

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031321\
 Data File : VW020593.D
 Acq On : 13 Mar 2021 03:38
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05075

Quant Time: Mar 13 04:27:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM031321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 13 02:32:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	424483	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	411265	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	202687	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	173546	50.68	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	101.36%		
7) Chloroethane-d5	1.571	69	141652	51.71	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	103.42%		
11) 1,1-Dichloroethene-d2	2.111	63	317054	48.71	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	97.42%		
21) 2-Butanone-d5	3.892	46	269140	122.47	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	122.47%		
24) Chloroform-d	4.352	84	317616	53.37	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	106.74%		
26) 1,2-Dichloroethane-d4	5.037	65	219028	55.78	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	111.56%		
32) Benzene-d6	5.053	84	612409	53.89	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	107.78%		
36) 1,2-Dichloropropane-d6	6.072	67	202577	55.72	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	111.44%		
41) Toluene-d8	7.320	98	532990	52.78	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	105.56%		
43) trans-1,3-Dichloroprop...	7.625	79	94536	55.64	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	111.28%		
47) 2-Hexanone-d5	8.092	63	170975	125.70	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	125.70%		
57) 1,1,2,2-Tetrachloroeth...	10.220	84	267098	58.79	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	117.58%		
64) 1,2-Dichlorobenzene-d4	11.632	152	201668	51.35	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	102.70%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.130	85	159987	45.65	ug/L	98
3) Chloromethane	1.243	50	221912	54.74	ug/L	98
5) Vinyl chloride	1.314	62	204844	50.40	ug/L	99
6) Bromomethane	1.526	94	127079	53.07	ug/L	98
8) Chloroethane	1.587	64	127202	51.57	ug/L	99
9) Trichlorofluoromethane	1.754	101	244577	45.15	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	124091	42.02	ug/L	97
12) 1,1-Dichloroethene	2.121	96	134500	46.94	ug/L	91
13) Acetone	2.191	43	190221	105.97	ug/L	98
14) Carbon disulfide	2.298	76	406386	46.77	ug/L	99
15) Methyl Acetate	2.439	43	210909	61.35	ug/L	98
16) Methylene chloride	2.510	84	179760	54.14	ug/L	98
17) trans-1,2-Dichloroethene	2.764	96	151586	49.52	ug/L	96
18) Methyl tert-butyl Ether	2.770	73	514491	55.26	ug/L	98
19) 1,1-Dichloroethane	3.195	63	312506	53.50	ug/L	99
20) cis-1,2-Dichloroethene	3.915	96	166636	52.73	ug/L #	99
22) 2-Butanone	3.979	43	294182	118.49	ug/L	94
23) Bromochloromethane	4.252	128	88059	55.85	ug/L	93
25) Chloroform	4.378	83	326707	53.55	ug/L	100
27) 1,2-Dichloroethane	5.133	62	267106	55.43	ug/L	100

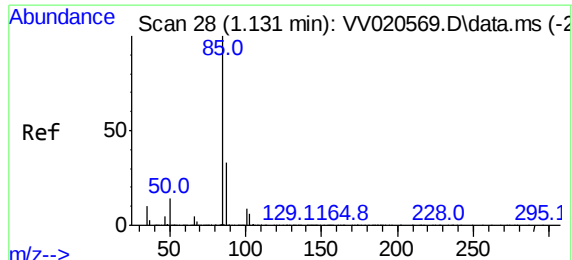
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 Data File : VW020593.D
 Acq On : 13 Mar 2021 03:38
 Operator : SY/MD
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM031321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 13 02:32:38 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	4.683	56	222213	44.12	ug/L	97
30) 1,1,1-Trichloroethane	4.613	97	247739	49.84	ug/L	99
31) Carbon tetrachloride	4.831	117	184636	45.72	ug/L	99
33) Benzene	5.104	78	668880	53.90	ug/L	100
34) Trichloroethene	5.918	95	165748	47.34	ug/L	98
35) Methylcyclohexane	6.137	83	209082	43.45	ug/L	98
37) 1,2-Dichloropropane	6.178	63	176709	54.54	ug/L	99
38) Bromodichloromethane	6.513	83	233884	54.82	ug/L	99
39) cis-1,3-Dichloropropene	7.030	75	254763	53.01	ug/L	97
40) 4-Methyl-2-pentanone	7.230	43	586572	120.37	ug/L	97
42) Toluene	7.391	91	656043	50.64	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	253194	53.59	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	169304	56.08	ug/L	98
46) Tetrachloroethene	7.979	164	100489	44.73	ug/L	98
48) 2-Hexanone	8.143	43	463486	121.77	ug/L	94
49) Dibromochloromethane	8.249	129	167763	53.37	ug/L	100
50) 1,2-Dibromoethane	8.355	107	175608	54.31	ug/L	98
51) Chlorobenzene	8.886	112	409806	48.91	ug/L	99
52) Ethylbenzene	9.018	91	698943	47.66	ug/L	98
53) m,p-Xylene	9.143	106	251210	46.91	ug/L	99
54) o-xylene	9.548	106	253385	48.87	ug/L	100
55) Styrene	9.564	104	460352	50.85	ug/L	96
56) Isopropylbenzene	9.937	105	648803	46.25	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.246	83	262928	58.64	ug/L	99
59) 1,2,3-Trichloropropane	10.278	75	232146	56.54	ug/L	99
61) Bromoform	9.735	173	109991	54.75	ug/L	99
62) 1,3-Dichlorobenzene	11.188	146	307248	47.73	ug/L	97
63) 1,4-Dichlorobenzene	11.278	146	314319	46.79	ug/L	98
65) 1,2-Dichlorobenzene	11.648	146	320714	50.05	ug/L	99
66) 1,2-Dibromo-3-chloropr...	12.435	75	55220	57.07	ug/L	95
67) 1,3,5-Trichlorobenzene	12.651	180	209171	45.63	ug/L	99
68) 1,2,4-trichlorobenzene	13.268	180	184986	46.48	ug/L	98
69) Naphthalene	13.509	128	688749	53.23	ug/L	99
70) 1,2,3-Trichlorobenzene	13.754	180	199190	50.49	ug/L	98

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

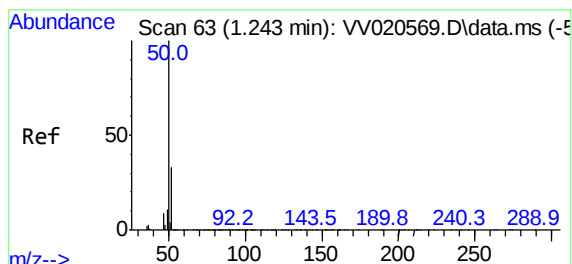
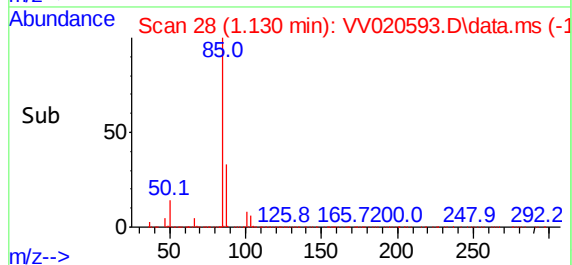
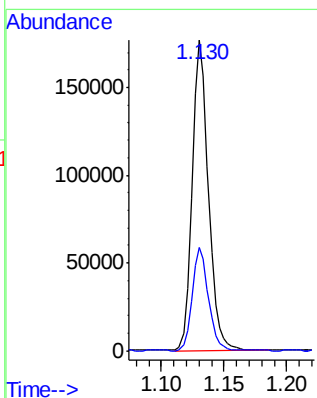
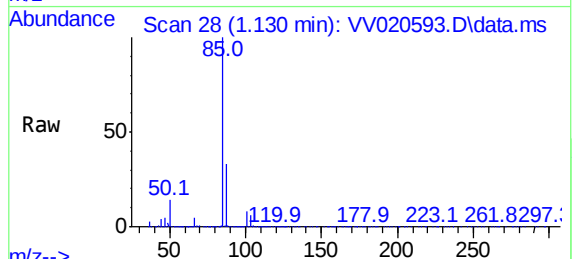


#2

Dichlorodifluoromethane
Concen: 45.65 ug/L
RT: 1.130 min Scan# 28
Delta R.T. -0.000 min
Lab File: VV020593.D
Acq: 13 Mar 2021 03:38

Instrument :
MSVOA_V
ClientSampleId :
VSTD05075

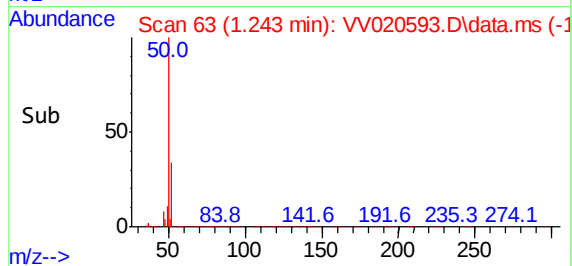
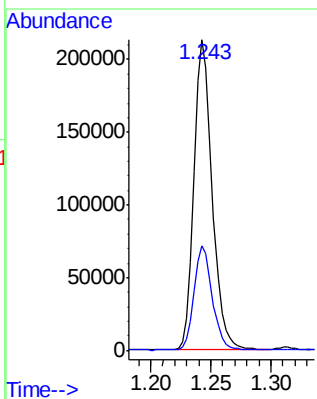
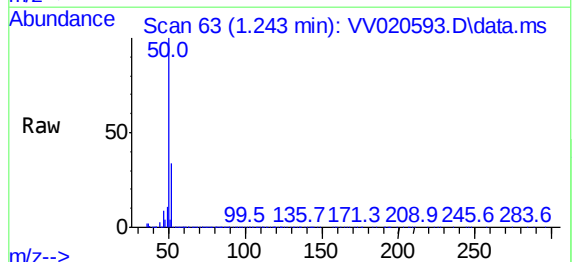
Tgt Ion: 85 Resp: 159987
Ion Ratio Lower Upper
85 100
87 33.3 25.9 38.9

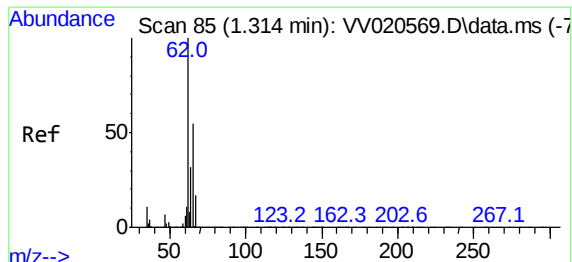


#3

Chloromethane
Concen: 54.74 ug/L
RT: 1.243 min Scan# 63
Delta R.T. -0.000 min
Lab File: VV020593.D
Acq: 13 Mar 2021 03:38

Tgt Ion: 50 Resp: 221912
Ion Ratio Lower Upper
50 100
52 33.8 22.7 42.1

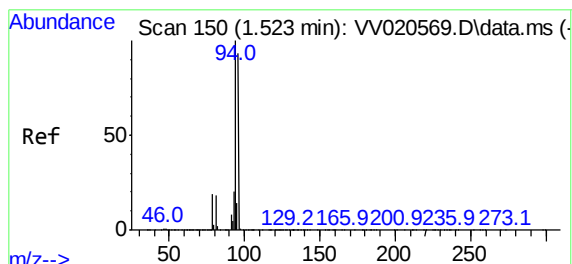
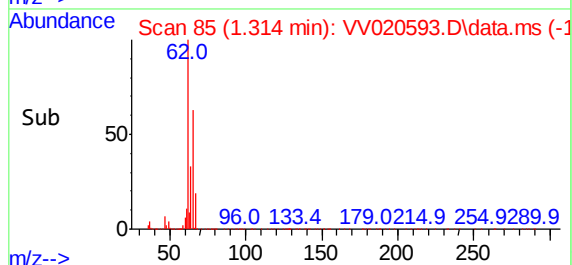
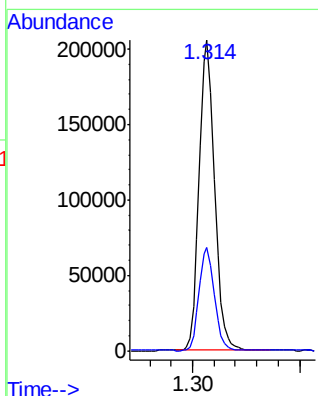
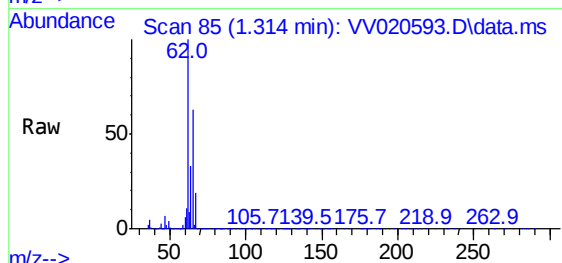




#5
 Vinyl chloride
 Concen: 50.40 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. -0.000 min
 Lab File: VV020593.D
 Acq: 13 Mar 2021 03:38

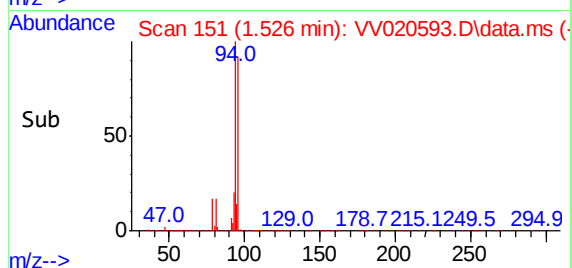
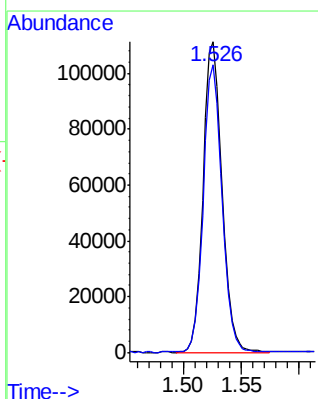
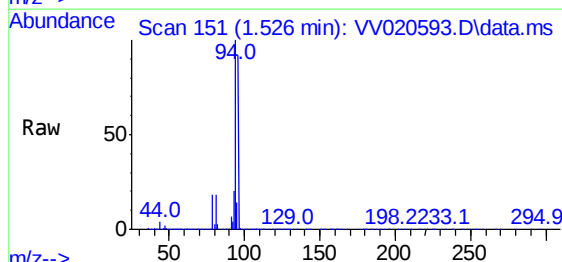
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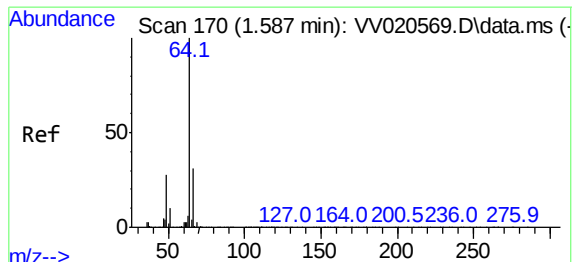
Tgt Ion: 62 Resp: 204844
 Ion Ratio Lower Upper
 62 100
 64 33.4 23.0 42.6



#6
 Bromomethane
 Concen: 53.07 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. 0.003 min
 Lab File: VV020593.D
 Acq: 13 Mar 2021 03:38

Tgt Ion: 94 Resp: 127079
 Ion Ratio Lower Upper
 94 100
 96 92.4 63.6 118.2

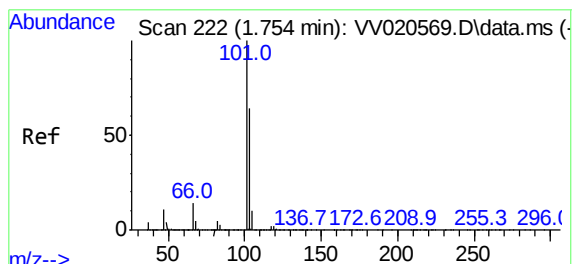
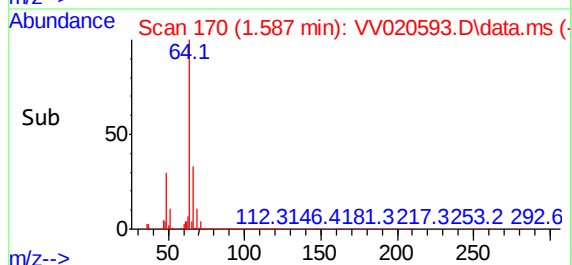
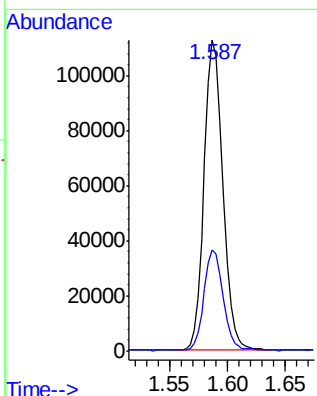
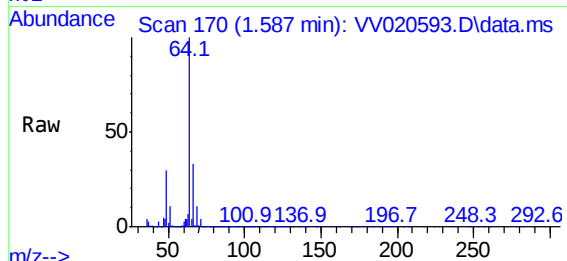




