

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022321\Not Reviewed Data\
 Data File : VW018223.D
 Acq On : 23 Feb 2021 12:00
 Operator : SY/VA
 Sample : VSTD02501
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025101

Quant Time: Feb 23 19:01:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022321SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Feb 23 18:34:30 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	434527	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	402775	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	201417	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	124043	25.83	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 103.32%			
7) Chloroethane-d5	2.897	69	96913	25.76	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 103.04%			
11) 1,1-Dichloroethene-d2	4.025	63	243870	25.02	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 100.08%			
21) 2-Butanone-d5	7.073	46	59190	56.71	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 113.42%			
24) Chloroform-d	7.653	84	263633	24.99	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 99.96%			
26) 1,2-Dichloroethane-d4	8.305	65	135771	25.80	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.20%			
32) Benzene-d6	8.274	84	524856	25.02	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 100.08%			
36) 1,2-Dichloropropane-d6	9.274	67	145378	24.97	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 99.88%			
41) Toluene-d8	10.323	98	504815	25.13	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 100.52%			
43) trans-1,3-Dichloroprop...	10.579	79	67779	25.81	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 103.24%			
47) 2-Hexanone-d5	10.920	63	51960	56.29	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 112.58%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	125262	26.35	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 105.40%			
66) 1,2-Dichlorobenzene-d4	13.853	152	187264	25.41	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 101.64%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.013	85	115258	22.29	ug/L	99
3) Chloromethane	2.214	50	88730	22.38	ug/L	99
5) Vinyl chloride	2.367	62	133850	23.49	ug/L	96
6) Bromomethane	2.781	94	93241	23.59	ug/L	99
8) Chloroethane	2.928	64	76550	24.01	ug/L	98
9) Trichlorofluoromethane	3.263	101	100184	24.58	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	130174	23.41	ug/L	89
12) 1,1-Dichloroethene	4.050	96	124823	23.20	ug/L	94
13) Acetone	4.123	43	36228	51.48	ug/L	89
14) Carbon disulfide	4.391	76	371641	22.60	ug/L	100
15) Methyl Acetate	4.671	43	47649	25.88	ug/L	96
16) Methylene chloride	4.921	84	127518	21.63	ug/L	86
17) trans-1,2-Dichloroethene	5.427	96	136087	23.70	ug/L	91
18) Methyl tert-butyl Ether	5.421	73	147020	25.69	ug/L	94
19) 1,1-Dichloroethane	6.220	63	209744	23.33	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	140848	23.62	ug/L	89
22) 2-Butanone	7.165	43	60019	53.59	ug/L	96
23) Bromochloromethane	7.518	128	68356	24.02	ug/L #	79
25) Chloroform	7.677	83	231226	23.62	ug/L	99

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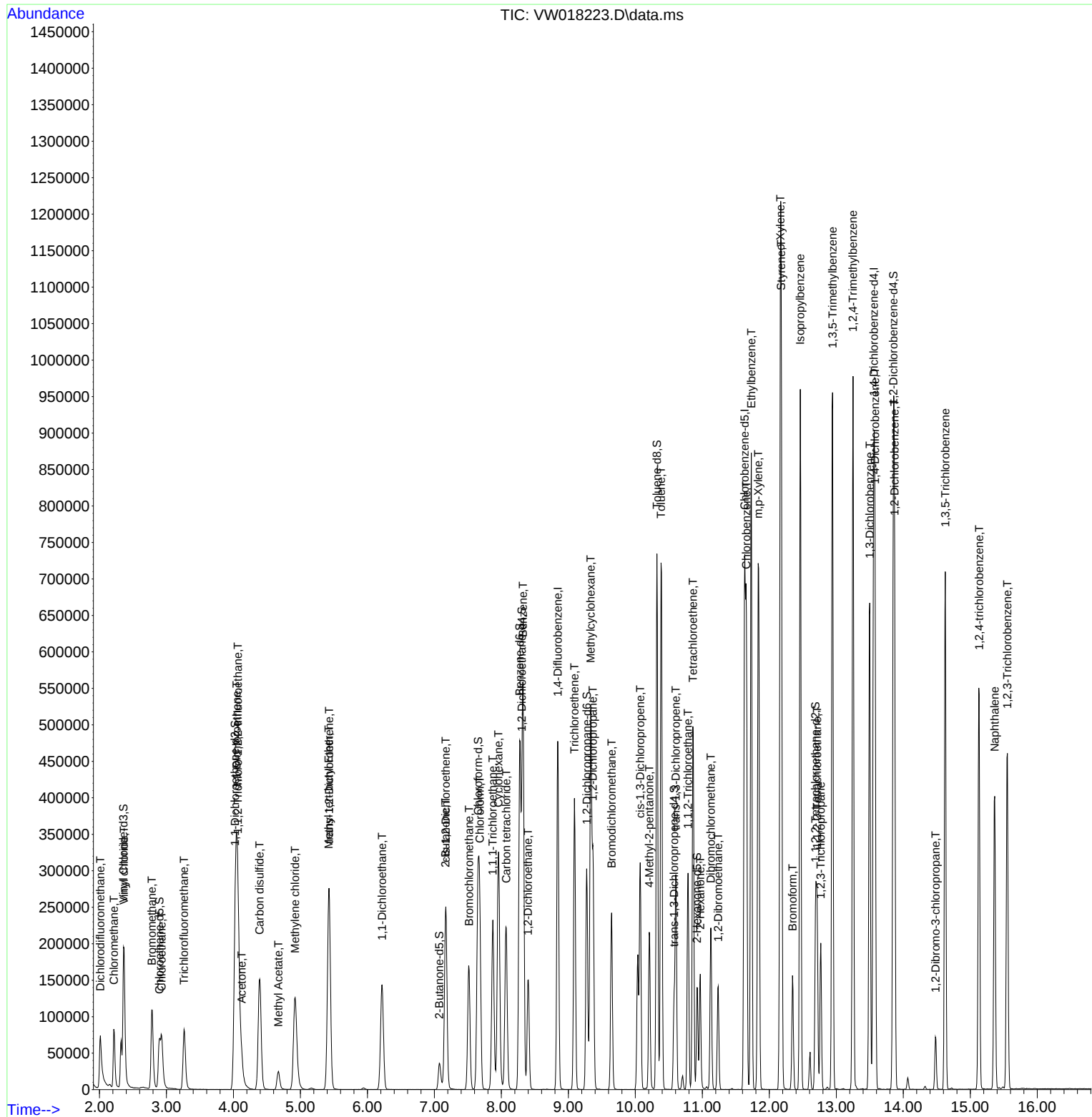
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	143742	24.27	ug/L	97
29) Cyclohexane	7.957	56	193000	23.89	ug/L	94
30) 1,1,1-Trichloroethane	7.872	97	189975	23.47	ug/L	95
31) Carbon tetrachloride	8.073	117	183931	23.44	ug/L	99
33) Benzene	8.323	78	506764	23.56	ug/L	100
34) Trichloroethene	9.091	95	138238	22.99	ug/L	93
35) Methylcyclohexane	9.335	83	233356	23.46	ug/L	96
37) 1,2-Dichloropropane	9.366	63	116732	23.49	ug/L	98
38) Bromodichloromethane	9.646	83	164894	23.69	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	193102	24.24	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	131290	52.02	ug/L #	91
42) Toluene	10.384	91	560548	23.65	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	166918	24.43	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	98525	24.22	ug/L	98
46) Tetrachloroethene	10.859	164	121750	22.84	ug/L	96
48) 2-Hexanone	10.969	43	92414	53.65	ug/L #	93
49) Dibromochloromethane	11.128	129	121011	24.07	ug/L	94
50) 1,2-Dibromoethane	11.237	107	98385	24.68	ug/L #	99
51) Chlorobenzene	11.658	112	368233	23.25	ug/L	96
52) Ethylbenzene	11.731	91	627805	23.48	ug/L	99
53) m,p-Xylene	11.835	106	248706	23.82	ug/L	97
54) o-Xylene	12.164	106	233990	23.71	ug/L	97
55) Styrene	12.176	104	396026	23.92	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	112918	24.80	ug/L	97
59) Bromoform	12.347	173	71999	25.13	ug/L #	95
60) Isopropylbenzene	12.463	105	638085	24.26	ug/L	98
61) 1,2,3-Trichloropropane	12.767	75	82181	24.92	ug/L	96
62) 1,3,5-Trimethylbenzene	12.944	105	534747	24.27	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	537678	24.48	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	298213	23.60	ug/L	93
65) 1,4-Dichlorobenzene	13.578	146	299196	23.63	ug/L	94
67) 1,2-Dichlorobenzene	13.871	146	274326	24.18	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	18933	26.41	ug/L	86
69) 1,3,5-Trichlorobenzene	14.627	180	232941	23.96	ug/L	96
70) 1,2,4-trichlorobenzene	15.133	180	196997	24.50	ug/L	98
71) Naphthalene	15.365	128	368159	26.07	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	176420	25.05	ug/L	96

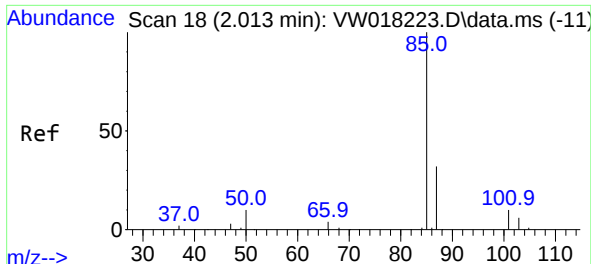
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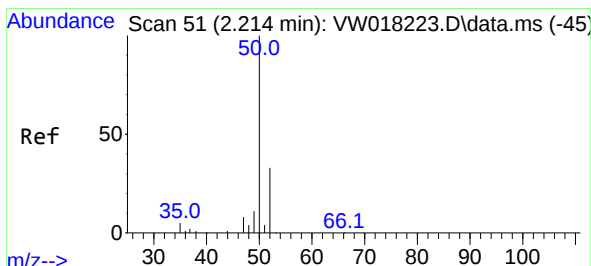
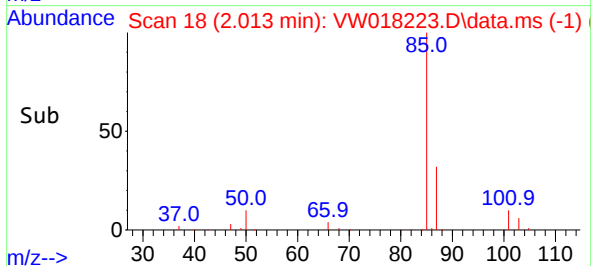
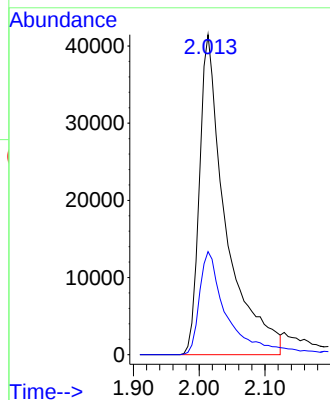
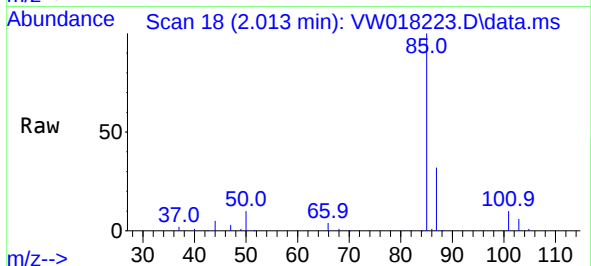




#2
Dichlorodifluoromethane
Concen: 22.29 ug/L
RT: 2.013 min Scan# 18
Delta R.T. 0.000 min
Lab File: VW018223.D
Acq: 23 Feb 2021 12:00

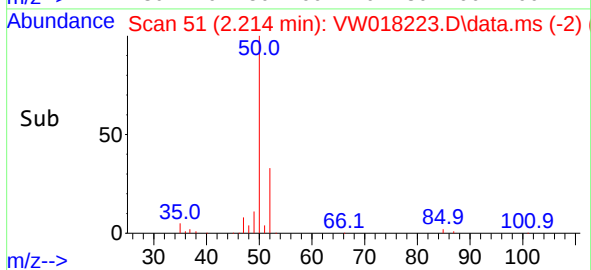
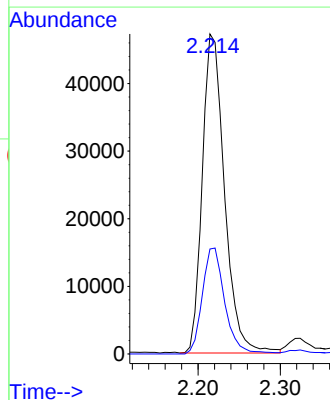
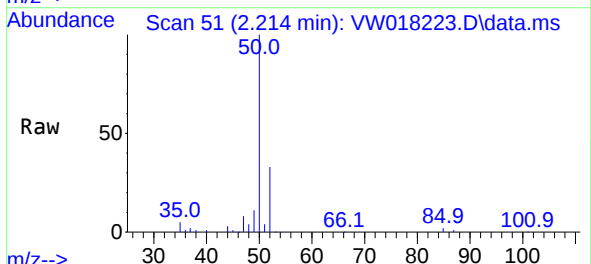
Instrument :
MSVOA_W
ClientSampleId :
VSTD025101

Tgt Ion: 85 Resp: 115258
Ion Ratio Lower Upper
85 100
87 29.9 23.3 34.9

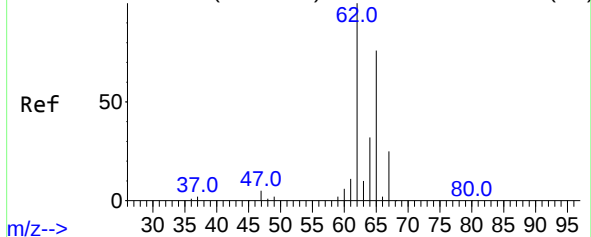


#3
Chloromethane
Concen: 22.38 ug/L
RT: 2.214 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW018223.D
Acq: 23 Feb 2021 12:00

Tgt Ion: 50 Resp: 88730
Ion Ratio Lower Upper
50 100
52 32.8 22.5 41.9



Abundance Scan 76 (2.367 min): VW018223.D\data.ms (-68)



#5

Vinyl chloride

Concen: 23.49 ug/L

RT: 2.367 min Scan# 76

Delta R.T. 0.000 min

Lab File: VW018223.D

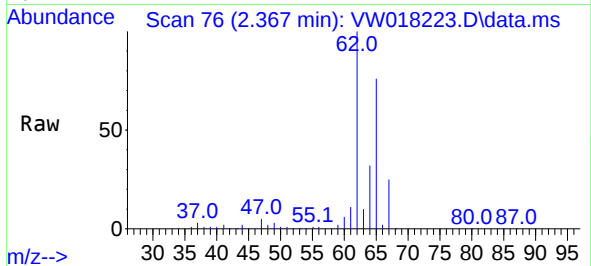
Acq: 23 Feb 2021 12:00

Tgt Ion: 62 Resp: 133850

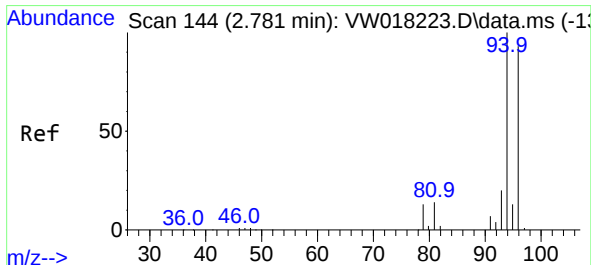
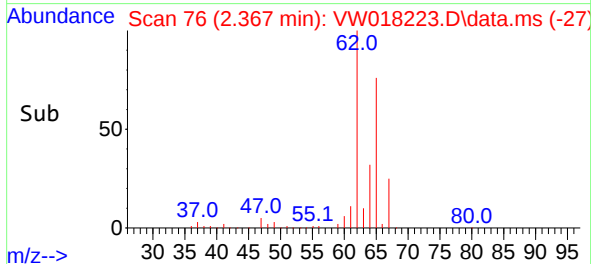
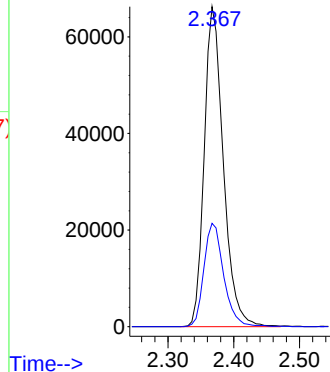
Ion Ratio Lower Upper

