

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041321\
 Data File : VW021002.D
 Acq On : 13 Apr 2021 16:11
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05079

Quant Time: Apr 14 03:46:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM041321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 14 03:24:48 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	521855	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	509492	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	298291	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	138695	46.56	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	93.12%		
7) Chloroethane-d5	1.571	69	109737	47.09	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	94.18%		
11) 1,1-Dichloroethene-d2	2.111	63	307104	48.11	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	96.22%		
21) 2-Butanone-d5	3.902	46	185802	104.60	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	104.60%		
24) Chloroform-d	4.355	84	350960	46.72	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.44%		
26) 1,2-Dichloroethane-d4	5.037	65	235311	48.19	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.38%		
32) Benzene-d6	5.053	84	626741	50.28	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.56%		
36) 1,2-Dichloropropane-d6	6.075	67	174757	48.80	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.60%		
41) Toluene-d8	7.320	98	635282	49.79	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.58%		
43) trans-1,3-Dichloroprop...	7.625	79	109469	49.74	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	99.48%		
47) 2-Hexanone-d5	8.095	63	151944	101.66	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	101.66%		
57) 1,1,2,2-Tetrachloroeth...	10.220	84	270327	48.31	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	96.62%		
64) 1,2-Dichlorobenzene-d4	11.631	152	297369	49.17	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.34%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.133	85	219253	48.36	ug/L	99
3) Chloromethane	1.243	50	140911	43.07	ug/L	98
5) Vinyl chloride	1.314	62	159999	48.10	ug/L	94
6) Bromomethane	1.526	94	114996	55.72	ug/L	98
8) Chloroethane	1.590	64	108068	44.33	ug/L	99
9) Trichlorofluoromethane	1.754	101	375788	49.21	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	180147	48.01	ug/L	99
12) 1,1-Dichloroethene	2.121	96	161459	49.56	ug/L	96
13) Acetone	2.195	43	148057	92.24	ug/L	99
14) Carbon disulfide	2.297	76	446416	47.28	ug/L	100
15) Methyl Acetate	2.442	43	134216	50.03	ug/L	100
16) Methylene chloride	2.510	84	172675	48.61	ug/L	99
17) trans-1,2-Dichloroethene	2.764	96	170209	47.68	ug/L	95
18) Methyl tert-butyl Ether	2.773	73	547171	50.20	ug/L	99
19) 1,1-Dichloroethane	3.194	63	295910	48.71	ug/L	97
20) cis-1,2-Dichloroethene	3.915	96	184613	48.77	ug/L	96
22) 2-Butanone	3.982	43	196751	98.72	ug/L	94
23) Bromochloromethane	4.252	128	108516	48.36	ug/L	95
25) Chloroform	4.381	83	367469	49.55	ug/L	99
27) 1,2-Dichloroethane	5.133	62	281568	48.10	ug/L	97

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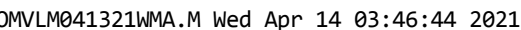
Instrument :
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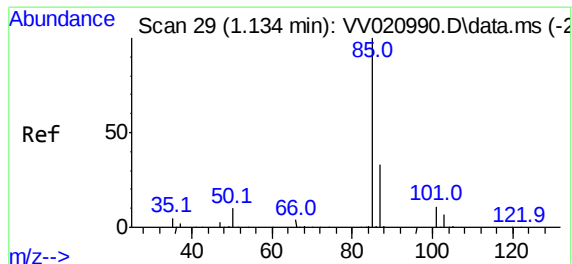
Quant Time: Apr 14 03:46:37 2021
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 Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	4.680	56	244706	52.59	ug/L	98
30) 1,1,1-Trichloroethane	4.612	97	356668	49.41	ug/L	98
31) Carbon tetrachloride	4.831	117	332023	48.83	ug/L	100
33) Benzene	5.104	78	671707	50.34	ug/L	100
34) Trichloroethene	5.918	95	191362	49.35	ug/L	95
35) Methylcyclohexane	6.133	83	292888	51.02	ug/L	100
37) 1,2-Dichloropropane	6.178	63	158449	49.75	ug/L	100
38) Bromodichloromethane	6.513	83	273290	49.18	ug/L	99
39) cis-1,3-Dichloropropene	7.030	75	293394	53.55	ug/L	97
40) 4-Methyl-2-pentanone	7.230	43	384509	102.88	ug/L	100
42) Toluene	7.390	91	782952	50.56	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	289496	49.61	ug/L	98
45) 1,1,2-Trichloroethane	7.844	97	184617	50.38	ug/L	99
46) Tetrachloroethene	7.979	164	184371	48.14	ug/L	98
48) 2-Hexanone	8.143	43	293789	98.45	ug/L	99
49) Dibromochloromethane	8.249	129	246355	49.30	ug/L	97
50) 1,2-Dibromoethane	8.355	107	203311	49.39	ug/L	100
51) Chlorobenzene	8.886	112	531876	49.29	ug/L	98
52) Ethylbenzene	9.017	91	893489	50.47	ug/L	100
53) m,p-Xylene	9.143	106	348691	50.39	ug/L	100
54) o-xylene	9.548	106	343302	52.01	ug/L	96
55) Styrene	9.564	104	583722	52.11	ug/L	99
56) Isopropylbenzene	9.937	105	944242	51.50	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.246	83	282565	48.48	ug/L	99
59) 1,2,3-Trichloropropane	10.278	75	227951	48.85	ug/L	99
61) Bromoform	9.734	173	192807	48.43	ug/L	100
62) 1,3-Dichlorobenzene	11.188	146	473689	49.19	ug/L	99
63) 1,4-Dichlorobenzene	11.278	146	485796	49.02	ug/L	98
65) 1,2-Dichlorobenzene	11.648	146	481521	49.70	ug/L	99
66) 1,2-Dibromo-3-chloropr...	12.435	75	71279	48.57	ug/L	94
67) 1,3,5-Trichlorobenzene	12.651	180	385744	48.66	ug/L	100
68) 1,2,4-trichlorobenzene	13.268	180	313650	47.59	ug/L	98
69) Naphthalene	13.509	128	887685	51.06	ug/L	100
70) 1,2,3-Trichlorobenzene	13.750	180	334495	50.67	ug/L	98

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

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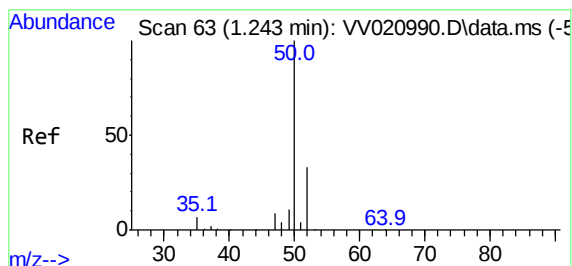
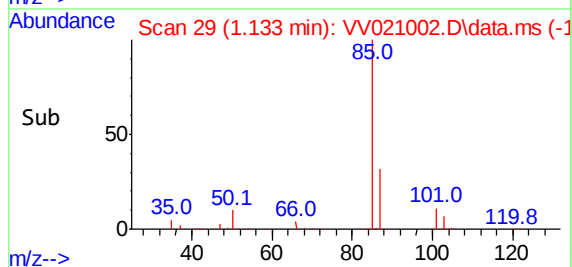
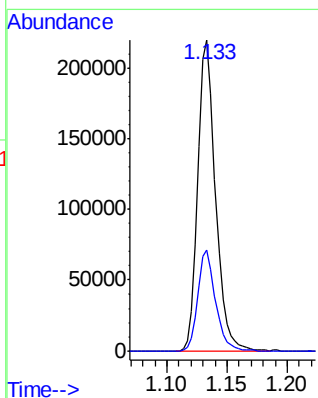
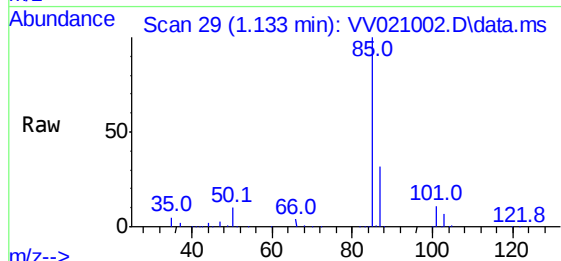


#2
 Dichlorodifluoromethane
 Concen: 48.36 ug/L
 RT: 1.133 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VV021002.D
 Acq: 13 Apr 2021 16:11

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05079

Tgt Ion: 85 Resp: 219253

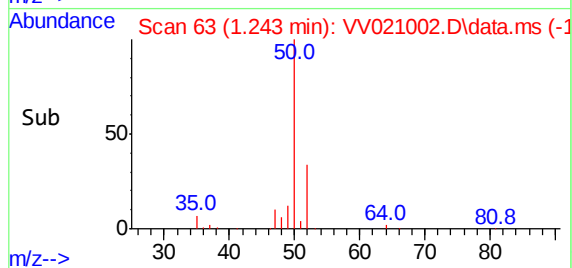
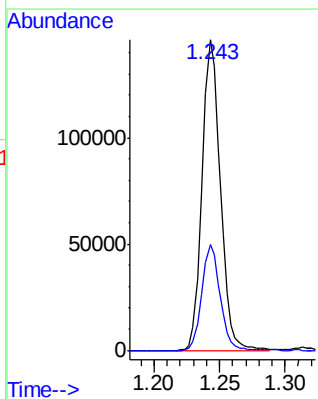
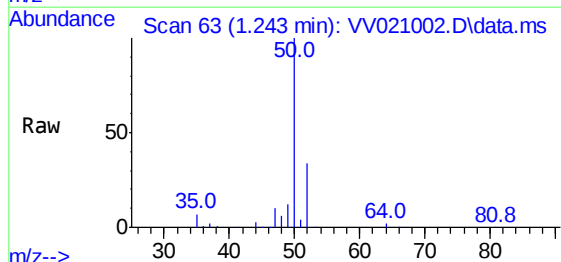
Ion	Ratio	Lower	Upper
85	100		
87	32.1	26.2	39.2

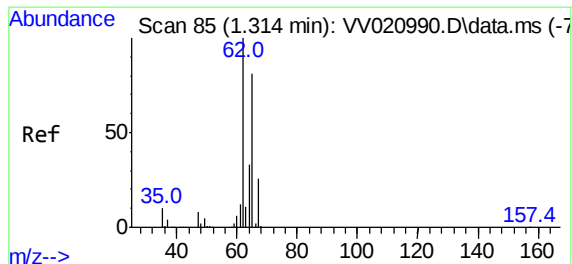


#3
 Chloromethane
 Concen: 43.07 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. -0.000 min
 Lab File: VV021002.D
 Acq: 13 Apr 2021 16:11

Tgt Ion: 50 Resp: 140911

Ion	Ratio	Lower	Upper
50	100		
52	33.9	22.9	42.5

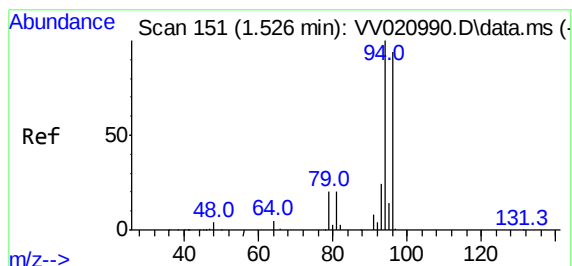
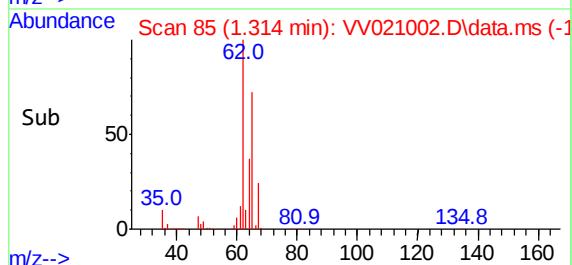
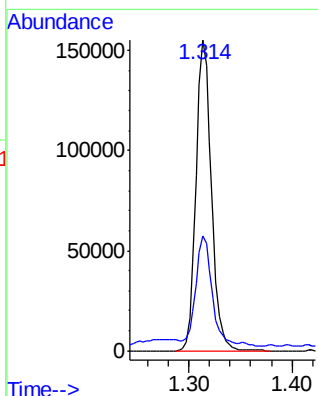
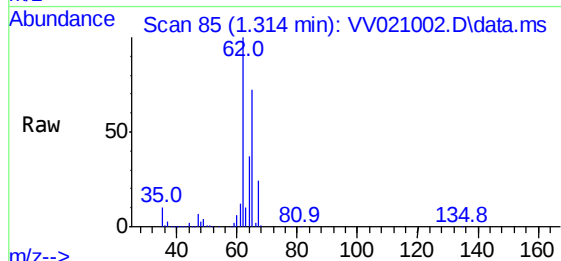




#5
 Vinyl chloride
 Concen: 48.10 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. -0.000 min
 Lab File: VV021002.D
 Acq: 13 Apr 2021 16:11

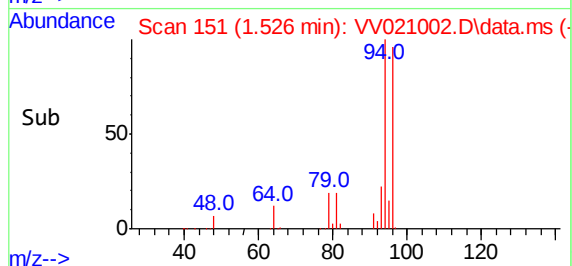
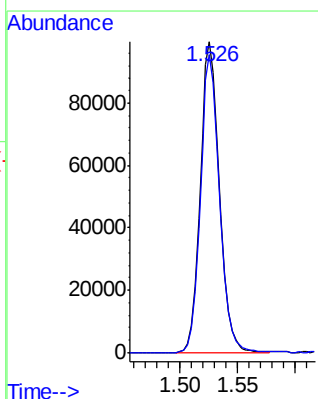
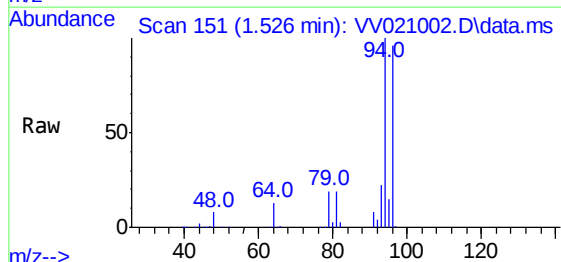
Instrument :
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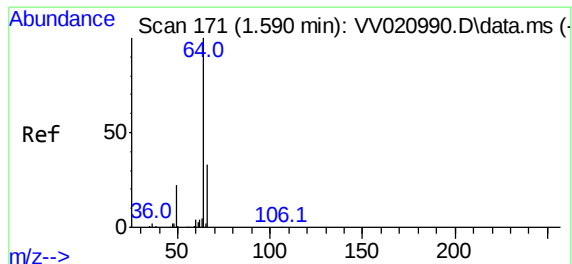
Tgt Ion: 62 Resp: 159999
 Ion Ratio Lower Upper
 62 100
 64 37.0 23.6 43.8



#6
 Bromomethane
 Concen: 55.72 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. -0.000 min
 Lab File: VV021002.D
 Acq: 13 Apr 2021 16:11

Tgt Ion: 94 Resp: 114996
 Ion Ratio Lower Upper
 94 100
 96 95.7 65.8 122.2

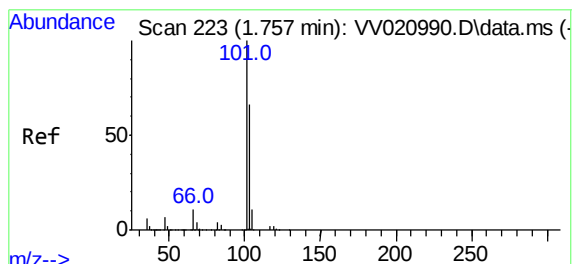
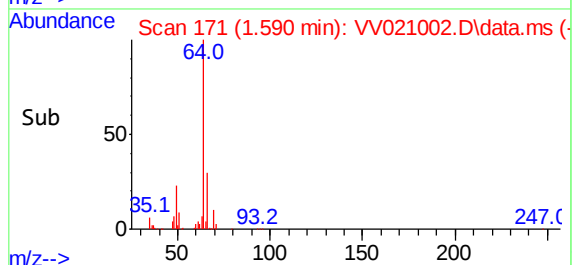
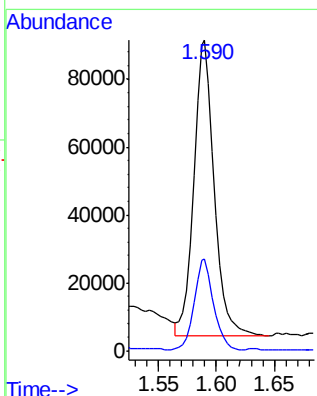
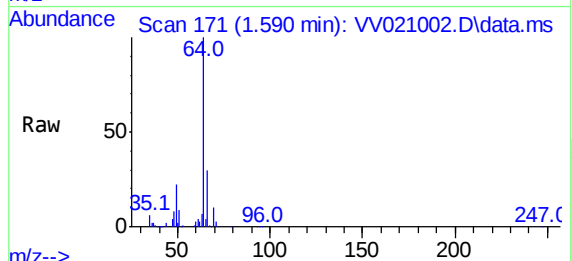