#8
Chloroethane
Concen: 51.57 ug/L
RT: 1.587 min Scan# 170
Delta R.T. -0.000 min
Lab File: VV020593.D
Acq: 13 Mar 2021 03:38

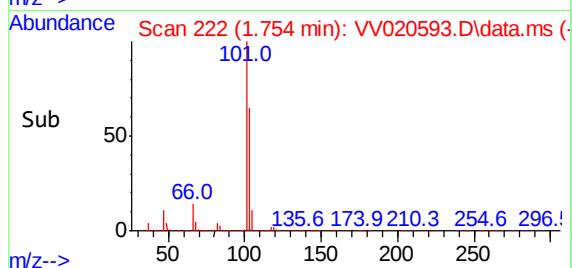
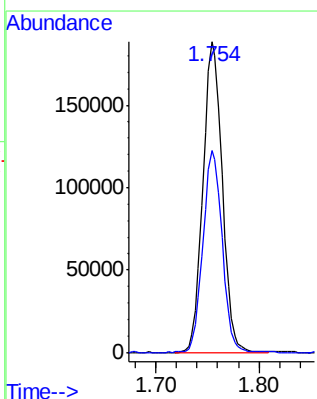
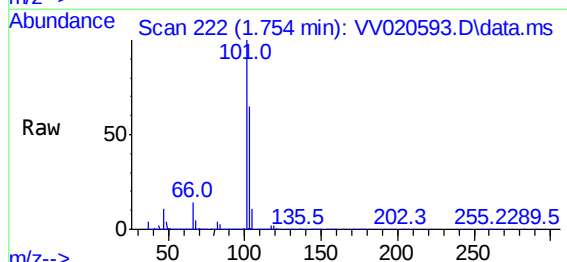
Instrument :
MSVOA_V
ClientSampleId :
VSTD05075

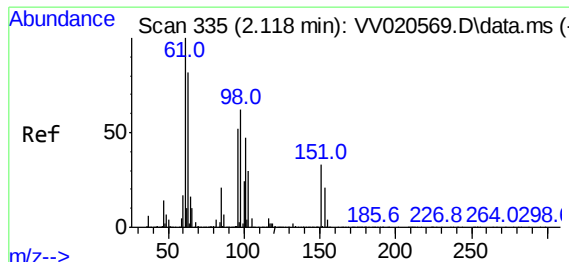
Tgt Ion: 64 Resp: 127202
Ion Ratio Lower Upper
64 100
66 32.6 22.4 41.6



#9
Trichlorofluoromethane
Concen: 45.15 ug/L
RT: 1.754 min Scan# 222
Delta R.T. -0.000 min
Lab File: VV020593.D
Acq: 13 Mar 2021 03:38

Tgt Ion:101 Resp: 244577
Ion Ratio Lower Upper
101 100
103 64.8 51.7 77.5



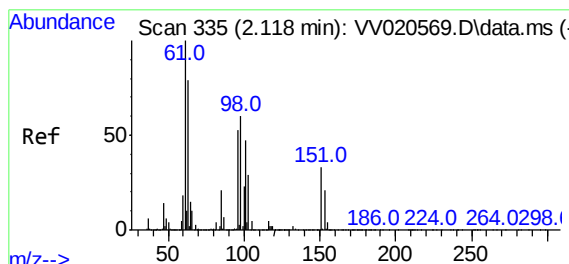
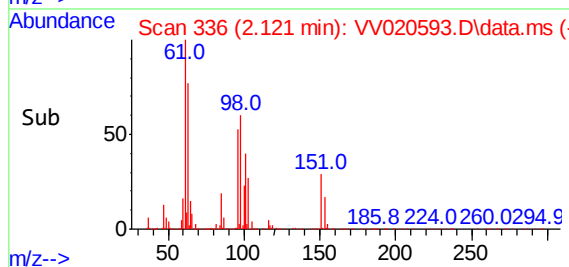
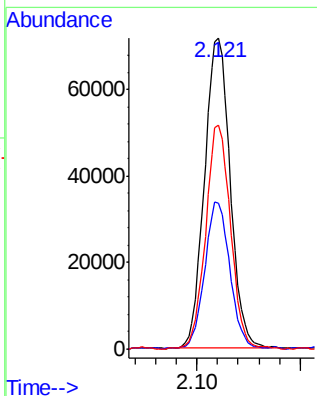
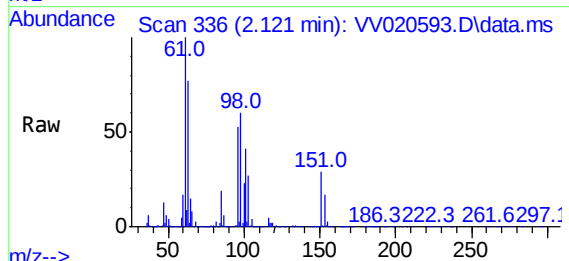


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 42.02 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.003 min
 Lab File: VV020593.D
 Acq: 13 Mar 2021 03:38

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05075

Tgt Ion:101 Resp: 124091

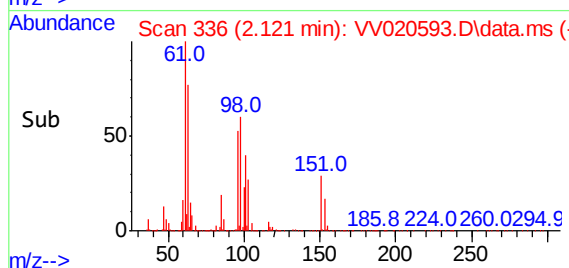
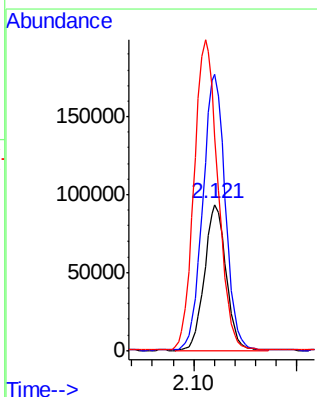
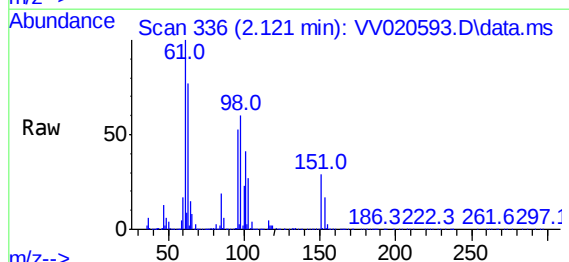
Ion	Ratio	Lower	Upper
101	100		
85	45.9	35.3	52.9
151	69.9	53.6	80.4

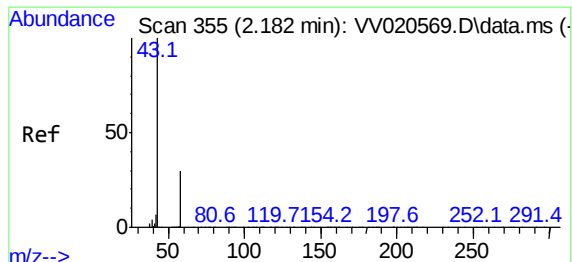


#12
 1,1-Dichloroethene
 Concen: 46.94 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.003 min
 Lab File: VV020593.D
 Acq: 13 Mar 2021 03:38

Tgt Ion: 96 Resp: 134500

Ion	Ratio	Lower	Upper
96	100		
61	189.4	134.9	250.5
63	146.3	117.6	218.4

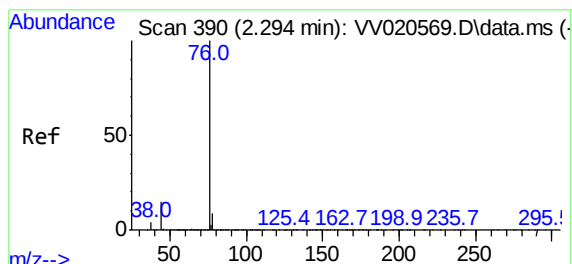
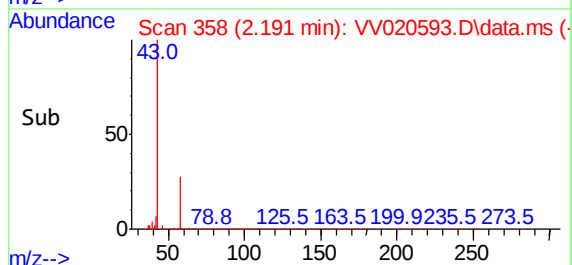
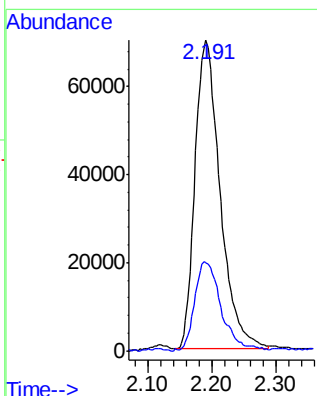
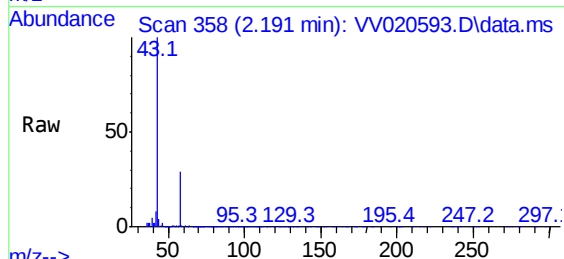




#13
Acetone
Concen: 105.97 ug/L
RT: 2.191 min Scan# 358
Delta R.T. 0.010 min
Lab File: VV020593.D
Acq: 13 Mar 2021 03:38

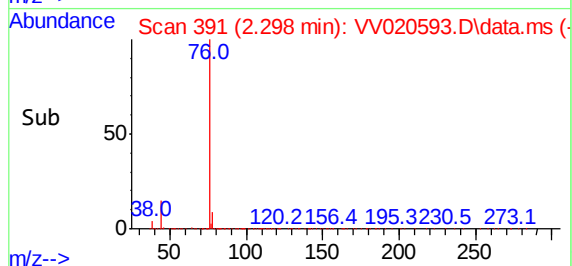
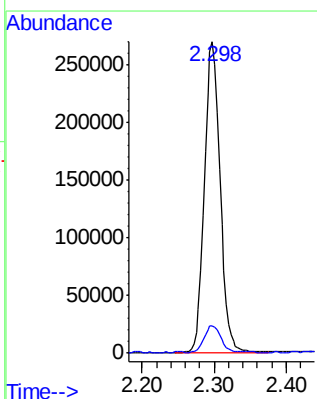
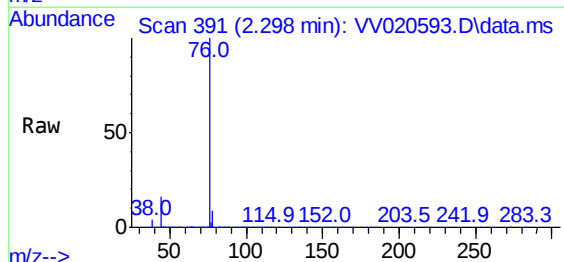
Instrument :
MSVOA_V
ClientSampleId :
VSTD05075

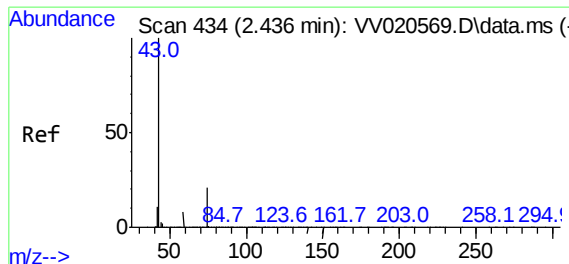
Tgt Ion: 43 Resp: 190221
Ion Ratio Lower Upper
43 100
58 28.8 0.0 60.2



#14
Carbon disulfide
Concen: 46.77 ug/L
RT: 2.298 min Scan# 391
Delta R.T. 0.003 min
Lab File: VV020593.D
Acq: 13 Mar 2021 03:38

Tgt Ion: 76 Resp: 406386
Ion Ratio Lower Upper
76 100
78 8.7 7.2 10.8

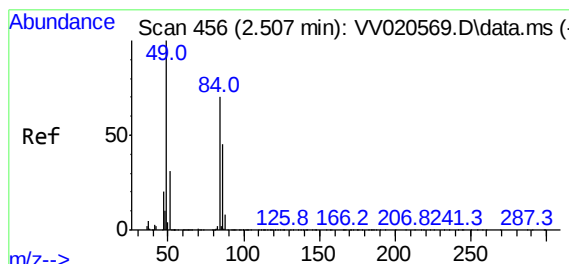
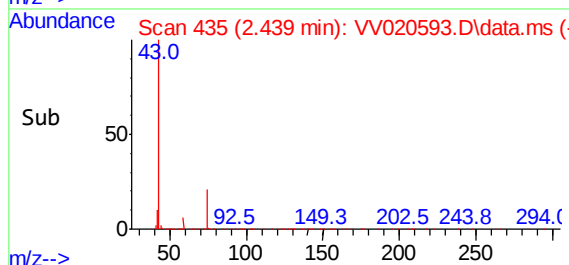
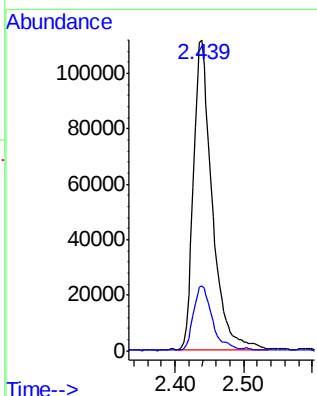
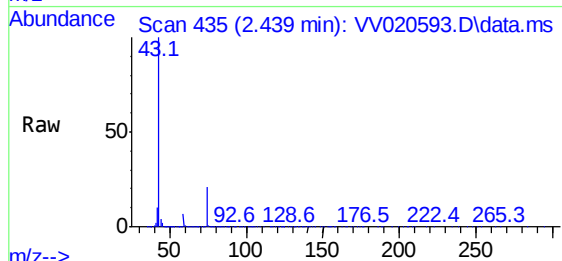




#15
Methyl Acetate
Concen: 61.35 ug/L
RT: 2.439 min Scan# 435
Delta R.T. 0.003 min
Lab File: VV020593.D
Acq: 13 Mar 2021 03:38

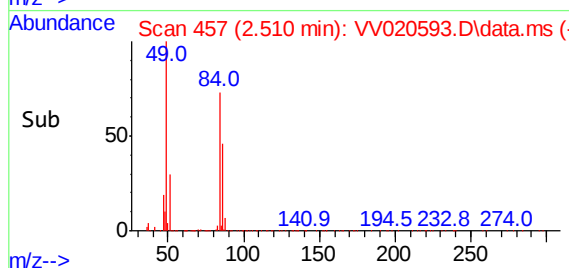
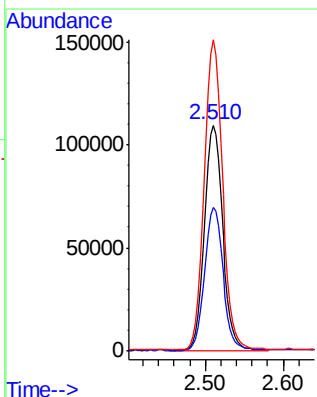
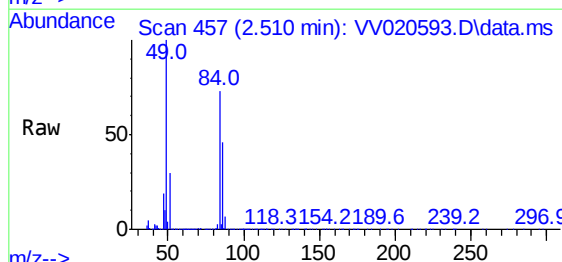
Instrument :
MSVOA_V
ClientSampleId :
VSTD05075