62 100

64 32.3 24.2 45.0



Abundance



#6

Bromomethane

Concen: 23.59 ug/L

RT: 2.781 min Scan# 144

Delta R.T. 0.000 min

Lab File: VW018223.D

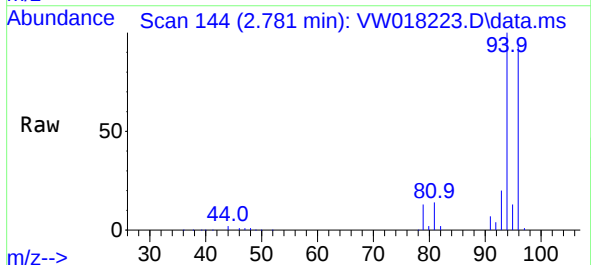
Acq: 23 Feb 2021 12:00

Tgt Ion: 94 Resp: 93241

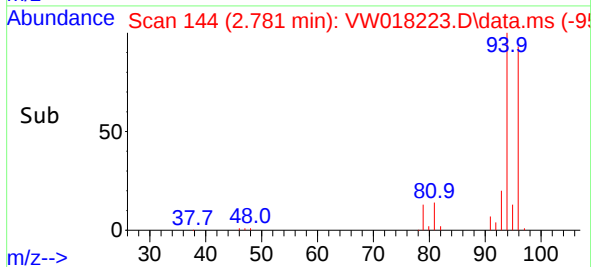
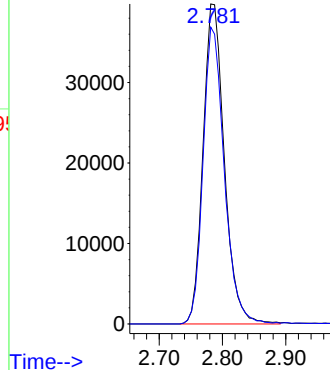
Ion Ratio Lower Upper

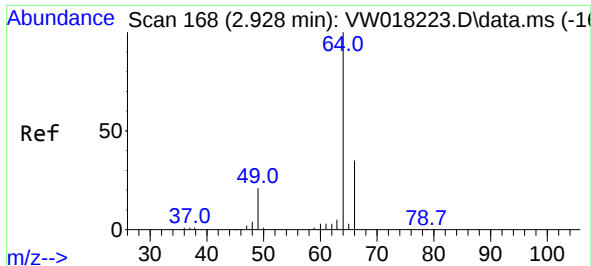
94 100

96 92.8 65.3 121.3



Abundance

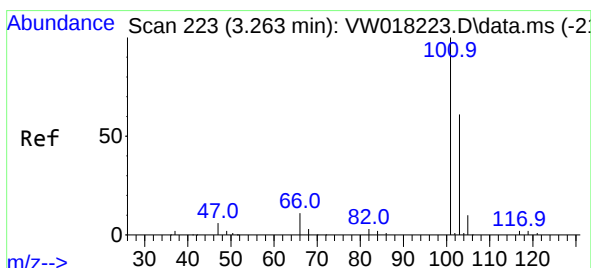
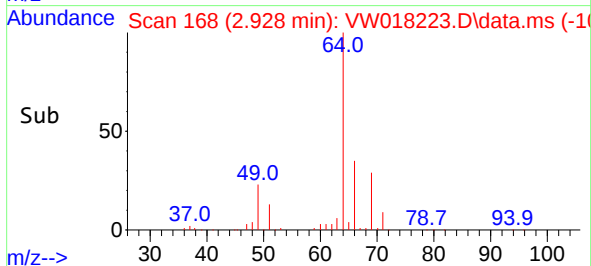
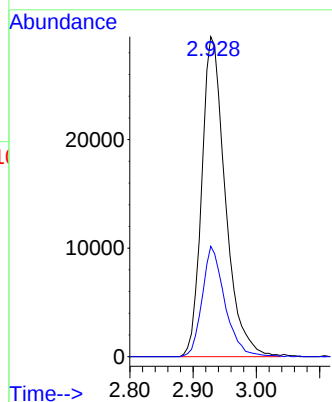
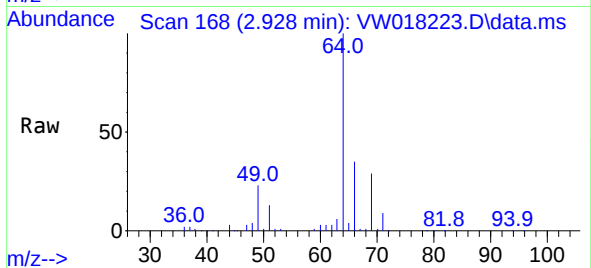




#8
Chloroethane
Concen: 24.01 ug/L
RT: 2.928 min Scan# 168
Delta R.T. 0.000 min
Lab File: VW018223.D
Acq: 23 Feb 2021 12:00

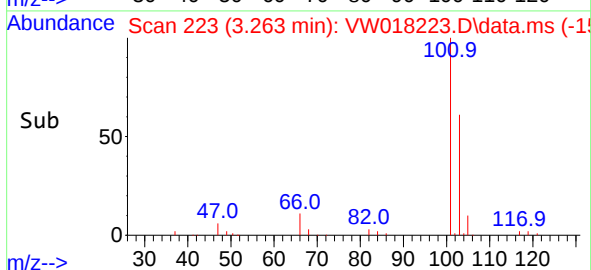
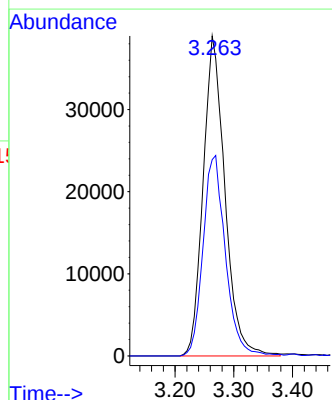
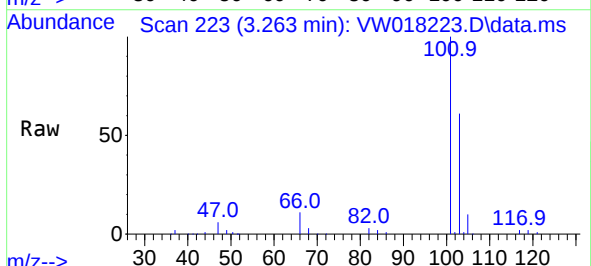
Instrument :
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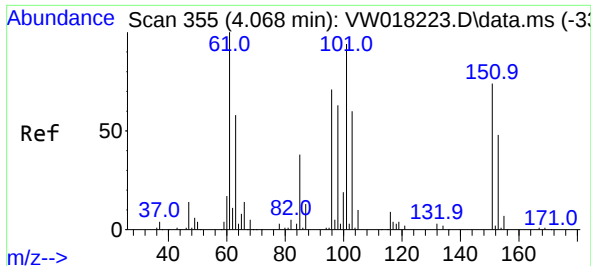
Tgt Ion: 64 Resp: 76550
Ion Ratio Lower Upper
64 100
66 34.5 23.4 43.6



#9
Trichlorofluoromethane
Concen: 24.58 ug/L
RT: 3.263 min Scan# 223
Delta R.T. 0.000 min
Lab File: VW018223.D
Acq: 23 Feb 2021 12:00

Tgt Ion: 101 Resp: 100184
Ion Ratio Lower Upper
101 100
103 64.3 51.0 76.4

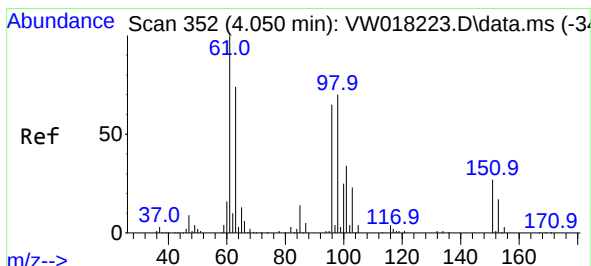
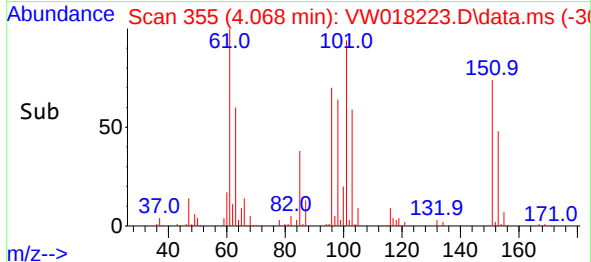
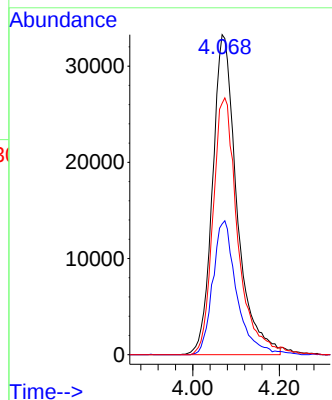
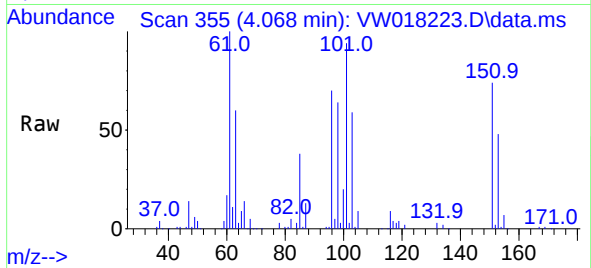




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 23.41 ug/L
RT: 4.068 min Scan# 355
Delta R.T. 0.000 min
Lab File: VW018223.D
Acq: 23 Feb 2021 12:00

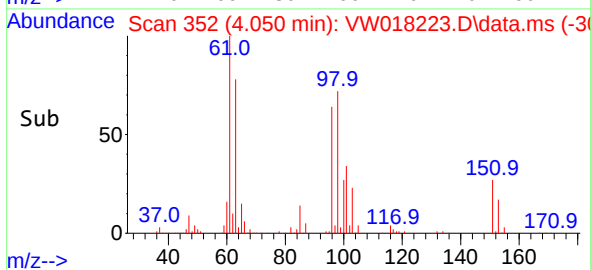
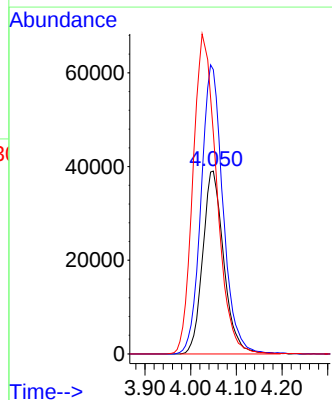
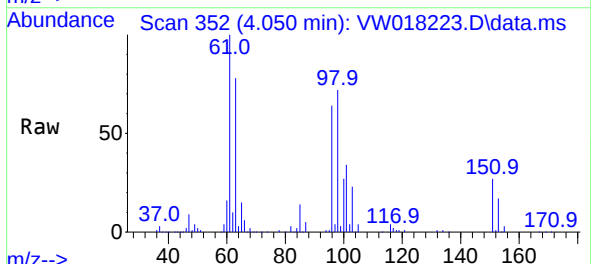
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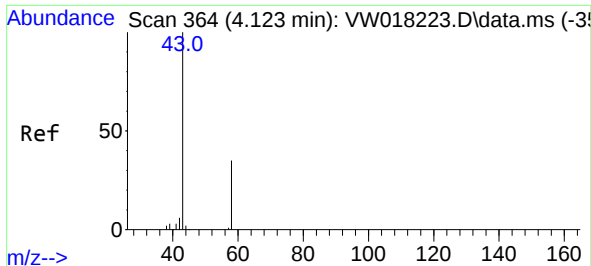
Tgt Ion:101 Resp: 130174
Ion Ratio Lower Upper
101 100
85 40.7 38.2 57.2
151 80.7 56.6 85.0



#12
1,1-Dichloroethene
Concen: 23.20 ug/L
RT: 4.050 min Scan# 352
Delta R.T. 0.000 min
Lab File: VW018223.D
Acq: 23 Feb 2021 12:00

Tgt Ion: 96 Resp: 124823
Ion Ratio Lower Upper
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61 155.5 118.1 219.3
63 121.0 83.7 155.5

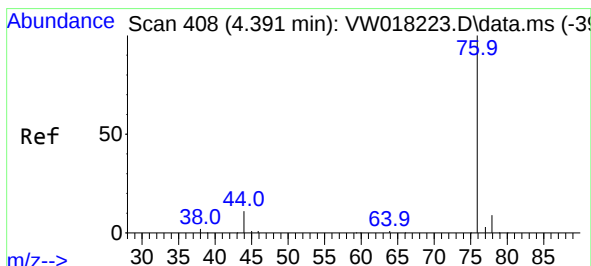
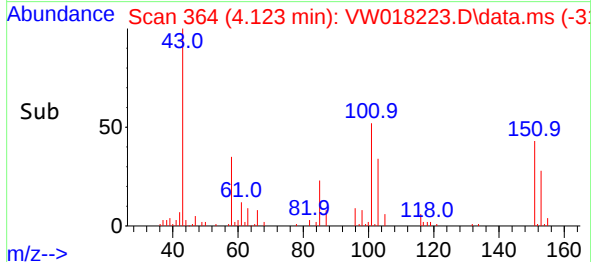
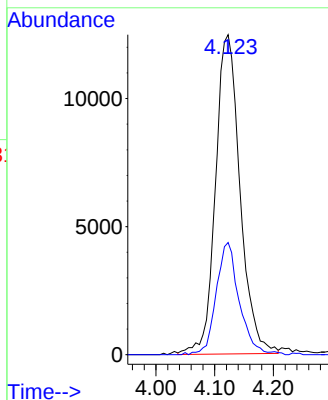
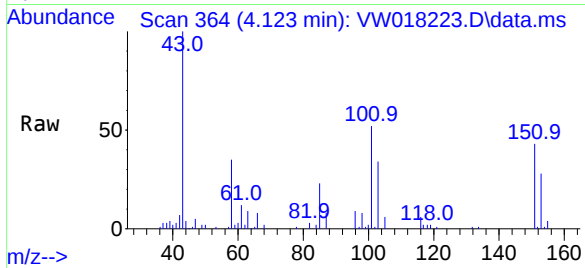




#13
Acetone
Concen: 51.48 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.000 min
Lab File: VW018223.D
Acq: 23 Feb 2021 12:00

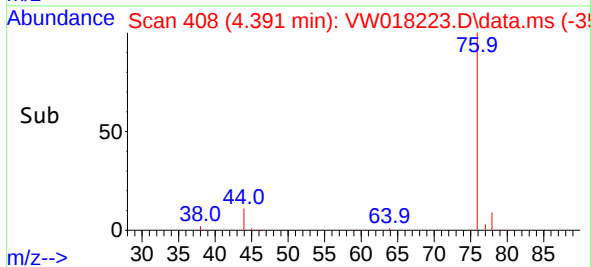
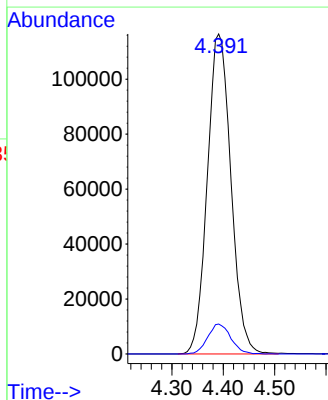
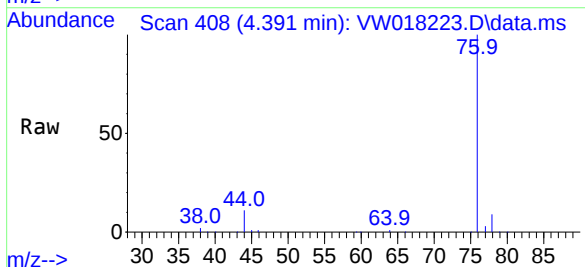
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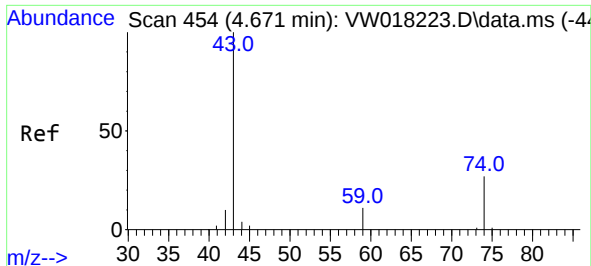
Tgt Ion: 43 Resp: 36228
Ion Ratio Lower Upper
43 100
58 32.5 0.0 53.8



#14
Carbon disulfide
Concen: 22.60 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.000 min
Lab File: VW018223.D
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Tgt Ion: 76 Resp: 371641
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0

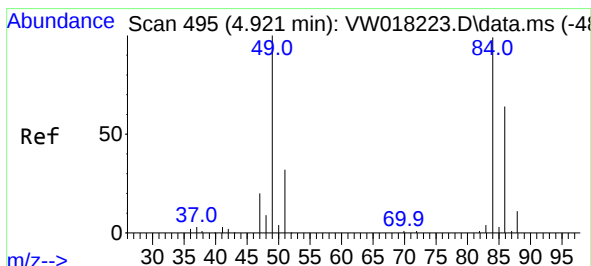
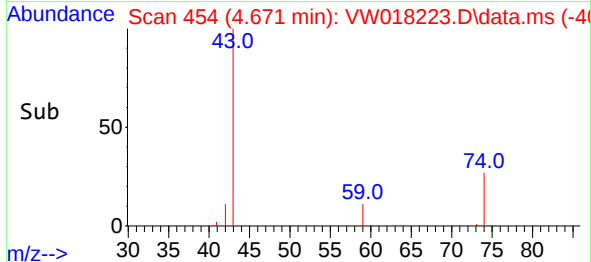
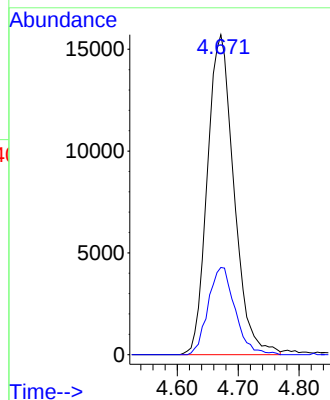
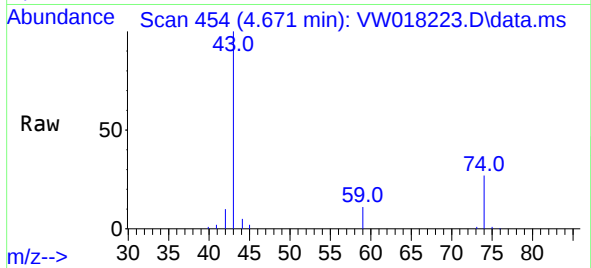




