

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW013021\
 Data File : VW020217.D
 Acq On : 29 Jan 2021 09:13
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005703

Quant Time: Jan 30 02:21:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012921WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 28 12:11:07 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.617	114	476543	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.855	117	453634	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.254	152	257235	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.306	65	141625	4.20	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.00%
7) Chloroethane-d5	1.566	69	124857	4.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.80%
11) 1,1-Dichloroethene-d2	2.110	63	242721	5.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.00%
20) 2-Butanone-d5	3.917	46	299609	43.31	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.62%
24) Chloroform-d	4.351	84	288960	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
26) 1,2-Dichloroethane-d4	5.036	65	138500	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.80%
32) Benzene-d6	5.048	84	531454	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.00%
36) 1,2-Dichloropropane-d6	6.071	67	160147	4.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.00%
41) Toluene-d8	7.315	98	495648	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.80%
43) trans-1,3-Dichloroprop...	7.624	79	60793	4.58	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.60%
46) 2-Hexanone-d5	8.093	63	240891	43.74	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.48%
56) 1,1,2,2-Tetrachloroeth...	10.222	84	114444	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.20%
66) 1,2-Dichlorobenzene-d4	11.630	152	197040	4.40	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.00%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.129	85	246402	5.25	ug/L	99
3) Chloromethane	1.238	50	222244	4.83	ug/L	99
5) Vinyl chloride	1.309	62	217185	4.92	ug/L	99
6) Bromomethane	1.521	94	122377	4.81	ug/L	99
8) Chloroethane	1.582	64	128412	4.95	ug/L	97
9) Trichlorofluoromethane	1.749	101	316501	5.99	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.116	101	162805	5.98	ug/L #	84
12) 1,1-Dichloroethene	2.116	96	148257	5.62	ug/L	82
13) Acetone	2.212	43	103215	26.45	ug/L	85
14) Carbon disulfide	2.290	76	388676	3.90	ug/L	98
15) Methyl Acetate	2.447	43	55369	4.82	ug/L #	70
16) Methylene chloride	2.505	84	168504	4.77	ug/L	93
17) Methyl tert-butyl Ether	2.775	73	348942	4.79	ug/L	98
18) trans-1,2-Dichloroethene	2.759	96	170395	4.86	ug/L	94
19) 1,1-Dichloroethane	3.190	63	312597	4.98	ug/L	98
21) 2-Butanone	4.003	43	340233	45.55	ug/L	98
22) cis-1,2-Dichloroethene	3.913	96	176195	4.88	ug/L	89
23) Bromochloromethane	4.251	128	78260	4.98	ug/L	83
25) Chloroform	4.376	83	321763	4.96	ug/L	96
27) 1,2-Dichloroethane	5.135	62	191852	4.96	ug/L	99

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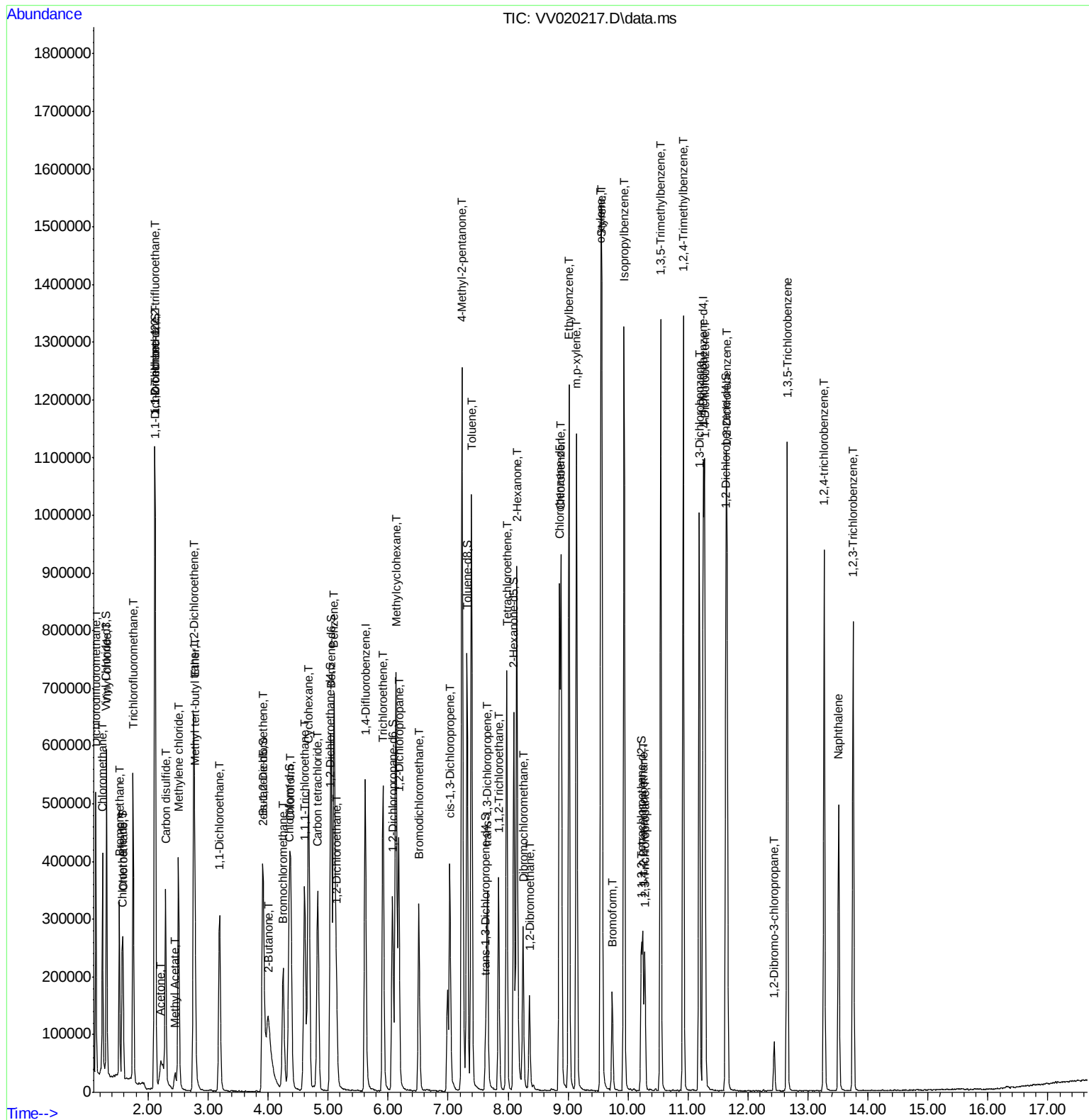
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) 1,1,1-Trichloroethane	4.608	97	292308	5.15	ug/L	97
30) Cyclohexane	4.675	56	280795	5.18	ug/L	95
31) Carbon tetrachloride	4.827	117	259238	5.21	ug/L	98
33) Benzene	5.100	78	684016	5.11	ug/L	100
34) Trichloroethene	5.917	95	188170	5.07	ug/L	91
35) Methylcyclohexane	6.132	83	299139	5.34	ug/L	94
37) 1,2-Dichloropropane	6.177	63	169216	5.22	ug/L	99
38) Bromodichloromethane	6.511	83	214008	5.03	ug/L	98
39) cis-1,3-Dichloropropene	7.029	75	234726	5.19	ug/L	97
40) 4-Methyl-2-pentanone	7.232	43	869141	48.22	ug/L	96
42) Toluene	7.389	91	737419	5.17	ug/L	100
44) trans-1,3-Dichloropropene	7.653	75	195210	5.15	ug/L	98
45) 1,1,2-Trichloroethane	7.842	97	115382	5.09	ug/L	98
47) Tetrachloroethene	7.978	164	163508	5.15	ug/L	92
48) 2-Hexanone	8.145	43	609637	48.66	ug/L	97
49) Dibromochloromethane	8.251	129	139117	5.13	ug/L	99
50) 1,2-Dibromoethane	8.357	107	108384	4.99	ug/L #	97
51) Chlorobenzene	8.884	112	477328	5.08	ug/L	96
52) Ethylbenzene	9.016	91	832652	5.22	ug/L	98
53) m,p-xylene	9.141	106	311601	5.23	ug/L	97
54) o-xylene	9.547	106	301069	5.23	ug/L	98
55) Styrene	9.563	104	520511	5.33	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.248	83	125073	5.16	ug/L	99
59) Bromoform	9.736	173	77977	5.20	ug/L #	98
60) Isopropylbenzene	9.936	105	832868	5.42	ug/L	98
61) 1,2,3-Trichloropropane	10.280	75	94388	5.24	ug/L	97
62) 1,3,5-Trimethylbenzene	10.543	105	687491	5.41	ug/L	97
63) 1,2,4-Trimethylbenzene	10.920	105	693565	5.32	ug/L	97
64) 1,3-Dichlorobenzene	11.186	146	410061	5.12	ug/L	95
65) 1,4-Dichlorobenzene	11.280	146	406345	5.02	ug/L	95
67) 1,2-Dichlorobenzene	11.649	146	366071	5.05	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.434	75	19200	4.52	ug/L #	80
69) 1,3,5-Trichlorobenzene	12.653	180	351050	5.09	ug/L	98
70) 1,2,4-trichlorobenzene	13.270	180	281064	5.02	ug/L	96
71) Naphthalene	13.511	128	376820	4.95	ug/L	99
72) 1,2,3-Trichlorobenzene	13.752	180	246826	4.98	ug/L	96

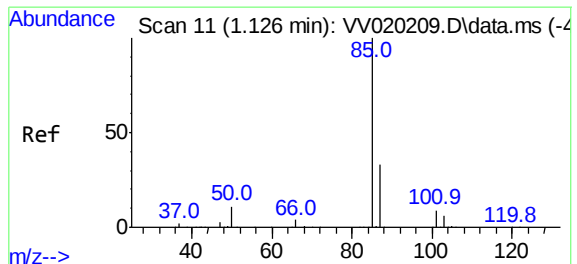
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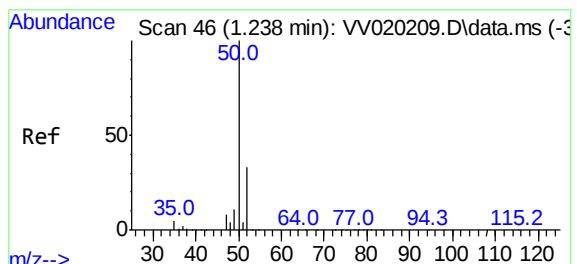
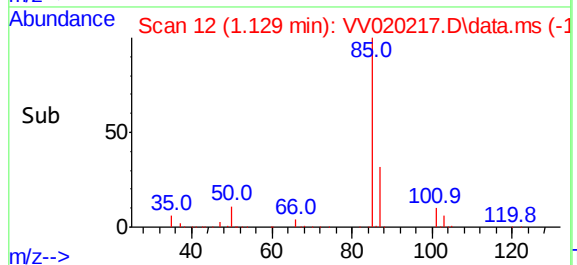
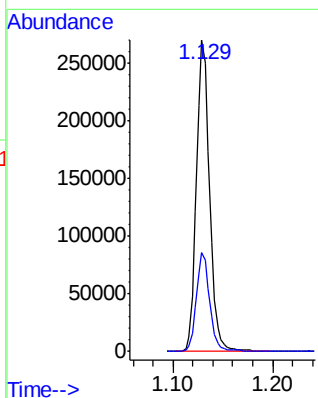
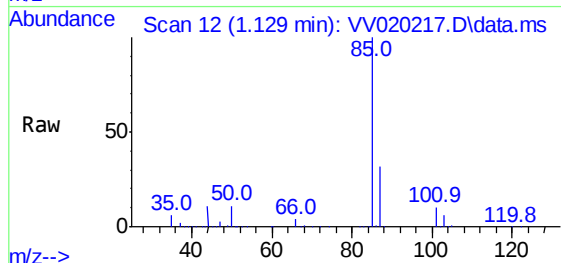




#2
Dichlorodifluoromethane
Concen: 5.25 ug/L
RT: 1.129 min Scan# 12
Delta R.T. 0.003 min
Lab File: VV020217.D
Acq: 29 Jan 2021 09:13

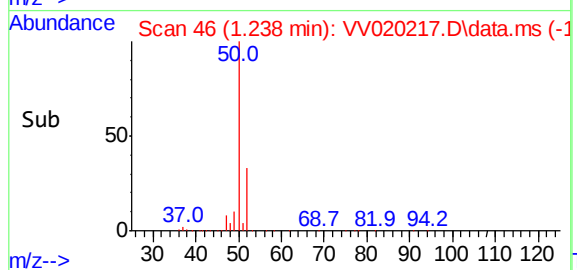
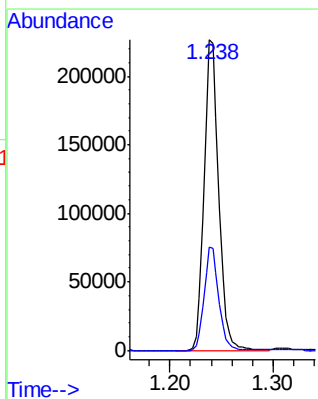
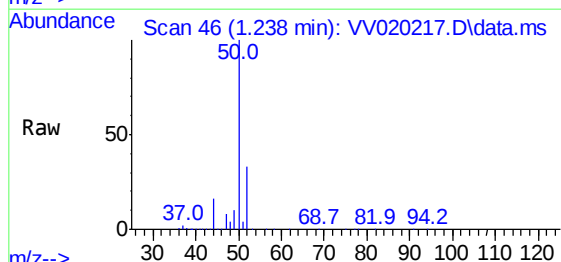
Instrument :
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ClientSampleId :
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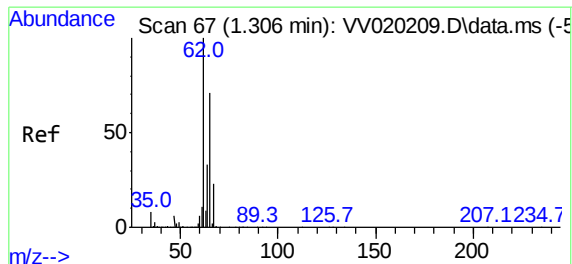
Tgt Ion: 85 Resp: 246402
Ion Ratio Lower Upper
85 100
87 31.5 25.6 38.4



#3
Chloromethane
Concen: 4.83 ug/L
RT: 1.238 min Scan# 46
Delta R.T. 0.000 min
Lab File: VV020217.D
Acq: 29 Jan 2021 09:13

Tgt Ion: 50 Resp: 222244
Ion Ratio Lower Upper
50 100
52 33.5 23.1 42.9

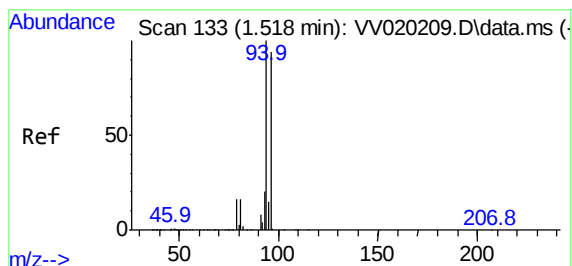
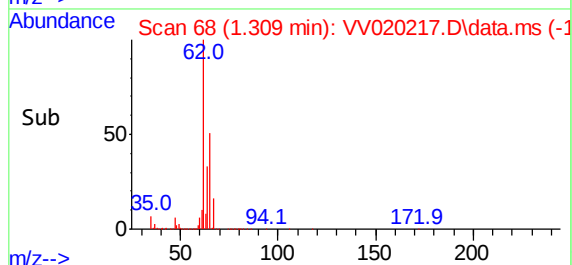
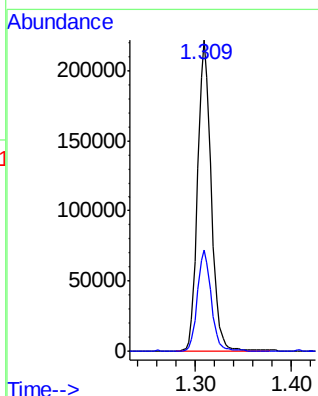
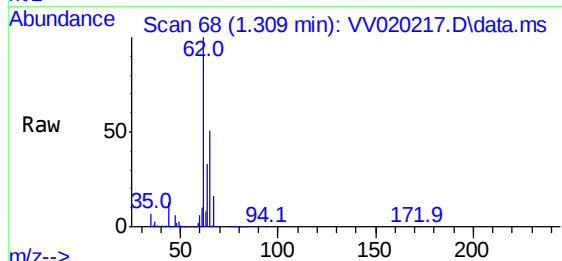




#5
 Vinyl chloride
 Concen: 4.92 ug/L
 RT: 1.309 min Scan# 68
 Delta R.T. 0.003 min
 Lab File: VV020217.D
 Acq: 29 Jan 2021 09:13

