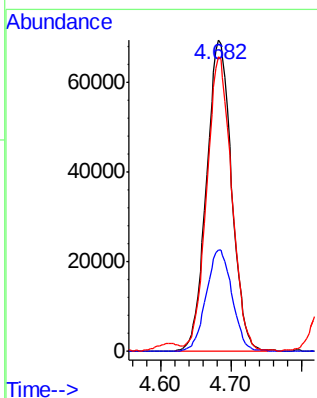
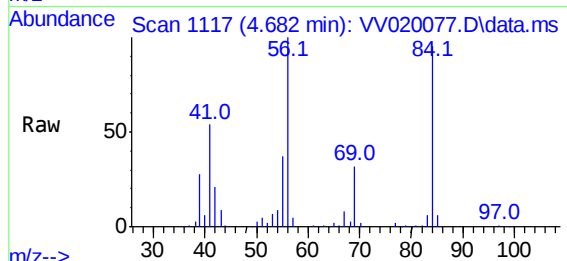


#29
Cyclohexane
Concen: 50.97 ug/L
RT: 4.682 min Scan# 1117
Delta R.T. -0.000 min
Lab File: VV020077.D
Acq: 20 Jan 2021 15:09

Instrument :
MSVOA_V
ClientSampleId :
VSTD05074

Tgt Ion: 56 Resp: 171214

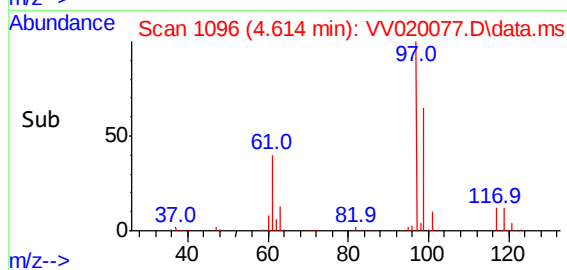
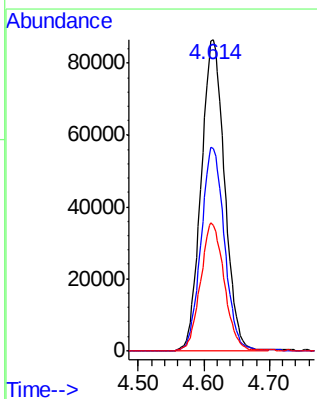
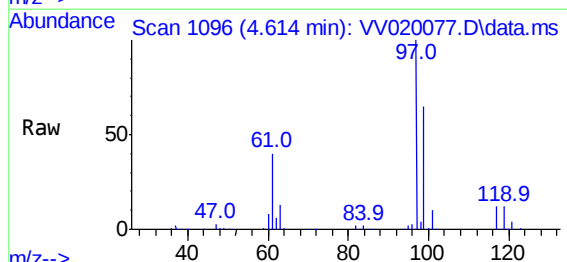
Ion	Ratio	Lower	Upper
56	100		
69	33.4	24.2	36.2
84	94.2	66.3	99.5

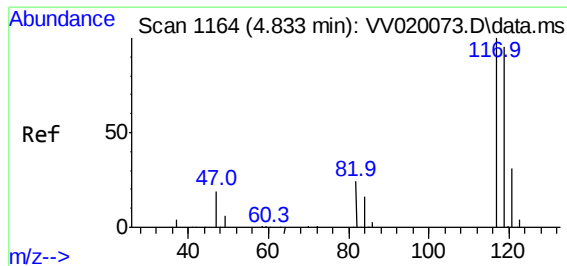


#30
1,1,1-Trichloroethane
Concen: 51.17 ug/L
RT: 4.614 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VV020077.D
Acq: 20 Jan 2021 15:09

Tgt Ion: 97 Resp: 213304

Ion	Ratio	Lower	Upper
97	100		
99	65.1	51.2	76.8
61	41.3	38.5	57.7

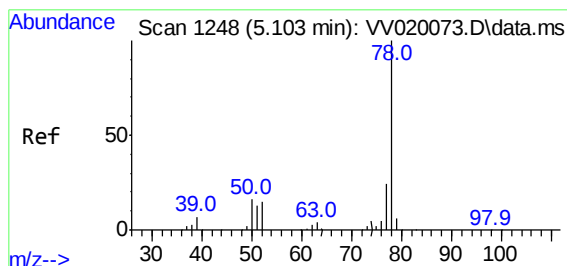
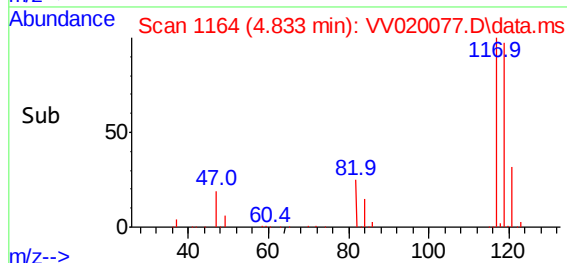
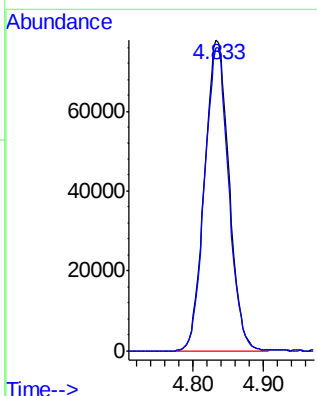
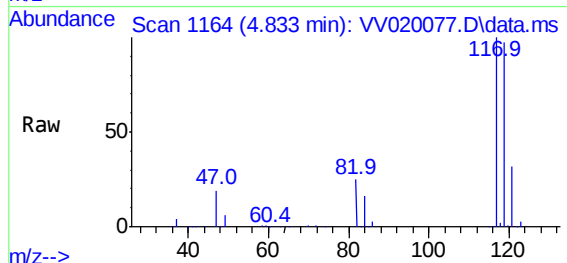




#31
Carbon tetrachloride
Concen: 50.88 ug/L
RT: 4.833 min Scan# 1164
Delta R.T. -0.000 min
Lab File: VV020077.D
Acq: 20 Jan 2021 15:09

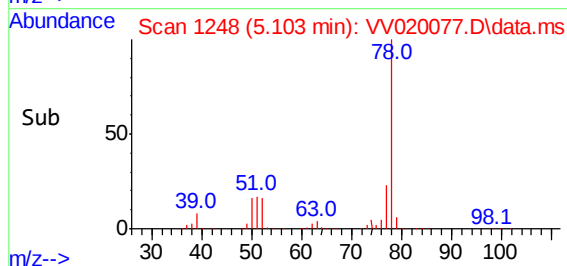
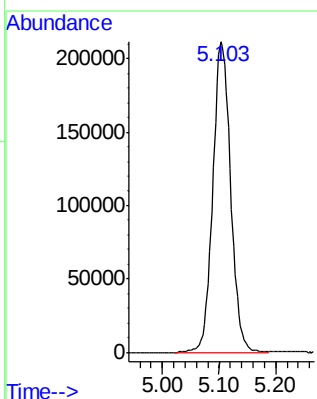
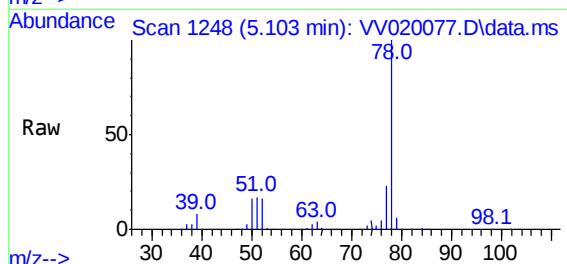
Instrument :
MSVOA_V
ClientSampleId :
VSTD05074

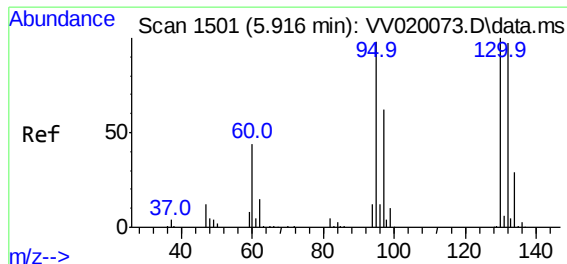
Tgt Ion:117 Resp: 187604
Ion Ratio Lower Upper
117 100
119 96.3 76.3 114.5



#33
Benzene
Concen: 51.76 ug/L
RT: 5.103 min Scan# 1248
Delta R.T. -0.000 min
Lab File: VV020077.D
Acq: 20 Jan 2021 15:09

Tgt Ion: 78 Resp: 460798

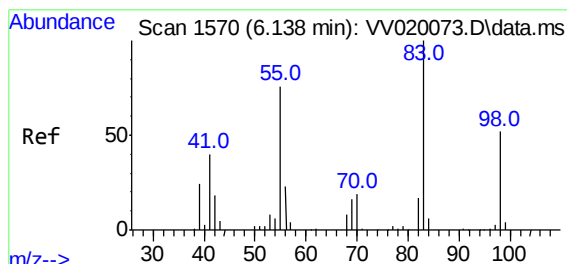
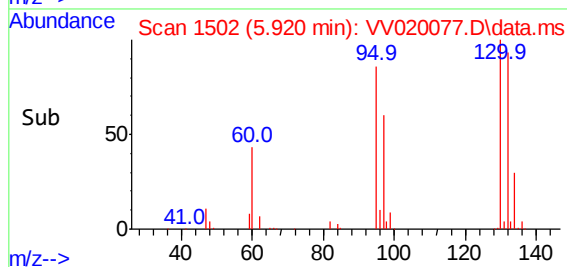
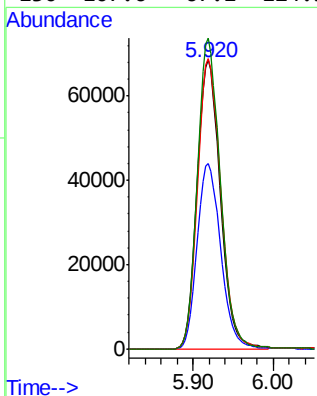
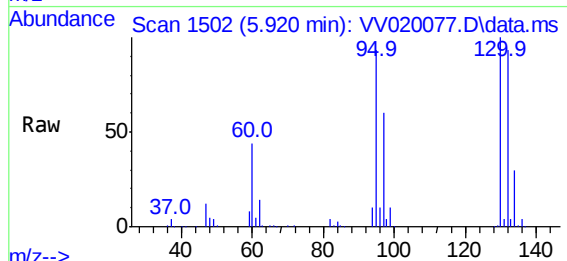