#15
Methyl Acetate
Concen: 25.88 ug/L
RT: 4.671 min Scan# 454
Delta R.T. 0.000 min
Lab File: VW018223.D
Acq: 23 Feb 2021 12:00

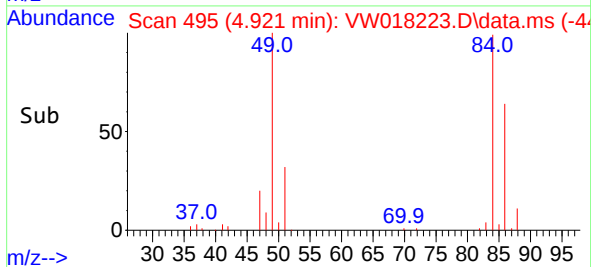
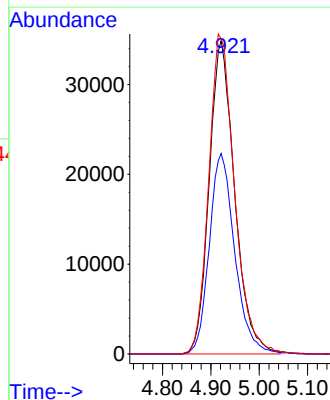
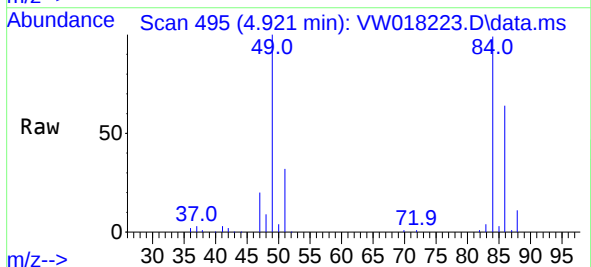
Instrument :
MSVOA_W
ClientSampled :
VSTD025101

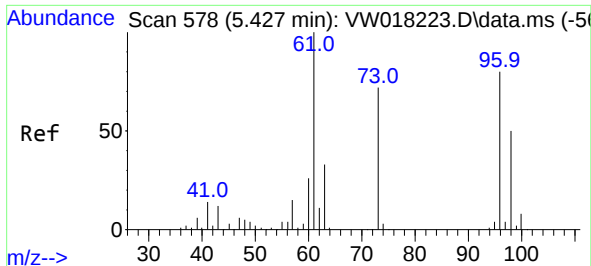
Tgt Ion: 43 Resp: 47649
Ion Ratio Lower Upper
43 100
74 27.0 20.0 30.0



#16
Methylene chloride
Concen: 21.63 ug/L
RT: 4.921 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW018223.D
Acq: 23 Feb 2021 12:00

Tgt Ion: 84 Resp: 127518
Ion Ratio Lower Upper
84 100
86 64.0 45.3 84.1
49 100.6 86.6 160.8

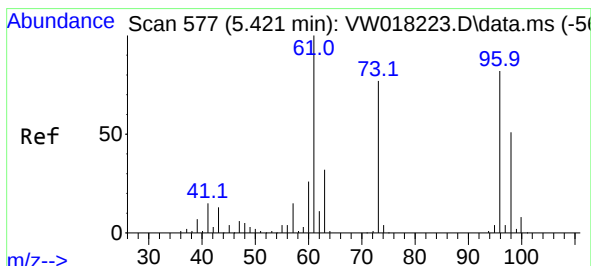
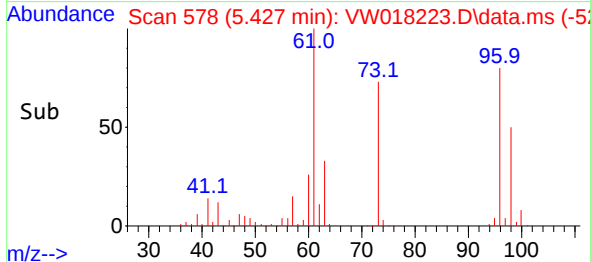
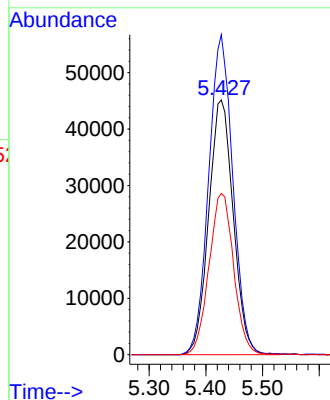
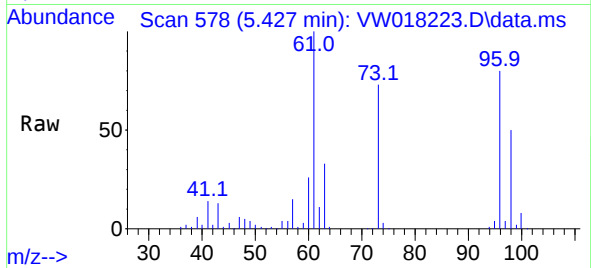




#17
trans-1,2-Dichloroethene
Concen: 23.70 ug/L
RT: 5.427 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW018223.D
Acq: 23 Feb 2021 12:00

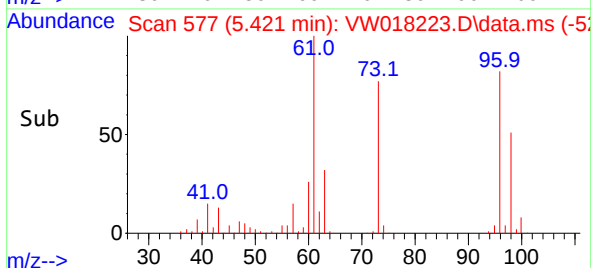
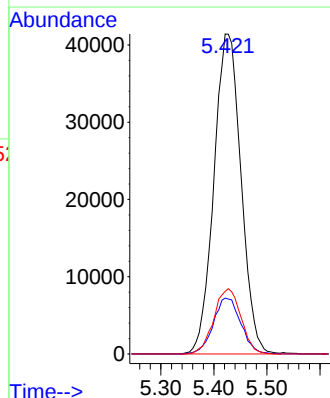
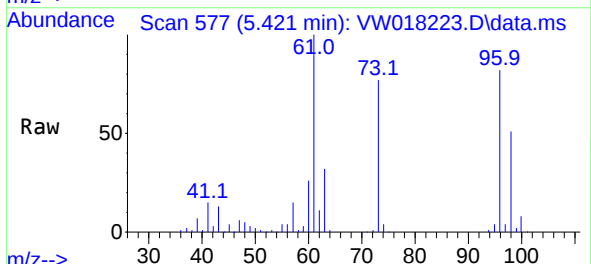
Instrument :
MSVOA_W
ClientSampleId :
VSTD025101

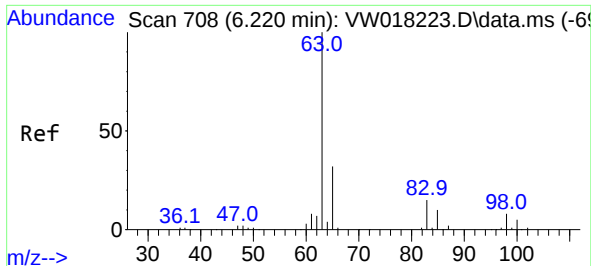
Tgt Ion: 96 Resp: 136087
Ion Ratio Lower Upper
96 100
61 125.6 98.3 182.7
98 63.3 46.1 85.7



#18
Methyl tert-butyl Ether
Concen: 25.69 ug/L
RT: 5.421 min Scan# 577
Delta R.T. 0.000 min
Lab File: VW018223.D
Acq: 23 Feb 2021 12:00

Tgt Ion: 73 Resp: 147020
Ion Ratio Lower Upper
73 100
43 17.7 17.7 26.5
57 20.3 17.0 25.4

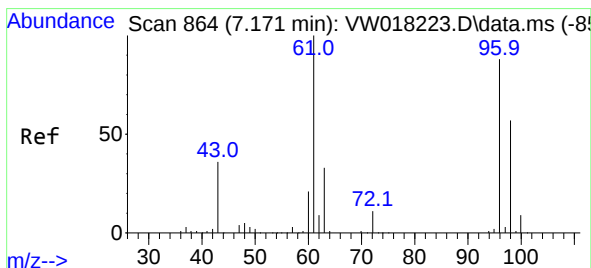
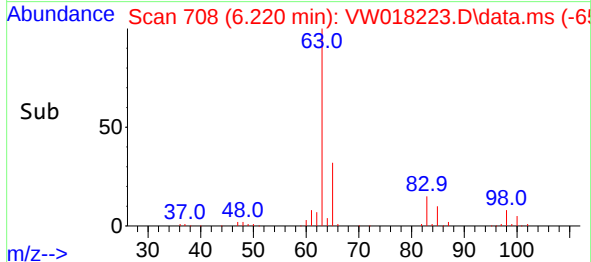
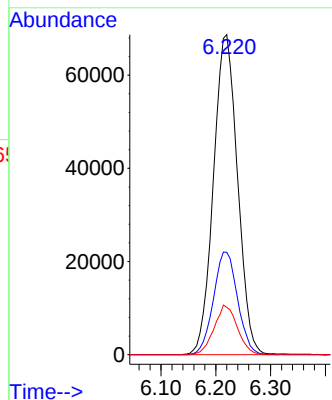
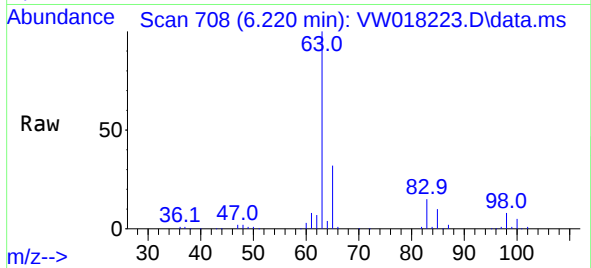




#19
1,1-Dichloroethane
Concen: 23.33 ug/L
RT: 6.220 min Scan# 708
Delta R.T. 0.000 min
Lab File: VW018223.D
Acq: 23 Feb 2021 12:00

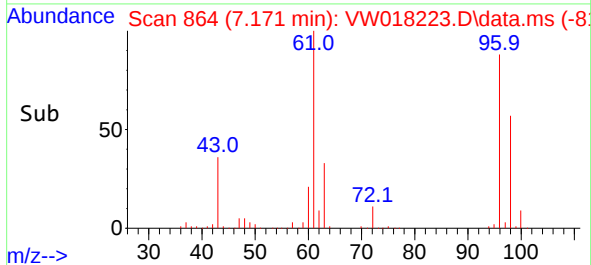
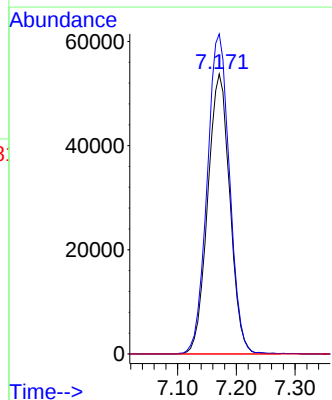
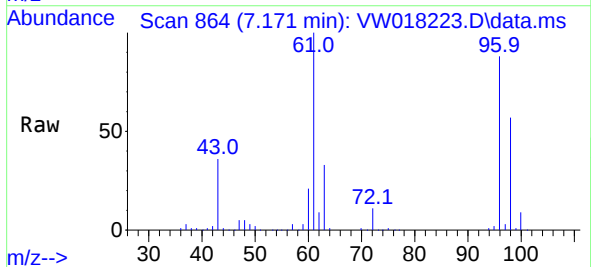
Instrument :
MSVOA_W
ClientSampleId :
VSTD025101

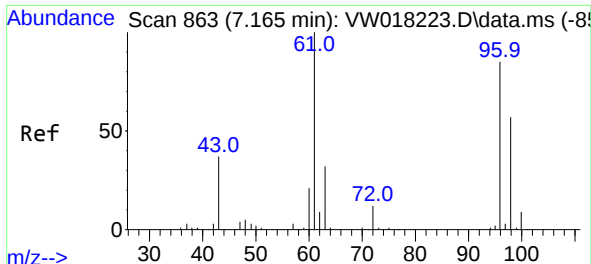
Tgt Ion: 63 Resp: 209744
Ion Ratio Lower Upper
63 100
65 32.0 22.9 42.5
83 14.8 10.2 19.0



#20
cis-1,2-Dichloroethene
Concen: 23.62 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW018223.D
Acq: 23 Feb 2021 12:00

Tgt Ion: 96 Resp: 140848
Ion Ratio Lower Upper
96 100
61 114.3 88.5 164.3
68 0.0 0.0 0.0

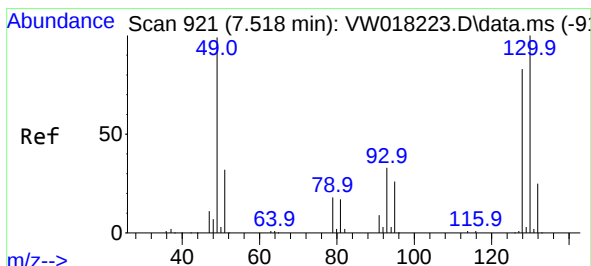
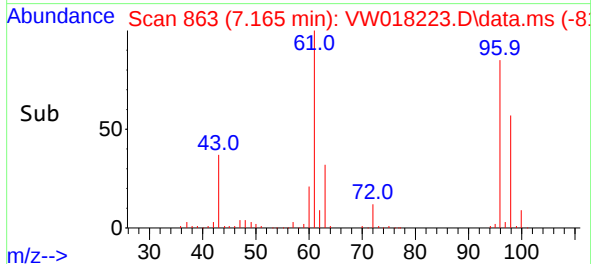
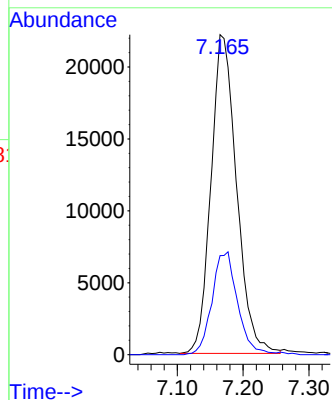
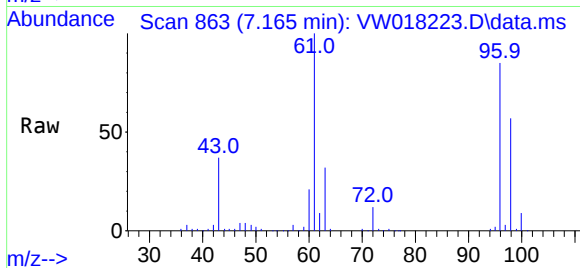




#22
2-Butanone
Concen: 53.59 ug/L
RT: 7.165 min Scan# 863
Delta R.T. 0.000 min
Lab File: VW018223.D
Acq: 23 Feb 2021 12:00

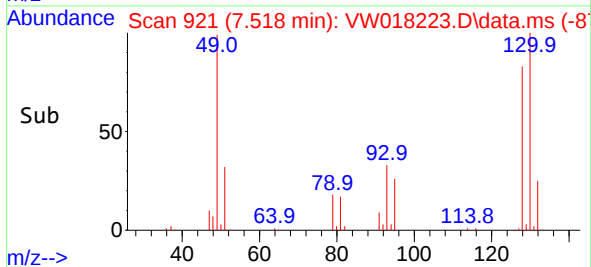
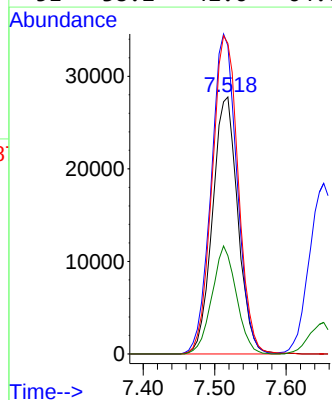
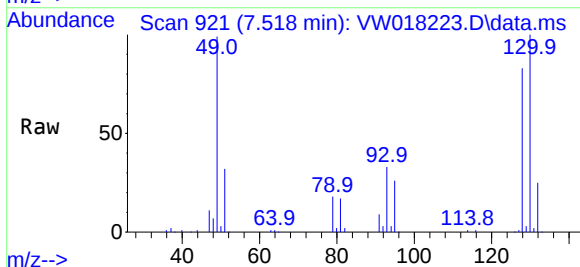
Instrument :
MSVOA_W
ClientSampleId :
VSTD025101