#8
Chloroethane
Concen: 44.33 ug/L
RT: 1.590 min Scan# 171
Delta R.T. -0.000 min
Lab File: VV021002.D
Acq: 13 Apr 2021 16:11

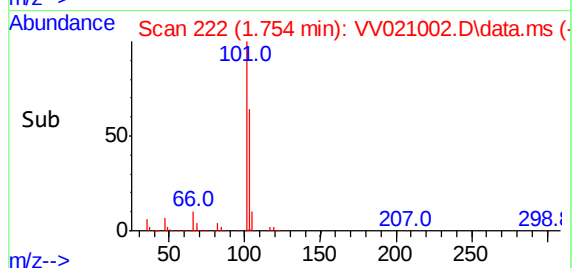
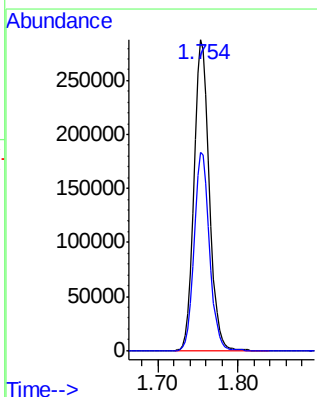
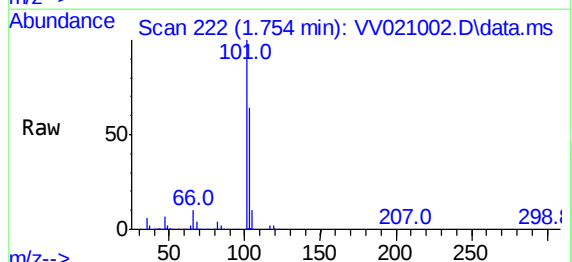
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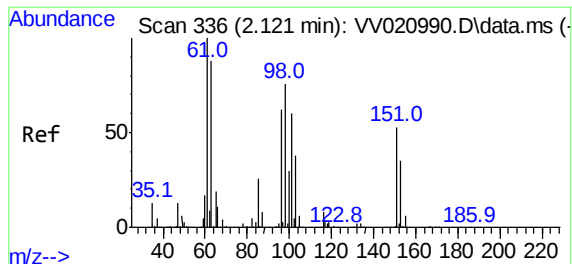
Tgt Ion: 64 Resp: 108068
Ion Ratio Lower Upper
64 100
66 29.5 20.9 38.9



#9
Trichlorofluoromethane
Concen: 49.21 ug/L
RT: 1.754 min Scan# 222
Delta R.T. -0.003 min
Lab File: VV021002.D
Acq: 13 Apr 2021 16:11

Tgt Ion:101 Resp: 375788
Ion Ratio Lower Upper
101 100
103 63.7 52.0 78.0

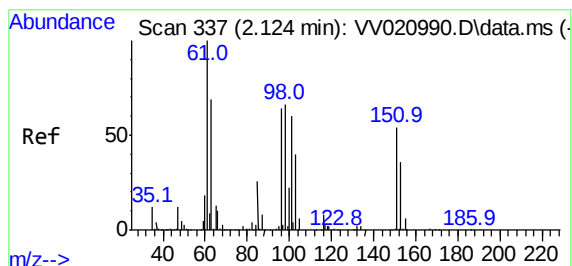
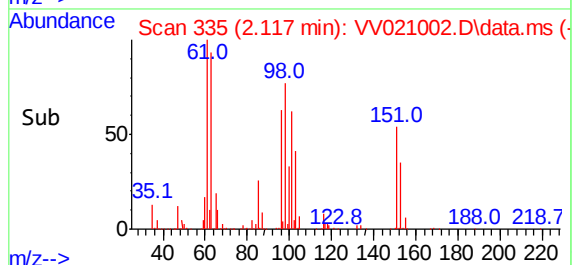
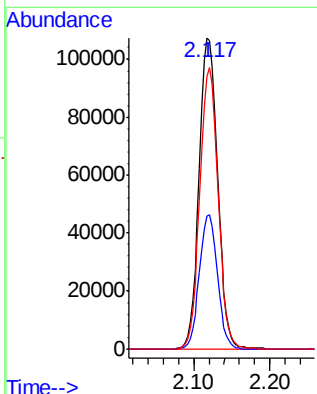
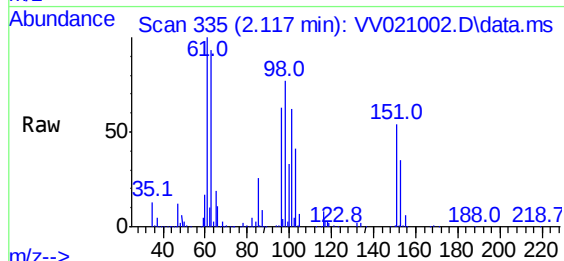




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 48.01 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.003 min
 Lab File: VV021002.D
 Acq: 13 Apr 2021 16:11

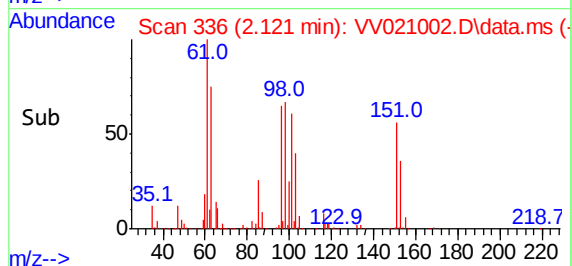
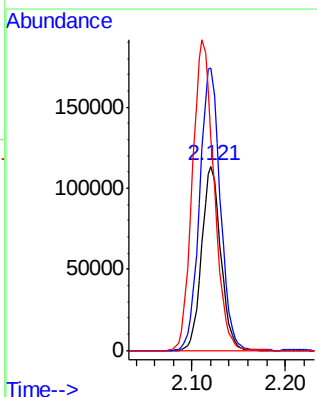
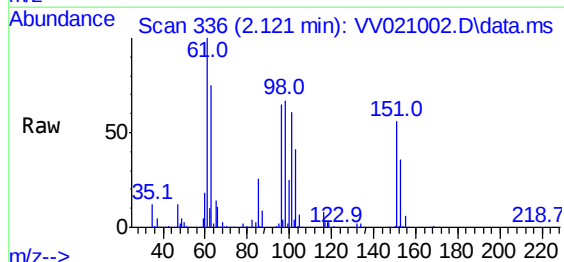
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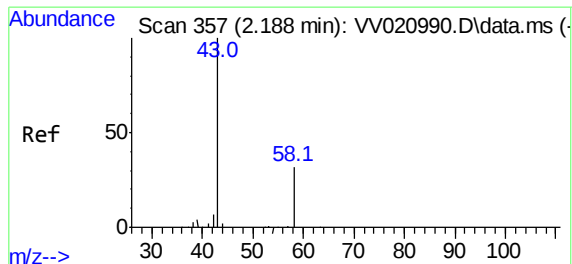
Tgt Ion:101 Resp: 180147
 Ion Ratio Lower Upper
 101 100
 85 41.9 34.6 52.0
 151 89.0 71.0 106.4



#12
 1,1-Dichloroethene
 Concen: 49.56 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. -0.003 min
 Lab File: VV021002.D
 Acq: 13 Apr 2021 16:11

Tgt Ion: 96 Resp: 161459
 Ion Ratio Lower Upper
 96 100
 61 153.2 109.7 203.7
 63 115.3 76.9 142.9

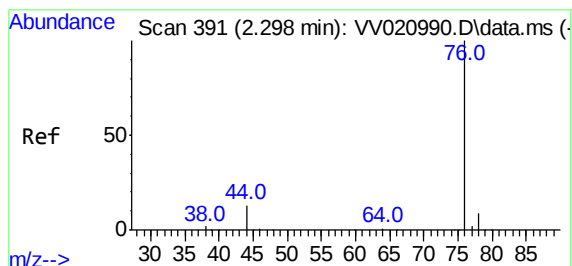
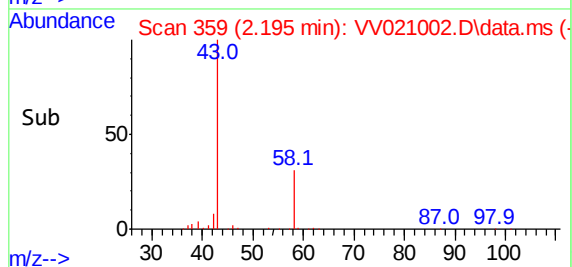
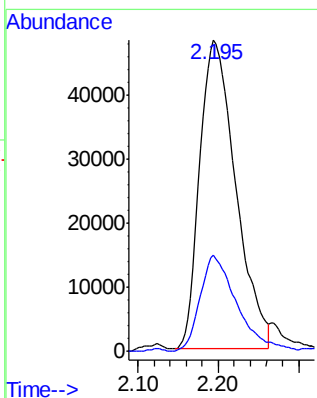
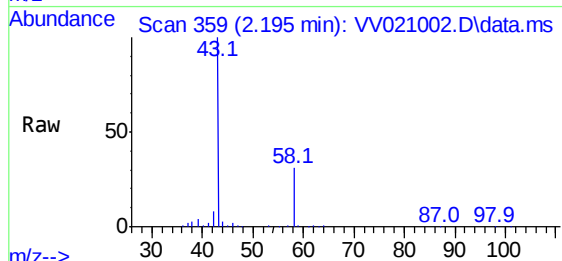




#13
Acetone
Concen: 92.24 ug/L
RT: 2.195 min Scan# 359
Delta R.T. 0.006 min
Lab File: VV021002.D
Acq: 13 Apr 2021 16:11

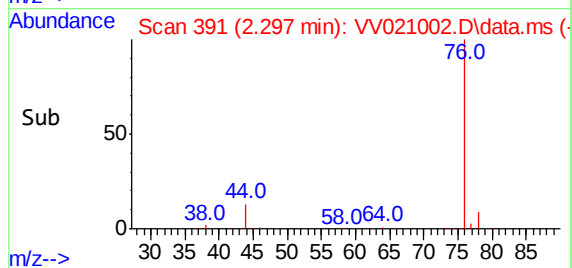
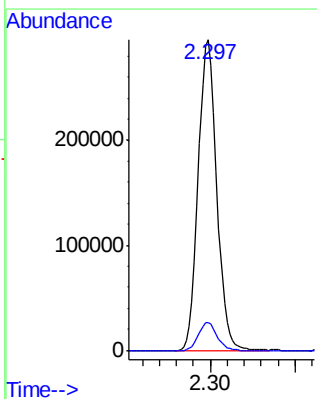
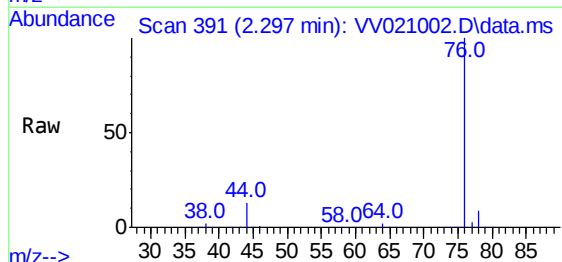
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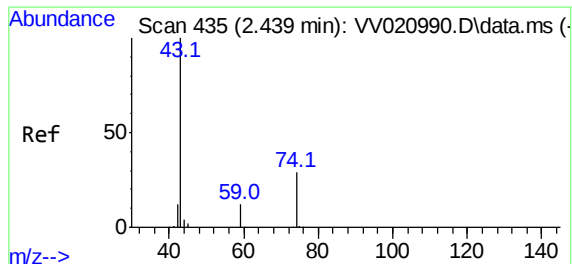
Tgt Ion: 43 Resp: 148057
Ion Ratio Lower Upper
43 100
58 31.2 0.0 61.6



#14
Carbon disulfide
Concen: 47.28 ug/L
RT: 2.297 min Scan# 391
Delta R.T. -0.000 min
Lab File: VV021002.D
Acq: 13 Apr 2021 16:11

Tgt Ion: 76 Resp: 446416
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9

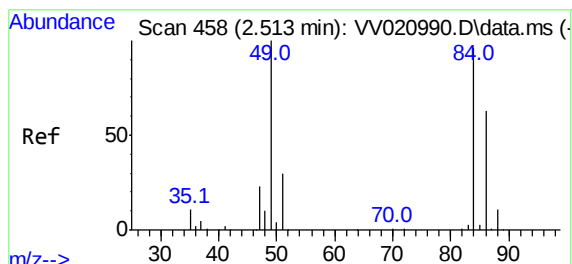
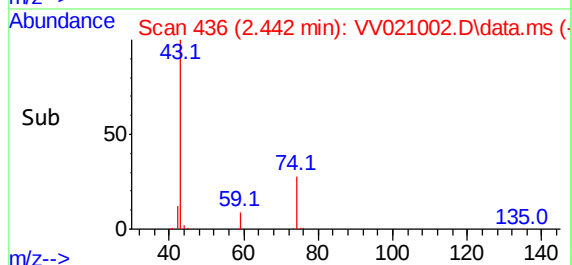
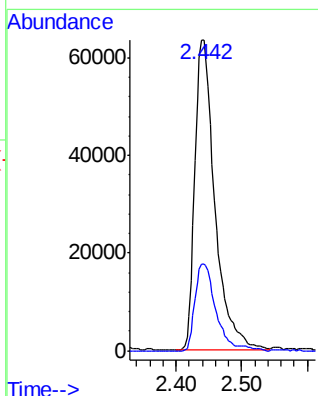
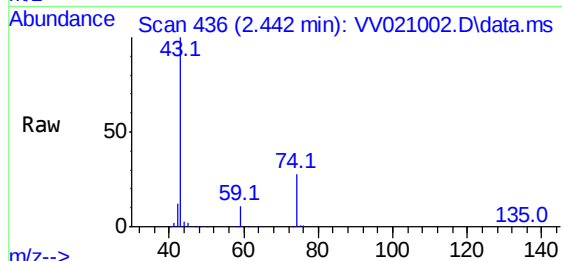




#15
Methyl Acetate
Concen: 50.03 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.003 min
Lab File: VV021002.D
Acq: 13 Apr 2021 16:11

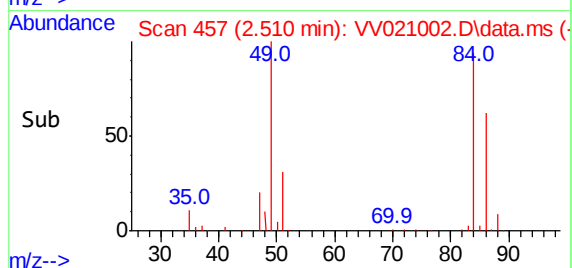
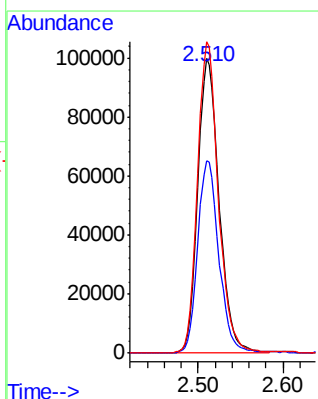
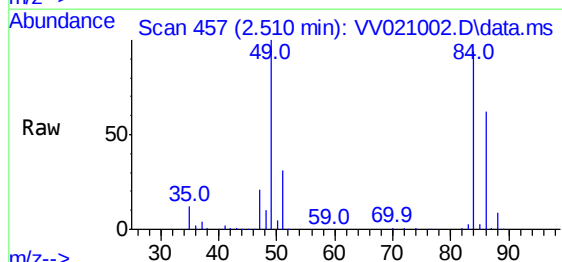
Instrument :
MSVOA_V
ClientSampleId :
VSTD05079