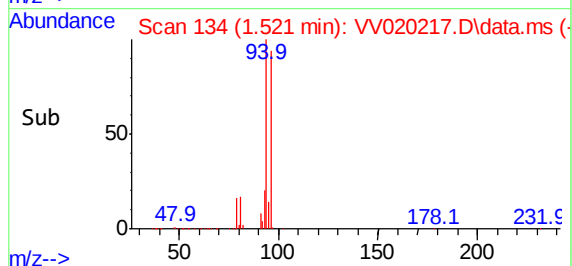
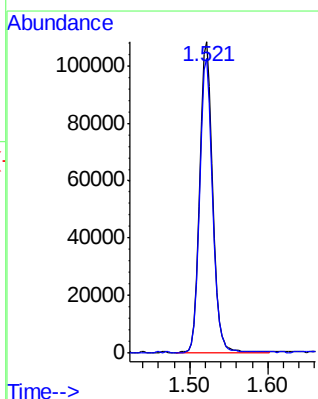
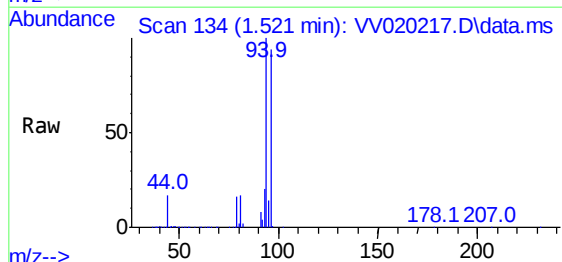
Instrument :
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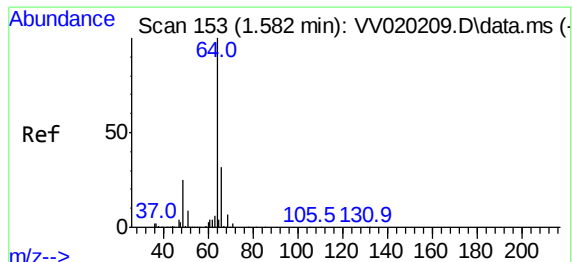
Tgt Ion: 62 Resp: 217185
 Ion Ratio Lower Upper
 62 100
 64 32.5 23.2 43.2



#6
 Bromomethane
 Concen: 4.81 ug/L
 RT: 1.521 min Scan# 134
 Delta R.T. 0.003 min
 Lab File: VV020217.D
 Acq: 29 Jan 2021 09:13

Tgt Ion: 94 Resp: 122377
 Ion Ratio Lower Upper
 94 100
 96 94.5 65.6 121.8

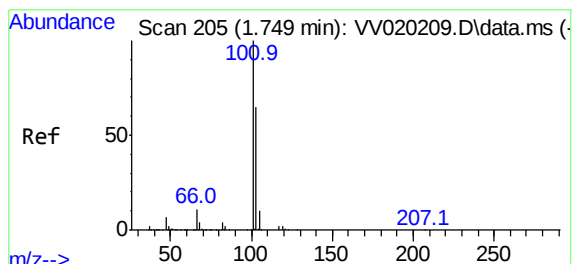
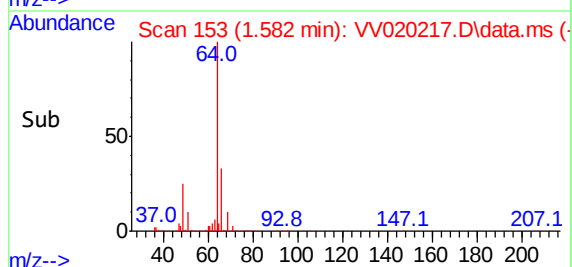
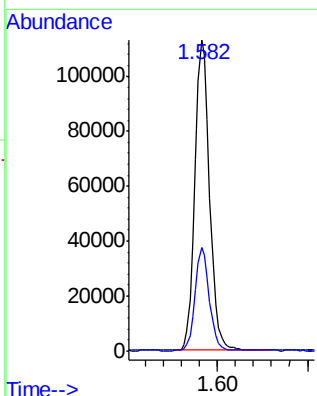
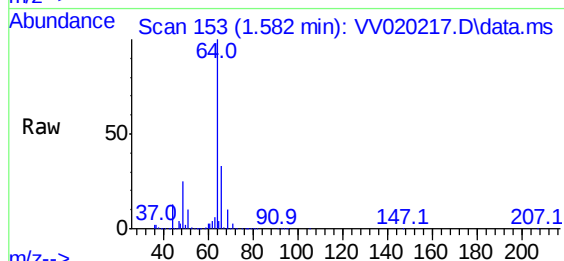




#8
Chloroethane
Concen: 4.95 ug/L
RT: 1.582 min Scan# 153
Delta R.T. 0.000 min
Lab File: VV020217.D
Acq: 29 Jan 2021 09:13

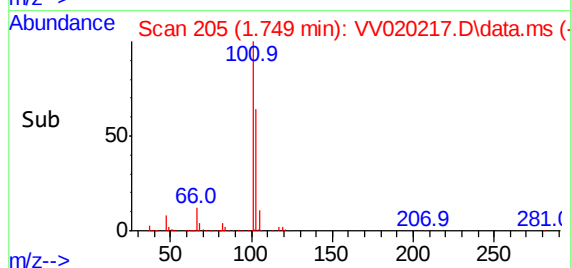
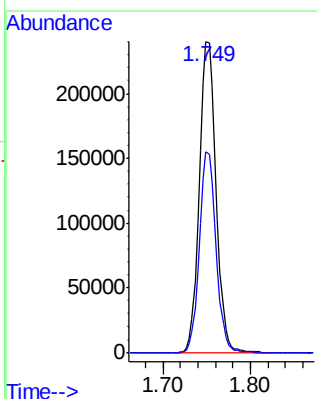
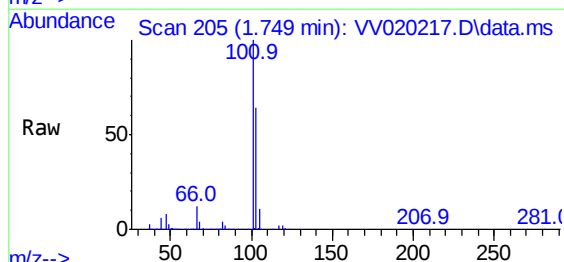
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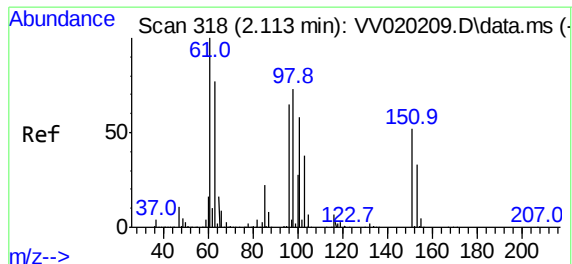
Tgt Ion: 64 Resp: 128412
Ion Ratio Lower Upper
64 100
66 33.1 22.0 40.8



#9
Trichlorofluoromethane
Concen: 5.99 ug/L
RT: 1.749 min Scan# 205
Delta R.T. 0.000 min
Lab File: VV020217.D
Acq: 29 Jan 2021 09:13

Tgt Ion:101 Resp: 316501
Ion Ratio Lower Upper
101 100
103 64.2 51.8 77.8

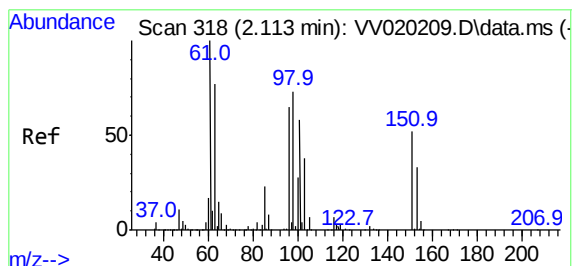
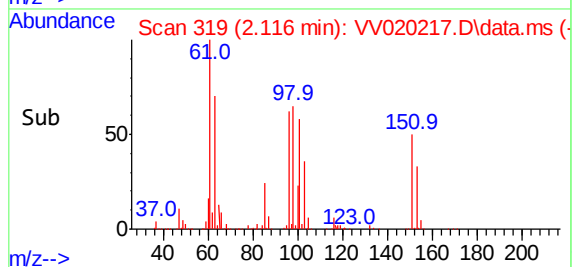
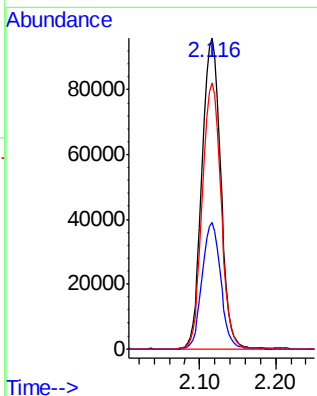
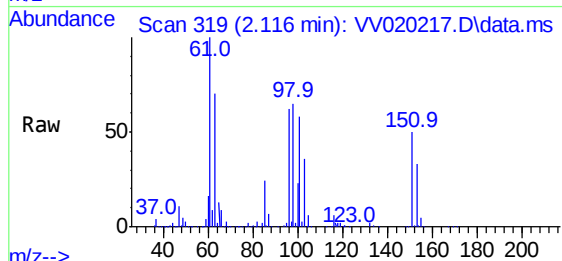




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.98 ug/L
 RT: 2.116 min Scan# 319
 Delta R.T. 0.003 min
 Lab File: VV020217.D
 Acq: 29 Jan 2021 09:13

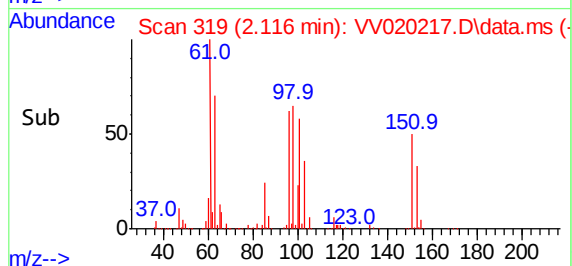
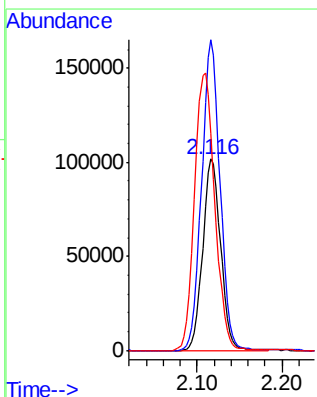
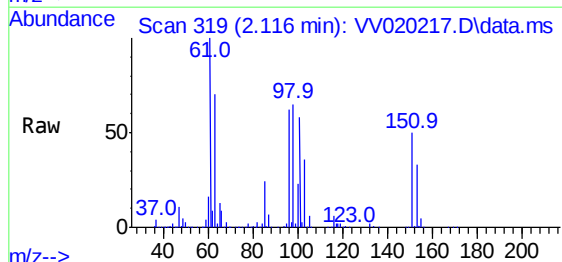
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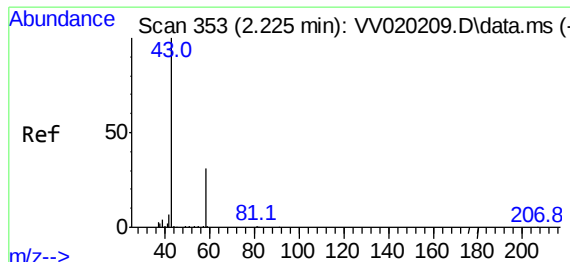
Tgt Ion:101 Resp: 162805
 Ion Ratio Lower Upper
 101 100
 85 40.1 36.4 54.6
 151 85.3 54.1 81.1#



#12
 1,1-Dichloroethene
 Concen: 5.62 ug/L
 RT: 2.116 min Scan# 319
 Delta R.T. 0.003 min
 Lab File: VV020217.D
 Acq: 29 Jan 2021 09:13

Tgt Ion: 96 Resp: 148257
 Ion Ratio Lower Upper
 96 100
 61 162.3 131.5 244.1
 63 113.3 95.2 176.8

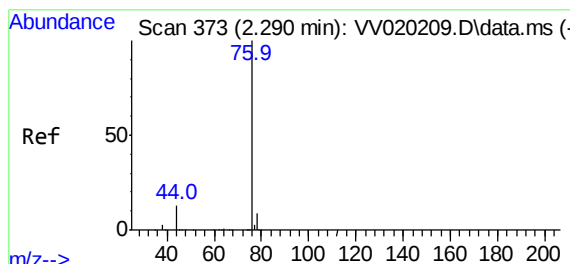
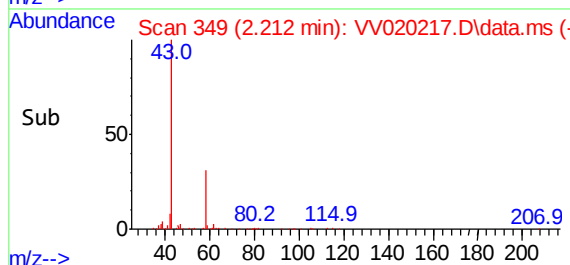
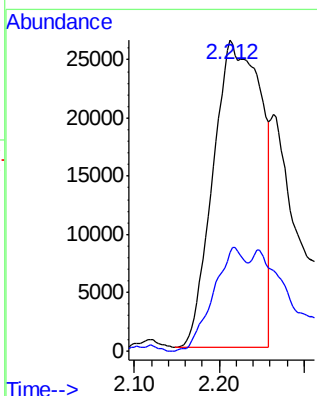
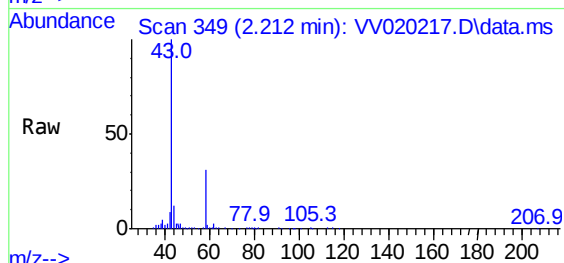




#13
Acetone
Concen: 26.45 ug/L
RT: 2.212 min Scan# 349
Delta R.T. -0.013 min
Lab File: VV020217.D
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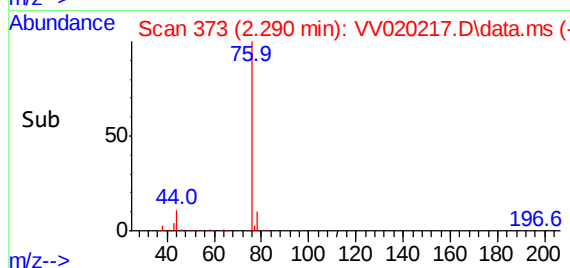
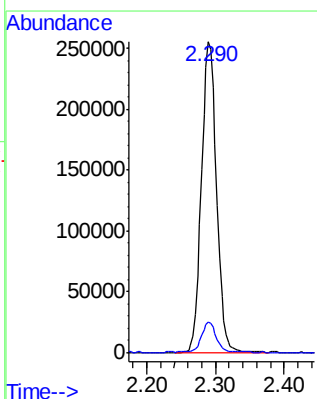
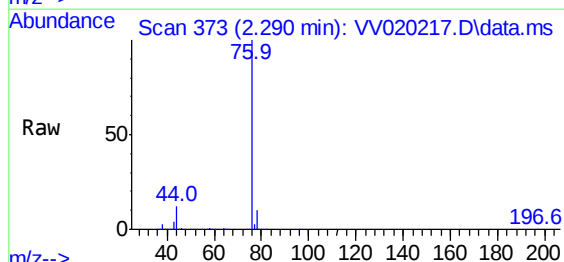
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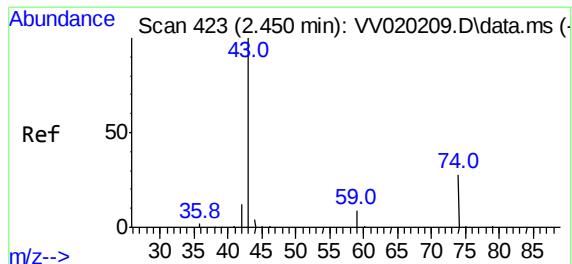
Tgt Ion: 43 Resp: 103215
Ion Ratio Lower Upper
43 100
58 22.0 0.0 31.4



#14
Carbon disulfide
Concen: 3.90 ug/L
RT: 2.290 min Scan# 373
Delta R.T. 0.000 min
Lab File: VV020217.D
Acq: 29 Jan 2021 09:13

Tgt Ion: 76 Resp: 388676
Ion Ratio Lower Upper
76 100
78 9.7 7.2 10.8

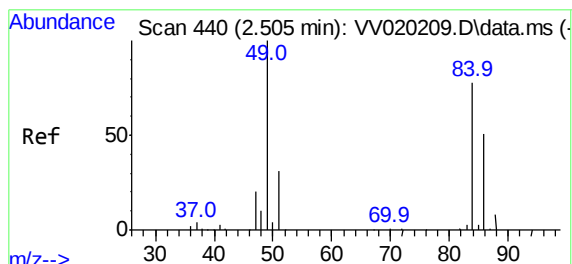
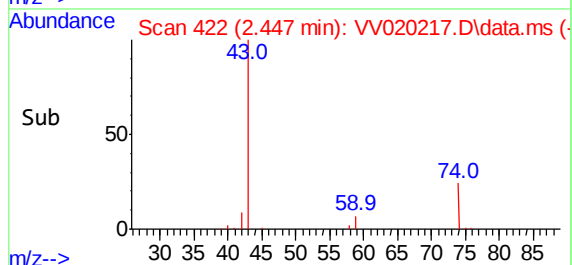
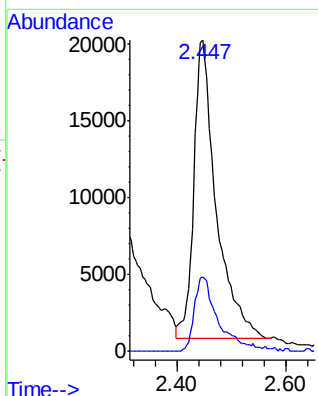
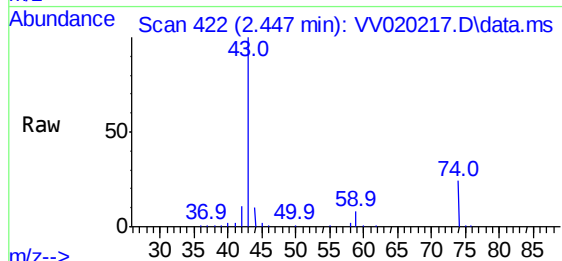