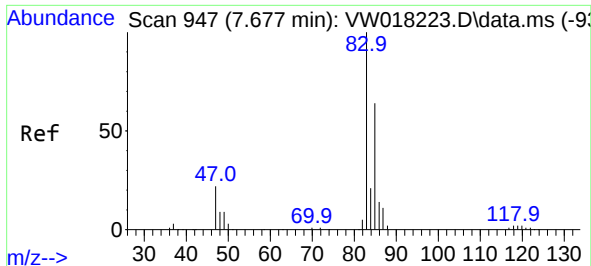
Tgt Ion: 43 Resp: 60019
Ion Ratio Lower Upper
43 100
72 32.1 14.9 44.7



#23
Bromochloromethane
Concen: 24.02 ug/L
RT: 7.518 min Scan# 921
Delta R.T. 0.000 min
Lab File: VW018223.D
Acq: 23 Feb 2021 12:00

Tgt Ion: 128 Resp: 68356
Ion Ratio Lower Upper
128 100
49 120.0 116.3 215.9
130 120.9 82.4 153.0
51 38.2 42.6 64.0#

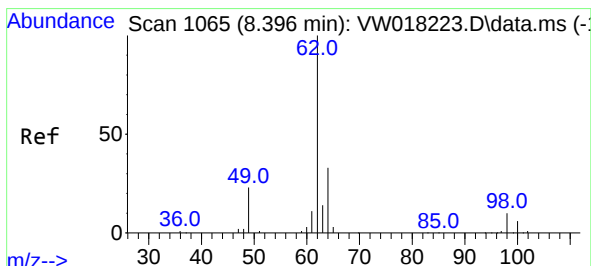
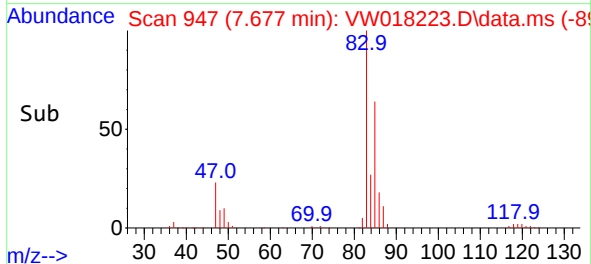
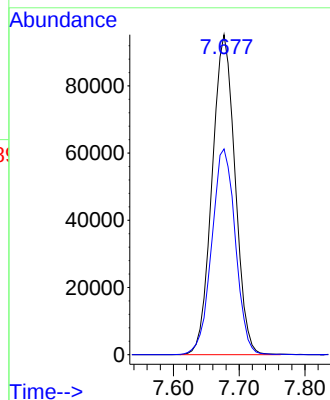
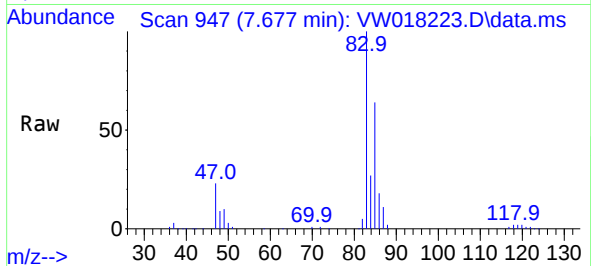




#25
Chloroform
Concen: 23.62 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW018223.D
Acq: 23 Feb 2021 12:00

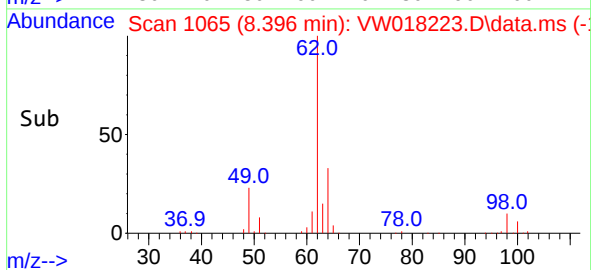
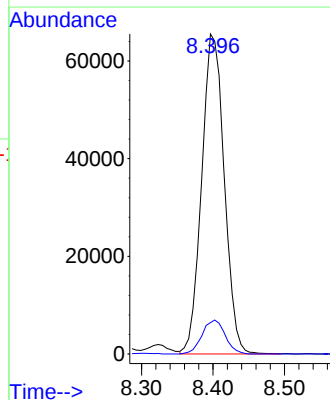
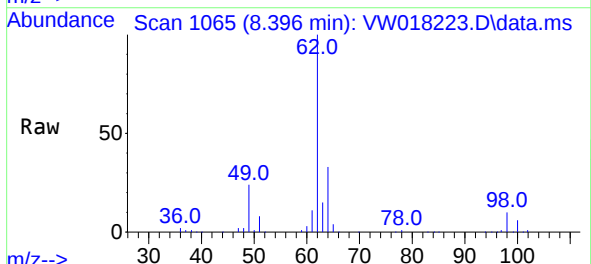
Instrument :
MSVOA_W
ClientSampleId :
VSTD025101

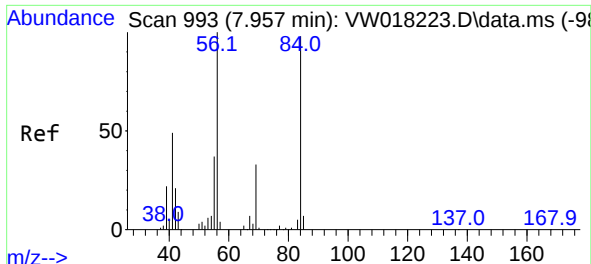
Tgt Ion: 83 Resp: 231226
Ion Ratio Lower Upper
83 100
85 64.3 44.6 82.8



#27
1,2-Dichloroethane
Concen: 24.27 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW018223.D
Acq: 23 Feb 2021 12:00

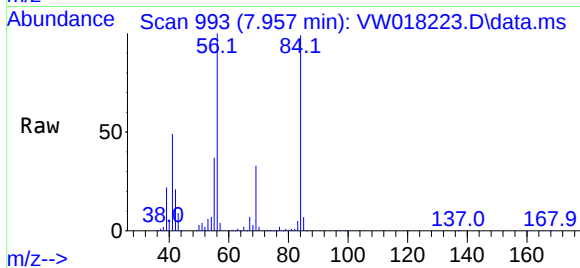
Tgt Ion: 62 Resp: 143742
Ion Ratio Lower Upper
62 100
98 9.8 6.9 10.3



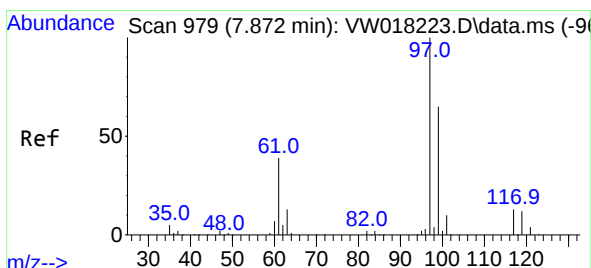
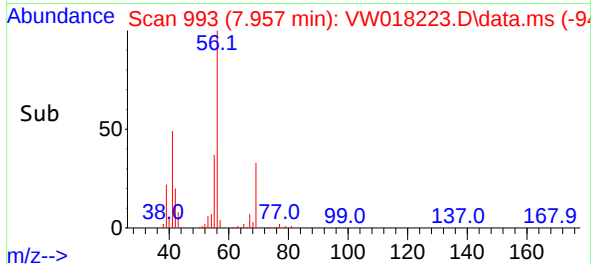
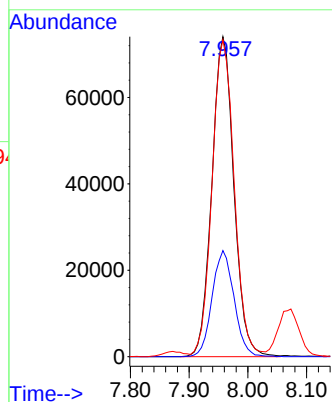


#29
Cyclohexane
Concen: 23.89 ug/L
RT: 7.957 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW018223.D
Acq: 23 Feb 2021 12:00

Instrument :
MSVOA_W
ClientSampleId :
VSTD025101

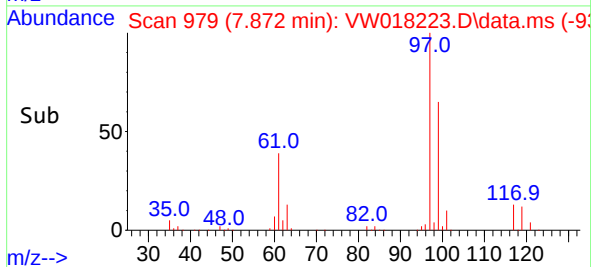
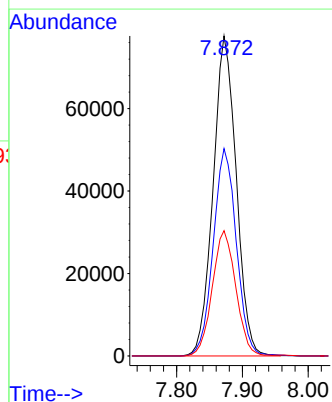
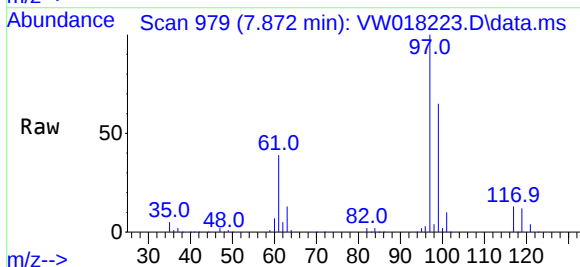


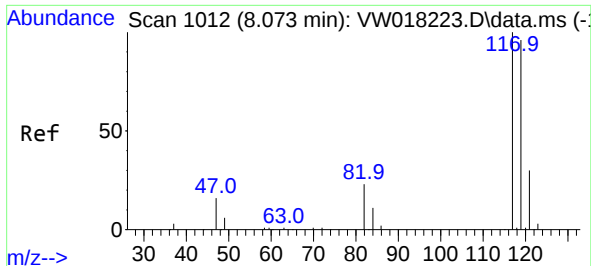
Tgt Ion: 56 Resp: 193000
Ion Ratio Lower Upper
56 100
69 33.1 24.5 36.7
84 99.6 75.0 112.4



#30
1,1,1-Trichloroethane
Concen: 23.47 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW018223.D
Acq: 23 Feb 2021 12:00

Tgt Ion: 97 Resp: 189975
Ion Ratio Lower Upper
97 100
99 64.9 51.4 77.2
61 39.7 37.8 56.6

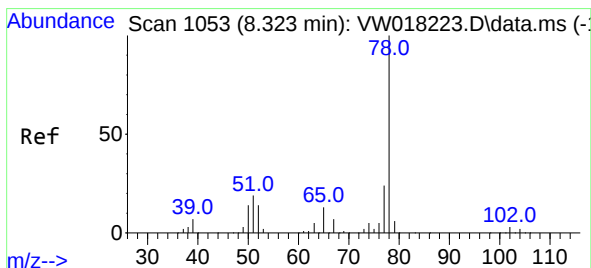
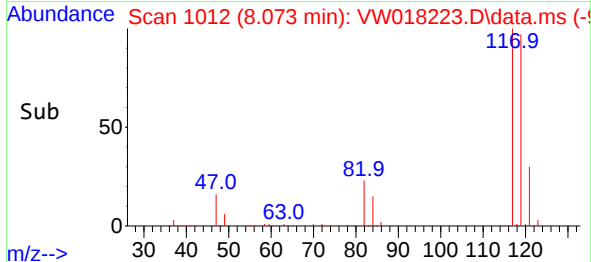
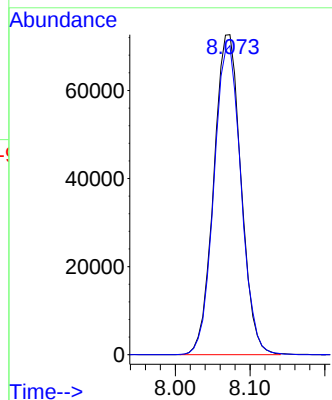
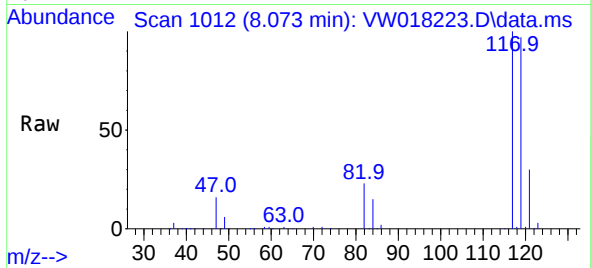




#31
Carbon tetrachloride
Concen: 23.44 ug/L
RT: 8.073 min Scan# 1012
Delta R.T. 0.000 min
Lab File: VW018223.D
Acq: 23 Feb 2021 12:00

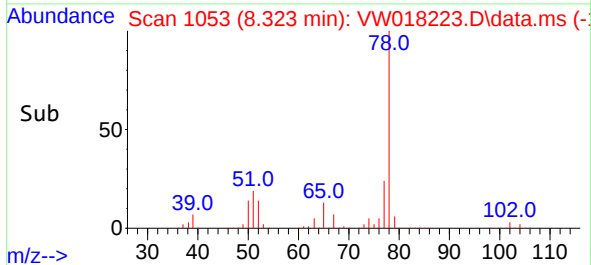
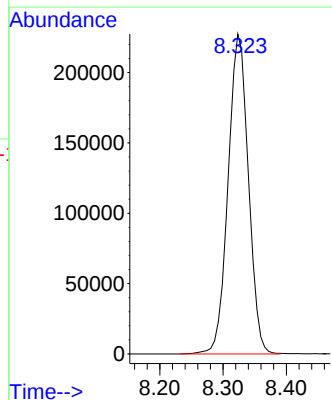
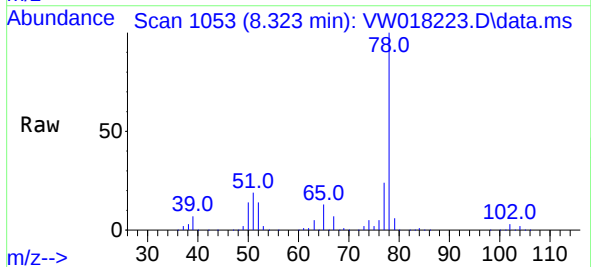
Instrument :
MSVOA_W
ClientSampleId :
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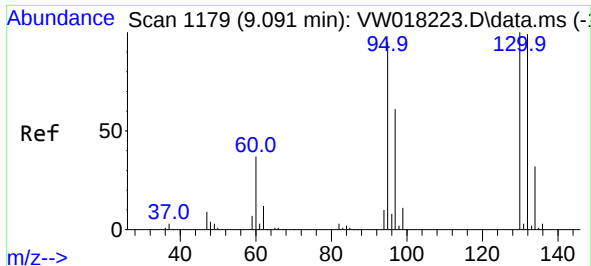
Tgt Ion:117 Resp: 183931
Ion Ratio Lower Upper
117 100
119 96.4 76.5 114.7



#33
Benzene
Concen: 23.56 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW018223.D
Acq: 23 Feb 2021 12:00

Tgt Ion: 78 Resp: 506764

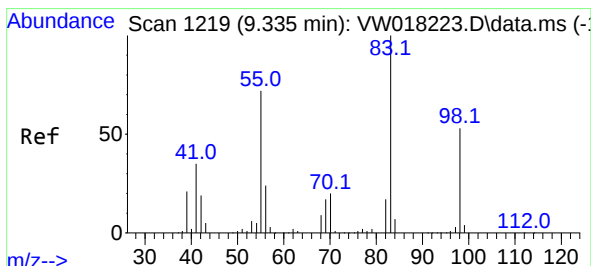
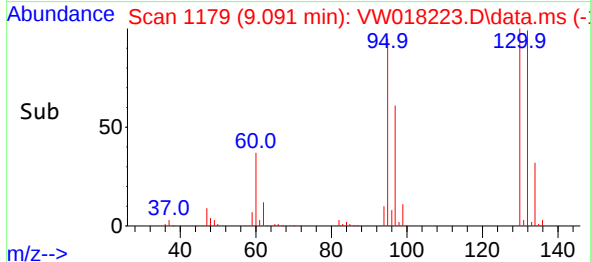
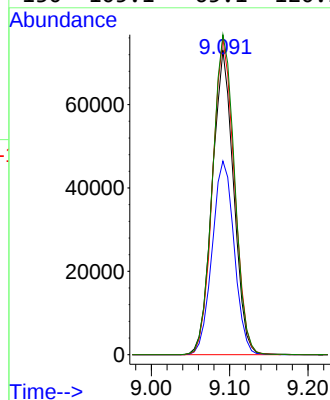
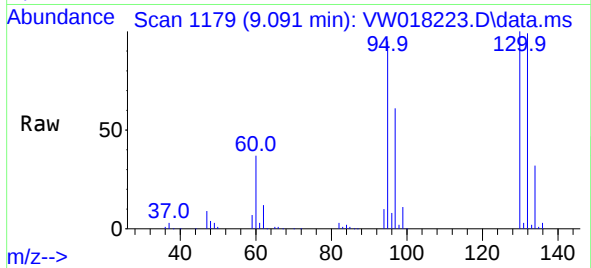




#34
Trichloroethene
Concen: 22.99 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW018223.D
Acq: 23 Feb 2021 12:00