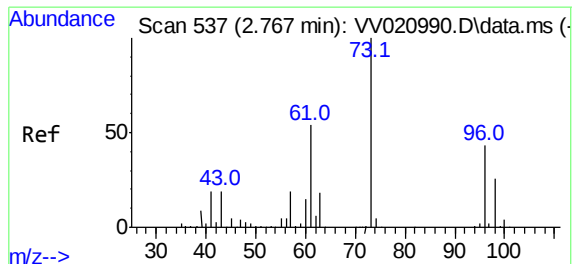
Tgt Ion: 43 Resp: 134216
Ion Ratio Lower Upper
43 100
74 28.2 22.6 34.0



#16
Methylene chloride
Concen: 48.61 ug/L
RT: 2.510 min Scan# 457
Delta R.T. -0.003 min
Lab File: VV021002.D
Acq: 13 Apr 2021 16:11

Tgt Ion: 84 Resp: 172675
Ion Ratio Lower Upper
84 100
86 65.4 45.5 84.5
49 105.9 72.7 134.9

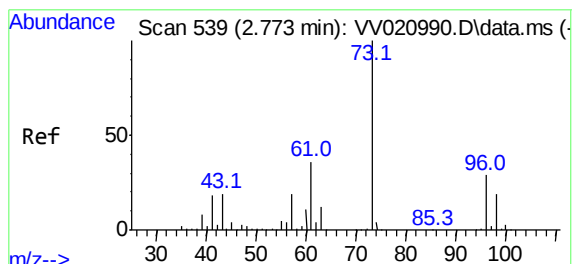
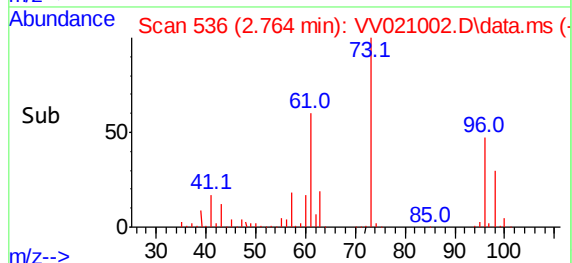
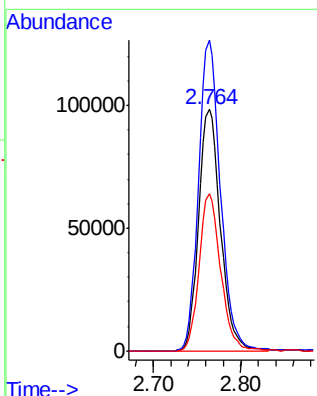
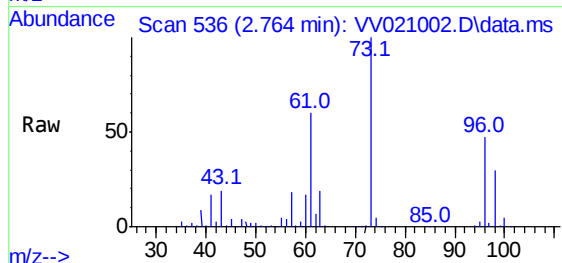




#17
trans-1,2-Dichloroethene
Concen: 47.68 ug/L
RT: 2.764 min Scan# 536
Delta R.T. -0.003 min
Lab File: VV021002.D
Acq: 13 Apr 2021 16:11

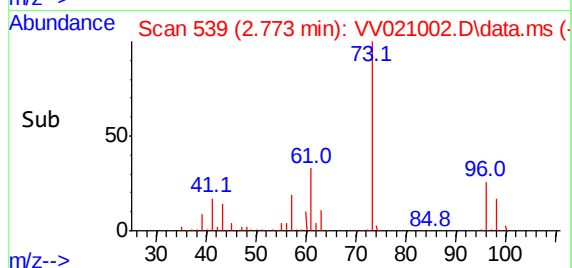
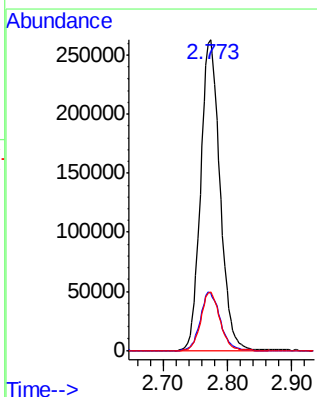
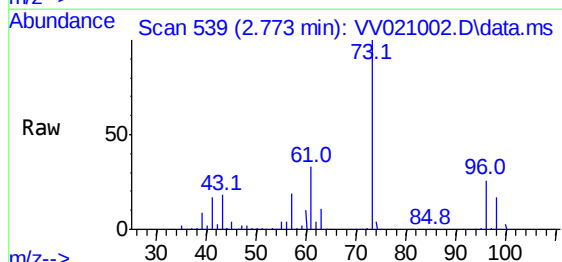
Instrument :
MSVOA_V
ClientSampleId :
VSTD05079

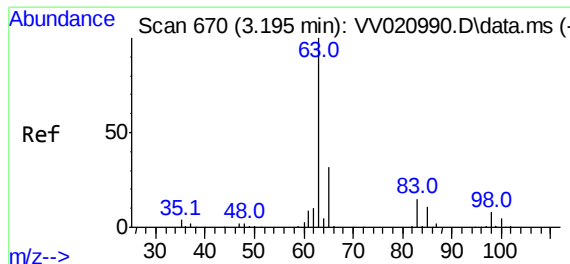
Tgt Ion: 96 Resp: 170209
Ion Ratio Lower Upper
96 100
61 128.7 86.7 160.9
98 65.0 42.1 78.3



#18
Methyl tert-butyl Ether
Concen: 50.20 ug/L
RT: 2.773 min Scan# 539
Delta R.T. -0.000 min
Lab File: VV021002.D
Acq: 13 Apr 2021 16:11

Tgt Ion: 73 Resp: 547171
Ion Ratio Lower Upper
73 100
43 18.8 15.2 22.8
57 18.5 15.2 22.8



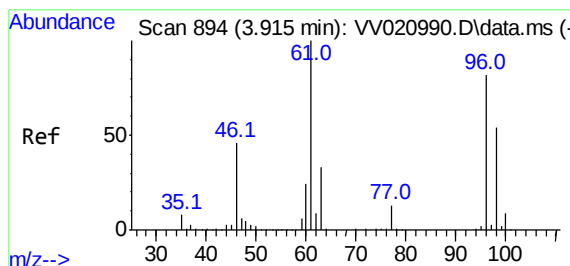
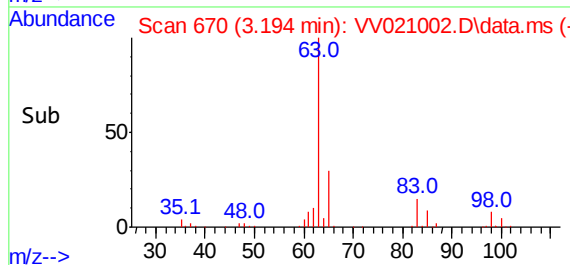
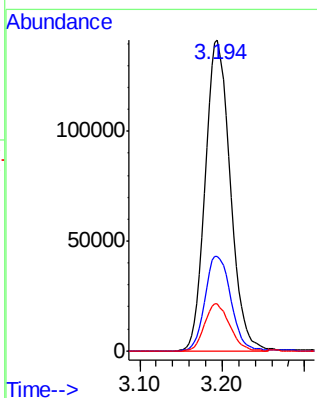
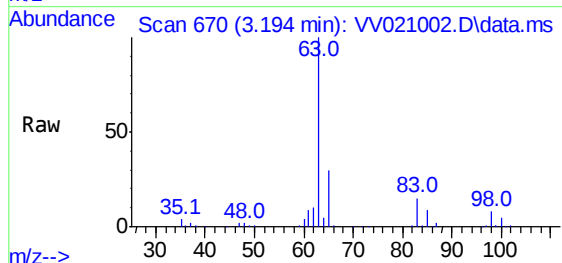


#19
1,1-Dichloroethane
Concen: 48.71 ug/L
RT: 3.194 min Scan# 670
Delta R.T. -0.000 min
Lab File: VV021002.D
Acq: 13 Apr 2021 16:11

Instrument :
MSVOA_V
ClientSampleId :
VSTD05079

Tgt Ion: 63 Resp: 295910

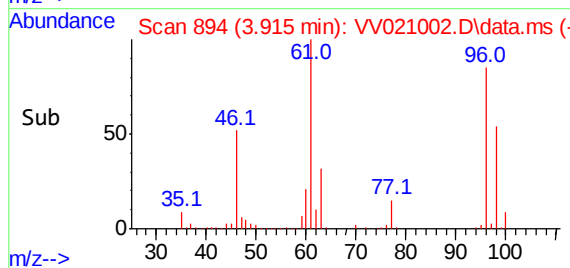
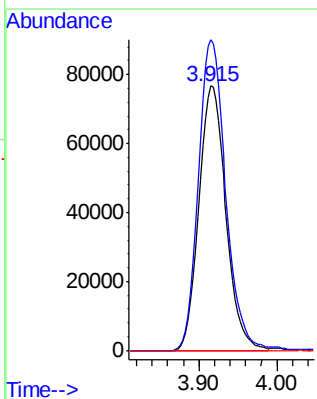
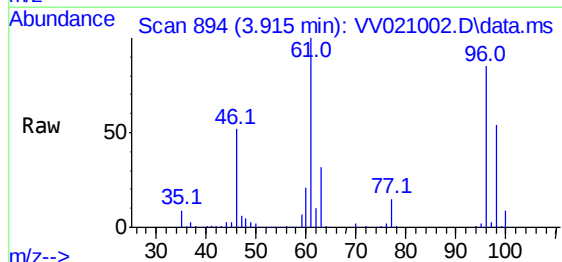
Ion	Ratio	Lower	Upper
63	100		
65	30.2	22.4	41.6
83	15.0	10.9	20.2

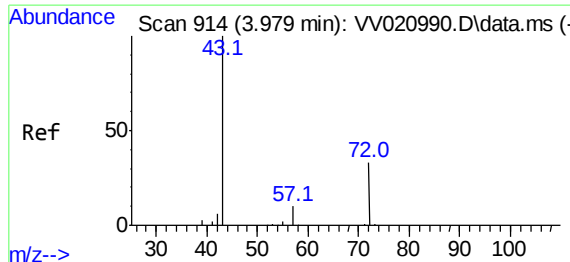


#20
cis-1,2-Dichloroethene
Concen: 48.77 ug/L
RT: 3.915 min Scan# 894
Delta R.T. -0.000 min
Lab File: VV021002.D
Acq: 13 Apr 2021 16:11

Tgt Ion: 96 Resp: 184613

Ion	Ratio	Lower	Upper
96	100		
61	117.6	85.4	158.6
68	0.0	0.0	0.0

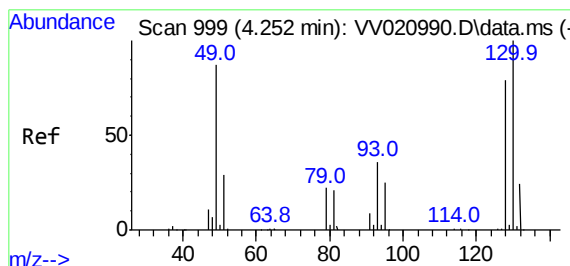
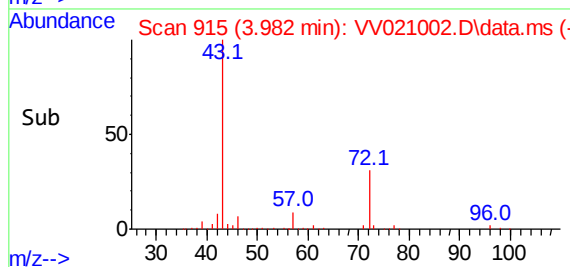
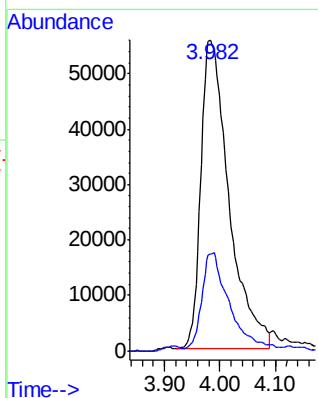
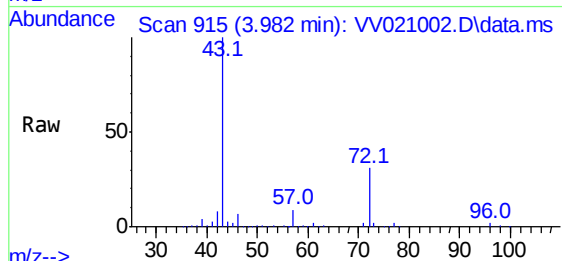




#22
2-Butanone
Concen: 98.72 ug/L
RT: 3.982 min Scan# 915
Delta R.T. 0.003 min
Lab File: VV021002.D
Acq: 13 Apr 2021 16:11

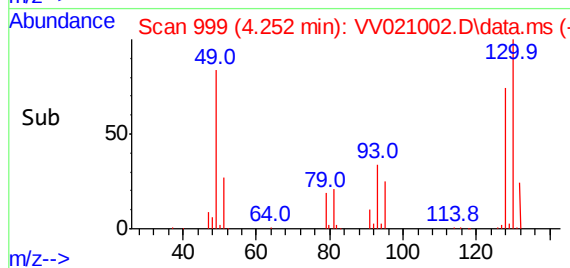
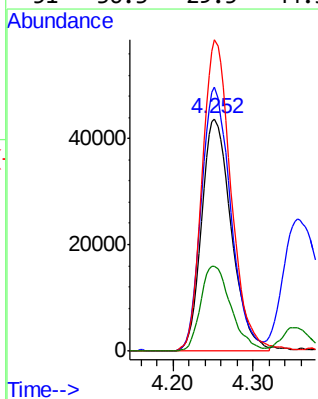
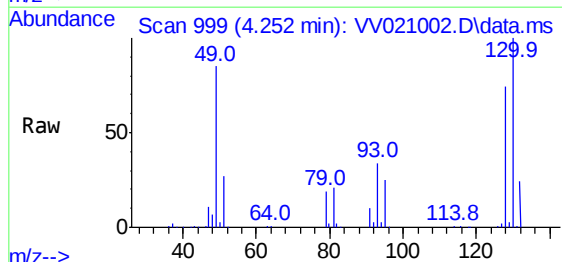
Instrument :
MSVOA_V
ClientSampleId :
VSTD05079

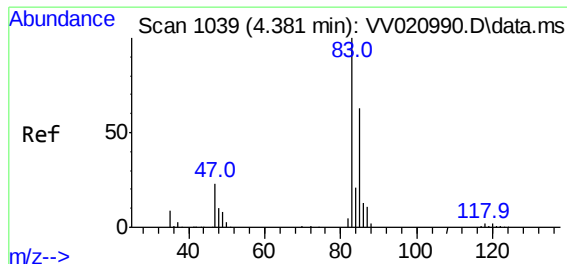
Tgt Ion: 43 Resp: 196751
Ion Ratio Lower Upper
43 100
72 28.5 16.0 48.0



#23
Bromochloromethane
Concen: 48.36 ug/L
RT: 4.252 min Scan# 999
Delta R.T. -0.000 min
Lab File: VV021002.D
Acq: 13 Apr 2021 16:11

Tgt Ion: 128 Resp: 108516
Ion Ratio Lower Upper
128 100
49 113.7 77.0 143.0
130 134.2 88.7 164.7
51 36.3 29.5 44.3