#34
Trichloroethene
Concen: 49.79 ug/L
RT: 5.920 min Scan# 1502
Delta R.T. 0.003 min
Lab File: VV020077.D
Acq: 20 Jan 2021 15:09

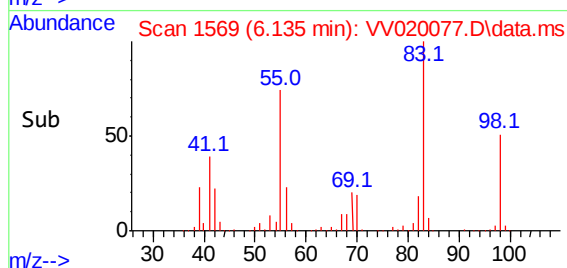
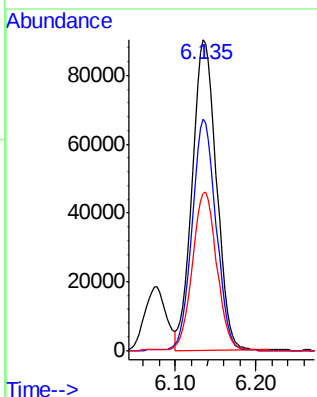
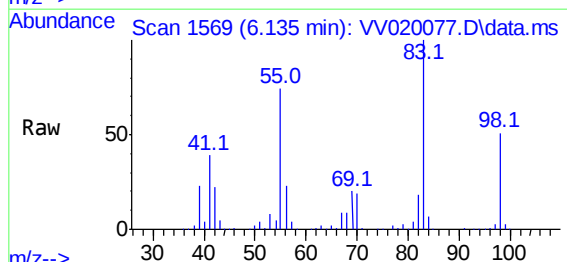
Instrument :
MSVOA_V
ClientSampleId :
VSTD05074

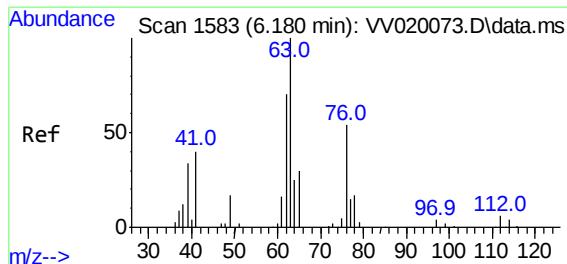
Tgt Ion: 95 Resp: 133570
Ion Ratio Lower Upper
95 100
97 64.4 44.5 82.7
132 100.4 63.4 117.8
130 107.6 67.1 124.5



#35
Methylcyclohexane
Concen: 49.40 ug/L
RT: 6.135 min Scan# 1569
Delta R.T. -0.003 min
Lab File: VV020077.D
Acq: 20 Jan 2021 15:09

Tgt Ion: 83 Resp: 185697
Ion Ratio Lower Upper
83 100
55 73.6 65.1 97.7
98 51.4 38.2 57.2

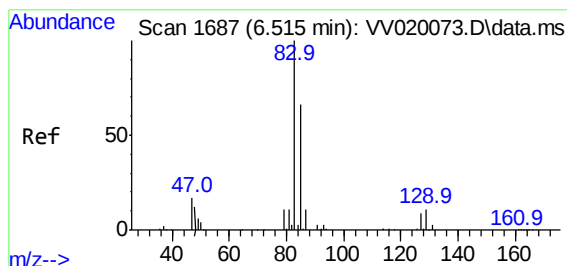
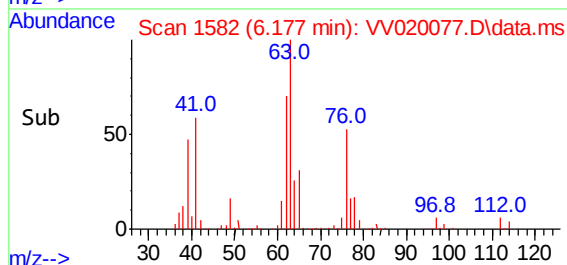
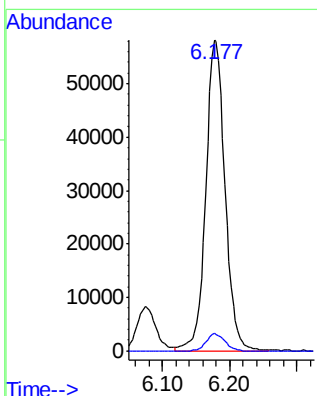
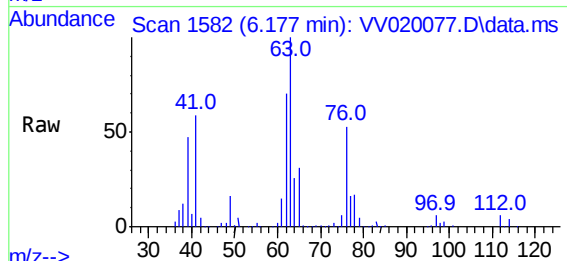




#37
1,2-Dichloropropane
Concen: 53.28 ug/L
RT: 6.177 min Scan# 1582
Delta R.T. -0.003 min
Lab File: VV020077.D
Acq: 20 Jan 2021 15:09

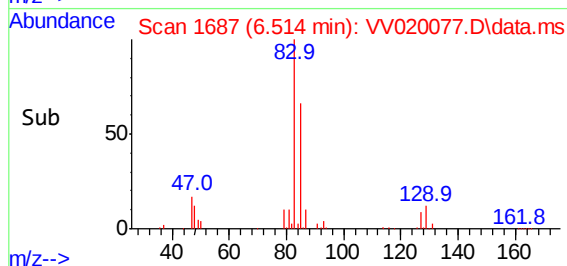
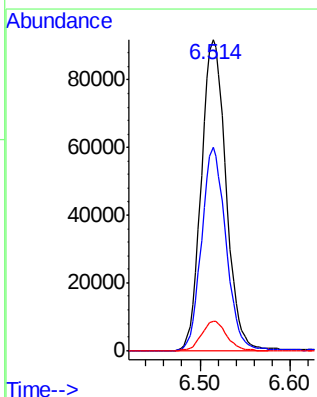
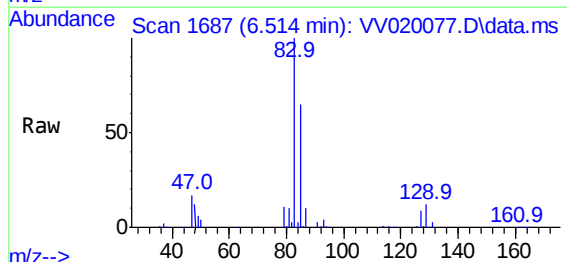
Instrument :
MSVOA_V
ClientSampled :
VSTD05074

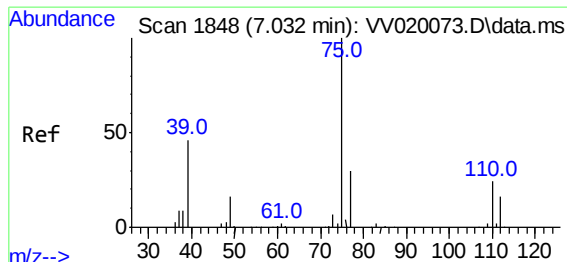
Tgt Ion: 63 Resp: 116272
Ion Ratio Lower Upper
63 100
112 5.4 3.3 4.9#



#38
Bromodichloromethane
Concen: 52.66 ug/L
RT: 6.514 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VV020077.D
Acq: 20 Jan 2021 15:09

Tgt Ion: 83 Resp: 172975
Ion Ratio Lower Upper
83 100
85 65.5 44.5 82.7
127 9.5 6.3 9.5

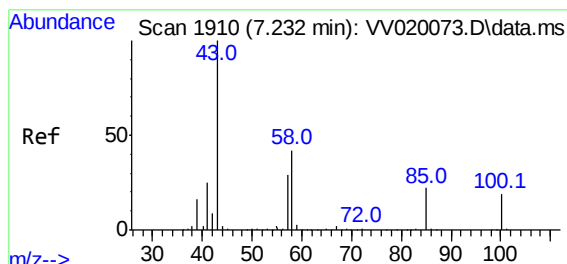
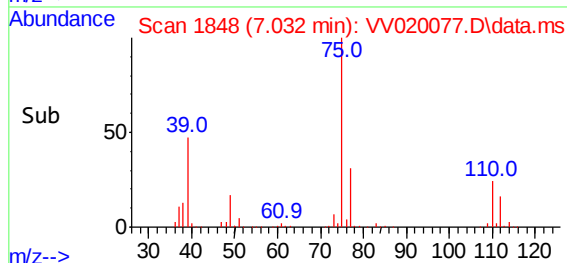
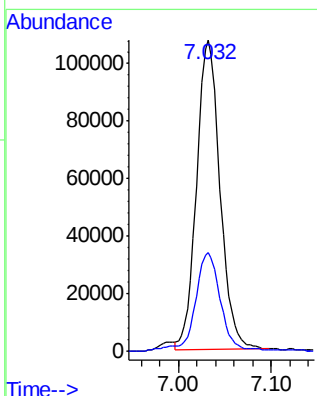
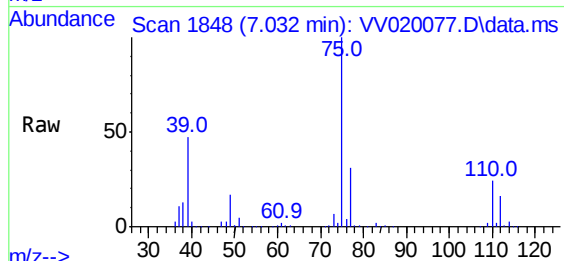




