

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW013021\
 Data File : VW020220.D
 Acq On : 29 Jan 2021 12:26
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005704

Quant Time: Jan 30 02:28:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012921WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jan 30 02:26:26 2021
 Response via : Initial Calibration

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

Internal Standards					
1) 1,4-Difluorobenzene	5.617	114	451658	5.00 ug/L	0.00
28) Chlorobenzene-d5	8.855	117	435839	5.00 ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.254	152	249504	5.00 ug/L	0.00

System Monitoring Compounds					
4) Vinyl Chloride-d3	1.303	65	137323	4.29 ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 85.80%
7) Chloroethane-d5	1.563	69	122243	4.43 ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 88.60%
11) 1,1-Dichloroethene-d2	2.103	63	238347	5.34 ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 106.80%
20) 2-Butanone-d5	3.926	46	296704	45.25 ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 90.50%
24) Chloroform-d	4.347	84	284154	4.59 ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 91.80%
26) 1,2-Dichloroethane-d4	5.036	65	136924	4.47 ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 89.40%
32) Benzene-d6	5.048	84	524160	4.52 ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 90.40%
36) 1,2-Dichloropropane-d6	6.071	67	159071	4.65 ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 93.00%
41) Toluene-d8	7.315	98	488117	4.55 ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 91.00%
43) trans-1,3-Dichloroprop...	7.624	79	57449	4.50 ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 90.00%
46) 2-Hexanone-d5	8.093	63	237461	44.88 ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 89.76%
56) 1,1,2,2-Tetrachloroeth...	10.222	84	111624	4.83 ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 96.60%
66) 1,2-Dichlorobenzene-d4	11.630	152	194054	4.47 ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 89.40%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.129	85	214633	4.83 ug/L	99
3) Chloromethane	1.238	50	207056	4.75 ug/L	99
5) Vinyl chloride	1.309	62	203990	4.88 ug/L	97
6) Bromomethane	1.518	94	115059	4.77 ug/L	100
8) Chloroethane	1.582	64	119895	4.88 ug/L	97
9) Trichlorofluoromethane	1.749	101	249444	4.98 ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.113	101	144473	5.60 ug/L	# 85
12) 1,1-Dichloroethene	2.113	96	138734	5.55 ug/L	83
13) Acetone	2.232	43	185567	50.16 ug/L	89
14) Carbon disulfide	2.286	76	472769	5.01 ug/L	99
15) Methyl Acetate	2.447	43	45100	4.14 ug/L	# 58
16) Methylene chloride	2.505	84	159246	4.76 ug/L	92
17) Methyl tert-butyl Ether	2.772	73	326181	4.72 ug/L	97
18) trans-1,2-Dichloroethene	2.756	96	159576	4.81 ug/L	94
19) 1,1-Dichloroethane	3.187	63	288780	4.85 ug/L	99
21) 2-Butanone	4.007	43	320645	45.29 ug/L	100
22) cis-1,2-Dichloroethene	3.913	96	164662	4.81 ug/L	92
23) Bromochloromethane	4.251	128	73447	4.93 ug/L	83
25) Chloroform	4.376	83	296415	4.82 ug/L	99
27) 1,2-Dichloroethane	5.132	62	175060	4.77 ug/L	100

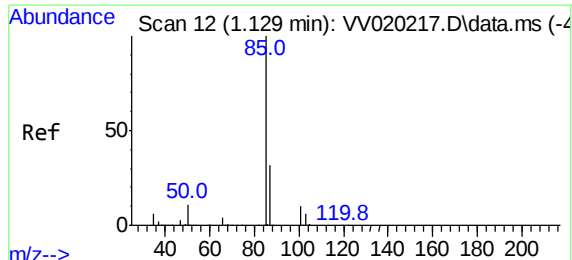
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW013021\
 Data File : VW020220.D
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jan 30 02:26:26 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) 1,1,1-Trichloroethane	4.608	97	270212	4.96	ug/L	97
30) Cyclohexane	4.675	56	252159	4.84	ug/L	95
31) Carbon tetrachloride	4.827	117	233027	4.88	ug/L	98
33) Benzene	5.100	78	637246	4.96	ug/L	100
34) Trichloroethene	5.913	95	172416	4.84	ug/L	90
35) Methylcyclohexane	6.129	83	257857	4.80	ug/L	94
37) 1,2-Dichloropropane	6.177	63	156772	5.03	ug/L	99
38) Bromodichloromethane	6.511	83	197295	4.83	ug/L	98
39) cis-1,3-Dichloropropene	7.029	75	213002	4.90	ug/L	97
40) 4-Methyl-2-pentanone	7.232	43	816904	47.17	ug/L	96
42) Toluene	7.389	91	684838	5.00	ug/L	100
44) trans-1,3-Dichloropropene	7.653	75	175523	4.82	ug/L	97
45) 1,1,2-Trichloroethane	7.842	97	106847	4.90	ug/L	98
47) Tetrachloroethene	7.978	164	147353	4.83	ug/L	93
48) 2-Hexanone	8.145	43	567737	47.17	ug/L	97
49) Dibromochloromethane	8.248	129	125700	4.83	ug/L	98
50) 1,2-Dibromoethane	8.357	107	101333	4.86	ug/L #	99
51) Chlorobenzene	8.884	112	436904	4.84	ug/L	96
52) Ethylbenzene	9.016	91	756524	4.93	ug/L	97
53) m,p-xylene	9.141	106	288781	5.05	ug/L	97
54) o-xylene	9.547	106	278495	5.03	ug/L	95
55) Styrene	9.566	104	472897	5.04	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.248	83	115877	4.98	ug/L	99
59) Bromoform	9.736	173	70740	4.87	ug/L #	97
60) Isopropylbenzene	9.936	105	759463	5.09	ug/L	98
61) 1,2,3-Trichloropropane	10.280	75	87019	4.98	ug/L	96
62) 1,3,5-Trimethylbenzene	10.543	105	624291	5.06	ug/L	98
63) 1,2,4-Trimethylbenzene	10.920	105	636961	5.04	ug/L	97
64) 1,3-Dichlorobenzene	11.186	146	376553	4.85	ug/L	96
65) 1,4-Dichlorobenzene	11.280	146	373650	4.76	ug/L	97
67) 1,2-Dichlorobenzene	11.649	146	336562	4.79	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.437	75	16829	4.08	ug/L #	76
69) 1,3,5-Trichlorobenzene	12.653	180	324160	4.85	ug/L	97
70) 1,2,4-trichlorobenzene	13.270	180	260500	4.80	ug/L	97
71) Naphthalene	13.511	128	348594	4.72	ug/L	99
72) 1,2,3-Trichlorobenzene	13.752	180	228868	4.76	ug/L	96

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



#2

Dichlorodifluoromethane

Concen: 4.83 ug/L

RT: 1.129 min Scan# 12

Delta R.T. -0.000 min

Lab File: VV020220.D

Acq: 29 Jan 2021 12:26

Tgt Ion: 85 Resp: 214633

Ion Ratio Lower Upper

85 100

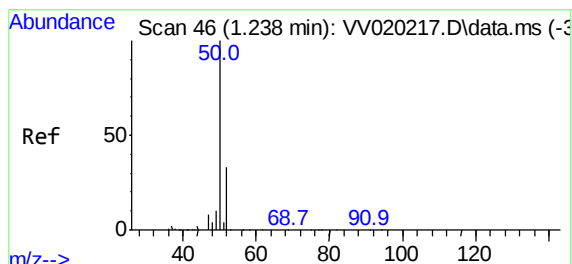
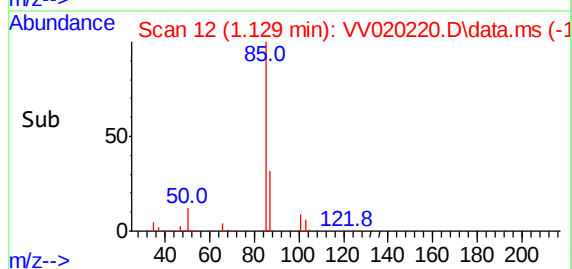
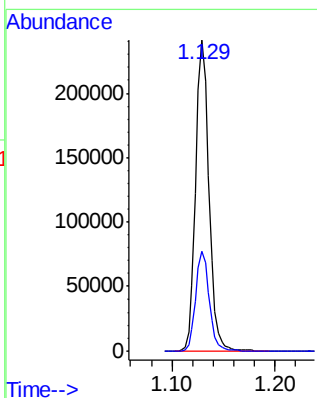
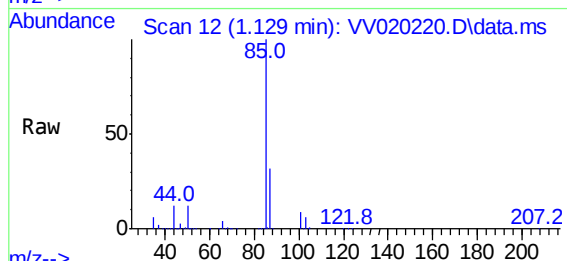
87 32.5 25.6 38.4

Instrument :

MSVOA_V

ClientSampleId :

VSTD005704



#3

Chloromethane

Concen: 4.75 ug/L

RT: 1.238 min Scan# 46

Delta R.T. -0.000 min

Lab File: VV020220.D

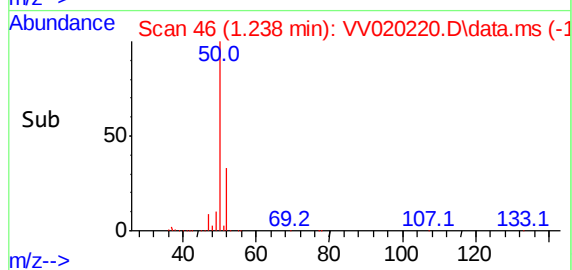
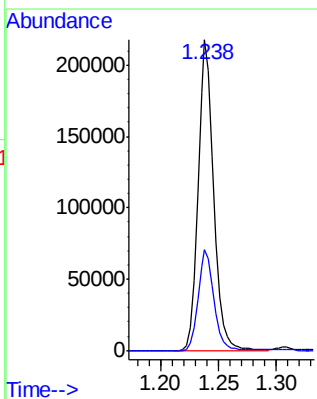
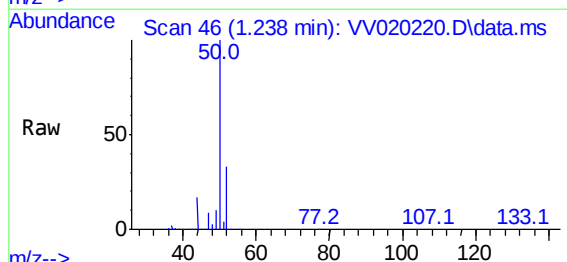
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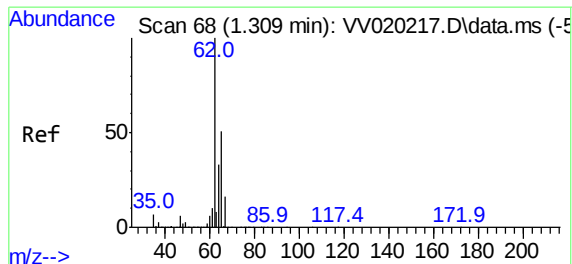
Tgt Ion: 50 Resp: 207056

Ion Ratio Lower Upper

50 100

52 32.6 23.1 42.9



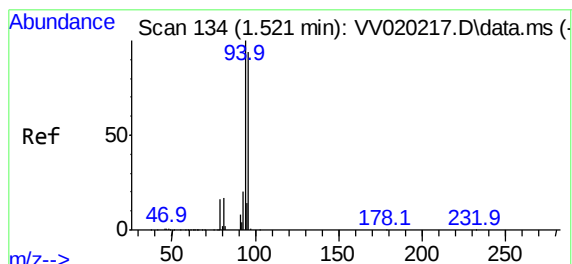
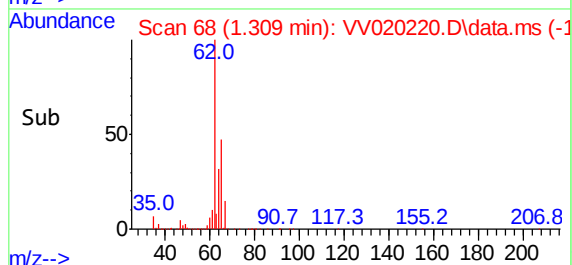
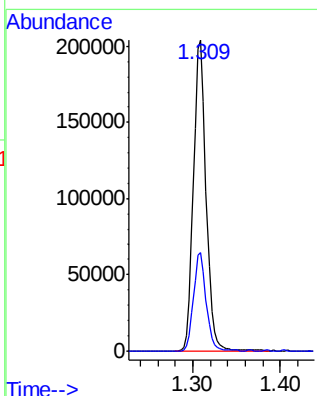
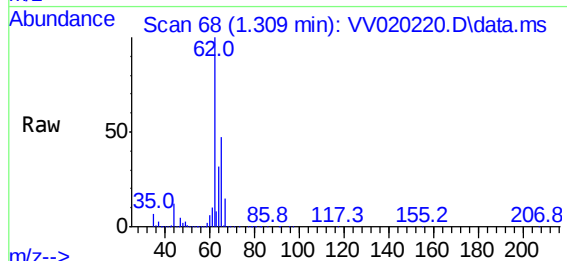


#5
 Vinyl chloride
 Concen: 4.88 ug/L
 RT: 1.309 min Scan# 68
 Delta R.T. -0.000 min
 Lab File: VV020220.D
 Acq: 29 Jan 2021 12:26

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005704

Tgt Ion: 62 Resp: 203990

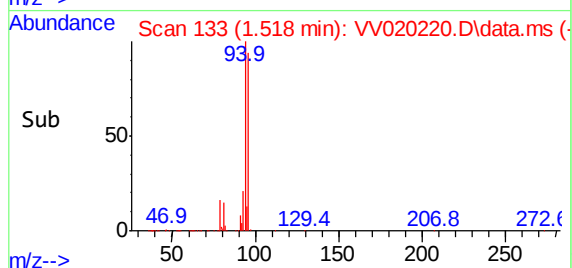
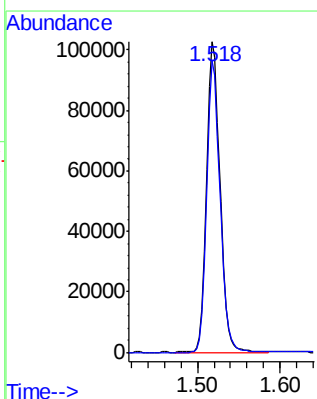
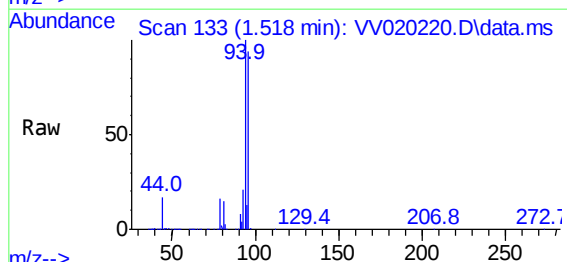
Ion	Ratio	Lower	Upper
62	100		
64	31.7	23.2	43.2

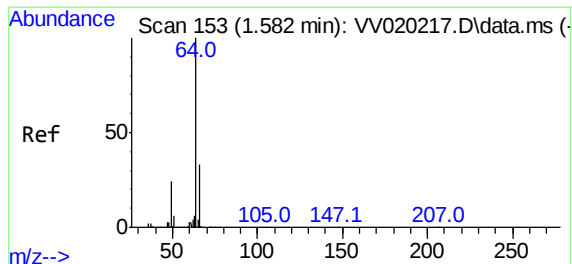


#6
 Bromomethane
 Concen: 4.77 ug/L
 RT: 1.518 min Scan# 133
 Delta R.T. -0.003 min
 Lab File: VV020220.D
 Acq: 29 Jan 2021 12:26

Tgt Ion: 94 Resp: 115059

Ion	Ratio	Lower	Upper
94	100		
96	93.7	65.6	121.8

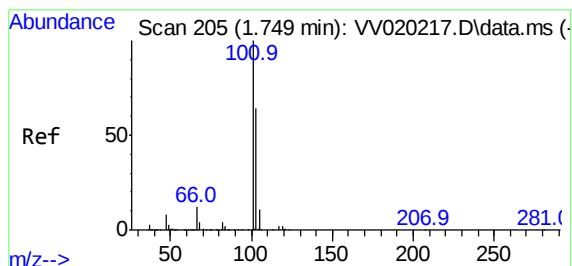
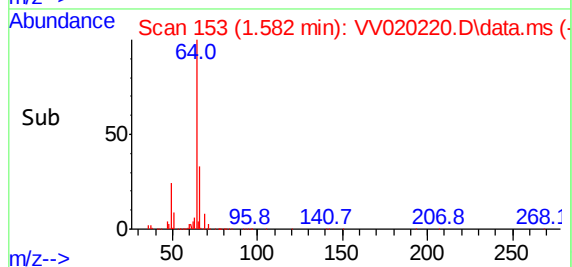
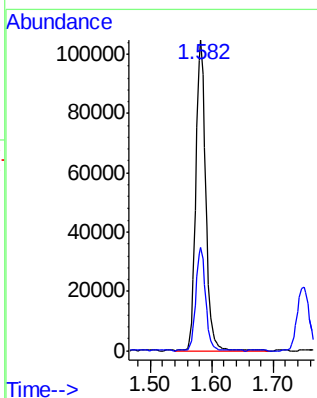
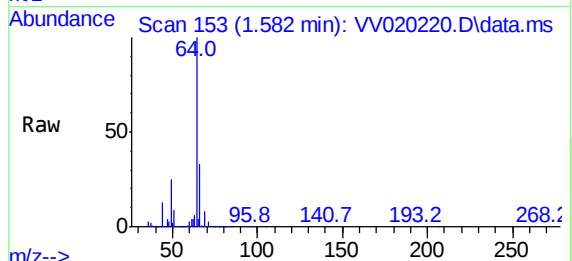