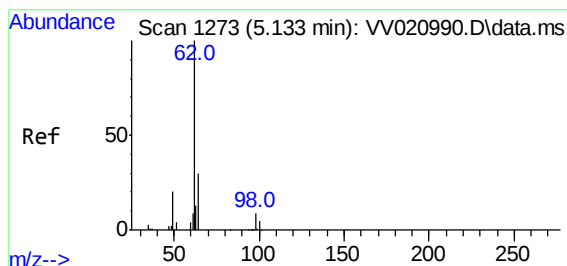
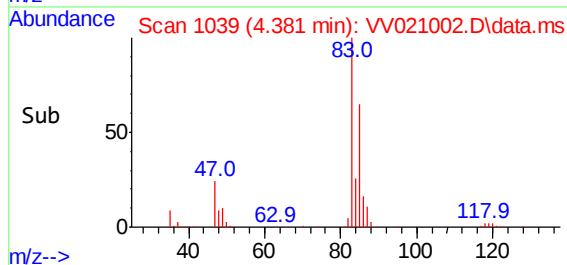
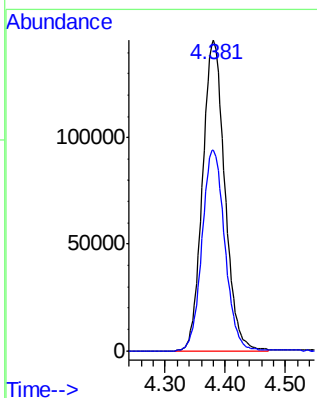
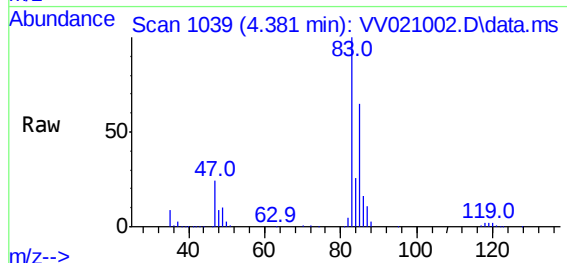




#25
Chloroform
Concen: 49.55 ug/L
RT: 4.381 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VV021002.D
Acq: 13 Apr 2021 16:11

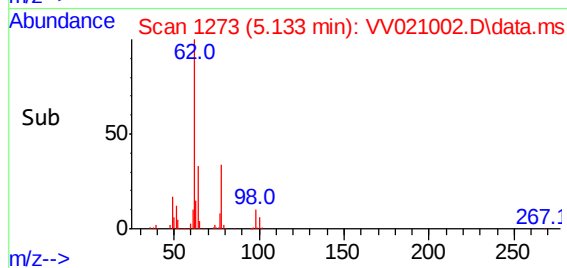
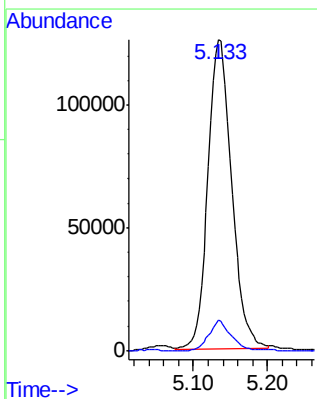
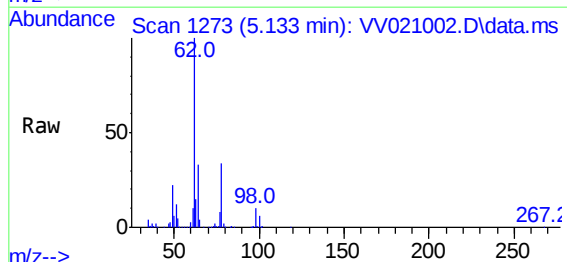
Instrument :
MSVOA_V
ClientSampleId :
VSTD05079

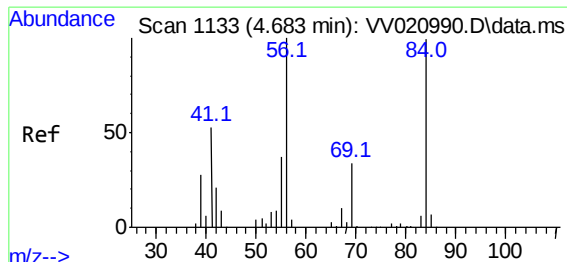
Tgt Ion: 83 Resp: 367469
Ion Ratio Lower Upper
83 100
85 64.5 44.4 82.5



#27
1,2-Dichloroethane
Concen: 48.10 ug/L
RT: 5.133 min Scan# 1273
Delta R.T. -0.000 min
Lab File: VV021002.D
Acq: 13 Apr 2021 16:11

Tgt Ion: 62 Resp: 281568
Ion Ratio Lower Upper
62 100
98 9.7 6.8 10.2





#29

Cyclohexane

Concen: 52.59 ug/L

RT: 4.680 min Scan# 1132

Delta R.T. -0.003 min

Lab File: VV021002.D

Acq: 13 Apr 2021 16:11

Instrument :

MSVOA_V

ClientSampleId :

VSTD05079

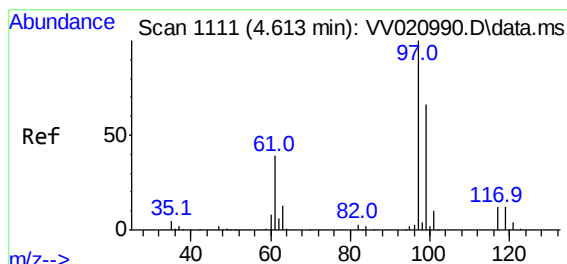
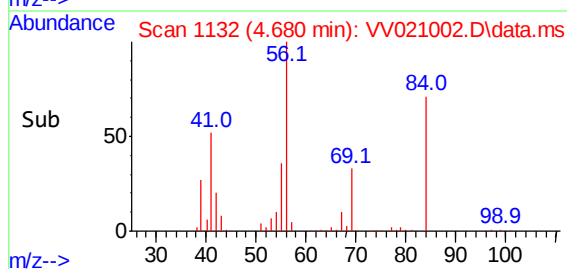
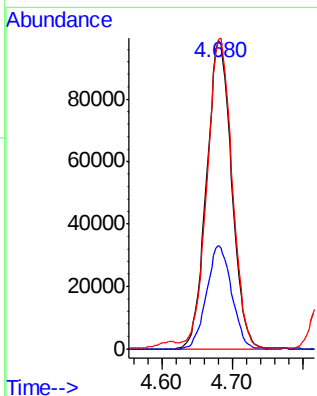
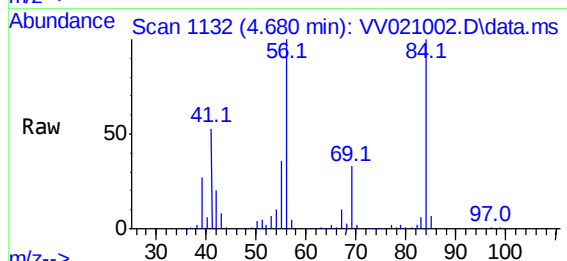
Tgt Ion: 56 Resp: 244706

Ion Ratio Lower Upper

56 100

69 33.3 26.9 40.3

84 101.2 79.3 118.9



#30

1,1,1-Trichloroethane

Concen: 49.41 ug/L

RT: 4.612 min Scan# 1111

Delta R.T. -0.000 min

Lab File: VV021002.D

Acq: 13 Apr 2021 16:11

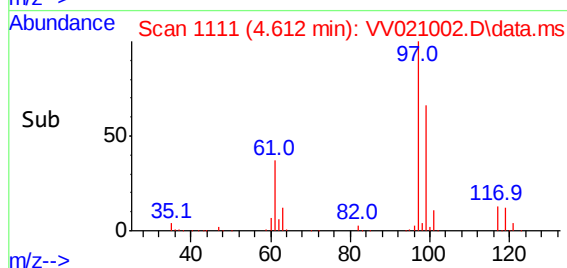
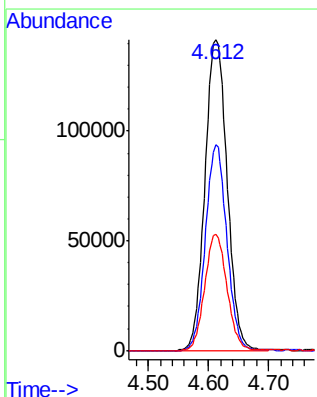
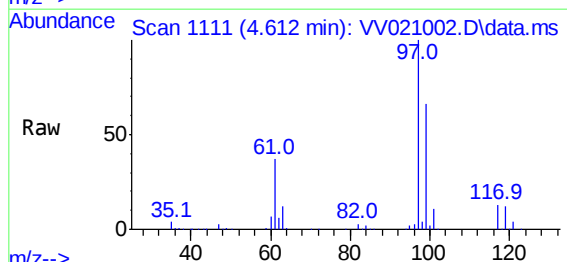
Tgt Ion: 97 Resp: 356668

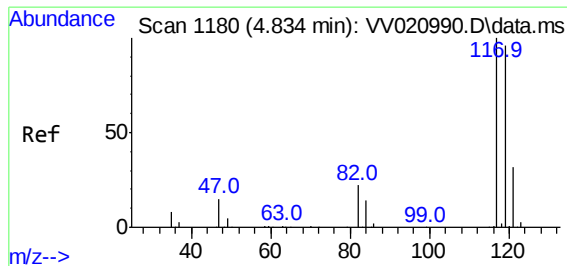
Ion Ratio Lower Upper

97 100

99 63.7 52.1 78.1

61 37.4 31.0 46.6

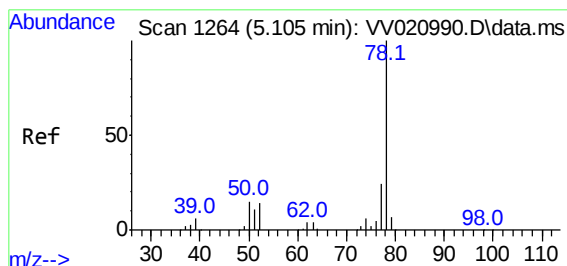
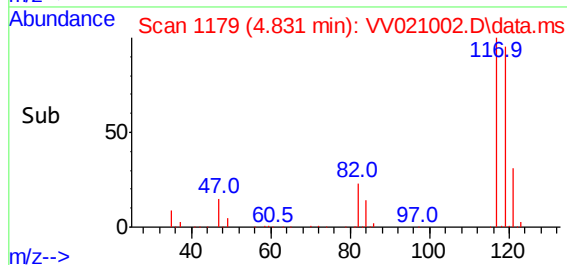
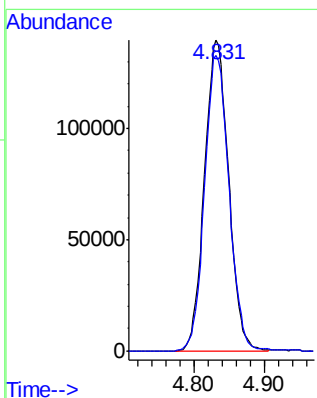
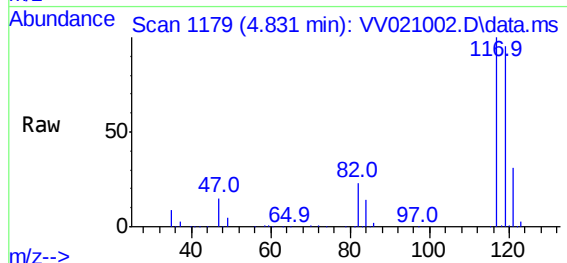




#31
Carbon tetrachloride
Concen: 48.83 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. -0.003 min
Lab File: VV021002.D
Acq: 13 Apr 2021 16:11

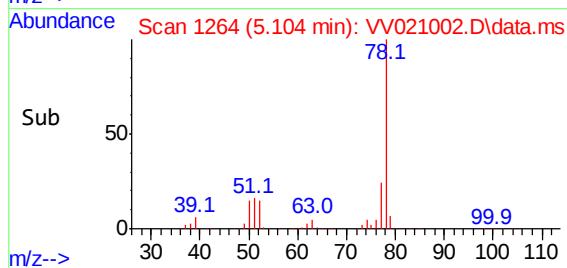
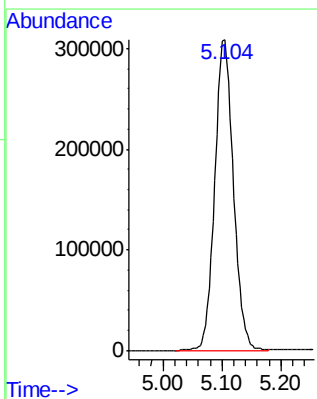
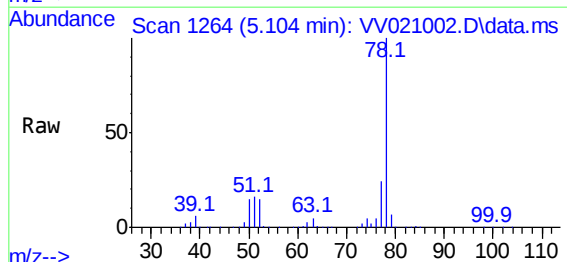
Instrument :
MSVOA_V
ClientSampleId :
VSTD05079

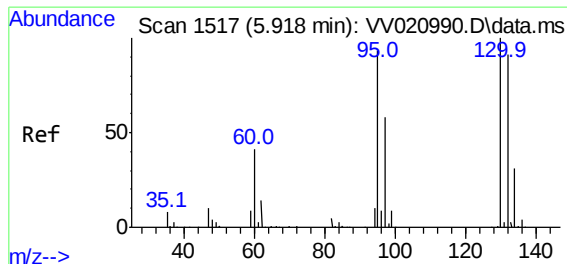
Tgt Ion:117 Resp: 332023
Ion Ratio Lower Upper
117 100
119 96.0 76.9 115.3



#33
Benzene
Concen: 50.34 ug/L
RT: 5.104 min Scan# 1264
Delta R.T. -0.000 min
Lab File: VV021002.D
Acq: 13 Apr 2021 16:11

Tgt Ion: 78 Resp: 671707



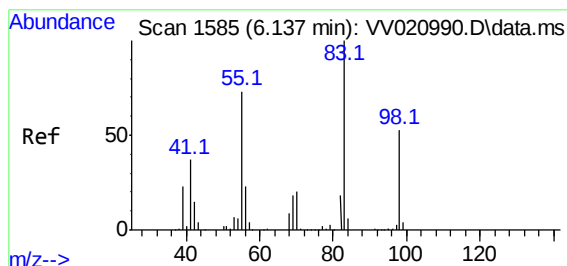
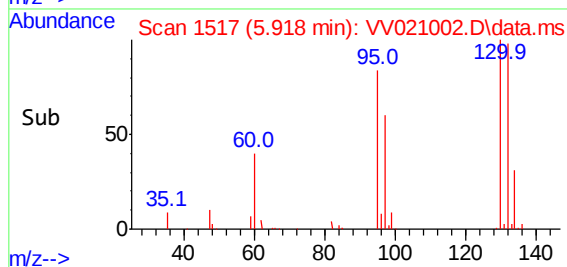
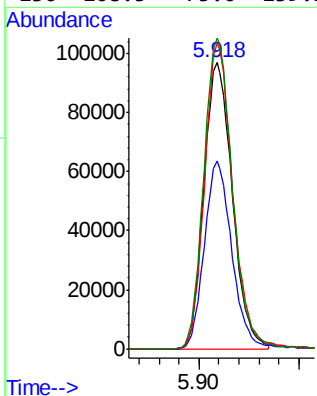
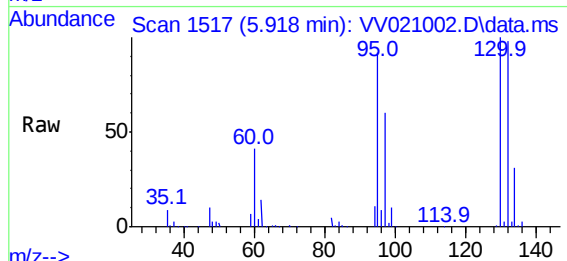


#34
Trichloroethene
Concen: 49.35 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VV021002.D
Acq: 13 Apr 2021 16:11

Instrument :
MSVOA_V
ClientSampleId :
VSTD05079

Tgt Ion: 95 Resp: 191362

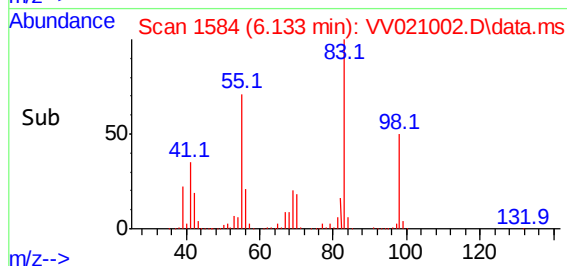
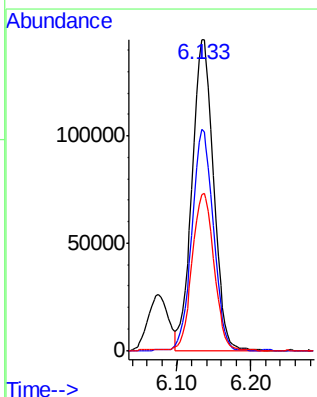
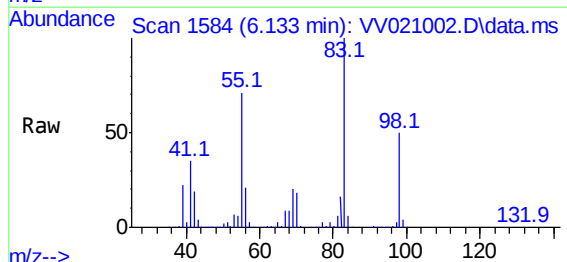
Ion	Ratio	Lower	Upper
95	100		
97	65.4	43.8	81.3
132	106.7	68.3	126.8
130	108.5	75.0	139.2