#15
Methyl Acetate
Concen: 4.82 ug/L
RT: 2.447 min Scan# 422
Delta R.T. -0.003 min
Lab File: VV020217.D
Acq: 29 Jan 2021 09:13

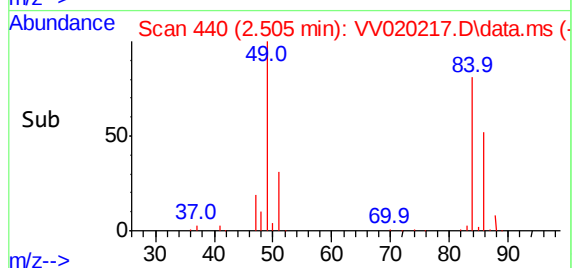
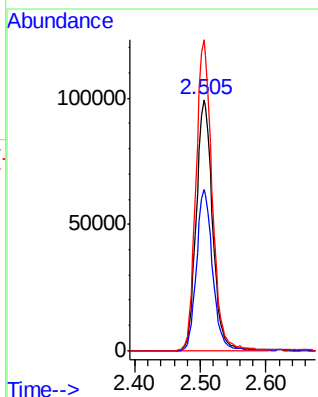
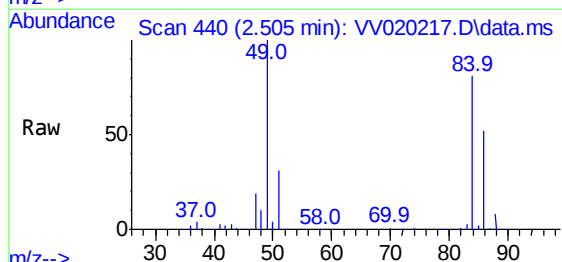
Instrument :
MSVOA_V
ClientSampleId :
VSTD005703

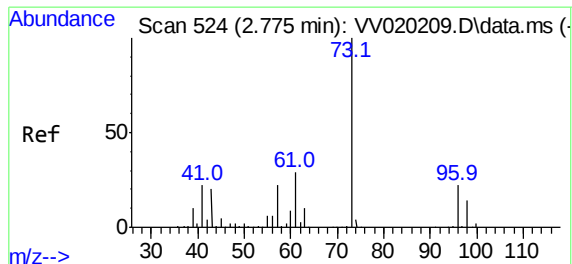
Tgt Ion: 43 Resp: 55369
Ion Ratio Lower Upper
43 100
74 25.4 10.6 16.0#



#16
Methylene chloride
Concen: 4.77 ug/L
RT: 2.505 min Scan# 440
Delta R.T. 0.000 min
Lab File: VV020217.D
Acq: 29 Jan 2021 09:13

Tgt Ion: 84 Resp: 168504
Ion Ratio Lower Upper
84 100
86 64.1 42.8 79.4
49 123.7 93.9 174.3

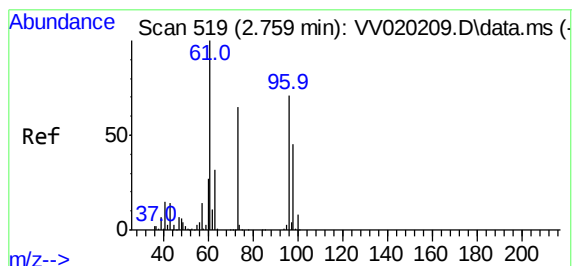
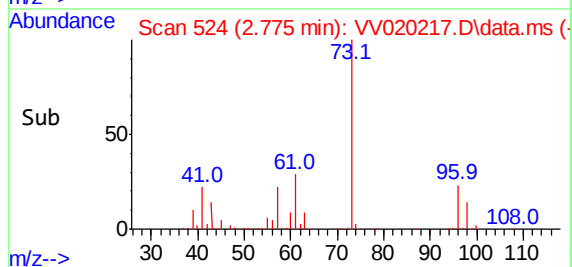
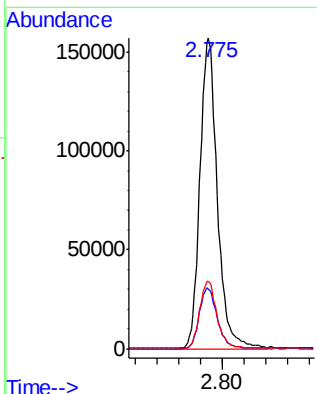
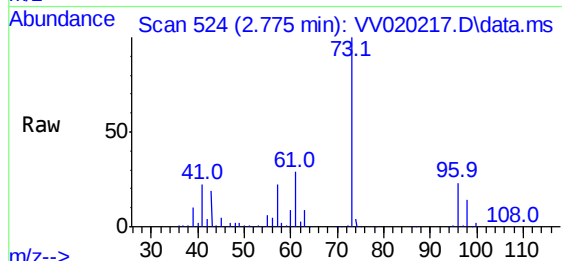




#17
Methyl tert-butyl Ether
Concen: 4.79 ug/L
RT: 2.775 min Scan# 524
Delta R.T. 0.000 min
Lab File: VV020217.D
Acq: 29 Jan 2021 09:13

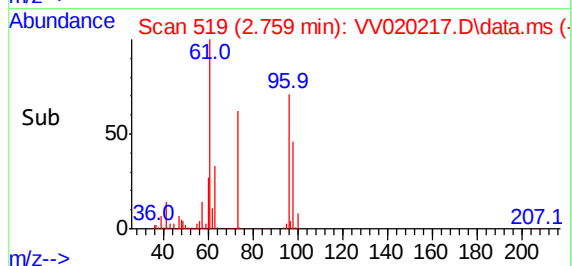
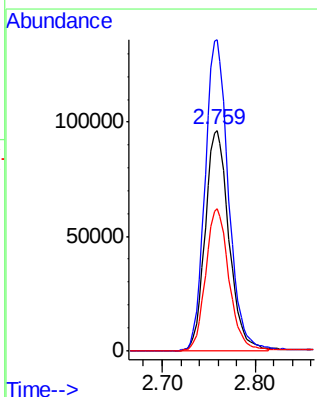
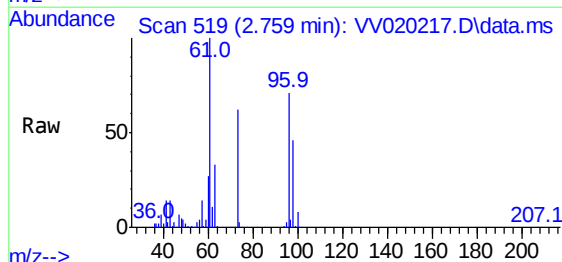
Instrument :
MSVOA_V
ClientSampleId :
VSTD005703

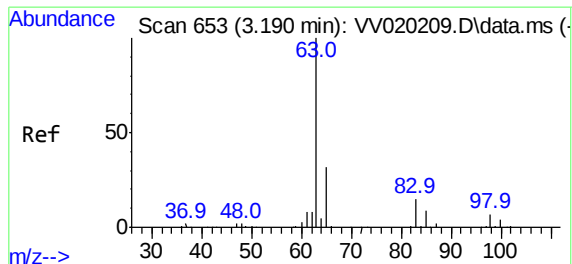
Tgt Ion: 73 Resp: 348942
Ion Ratio Lower Upper
73 100
43 20.2 17.0 25.6
57 21.9 18.2 27.4



#18
trans-1,2-Dichloroethene
Concen: 4.86 ug/L
RT: 2.759 min Scan# 519
Delta R.T. 0.000 min
Lab File: VV020217.D
Acq: 29 Jan 2021 09:13

Tgt Ion: 96 Resp: 170395
Ion Ratio Lower Upper
96 100
61 141.3 106.3 197.3
98 64.6 44.7 82.9

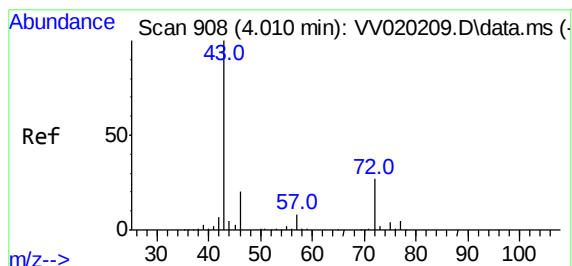
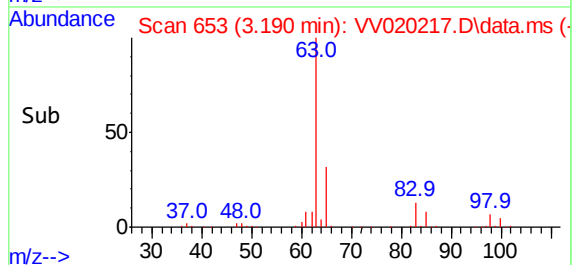
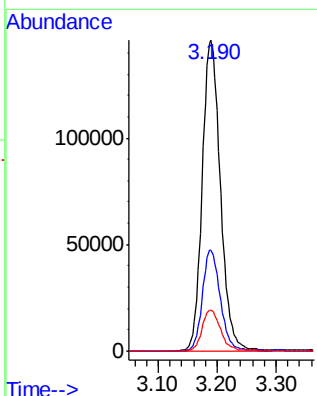
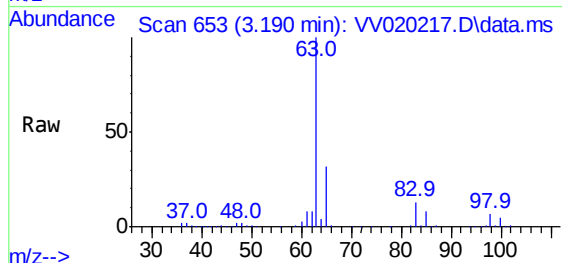




#19
1,1-Dichloroethane
Concen: 4.98 ug/L
RT: 3.190 min Scan# 653
Delta R.T. 0.000 min
Lab File: VV020217.D
Acq: 29 Jan 2021 09:13

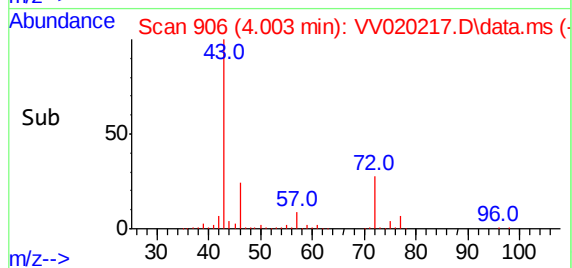
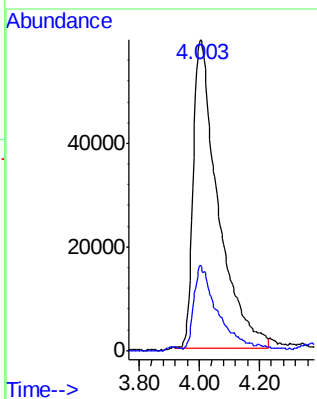
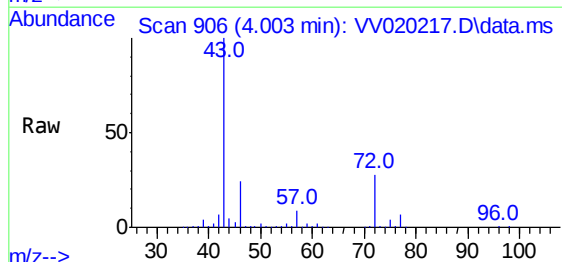
Instrument :
MSVOA_V
ClientSampleId :
VSTD005703

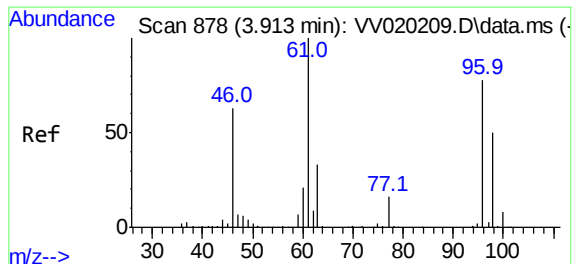
Tgt Ion: 63 Resp: 312597
Ion Ratio Lower Upper
63 100
65 32.5 21.8 40.6
83 13.1 9.0 16.8



#21
2-Butanone
Concen: 45.55 ug/L
RT: 4.003 min Scan# 906
Delta R.T. -0.006 min
Lab File: VV020217.D
Acq: 29 Jan 2021 09:13

Tgt Ion: 43 Resp: 340233
Ion Ratio Lower Upper
43 100
72 22.6 10.9 32.7

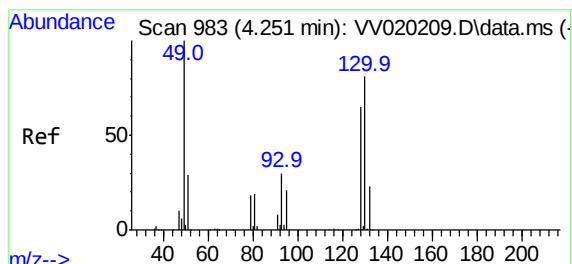
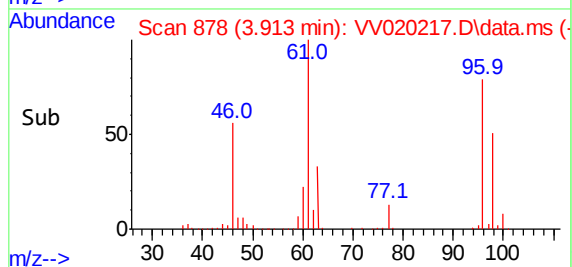
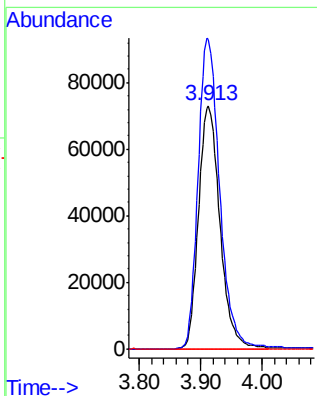
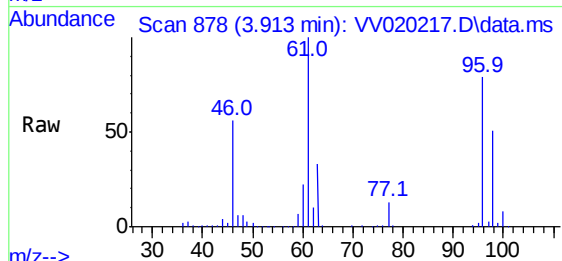




#22
 cis-1,2-Dichloroethene
 Concen: 4.88 ug/L
 RT: 3.913 min Scan# 878
 Delta R.T. 0.000 min
 Lab File: VV020217.D
 Acq: 29 Jan 2021 09:13

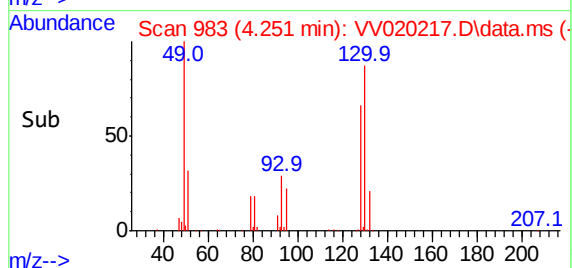
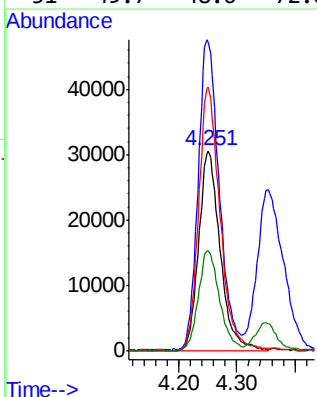
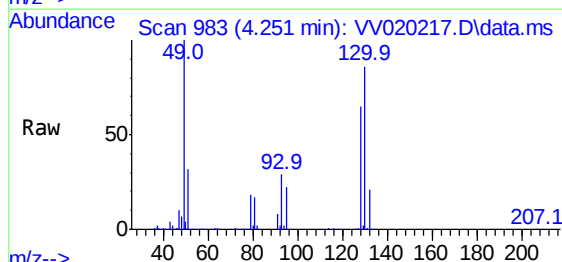
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005703

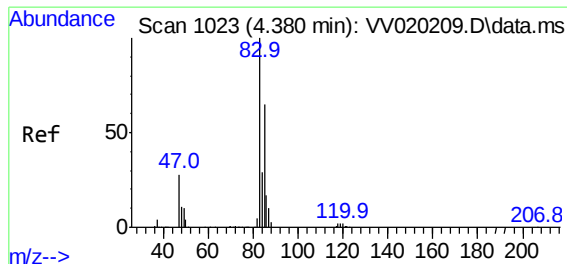
Tgt Ion: 96 Resp: 176195
 Ion Ratio Lower Upper
 96 100
 61 127.4 98.1 182.3
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 4.98 ug/L
 RT: 4.251 min Scan# 983
 Delta R.T. 0.000 min
 Lab File: VV020217.D
 Acq: 29 Jan 2021 09:13

Tgt Ion:128 Resp: 78260
 Ion Ratio Lower Upper
 128 100
 49 154.1 132.6 246.2
 130 131.8 86.4 160.4
 51 49.7 48.0 72.0