#8
Chloroethane
Concen: 4.88 ug/L
RT: 1.582 min Scan# 153
Delta R.T. -0.000 min
Lab File: VV020220.D
Acq: 29 Jan 2021 12:26

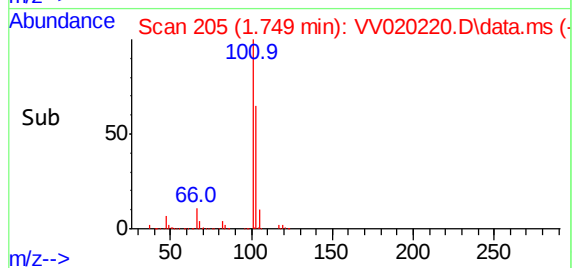
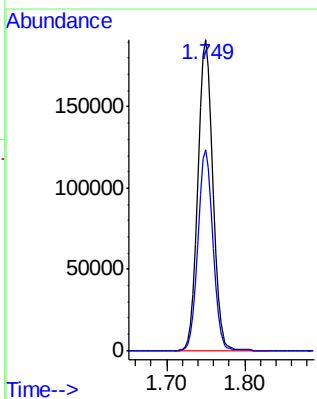
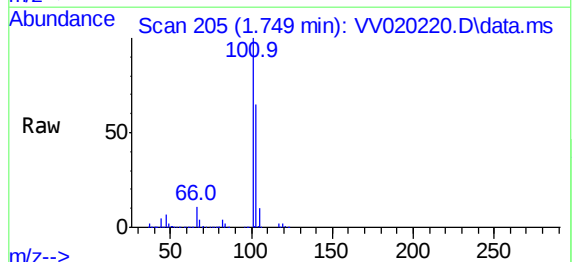
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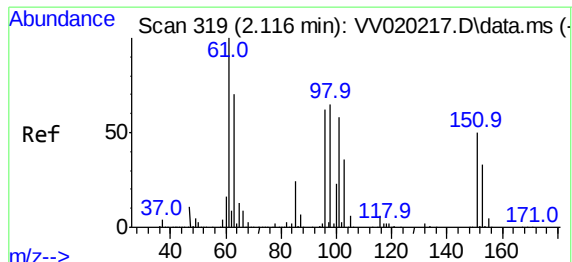
Tgt Ion: 64 Resp: 119895
Ion Ratio Lower Upper
64 100
66 33.2 22.0 40.8



#9
Trichlorofluoromethane
Concen: 4.98 ug/L
RT: 1.749 min Scan# 205
Delta R.T. -0.000 min
Lab File: VV020220.D
Acq: 29 Jan 2021 12:26

Tgt Ion: 101 Resp: 249444
Ion Ratio Lower Upper
101 100
103 64.6 51.8 77.8

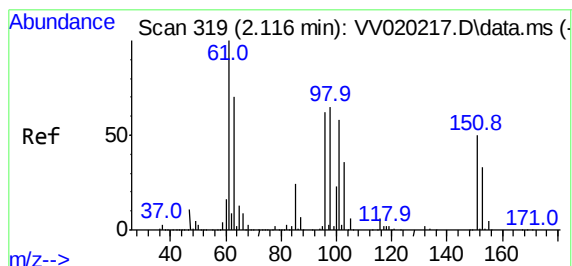
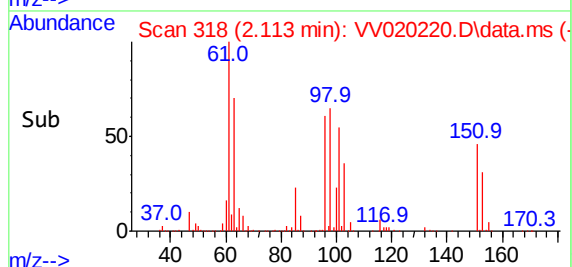
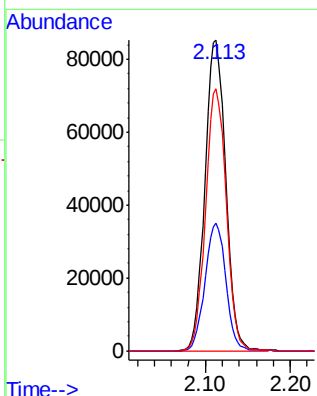
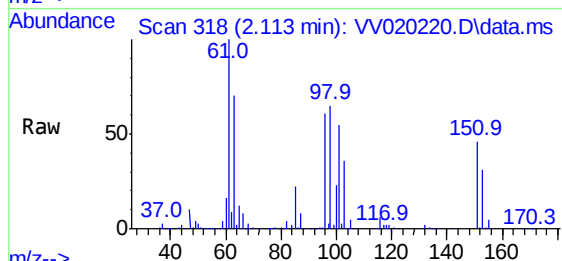




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.60 ug/L
 RT: 2.113 min Scan# 318
 Delta R.T. -0.003 min
 Lab File: VV020220.D
 Acq: 29 Jan 2021 12:26

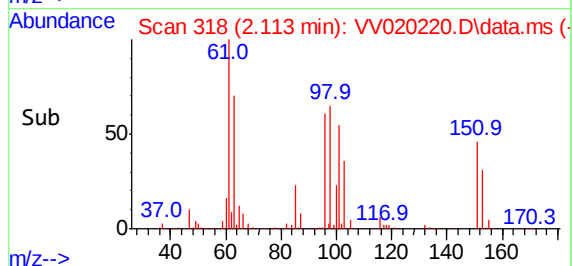
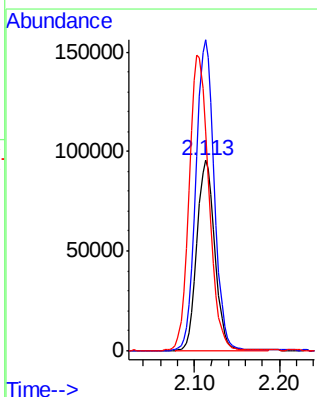
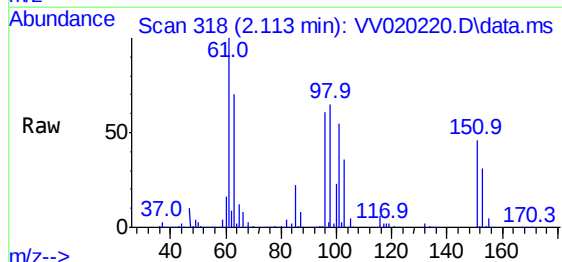
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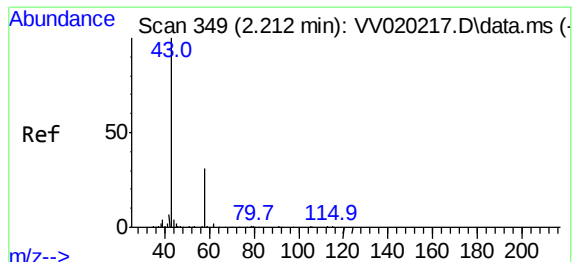
Tgt Ion:101 Resp: 144473
 Ion Ratio Lower Upper
 101 100
 85 41.1 36.4 54.6
 151 84.2 54.1 81.1#



#12
 1,1-Dichloroethene
 Concen: 5.55 ug/L
 RT: 2.113 min Scan# 318
 Delta R.T. -0.003 min
 Lab File: VV020220.D
 Acq: 29 Jan 2021 12:26

Tgt Ion: 96 Resp: 138734
 Ion Ratio Lower Upper
 96 100
 61 163.4 131.5 244.1
 63 114.7 95.2 176.8

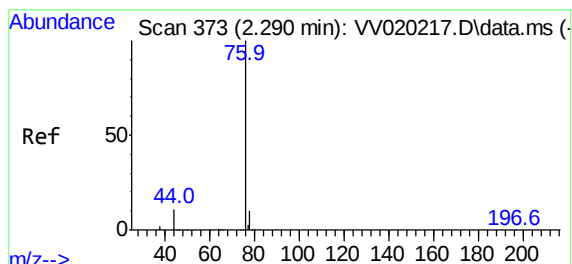
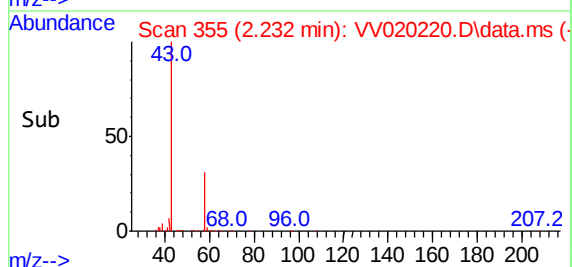
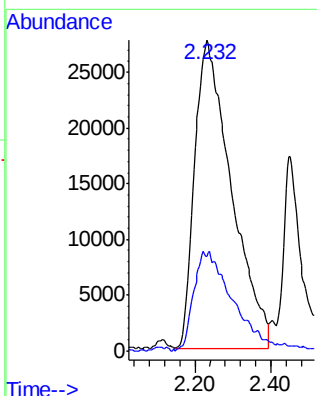
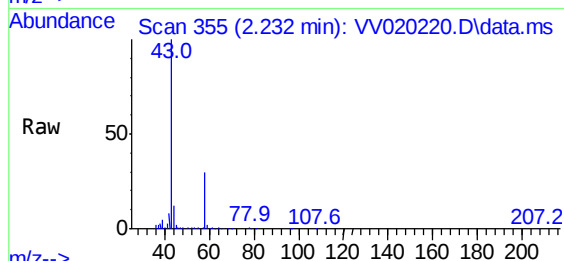




#13
Acetone
Concen: 50.16 ug/L
RT: 2.232 min Scan# 355
Delta R.T. 0.019 min
Lab File: VV020220.D
Acq: 29 Jan 2021 12:26

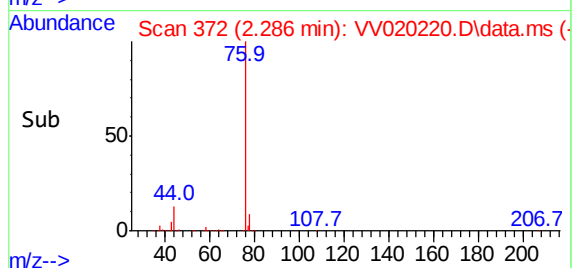
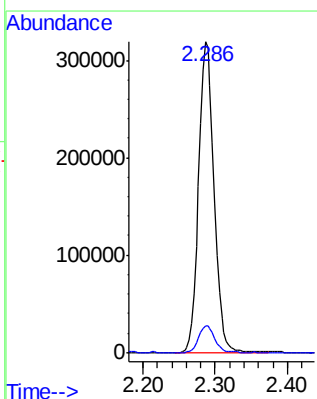
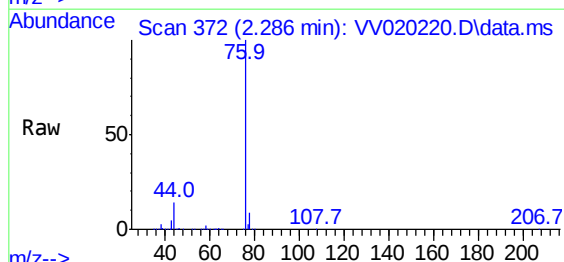
Instrument :
MSVOA_V
ClientSampleId :
VSTD005704

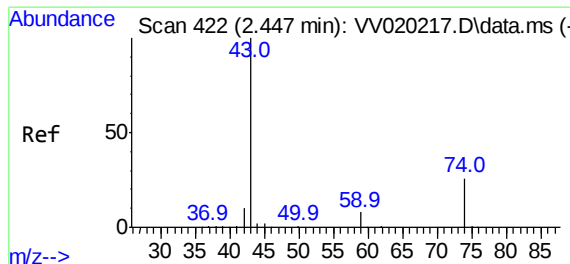
Tgt Ion: 43 Resp: 185567
Ion Ratio Lower Upper
43 100
58 11.0 0.0 31.4



#14
Carbon disulfide
Concen: 5.01 ug/L
RT: 2.286 min Scan# 372
Delta R.T. -0.003 min
Lab File: VV020220.D
Acq: 29 Jan 2021 12:26

Tgt Ion: 76 Resp: 472769
Ion Ratio Lower Upper
76 100
78 8.7 7.2 10.8

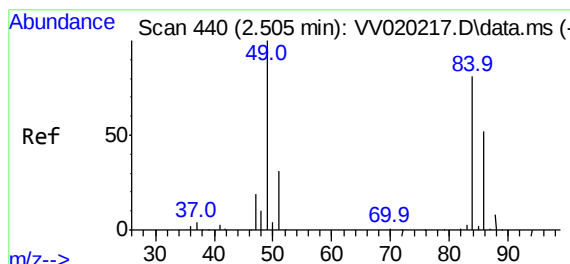
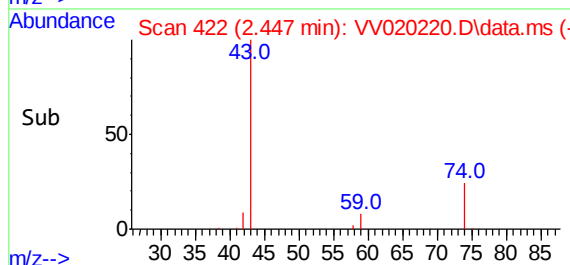
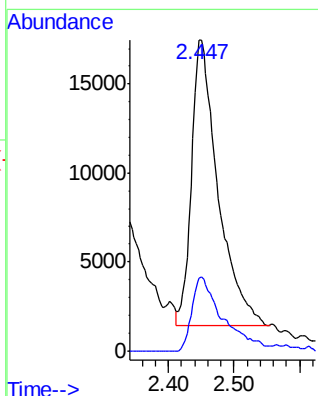
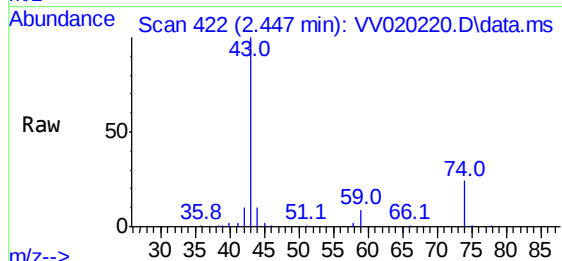




#15
Methyl Acetate
Concen: 4.14 ug/L
RT: 2.447 min Scan# 422
Delta R.T. -0.000 min
Lab File: VV020220.D
Acq: 29 Jan 2021 12:26

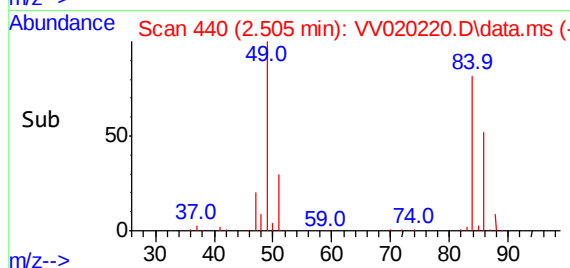
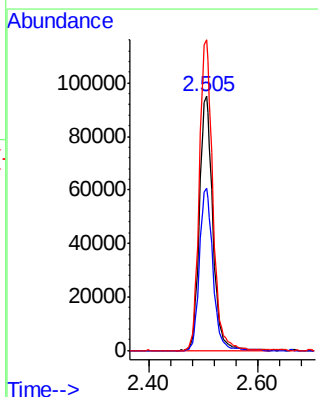
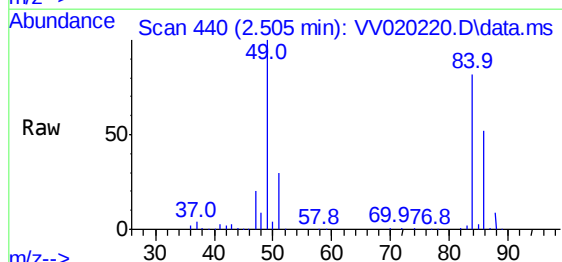
Instrument :
MSVOA_V
ClientSampleId :
VSTD005704

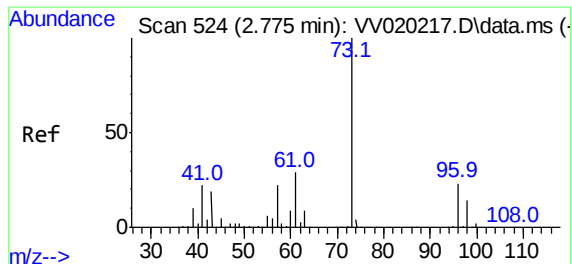
Tgt Ion: 43 Resp: 45100
Ion Ratio Lower Upper
43 100
74 30.0 10.6 16.0#