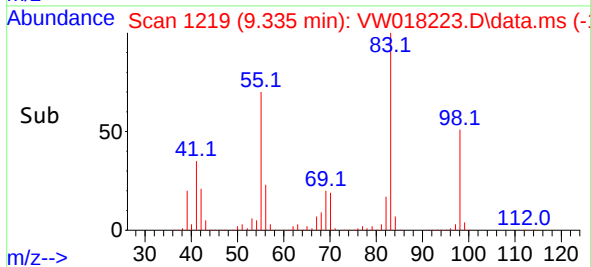
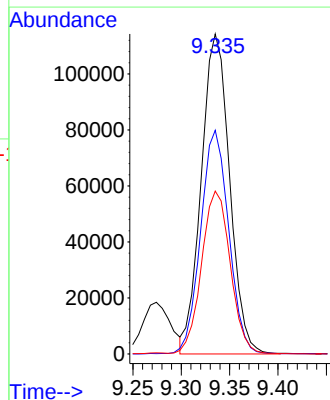
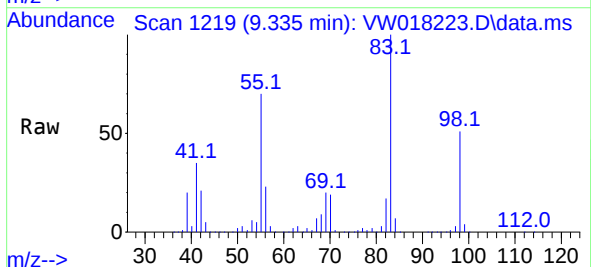
Instrument :
MSVOA_W
ClientSampled :
VSTD025101

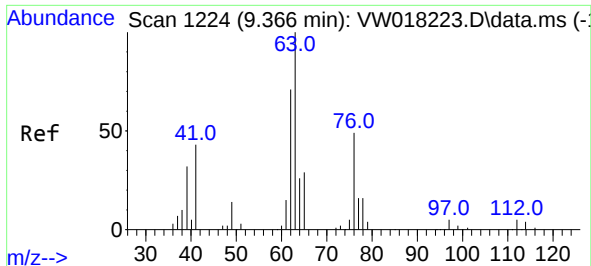
Tgt Ion: 95 Resp: 138238
Ion Ratio Lower Upper
95 100
97 63.6 47.3 87.8
132 103.8 71.0 131.8
130 105.1 65.1 120.9



#35
Methylcyclohexane
Concen: 23.46 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW018223.D
Acq: 23 Feb 2021 12:00

Tgt Ion: 83 Resp: 233356
Ion Ratio Lower Upper
83 100
55 69.2 58.9 88.3
98 51.5 40.1 60.1

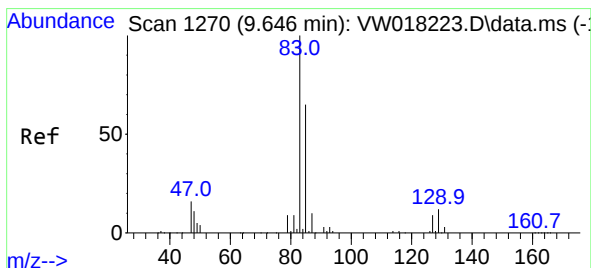
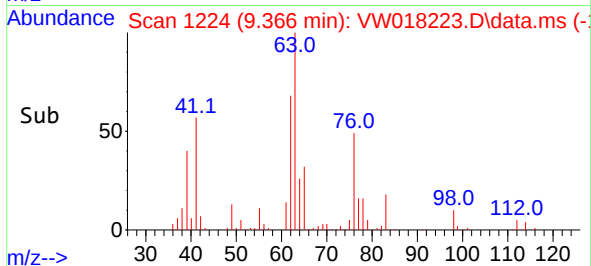
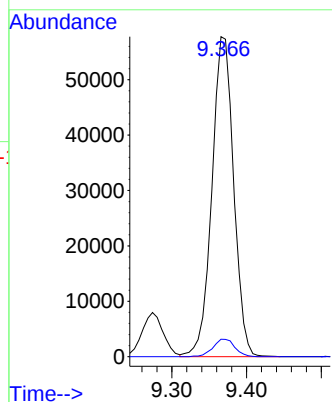
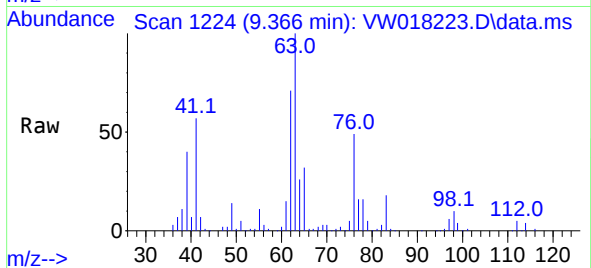




#37
1,2-Dichloropropane
Concen: 23.49 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. 0.000 min
Lab File: VW018223.D
Acq: 23 Feb 2021 12:00

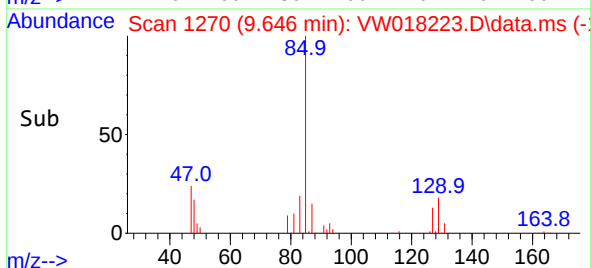
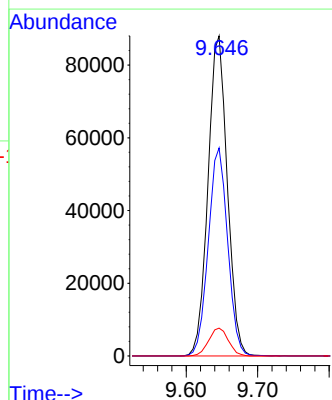
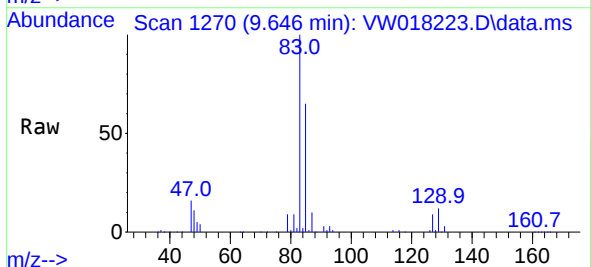
Instrument :
MSVOA_W
ClientSampled :
VSTD025101

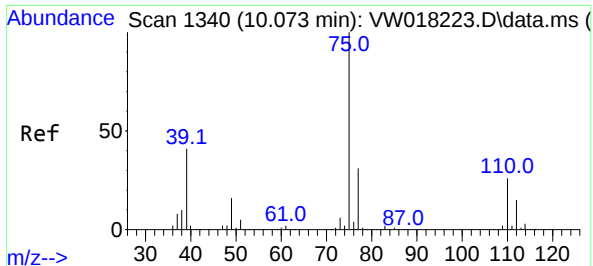
Tgt Ion: 63 Resp: 116732
Ion Ratio Lower Upper
63 100
112 5.5 3.9 5.9



#38
Bromodichloromethane
Concen: 23.69 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW018223.D
Acq: 23 Feb 2021 12:00

Tgt Ion: 83 Resp: 164894
Ion Ratio Lower Upper
83 100
85 65.0 42.3 78.5
127 8.7 6.6 9.8

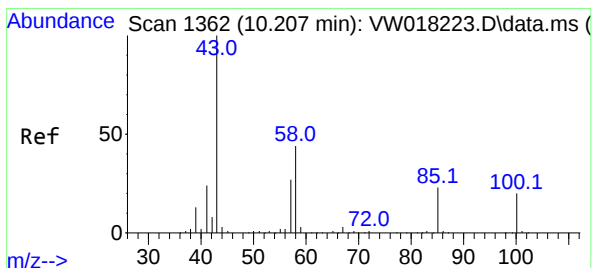
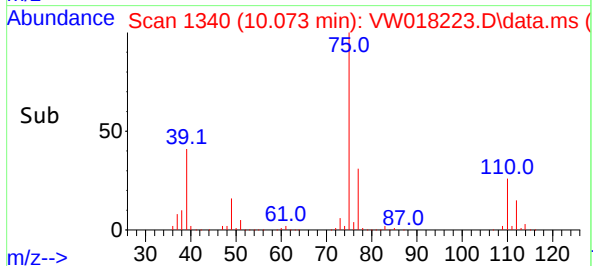
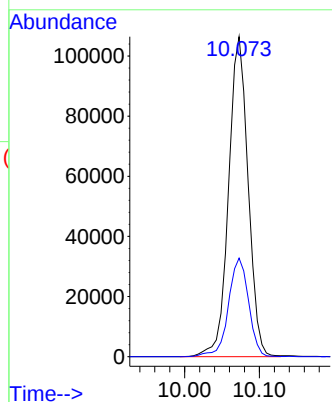
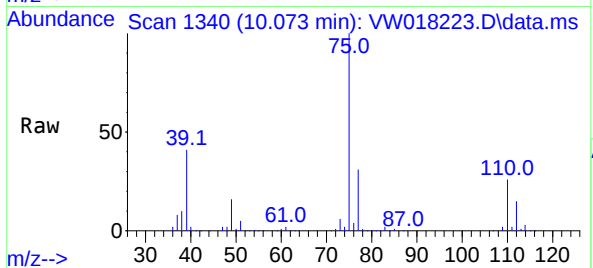




#39
cis-1,3-Dichloropropene
Concen: 24.24 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW018223.D
Acq: 23 Feb 2021 12:00

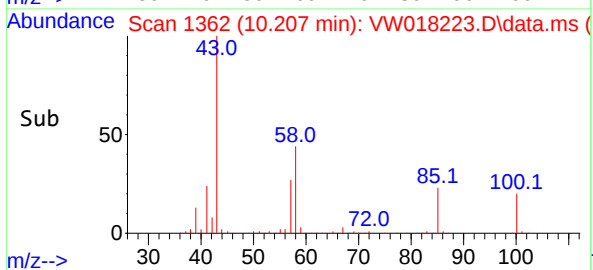
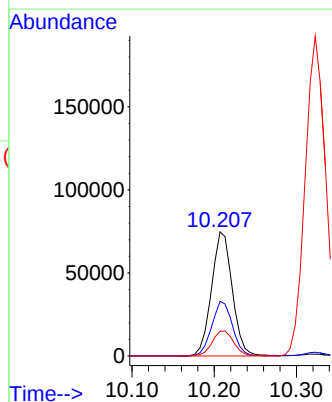
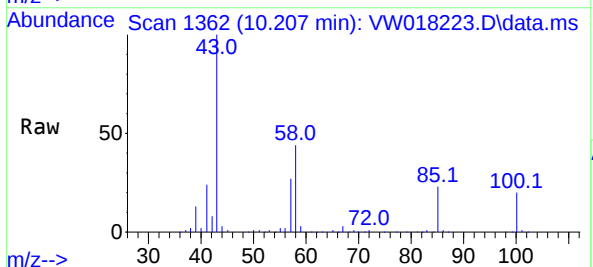
Instrument :
MSVOA_W
ClientSampled :
VSTD025101

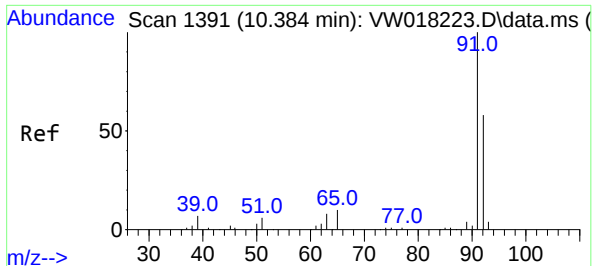
Tgt Ion: 75 Resp: 193102
Ion Ratio Lower Upper
75 100
77 30.8 22.6 42.0



#40
4-Methyl-2-pentanone
Concen: 52.02 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. 0.000 min
Lab File: VW018223.D
Acq: 23 Feb 2021 12:00

Tgt Ion: 43 Resp: 131290
Ion Ratio Lower Upper
43 100
58 44.1 31.0 46.4
100 21.0 13.0 19.6#

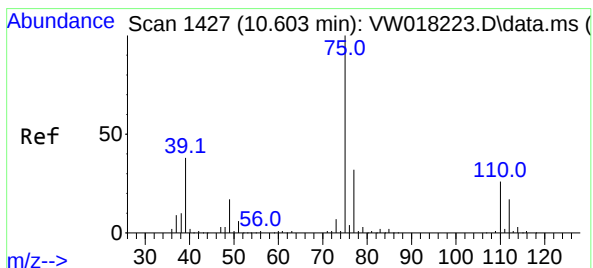
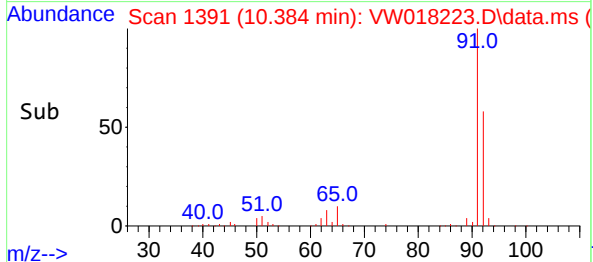
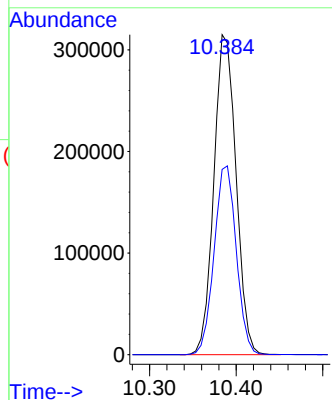
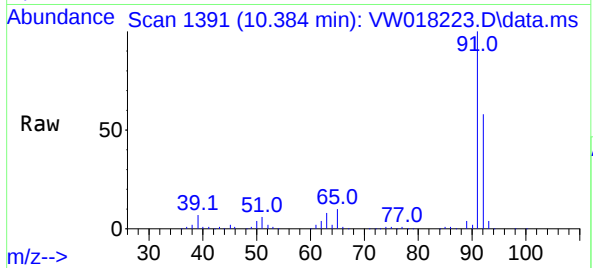




#42
Toluene
Concen: 23.65 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW018223.D
Acq: 23 Feb 2021 12:00

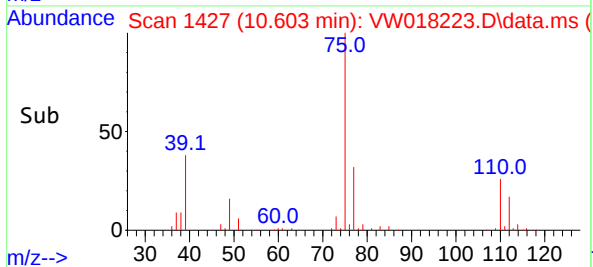
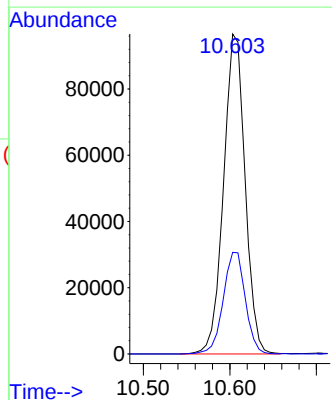
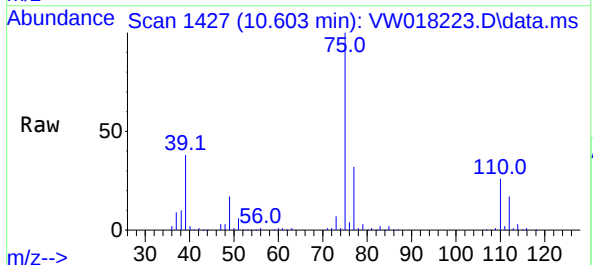
Instrument :
MSVOA_W
ClientSampleId :
VSTD025101

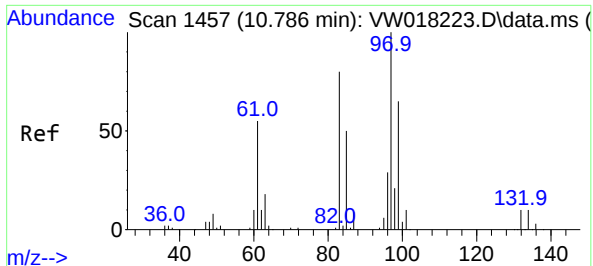
Tgt Ion: 91 Resp: 560548
Ion Ratio Lower Upper
91 100
92 57.9 39.5 73.3



#44
trans-1,3-Dichloropropene
Concen: 24.43 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW018223.D
Acq: 23 Feb 2021 12:00