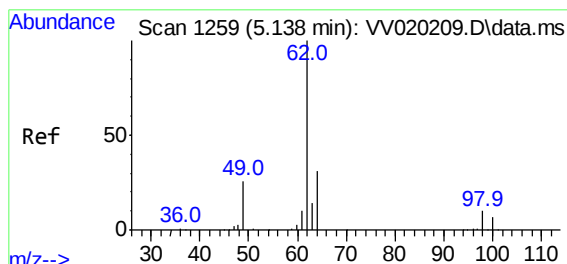
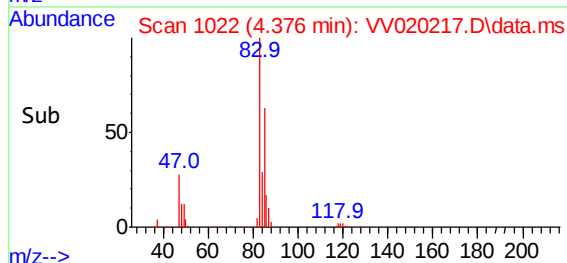
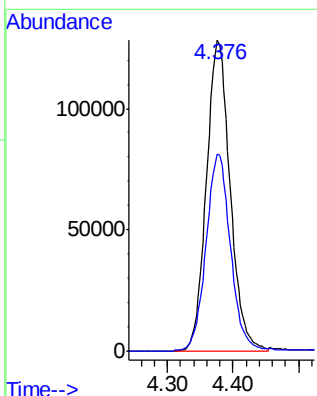
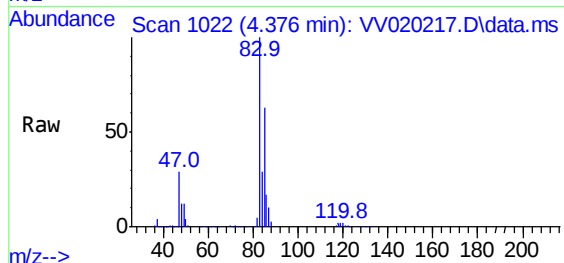




#25
Chloroform
Concen: 4.96 ug/L
RT: 4.376 min Scan# 1022
Delta R.T. -0.003 min
Lab File: VV020217.D
Acq: 29 Jan 2021 09:13

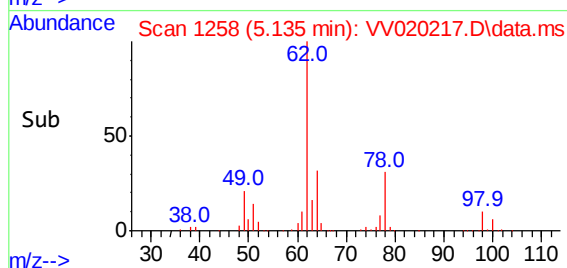
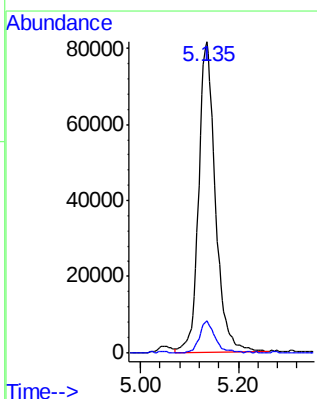
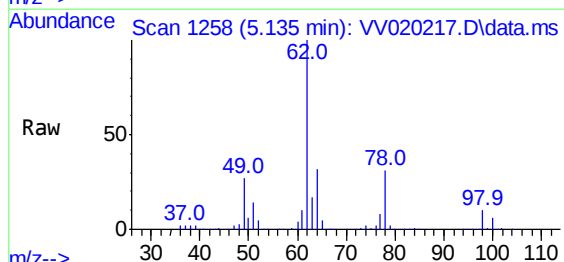
Instrument :
MSVOA_V
ClientSampleId :
VSTD005703

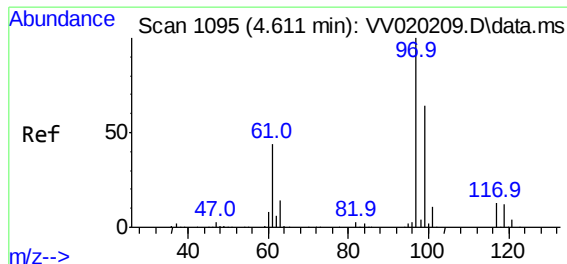
Tgt Ion: 83 Resp: 321763
Ion Ratio Lower Upper
83 100
85 63.5 46.4 86.2



#27
1,2-Dichloroethane
Concen: 4.96 ug/L
RT: 5.135 min Scan# 1258
Delta R.T. -0.003 min
Lab File: VV020217.D
Acq: 29 Jan 2021 09:13

Tgt Ion: 62 Resp: 191852
Ion Ratio Lower Upper
62 100
98 10.0 7.6 11.4

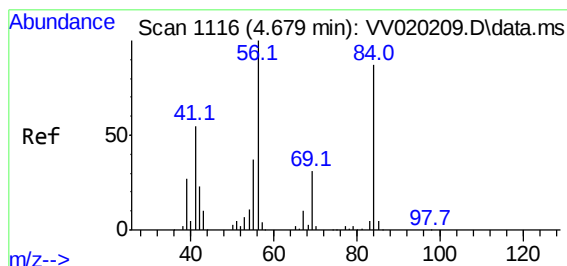
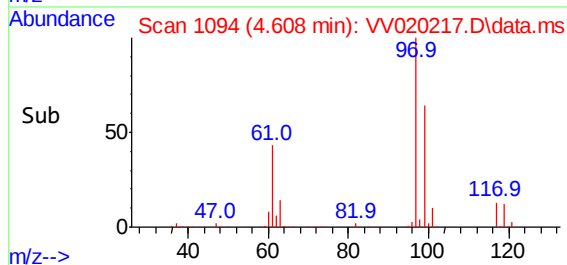
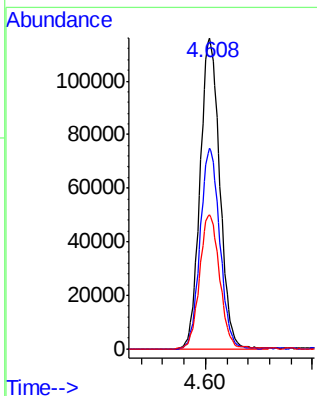
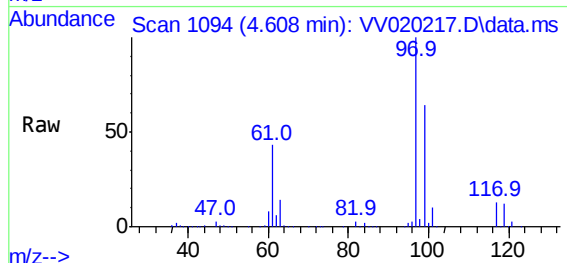




#29
1,1,1-Trichloroethane
Concen: 5.15 ug/L
RT: 4.608 min Scan# 1094
Delta R.T. -0.003 min
Lab File: VV020217.D
Acq: 29 Jan 2021 09:13

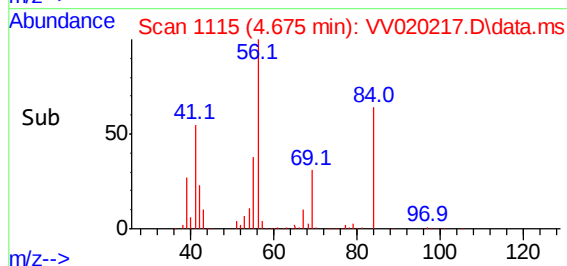
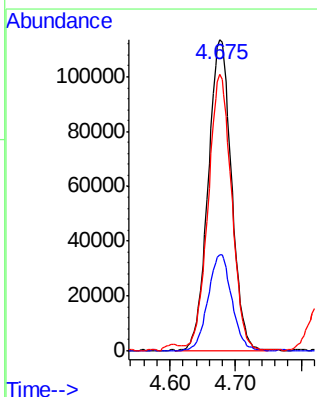
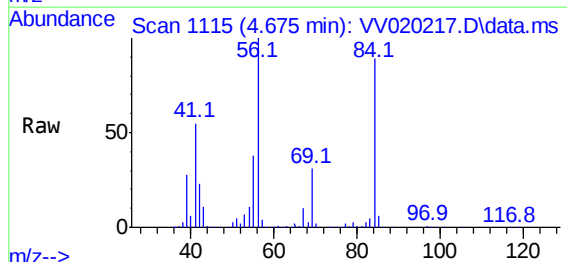
Instrument :
MSVOA_V
ClientSampleId :
VSTD005703

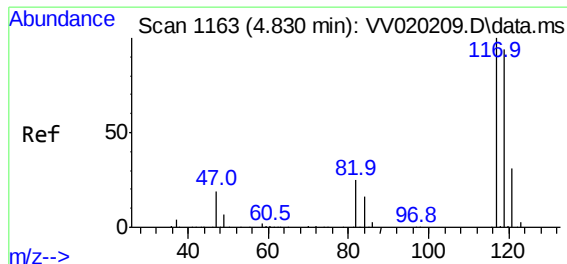
Tgt Ion: 97 Resp: 292308
Ion Ratio Lower Upper
97 100
99 64.3 51.1 76.7
61 43.7 38.6 57.8



#30
Cyclohexane
Concen: 5.18 ug/L
RT: 4.675 min Scan# 1115
Delta R.T. -0.003 min
Lab File: VV020217.D
Acq: 29 Jan 2021 09:13

Tgt Ion: 56 Resp: 280795
Ion Ratio Lower Upper
56 100
69 31.2 24.1 36.1
84 89.5 66.8 100.2

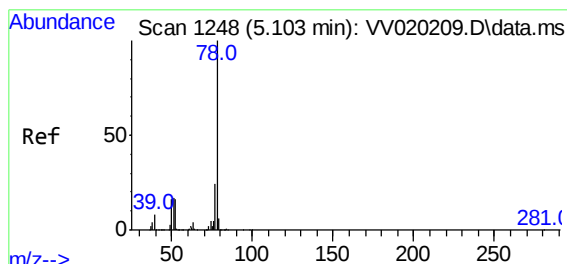
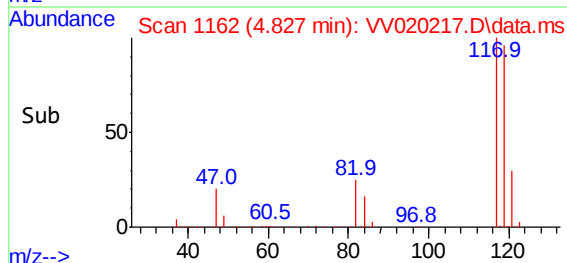
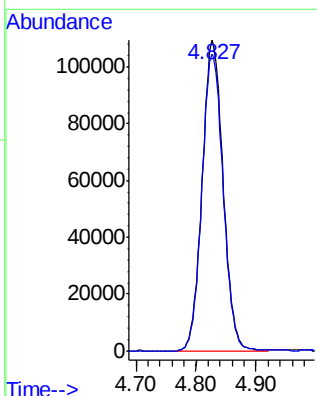
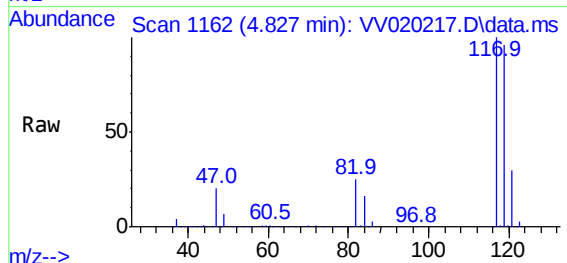




#31
Carbon tetrachloride
Concen: 5.21 ug/L
RT: 4.827 min Scan# 1162
Delta R.T. -0.003 min
Lab File: VV020217.D
Acq: 29 Jan 2021 09:13

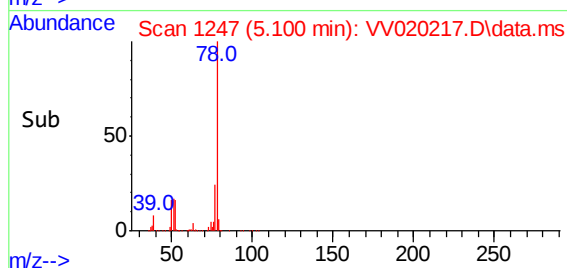
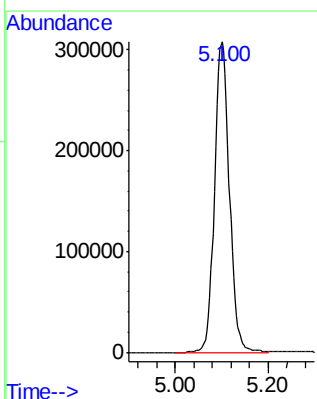
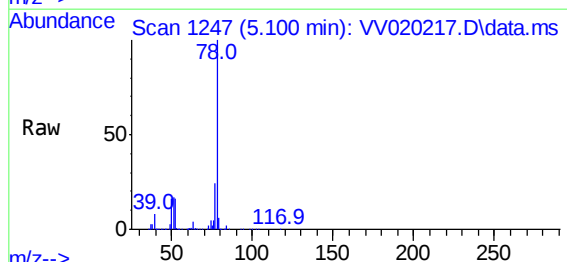
Instrument :
MSVOA_V
ClientSampleId :
VSTD005703

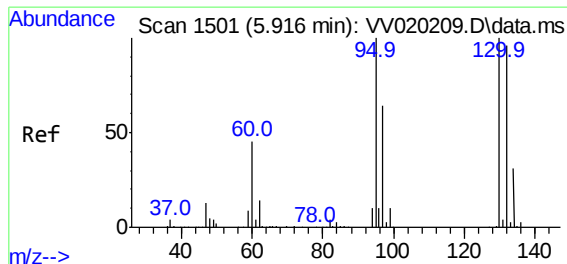
Tgt Ion:117 Resp: 259238
Ion Ratio Lower Upper
117 100
119 96.8 76.0 114.0



#33
Benzene
Concen: 5.11 ug/L
RT: 5.100 min Scan# 1247
Delta R.T. -0.003 min
Lab File: VV020217.D
Acq: 29 Jan 2021 09:13

Tgt Ion: 78 Resp: 684016

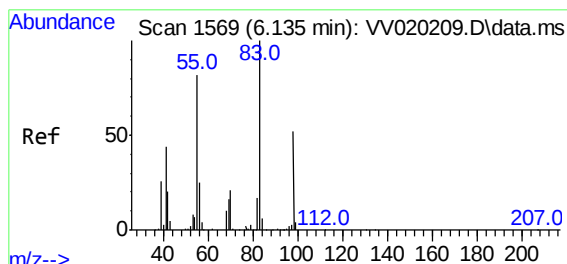
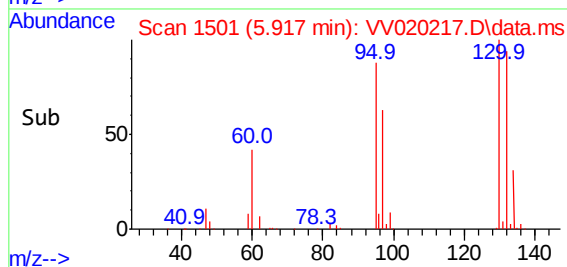
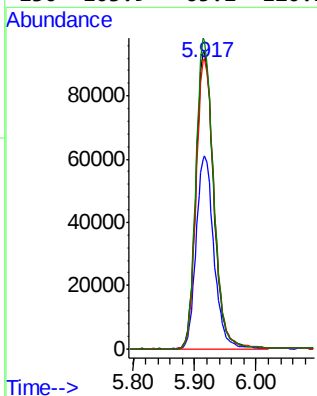
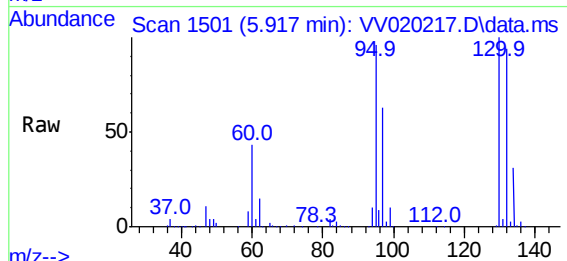




#34
Trichloroethene
Concen: 5.07 ug/L
RT: 5.917 min Scan# 1501
Delta R.T. 0.000 min
Lab File: VV020217.D
Acq: 29 Jan 2021 09:13

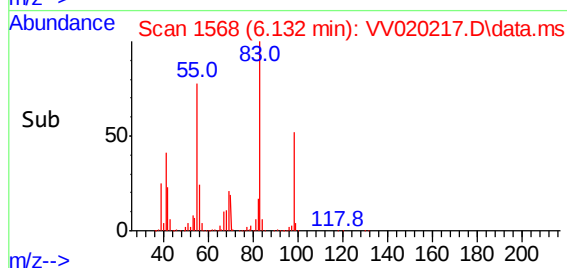
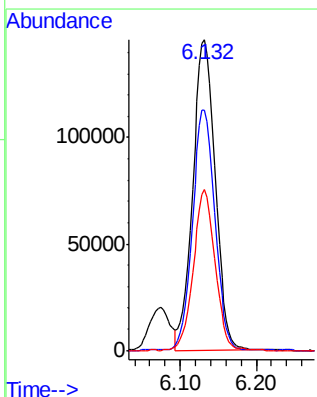
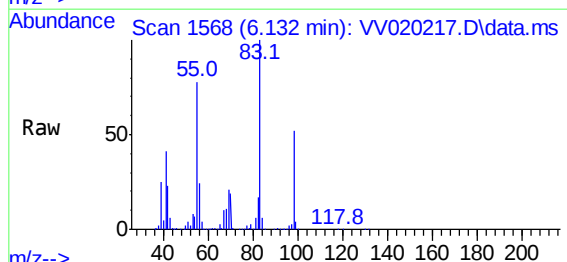
Instrument :
MSVOA_V
ClientSampleId :
VSTD005703