#39
cis-1,3-Dichloropropene
Concen: 51.41 ug/L
RT: 7.032 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VV020077.D
Acq: 20 Jan 2021 15:09

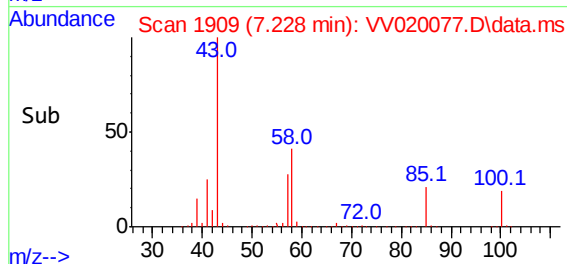
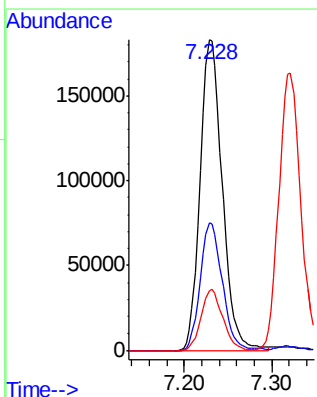
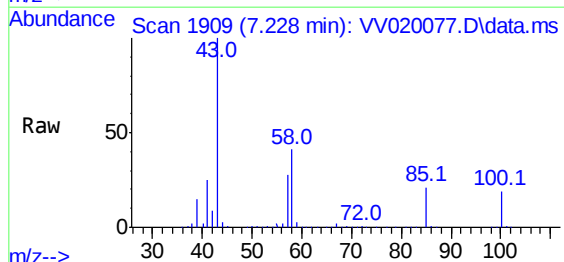
Instrument :
MSVOA_V
ClientSampleId :
VSTD05074

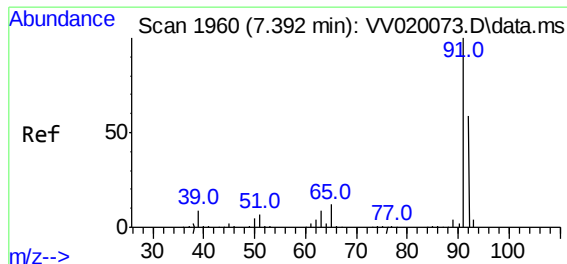
Tgt Ion: 75 Resp: 188554
Ion Ratio Lower Upper
75 100
77 31.5 21.8 40.6



#40
4-Methyl-2-pentanone
Concen: 107.50 ug/L
RT: 7.228 min Scan# 1909
Delta R.T. -0.003 min
Lab File: VV020077.D
Acq: 20 Jan 2021 15:09

Tgt Ion: 43 Resp: 321993
Ion Ratio Lower Upper
43 100
58 41.1 30.7 46.1
100 19.2 11.6 17.4#

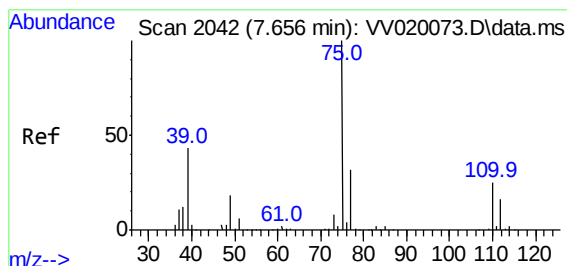
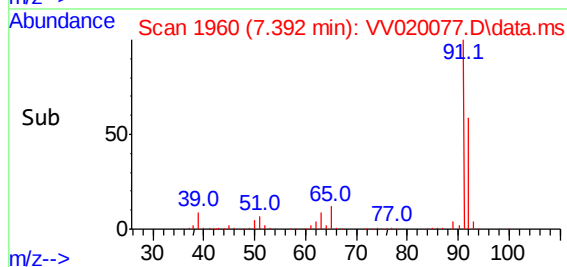
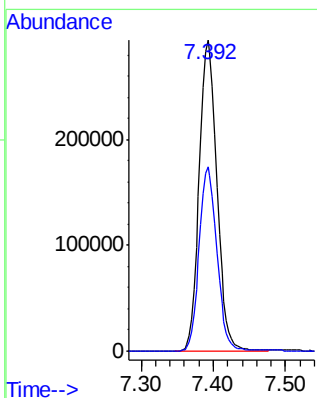
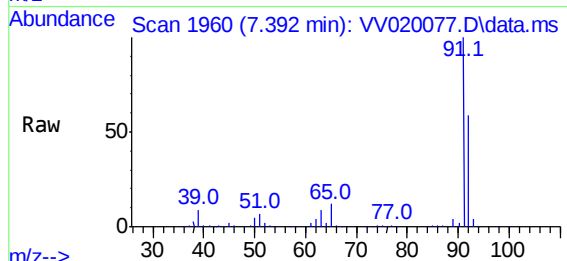




#42
Toluene
Concen: 51.48 ug/L
RT: 7.392 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VV020077.D
Acq: 20 Jan 2021 15:09

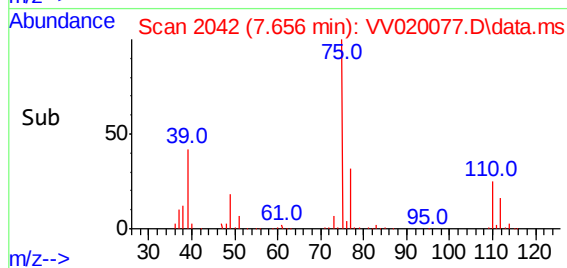
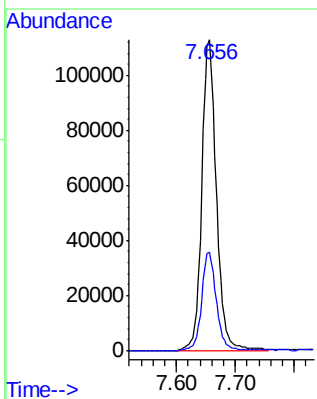
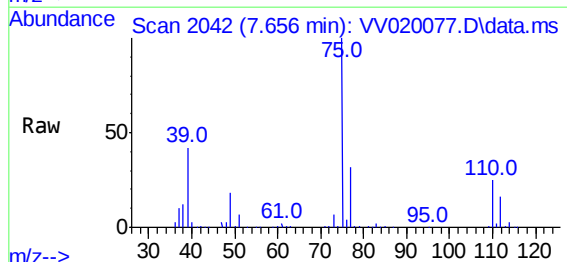
Instrument :
MSVOA_V
ClientSampleId :
VSTD05074

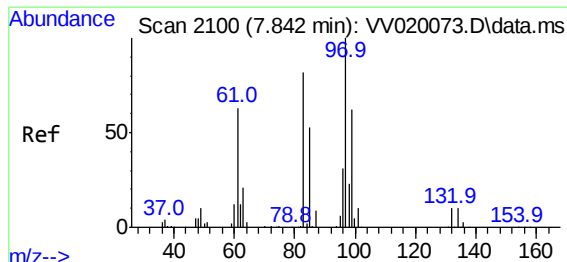
Tgt Ion: 91 Resp: 501510
Ion Ratio Lower Upper
91 100
92 59.3 40.7 75.7



#44
trans-1,3-Dichloropropene
Concen: 53.43 ug/L
RT: 7.656 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VV020077.D
Acq: 20 Jan 2021 15:09

Tgt Ion: 75 Resp: 194777
Ion Ratio Lower Upper
75 100
77 31.6 22.0 41.0



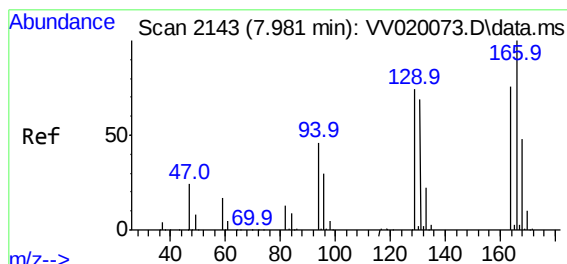
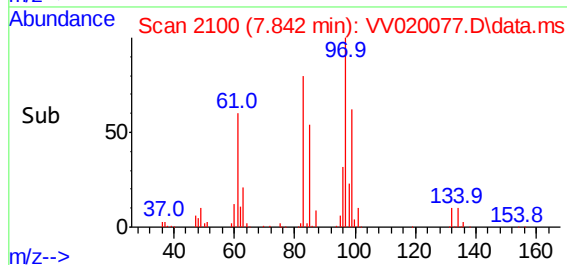
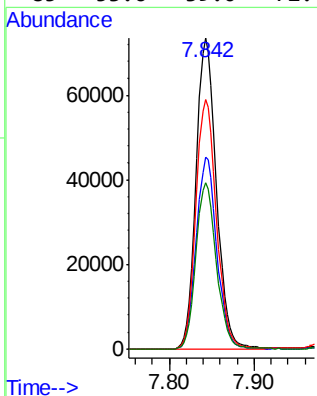
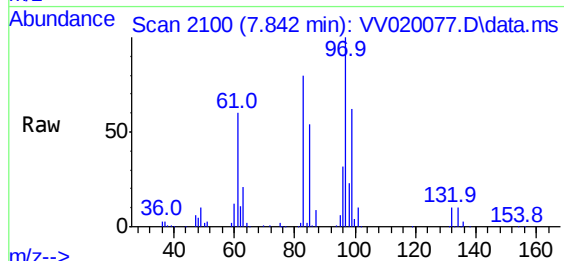