Tgt Ion: 75 Resp: 166918
Ion Ratio Lower Upper
75 100
77 31.7 21.1 39.1



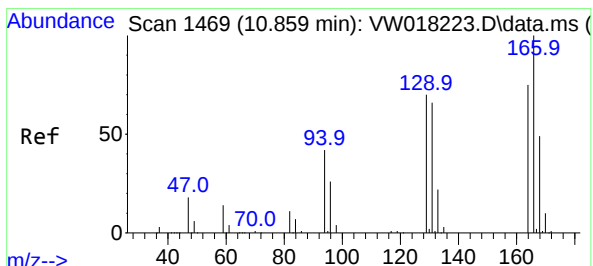
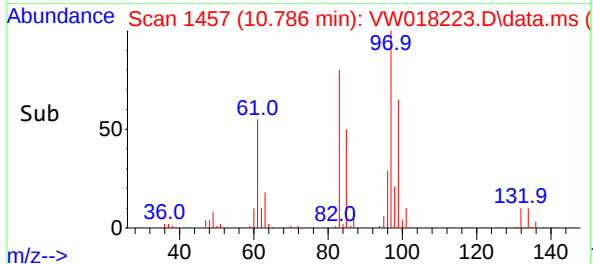
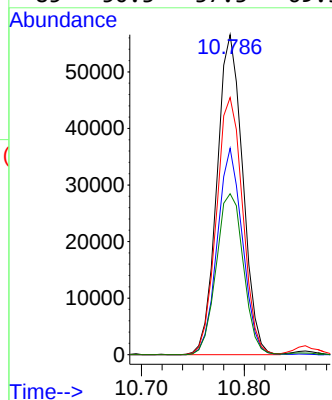
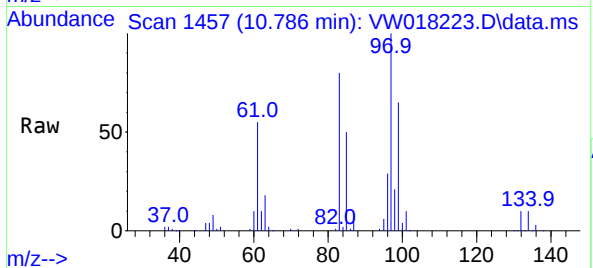


#45
1,1,2-Trichloroethane
Concen: 24.22 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW018223.D
Acq: 23 Feb 2021 12:00

Instrument :
MSVOA_W
ClientSampled :
VSTD025101

Tgt Ion: 97 Resp: 98525

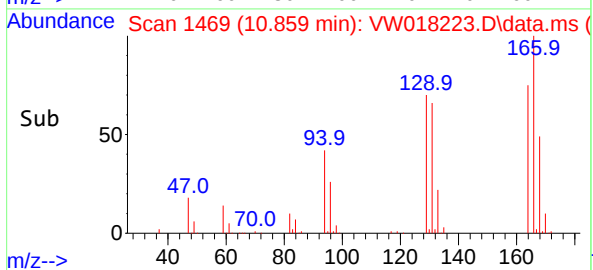
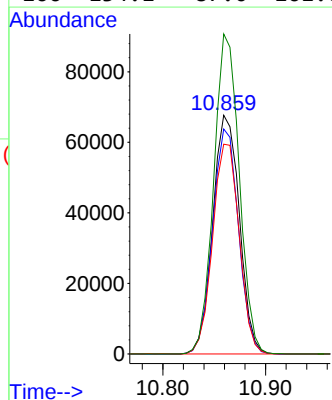
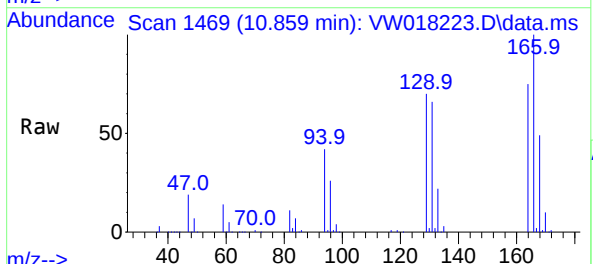
Ion	Ratio	Lower	Upper
97	100		
99	64.5	45.1	83.7
83	80.3	58.1	107.9
85	50.3	37.3	69.3

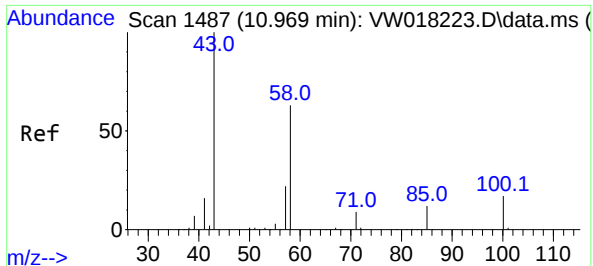


#46
Tetrachloroethene
Concen: 22.84 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW018223.D
Acq: 23 Feb 2021 12:00

Tgt Ion:164 Resp: 121750

Ion	Ratio	Lower	Upper
164	100		
129	94.2	66.7	123.9
131	87.9	61.1	113.5
166	134.1	87.0	161.6

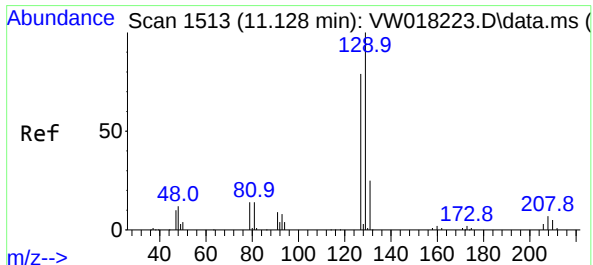
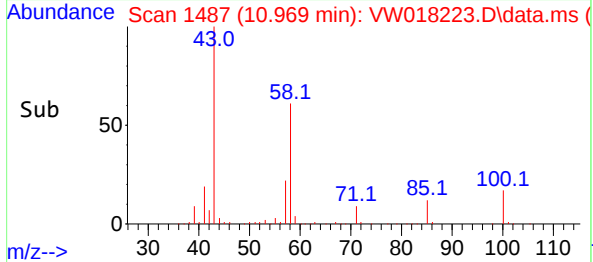
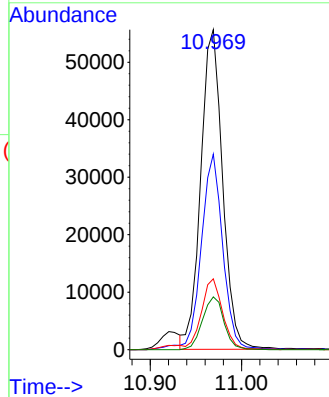
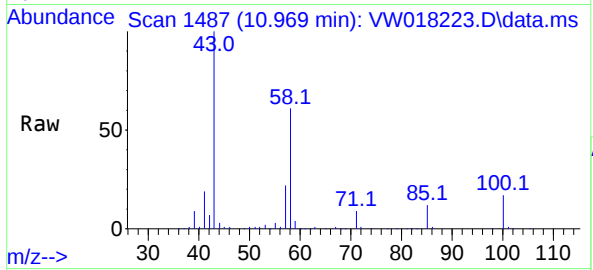




#48
2-Hexanone
Concen: 53.65 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW018223.D
Acq: 23 Feb 2021 12:00

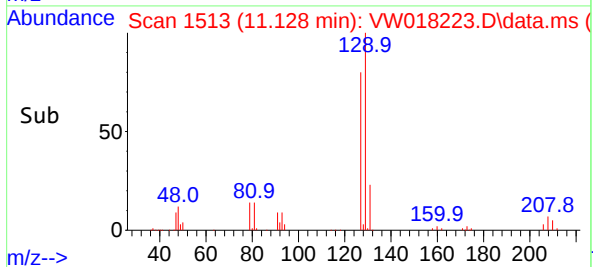
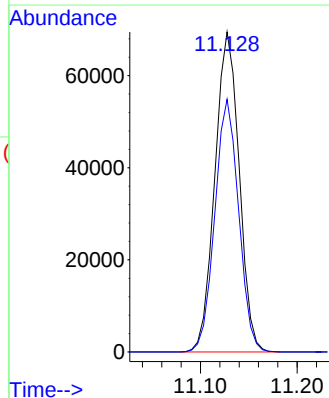
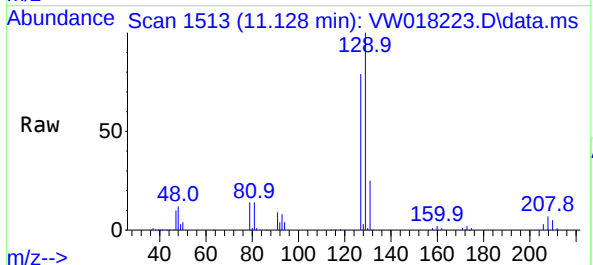
Instrument :
MSVOA_W
ClientSampleId :
VSTD025101

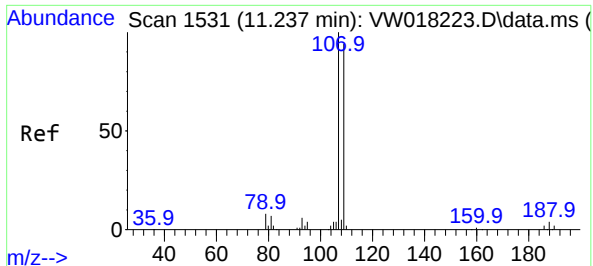
Tgt Ion:	43	Resp:	92414
Ion	Ratio	Lower	Upper
43	100		
58	59.3	42.7	64.1
57	21.2	15.8	23.8
100	16.2	10.0	15.0



#49
Dibromochloromethane
Concen: 24.07 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW018223.D
Acq: 23 Feb 2021 12:00

Tgt Ion:	129	Resp:	121011
Ion	Ratio	Lower	Upper
129	100		
127	79.0	51.7	95.9

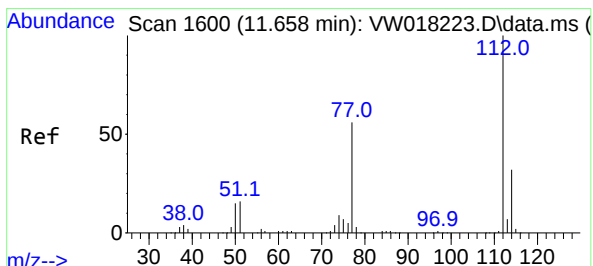
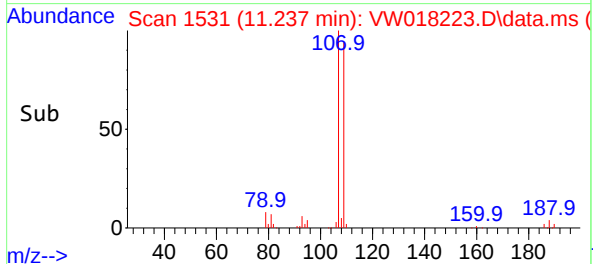
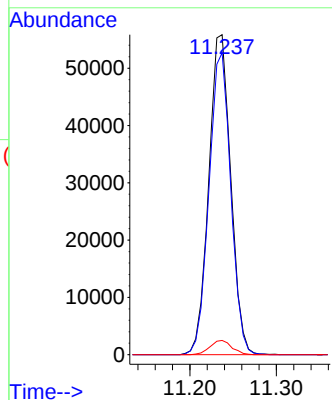
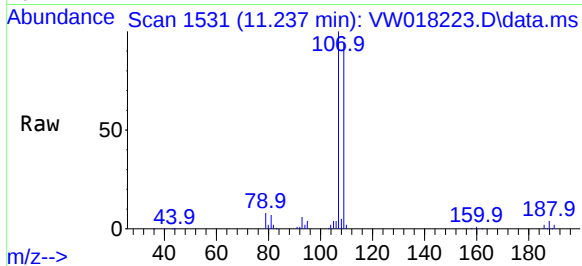




#50
1,2-Dibromoethane
Concen: 24.68 ug/L
RT: 11.237 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VW018223.D
Acq: 23 Feb 2021 12:00

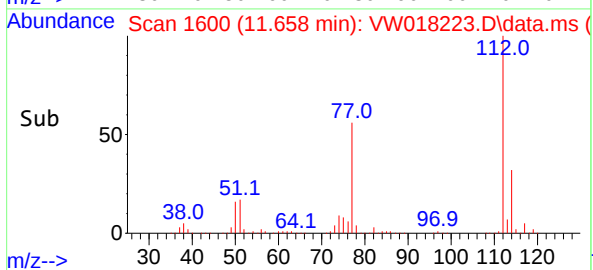
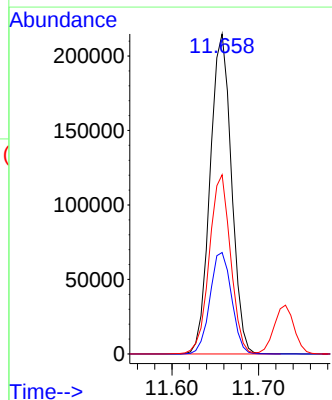
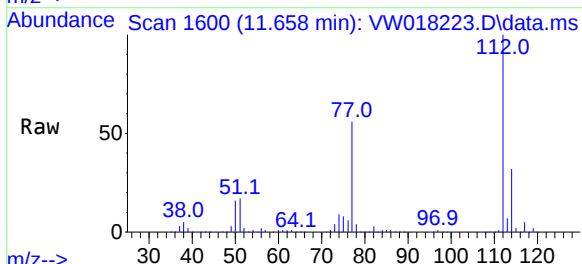
Instrument :
MSVOA_W
ClientSampleId :
VSTD025101

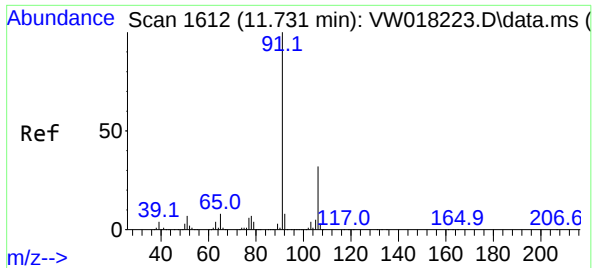
Tgt Ion:107 Resp: 98385
Ion Ratio Lower Upper
107 100
109 94.3 65.4 121.4
188 4.5 2.6 4.0#



#51
Chlorobenzene
Concen: 23.25 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW018223.D
Acq: 23 Feb 2021 12:00

Tgt Ion:112 Resp: 368233
Ion Ratio Lower Upper
112 100
114 31.7 23.4 43.6
77 56.0 47.6 71.4

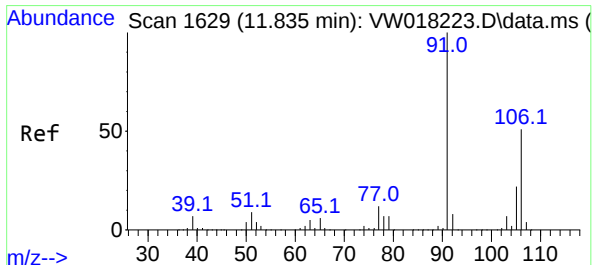
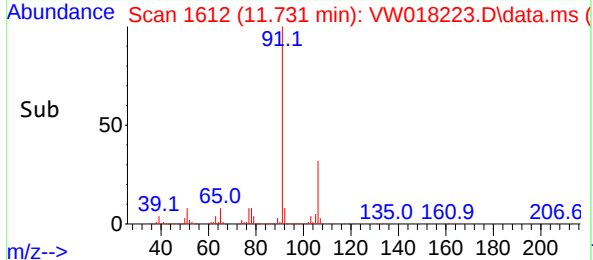
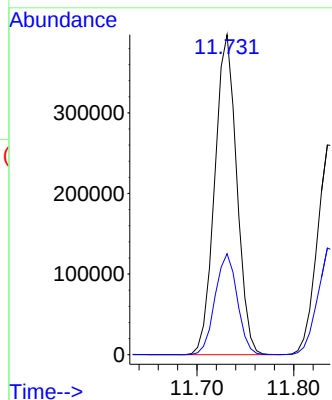
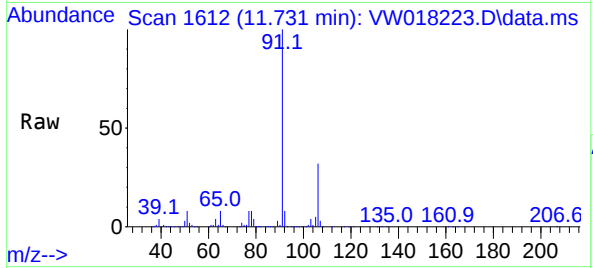




#52
Ethylbenzene
Concen: 23.48 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW018223.D
Acq: 23 Feb 2021 12:00

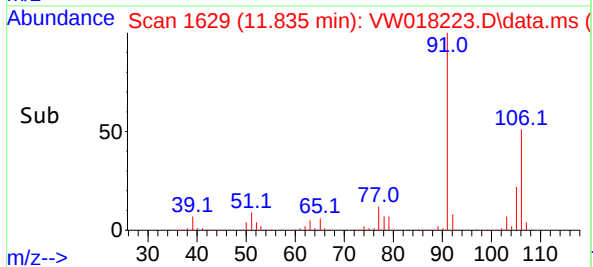
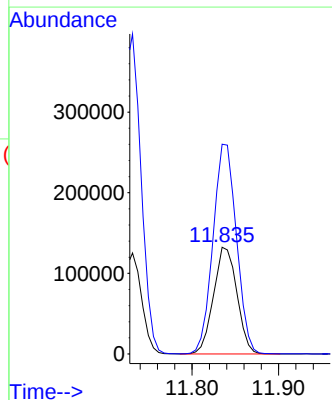
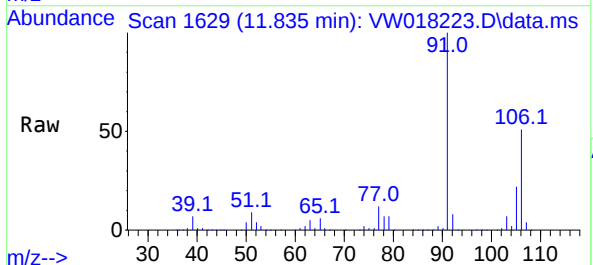
Instrument :
MSVOA_W
ClientSampled :
VSTD025101