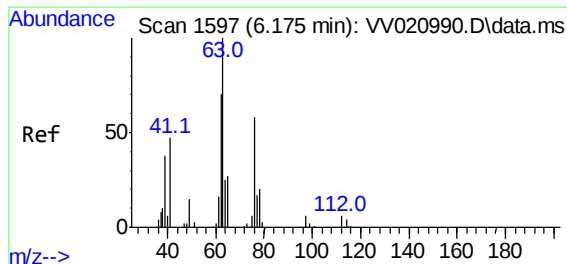


#35
Methylcyclohexane
Concen: 51.02 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. -0.003 min
Lab File: VV021002.D
Acq: 13 Apr 2021 16:11

Tgt Ion: 83 Resp: 292888

Ion	Ratio	Lower	Upper
83	100		
55	70.7	56.2	84.4
98	51.5	41.4	62.0

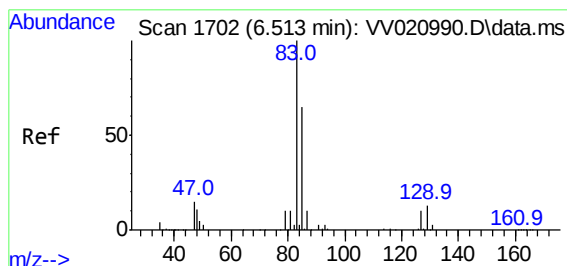
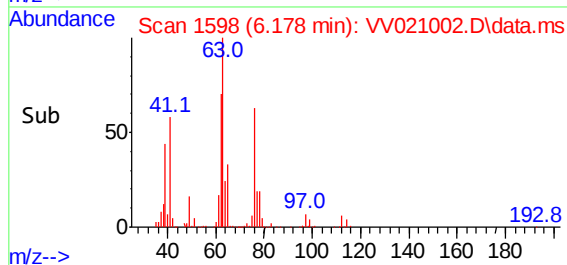
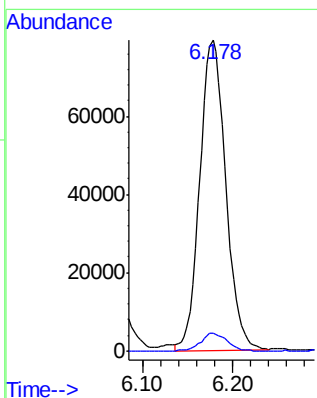
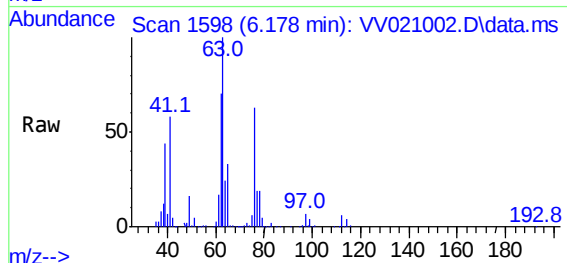




#37
1,2-Dichloropropane
Concen: 49.75 ug/L
RT: 6.178 min Scan# 1598
Delta R.T. 0.003 min
Lab File: VV021002.D
Acq: 13 Apr 2021 16:11

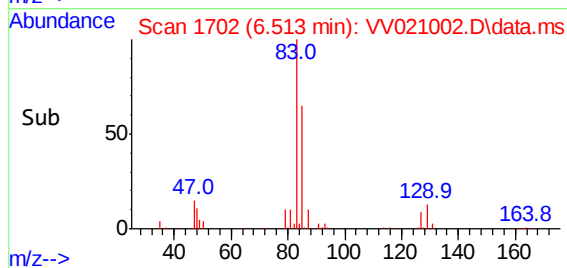
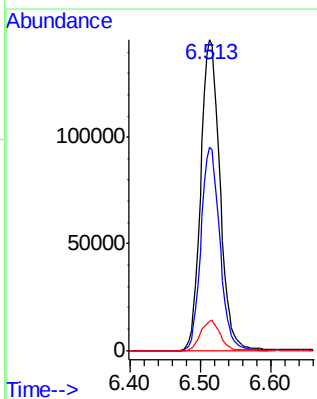
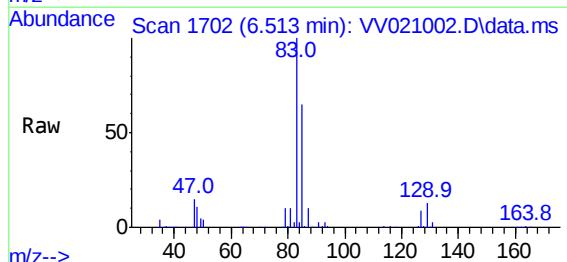
Instrument :
MSVOA_V
ClientSampleId :
VSTD05079

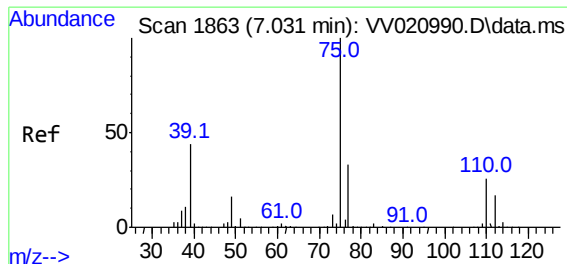
Tgt Ion: 63 Resp: 158449
Ion Ratio Lower Upper
63 100
112 5.6 4.5 6.7



#38
Bromodichloromethane
Concen: 49.18 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VV021002.D
Acq: 13 Apr 2021 16:11

Tgt Ion: 83 Resp: 273290
Ion Ratio Lower Upper
83 100
85 65.3 45.5 84.5
127 9.5 8.2 12.4

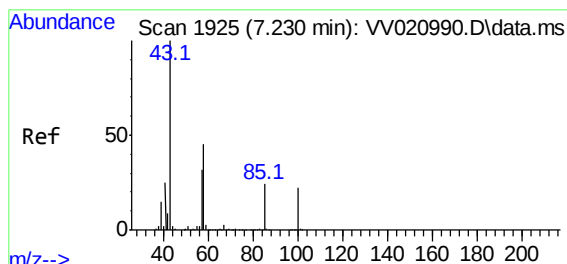
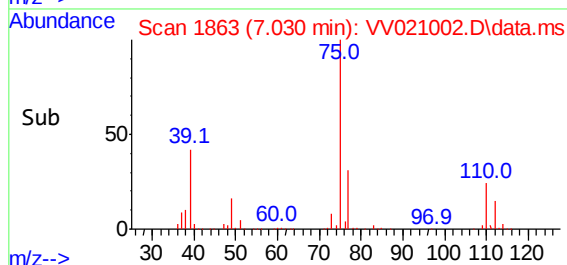
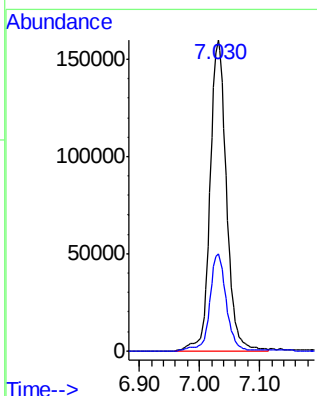
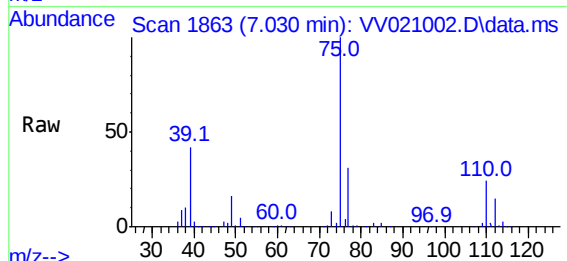




#39
cis-1,3-Dichloropropene
Concen: 53.55 ug/L
RT: 7.030 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VV021002.D
Acq: 13 Apr 2021 16:11

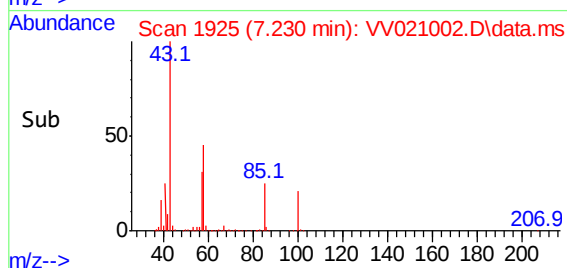
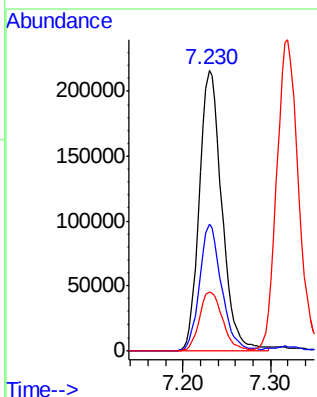
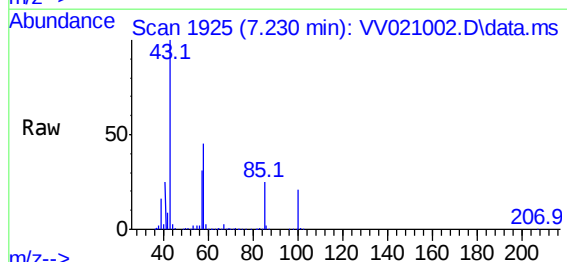
Instrument :
MSVOA_V
ClientSampleId :
VSTD05079

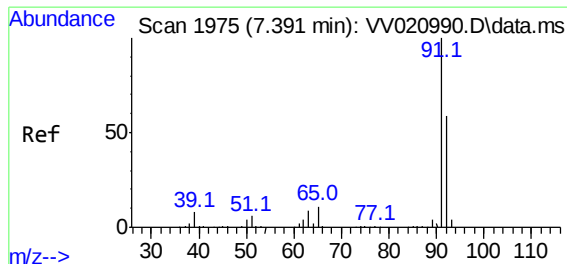
Tgt Ion: 75 Resp: 293394
Ion Ratio Lower Upper
75 100
77 31.3 23.0 42.8



#40
4-Methyl-2-pentanone
Concen: 102.88 ug/L
RT: 7.230 min Scan# 1925
Delta R.T. -0.000 min
Lab File: VV021002.D
Acq: 13 Apr 2021 16:11

Tgt Ion: 43 Resp: 384509
Ion Ratio Lower Upper
43 100
58 43.7 35.2 52.8
100 21.3 17.1 25.7

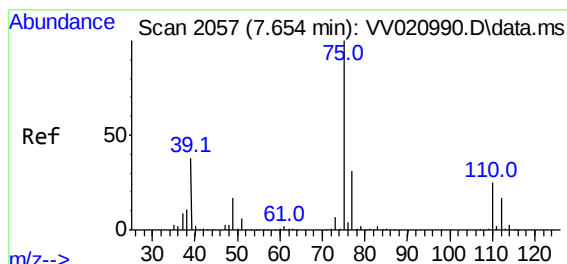
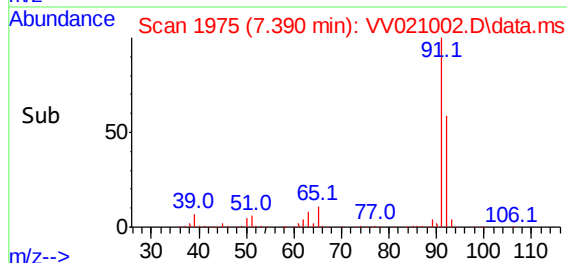
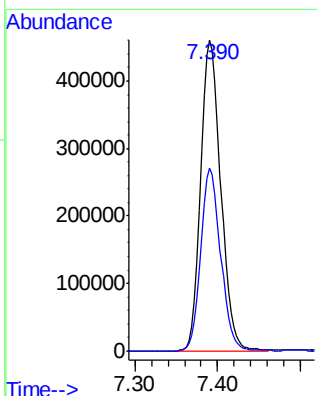
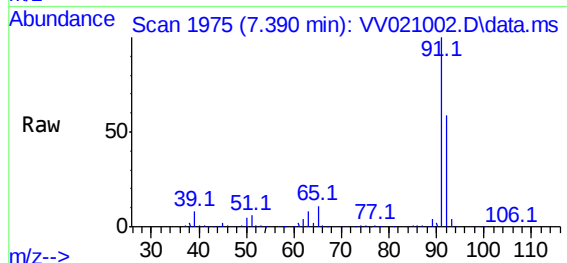




#42
Toluene
Concen: 50.56 ug/L
RT: 7.390 min Scan# 1975
Delta R.T. -0.000 min
Lab File: VV021002.D
Acq: 13 Apr 2021 16:11

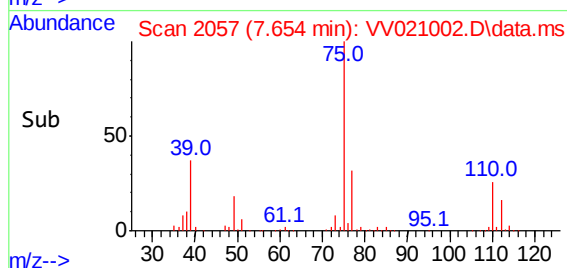
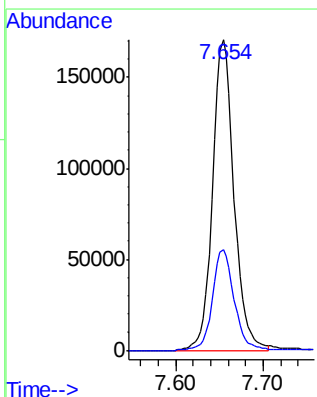
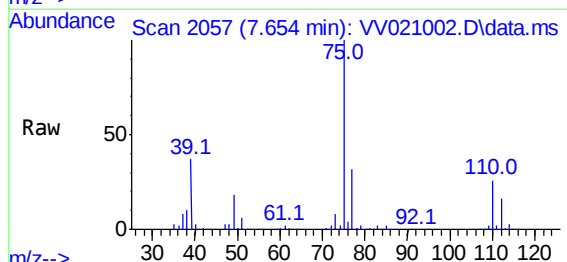
Instrument :
MSVOA_V
ClientSampleId :
VSTD05079

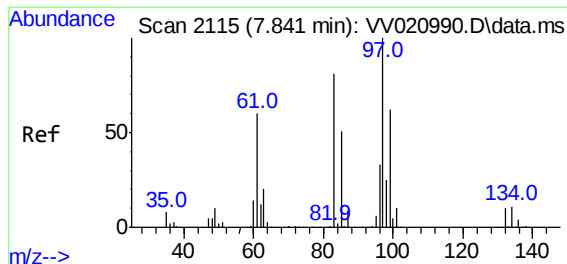
Tgt Ion: 91 Resp: 782952
Ion Ratio Lower Upper
91 100
92 58.8 41.1 76.3



#44
trans-1,3-Dichloropropene
Concen: 49.61 ug/L
RT: 7.654 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VV021002.D
Acq: 13 Apr 2021 16:11