#45
1,1,2-Trichloroethane
Concen: 51.53 ug/L
RT: 7.842 min Scan# 2100
Delta R.T. -0.000 min
Lab File: VV020077.D
Acq: 20 Jan 2021 15:09

Instrument :
MSVOA_V
ClientSampleId :
VSTD05074

Tgt Ion: 97 Resp: 121404

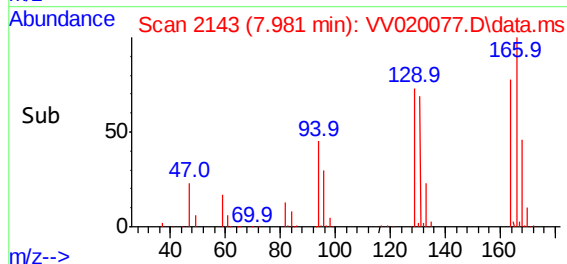
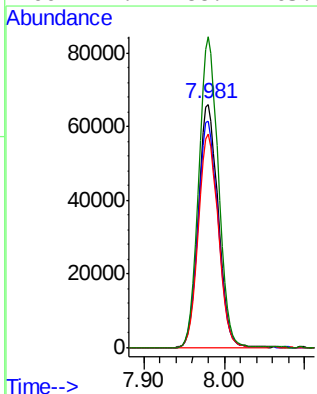
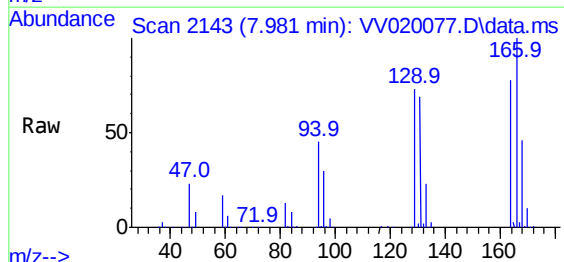
Ion	Ratio	Lower	Upper
97	100		
99	61.5	43.8	81.3
83	80.3	62.2	115.4
85	53.6	39.0	72.4

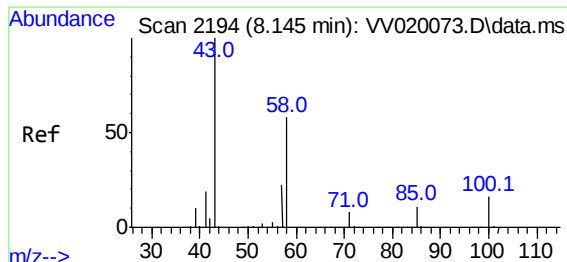


#46
Tetrachloroethene
Concen: 51.27 ug/L
RT: 7.981 min Scan# 2143
Delta R.T. -0.000 min
Lab File: VV020077.D
Acq: 20 Jan 2021 15:09

Tgt Ion: 164 Resp: 109185

Ion	Ratio	Lower	Upper
164	100		
129	93.2	70.6	131.0
131	87.8	66.8	124.0
166	127.7	88.2	163.8

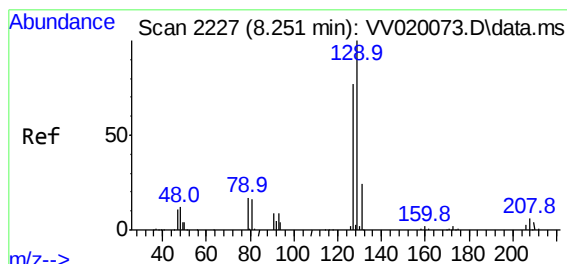
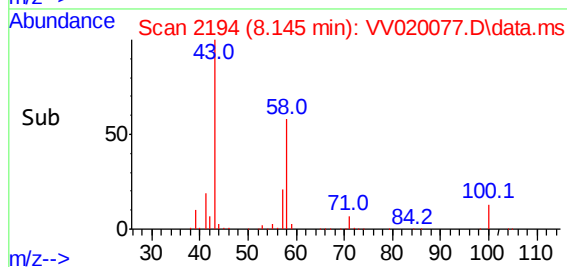
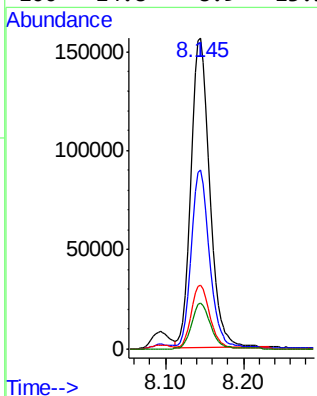
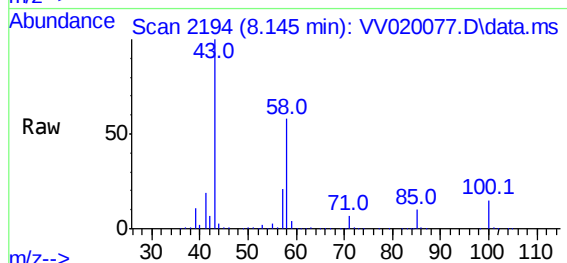




#48
2-Hexanone
Concen: 108.46 ug/L
RT: 8.145 min Scan# 2194
Delta R.T. -0.000 min
Lab File: VV020077.D
Acq: 20 Jan 2021 15:09

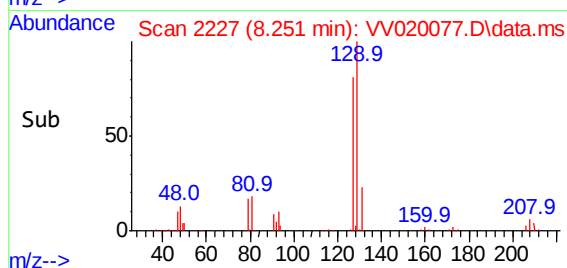
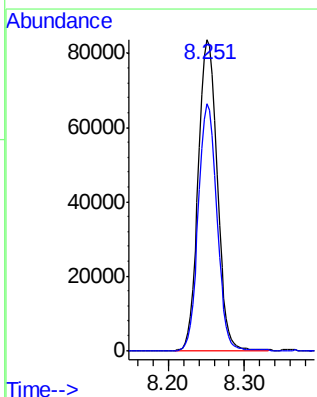
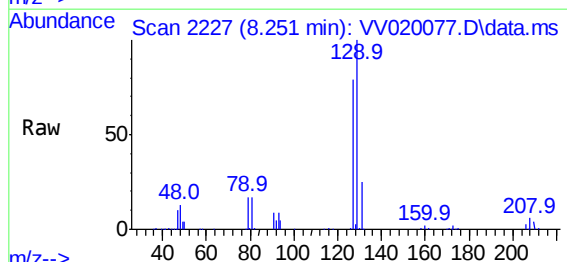
Instrument :
MSVOA_V
ClientSampleId :
VSTD05074

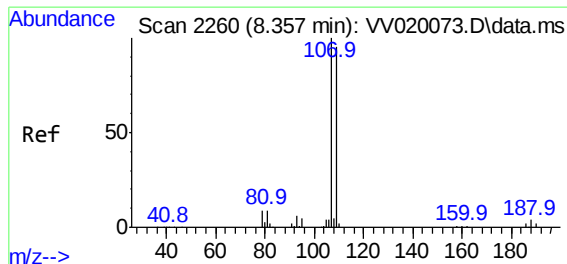
Tgt Ion: 43 Resp: 256711
Ion Ratio Lower Upper
43 100
58 56.2 41.8 62.6
57 20.3 15.0 22.4
100 14.8 8.9 13.3#



#49
Dibromochloromethane
Concen: 52.47 ug/L
RT: 8.251 min Scan# 2227
Delta R.T. -0.000 min
Lab File: VV020077.D
Acq: 20 Jan 2021 15:09

Tgt Ion: 129 Resp: 143822
Ion Ratio Lower Upper
129 100
127 79.4 55.2 102.6

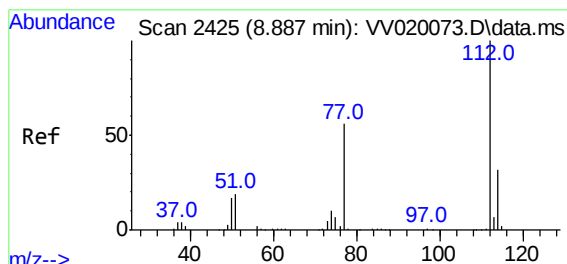
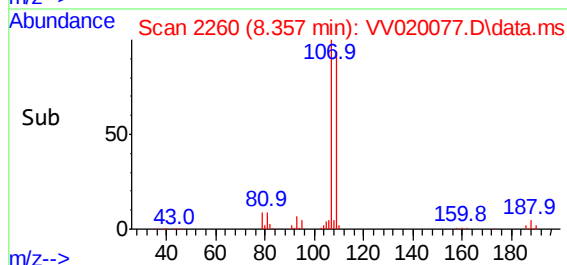
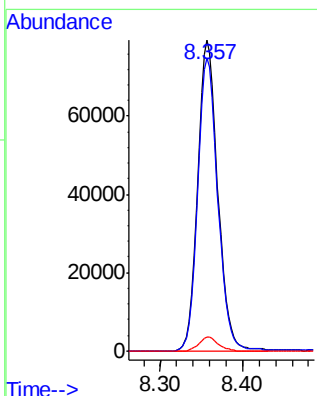
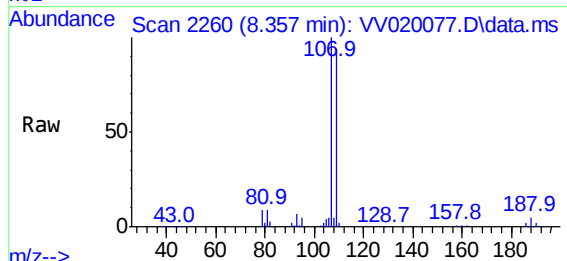