#16
Methylene chloride
Concen: 4.76 ug/L
RT: 2.505 min Scan# 440
Delta R.T. -0.000 min
Lab File: VV020220.D
Acq: 29 Jan 2021 12:26

Tgt Ion: 84 Resp: 159246
Ion Ratio Lower Upper
84 100
86 63.8 42.8 79.4
49 122.2 93.9 174.3

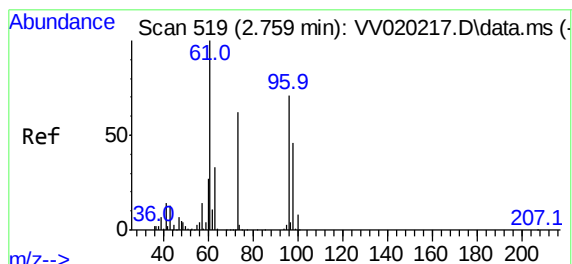
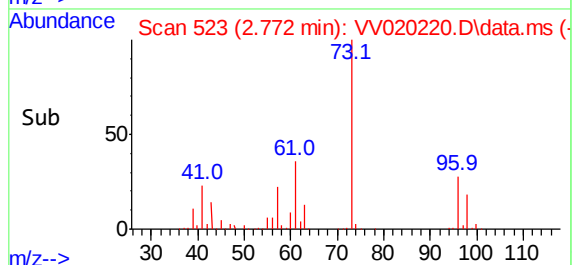
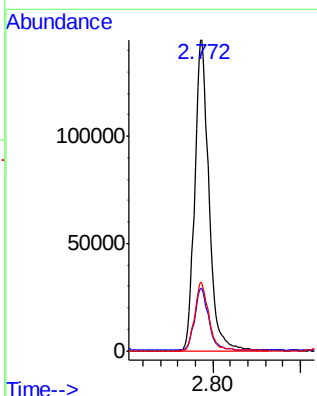
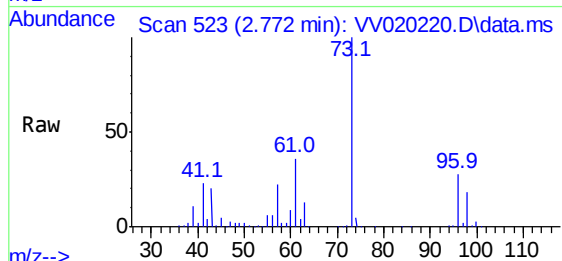




#17
Methyl tert-butyl Ether
Concen: 4.72 ug/L
RT: 2.772 min Scan# 523
Delta R.T. -0.003 min
Lab File: VV020220.D
Acq: 29 Jan 2021 12:26

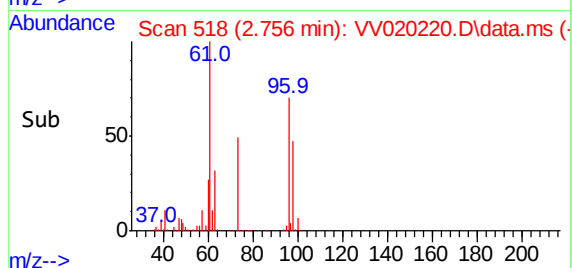
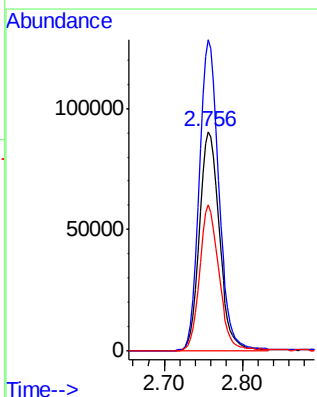
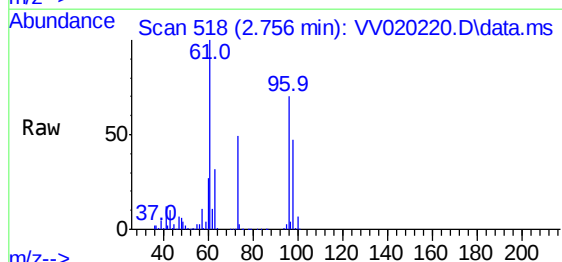
Instrument :
MSVOA_V
ClientSampleId :
VSTD005704

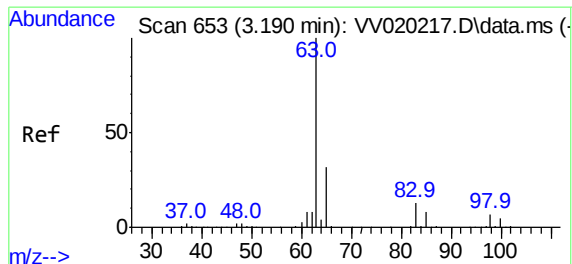
Tgt Ion: 73 Resp: 326181
Ion Ratio Lower Upper
73 100
43 19.6 17.0 25.6
57 21.9 18.2 27.4



#18
trans-1,2-Dichloroethene
Concen: 4.81 ug/L
RT: 2.756 min Scan# 518
Delta R.T. -0.003 min
Lab File: VV020220.D
Acq: 29 Jan 2021 12:26

Tgt Ion: 96 Resp: 159576
Ion Ratio Lower Upper
96 100
61 142.0 106.3 197.3
98 66.4 44.7 82.9

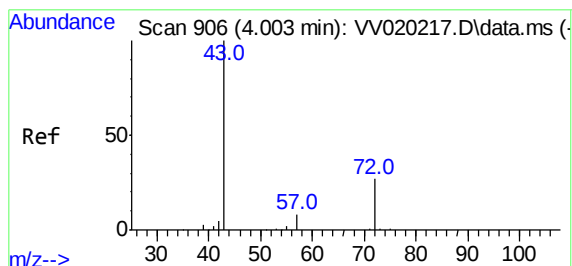
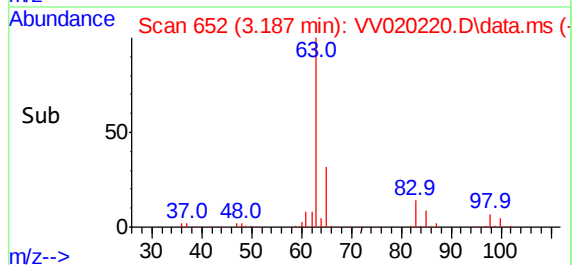
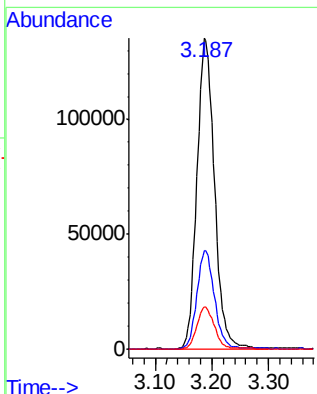
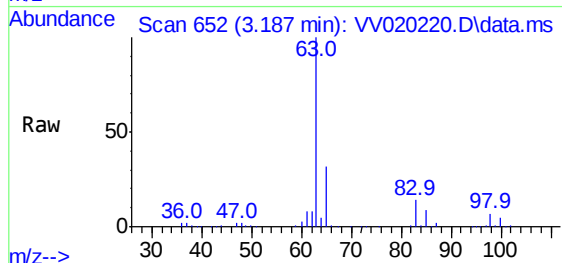




#19
1,1-Dichloroethane
Concen: 4.85 ug/L
RT: 3.187 min Scan# 652
Delta R.T. -0.003 min
Lab File: VV020220.D
Acq: 29 Jan 2021 12:26

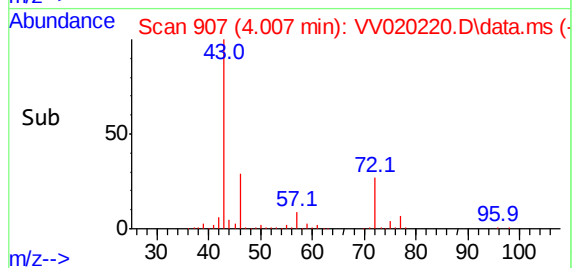
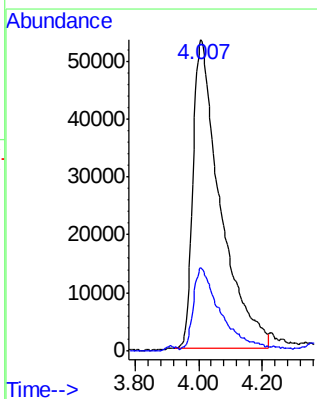
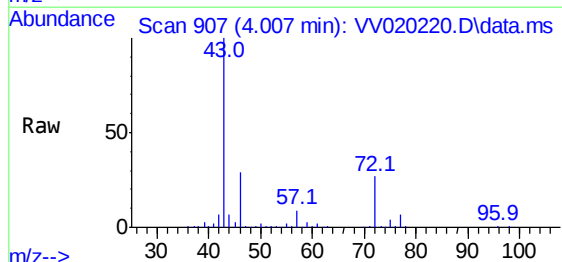
Instrument :
MSVOA_V
ClientSampleId :
VSTD005704

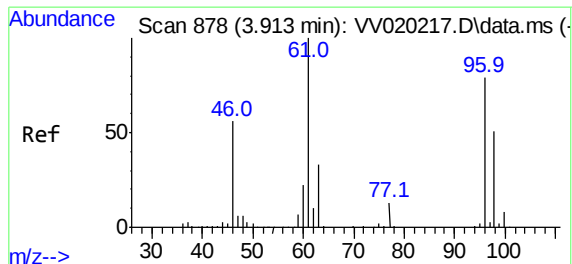
Tgt Ion: 63 Resp: 288780
Ion Ratio Lower Upper
63 100
65 31.5 21.8 40.6
83 13.7 9.0 16.8



#21
2-Butanone
Concen: 45.29 ug/L
RT: 4.007 min Scan# 907
Delta R.T. 0.003 min
Lab File: VV020220.D
Acq: 29 Jan 2021 12:26

Tgt Ion: 43 Resp: 320645
Ion Ratio Lower Upper
43 100
72 22.0 10.9 32.7

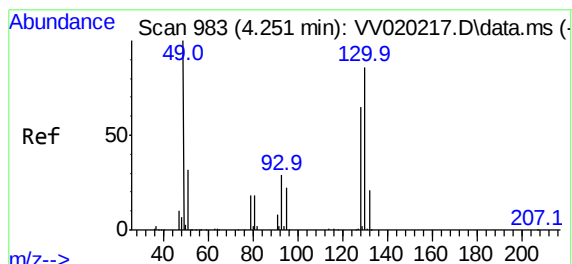
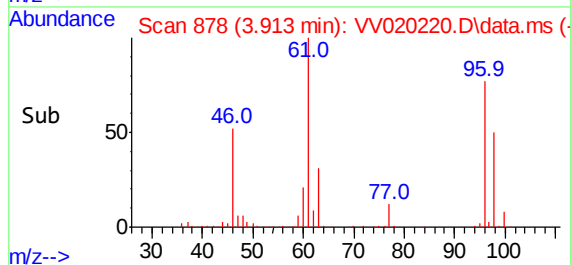
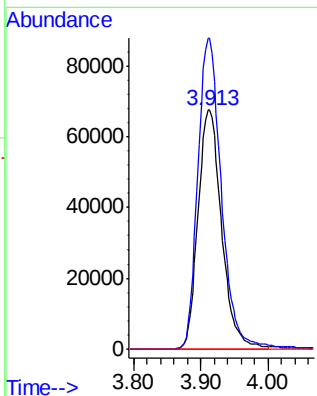
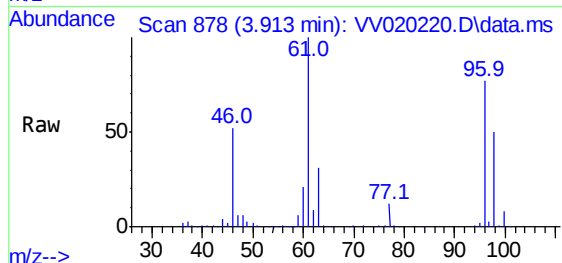




#22
cis-1,2-Dichloroethene
Concen: 4.81 ug/L
RT: 3.913 min Scan# 878
Delta R.T. -0.000 min
Lab File: VV020220.D
Acq: 29 Jan 2021 12:26

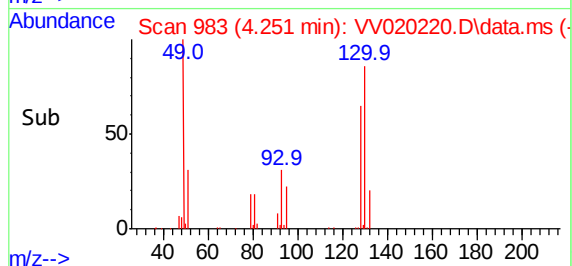
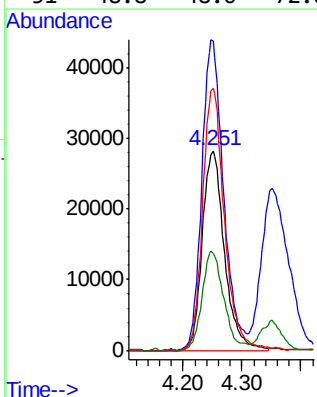
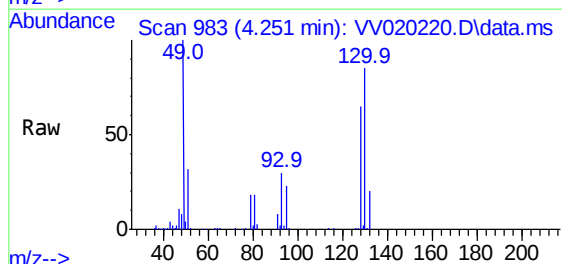
Instrument :
MSVOA_V
ClientSampleId :
VSTD005704

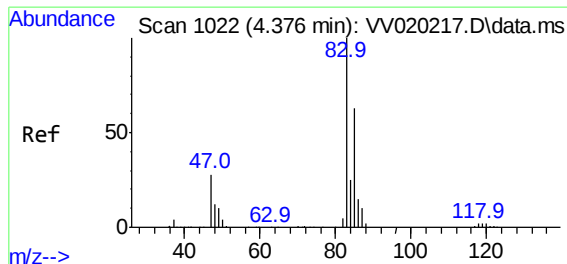
Tgt Ion: 96 Resp: 164662
Ion Ratio Lower Upper
96 100
61 130.0 98.1 182.3
68 0.0 0.0 0.0



#23
Bromochloromethane
Concen: 4.93 ug/L
RT: 4.251 min Scan# 983
Delta R.T. -0.000 min
Lab File: VV020220.D
Acq: 29 Jan 2021 12:26

Tgt Ion:128 Resp: 73447
Ion Ratio Lower Upper
128 100
49 154.9 132.6 246.2
130 131.3 86.4 160.4
51 48.8 48.0 72.0

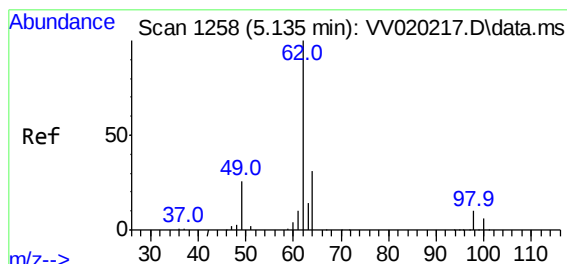
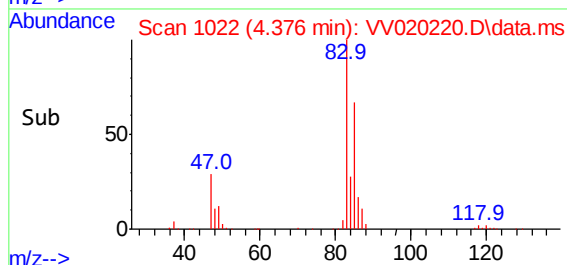
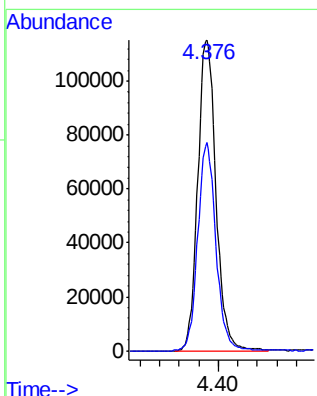
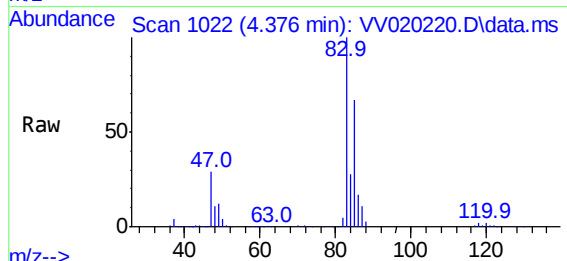




#25
Chloroform
Concen: 4.82 ug/L
RT: 4.376 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VV020220.D
Acq: 29 Jan 2021 12:26