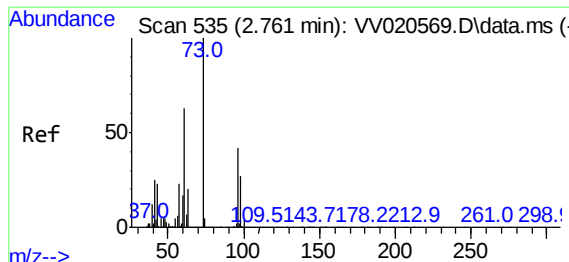
Tgt Ion: 43 Resp: 210909
Ion Ratio Lower Upper
43 100
74 21.1 17.6 26.4



#16
Methylene chloride
Concen: 54.14 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.003 min
Lab File: VV020593.D
Acq: 13 Mar 2021 03:38

Tgt Ion: 84 Resp: 179760
Ion Ratio Lower Upper
84 100
86 63.5 44.6 82.8
49 137.7 94.6 175.8

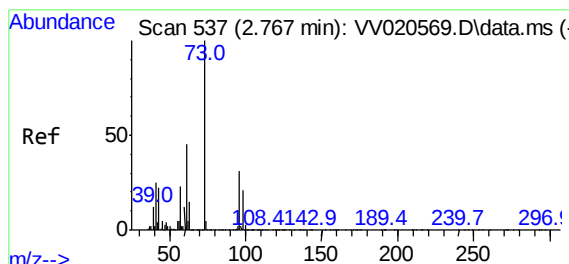
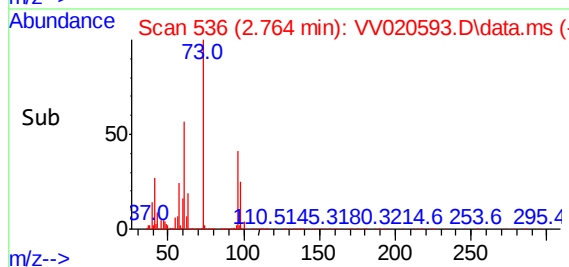
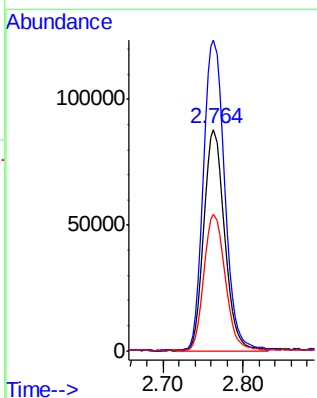
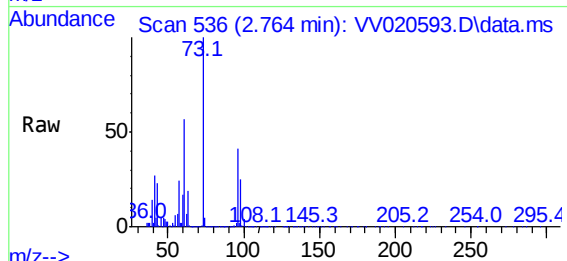




#17
trans-1,2-Dichloroethene
Concen: 49.52 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV020593.D
Acq: 13 Mar 2021 03:38

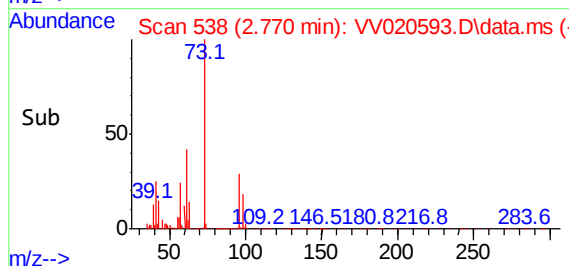
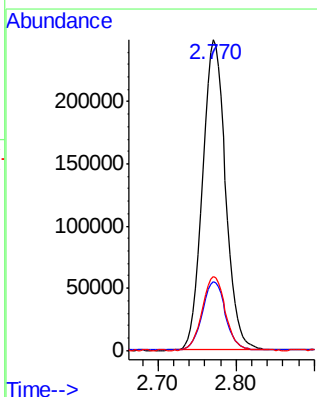
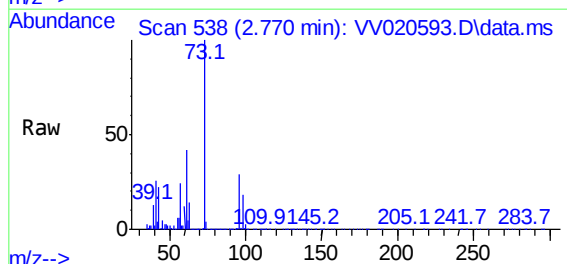
Instrument :
MSVOA_V
ClientSampleId :
VSTD05075

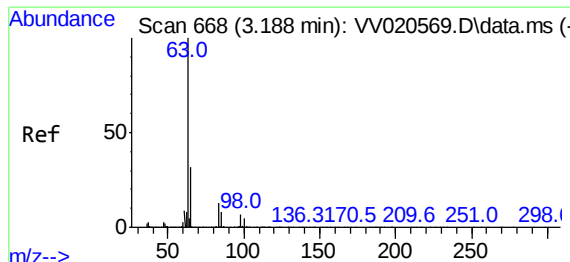
Tgt Ion: 96 Resp: 151586
Ion Ratio Lower Upper
96 100
61 140.3 103.1 191.5
98 61.7 43.1 80.1



#18
Methyl tert-butyl Ether
Concen: 55.26 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.003 min
Lab File: VV020593.D
Acq: 13 Mar 2021 03:38

Tgt Ion: 73 Resp: 514491
Ion Ratio Lower Upper
73 100
43 22.2 17.3 25.9
57 23.7 17.9 26.9

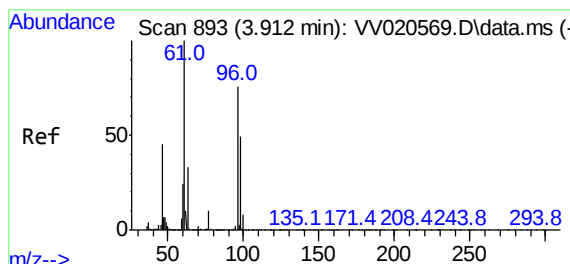
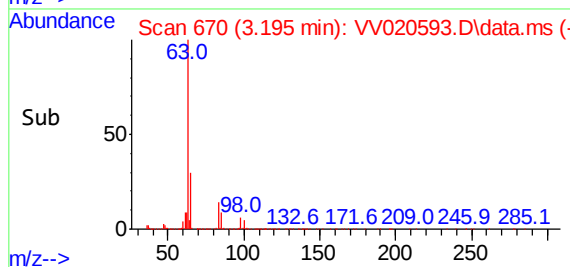
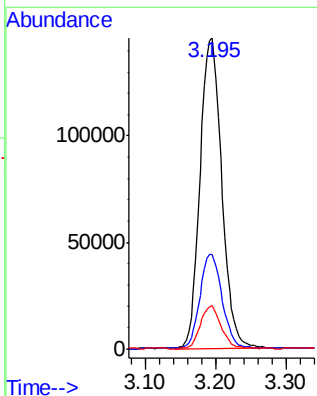
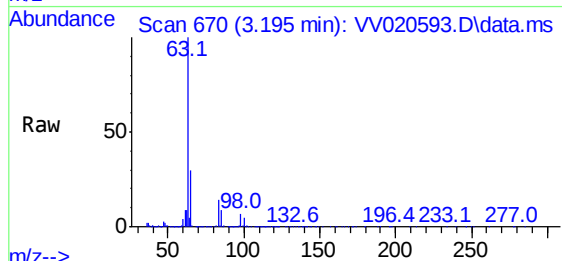




#19
1,1-Dichloroethane
Concen: 53.50 ug/L
RT: 3.195 min Scan# 670
Delta R.T. 0.006 min
Lab File: VV020593.D
Acq: 13 Mar 2021 03:38

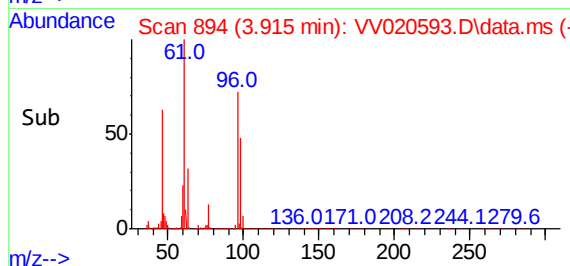
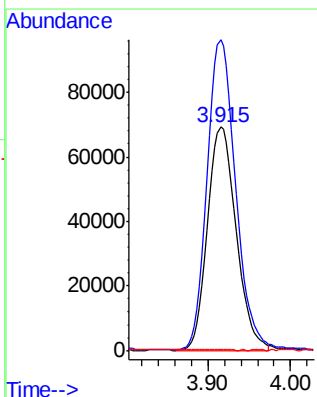
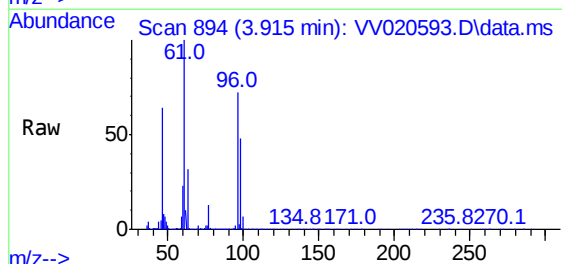
Instrument :
MSVOA_V
ClientSampleId :
VSTD05075

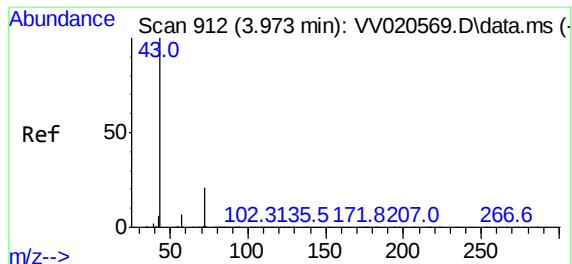
Tgt Ion: 63 Resp: 312506
Ion Ratio Lower Upper
63 100
65 30.3 21.9 40.7
83 13.8 9.5 17.7



#20
cis-1,2-Dichloroethene
Concen: 52.73 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.003 min
Lab File: VV020593.D
Acq: 13 Mar 2021 03:38

Tgt Ion: 96 Resp: 166636
Ion Ratio Lower Upper
96 100
61 139.2 96.9 179.9
68 0.3 0.0 0.0#

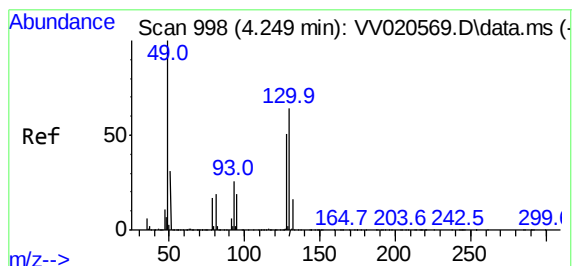
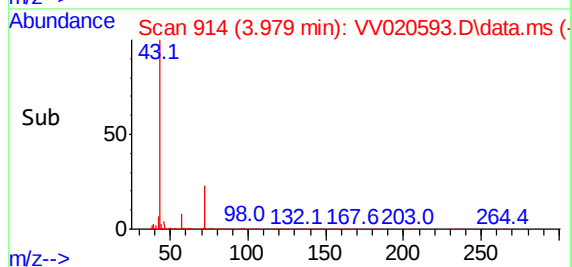
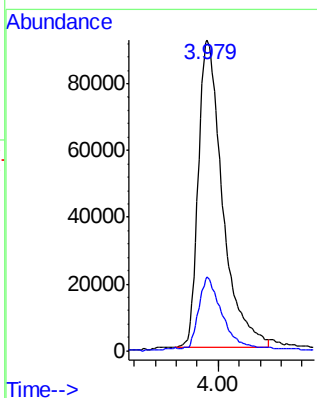
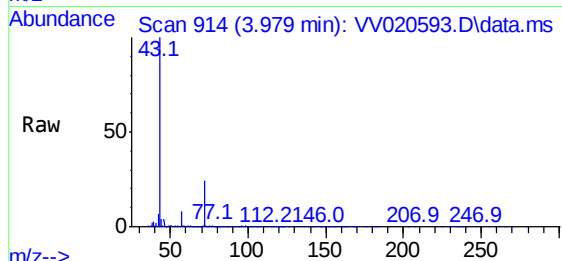




#22
2-Butanone
Concen: 118.49 ug/L
RT: 3.979 min Scan# 914
Delta R.T. 0.006 min
Lab File: VV020593.D
Acq: 13 Mar 2021 03:38

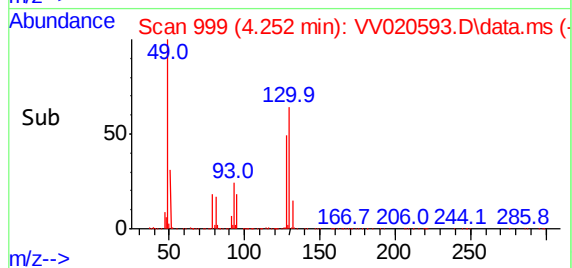
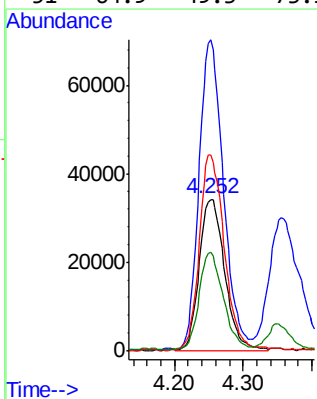
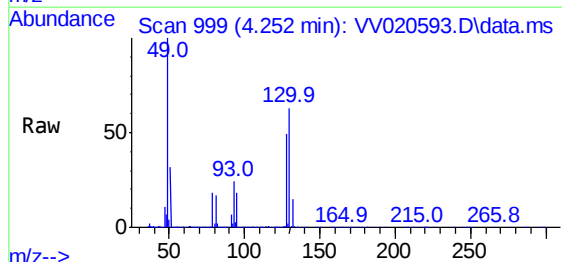
Instrument :
MSVOA_V
ClientSampleId :
VSTD05075

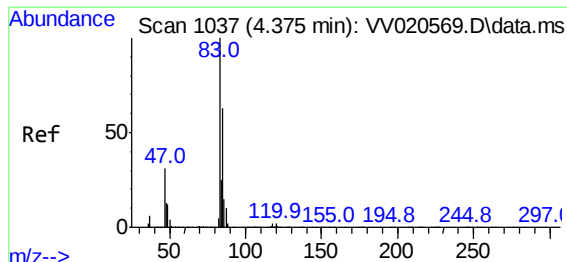
Tgt Ion: 43 Resp: 294182
Ion Ratio Lower Upper
43 100
72 21.2 12.2 36.6



#23
Bromochloromethane
Concen: 55.85 ug/L
RT: 4.252 min Scan# 999
Delta R.T. 0.003 min
Lab File: VV020593.D
Acq: 13 Mar 2021 03:38

Tgt Ion: 128 Resp: 88059
Ion Ratio Lower Upper
128 100
49 206.1 133.1 247.1
130 129.9 89.0 165.4
51 64.9 49.3 73.9