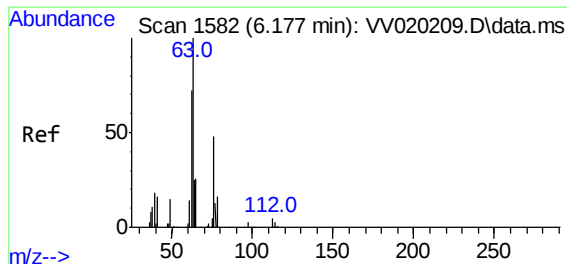
Tgt Ion: 95 Resp: 188170
Ion Ratio Lower Upper
95 100
97 65.1 44.1 81.9
132 97.9 61.2 113.8
130 103.9 65.1 120.9



#35
Methylcyclohexane
Concen: 5.34 ug/L
RT: 6.132 min Scan# 1568
Delta R.T. -0.003 min
Lab File: VV020217.D
Acq: 29 Jan 2021 09:13

Tgt Ion: 83 Resp: 299139
Ion Ratio Lower Upper
83 100
55 76.9 67.5 101.3
98 50.0 38.6 58.0

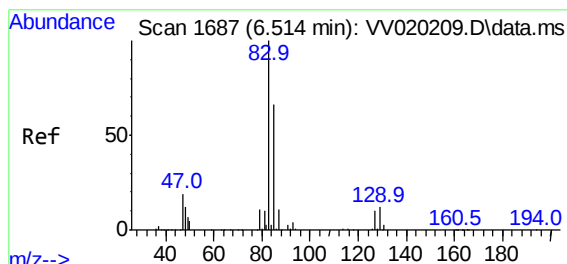
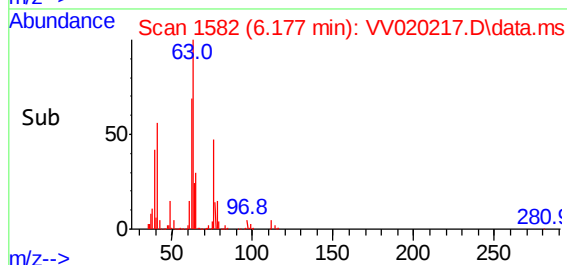
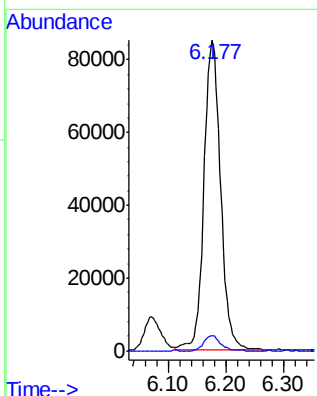
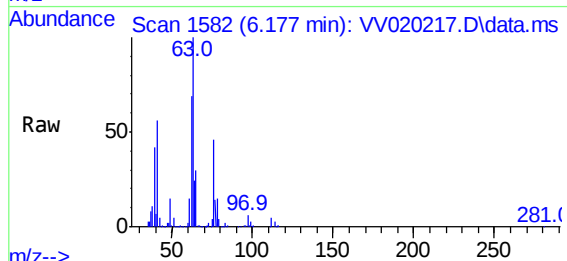




#37
1,2-Dichloropropane
Concen: 5.22 ug/L
RT: 6.177 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VV020217.D
Acq: 29 Jan 2021 09:13

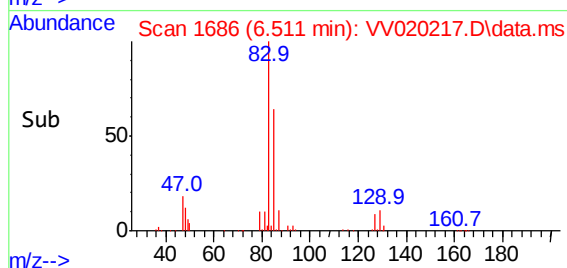
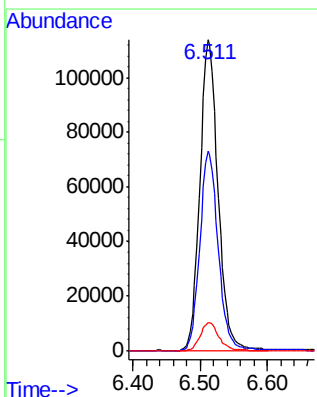
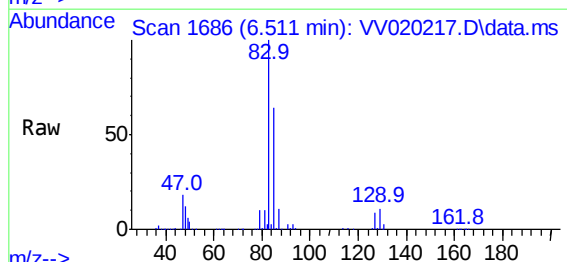
Instrument :
MSVOA_V
ClientSampleId :
VSTD005703

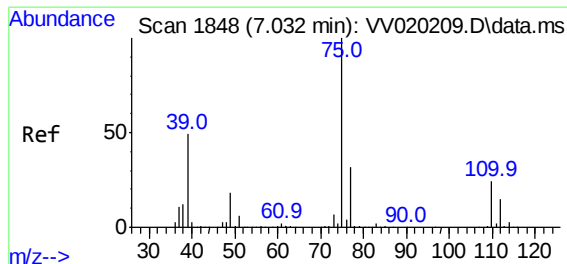
Tgt Ion: 63 Resp: 169216
Ion Ratio Lower Upper
63 100
112 4.8 3.6 5.4



#38
Bromodichloromethane
Concen: 5.03 ug/L
RT: 6.511 min Scan# 1686
Delta R.T. -0.003 min
Lab File: VV020217.D
Acq: 29 Jan 2021 09:13

Tgt Ion: 83 Resp: 214008
Ion Ratio Lower Upper
83 100
85 64.0 45.9 85.3
127 8.8 6.2 9.2

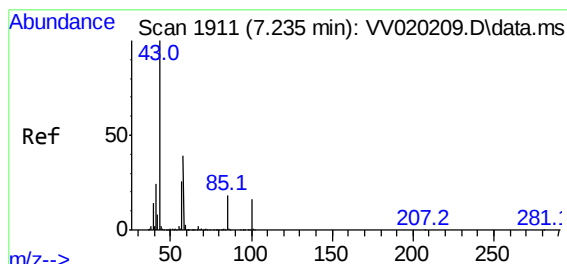
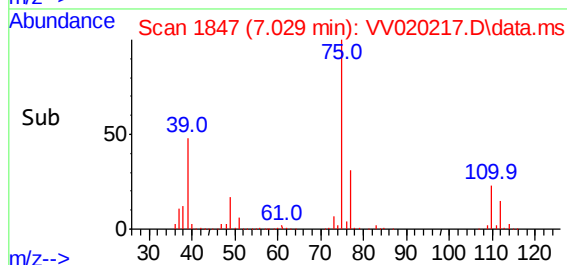
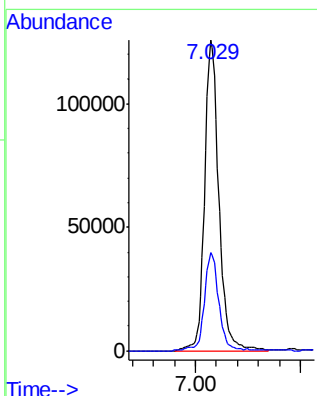
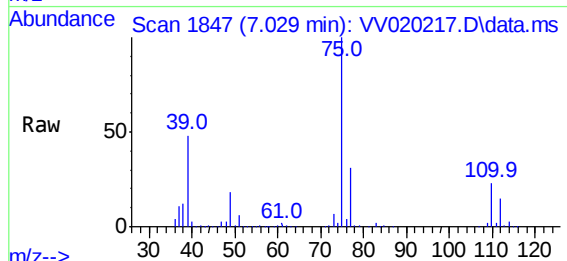




#39
cis-1,3-Dichloropropene
Concen: 5.19 ug/L
RT: 7.029 min Scan# 1847
Delta R.T. -0.003 min
Lab File: VV020217.D
Acq: 29 Jan 2021 09:13

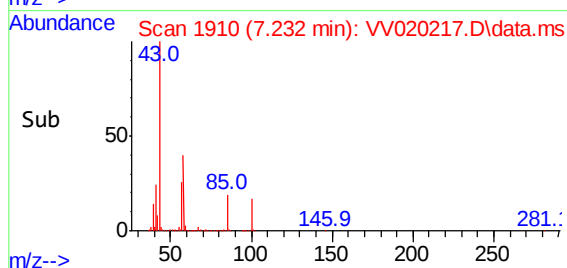
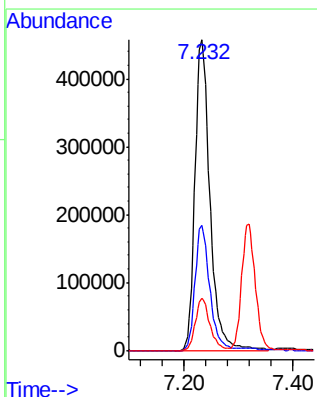
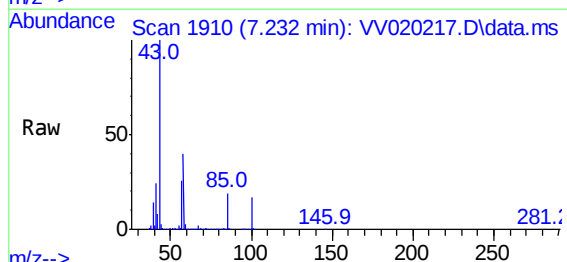
Instrument :
MSVOA_V
ClientSampleId :
VSTD005703

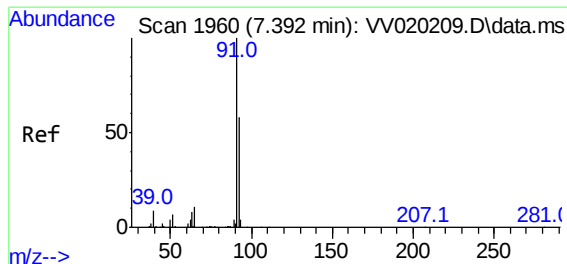
Tgt Ion: 75 Resp: 234726
Ion Ratio Lower Upper
75 100
77 31.5 21.0 39.0



#40
4-Methyl-2-pentanone
Concen: 48.22 ug/L
RT: 7.232 min Scan# 1910
Delta R.T. -0.003 min
Lab File: VV020217.D
Acq: 29 Jan 2021 09:13

Tgt Ion: 43 Resp: 869141
Ion Ratio Lower Upper
43 100
58 39.4 30.0 45.0
100 16.3 11.4 17.0





#42

Toluene

Concen: 5.17 ug/L

RT: 7.389 min Scan# 1959

Delta R.T. -0.003 min

Lab File: VV020217.D

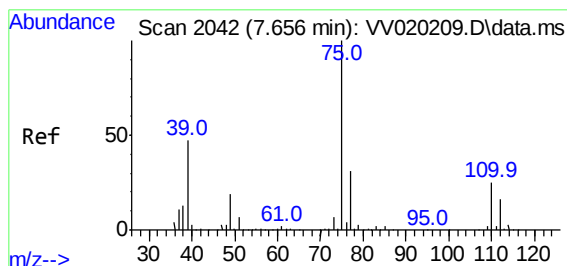
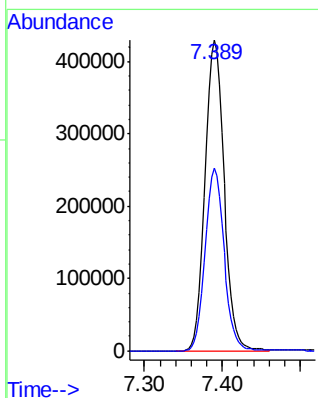
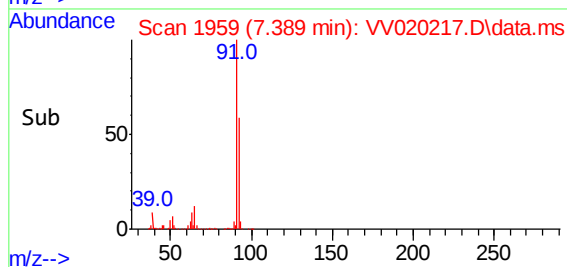
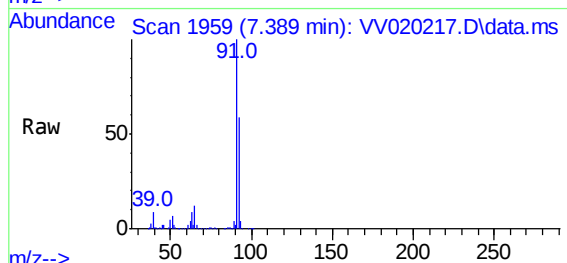
Acq: 29 Jan 2021 09:13

Tgt Ion: 91 Resp: 737419

Ion Ratio Lower Upper

91 100

92 58.6 40.9 76.0



#44

trans-1,3-Dichloropropene

Concen: 5.15 ug/L

RT: 7.653 min Scan# 2041

Delta R.T. -0.003 min

Lab File: VV020217.D

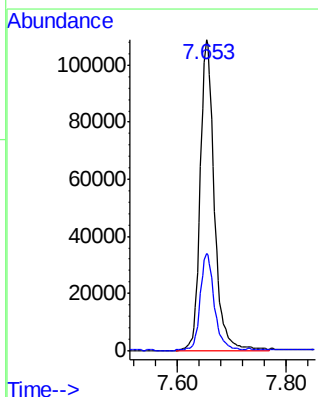
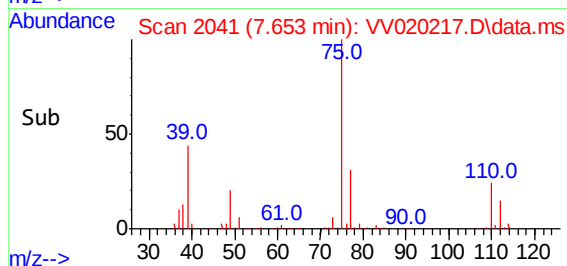
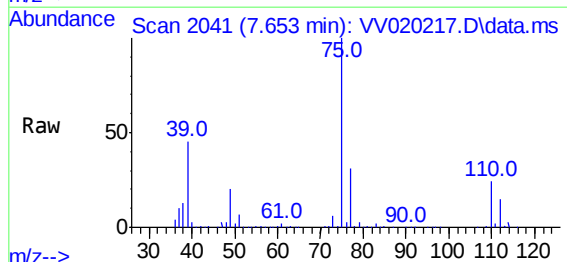
Acq: 29 Jan 2021 09:13

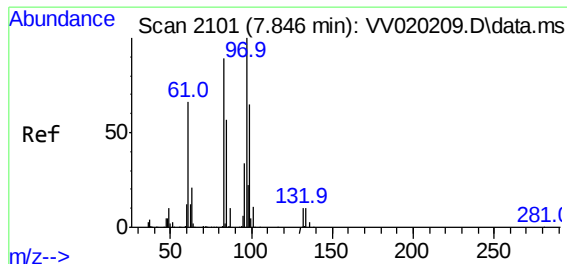
Tgt Ion: 75 Resp: 195210

Ion Ratio Lower Upper

75 100

77 31.4 21.1 39.3



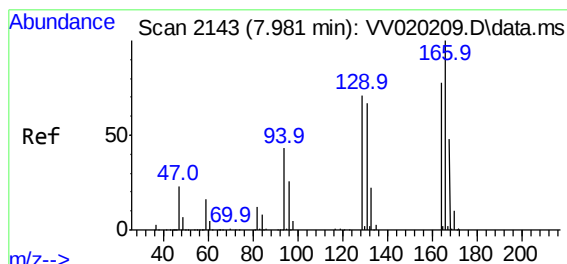
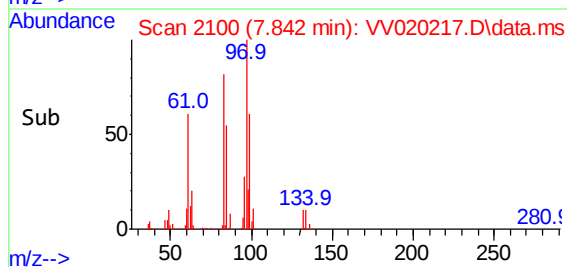
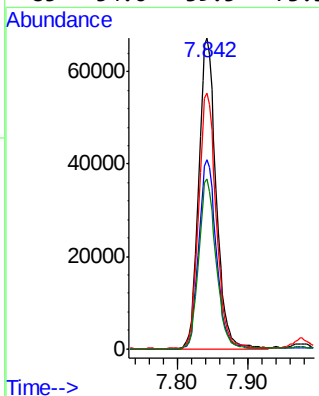
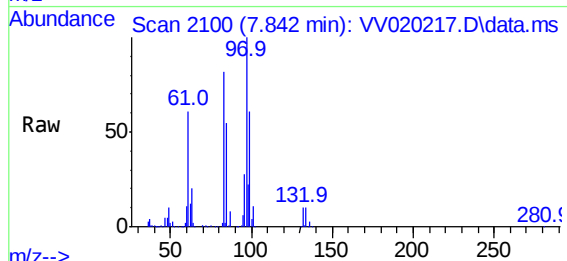


#45
1,1,2-Trichloroethane
Concen: 5.09 ug/L
RT: 7.842 min Scan# 2100
Delta R.T. -0.003 min
Lab File: VV020217.D
Acq: 29 Jan 2021 09:13