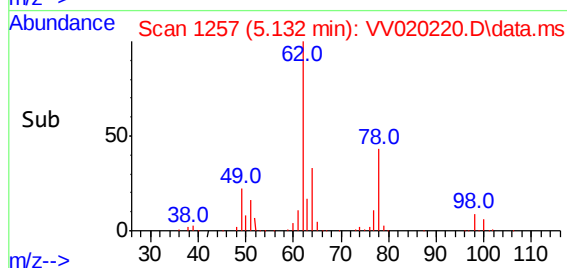
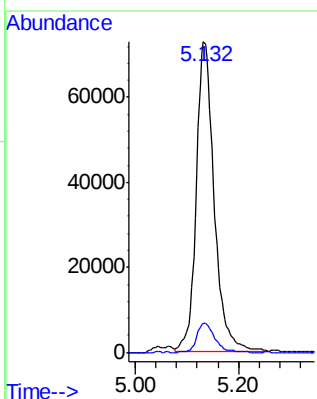
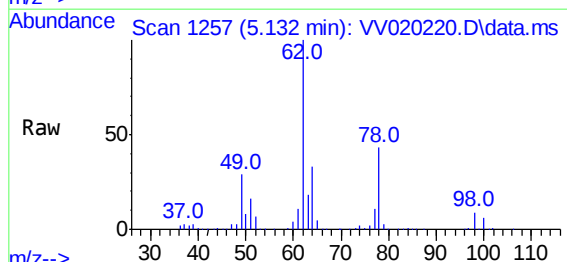
Instrument :
MSVOA_V
ClientSampleId :
VSTD005704

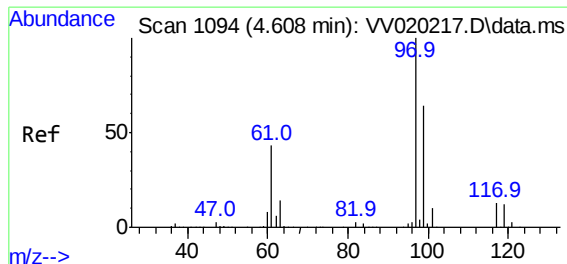
Tgt Ion: 83 Resp: 296415
Ion Ratio Lower Upper
83 100
85 67.0 46.4 86.2



#27
1,2-Dichloroethane
Concen: 4.77 ug/L
RT: 5.132 min Scan# 1257
Delta R.T. -0.003 min
Lab File: VV020220.D
Acq: 29 Jan 2021 12:26

Tgt Ion: 62 Resp: 175060
Ion Ratio Lower Upper
62 100
98 9.4 7.6 11.4

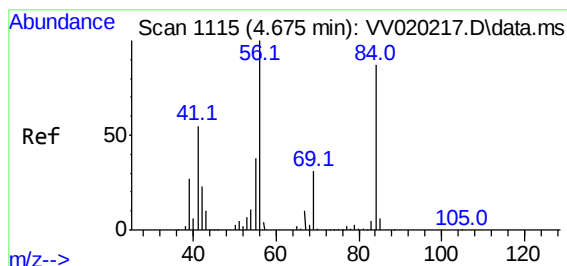
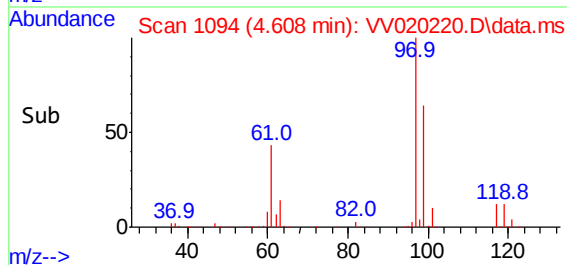
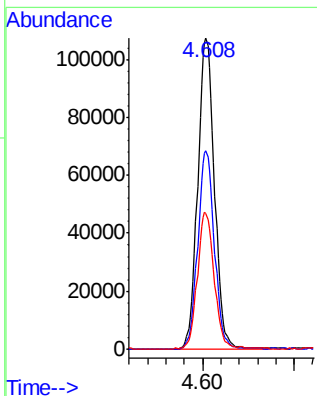
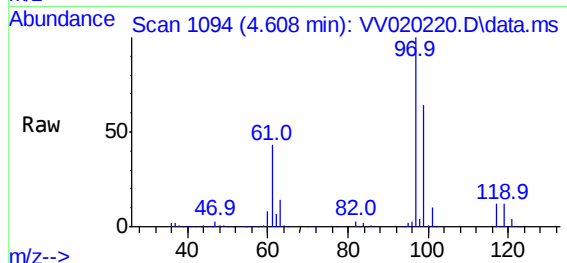




#29
1,1,1-Trichloroethane
Concen: 4.96 ug/L
RT: 4.608 min Scan# 1094
Delta R.T. -0.000 min
Lab File: VV020220.D
Acq: 29 Jan 2021 12:26

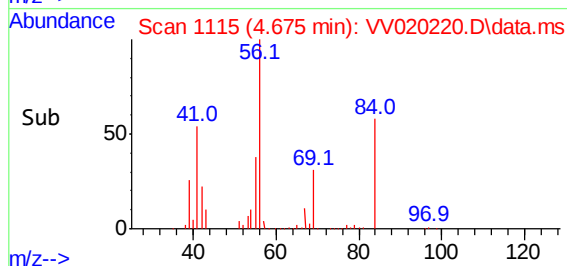
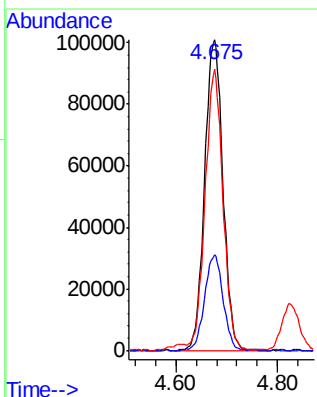
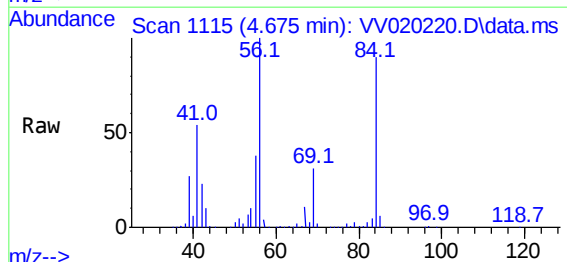
Instrument :
MSVOA_V
ClientSampleId :
VSTD005704

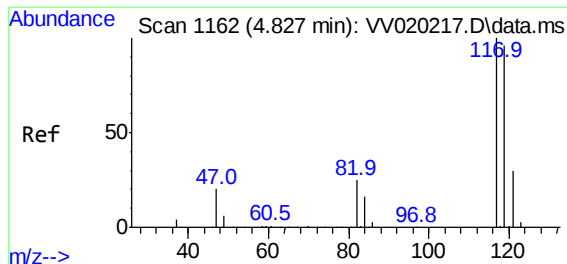
Tgt Ion: 97 Resp: 270212
Ion Ratio Lower Upper
97 100
99 63.1 51.1 76.7
61 43.9 38.6 57.8



#30
Cyclohexane
Concen: 4.84 ug/L
RT: 4.675 min Scan# 1115
Delta R.T. -0.000 min
Lab File: VV020220.D
Acq: 29 Jan 2021 12:26

Tgt Ion: 56 Resp: 252159
Ion Ratio Lower Upper
56 100
69 31.0 24.1 36.1
84 88.6 66.8 100.2

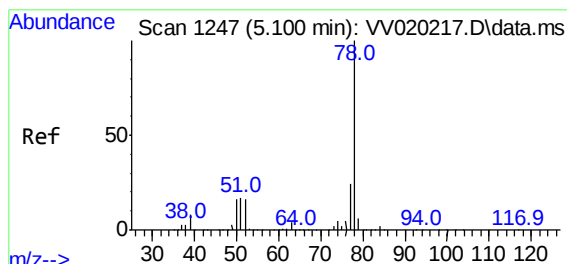
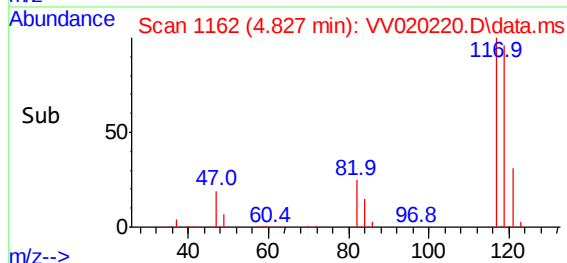
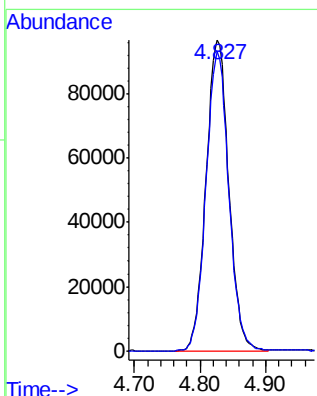
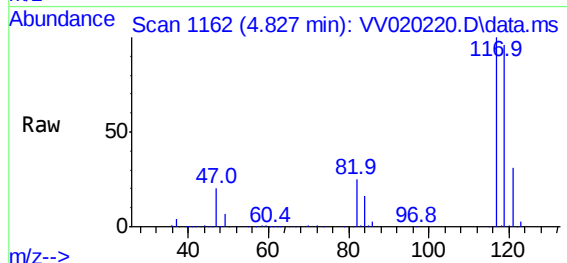




#31
Carbon tetrachloride
Concen: 4.88 ug/L
RT: 4.827 min Scan# 1162
Delta R.T. -0.000 min
Lab File: VV020220.D
Acq: 29 Jan 2021 12:26

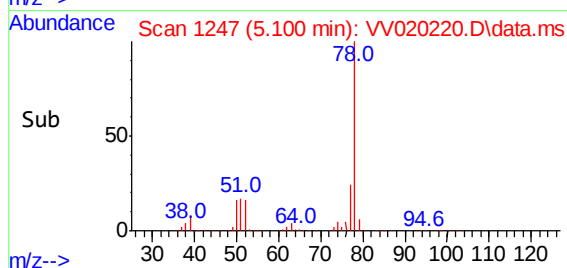
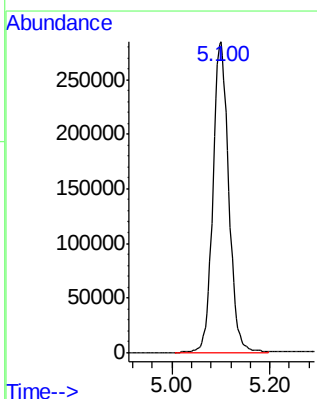
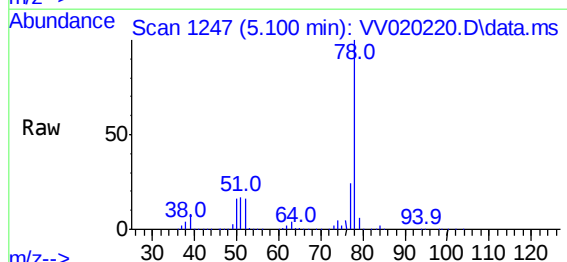
Instrument :
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ClientSampleId :
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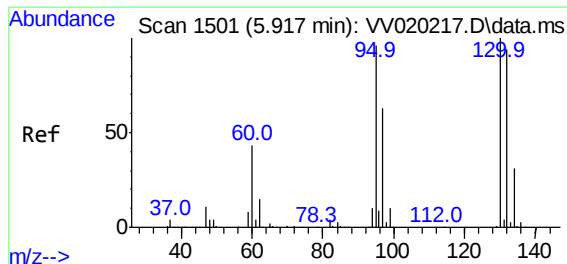
Tgt Ion:117 Resp: 233027
Ion Ratio Lower Upper
117 100
119 96.5 76.0 114.0



#33
Benzene
Concen: 4.96 ug/L
RT: 5.100 min Scan# 1247
Delta R.T. -0.000 min
Lab File: VV020220.D
Acq: 29 Jan 2021 12:26

Tgt Ion: 78 Resp: 637246

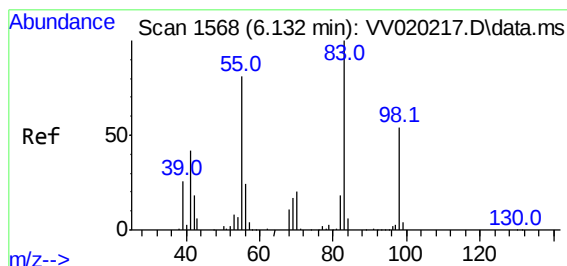
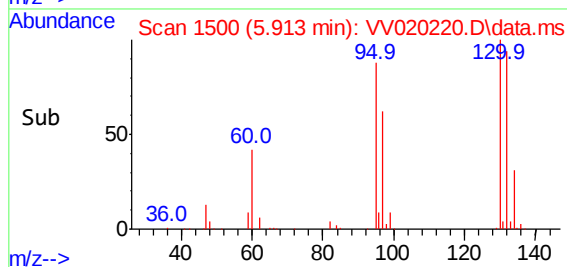
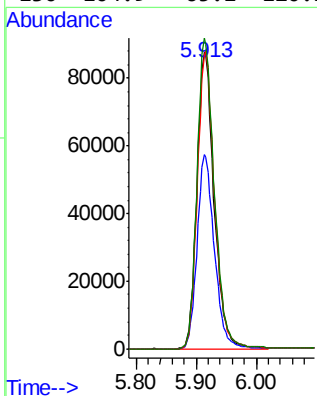
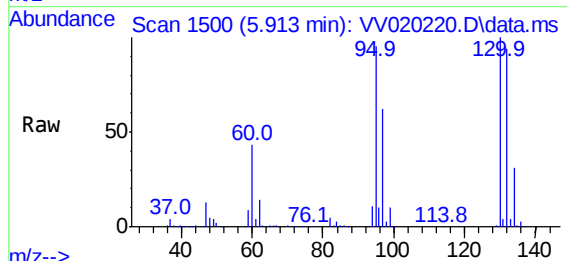




#34
Trichloroethene
Concen: 4.84 ug/L
RT: 5.913 min Scan# 1500
Delta R.T. -0.003 min
Lab File: VV020220.D
Acq: 29 Jan 2021 12:26

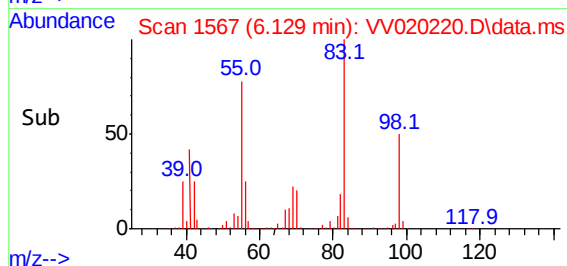
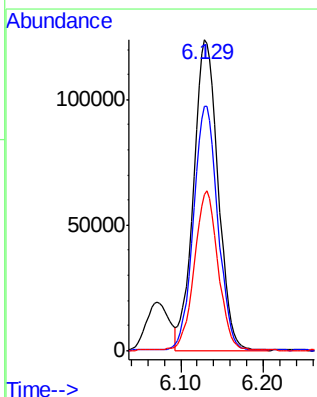
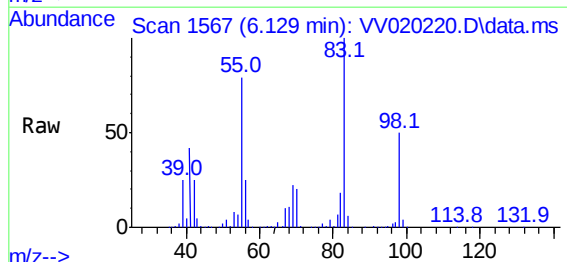
Instrument :
MSVOA_V
ClientSampleId :
VSTD005704

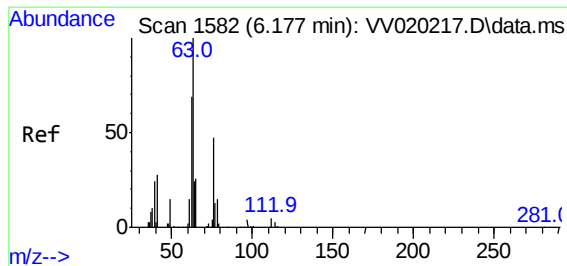
Tgt Ion: 95 Resp: 172416
Ion Ratio Lower Upper
95 100
97 65.5 44.1 81.9
132 99.0 61.2 113.8
130 104.9 65.1 120.9



#35
Methylcyclohexane
Concen: 4.80 ug/L
RT: 6.129 min Scan# 1567
Delta R.T. -0.003 min
Lab File: VV020220.D
Acq: 29 Jan 2021 12:26

Tgt Ion: 83 Resp: 257857
Ion Ratio Lower Upper
83 100
55 77.9 67.5 101.3
98 50.3 38.6 58.0