#50
1,2-Dibromoethane
Concen: 51.91 ug/L
RT: 8.357 min Scan# 2260
Delta R.T. -0.000 min
Lab File: VV020077.D
Acq: 20 Jan 2021 15:09

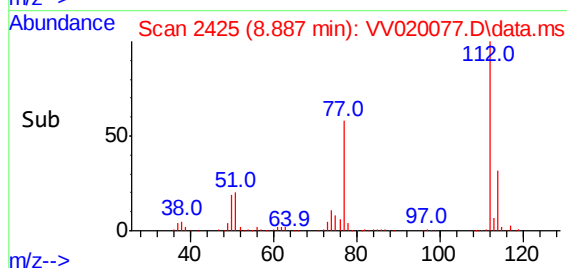
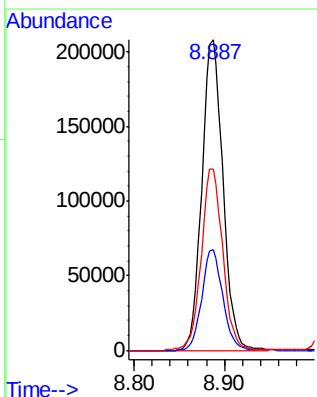
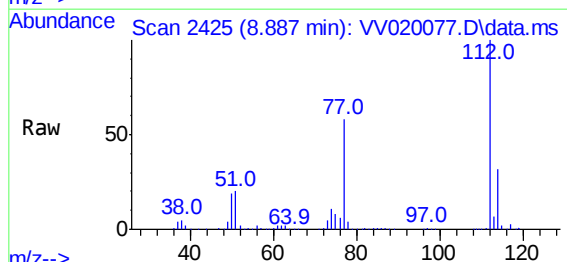
Instrument :
MSVOA_V
ClientSampleId :
VSTD05074

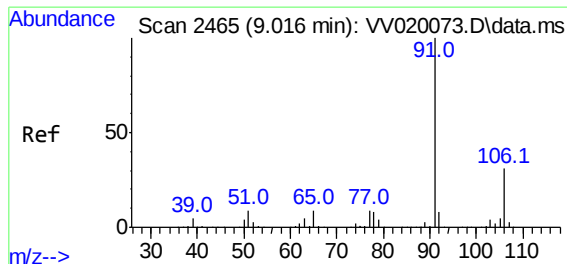
Tgt Ion:107 Resp: 134278
Ion Ratio Lower Upper
107 100
109 94.3 66.2 123.0
188 4.5 2.6 3.8#



#51
Chlorobenzene
Concen: 50.09 ug/L
RT: 8.887 min Scan# 2425
Delta R.T. -0.000 min
Lab File: VV020077.D
Acq: 20 Jan 2021 15:09

Tgt Ion:112 Resp: 336055
Ion Ratio Lower Upper
112 100
114 32.3 22.2 41.2
77 58.4 49.0 73.6

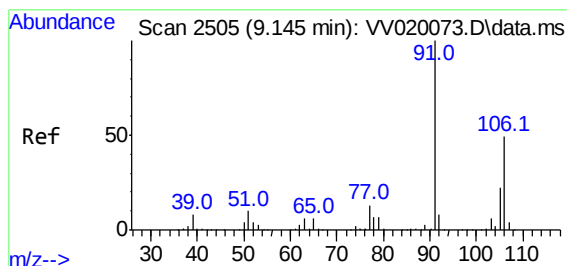
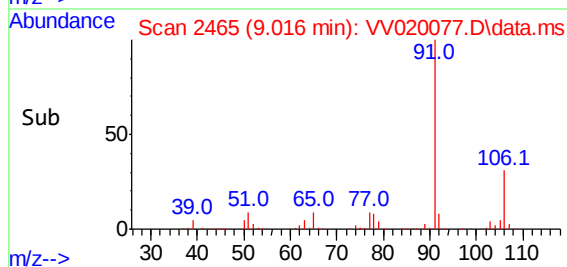
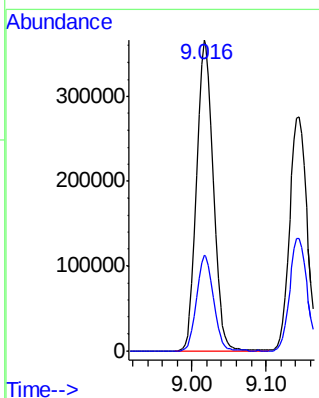
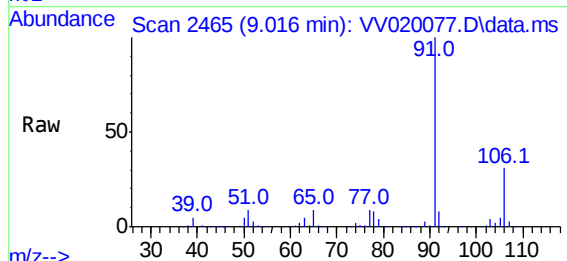




#52
Ethylbenzene
Concen: 51.18 ug/L
RT: 9.016 min Scan# 2465
Delta R.T. -0.000 min
Lab File: VV020077.D
Acq: 20 Jan 2021 15:09

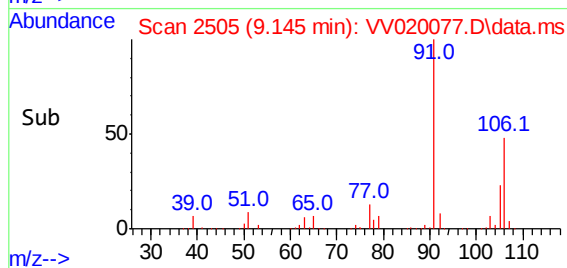
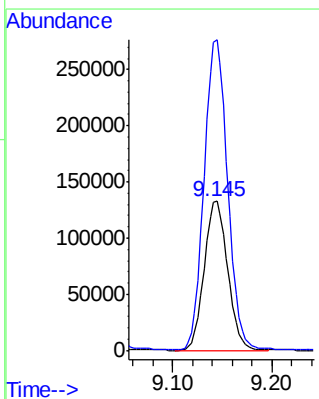
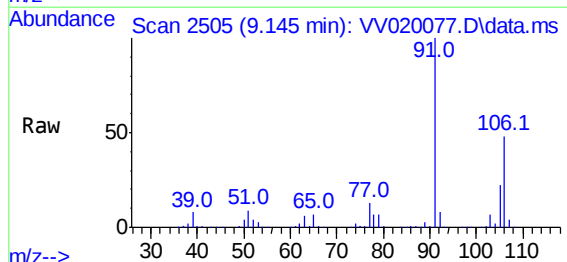
Instrument :
MSVOA_V
ClientSampleId :
VSTD05074

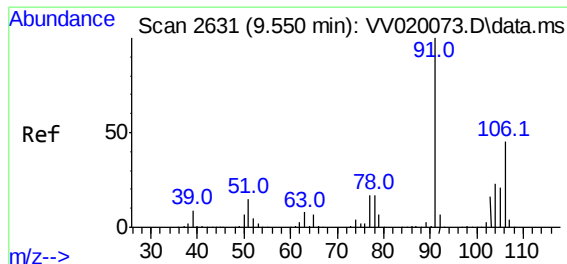
Tgt Ion: 91 Resp: 575582
Ion Ratio Lower Upper
91 100
106 30.8 21.0 39.0



#53
m,p-Xylene
Concen: 50.19 ug/L
RT: 9.145 min Scan# 2505
Delta R.T. -0.000 min
Lab File: VV020077.D
Acq: 20 Jan 2021 15:09

Tgt Ion: 106 Resp: 216519
Ion Ratio Lower Upper
106 100
91 208.4 148.1 275.0

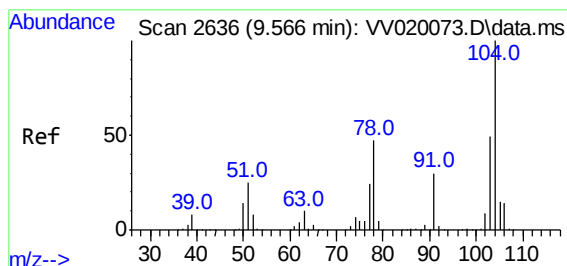
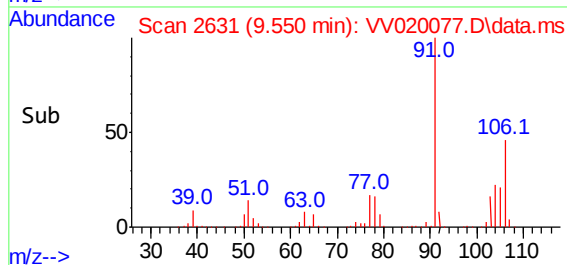
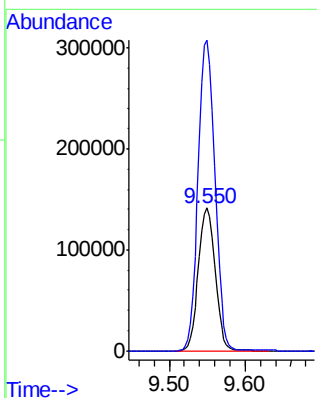
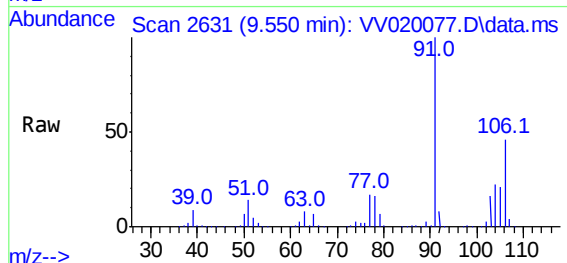




#54
o-xylene
Concen: 51.64 ug/L
RT: 9.550 min Scan# 2631
Delta R.T. -0.000 min
Lab File: VV020077.D
Acq: 20 Jan 2021 15:09