Instrument :
MSVOA_V
ClientSampleId :
VSTD005703

Tgt Ion: 97 Resp: 115382

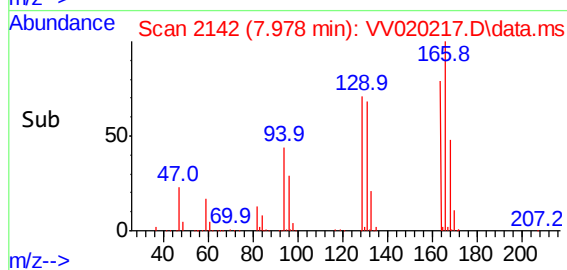
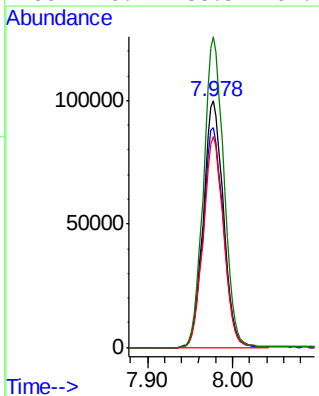
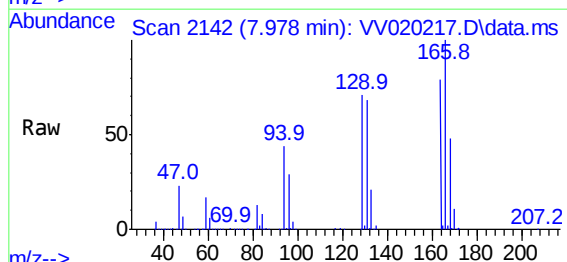
Ion	Ratio	Lower	Upper
97	100		
99	61.0	42.4	78.8
83	82.2	59.4	110.4
85	54.6	39.5	73.3

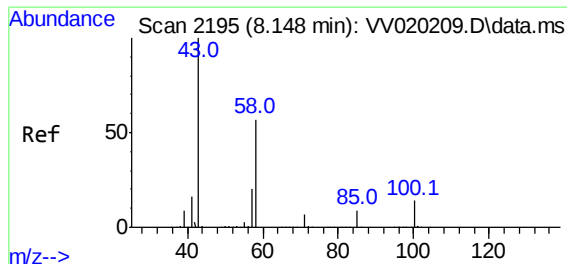


#47
Tetrachloroethene
Concen: 5.15 ug/L
RT: 7.978 min Scan# 2142
Delta R.T. -0.003 min
Lab File: VV020217.D
Acq: 29 Jan 2021 09:13

Tgt Ion: 164 Resp: 163508

Ion	Ratio	Lower	Upper
164	100		
129	89.1	72.1	133.9
131	85.8	68.9	127.9
166	126.1	88.5	164.4



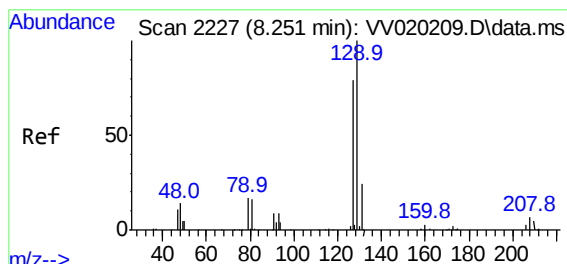
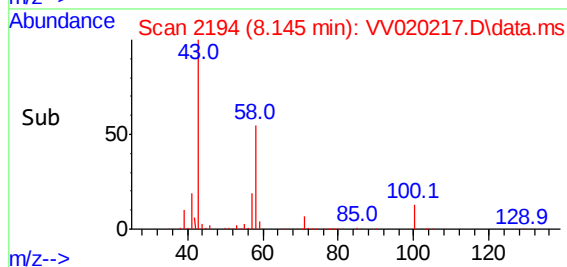
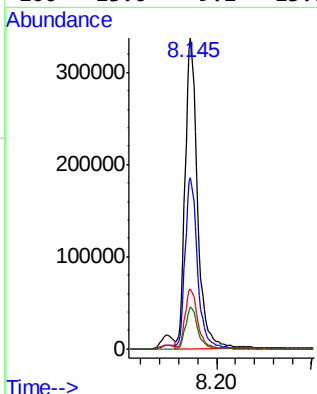
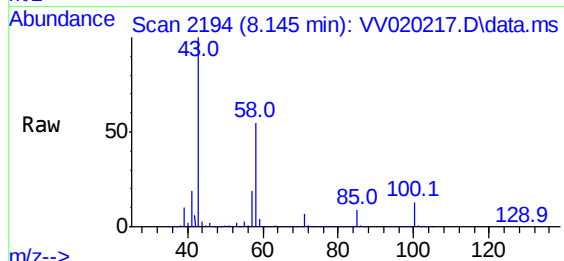


#48
2-Hexanone
Concen: 48.66 ug/L
RT: 8.145 min Scan# 2194
Delta R.T. -0.003 min
Lab File: VV020217.D
Acq: 29 Jan 2021 09:13

Instrument :
MSVOA_V
ClientSampleId :
VSTD005703

Tgt Ion: 43 Resp: 609637

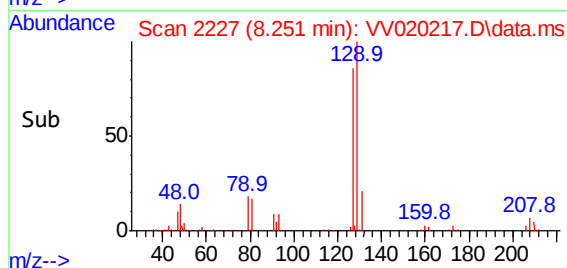
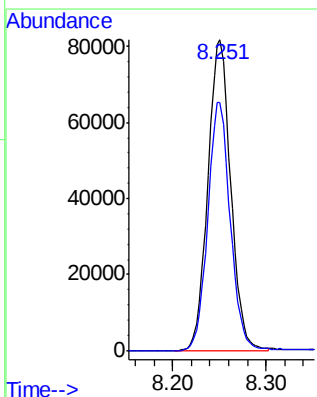
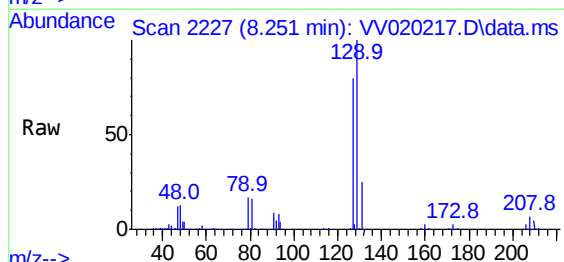
Ion	Ratio	Lower	Upper
43	100		
58	55.2	42.4	63.6
57	19.2	14.8	22.2
100	13.0	9.1	13.7

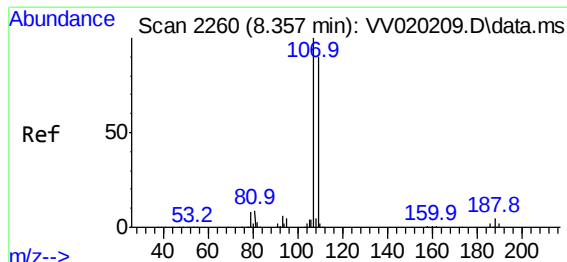


#49
Dibromochloromethane
Concen: 5.13 ug/L
RT: 8.251 min Scan# 2227
Delta R.T. 0.000 min
Lab File: VV020217.D
Acq: 29 Jan 2021 09:13

Tgt Ion: 129 Resp: 139117

Ion	Ratio	Lower	Upper
129	100		
127	79.9	55.0	102.2

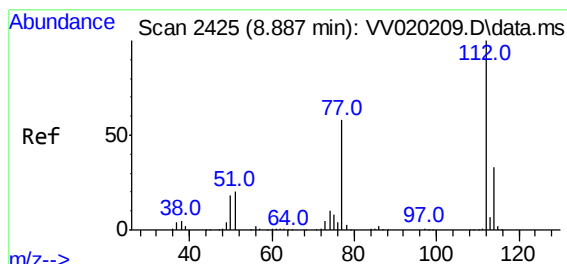
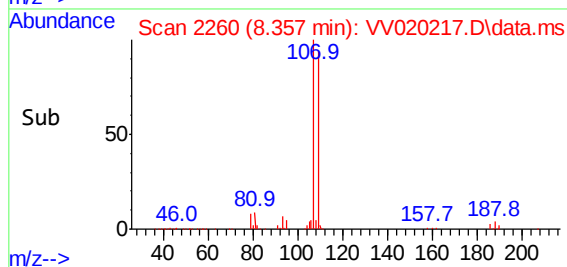
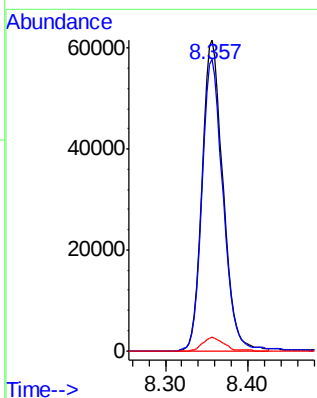
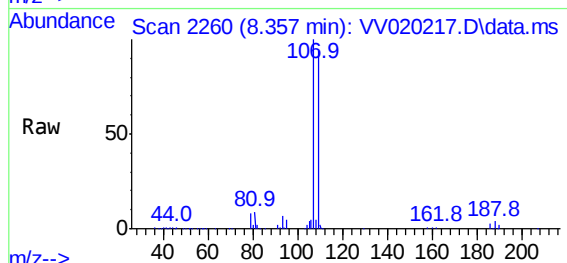




#50
1,2-Dibromoethane
Concen: 4.99 ug/L
RT: 8.357 min Scan# 2260
Delta R.T. 0.000 min
Lab File: VV020217.D
Acq: 29 Jan 2021 09:13

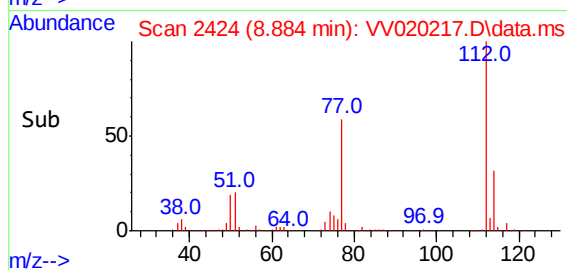
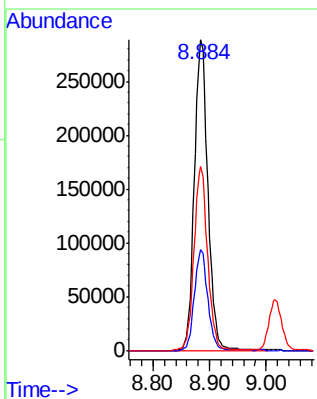
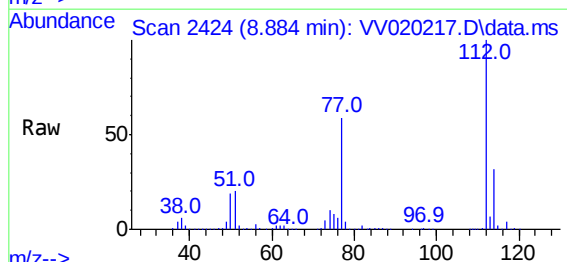
Instrument :
MSVOA_V
ClientSampleId :
VSTD005703

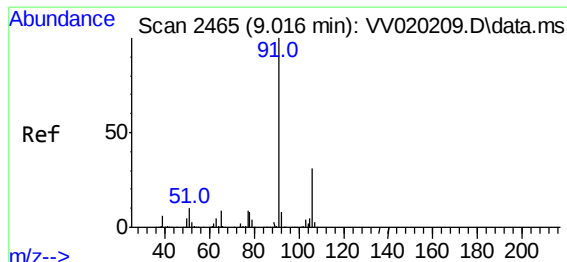
Tgt Ion:107 Resp: 108384
Ion Ratio Lower Upper
107 100
109 93.6 63.8 118.4
188 4.3 2.5 3.7#



#51
Chlorobenzene
Concen: 5.08 ug/L
RT: 8.884 min Scan# 2424
Delta R.T. -0.003 min
Lab File: VV020217.D
Acq: 29 Jan 2021 09:13

Tgt Ion:112 Resp: 477328
Ion Ratio Lower Upper
112 100
114 32.3 21.8 40.6
77 59.2 51.0 76.4

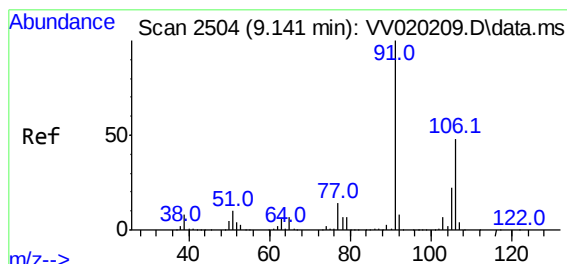
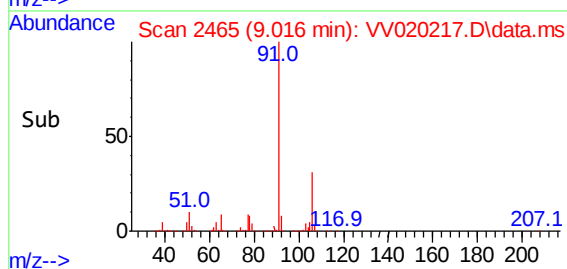
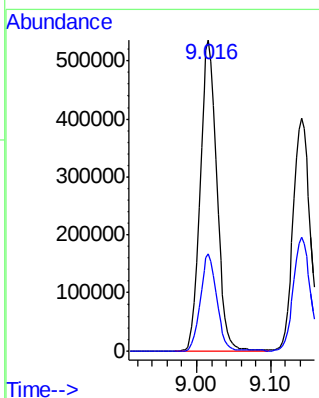
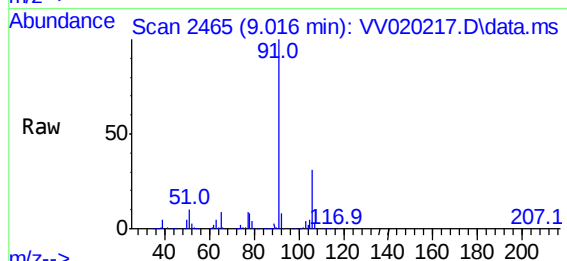




#52
Ethylbenzene
Concen: 5.22 ug/L
RT: 9.016 min Scan# 2465
Delta R.T. 0.000 min
Lab File: VV020217.D
Acq: 29 Jan 2021 09:13

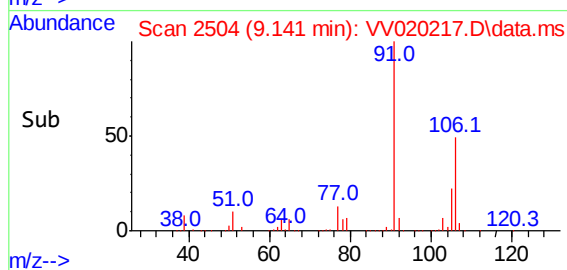
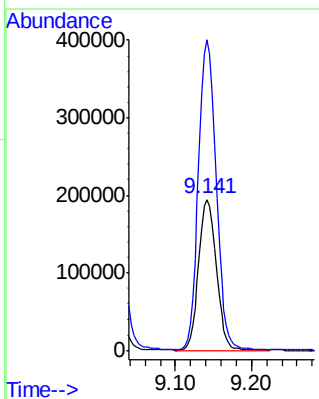
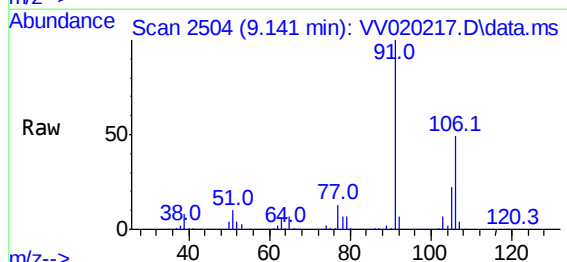
Instrument :
MSVOA_V
ClientSampleId :
VSTD005703

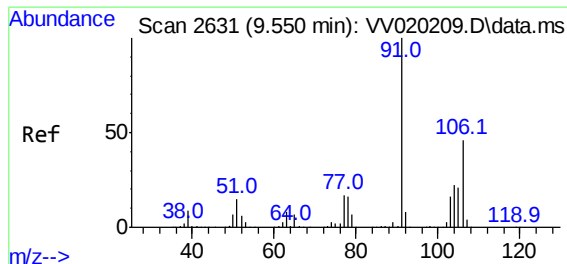
Tgt Ion: 91 Resp: 832652
Ion Ratio Lower Upper
91 100
106 31.0 20.9 38.7



#53
m,p-xylene
Concen: 5.23 ug/L
RT: 9.141 min Scan# 2504
Delta R.T. 0.000 min
Lab File: VV020217.D
Acq: 29 Jan 2021 09:13

Tgt Ion: 106 Resp: 311601
Ion Ratio Lower Upper
106 100
91 205.4 147.1 273.1

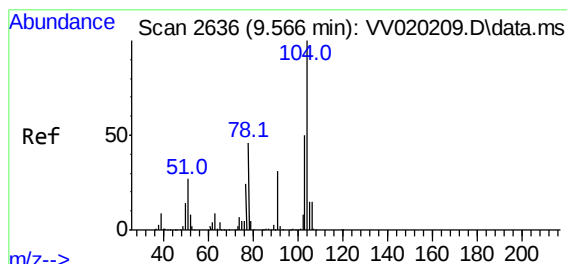
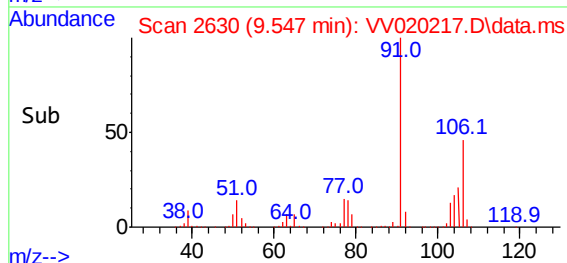
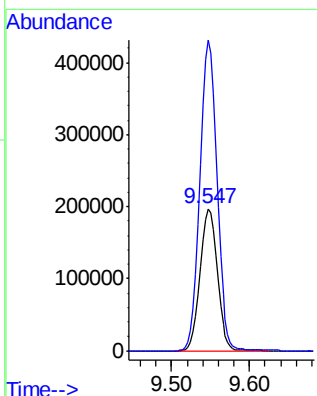
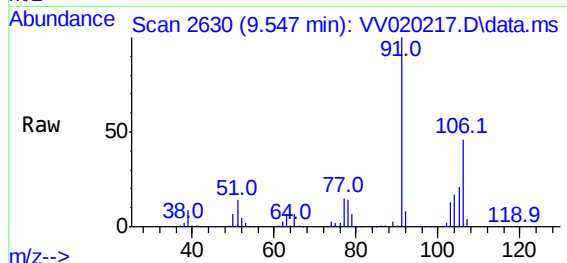