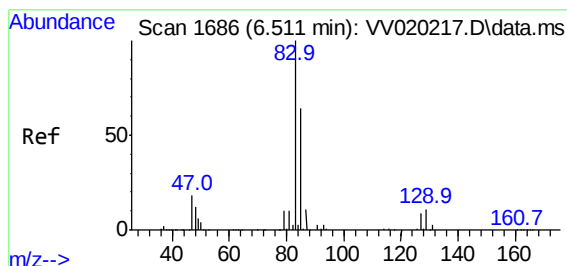
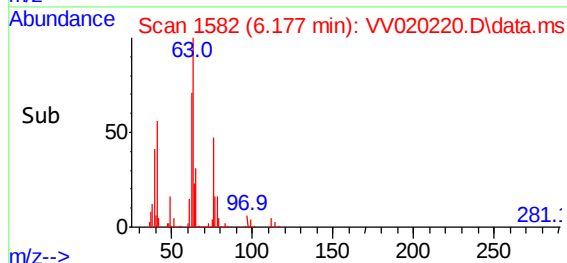
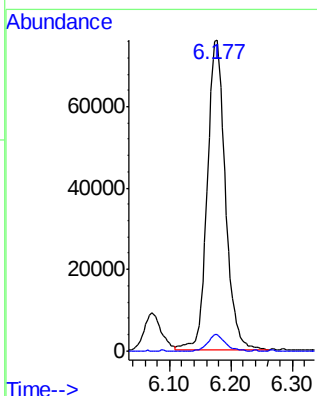
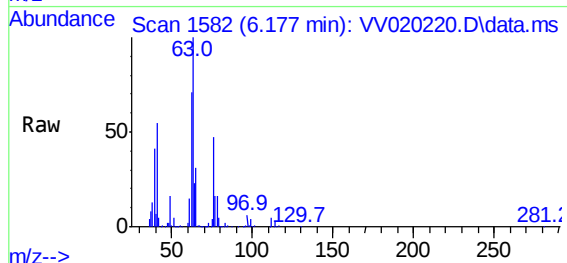




#37
1,2-Dichloropropane
Concen: 5.03 ug/L
RT: 6.177 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VV020220.D
Acq: 29 Jan 2021 12:26

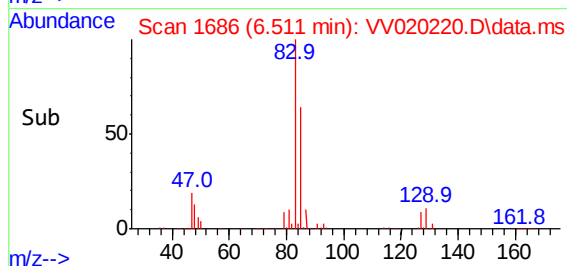
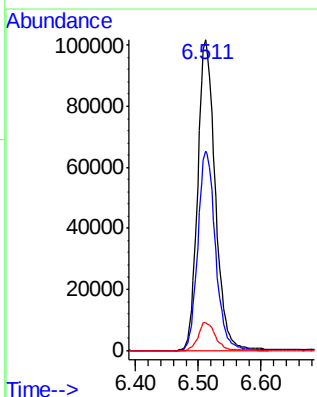
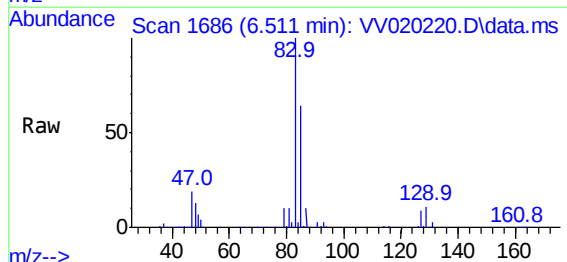
Instrument :
MSVOA_V
ClientSampleId :
VSTD005704

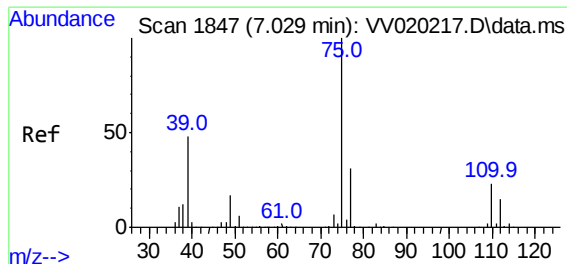
Tgt Ion: 63 Resp: 156772
Ion Ratio Lower Upper
63 100
112 5.0 3.6 5.4



#38
Bromodichloromethane
Concen: 4.83 ug/L
RT: 6.511 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VV020220.D
Acq: 29 Jan 2021 12:26

Tgt Ion: 83 Resp: 197295
Ion Ratio Lower Upper
83 100
85 64.0 45.9 85.3
127 9.1 6.2 9.2

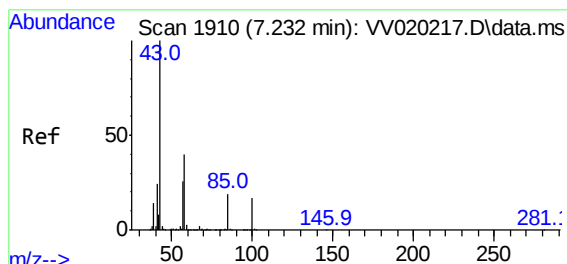
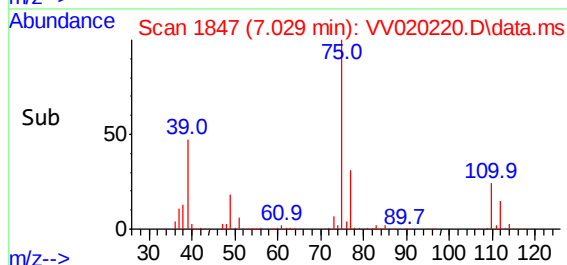
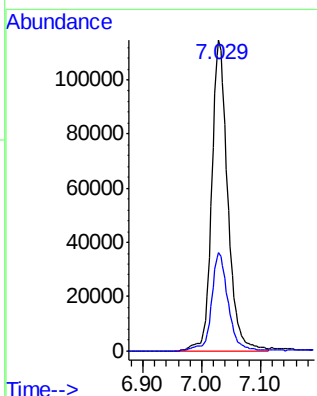
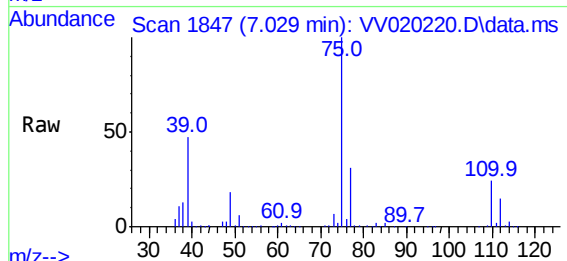




#39
cis-1,3-Dichloropropene
Concen: 4.90 ug/L
RT: 7.029 min Scan# 1847
Delta R.T. -0.000 min
Lab File: VV020220.D
Acq: 29 Jan 2021 12:26

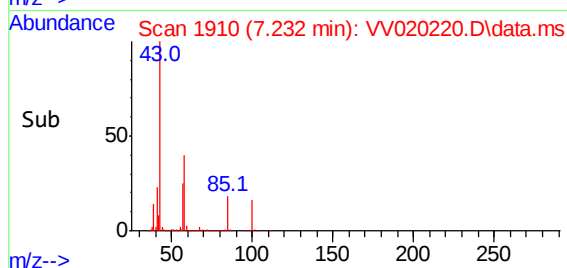
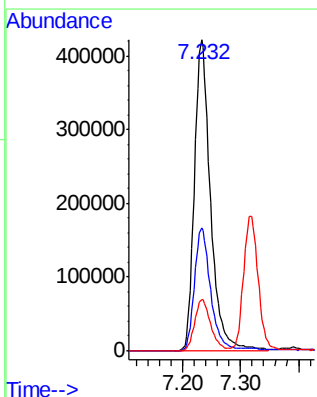
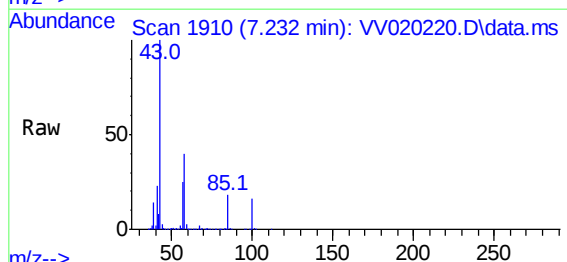
Instrument :
MSVOA_V
ClientSampleId :
VSTD005704

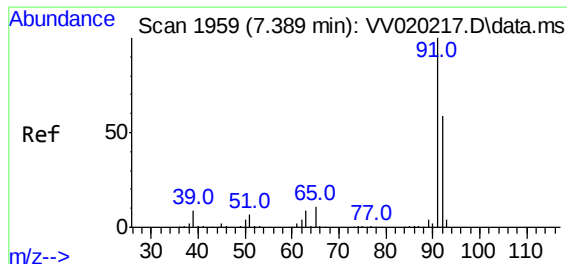
Tgt Ion: 75 Resp: 213002
Ion Ratio Lower Upper
75 100
77 31.4 21.0 39.0



#40
4-Methyl-2-pentanone
Concen: 47.17 ug/L
RT: 7.232 min Scan# 1910
Delta R.T. -0.000 min
Lab File: VV020220.D
Acq: 29 Jan 2021 12:26

Tgt Ion: 43 Resp: 816904
Ion Ratio Lower Upper
43 100
58 39.5 30.0 45.0
100 16.2 11.4 17.0

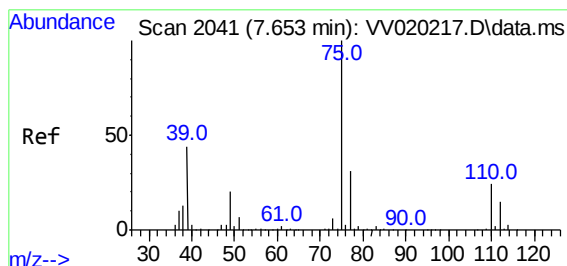
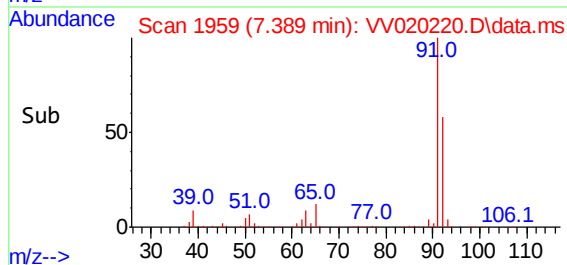
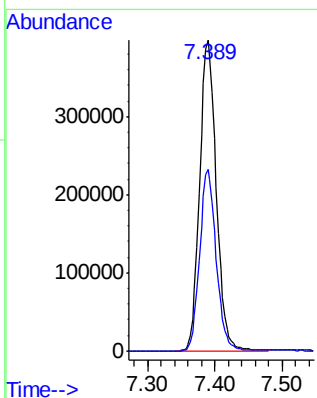
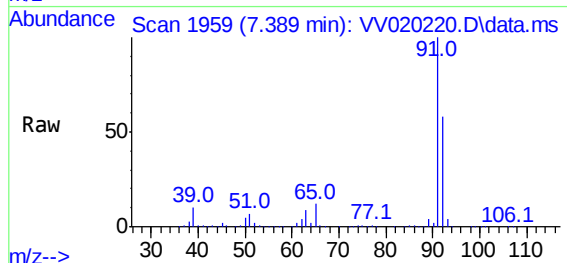




#42
Toluene
Concen: 5.00 ug/L
RT: 7.389 min Scan# 1959
Delta R.T. -0.000 min
Lab File: VV020220.D
Acq: 29 Jan 2021 12:26

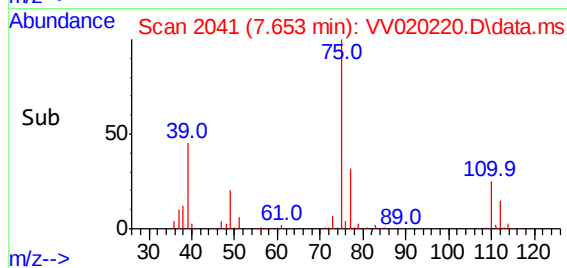
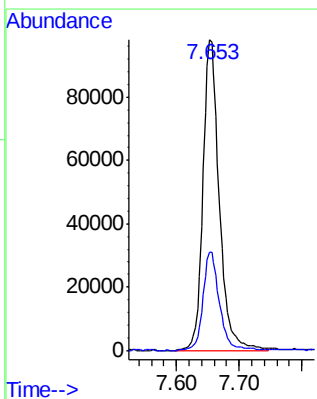
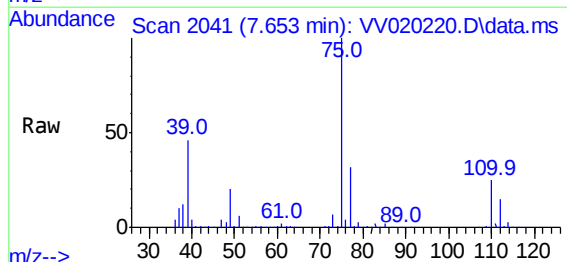
Instrument :
MSVOA_V
ClientSampleId :
VSTD005704

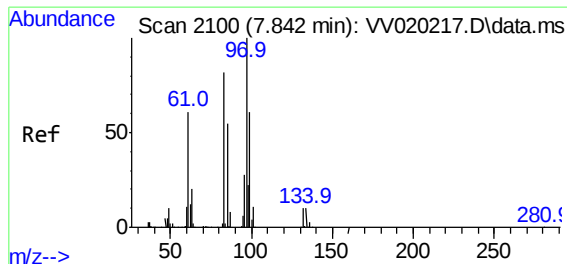
Tgt Ion: 91 Resp: 684838
Ion Ratio Lower Upper
91 100
92 58.5 40.9 76.0



#44
trans-1,3-Dichloropropene
Concen: 4.82 ug/L
RT: 7.653 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VV020220.D
Acq: 29 Jan 2021 12:26

Tgt Ion: 75 Resp: 175523
Ion Ratio Lower Upper
75 100
77 31.8 21.1 39.3



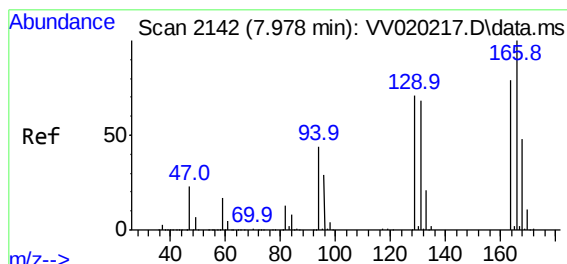
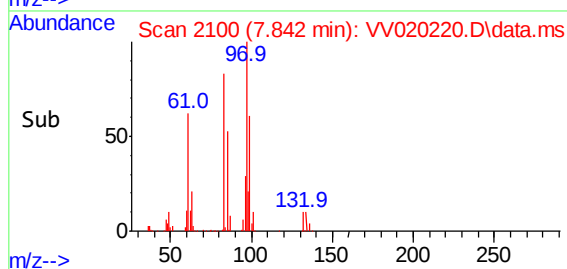
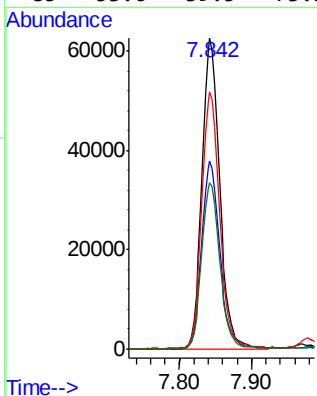
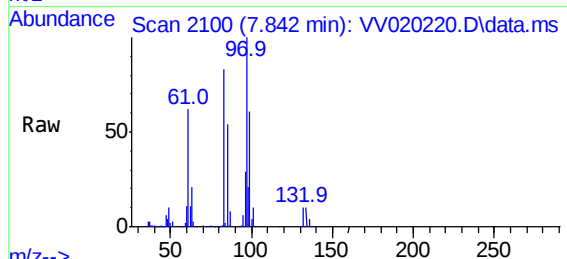


#45
1,1,2-Trichloroethane
Concen: 4.90 ug/L
RT: 7.842 min Scan# 2100
Delta R.T. -0.000 min
Lab File: VV020220.D
Acq: 29 Jan 2021 12:26

Instrument :
MSVOA_V
ClientSampleId :
VSTD005704

Tgt Ion: 97 Resp: 106847

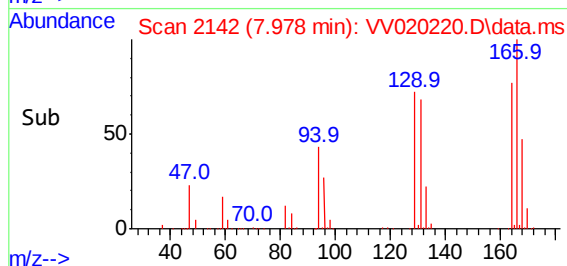
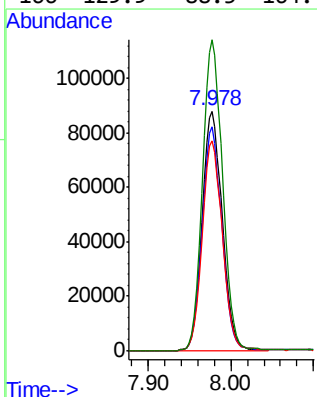
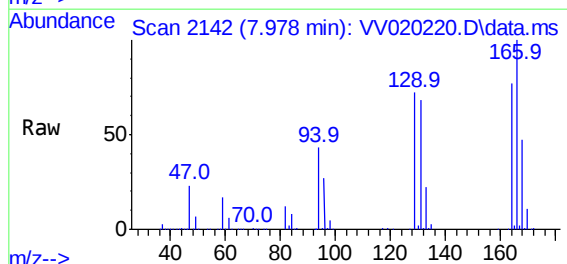
Ion	Ratio	Lower	Upper
97	100		
99	60.6	42.4	78.8
83	82.7	59.4	110.4
85	53.6	39.5	73.3