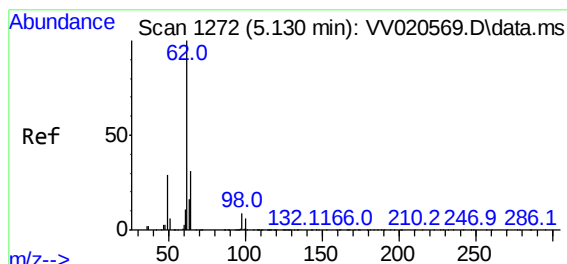
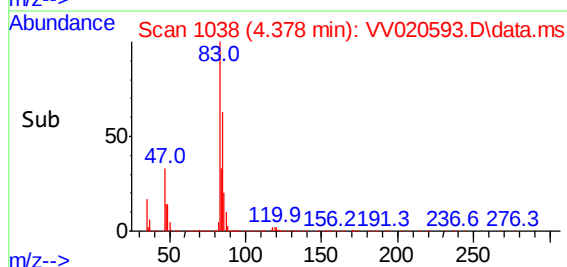
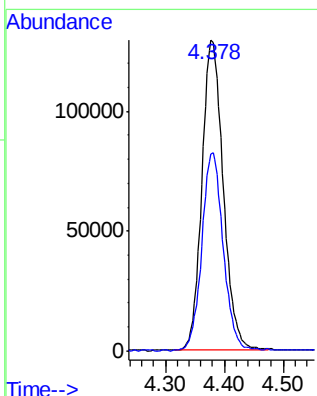
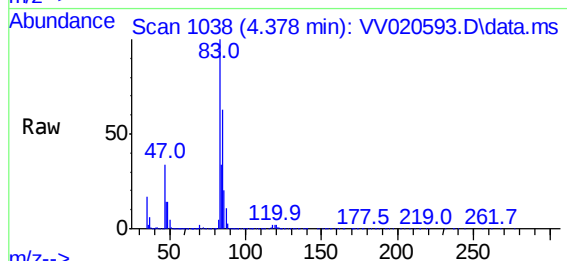




#25
Chloroform
Concen: 53.55 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.003 min
Lab File: VV020593.D
Acq: 13 Mar 2021 03:38

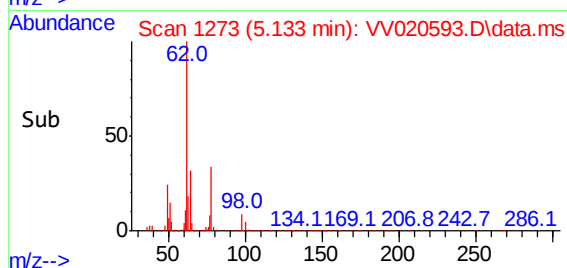
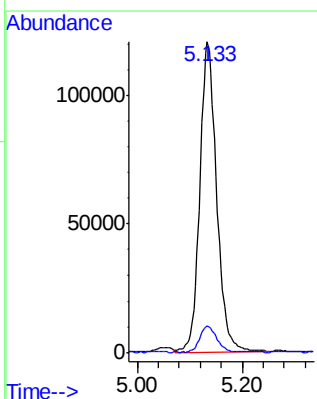
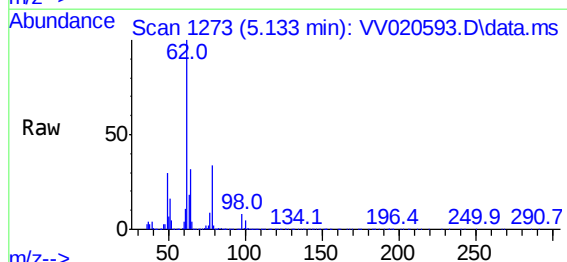
Instrument :
MSVOA_V
ClientSampleId :
VSTD05075

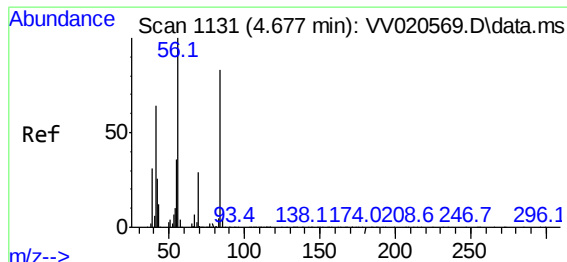
Tgt Ion: 83 Resp: 326707
Ion Ratio Lower Upper
83 100
85 63.3 44.2 82.2



#27
1,2-Dichloroethane
Concen: 55.43 ug/L
RT: 5.133 min Scan# 1273
Delta R.T. 0.003 min
Lab File: VV020593.D
Acq: 13 Mar 2021 03:38

Tgt Ion: 62 Resp: 267106
Ion Ratio Lower Upper
62 100
98 8.5 6.9 10.3

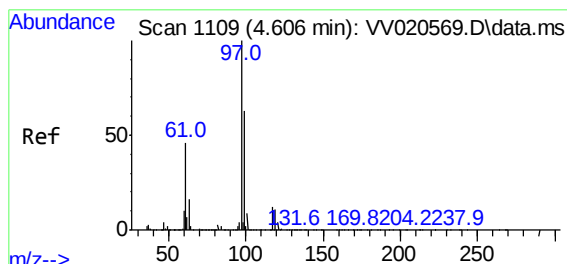
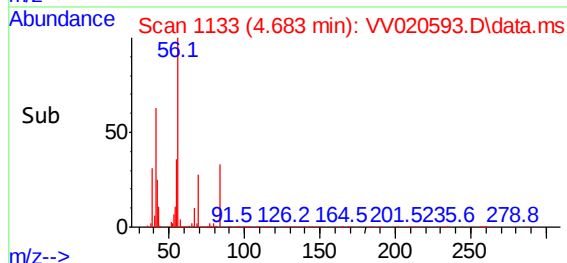
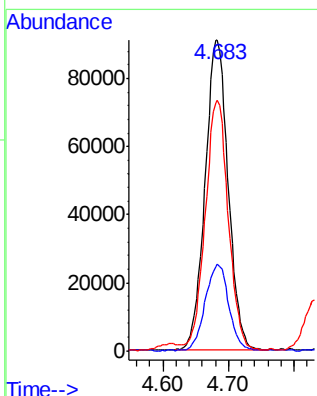
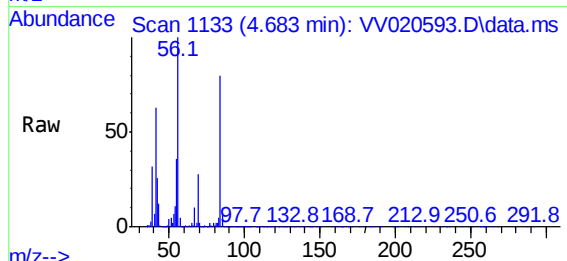




#29
Cyclohexane
Concen: 44.12 ug/L
RT: 4.683 min Scan# 1133
Delta R.T. 0.006 min
Lab File: VV020593.D
Acq: 13 Mar 2021 03:38

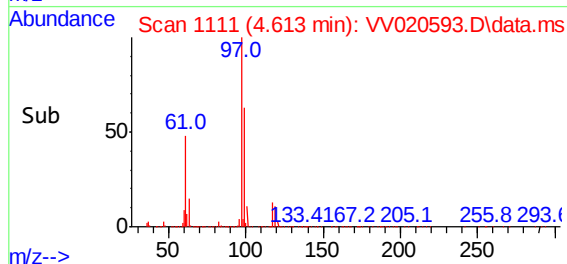
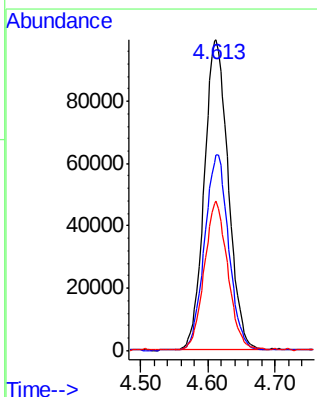
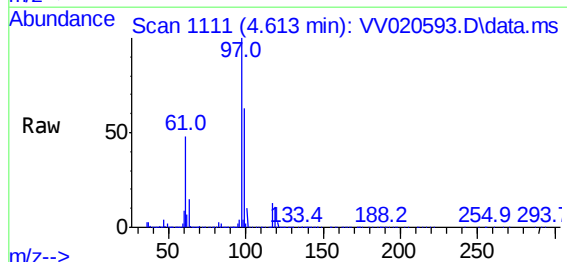
Instrument :
MSVOA_V
ClientSampleId :
VSTD05075

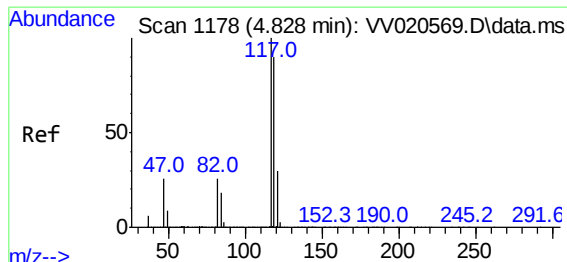
Tgt Ion: 56 Resp: 222213
Ion Ratio Lower Upper
56 100
69 28.1 24.2 36.2
84 80.2 66.3 99.5



#30
1,1,1-Trichloroethane
Concen: 49.84 ug/L
RT: 4.613 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VV020593.D
Acq: 13 Mar 2021 03:38

Tgt Ion: 97 Resp: 247739
Ion Ratio Lower Upper
97 100
99 63.3 51.2 76.8
61 46.6 38.5 57.7

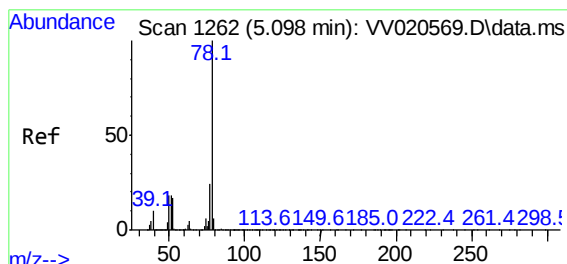
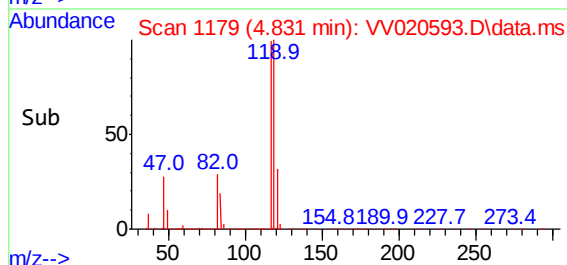
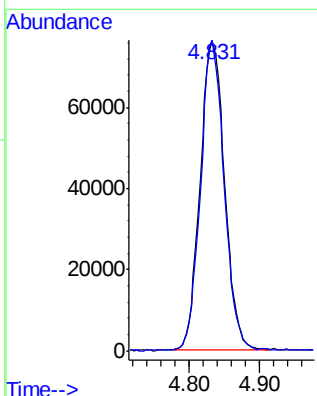
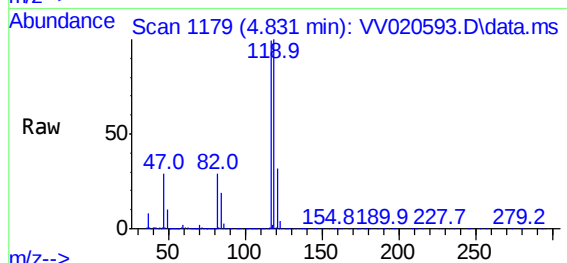




#31
Carbon tetrachloride
Concen: 45.72 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. 0.003 min
Lab File: VV020593.D
Acq: 13 Mar 2021 03:38

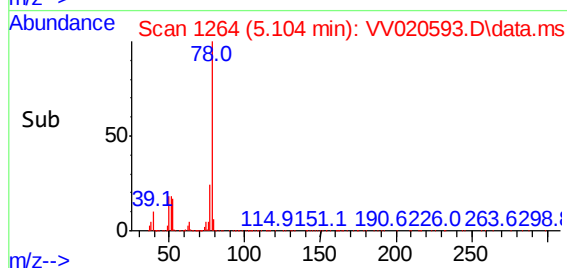
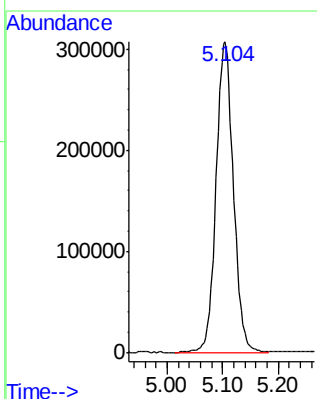
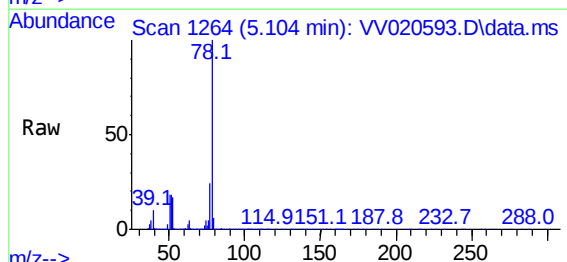
Instrument :
MSVOA_V
ClientSampleId :
VSTD05075

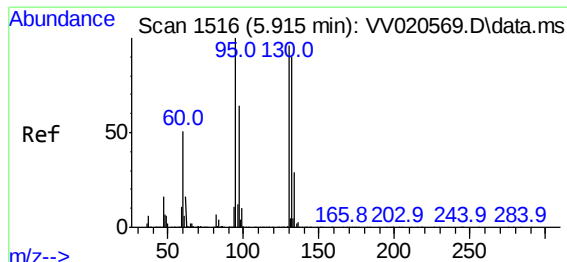
Tgt Ion:117 Resp: 184636
Ion Ratio Lower Upper
117 100
119 96.7 76.3 114.5



#33
Benzene
Concen: 53.90 ug/L
RT: 5.104 min Scan# 1264
Delta R.T. 0.006 min
Lab File: VV020593.D
Acq: 13 Mar 2021 03:38

Tgt Ion: 78 Resp: 668880



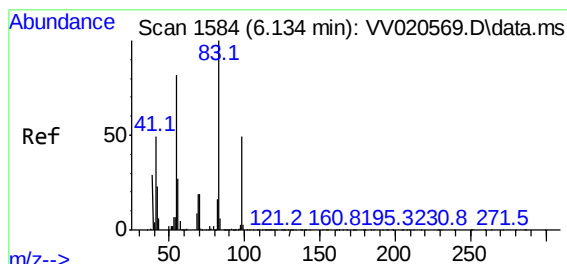
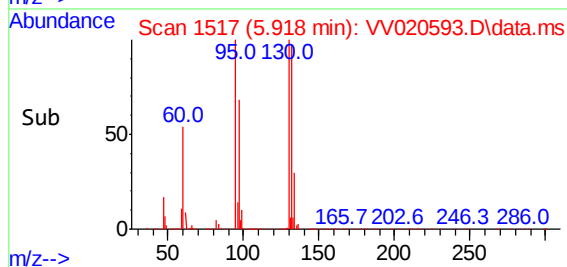
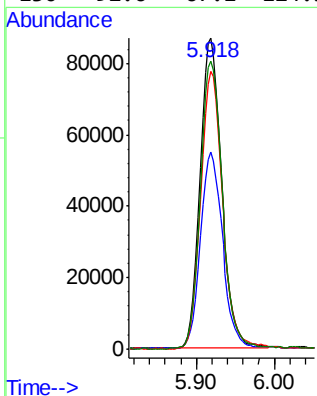
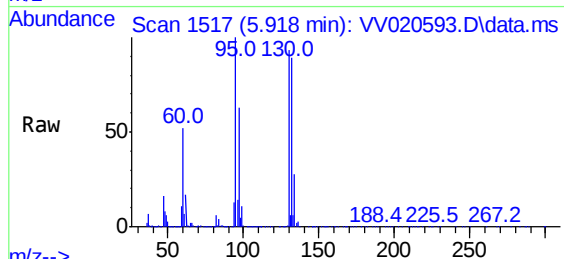


#34
Trichloroethene
Concen: 47.34 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.003 min
Lab File: VV020593.D
Acq: 13 Mar 2021 03:38

Instrument :
MSVOA_V
ClientSampleId :
VSTD05075

Tgt Ion: 95 Resp: 165748

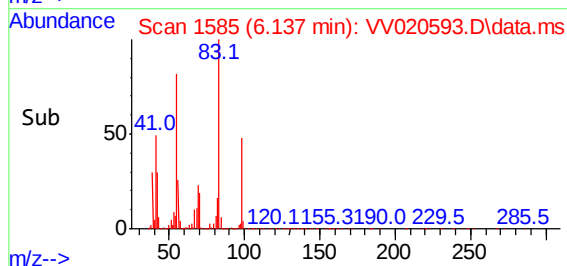
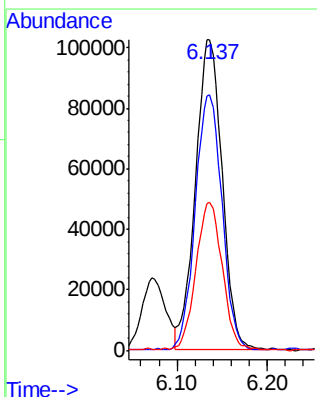
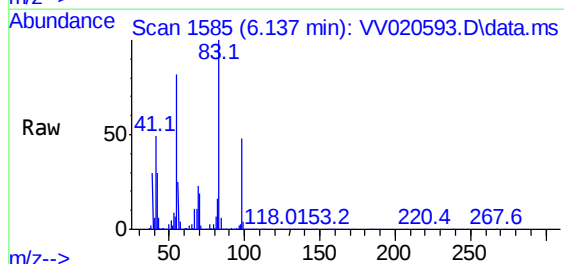
Ion	Ratio	Lower	Upper
95	100		
97	63.2	44.5	82.7
132	89.5	63.4	117.8
130	92.6	67.1	124.5