#54
o-xylene
Concen: 5.23 ug/L
RT: 9.547 min Scan# 2630
Delta R.T. -0.003 min
Lab File: VV020217.D
Acq: 29 Jan 2021 09:13

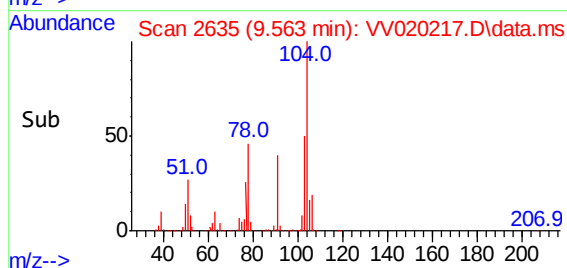
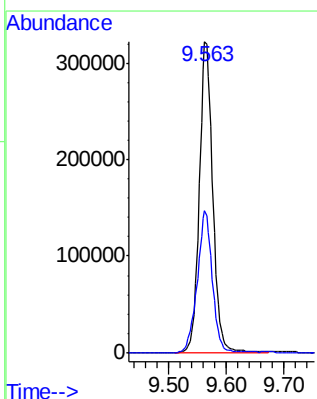
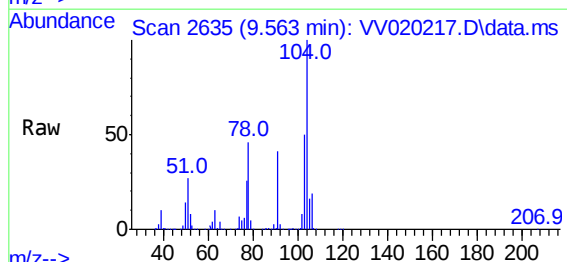
Instrument :
MSVOA_V
ClientSampleId :
VSTD005703

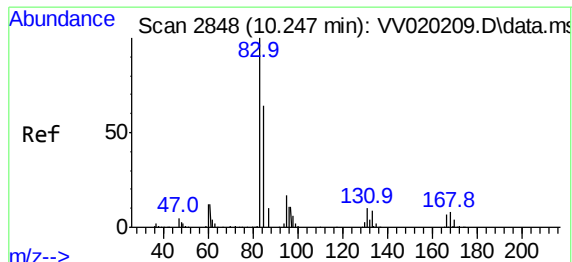
Tgt Ion:106 Resp: 301069
Ion Ratio Lower Upper
106 100
91 218.8 155.8 289.3



#55
Styrene
Concen: 5.33 ug/L
RT: 9.563 min Scan# 2635
Delta R.T. -0.003 min
Lab File: VV020217.D
Acq: 29 Jan 2021 09:13

Tgt Ion:104 Resp: 520511
Ion Ratio Lower Upper
104 100
78 45.5 33.7 62.7

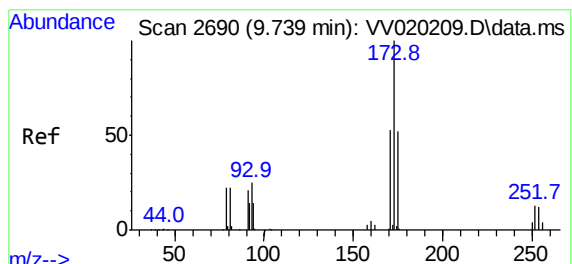
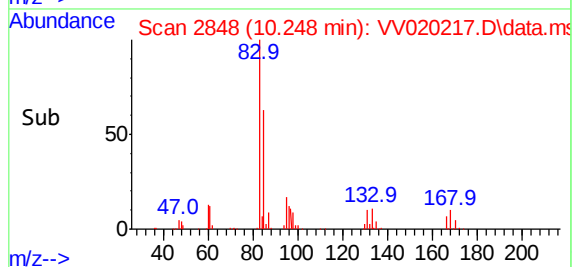
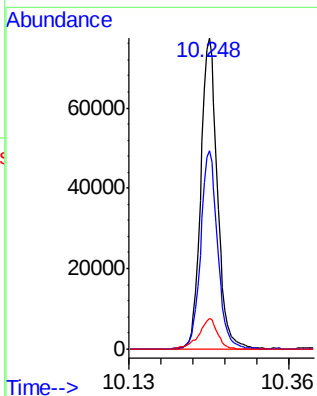
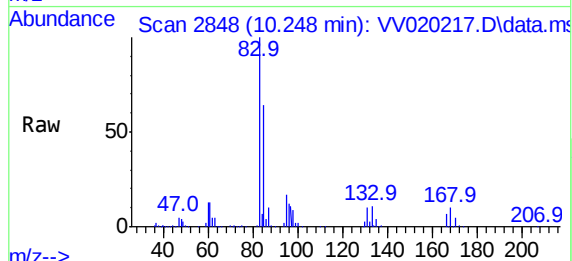




#57
1,1,2,2-Tetrachloroethane
Concen: 5.16 ug/L
RT: 10.248 min Scan# 2848
Delta R.T. 0.000 min
Lab File: VV020217.D
Acq: 29 Jan 2021 09:13

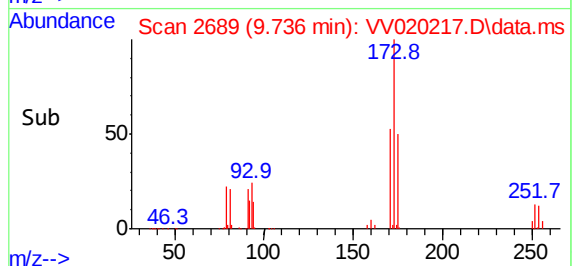
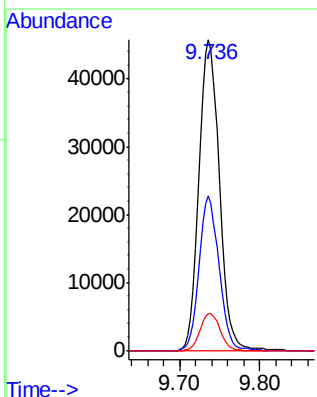
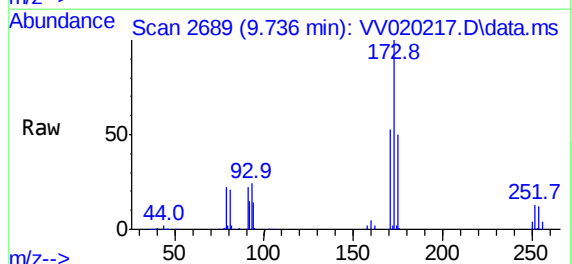
Instrument :
MSVOA_V
ClientSampleId :
VSTD005703

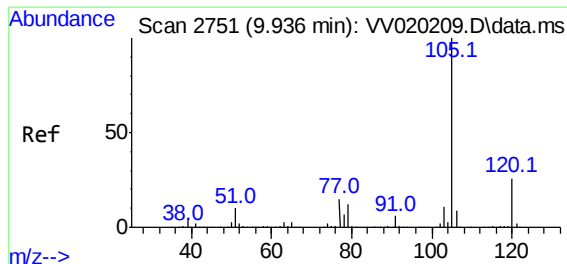
Tgt Ion: 83 Resp: 125073
Ion Ratio Lower Upper
83 100
85 63.8 44.3 82.3
131 9.7 7.4 11.2



#59
Bromoform
Concen: 5.20 ug/L
RT: 9.736 min Scan# 2689
Delta R.T. -0.003 min
Lab File: VV020217.D
Acq: 29 Jan 2021 09:13

Tgt Ion: 173 Resp: 77977
Ion Ratio Lower Upper
173 100
175 48.2 38.3 57.5
254 11.4 6.4 9.6#

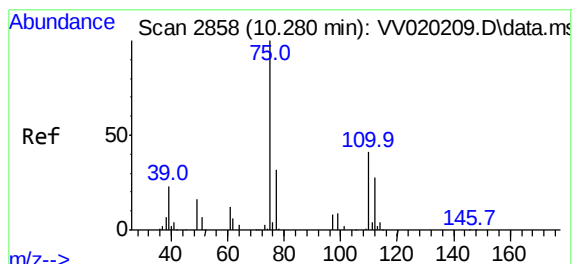
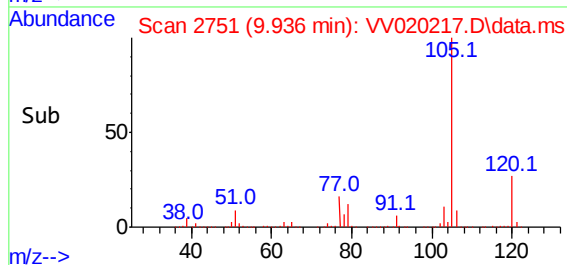
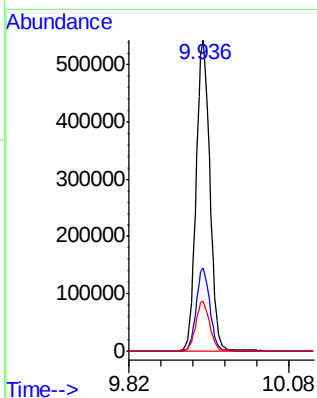
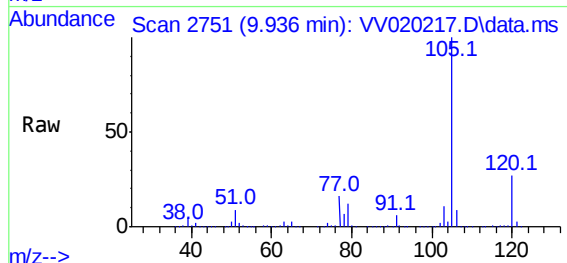




#60
Isopropylbenzene
Concen: 5.42 ug/L
RT: 9.936 min Scan# 2751
Delta R.T. 0.000 min
Lab File: VV020217.D
Acq: 29 Jan 2021 09:13

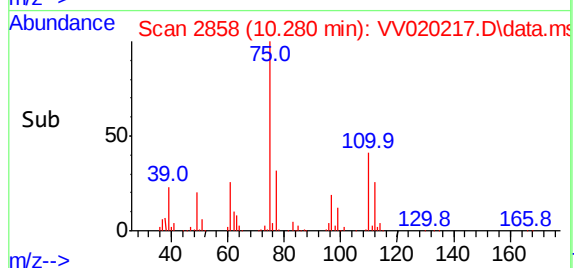
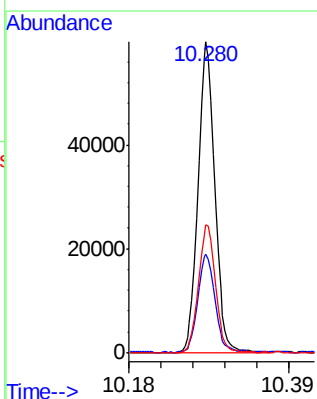
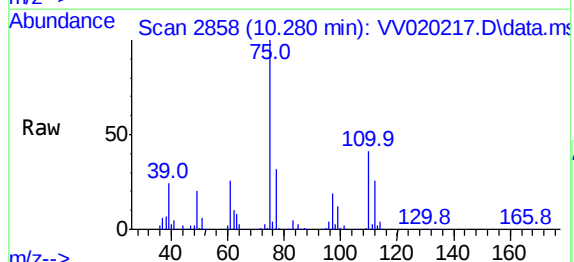
Instrument :
MSVOA_V
ClientSampleId :
VSTD005703

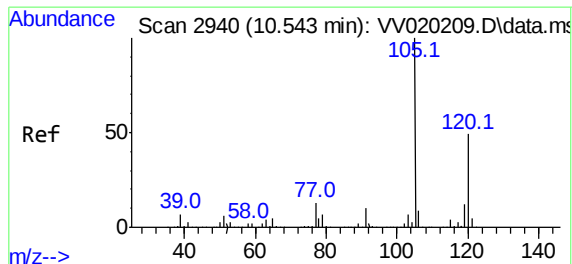
Tgt Ion:105 Resp: 832868
Ion Ratio Lower Upper
105 100
120 26.3 20.4 30.6
77 16.1 13.7 20.5



#61
1,2,3-Trichloropropane
Concen: 5.24 ug/L
RT: 10.280 min Scan# 2858
Delta R.T. 0.000 min
Lab File: VV020217.D
Acq: 29 Jan 2021 09:13

Tgt Ion: 75 Resp: 94388
Ion Ratio Lower Upper
75 100
77 32.2 25.6 38.4
110 41.6 30.5 45.7

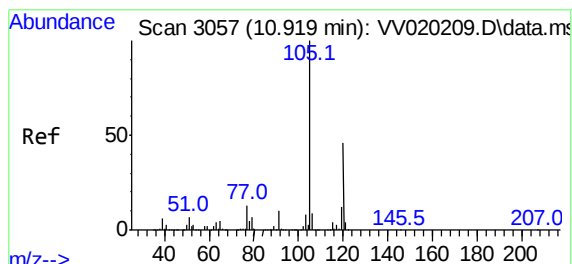
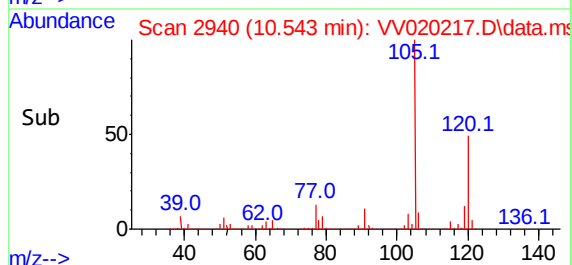
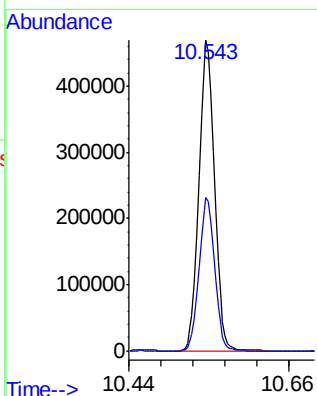
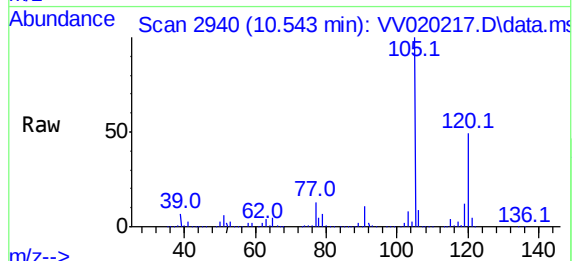




#62
1,3,5-Trimethylbenzene
Concen: 5.41 ug/L
RT: 10.543 min Scan# 2940
Delta R.T. 0.000 min
Lab File: VV020217.D
Acq: 29 Jan 2021 09:13

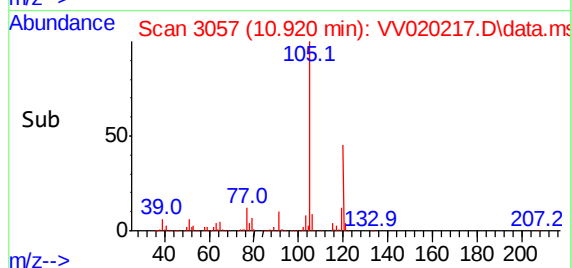
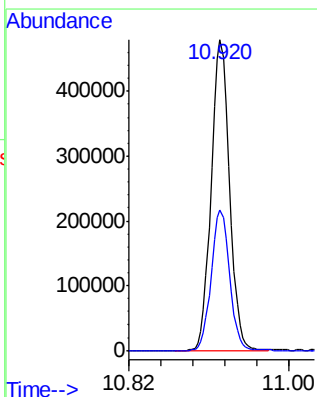
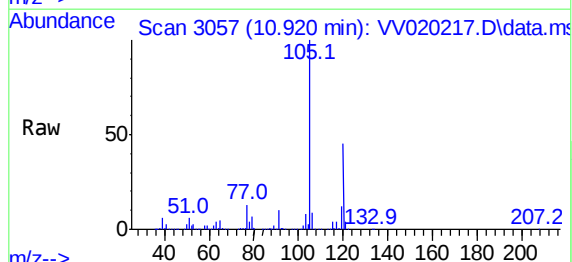
Instrument :
MSVOA_V
ClientSampleId :
VSTD005703

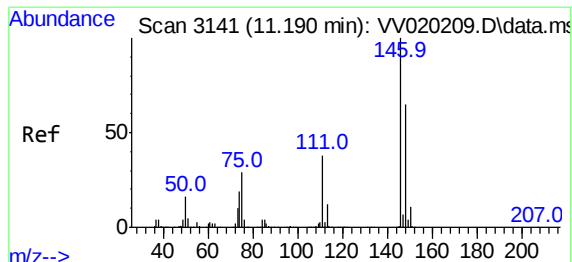
Tgt Ion:105 Resp: 687491
Ion Ratio Lower Upper
105 100
120 49.4 37.8 56.6