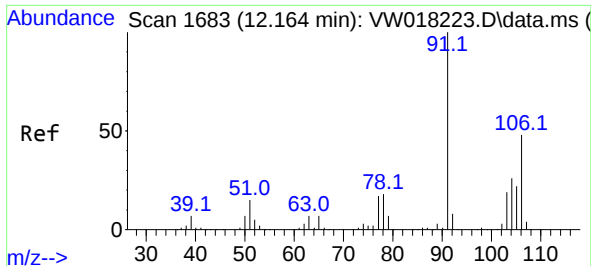
Tgt Ion: 91 Resp: 627805
Ion Ratio Lower Upper
91 100
106 31.5 22.5 41.7



#53
m,p-Xylene
Concen: 23.82 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW018223.D
Acq: 23 Feb 2021 12:00

Tgt Ion:106 Resp: 248706
Ion Ratio Lower Upper
106 100
91 196.5 141.3 262.3

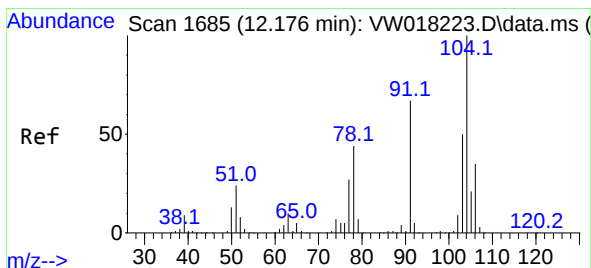
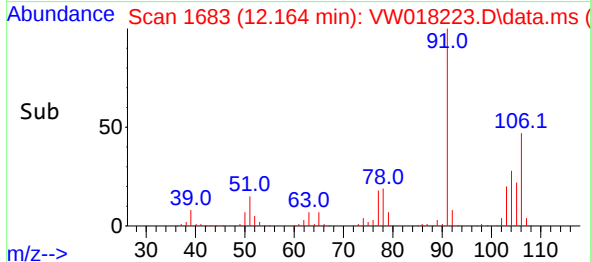
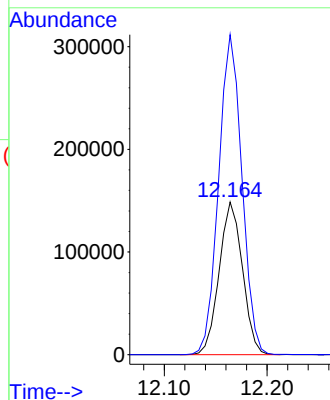
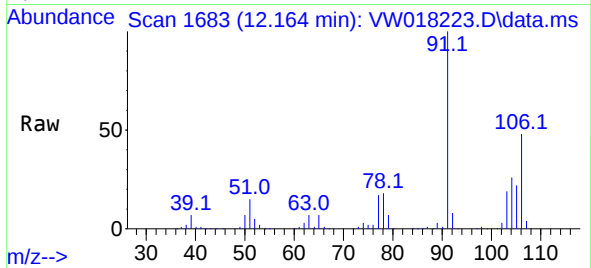




#54
o-Xylene
Concen: 23.71 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW018223.D
Acq: 23 Feb 2021 12:00

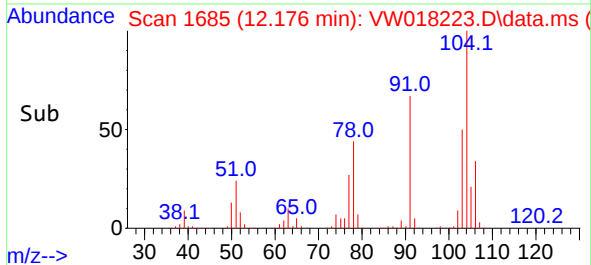
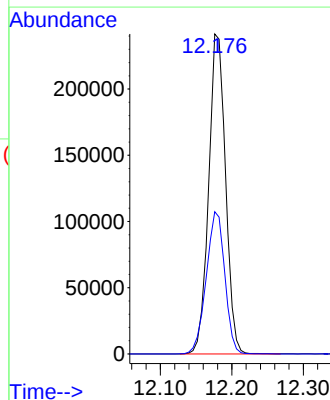
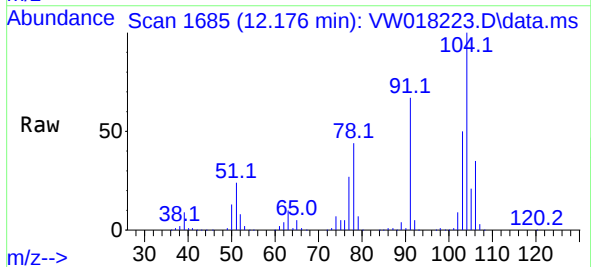
Instrument :
MSVOA_W
ClientSampled :
VSTD025101

Tgt Ion:106 Resp: 233990
Ion Ratio Lower Upper
106 100
91 209.7 150.0 278.6

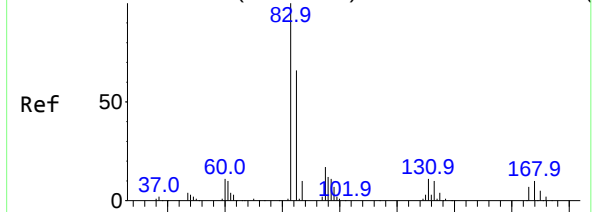


#55
Styrene
Concen: 23.92 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW018223.D
Acq: 23 Feb 2021 12:00

Tgt Ion:104 Resp: 396026
Ion Ratio Lower Upper
104 100
78 44.5 32.5 60.3

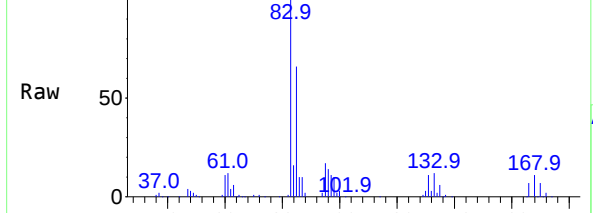


Abundance Scan 1773 (12.713 min): VW018223.D\data.ms (



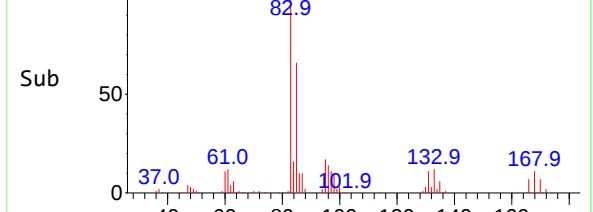
m/z-->

Abundance Scan 1773 (12.713 min): VW018223.D\data.ms



m/z-->

Abundance Scan 1773 (12.713 min): VW018223.D\data.ms (



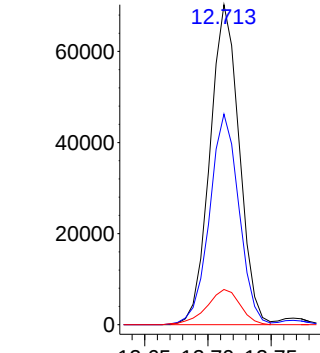
m/z-->

#57

1,1,2,2-Tetrachloroethane
Concen: 24.80 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW018223.D
Acq: 23 Feb 2021 12:00

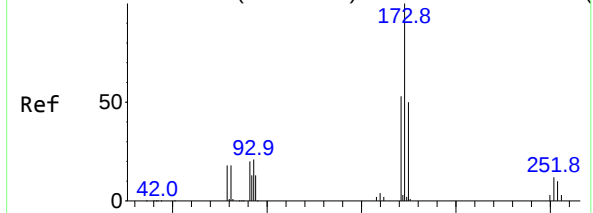
Tgt Ion:	83	Resp:	112918
Ion	Ratio	Lower	Upper
83	100		
85	65.8	44.4	82.4
131	11.0	8.2	12.4

Abundance



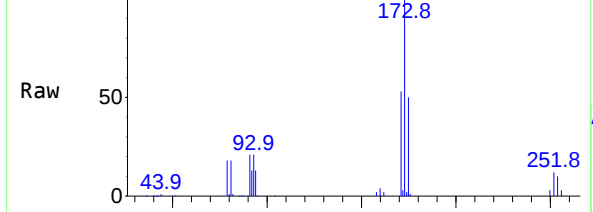
Time-->

Abundance Scan 1713 (12.347 min): VW018223.D\data.ms (



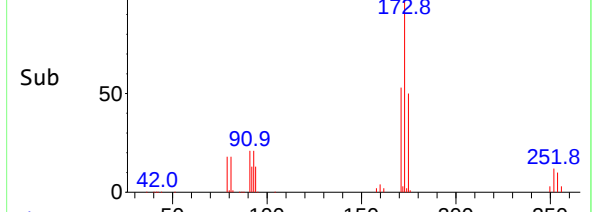
m/z-->

Abundance Scan 1713 (12.347 min): VW018223.D\data.ms



m/z-->

Abundance Scan 1713 (12.347 min): VW018223.D\data.ms (



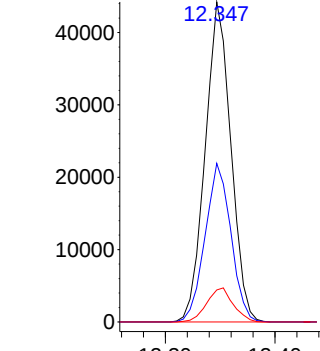
m/z-->

#59

Bromoform
Concen: 25.13 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW018223.D
Acq: 23 Feb 2021 12:00

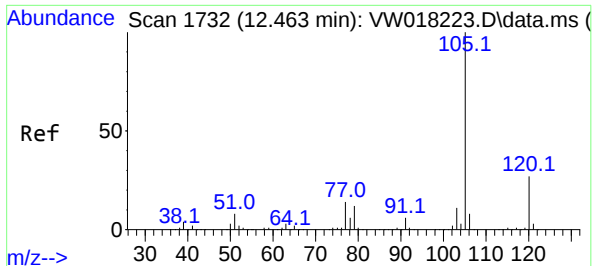
Tgt Ion:	173	Resp:	71999
Ion	Ratio	Lower	Upper
173	100		
175	49.8	37.5	56.3
254	10.9	7.0	10.4#

Abundance



Time-->

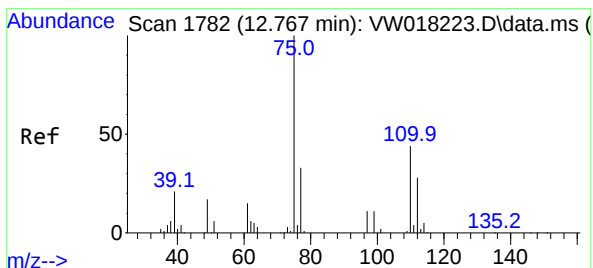
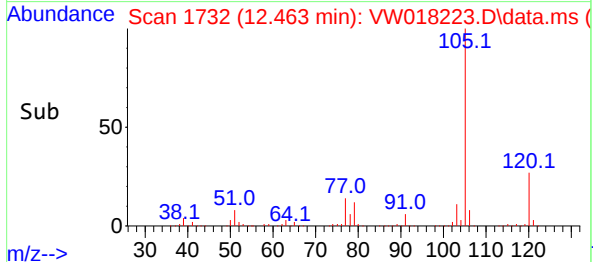
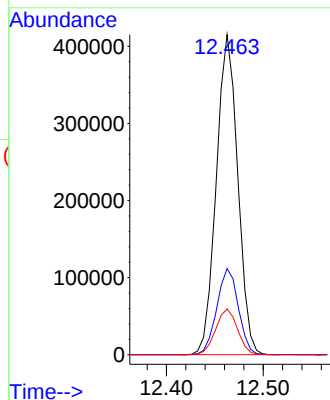
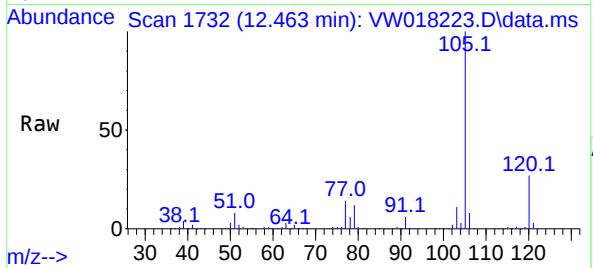
Instrument :
MSVOA_W
ClientSampleId :
VSTD025101



#60
Isopropylbenzene
Concen: 24.26 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW018223.D
Acq: 23 Feb 2021 12:00

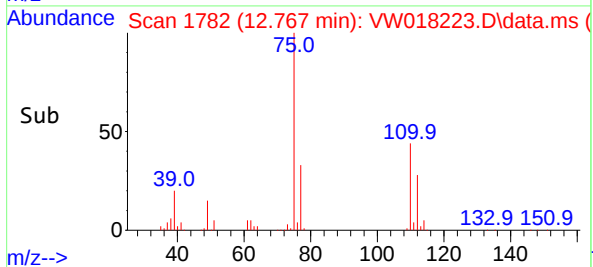
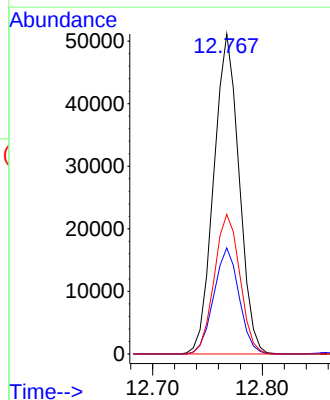
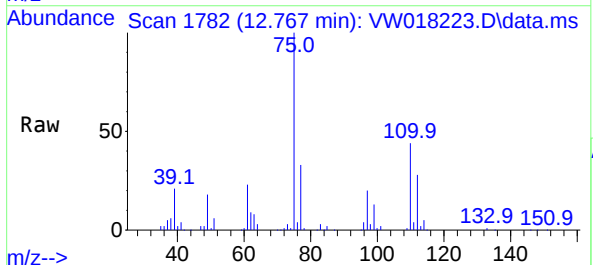
Instrument :
MSVOA_W
ClientSampleId :
VSTD025101

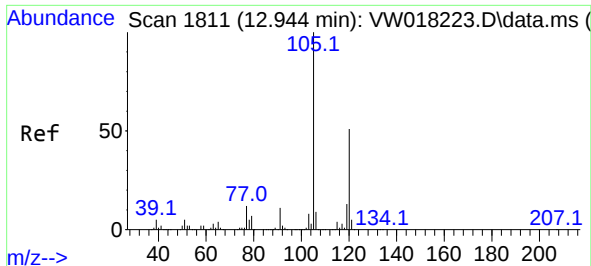
Tgt Ion:105 Resp: 638085
Ion Ratio Lower Upper
105 100
120 26.9 21.1 31.7
77 14.5 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 24.92 ug/L
RT: 12.767 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW018223.D
Acq: 23 Feb 2021 12:00

Tgt Ion: 75 Resp: 82181
Ion Ratio Lower Upper
75 100
77 33.0 25.3 37.9
110 43.9 32.6 48.8

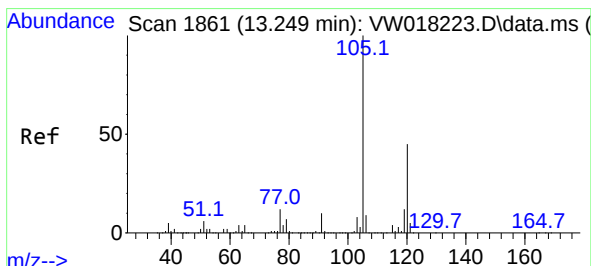
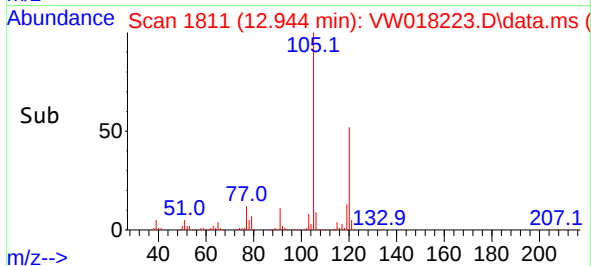
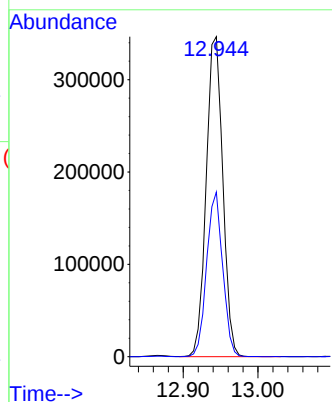
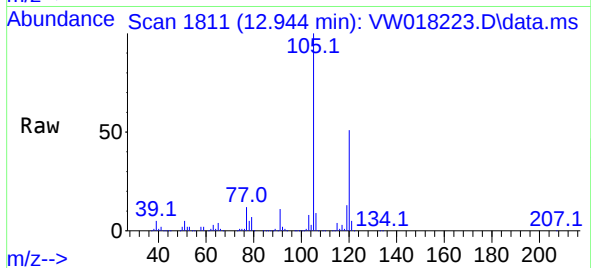