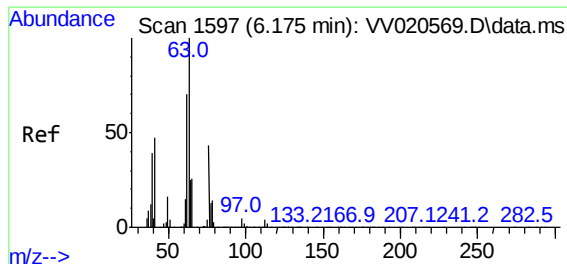


#35
Methylcyclohexane
Concen: 43.45 ug/L
RT: 6.137 min Scan# 1585
Delta R.T. 0.003 min
Lab File: VV020593.D
Acq: 13 Mar 2021 03:38

Tgt Ion: 83 Resp: 209082

Ion	Ratio	Lower	Upper
83	100		
55	83.0	65.1	97.7
98	46.9	38.2	57.2

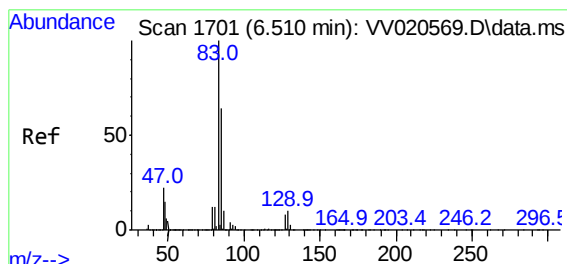
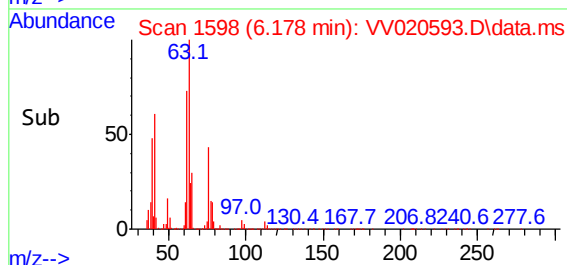
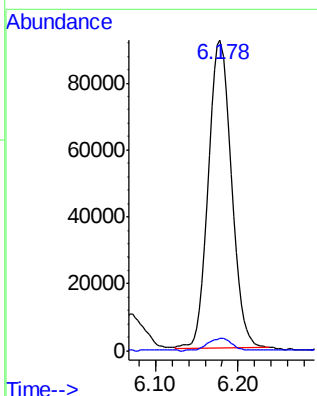
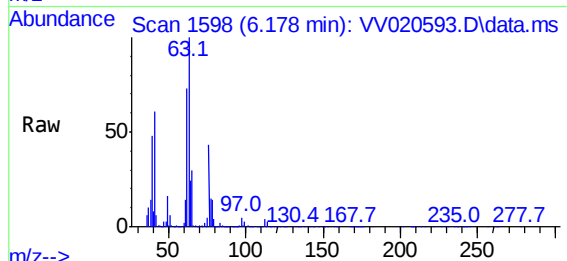




#37
1,2-Dichloropropane
Concen: 54.54 ug/L
RT: 6.178 min Scan# 1598
Delta R.T. 0.003 min
Lab File: VV020593.D
Acq: 13 Mar 2021 03:38

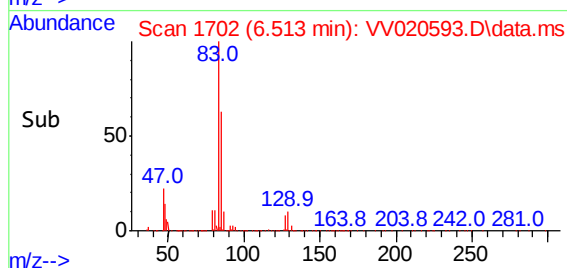
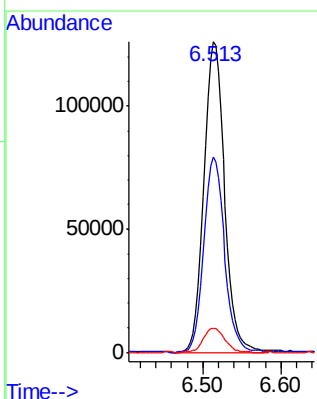
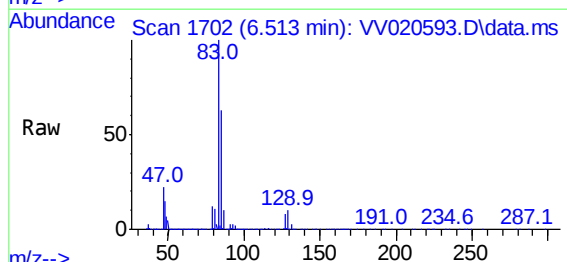
Instrument :
MSVOA_V
ClientSampleId :
VSTD05075

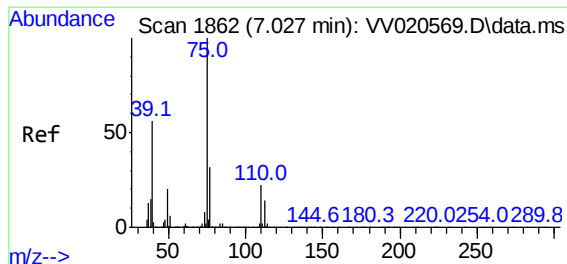
Tgt Ion: 63 Resp: 176709
Ion Ratio Lower Upper
63 100
112 4.3 3.3 4.9



#38
Bromodichloromethane
Concen: 54.82 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.003 min
Lab File: VV020593.D
Acq: 13 Mar 2021 03:38

Tgt Ion: 83 Resp: 233884
Ion Ratio Lower Upper
83 100
85 62.9 44.5 82.7
127 7.8 6.3 9.5

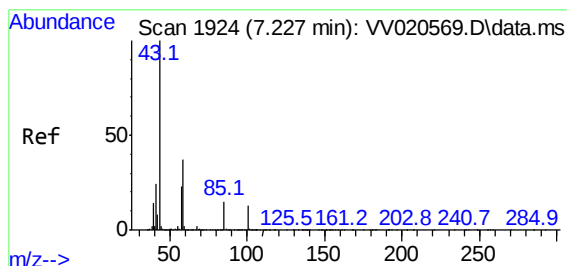
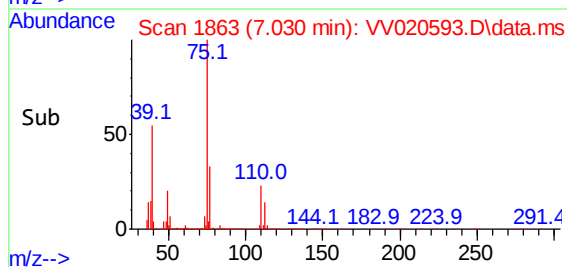
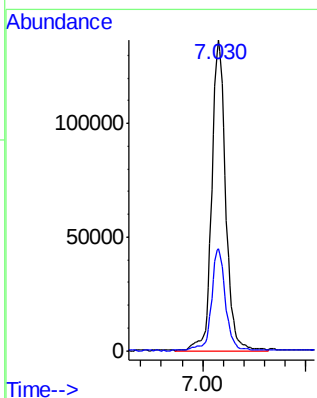
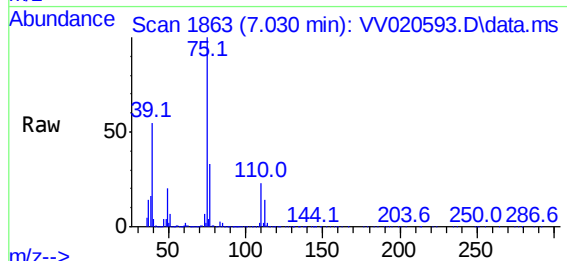




#39
 cis-1,3-Dichloropropene
 Concen: 53.01 ug/L
 RT: 7.030 min Scan# 1863
 Delta R.T. 0.003 min
 Lab File: VV020593.D
 Acq: 13 Mar 2021 03:38

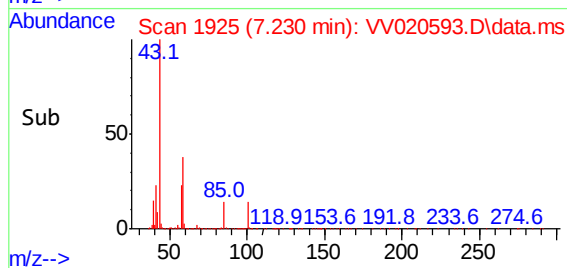
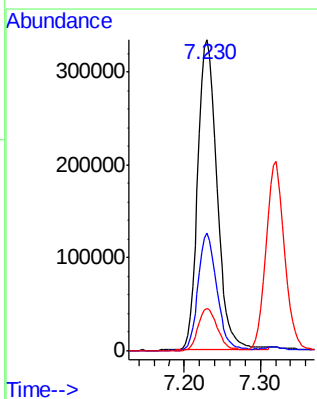
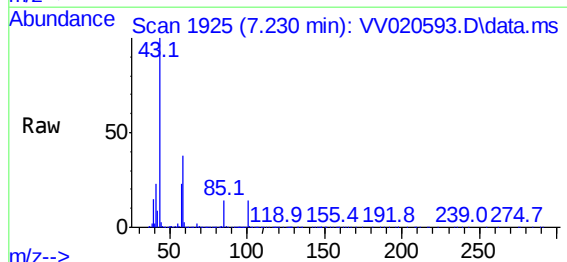
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05075

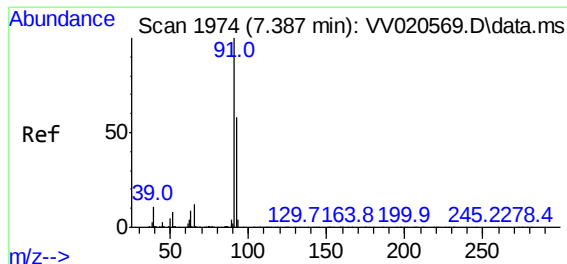
Tgt Ion: 75 Resp: 254763
 Ion Ratio Lower Upper
 75 100
 77 33.0 21.8 40.6



#40
 4-Methyl-2-pentanone
 Concen: 120.37 ug/L
 RT: 7.230 min Scan# 1925
 Delta R.T. 0.003 min
 Lab File: VV020593.D
 Acq: 13 Mar 2021 03:38

Tgt Ion: 43 Resp: 586572
 Ion Ratio Lower Upper
 43 100
 58 36.3 30.7 46.1
 100 13.4 11.6 17.4

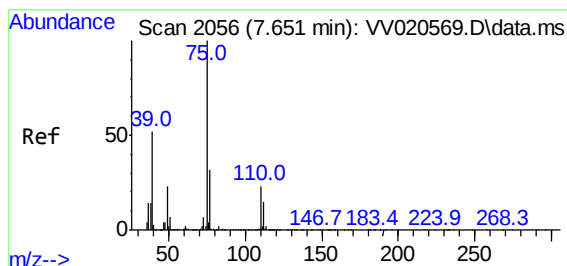
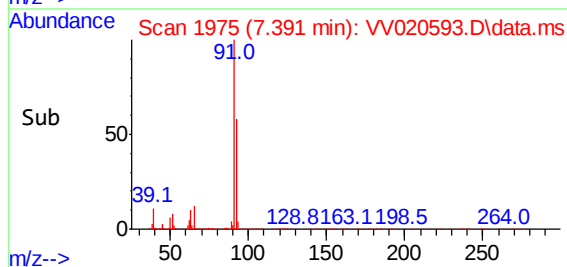
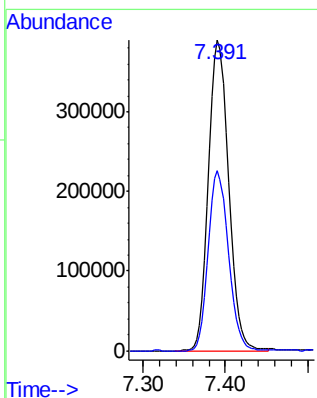
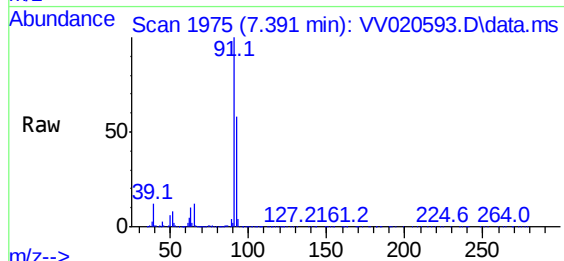




#42
Toluene
Concen: 50.64 ug/L
RT: 7.391 min Scan# 1975
Delta R.T. 0.003 min
Lab File: VV020593.D
Acq: 13 Mar 2021 03:38

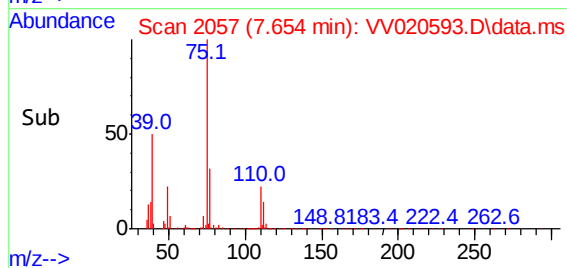
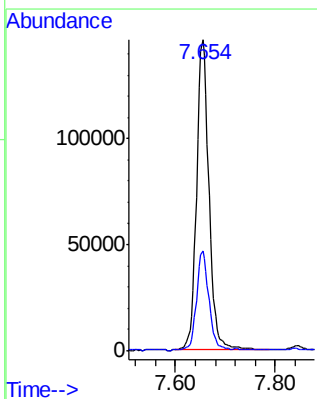
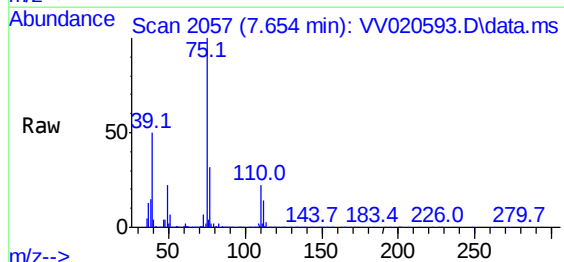
Instrument :
MSVOA_V
ClientSampleId :
VSTD05075

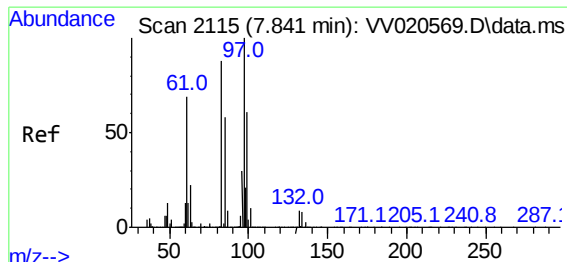
Tgt Ion: 91 Resp: 656043
Ion Ratio Lower Upper
91 100
92 57.8 40.7 75.7



#44
trans-1,3-Dichloropropene
Concen: 53.59 ug/L
RT: 7.654 min Scan# 2057
Delta R.T. 0.003 min
Lab File: VV020593.D
Acq: 13 Mar 2021 03:38