#63
1,2,4-Trimethylbenzene
Concen: 5.32 ug/L
RT: 10.920 min Scan# 3057
Delta R.T. 0.000 min
Lab File: VV020217.D
Acq: 29 Jan 2021 09:13

Tgt Ion:105 Resp: 693565
Ion Ratio Lower Upper
105 100
120 45.6 34.9 52.3

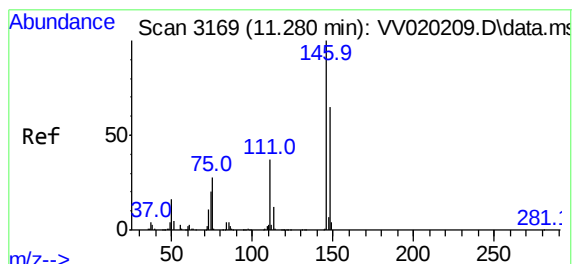
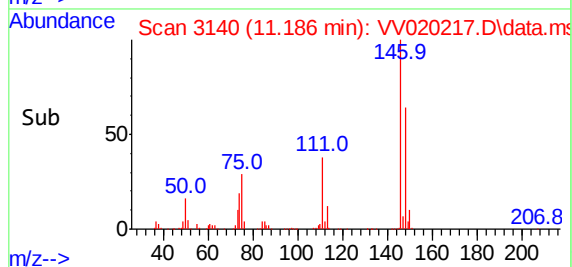
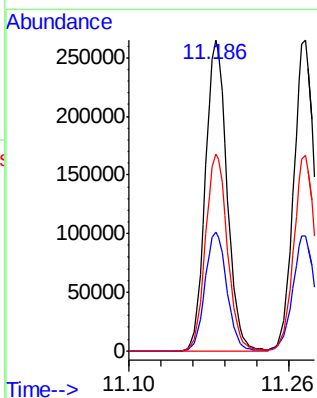
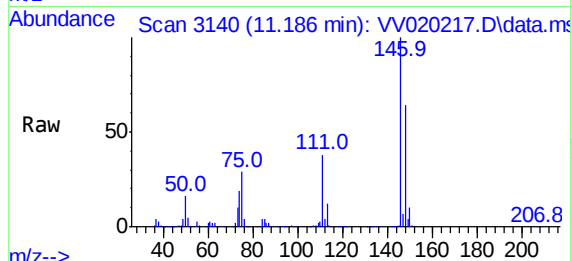




#64
1,3-Dichlorobenzene
Concen: 5.12 ug/L
RT: 11.186 min Scan# 3140
Delta R.T. -0.003 min
Lab File: VV020217.D
Acq: 29 Jan 2021 09:13

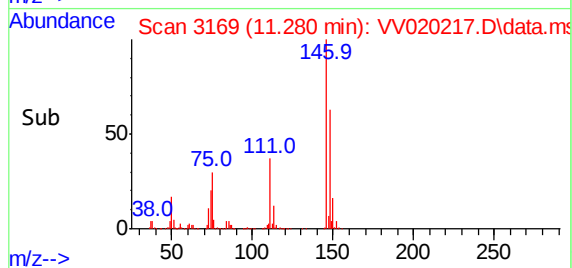
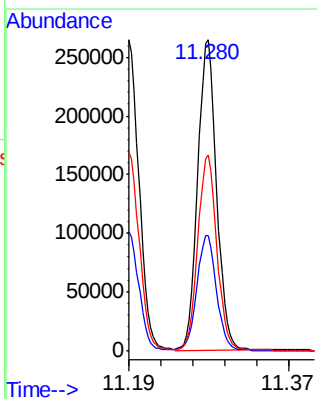
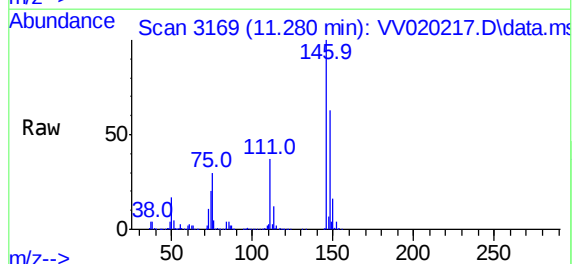
Instrument :
MSVOA_V
ClientSampleId :
VSTD005703

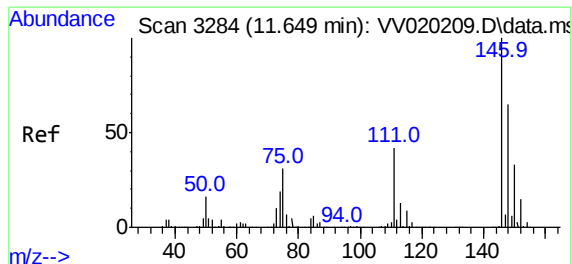
Tgt Ion:146 Resp: 410061
Ion Ratio Lower Upper
146 100
111 38.4 30.4 56.5
148 63.6 45.8 85.2



#65
1,4-Dichlorobenzene
Concen: 5.02 ug/L
RT: 11.280 min Scan# 3169
Delta R.T. 0.000 min
Lab File: VV020217.D
Acq: 29 Jan 2021 09:13

Tgt Ion:146 Resp: 406345
Ion Ratio Lower Upper
146 100
111 36.9 29.7 55.1
148 62.9 45.1 83.7

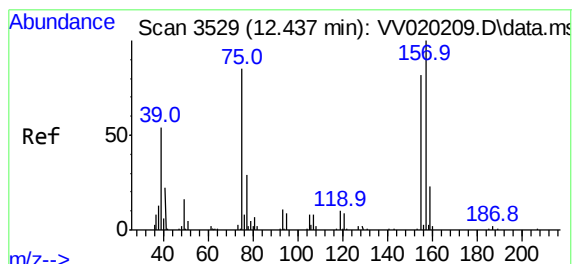
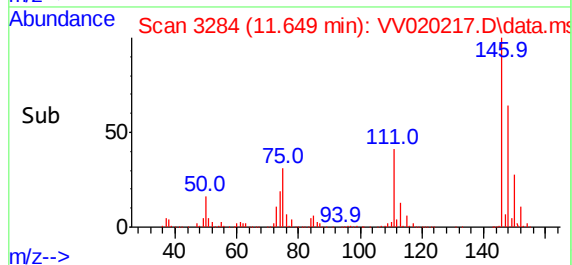
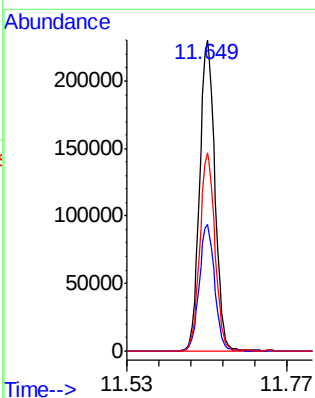
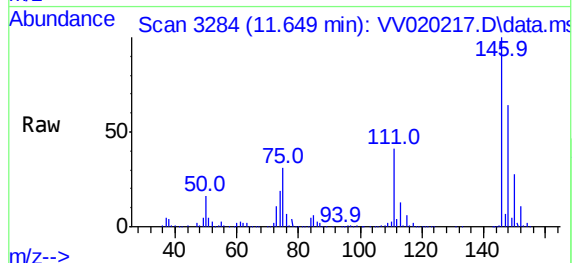




#67
1,2-Dichlorobenzene
Concen: 5.05 ug/L
RT: 11.649 min Scan# 3284
Delta R.T. 0.000 min
Lab File: VV020217.D
Acq: 29 Jan 2021 09:13

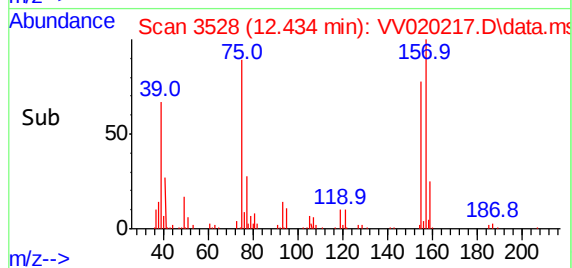
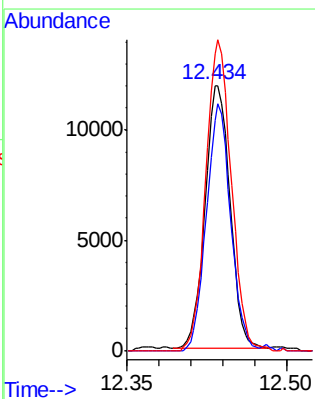
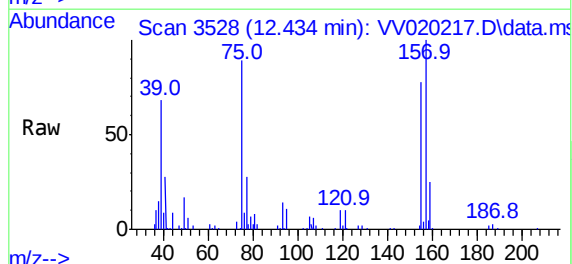
Instrument :
MSVOA_V
ClientSampleId :
VSTD005703

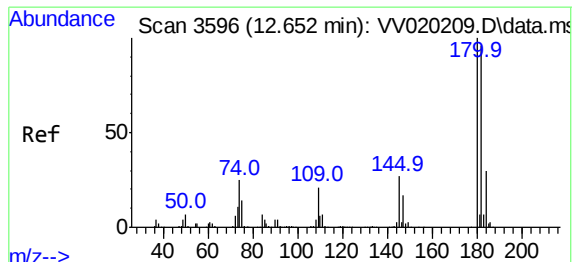
Tgt Ion:146 Resp: 366071
Ion Ratio Lower Upper
146 100
111 40.9 37.7 56.5
148 63.8 50.6 75.8



#68
1,2-Dibromo-3-chloropropane
Concen: 4.52 ug/L
RT: 12.434 min Scan# 3528
Delta R.T. -0.003 min
Lab File: VV020217.D
Acq: 29 Jan 2021 09:13

Tgt Ion: 75 Resp: 19200
Ion Ratio Lower Upper
75 100
155 87.0 56.5 84.7#
157 111.9 74.2 111.2#

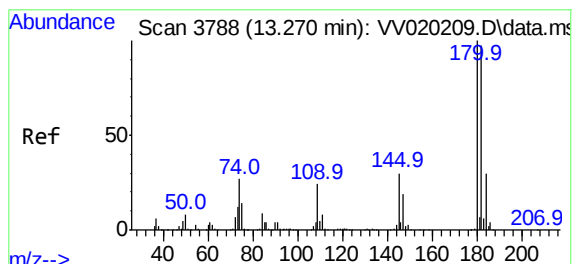
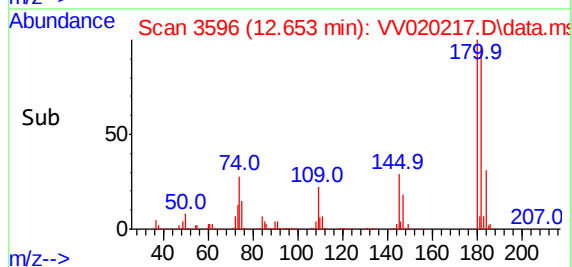
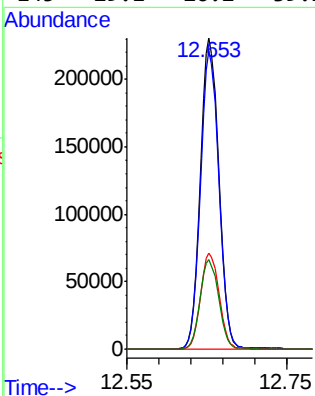
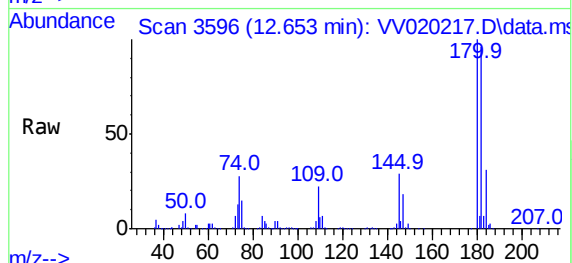




#69
1,3,5-Trichlorobenzene
Concen: 5.09 ug/L
RT: 12.653 min Scan# 3596
Delta R.T. 0.000 min
Lab File: VV020217.D
Acq: 29 Jan 2021 09:13

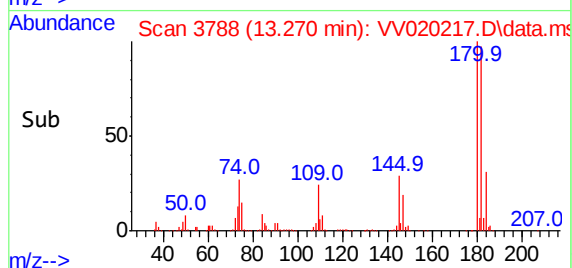
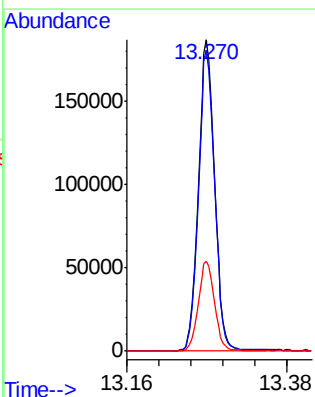
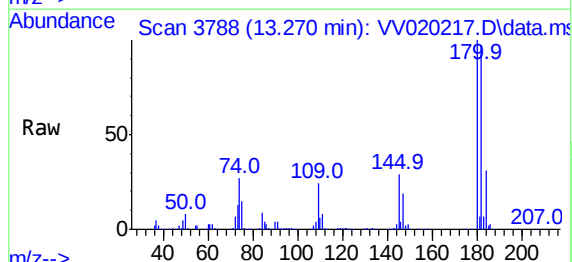
Instrument :
MSVOA_V
ClientSampleId :
VSTD005703

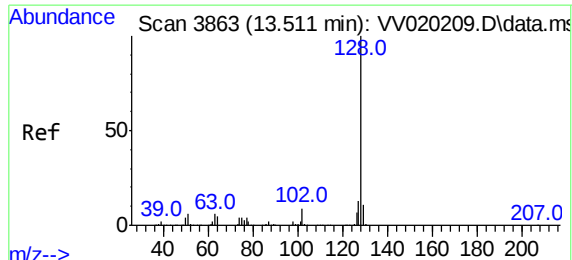
Tgt Ion:180 Resp: 351050
Ion Ratio Lower Upper
180 100
182 95.7 75.9 113.9
184 30.7 23.5 35.3
145 29.1 26.2 39.2



#70
1,2,4-trichlorobenzene
Concen: 5.02 ug/L
RT: 13.270 min Scan# 3788
Delta R.T. 0.000 min
Lab File: VV020217.D
Acq: 29 Jan 2021 09:13

Tgt Ion:180 Resp: 281064
Ion Ratio Lower Upper
180 100
182 97.0 75.9 113.9
145 28.5 26.6 39.8

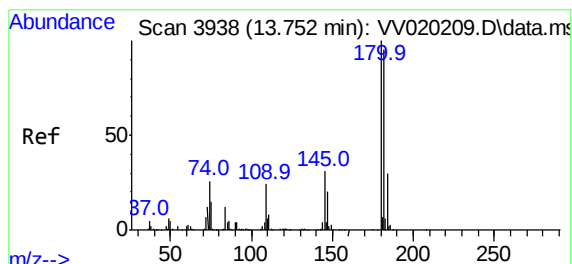
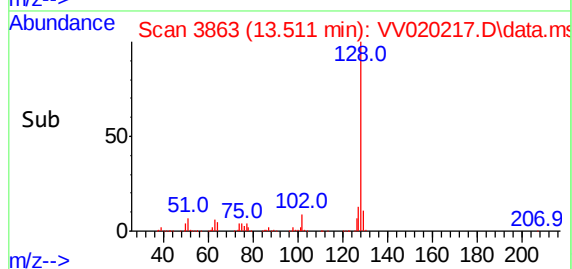
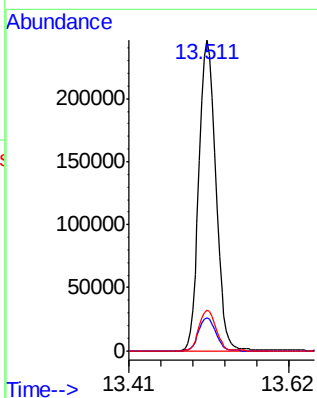
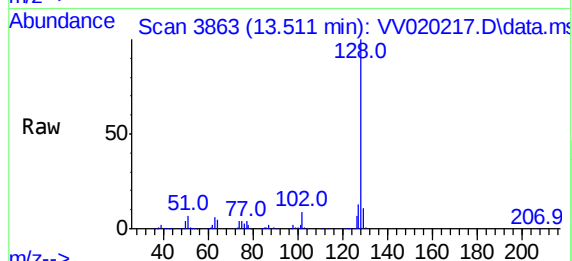




#71
Naphthalene
Concen: 4.95 ug/L
RT: 13.511 min Scan# 3863
Delta R.T. 0.000 min
Lab File: VV020217.D
Acq: 29 Jan 2021 09:13

Instrument :
MSVOA_V
ClientSampleId :
VSTD005703

Tgt Ion:128 Resp: 376820
Ion Ratio Lower Upper
128 100
129 10.9 8.5 12.7
127 13.2 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 4.98 ug/L
RT: 13.752 min Scan# 3938
Delta R.T. 0.000 min
Lab File: VV020217.D
Acq: 29 Jan 2021 09:13

Tgt Ion:180 Resp: 246826
Ion Ratio Lower Upper
180 100
182 94.7 74.6 112.0
145 30.2 28.8 43.2