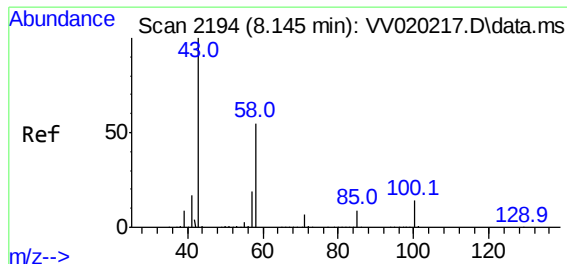


#47
Tetrachloroethene
Concen: 4.83 ug/L
RT: 7.978 min Scan# 2142
Delta R.T. -0.000 min
Lab File: VV020220.D
Acq: 29 Jan 2021 12:26

Tgt Ion: 164 Resp: 147353

Ion	Ratio	Lower	Upper
164	100		
129	93.3	72.1	133.9
131	87.7	68.9	127.9
166	129.9	88.5	164.4



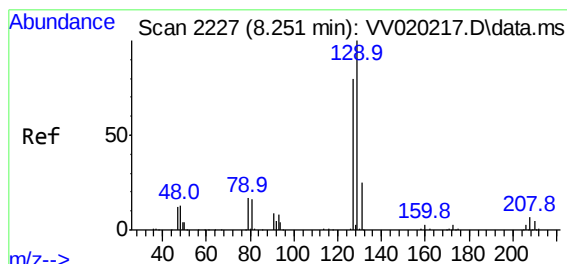
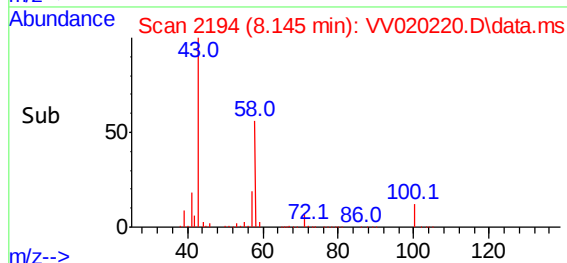
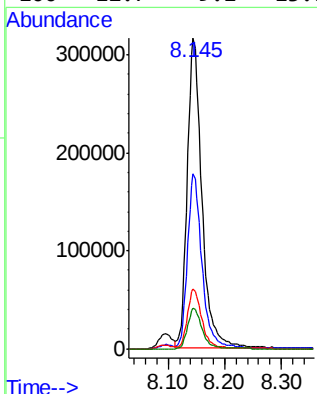
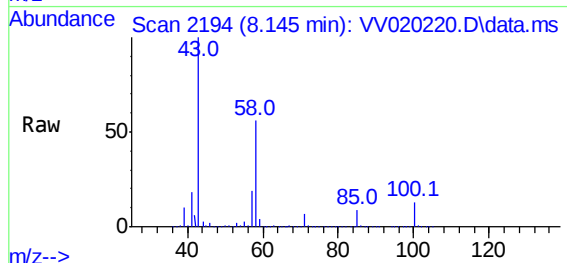


#48
2-Hexanone
Concen: 47.17 ug/L
RT: 8.145 min Scan# 2194
Delta R.T. -0.000 min
Lab File: VV020220.D
Acq: 29 Jan 2021 12:26

Instrument :
MSVOA_V
ClientSampleId :
VSTD005704

Tgt Ion: 43 Resp: 567737

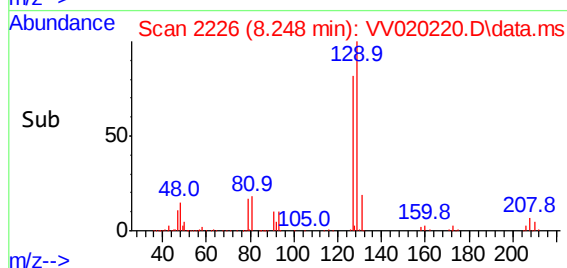
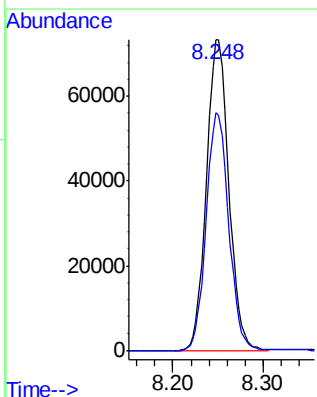
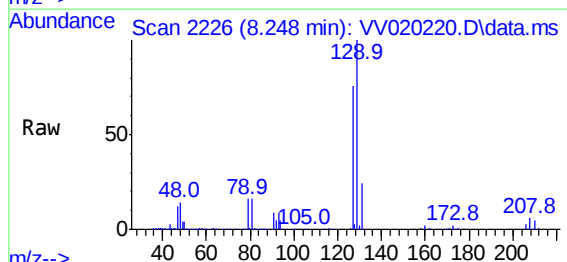
Ion	Ratio	Lower	Upper
43	100		
58	55.4	42.4	63.6
57	19.0	14.8	22.2
100	12.7	9.1	13.7

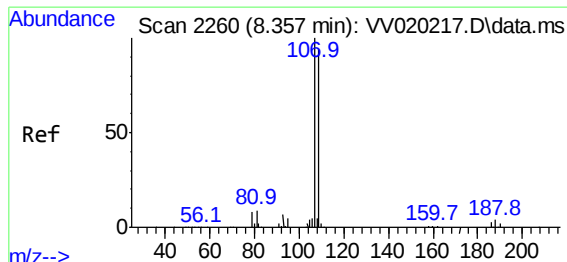


#49
Dibromochloromethane
Concen: 4.83 ug/L
RT: 8.248 min Scan# 2226
Delta R.T. -0.003 min
Lab File: VV020220.D
Acq: 29 Jan 2021 12:26

Tgt Ion: 129 Resp: 125700

Ion	Ratio	Lower	Upper
129	100		
127	76.4	55.0	102.2

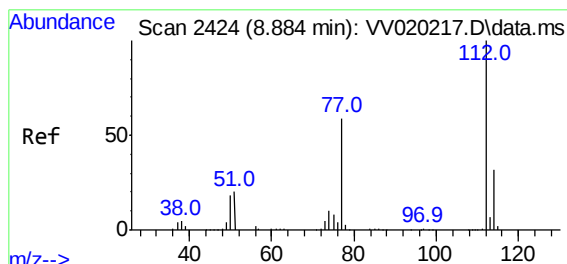
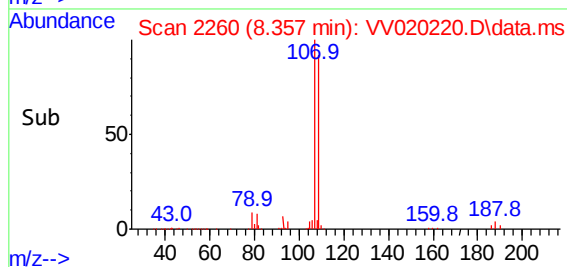
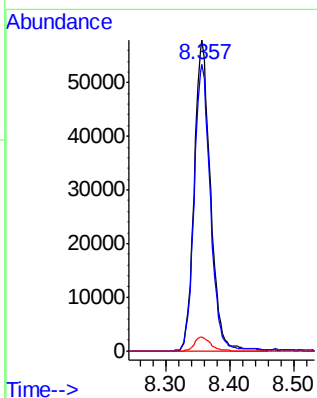
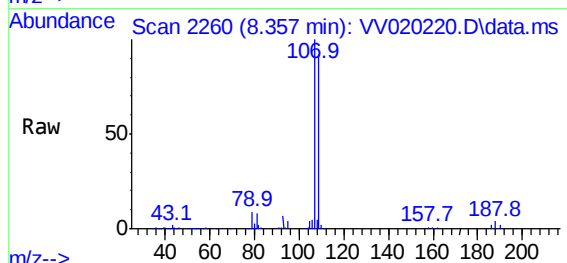




#50
1,2-Dibromoethane
Concen: 4.86 ug/L
RT: 8.357 min Scan# 2260
Delta R.T. -0.000 min
Lab File: VV020220.D
Acq: 29 Jan 2021 12:26

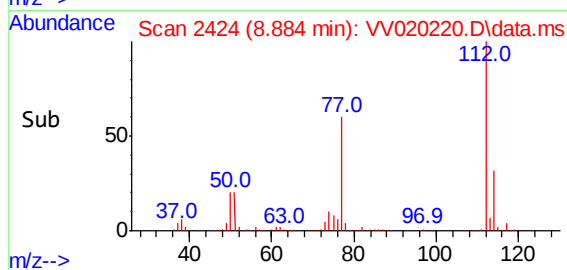
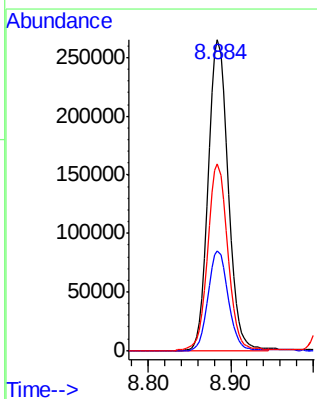
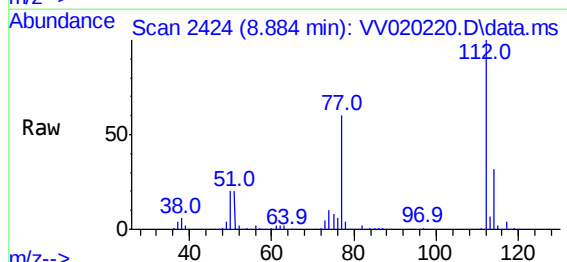
Instrument :
MSVOA_V
ClientSampleId :
VSTD005704

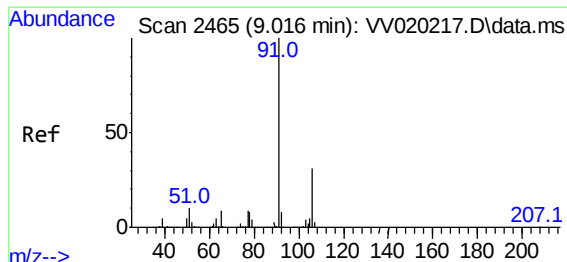
Tgt Ion:107 Resp: 101333
Ion Ratio Lower Upper
107 100
109 92.3 63.8 118.4
188 4.3 2.5 3.7#



#51
Chlorobenzene
Concen: 4.84 ug/L
RT: 8.884 min Scan# 2424
Delta R.T. -0.000 min
Lab File: VV020220.D
Acq: 29 Jan 2021 12:26

Tgt Ion:112 Resp: 436904
Ion Ratio Lower Upper
112 100
114 32.1 21.8 40.6
77 60.1 51.0 76.4

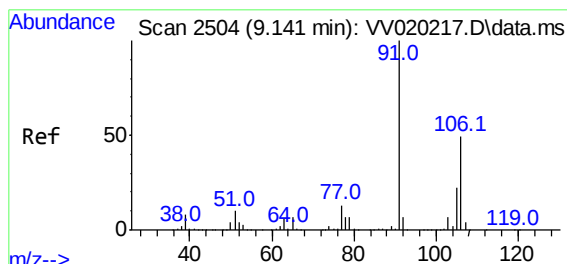
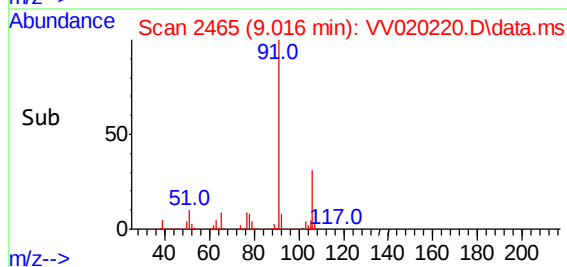
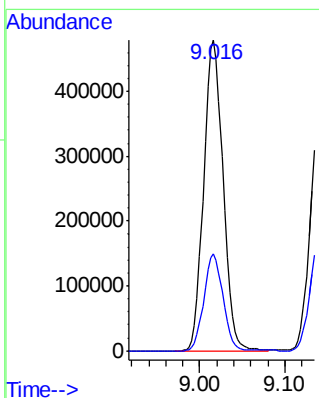
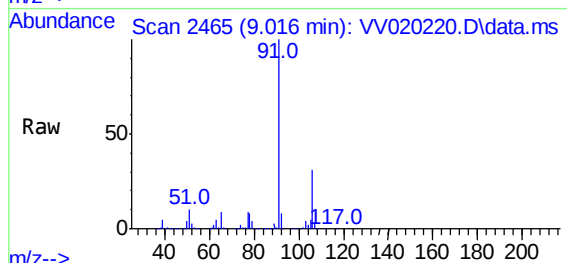




#52
Ethylbenzene
Concen: 4.93 ug/L
RT: 9.016 min Scan# 2465
Delta R.T. -0.000 min
Lab File: VV020220.D
Acq: 29 Jan 2021 12:26

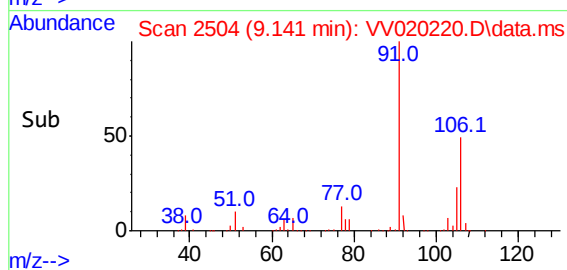
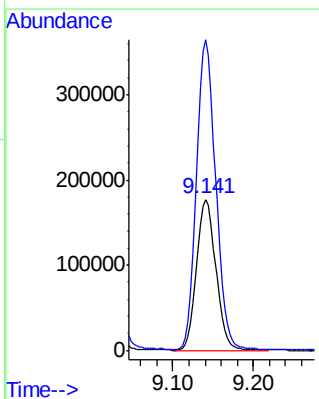
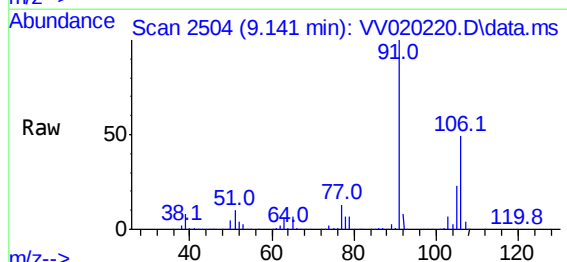
Instrument :
MSVOA_V
ClientSampleId :
VSTD005704

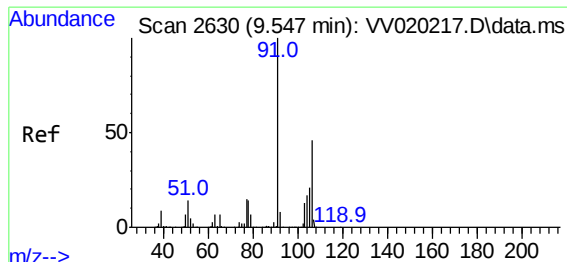
Tgt Ion: 91 Resp: 756524
Ion Ratio Lower Upper
91 100
106 31.2 20.9 38.7



#53
m,p-xylene
Concen: 5.05 ug/L
RT: 9.141 min Scan# 2504
Delta R.T. -0.000 min
Lab File: VV020220.D
Acq: 29 Jan 2021 12:26

Tgt Ion: 106 Resp: 288781
Ion Ratio Lower Upper
106 100
91 205.3 147.1 273.1

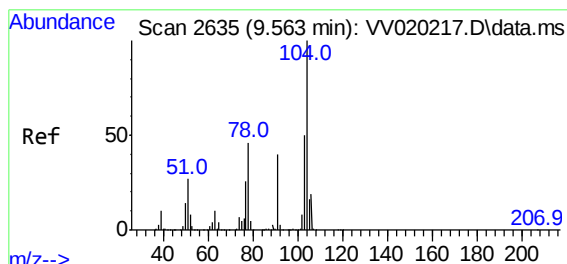
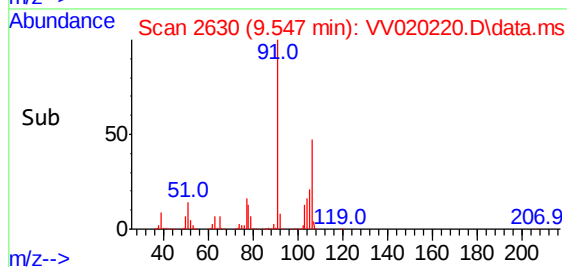
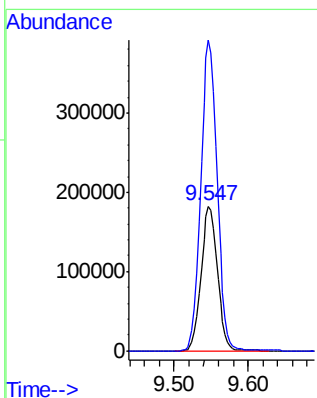
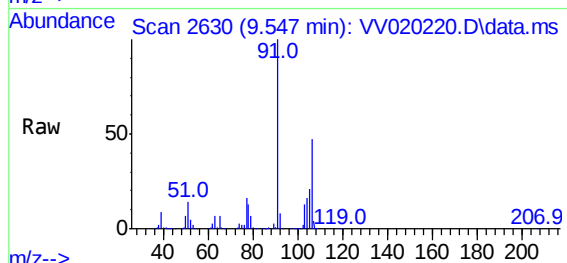