Tgt Ion: 75 Resp: 289496
Ion Ratio Lower Upper
75 100
77 32.3 21.8 40.4



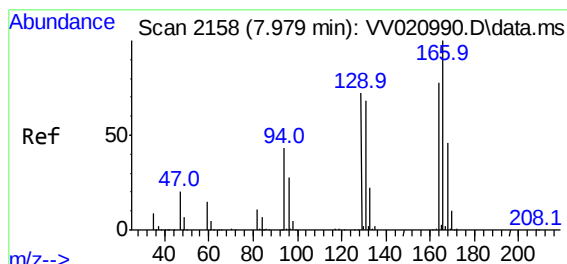
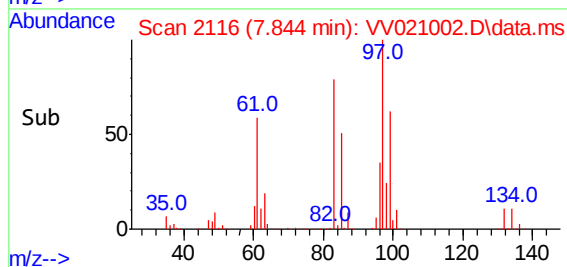
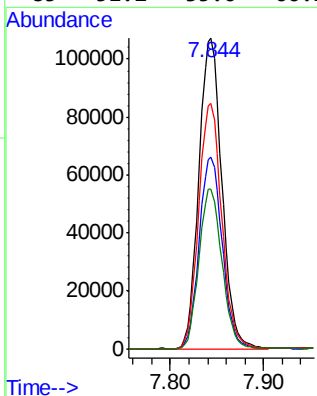
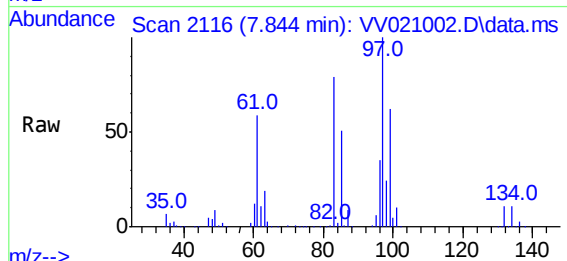


#45
1,1,2-Trichloroethane
Concen: 50.38 ug/L
RT: 7.844 min Scan# 2116
Delta R.T. 0.003 min
Lab File: VV021002.D
Acq: 13 Apr 2021 16:11

Instrument :
MSVOA_V
ClientSampleId :
VSTD05079

Tgt Ion: 97 Resp: 184617

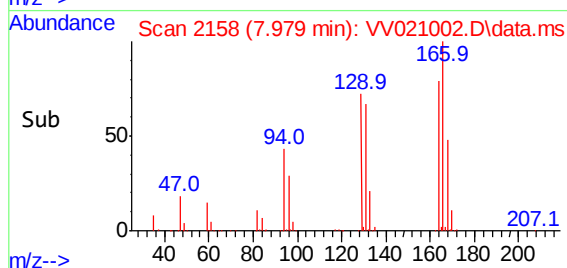
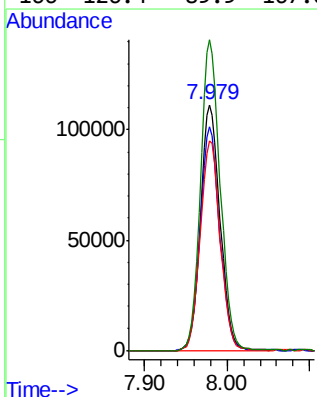
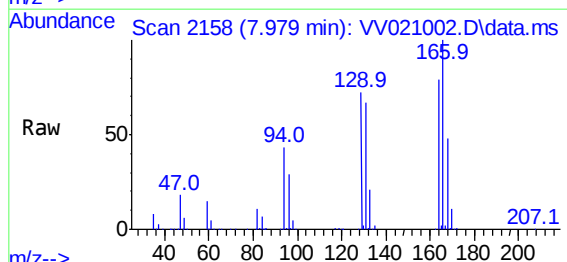
Ion	Ratio	Lower	Upper
97	100		
99	61.7	43.0	80.0
83	79.0	56.4	104.7
85	51.2	35.6	66.2

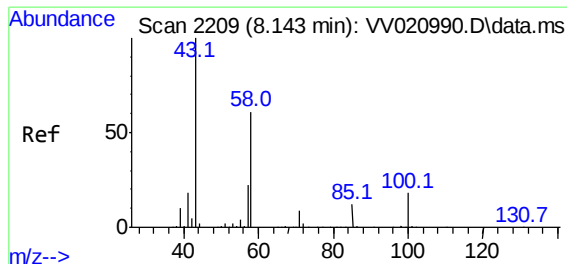


#46
Tetrachloroethene
Concen: 48.14 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. -0.000 min
Lab File: VV021002.D
Acq: 13 Apr 2021 16:11

Tgt Ion: 164 Resp: 184371

Ion	Ratio	Lower	Upper
164	100		
129	91.2	64.3	119.5
131	85.3	61.1	113.5
166	126.4	89.9	167.0

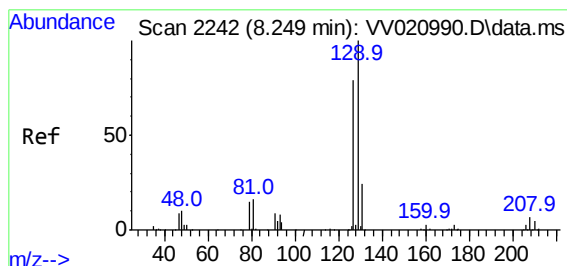
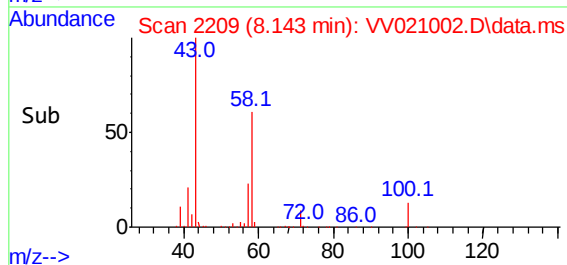
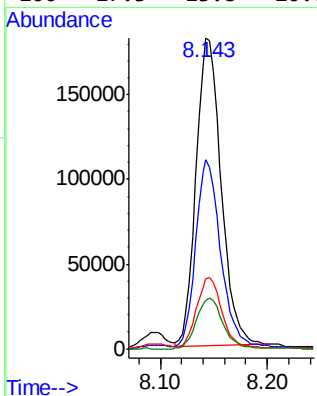
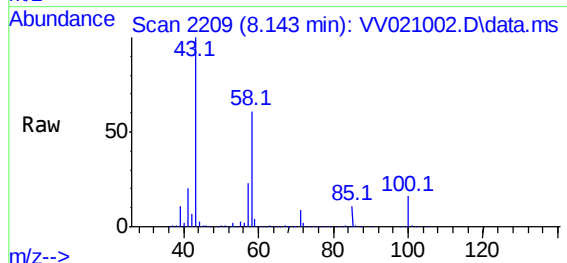




#48
2-Hexanone
Concen: 98.45 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VV021002.D
Acq: 13 Apr 2021 16:11

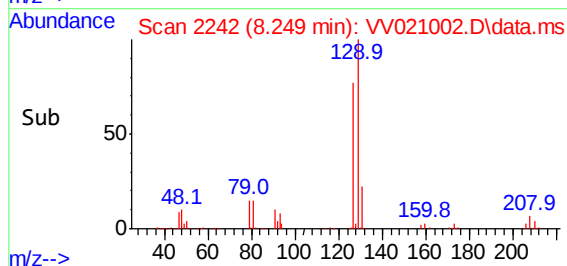
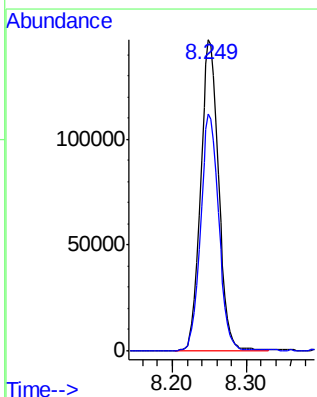
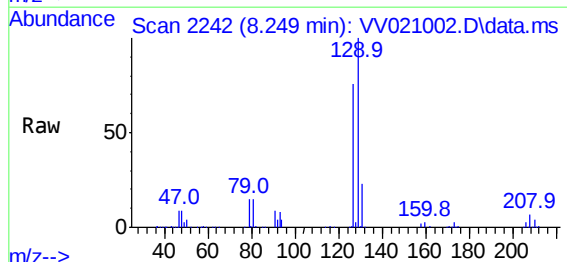
Instrument :
MSVOA_V
ClientSampleId :
VSTD05079

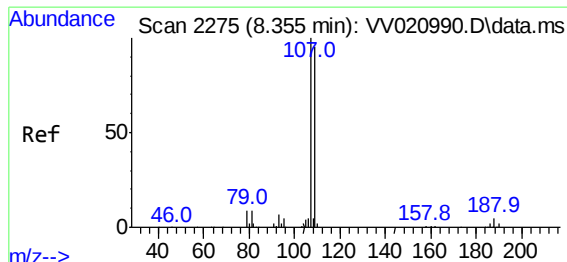
Tgt Ion: 43 Resp: 293789
Ion Ratio Lower Upper
43 100
58 62.8 49.4 74.0
57 23.8 18.7 28.1
100 17.3 13.8 20.6



#49
Dibromochloromethane
Concen: 49.30 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VV021002.D
Acq: 13 Apr 2021 16:11

Tgt Ion: 129 Resp: 246355
Ion Ratio Lower Upper
129 100
127 76.1 55.3 102.7

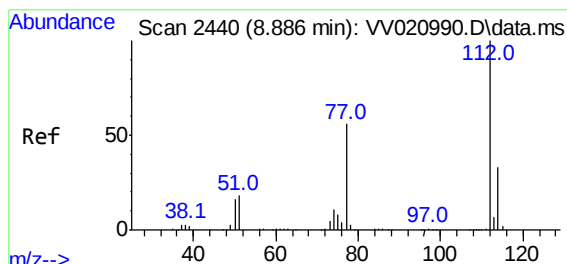
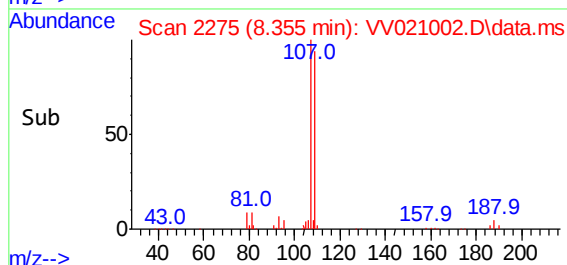
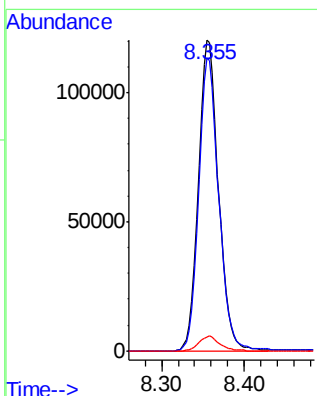
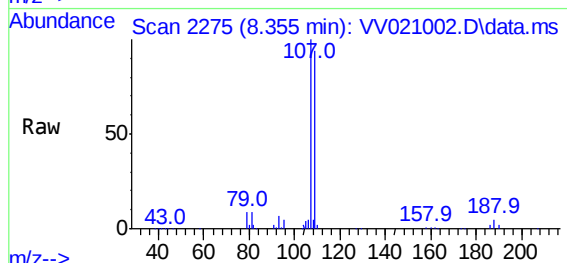




#50
1,2-Dibromoethane
Concen: 49.39 ug/L
RT: 8.355 min Scan# 2275
Delta R.T. -0.000 min
Lab File: VV021002.D
Acq: 13 Apr 2021 16:11

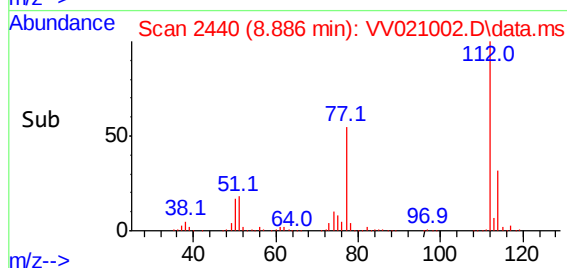
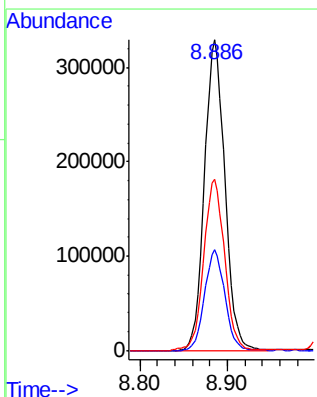
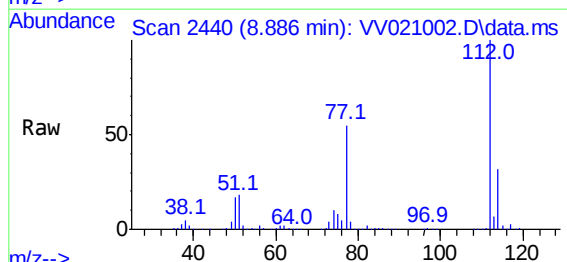
Instrument :
MSVOA_V
ClientSampleId :
VSTD05079

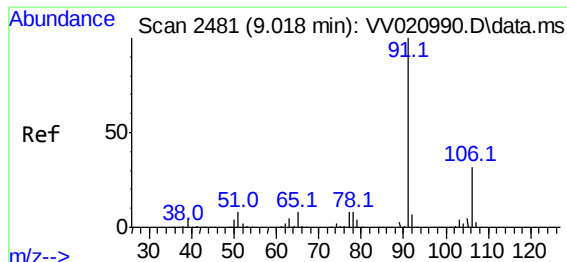
Tgt Ion:107 Resp: 203311
Ion Ratio Lower Upper
107 100
109 94.4 66.1 122.8
188 4.5 3.8 5.8



#51
Chlorobenzene
Concen: 49.29 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. -0.000 min
Lab File: VV021002.D
Acq: 13 Apr 2021 16:11

Tgt Ion:112 Resp: 531876
Ion Ratio Lower Upper
112 100
114 32.3 23.0 42.8
77 55.1 45.1 67.7

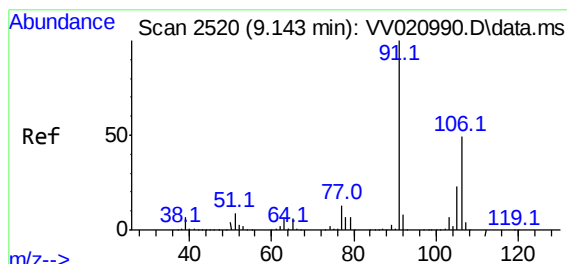
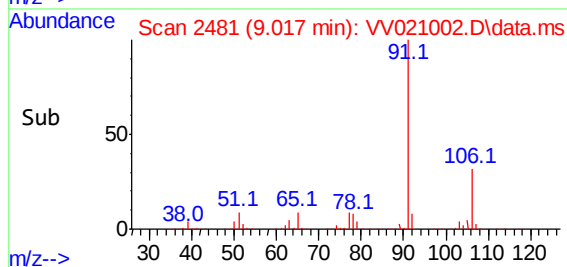
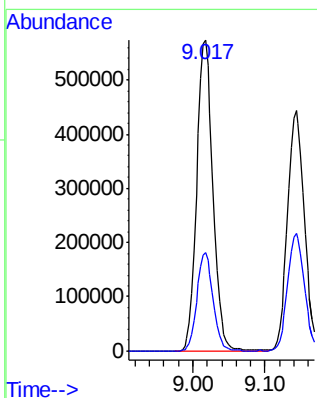
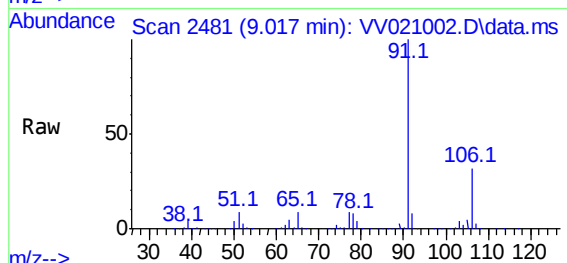




#52
Ethylbenzene
Concen: 50.47 ug/L
RT: 9.017 min Scan# 2481
Delta R.T. -0.000 min
Lab File: VV021002.D
Acq: 13 Apr 2021 16:11

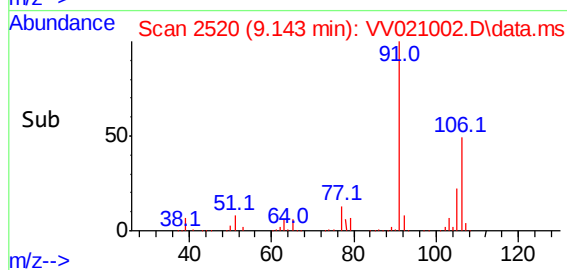
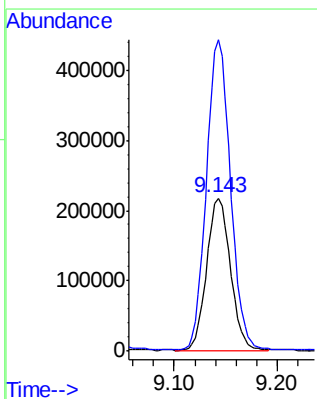
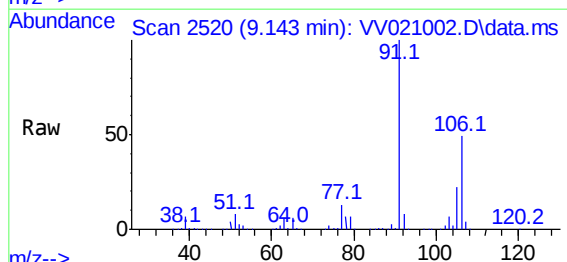
Instrument :
MSVOA_V
ClientSampleId :
VSTD05079