Tgt Ion: 75 Resp: 253194
Ion Ratio Lower Upper
75 100
77 31.9 22.0 41.0



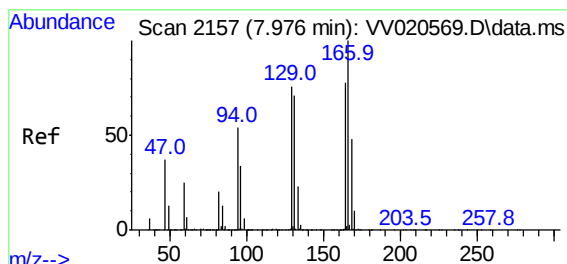
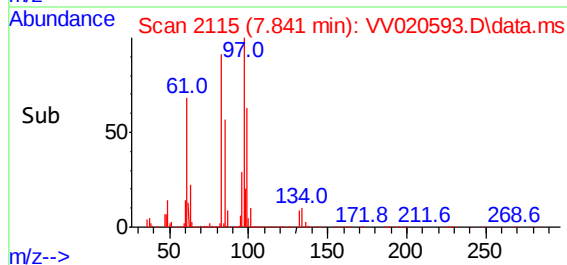
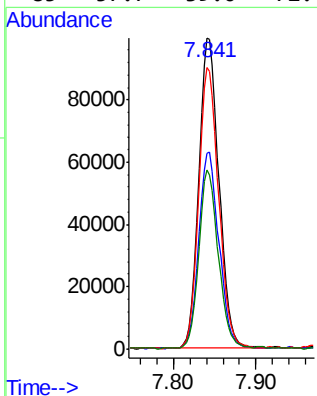
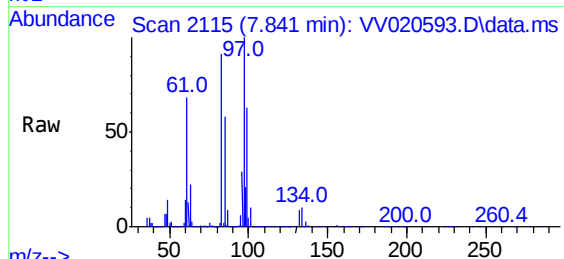


#45
1,1,2-Trichloroethane
Concen: 56.08 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. -0.000 min
Lab File: VV020593.D
Acq: 13 Mar 2021 03:38

Instrument :
MSVOA_V
ClientSampleId :
VSTD05075

Tgt Ion: 97 Resp: 169304

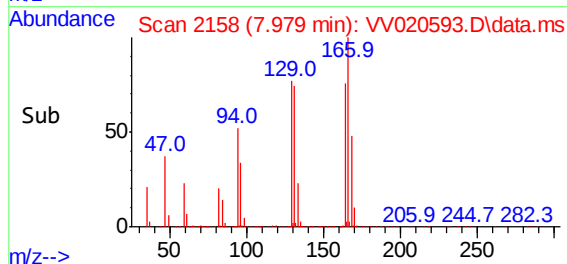
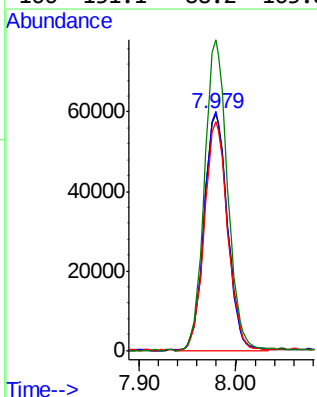
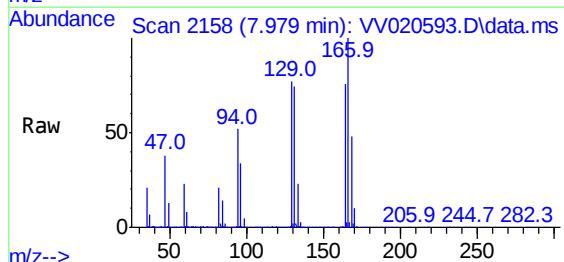
Ion	Ratio	Lower	Upper
97	100		
99	63.0	43.8	81.3
83	90.7	62.2	115.4
85	57.7	39.0	72.4

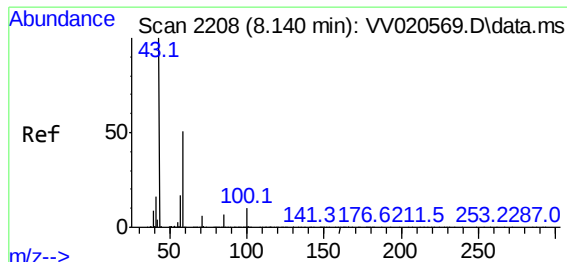


#46
Tetrachloroethene
Concen: 44.73 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV020593.D
Acq: 13 Mar 2021 03:38

Tgt Ion: 164 Resp: 100489

Ion	Ratio	Lower	Upper
164	100		
129	101.1	70.6	131.0
131	96.6	66.8	124.0
166	131.1	88.2	163.8

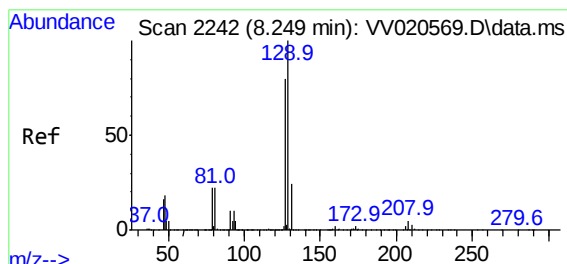
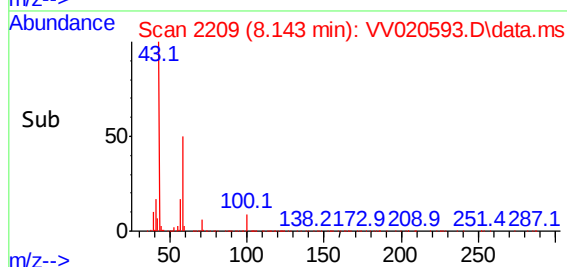
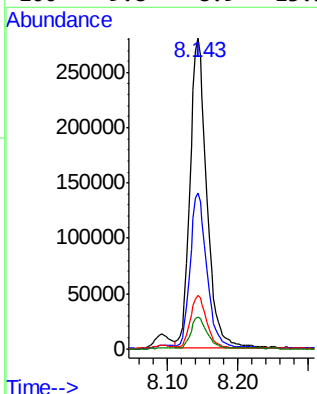
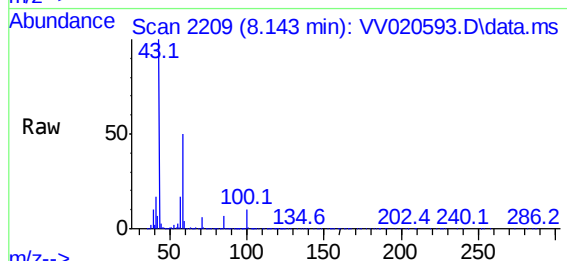




#48
2-Hexanone
Concen: 121.77 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. 0.003 min
Lab File: VV020593.D
Acq: 13 Mar 2021 03:38

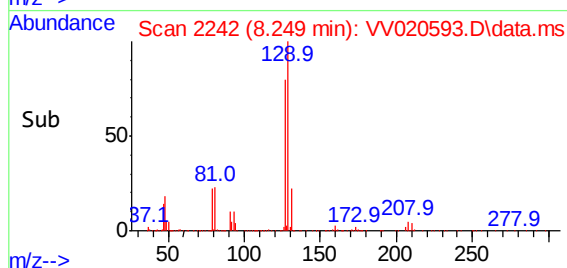
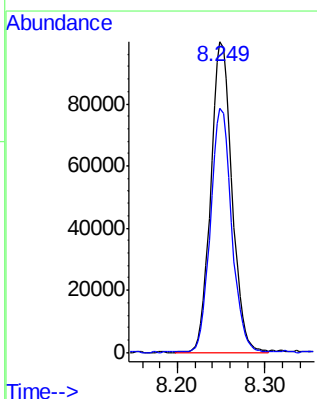
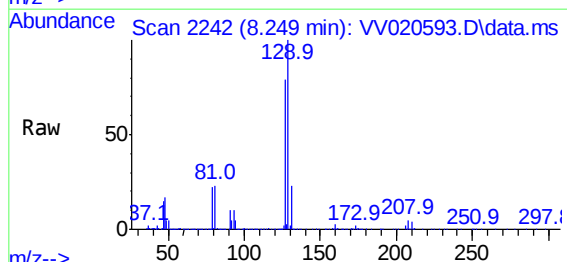
Instrument :
MSVOA_V
ClientSampleId :
VSTD05075

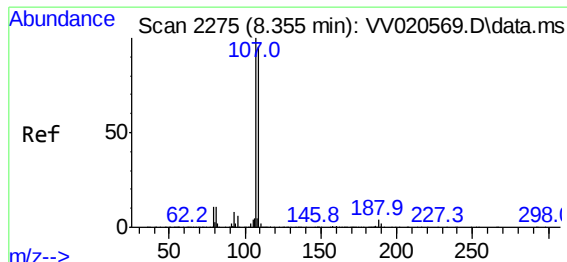
Tgt Ion: 43 Resp: 463486
Ion Ratio Lower Upper
43 100
58 48.0 41.8 62.6
57 16.2 15.0 22.4
100 9.8 8.9 13.3



#49
Dibromochloromethane
Concen: 53.37 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VV020593.D
Acq: 13 Mar 2021 03:38

Tgt Ion: 129 Resp: 167763
Ion Ratio Lower Upper
129 100
127 78.6 55.2 102.6

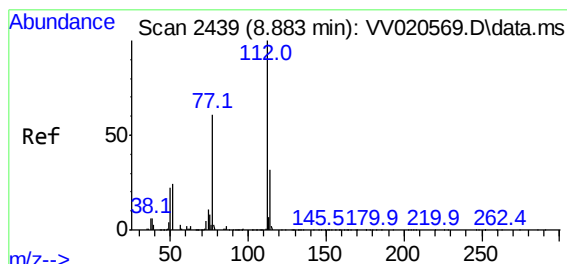
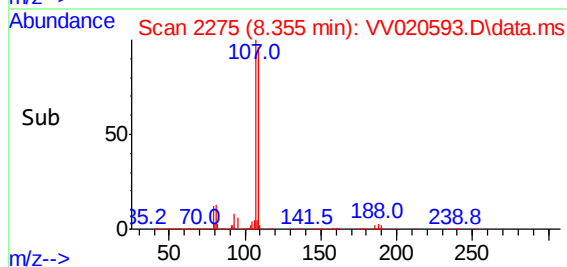
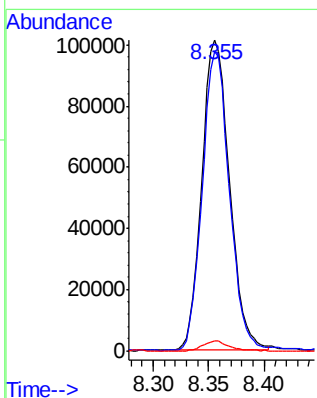
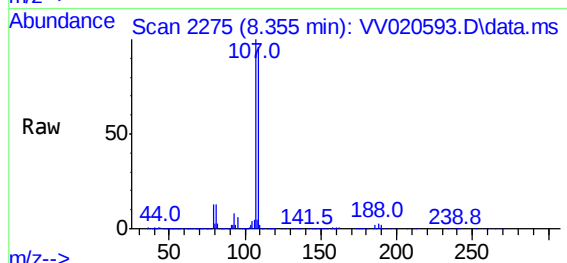




#50
1,2-Dibromoethane
Concen: 54.31 ug/L
RT: 8.355 min Scan# 2275
Delta R.T. -0.000 min
Lab File: VV020593.D
Acq: 13 Mar 2021 03:38

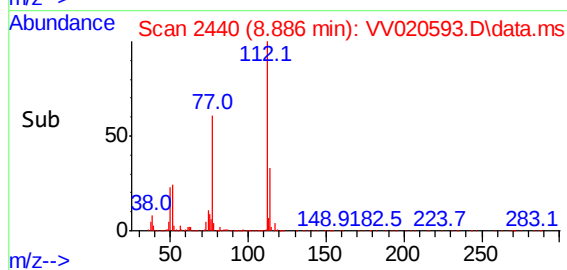
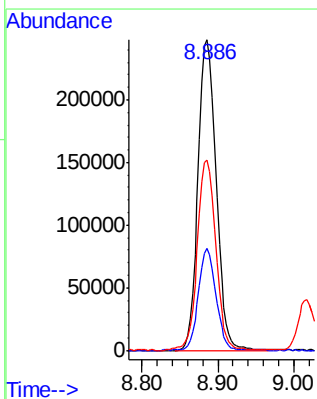
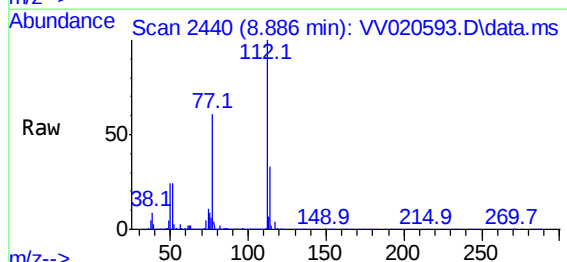
Instrument :
MSVOA_V
ClientSampleId :
VSTD05075

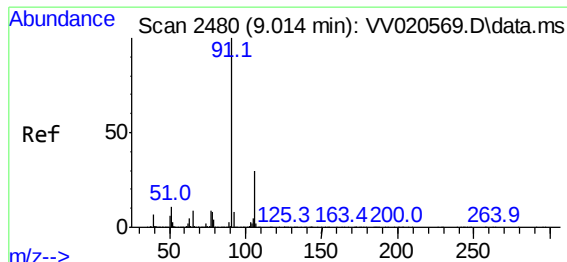
Tgt Ion:107 Resp: 175608
Ion Ratio Lower Upper
107 100
109 96.4 66.2 123.0
188 3.3 2.6 3.8



#51
Chlorobenzene
Concen: 48.91 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. 0.003 min
Lab File: VV020593.D
Acq: 13 Mar 2021 03:38

Tgt Ion:112 Resp: 409806
Ion Ratio Lower Upper
112 100
114 32.7 22.2 41.2
77 61.4 49.0 73.6

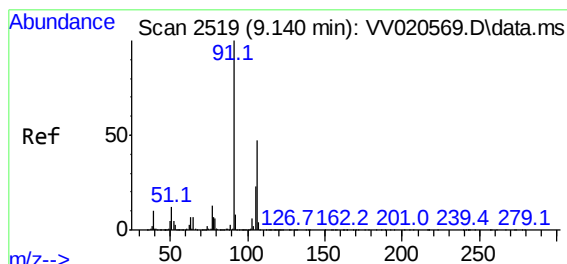
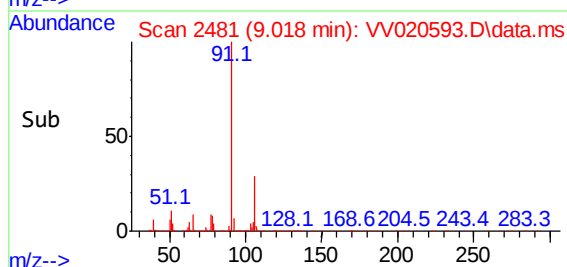
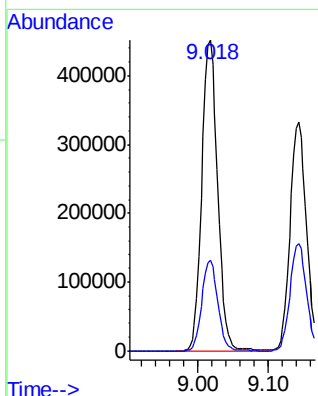
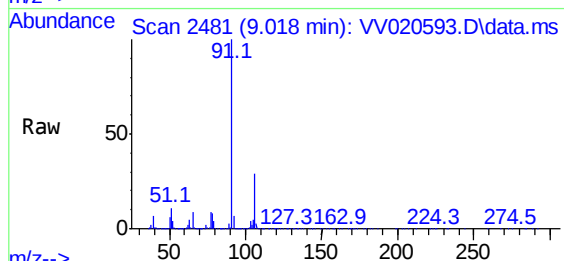




#52
Ethylbenzene
Concen: 47.66 ug/L
RT: 9.018 min Scan# 2481
Delta R.T. 0.003 min
Lab File: VV020593.D
Acq: 13 Mar 2021 03:38

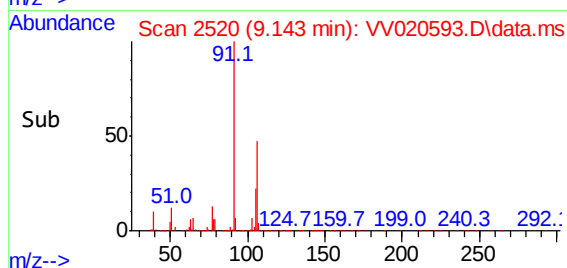
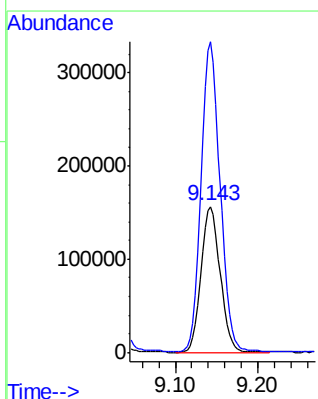
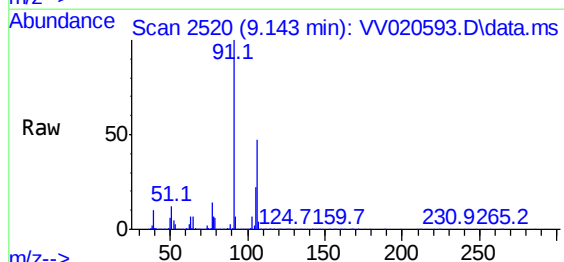
Instrument :
MSVOA_V
ClientSampleId :
VSTD05075