#54
o-xylene
Concen: 5.03 ug/L
RT: 9.547 min Scan# 2630
Delta R.T. -0.000 min
Lab File: VV020220.D
Acq: 29 Jan 2021 12:26

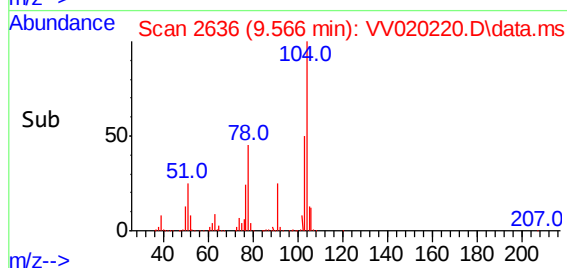
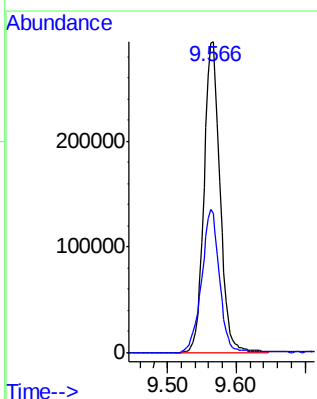
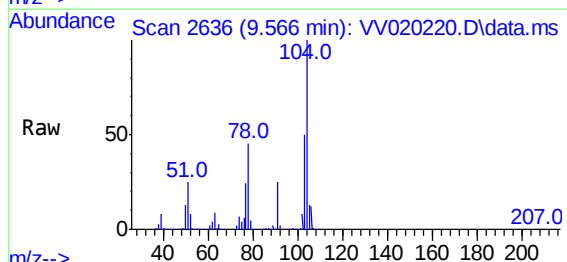
Instrument :
MSVOA_V
ClientSampleId :
VSTD005704

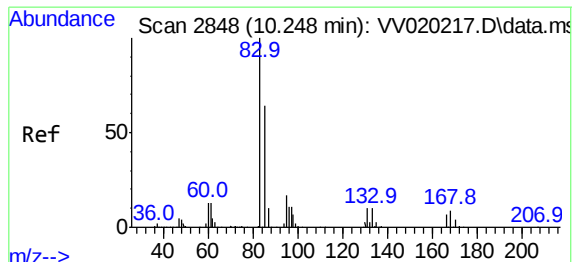
Tgt Ion:106 Resp: 278495
Ion Ratio Lower Upper
106 100
91 214.6 155.8 289.3



#55
Styrene
Concen: 5.04 ug/L
RT: 9.566 min Scan# 2636
Delta R.T. 0.003 min
Lab File: VV020220.D
Acq: 29 Jan 2021 12:26

Tgt Ion:104 Resp: 472897
Ion Ratio Lower Upper
104 100
78 44.7 33.7 62.7

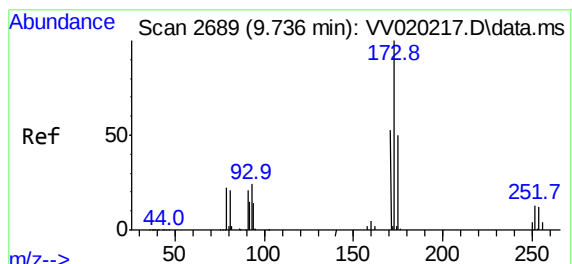
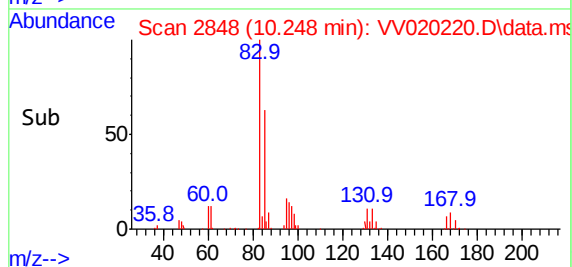
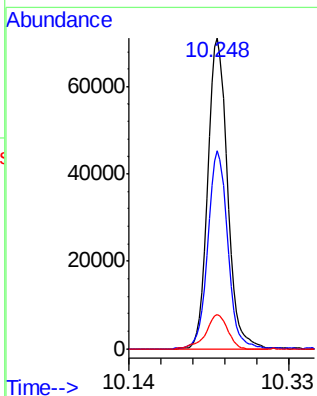
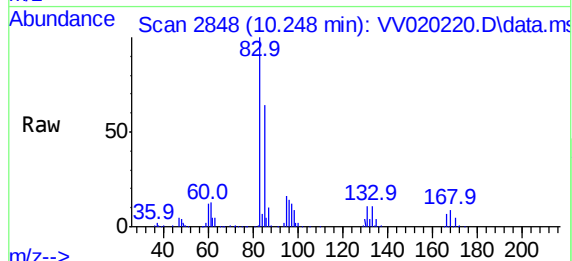




#57
1,1,2,2-Tetrachloroethane
Concen: 4.98 ug/L
RT: 10.248 min Scan# 2848
Delta R.T. -0.000 min
Lab File: VV020220.D
Acq: 29 Jan 2021 12:26

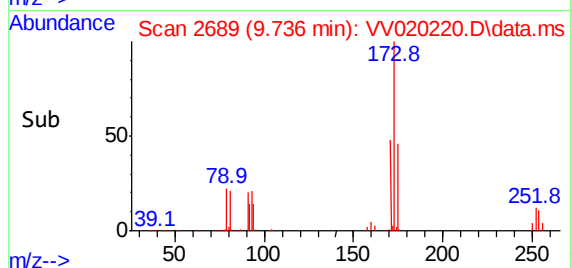
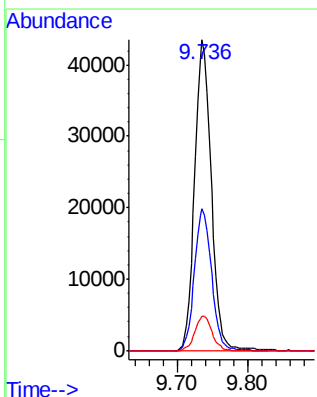
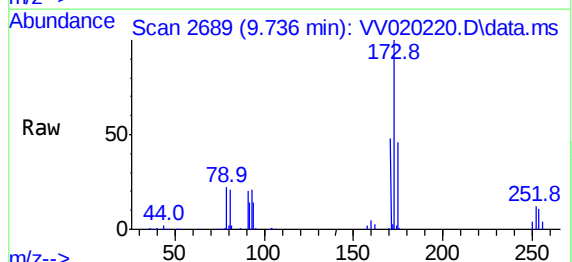
Instrument :
MSVOA_V
ClientSampleId :
VSTD005704

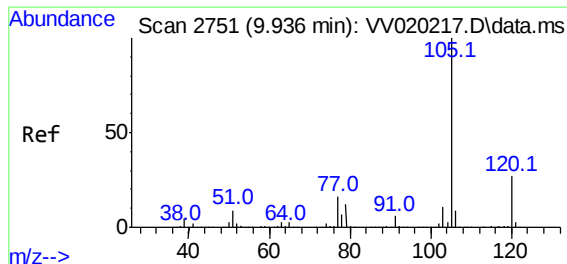
Tgt Ion: 83 Resp: 115877
Ion Ratio Lower Upper
83 100
85 63.6 44.3 82.3
131 11.1 7.4 11.2



#59
Bromoform
Concen: 4.87 ug/L
RT: 9.736 min Scan# 2689
Delta R.T. -0.000 min
Lab File: VV020220.D
Acq: 29 Jan 2021 12:26

Tgt Ion: 173 Resp: 70740
Ion Ratio Lower Upper
173 100
175 46.9 38.3 57.5
254 11.2 6.4 9.6#

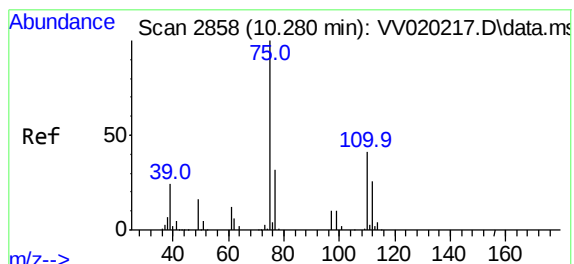
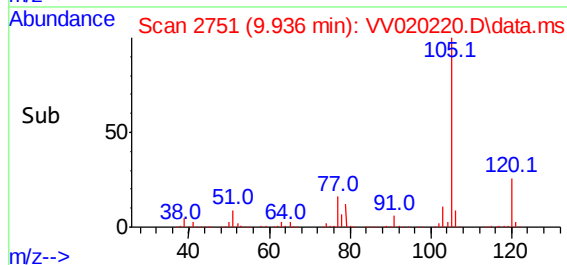
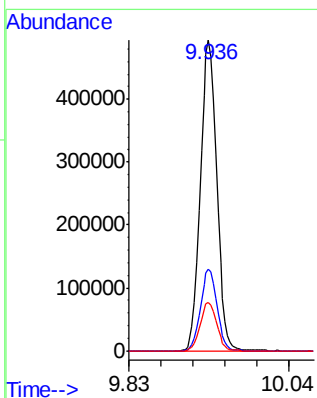
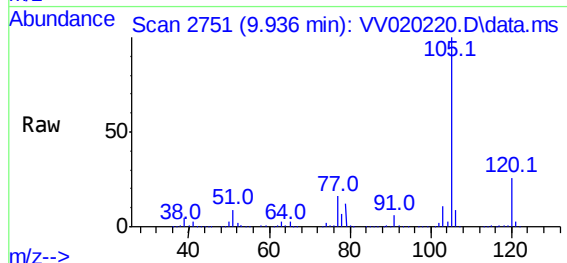




#60
Isopropylbenzene
Concen: 5.09 ug/L
RT: 9.936 min Scan# 2751
Delta R.T. -0.000 min
Lab File: VV020220.D
Acq: 29 Jan 2021 12:26

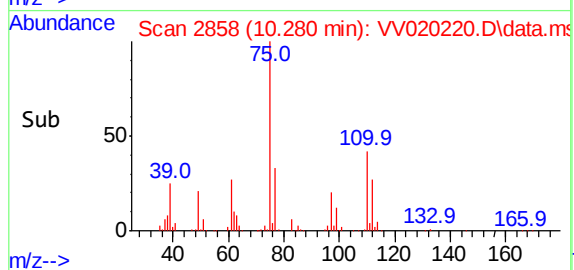
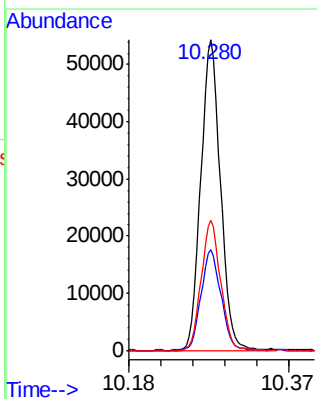
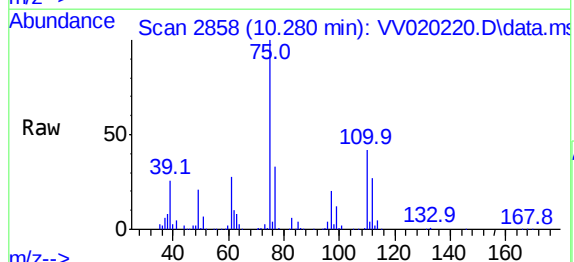
Instrument :
MSVOA_V
ClientSampleId :
VSTD005704

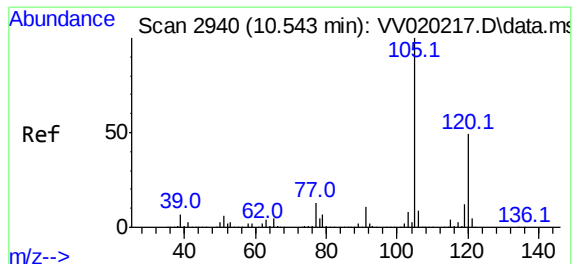
Tgt Ion:105 Resp: 759463
Ion Ratio Lower Upper
105 100
120 26.4 20.4 30.6
77 15.7 13.7 20.5



#61
1,2,3-Trichloropropane
Concen: 4.98 ug/L
RT: 10.280 min Scan# 2858
Delta R.T. -0.000 min
Lab File: VV020220.D
Acq: 29 Jan 2021 12:26

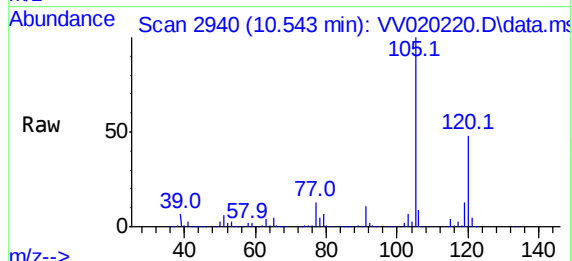
Tgt Ion: 75 Resp: 87019
Ion Ratio Lower Upper
75 100
77 33.3 25.6 38.4
110 41.6 30.5 45.7





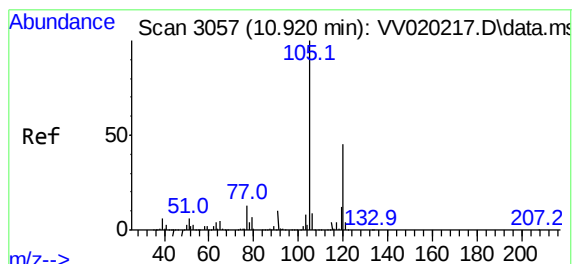
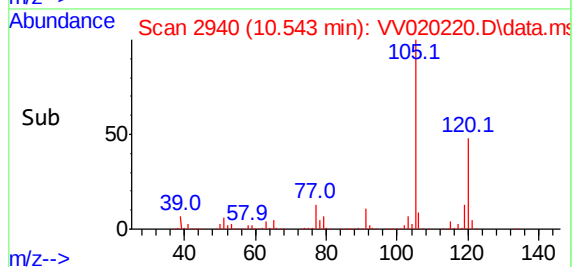
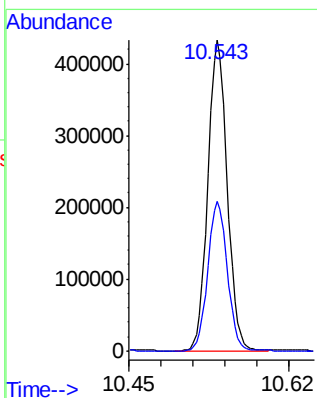
#62
 1,3,5-Trimethylbenzene
 Concen: 5.06 ug/L
 RT: 10.543 min Scan# 2940
 Delta R.T. -0.000 min
 Lab File: VV020220.D
 Acq: 29 Jan 2021 12:26

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005704



Tgt Ion:105 Resp: 624291

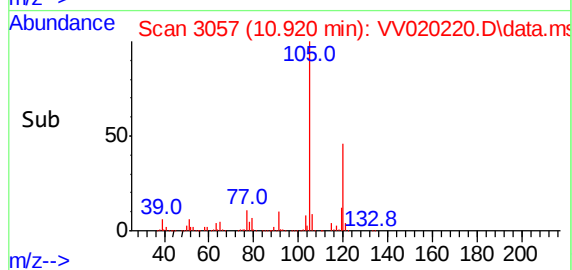
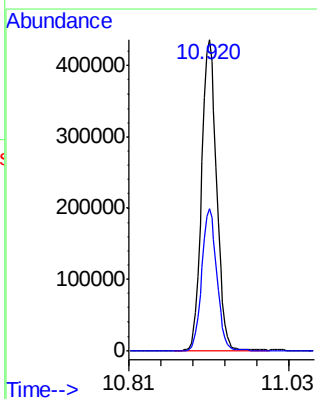
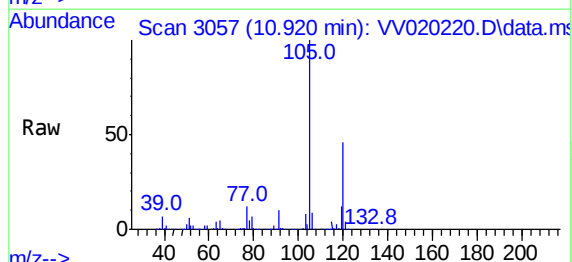
Ion	Ratio	Lower	Upper
105	100		
120	48.7	37.8	56.6

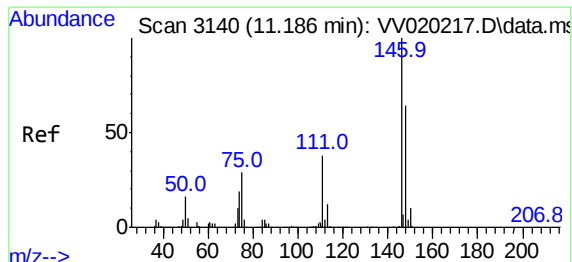


#63
 1,2,4-Trimethylbenzene
 Concen: 5.04 ug/L
 RT: 10.920 min Scan# 3057
 Delta R.T. -0.000 min
 Lab File: VV020220.D
 Acq: 29 Jan 2021 12:26