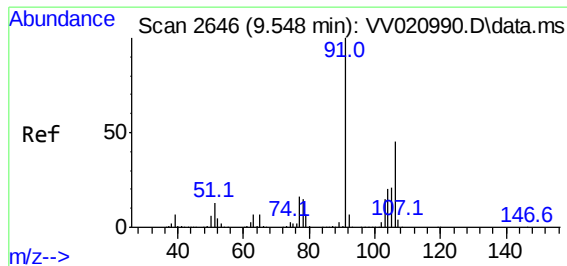
Tgt Ion: 91 Resp: 893489
Ion Ratio Lower Upper
91 100
106 31.5 22.0 41.0



#53
m,p-Xylene
Concen: 50.39 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. -0.000 min
Lab File: VV021002.D
Acq: 13 Apr 2021 16:11

Tgt Ion: 106 Resp: 348691
Ion Ratio Lower Upper
106 100
91 204.1 143.4 266.2

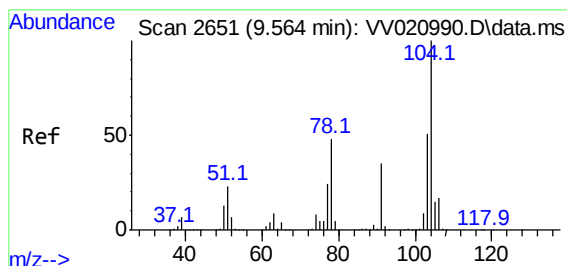
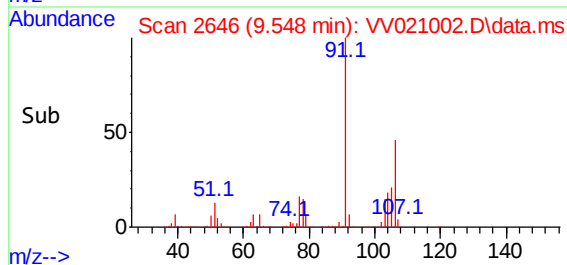
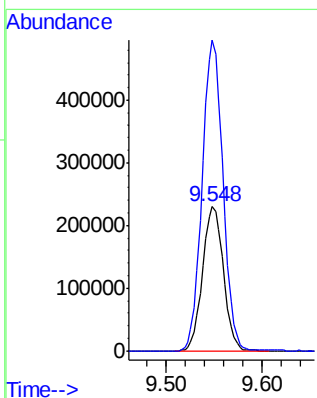
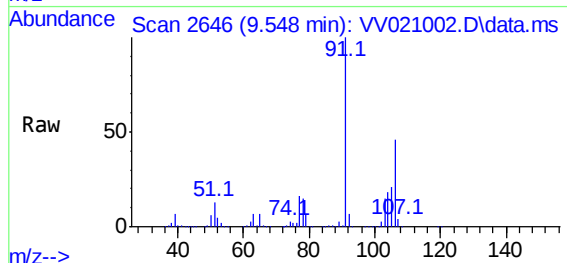




#54
o-xylene
Concen: 52.01 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. -0.000 min
Lab File: VV021002.D
Acq: 13 Apr 2021 16:11

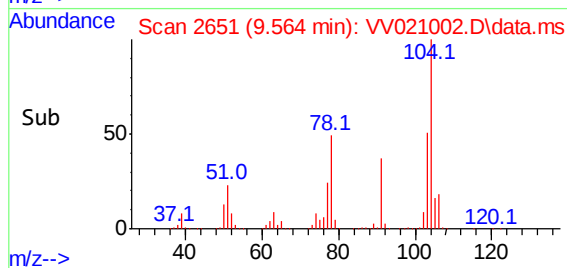
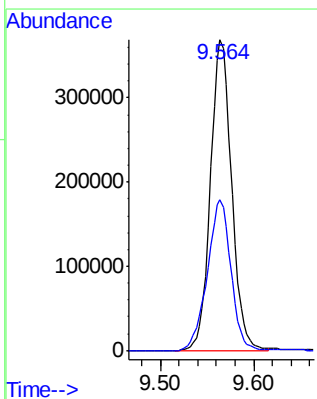
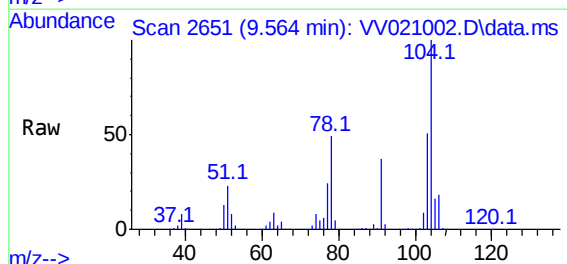
Instrument :
MSVOA_V
ClientSampled :
VSTD05079

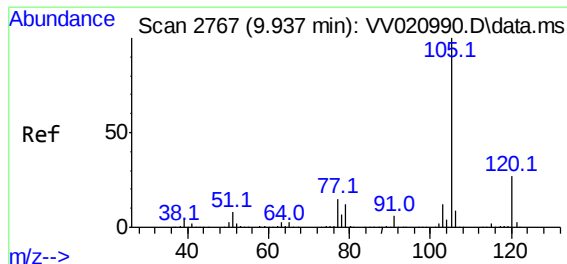
Tgt Ion:106 Resp: 343302
Ion Ratio Lower Upper
106 100
91 215.9 156.2 290.2



#55
Styrene
Concen: 52.11 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. -0.000 min
Lab File: VV021002.D
Acq: 13 Apr 2021 16:11

Tgt Ion:104 Resp: 583722
Ion Ratio Lower Upper
104 100
78 48.6 33.6 62.4

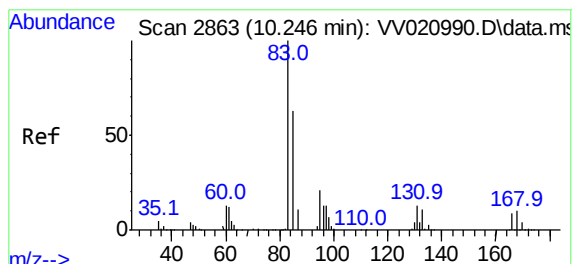
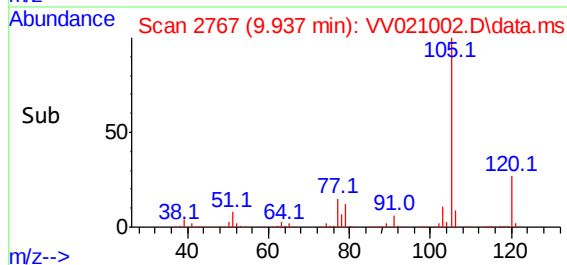
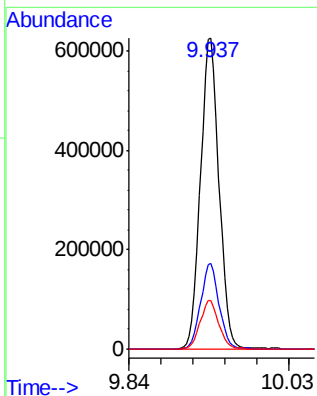
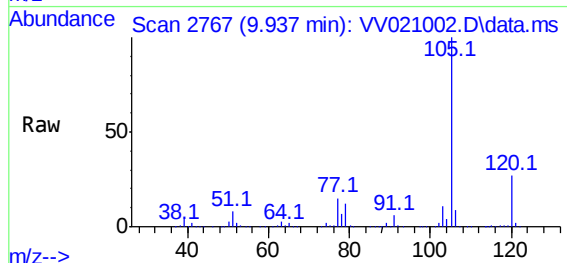




#56
Isopropylbenzene
Concen: 51.50 ug/L
RT: 9.937 min Scan# 2767
Delta R.T. -0.000 min
Lab File: VV021002.D
Acq: 13 Apr 2021 16:11

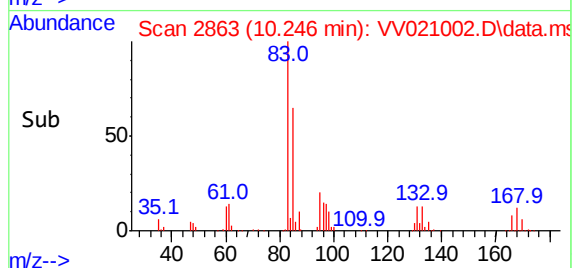
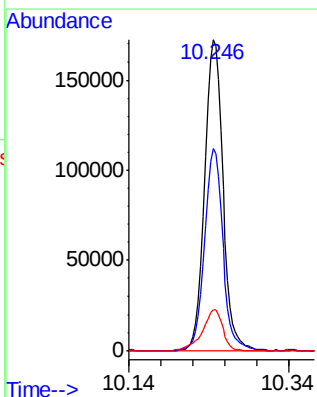
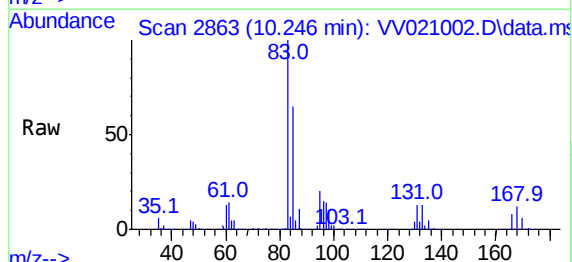
Instrument :
MSVOA_V
ClientSampleId :
VSTD05079

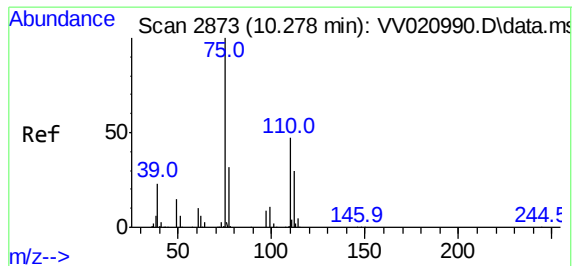
Tgt Ion:105 Resp: 944242
Ion Ratio Lower Upper
105 100
120 27.1 21.3 31.9
77 15.4 12.6 18.8



#58
1,1,2,2-Tetrachloroethane
Concen: 48.48 ug/L
RT: 10.246 min Scan# 2863
Delta R.T. -0.000 min
Lab File: VV021002.D
Acq: 13 Apr 2021 16:11

Tgt Ion: 83 Resp: 282565
Ion Ratio Lower Upper
83 100
85 64.9 44.5 82.7
131 13.1 10.4 15.6

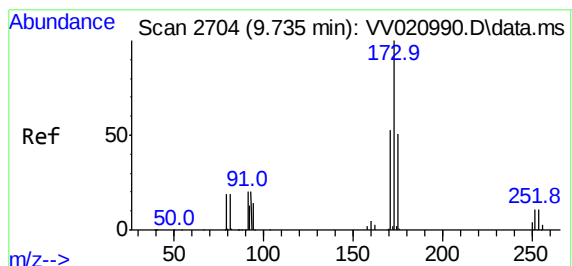
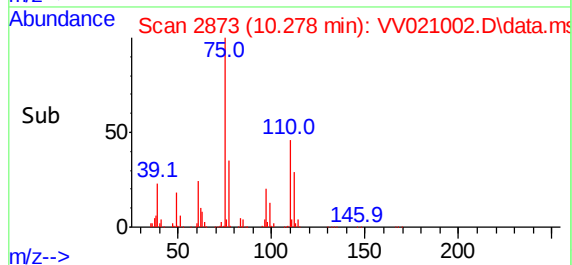
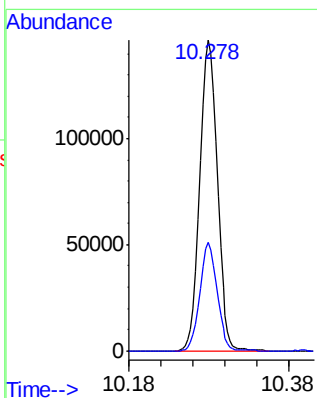
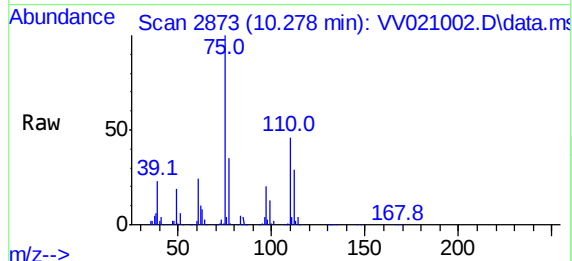




#59
1,2,3-Trichloropropane
Concen: 48.85 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. -0.000 min
Lab File: VV021002.D
Acq: 13 Apr 2021 16:11

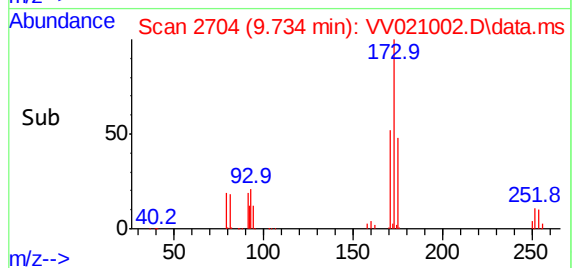
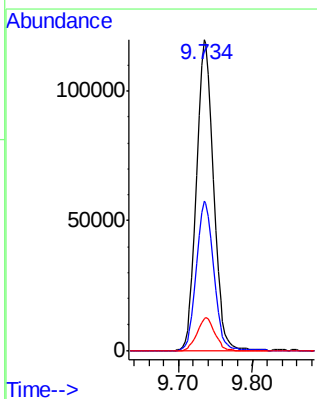
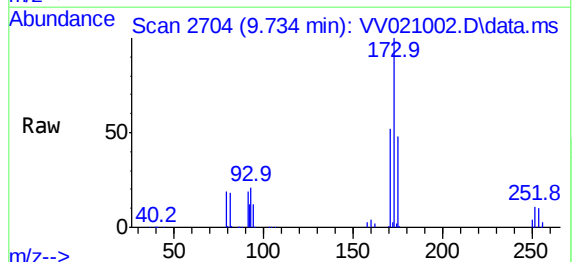
Instrument :
MSVOA_V
ClientSampleId :
VSTD05079

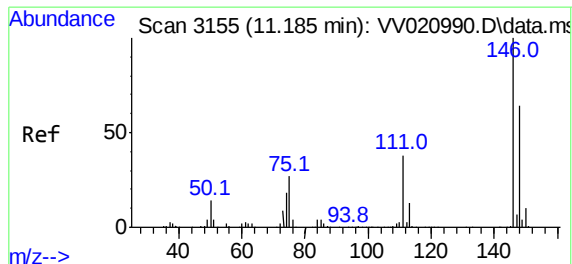
Tgt Ion: 75 Resp: 227951
Ion Ratio Lower Upper
75 100
77 34.0 26.6 40.0



#61
Bromoform
Concen: 48.43 ug/L
RT: 9.734 min Scan# 2704
Delta R.T. -0.000 min
Lab File: VV021002.D
Acq: 13 Apr 2021 16:11

Tgt Ion: 173 Resp: 192807
Ion Ratio Lower Upper
173 100
175 48.7 39.1 58.7
254 10.9 8.3 12.5