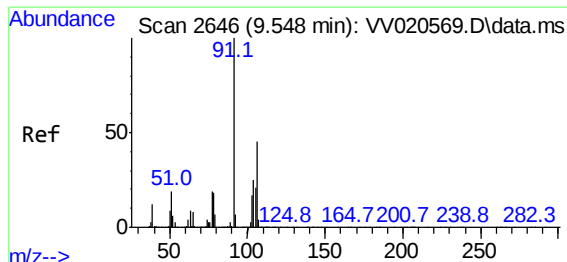
Tgt Ion: 91 Resp: 698943
Ion Ratio Lower Upper
91 100
106 29.1 21.0 39.0



#53
m,p-Xylene
Concen: 46.91 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.003 min
Lab File: VV020593.D
Acq: 13 Mar 2021 03:38

Tgt Ion: 106 Resp: 251210
Ion Ratio Lower Upper
106 100
91 212.7 148.1 275.0

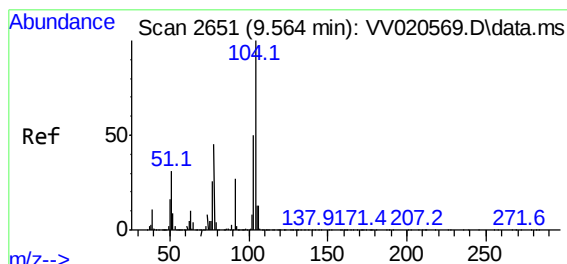
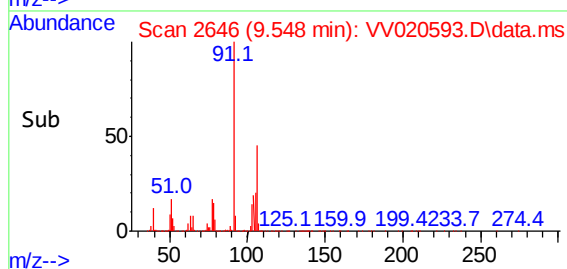
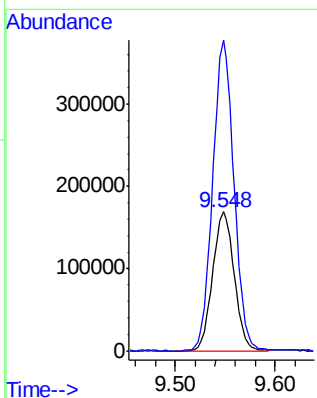
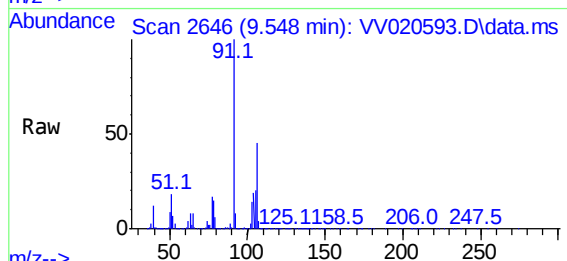




#54
o-xylene
Concen: 48.87 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. -0.000 min
Lab File: VV020593.D
Acq: 13 Mar 2021 03:38

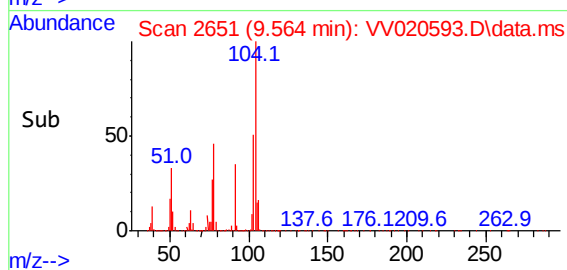
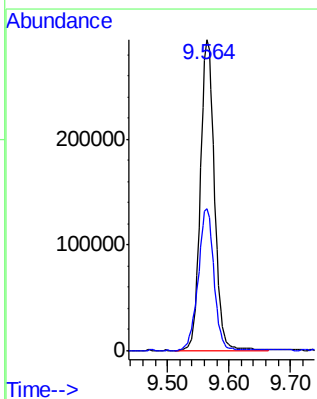
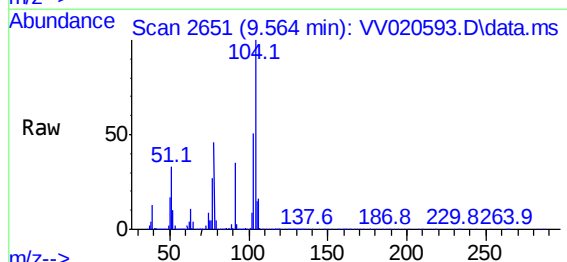
Instrument :
MSVOA_V
ClientSampleId :
VSTD05075

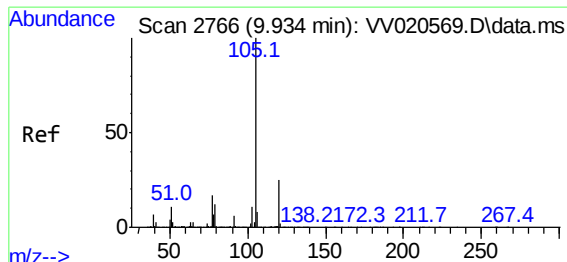
Tgt Ion:106 Resp: 253385
Ion Ratio Lower Upper
106 100
91 224.1 156.4 290.6



#55
Styrene
Concen: 50.85 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. -0.000 min
Lab File: VV020593.D
Acq: 13 Mar 2021 03:38

Tgt Ion:104 Resp: 460352
Ion Ratio Lower Upper
104 100
78 45.6 33.7 62.5

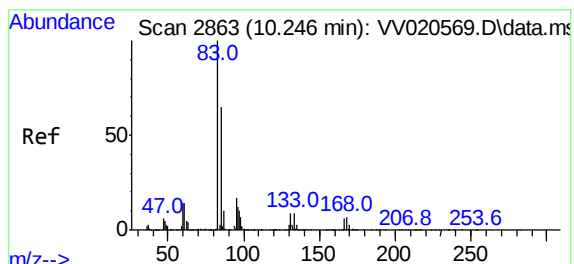
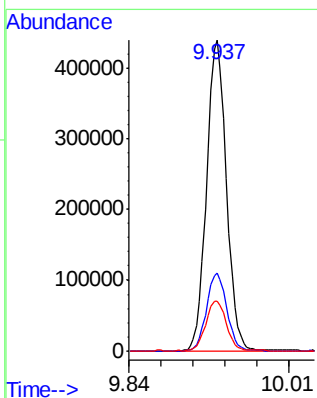
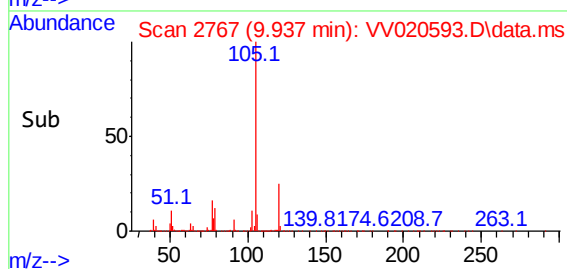
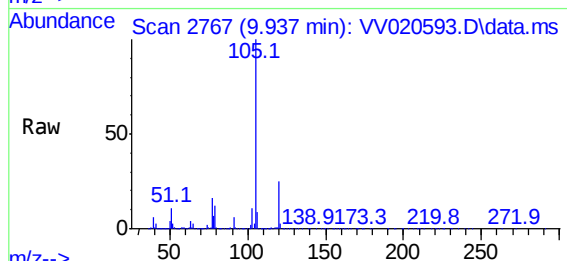




#56
Isopropylbenzene
Concen: 46.25 ug/L
RT: 9.937 min Scan# 2767
Delta R.T. 0.003 min
Lab File: VV020593.D
Acq: 13 Mar 2021 03:38

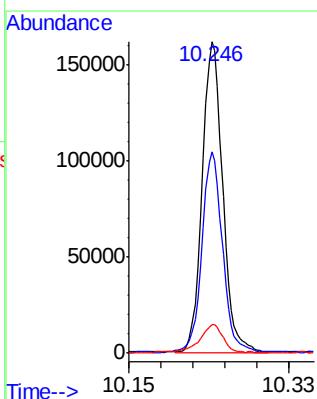
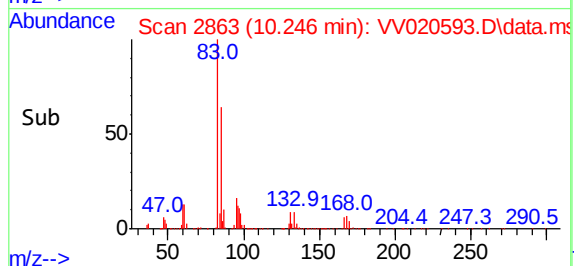
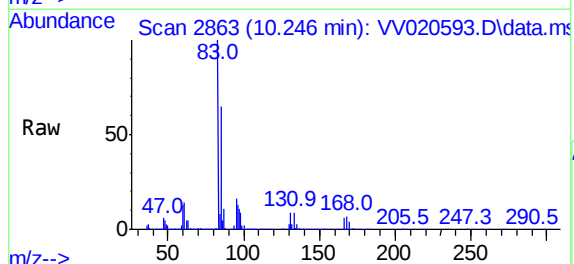
Instrument :
MSVOA_V
ClientSampled :
VSTD05075

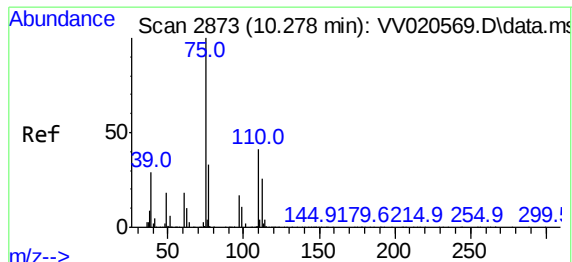
Tgt Ion:105 Resp: 648803
Ion Ratio Lower Upper
105 100
120 25.4 20.5 30.7
77 16.4 13.6 20.4



#58
1,1,2,2-Tetrachloroethane
Concen: 58.64 ug/L
RT: 10.246 min Scan# 2863
Delta R.T. -0.000 min
Lab File: VV020593.D
Acq: 13 Mar 2021 03:38

Tgt Ion: 83 Resp: 262928
Ion Ratio Lower Upper
83 100
85 64.5 44.3 82.3
131 8.9 7.3 10.9

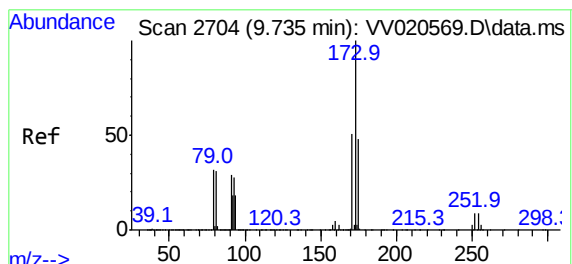
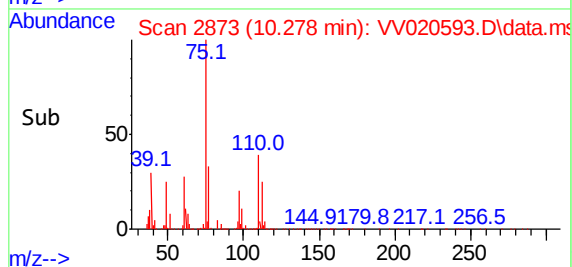
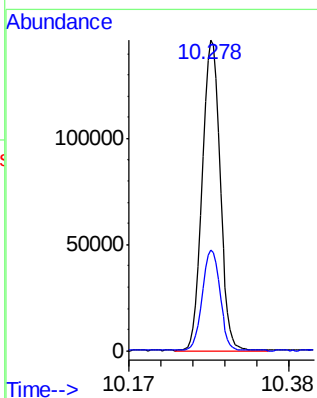
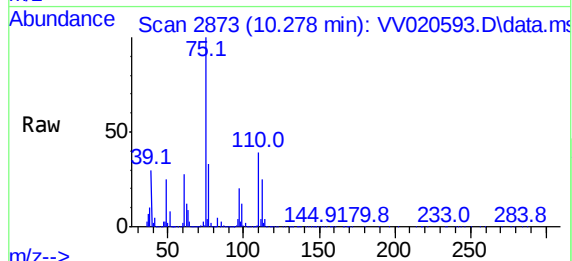




#59
1,2,3-Trichloropropane
Concen: 56.54 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. -0.000 min
Lab File: VV020593.D
Acq: 13 Mar 2021 03:38

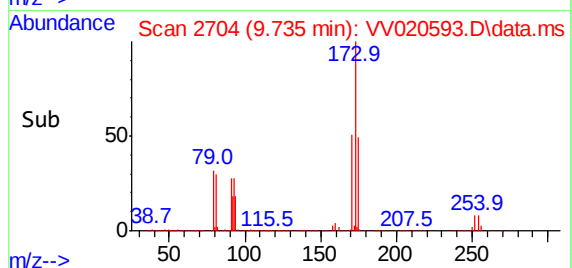
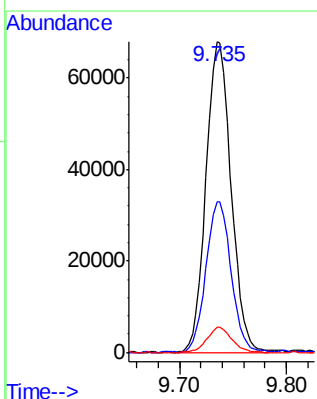
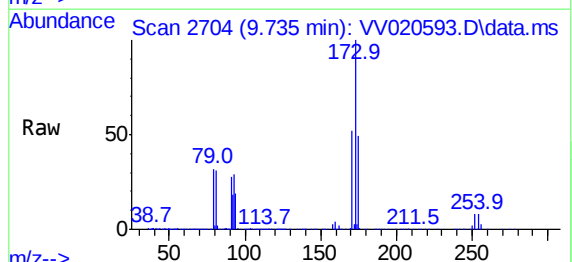
Instrument :
MSVOA_V
ClientSampleId :
VSTD05075

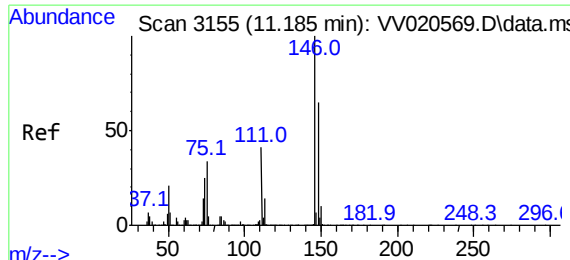
Tgt Ion: 75 Resp: 232146
Ion Ratio Lower Upper
75 100
77 32.2 25.4 38.0



#61
Bromoform
Concen: 54.75 ug/L
RT: 9.735 min Scan# 2704
Delta R.T. -0.000 min
Lab File: VV020593.D
Acq: 13 Mar 2021 03:38

Tgt Ion:173 Resp: 109991
Ion Ratio Lower Upper
173 100
175 48.8 38.6 57.8
254 8.1 6.5 9.7