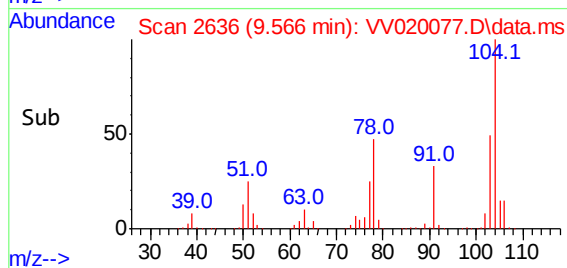
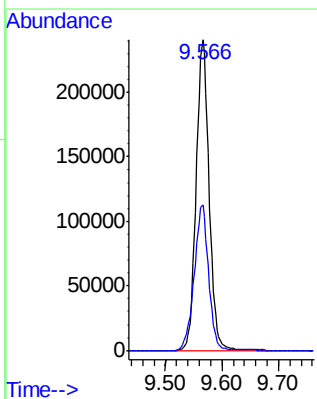
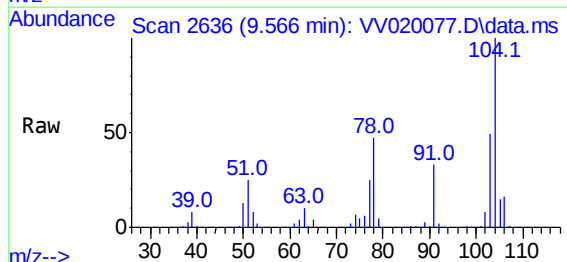
Instrument :
MSVOA_V
ClientSampleId :
VSTD05074

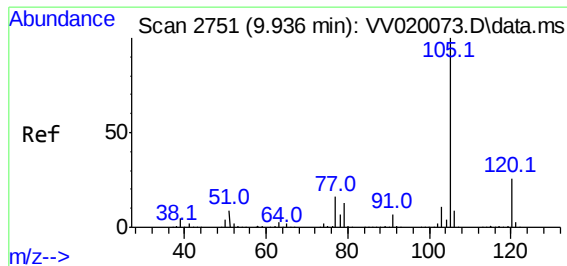
Tgt Ion:106 Resp: 216309
Ion Ratio Lower Upper
106 100
91 217.7 156.4 290.6



#55
Styrene
Concen: 52.88 ug/L
RT: 9.566 min Scan# 2636
Delta R.T. -0.000 min
Lab File: VV020077.D
Acq: 20 Jan 2021 15:09

Tgt Ion:104 Resp: 380259
Ion Ratio Lower Upper
104 100
78 46.9 33.7 62.5

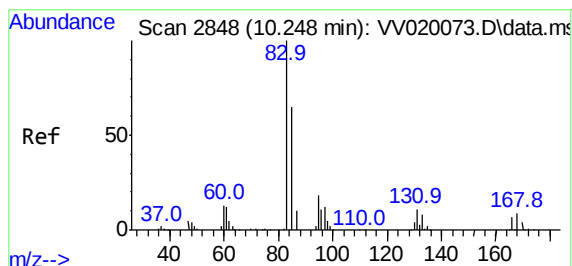
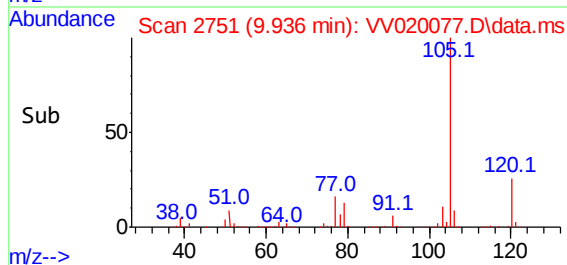
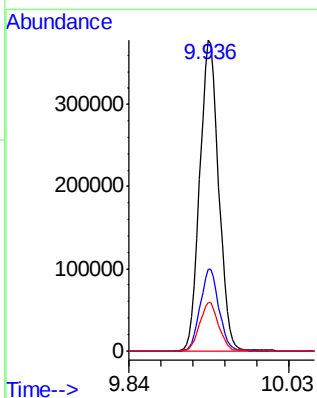
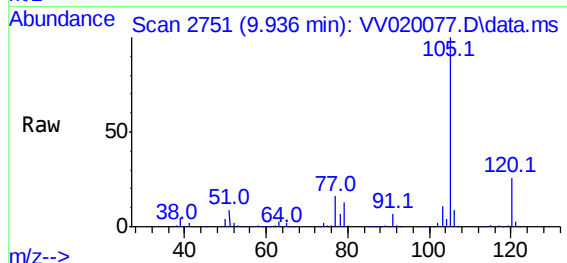




#56
Isopropylbenzene
Concen: 51.49 ug/L
RT: 9.936 min Scan# 2751
Delta R.T. -0.000 min
Lab File: VV020077.D
Acq: 20 Jan 2021 15:09

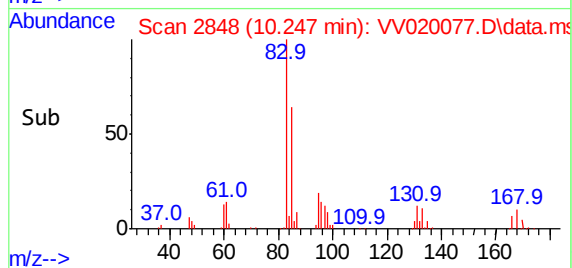
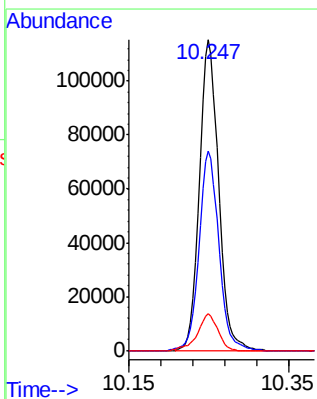
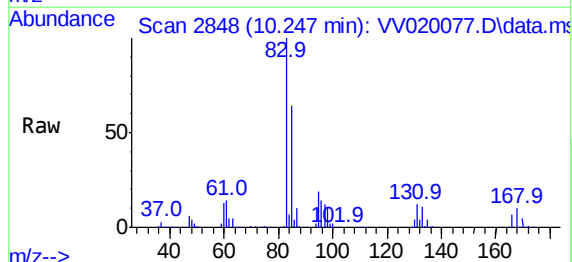
Instrument :
MSVOA_V
ClientSampleId :
VSTD05074

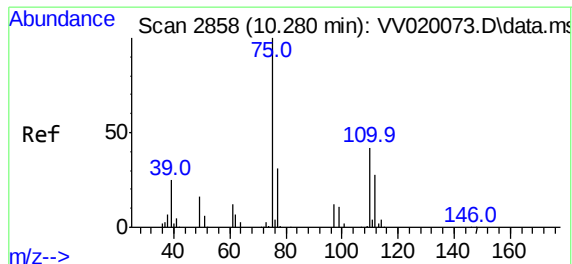
Tgt Ion:105 Resp: 580788
Ion Ratio Lower Upper
105 100
120 26.0 20.5 30.7
77 15.6 13.6 20.4



#58
1,1,2,2-Tetrachloroethane
Concen: 53.04 ug/L
RT: 10.247 min Scan# 2848
Delta R.T. -0.000 min
Lab File: VV020077.D
Acq: 20 Jan 2021 15:09

Tgt Ion: 83 Resp: 184603
Ion Ratio Lower Upper
83 100
85 64.3 44.3 82.3
131 11.7 7.3 10.9#

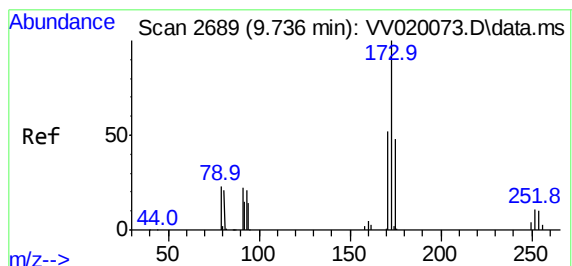
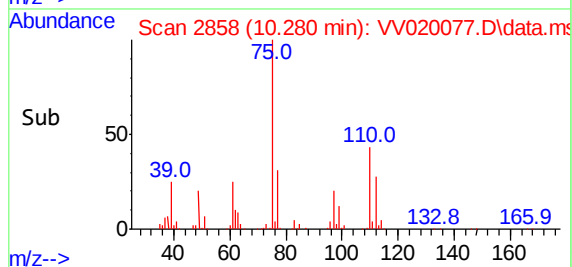
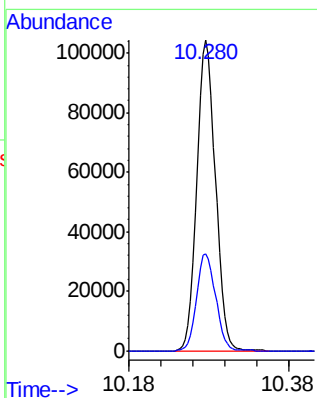
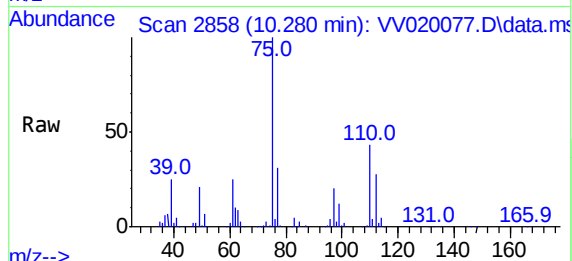




#59
1,2,3-Trichloropropane
Concen: 53.17 ug/L
RT: 10.280 min Scan# 2858
Delta R.T. -0.000 min
Lab File: VV020077.D
Acq: 20 Jan 2021 15:09