Tgt Ion:105 Resp: 636961

Ion	Ratio	Lower	Upper
105	100		
120	45.4	34.9	52.3

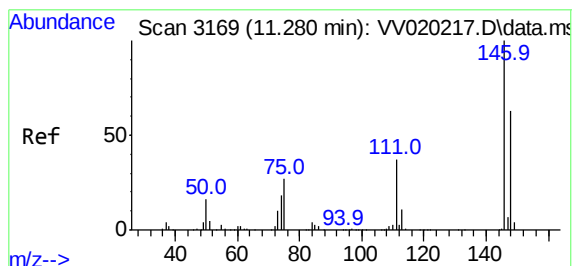
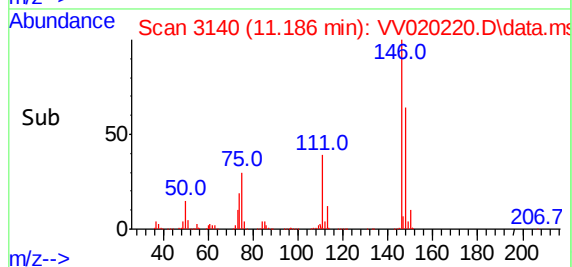
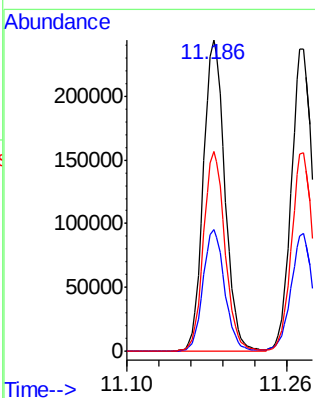
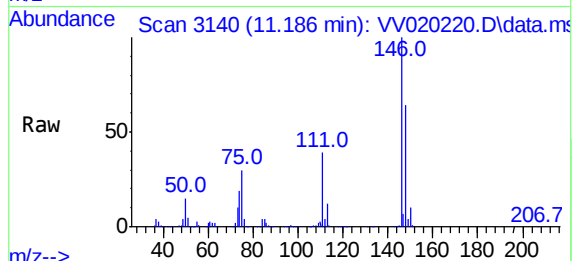




#64
1,3-Dichlorobenzene
Concen: 4.85 ug/L
RT: 11.186 min Scan# 3140
Delta R.T. -0.000 min
Lab File: VV020220.D
Acq: 29 Jan 2021 12:26

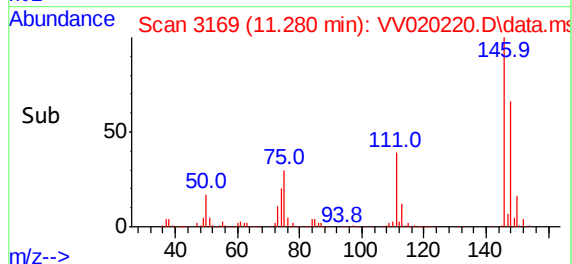
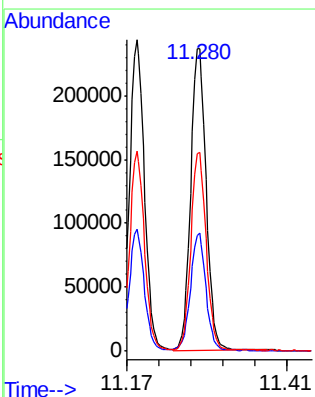
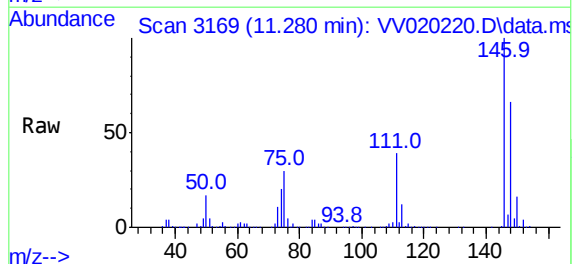
Instrument :
MSVOA_V
ClientSampleId :
VSTD005704

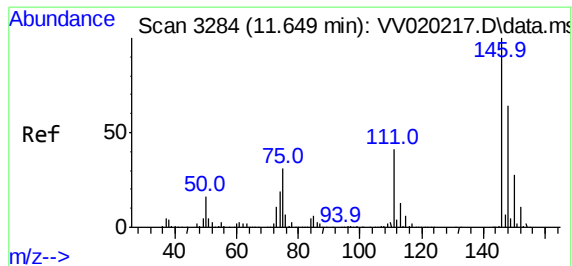
Tgt Ion:146 Resp: 376553
Ion Ratio Lower Upper
146 100
111 38.9 30.4 56.5
148 64.0 45.8 85.2



#65
1,4-Dichlorobenzene
Concen: 4.76 ug/L
RT: 11.280 min Scan# 3169
Delta R.T. -0.000 min
Lab File: VV020220.D
Acq: 29 Jan 2021 12:26

Tgt Ion:146 Resp: 373650
Ion Ratio Lower Upper
146 100
111 38.8 29.7 55.1
148 65.6 45.1 83.7

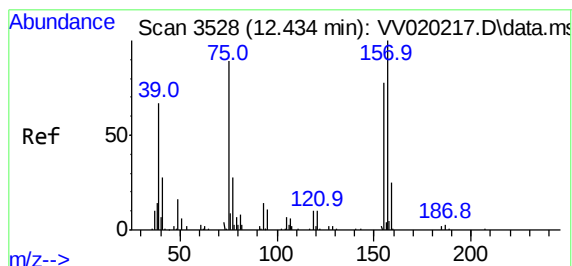
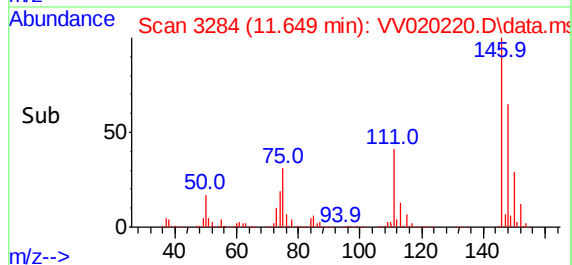
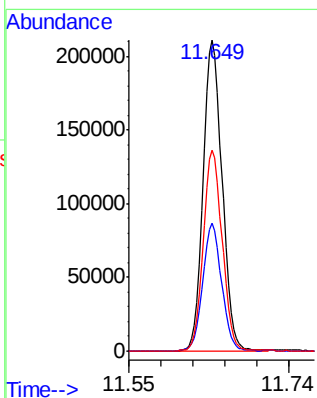
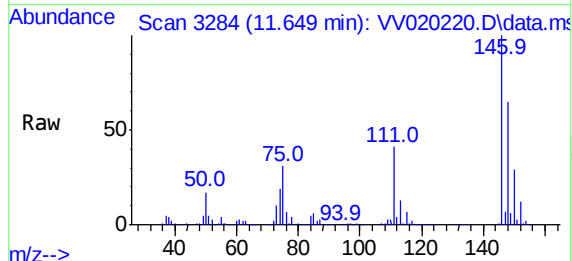




#67
1,2-Dichlorobenzene
Concen: 4.79 ug/L
RT: 11.649 min Scan# 3284
Delta R.T. -0.000 min
Lab File: VV020220.D
Acq: 29 Jan 2021 12:26

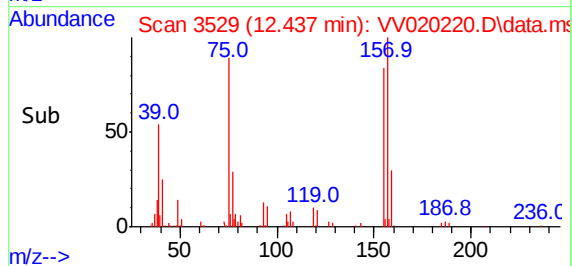
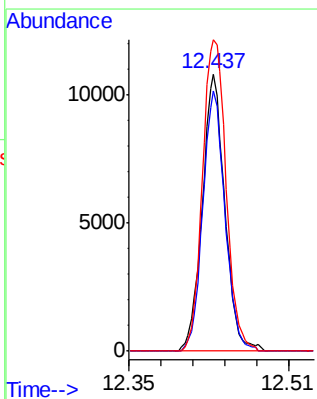
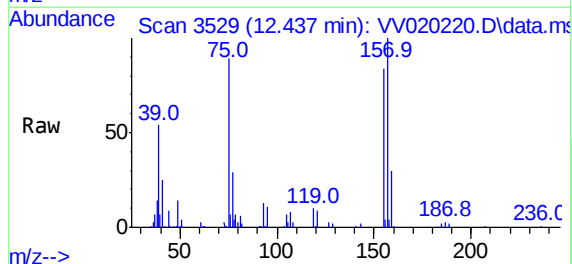
Instrument :
MSVOA_V
ClientSampleId :
VSTD005704

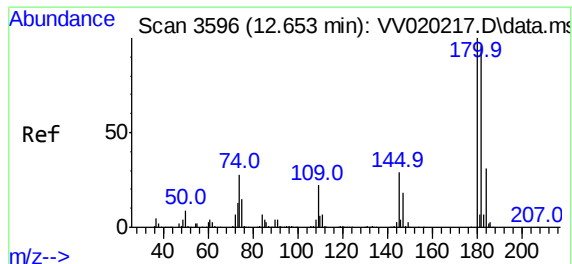
Tgt Ion:146 Resp: 336562
Ion Ratio Lower Upper
146 100
111 40.9 37.7 56.5
148 64.8 50.6 75.8



#68
1,2-Dibromo-3-chloropropane
Concen: 4.08 ug/L
RT: 12.437 min Scan# 3529
Delta R.T. 0.003 min
Lab File: VV020220.D
Acq: 29 Jan 2021 12:26

Tgt Ion: 75 Resp: 16829
Ion Ratio Lower Upper
75 100
155 94.0 56.5 84.7#
157 112.5 74.2 111.2#

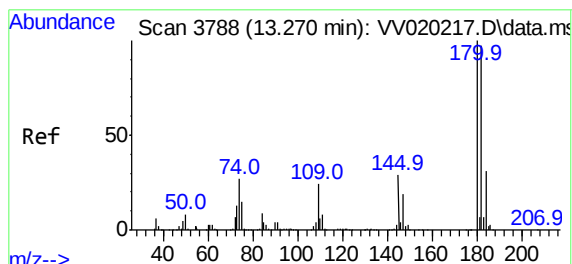
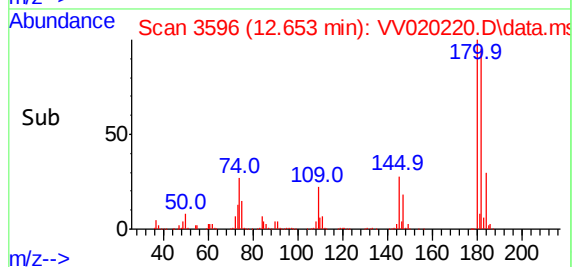
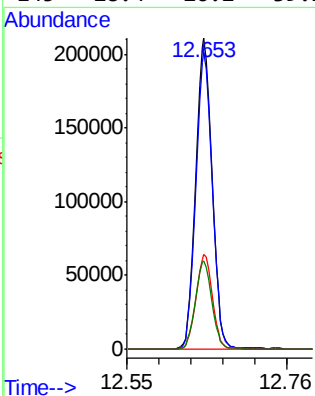
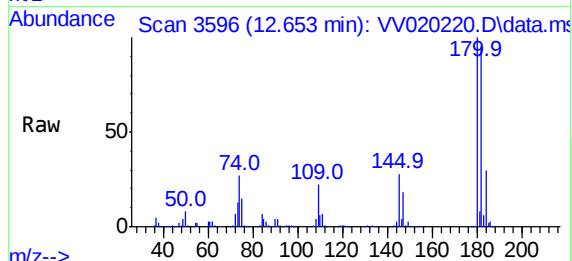




#69
1,3,5-Trichlorobenzene
Concen: 4.85 ug/L
RT: 12.653 min Scan# 3596
Delta R.T. -0.000 min
Lab File: VV020220.D
Acq: 29 Jan 2021 12:26

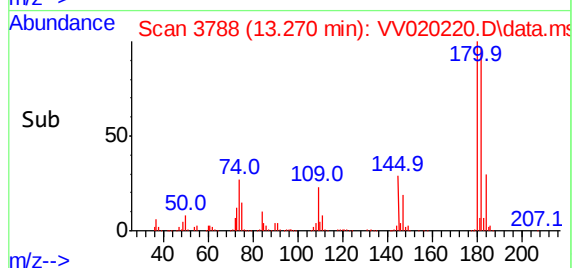
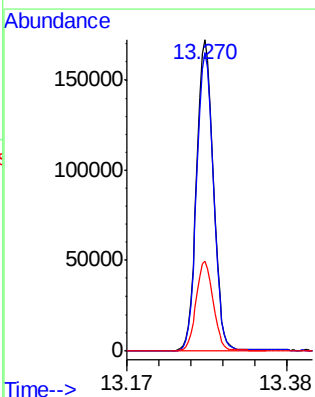
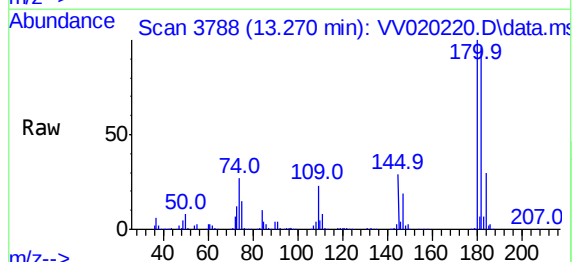
Instrument :
MSVOA_V
ClientSampleId :
VSTD005704

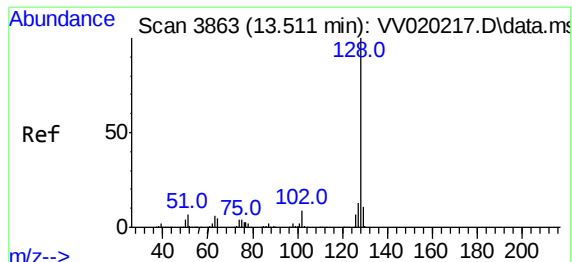
Tgt Ion:180 Resp: 324160
Ion Ratio Lower Upper
180 100
182 96.1 75.9 113.9
184 30.2 23.5 35.3
145 28.4 26.2 39.2



#70
1,2,4-trichlorobenzene
Concen: 4.80 ug/L
RT: 13.270 min Scan# 3788
Delta R.T. -0.000 min
Lab File: VV020220.D
Acq: 29 Jan 2021 12:26

Tgt Ion:180 Resp: 260500
Ion Ratio Lower Upper
180 100
182 96.1 75.9 113.9
145 29.0 26.6 39.8

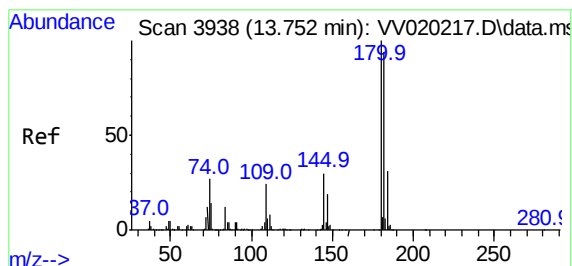
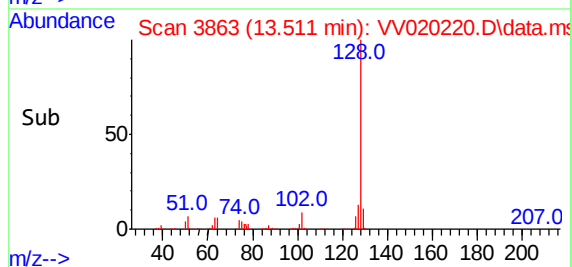
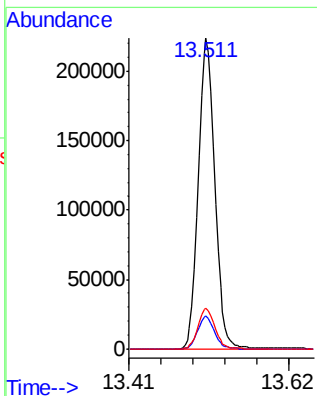
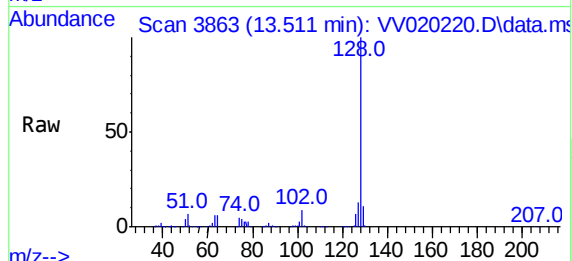




#71
Naphthalene
Concen: 4.72 ug/L
RT: 13.511 min Scan# 3863
Delta R.T. -0.000 min
Lab File: VV020220.D
Acq: 29 Jan 2021 12:26

Instrument :
MSVOA_V
ClientSampleId :
VSTD005704

Tgt Ion:128 Resp: 348594
Ion Ratio Lower Upper
128 100
129 10.7 8.5 12.7
127 13.2 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 4.76 ug/L
RT: 13.752 min Scan# 3938
Delta R.T. -0.000 min
Lab File: VV020220.D
Acq: 29 Jan 2021 12:26

Tgt Ion:180 Resp: 228868
Ion Ratio Lower Upper
180 100
182 94.7 74.6 112.0
145 30.7 28.8 43.2