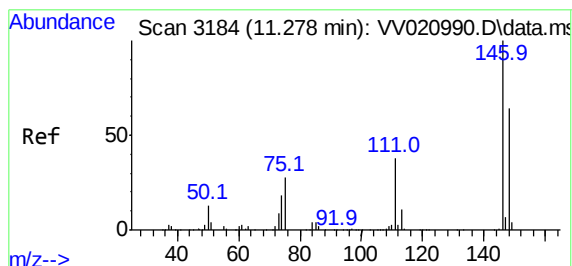
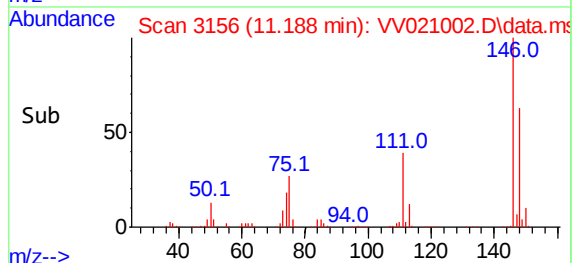
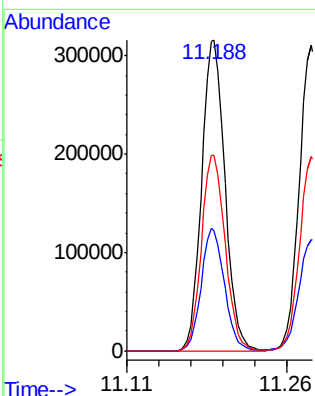
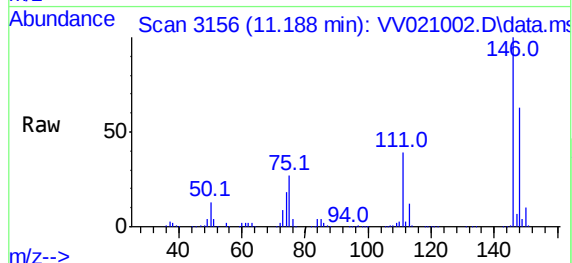




#62
1,3-Dichlorobenzene
Concen: 49.19 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.003 min
Lab File: VV021002.D
Acq: 13 Apr 2021 16:11

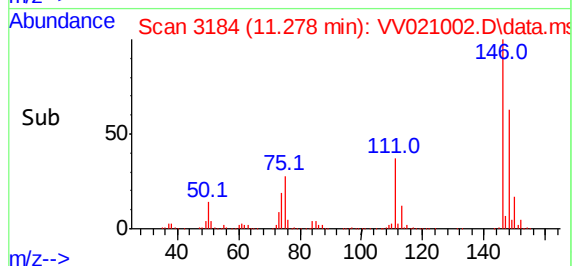
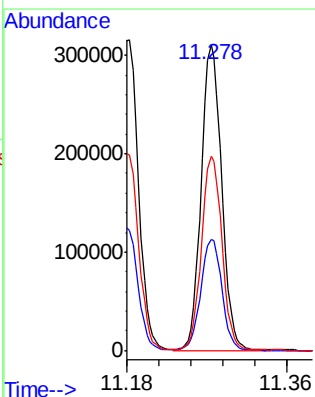
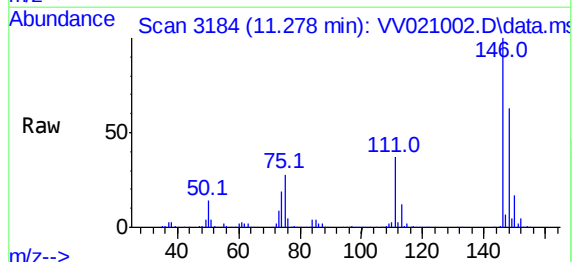
Instrument :
MSVOA_V
ClientSampleId :
VSTD05079

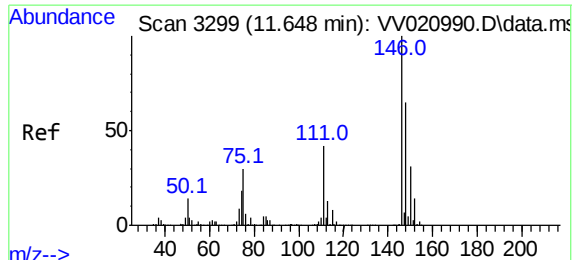
Tgt Ion:146 Resp: 473689
Ion Ratio Lower Upper
146 100
111 38.7 26.9 49.9
148 63.0 44.6 82.8



#63
1,4-Dichlorobenzene
Concen: 49.02 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. -0.000 min
Lab File: VV021002.D
Acq: 13 Apr 2021 16:11

Tgt Ion:146 Resp: 485796
Ion Ratio Lower Upper
146 100
111 36.5 26.8 49.8
148 63.4 44.8 83.2

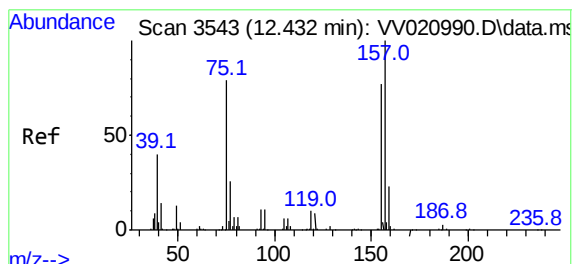
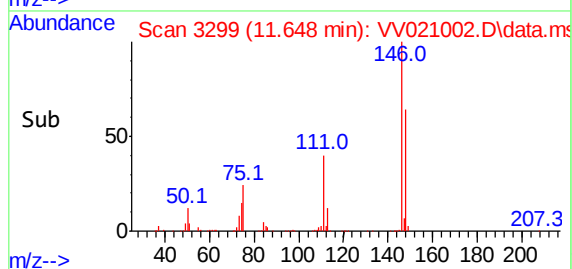
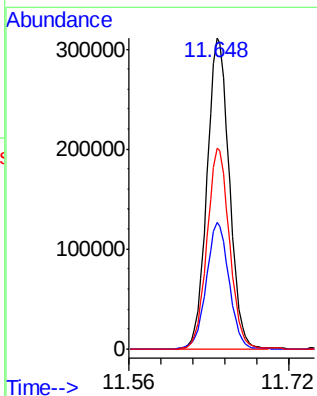
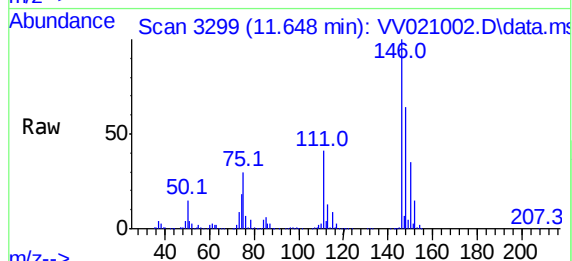




#65
1,2-Dichlorobenzene
Concen: 49.70 ug/L
RT: 11.648 min Scan# 3299
Delta R.T. -0.000 min
Lab File: VV021002.D
Acq: 13 Apr 2021 16:11

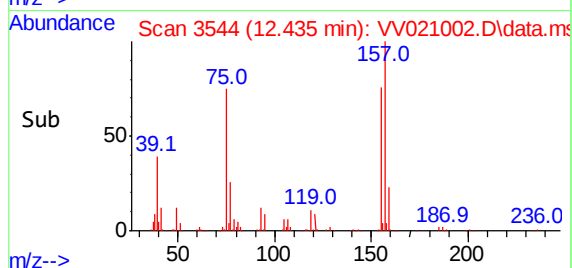
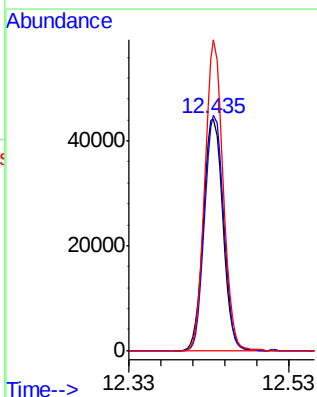
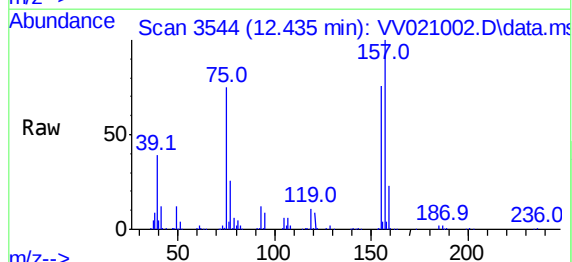
Instrument :
MSVOA_V
ClientSampleId :
VSTD05079

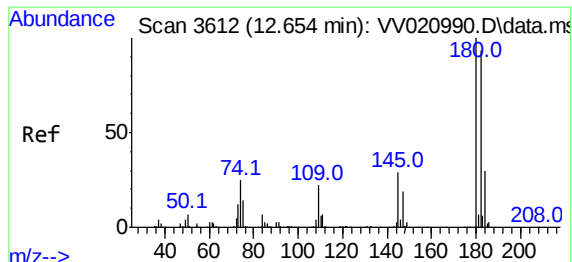
Tgt Ion:146 Resp: 481521
Ion Ratio Lower Upper
146 100
111 40.7 33.4 50.0
148 64.4 51.6 77.4



#66
1,2-Dibromo-3-chloropropane
Concen: 48.57 ug/L
RT: 12.435 min Scan# 3544
Delta R.T. 0.003 min
Lab File: VV021002.D
Acq: 13 Apr 2021 16:11

Tgt Ion: 75 Resp: 71279
Ion Ratio Lower Upper
75 100
155 101.8 78.0 117.0
157 134.2 100.9 151.3

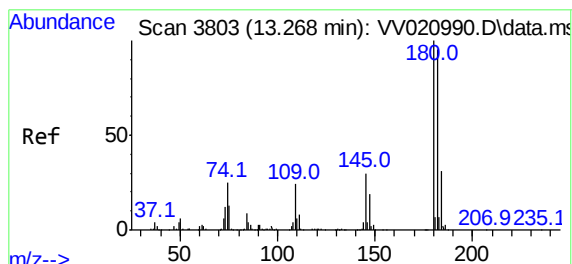
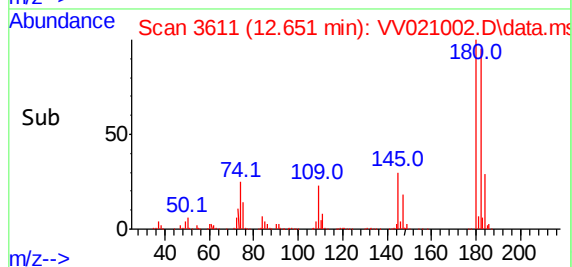
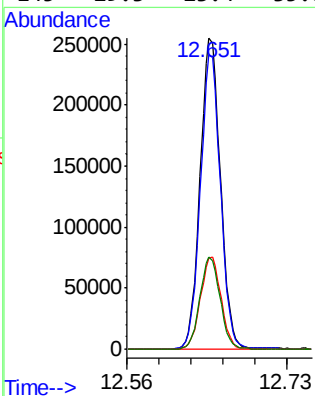
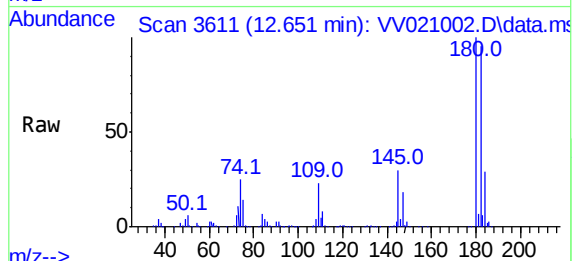




#67
1,3,5-Trichlorobenzene
Concen: 48.66 ug/L
RT: 12.651 min Scan# 3611
Delta R.T. -0.003 min
Lab File: VV021002.D
Acq: 13 Apr 2021 16:11

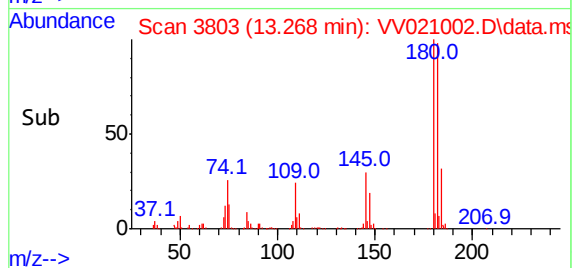
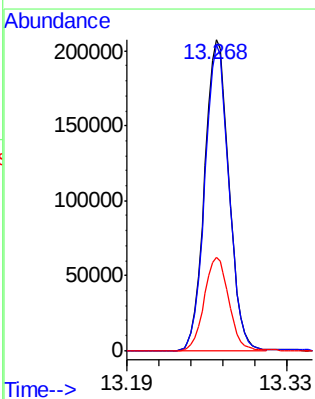
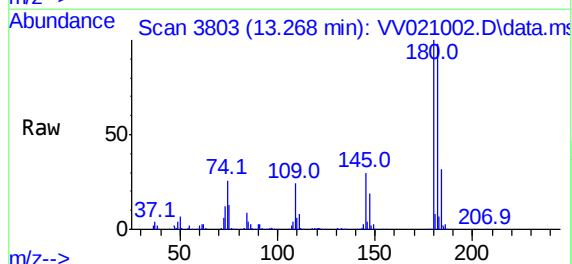
Instrument :
MSVOA_V
ClientSampleId :
VSTD05079

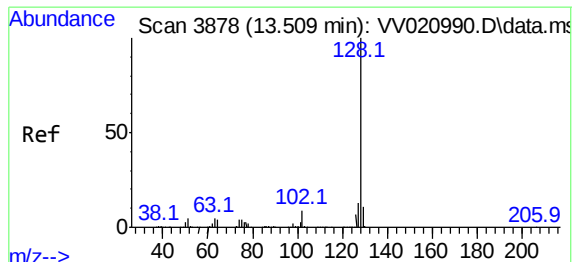
Tgt Ion:180 Resp: 385744
Ion Ratio Lower Upper
180 100
182 93.8 75.3 112.9
184 29.8 23.6 35.4
145 29.3 23.4 35.0



#68
1,2,4-trichlorobenzene
Concen: 47.59 ug/L
RT: 13.268 min Scan# 3803
Delta R.T. -0.000 min
Lab File: VV021002.D
Acq: 13 Apr 2021 16:11

Tgt Ion:180 Resp: 313650
Ion Ratio Lower Upper
180 100
182 97.5 76.5 114.7
145 30.1 24.0 36.0

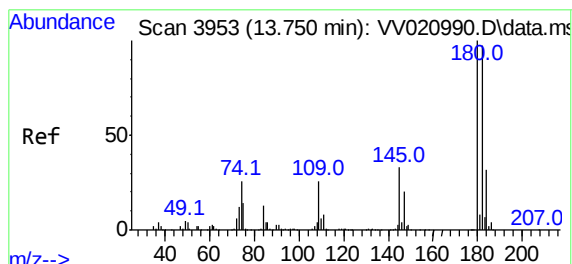
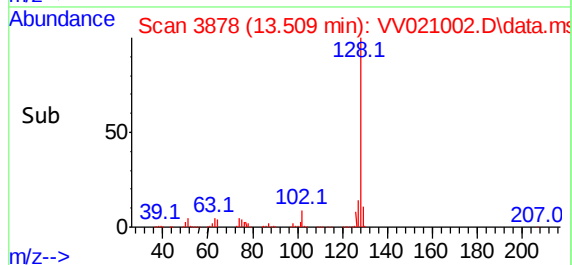
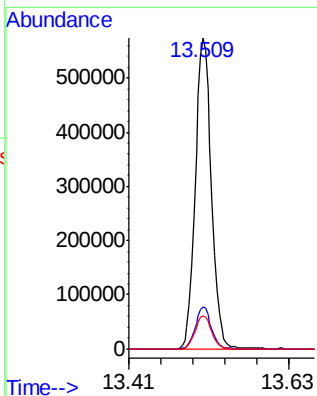
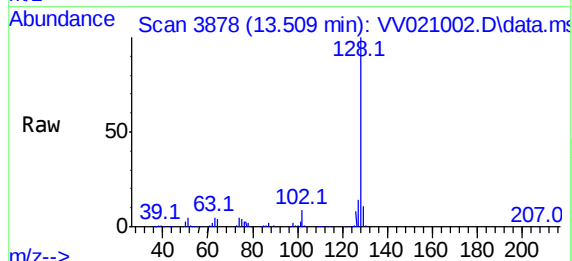




#69
Naphthalene
Concen: 51.06 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. -0.000 min
Lab File: VV021002.D
Acq: 13 Apr 2021 16:11

Instrument :
MSVOA_V
ClientSampleId :
VSTD05079

Tgt Ion:128 Resp: 887685
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.7 8.7 13.1



#70
1,2,3-Trichlorobenzene
Concen: 50.67 ug/L
RT: 13.750 min Scan# 3953
Delta R.T. -0.000 min
Lab File: VV021002.D
Acq: 13 Apr 2021 16:11

Tgt Ion:180 Resp: 334495
Ion Ratio Lower Upper
180 100
182 93.9 77.3 115.9
145 31.9 25.4 38.0