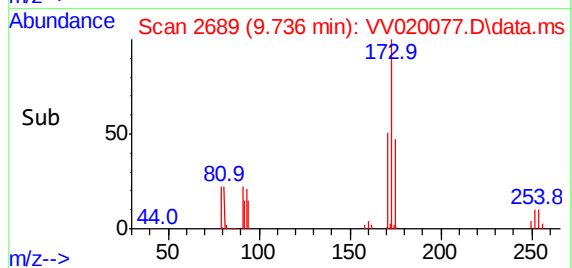
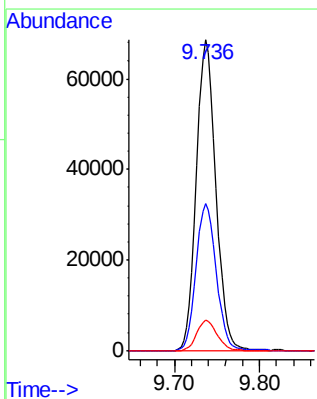
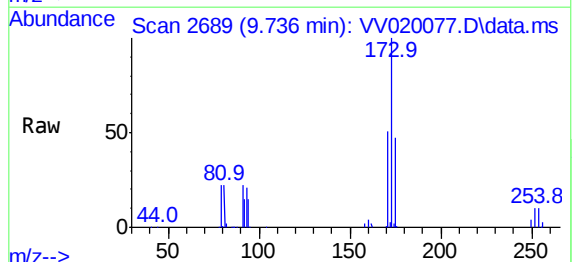
Instrument :
MSVOA_V
ClientSampleId :
VSTD05074

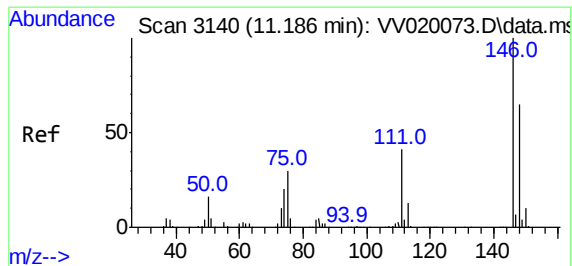
Tgt Ion: 75 Resp: 163494
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.0



#61
Bromoform
Concen: 55.15 ug/L
RT: 9.736 min Scan# 2689
Delta R.T. -0.000 min
Lab File: VV020077.D
Acq: 20 Jan 2021 15:09

Tgt Ion:173 Resp: 109097
Ion Ratio Lower Upper
173 100
175 48.7 38.6 57.8
254 9.9 6.5 9.7#

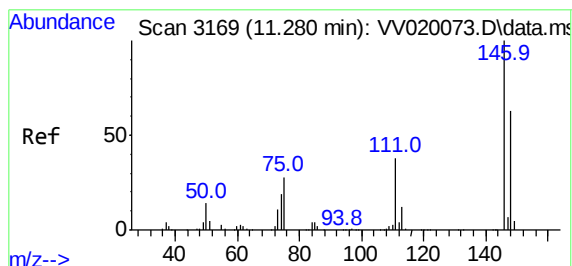
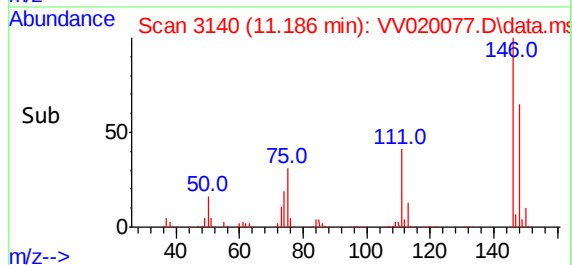
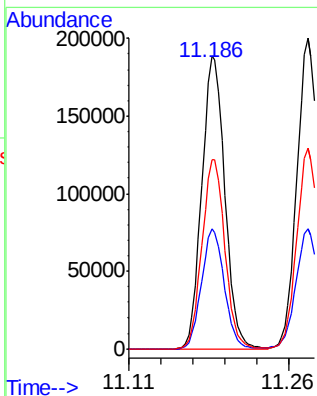
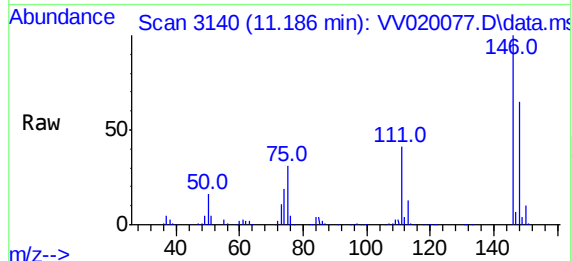




#62
1,3-Dichlorobenzene
Concen: 51.42 ug/L
RT: 11.186 min Scan# 3140
Delta R.T. 0.000 min
Lab File: VV020077.D
Acq: 20 Jan 2021 15:09

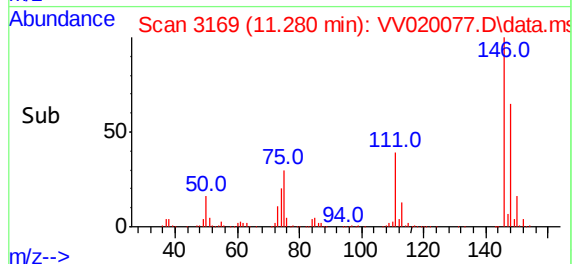
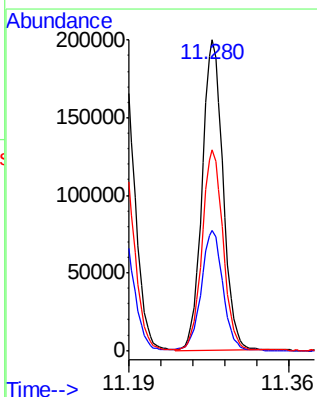
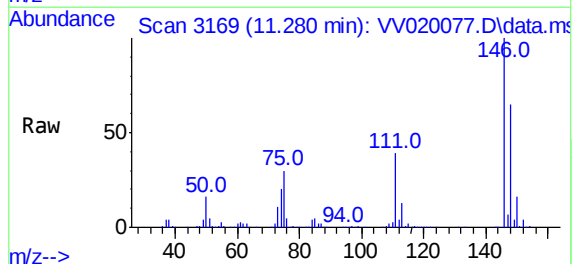
Instrument :
MSVOA_V
ClientSampleId :
VSTD05074

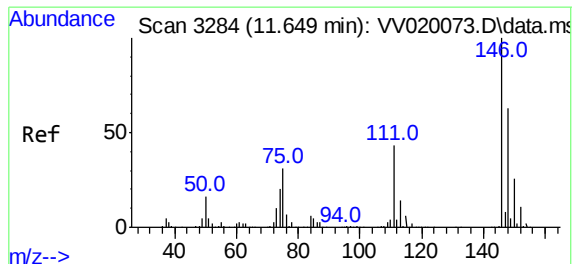
Tgt Ion:146 Resp: 291340
Ion Ratio Lower Upper
146 100
111 41.1 30.2 56.2
148 64.6 45.0 83.6



#63
1,4-Dichlorobenzene
Concen: 51.12 ug/L
RT: 11.280 min Scan# 3169
Delta R.T. -0.000 min
Lab File: VV020077.D
Acq: 20 Jan 2021 15:09

Tgt Ion:146 Resp: 298046
Ion Ratio Lower Upper
146 100
111 38.7 29.4 54.6
148 64.7 44.7 83.1

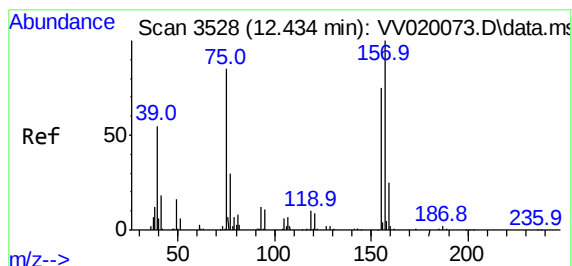
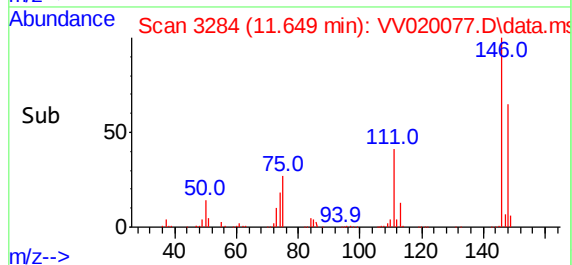
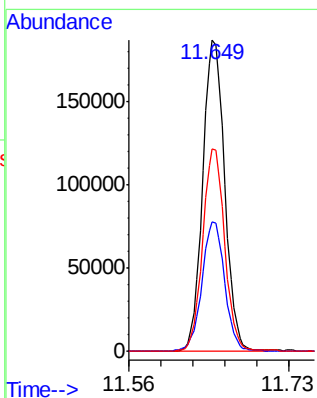
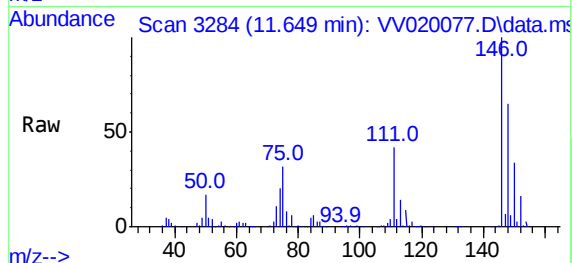




#65
1,2-Dichlorobenzene
Concen: 51.76 ug/L
RT: 11.649 min Scan# 3284
Delta R.T. 0.000 min
Lab File: VV020077.D
Acq: 20 Jan 2021 15:09