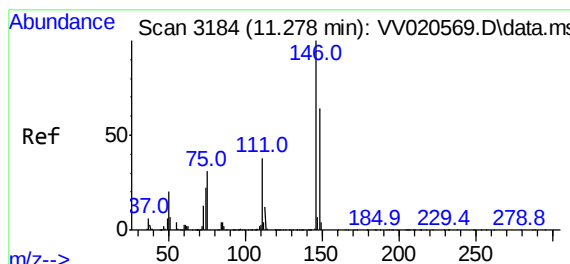
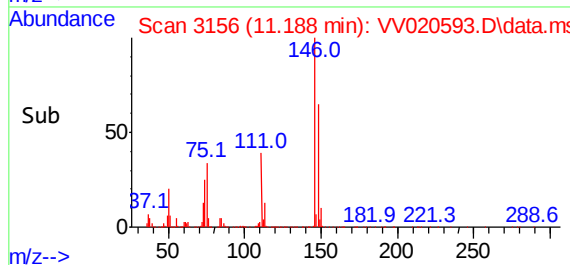
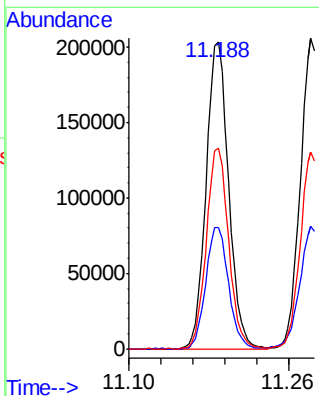
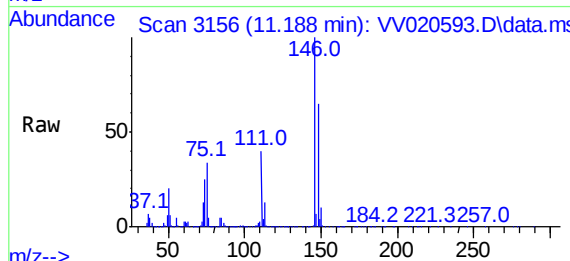




#62
1,3-Dichlorobenzene
Concen: 47.73 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.003 min
Lab File: VV020593.D
Acq: 13 Mar 2021 03:38

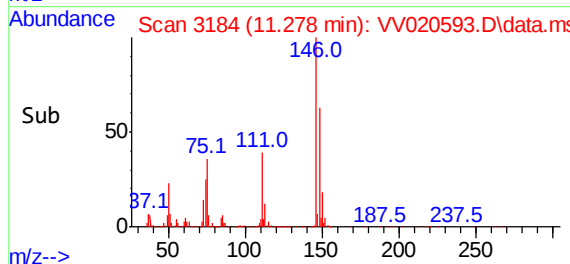
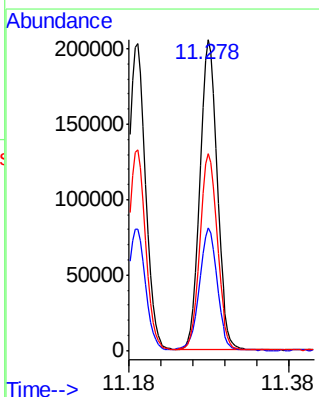
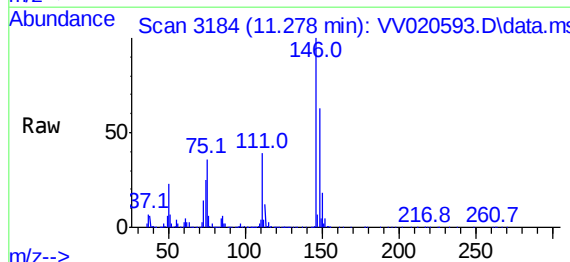
Instrument :
MSVOA_V
ClientSampleId :
VSTD05075

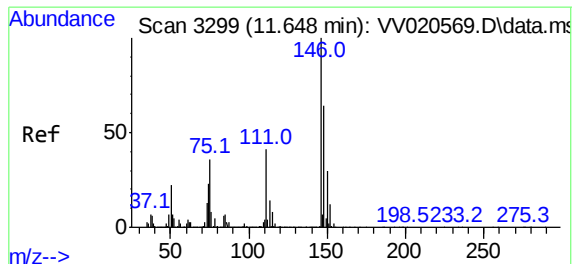
Tgt Ion:146 Resp: 307248
Ion Ratio Lower Upper
146 100
111 39.5 30.2 56.2
148 65.2 45.0 83.6



#63
1,4-Dichlorobenzene
Concen: 46.79 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. -0.000 min
Lab File: VV020593.D
Acq: 13 Mar 2021 03:38

Tgt Ion:146 Resp: 314319
Ion Ratio Lower Upper
146 100
111 39.3 29.4 54.6
148 63.5 44.7 83.1

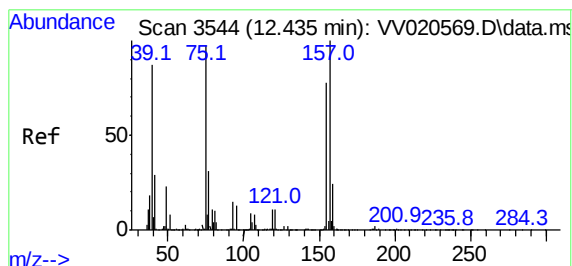
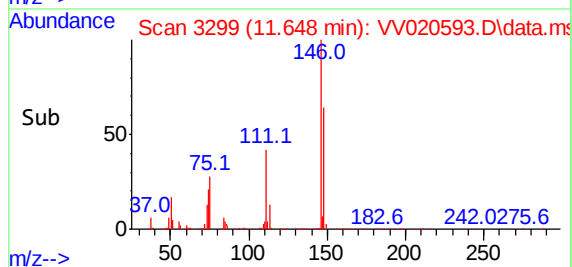
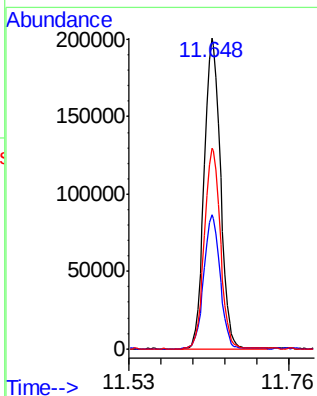
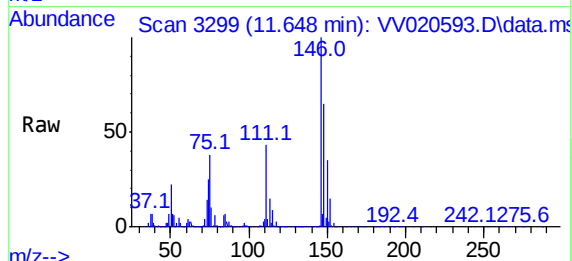




#65
1,2-Dichlorobenzene
Concen: 50.05 ug/L
RT: 11.648 min Scan# 3299
Delta R.T. -0.000 min
Lab File: VV020593.D
Acq: 13 Mar 2021 03:38

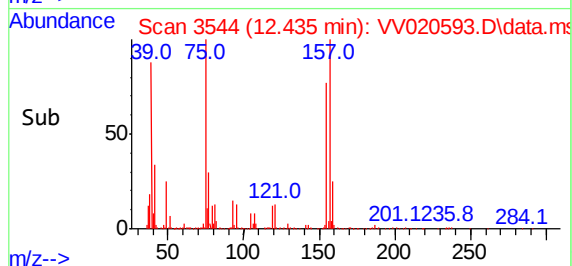
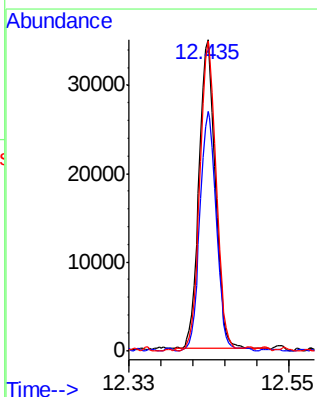
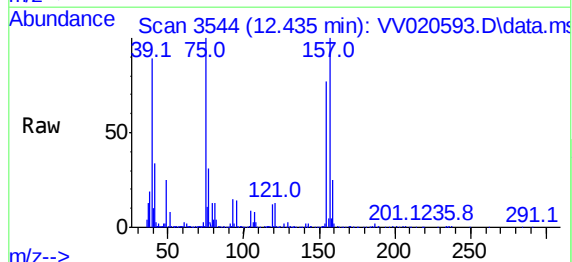
Instrument :
MSVOA_V
ClientSampleId :
VSTD05075

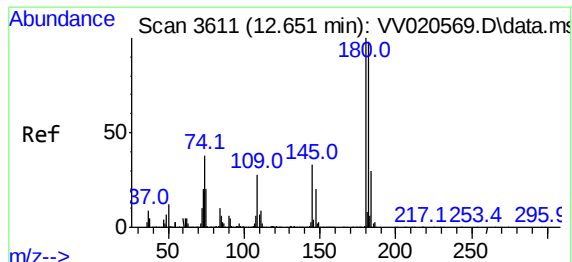
Tgt Ion:146 Resp: 320714
Ion Ratio Lower Upper
146 100
111 43.2 36.3 54.5
148 64.5 51.7 77.5



#66
1,2-Dibromo-3-chloropropane
Concen: 57.07 ug/L
RT: 12.435 min Scan# 3544
Delta R.T. -0.000 min
Lab File: VV020593.D
Acq: 13 Mar 2021 03:38

Tgt Ion: 75 Resp: 55220
Ion Ratio Lower Upper
75 100
155 77.1 59.1 88.7
157 99.7 75.4 113.0

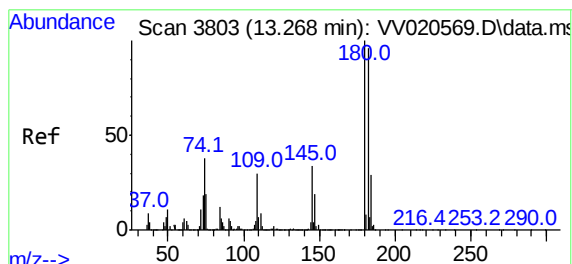
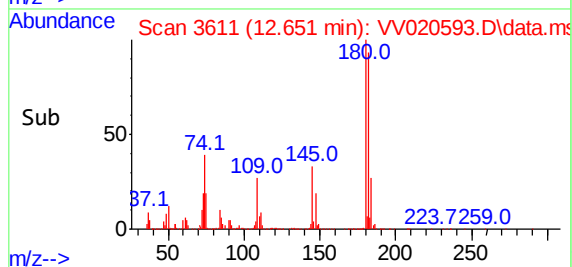
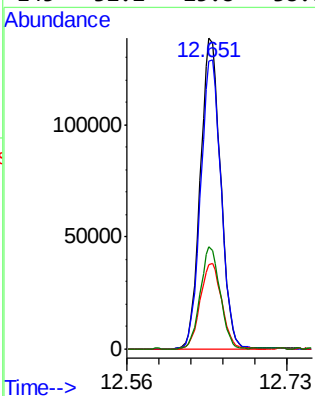
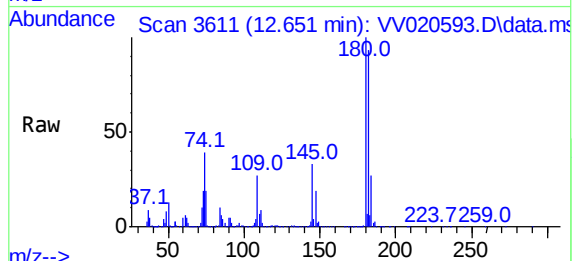




#67
1,3,5-Trichlorobenzene
Concen: 45.63 ug/L
RT: 12.651 min Scan# 3611
Delta R.T. -0.000 min
Lab File: VV020593.D
Acq: 13 Mar 2021 03:38

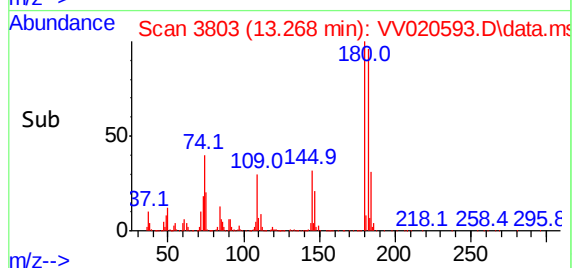
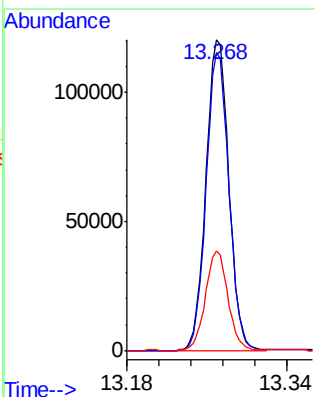
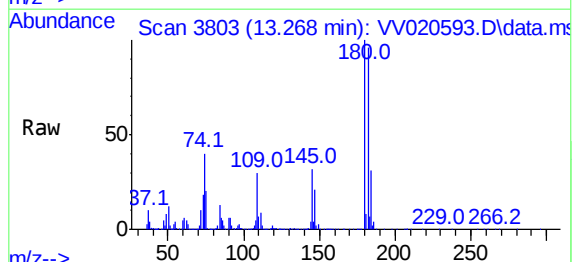
Instrument :
MSVOA_V
ClientSampleId :
VSTD05075

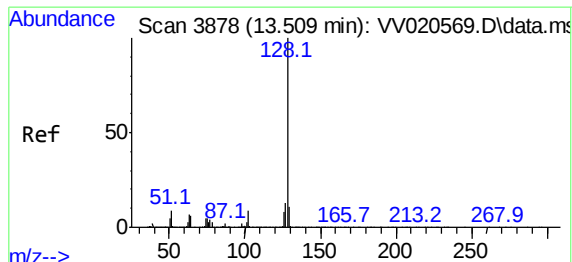
Tgt Ion:	180	Resp:	209171
Ion Ratio	Lower	Upper	
180	100		
182	94.1	75.0	112.6
184	29.2	24.0	36.0
145	32.2	25.8	38.6



#68
1,2,4-trichlorobenzene
Concen: 46.48 ug/L
RT: 13.268 min Scan# 3803
Delta R.T. -0.000 min
Lab File: VV020593.D
Acq: 13 Mar 2021 03:38

Tgt Ion:	180	Resp:	184986
Ion Ratio	Lower	Upper	
180	100		
182	95.7	75.1	112.7
145	31.6	26.8	40.2

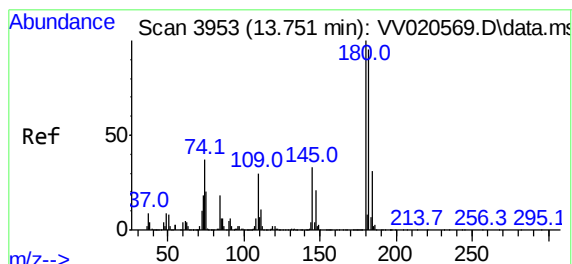
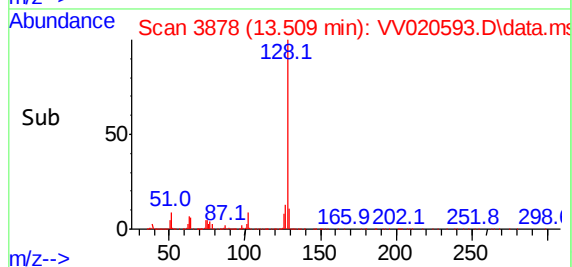
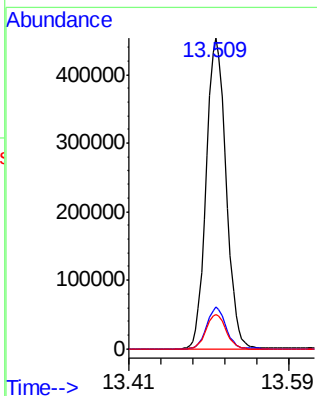
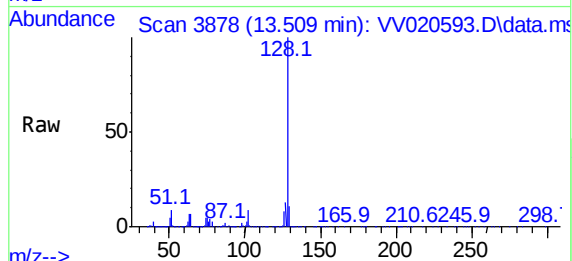




#69
Naphthalene
Concen: 53.23 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. -0.000 min
Lab File: VV020593.D
Acq: 13 Mar 2021 03:38

Instrument :
MSVOA_V
ClientSampleId :
VSTD05075

Tgt Ion:128 Resp: 688749
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.1 8.6 13.0



#70
1,2,3-Trichlorobenzene
Concen: 50.49 ug/L
RT: 13.754 min Scan# 3954
Delta R.T. 0.003 min
Lab File: VV020593.D
Acq: 13 Mar 2021 03:38

Tgt Ion:180 Resp: 199190
Ion Ratio Lower Upper
180 100
182 93.3 76.1 114.1
145 33.0 27.9 41.9