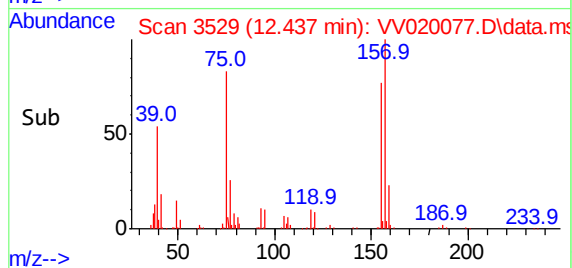
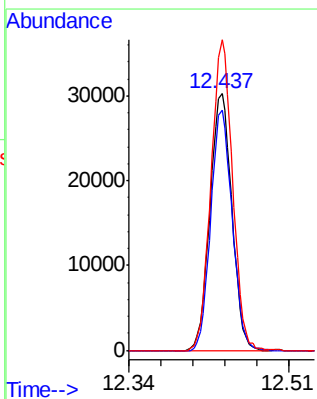
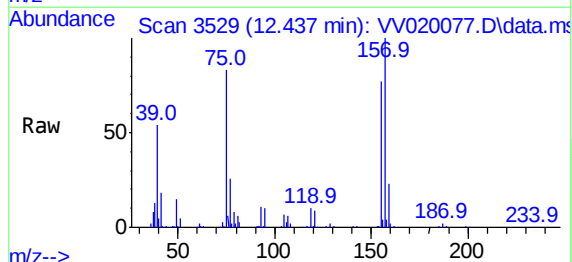
Instrument :
MSVOA_V
ClientSampleId :
VSTD05074

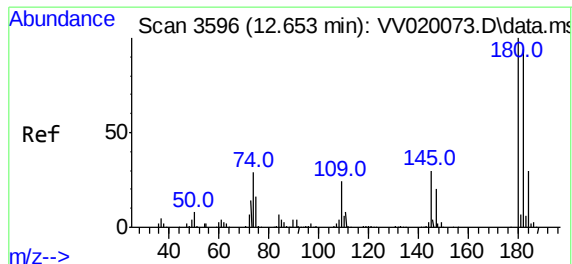
Tgt Ion:146 Resp: 294159
Ion Ratio Lower Upper
146 100
111 41.6 36.3 54.5
148 65.0 51.7 77.5



#66
1,2-Dibromo-3-chloropropane
Concen: 56.42 ug/L
RT: 12.437 min Scan# 3529
Delta R.T. 0.003 min
Lab File: VV020077.D
Acq: 20 Jan 2021 15:09

Tgt Ion: 75 Resp: 47803
Ion Ratio Lower Upper
75 100
155 93.6 59.1 88.7#
157 121.0 75.4 113.0#

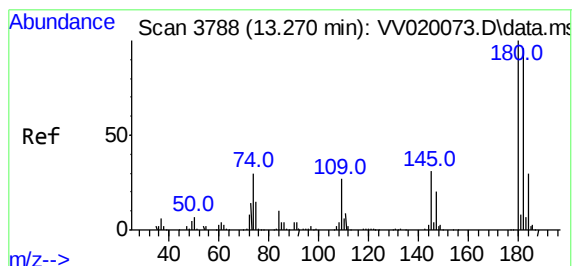
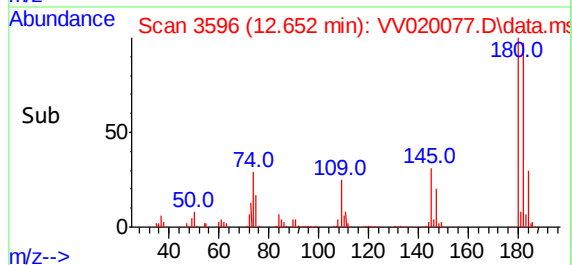
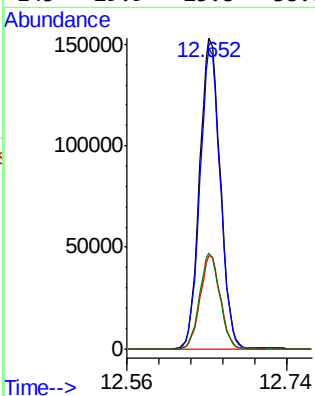
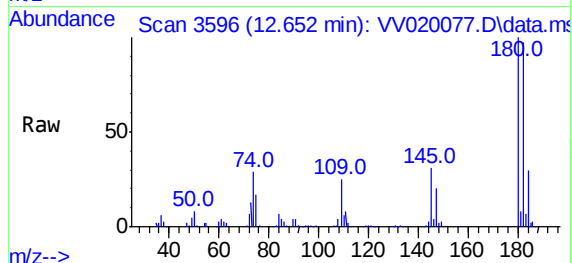




#67
1,3,5-Trichlorobenzene
Concen: 52.80 ug/L
RT: 12.652 min Scan# 3596
Delta R.T. -0.001 min
Lab File: VV020077.D
Acq: 20 Jan 2021 15:09

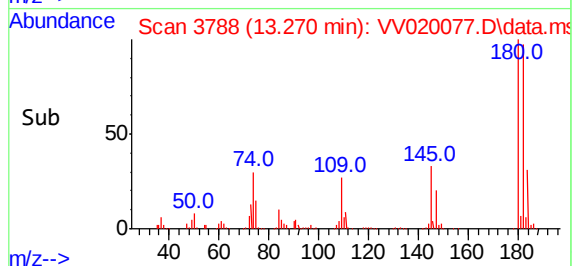
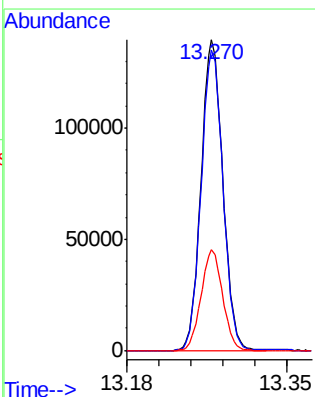
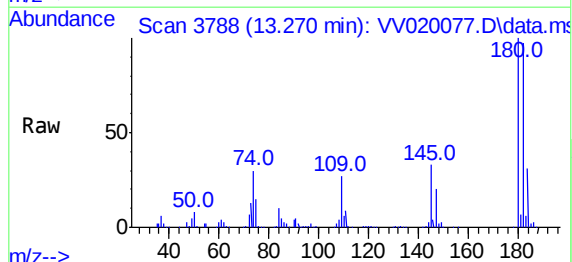
Instrument :
MSVOA_V
ClientSampleId :
VSTD05074

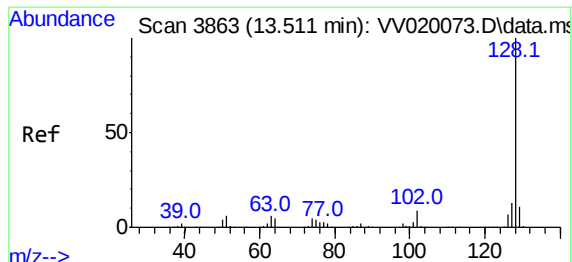
Tgt Ion:180 Resp: 235550
Ion Ratio Lower Upper
180 100
182 95.4 75.0 112.6
184 29.5 24.0 36.0
145 29.9 25.8 38.6



#68
1,2,4-trichlorobenzene
Concen: 52.49 ug/L
RT: 13.270 min Scan# 3788
Delta R.T. -0.000 min
Lab File: VV020077.D
Acq: 20 Jan 2021 15:09

Tgt Ion:180 Resp: 211260
Ion Ratio Lower Upper
180 100
182 97.2 75.1 112.7
145 32.1 26.8 40.2

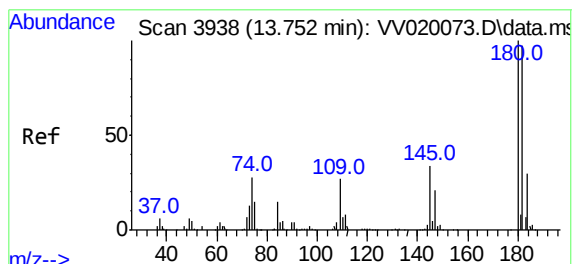
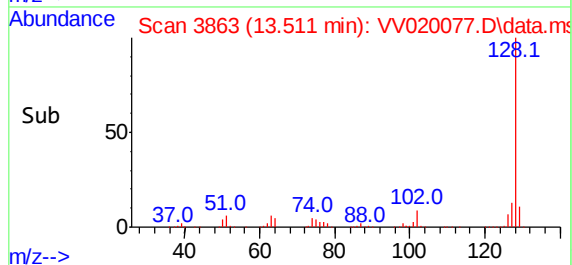
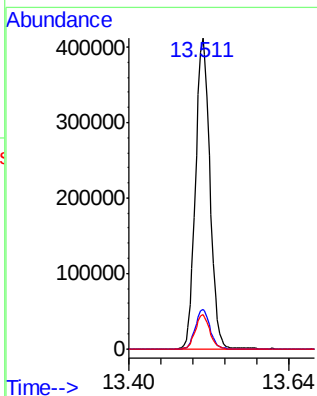
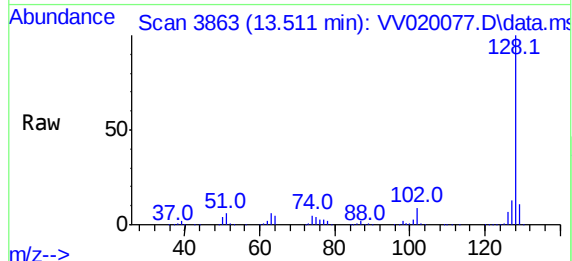




#69
Naphthalene
Concen: 58.34 ug/L
RT: 13.511 min Scan# 3863
Delta R.T. -0.000 min
Lab File: VV020077.D
Acq: 20 Jan 2021 15:09

Instrument :
MSVOA_V
ClientSampleId :
VSTD05074

Tgt Ion:128 Resp: 621579
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.8 8.6 13.0



#70
1,2,3-Trichlorobenzene
Concen: 55.47 ug/L
RT: 13.752 min Scan# 3938
Delta R.T. 0.000 min
Lab File: VV020077.D
Acq: 20 Jan 2021 15:09

Tgt Ion:180 Resp: 212548
Ion Ratio Lower Upper
180 100
182 96.0 76.1 114.1
145 33.2 27.9 41.9