#62
1,3,5-Trimethylbenzene
Concen: 24.27 ug/L
RT: 12.944 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VW018223.D
Acq: 23 Feb 2021 12:00

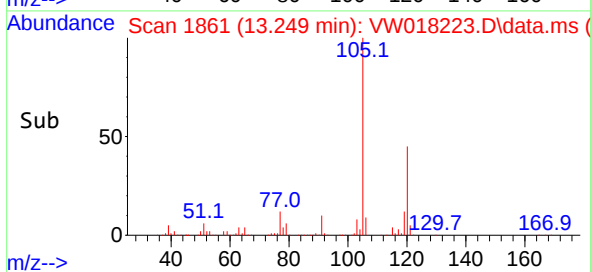
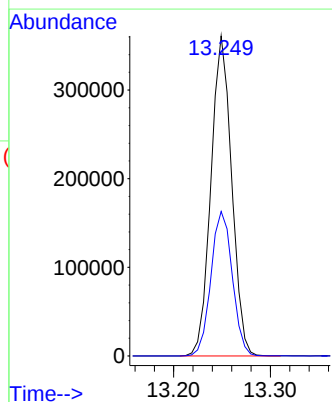
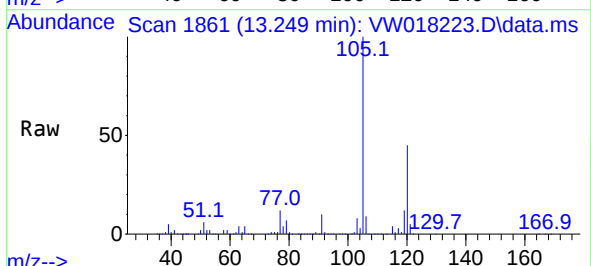
Instrument :
MSVOA_W
ClientSampleId :
VSTD025101

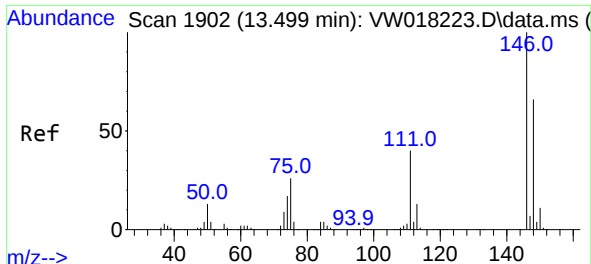
Tgt Ion:105 Resp: 534747
Ion Ratio Lower Upper
105 100
120 49.7 39.0 58.6



#63
1,2,4-Trimethylbenzene
Concen: 24.48 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW018223.D
Acq: 23 Feb 2021 12:00

Tgt Ion:105 Resp: 537678
Ion Ratio Lower Upper
105 100
120 46.5 35.6 53.4

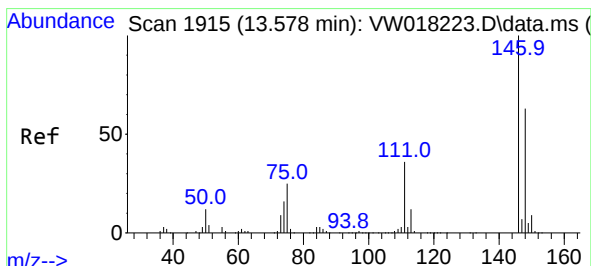
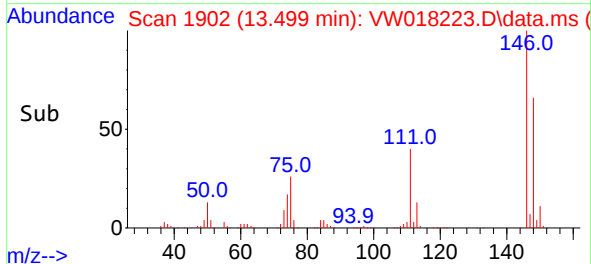
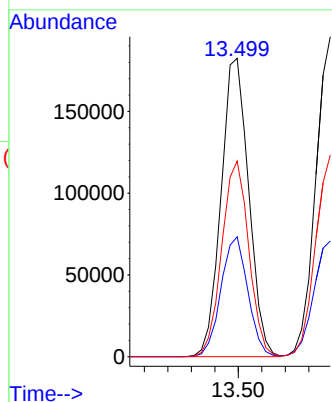
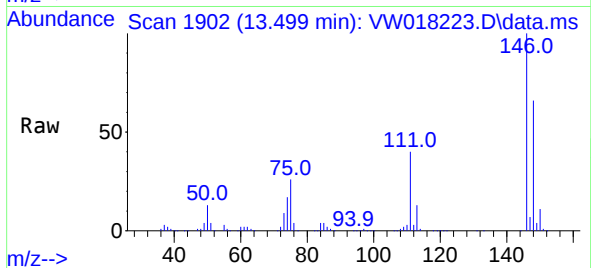




#64
1,3-Dichlorobenzene
Concen: 23.60 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW018223.D
Acq: 23 Feb 2021 12:00

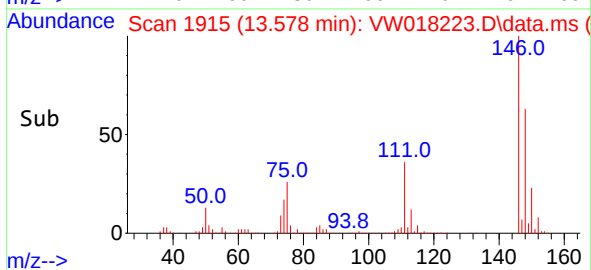
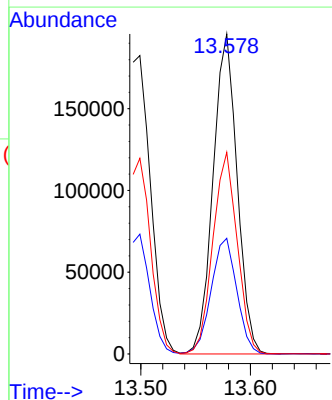
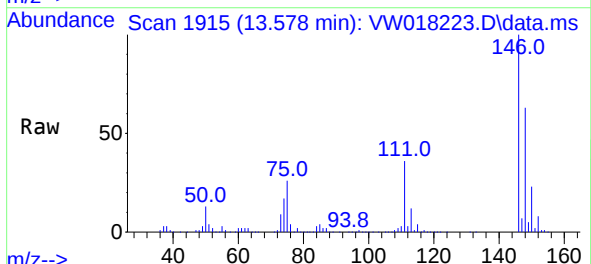
Instrument :
MSVOA_W
ClientSampleId :
VSTD025101

Tgt Ion:146 Resp: 298213
Ion Ratio Lower Upper
146 100
111 40.2 26.7 49.7
148 65.6 41.1 76.3

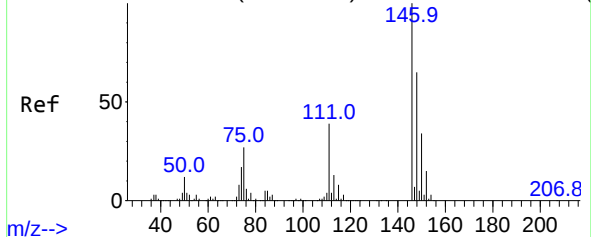


#65
1,4-Dichlorobenzene
Concen: 23.63 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW018223.D
Acq: 23 Feb 2021 12:00

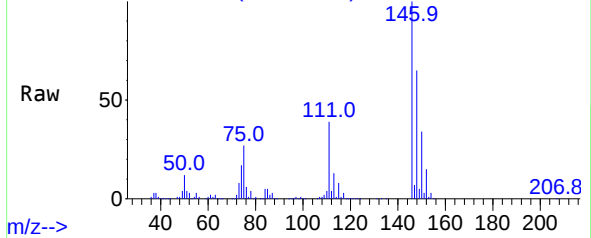
Tgt Ion:146 Resp: 299196
Ion Ratio Lower Upper
146 100
111 36.1 28.8 53.4
148 63.0 46.8 87.0



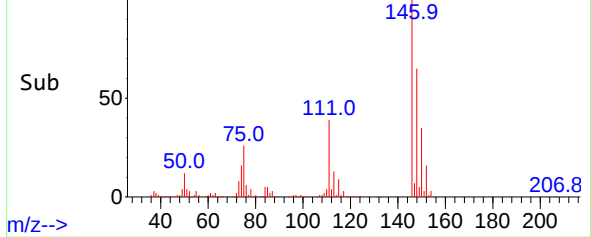
Abundance Scan 1963 (13.871 min): VW018223.D\data.ms (



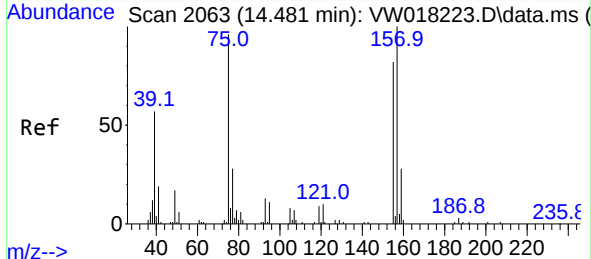
m/z--> Abundance Scan 1963 (13.871 min): VW018223.D\data.ms (



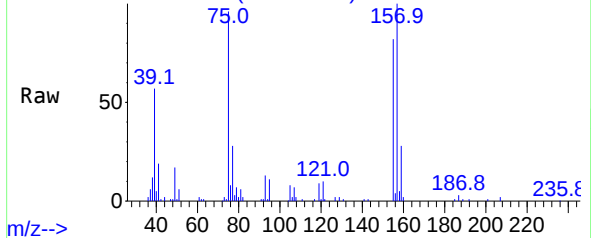
m/z--> Abundance Scan 1963 (13.871 min): VW018223.D\data.ms (



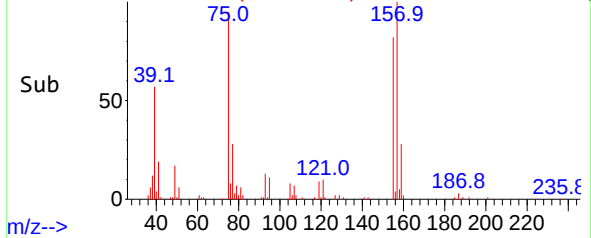
m/z--> Abundance Scan 2063 (14.481 min): VW018223.D\data.ms (



m/z--> Abundance Scan 2063 (14.481 min): VW018223.D\data.ms (



m/z--> Abundance Scan 2063 (14.481 min): VW018223.D\data.ms (



m/z--> Abundance Scan 2063 (14.481 min): VW018223.D\data.ms (



m/z--> Abundance Scan 2063 (14.481 min): VW018223.D\data.ms (

m/z--> Abundance Scan 2063 (14.481 min): VW018223.D\data.ms (

m/z--> Abundance Scan 2063 (14.481 min): VW018223.D\data.ms (

m/z--> Abundance Scan 2063 (14.481 min): VW018223.D\data.ms (

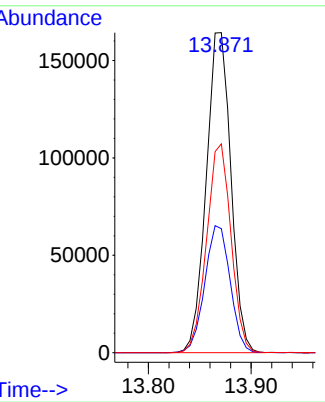
m/z--> Abundance Scan 2063 (14.481 min): VW018223.D\data.ms (

m/z--> Abundance Scan 2063 (14.481 min): VW018223.D\data.ms (

m/z--> Abundance Scan 2063 (14.481 min): VW018223.D\data.ms (

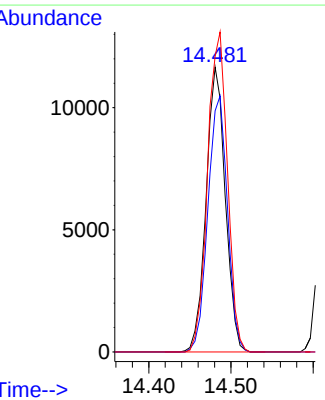
#67
1,2-Dichlorobenzene
Concen: 24.18 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VW018223.D
Acq: 23 Feb 2021 12:00

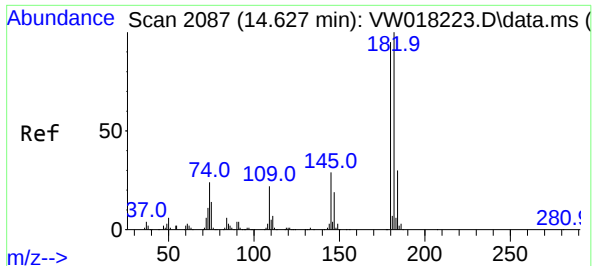
Tgt Ion:	146	Resp:	274326
Ion	Ratio	Lower	Upper
146	100		
111	38.7	33.2	49.8
148	65.2	50.4	75.6



#68
1,2-Dibromo-3-chloropropane
Concen: 26.41 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW018223.D
Acq: 23 Feb 2021 12:00

Tgt Ion:	75	Resp:	18933
Ion	Ratio	Lower	Upper
75	100		
155	84.7	59.4	89.0
157	103.8	72.2	108.2



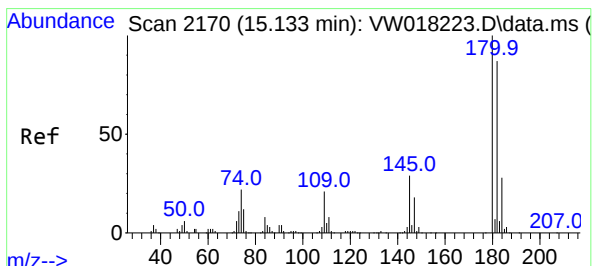
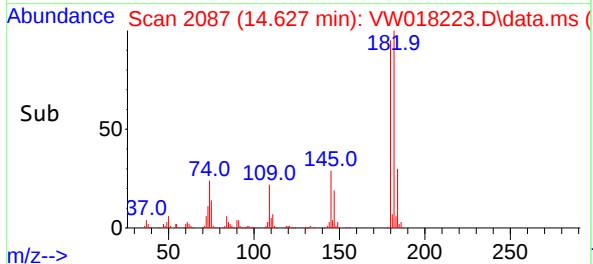
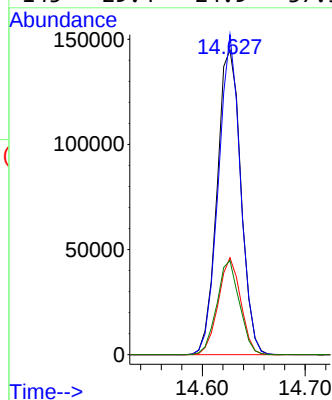
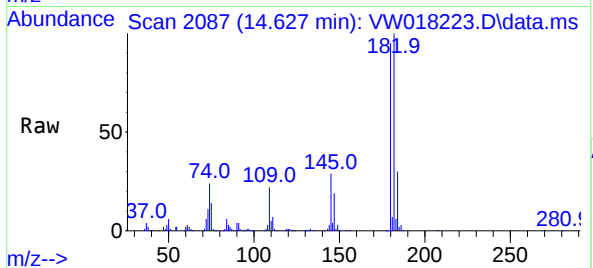


#69
1,3,5-Trichlorobenzene
Concen: 23.96 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW018223.D
Acq: 23 Feb 2021 12:00

Instrument :
MSVOA_W
ClientSampleId :
VSTD025101

Tgt Ion:180 Resp: 232941

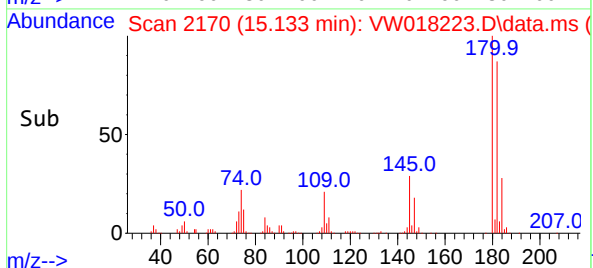
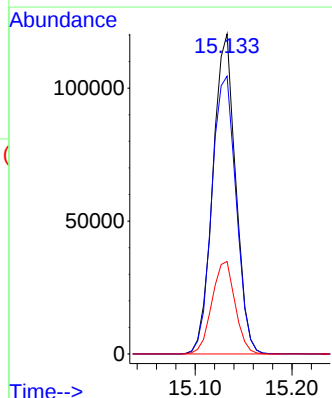
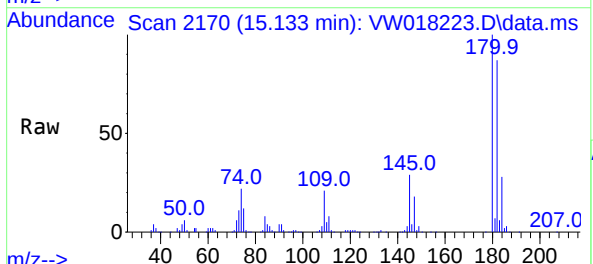
Ion	Ratio	Lower	Upper
180	100		
182	97.2	73.4	110.2
184	30.0	23.6	35.4
145	29.4	24.9	37.3

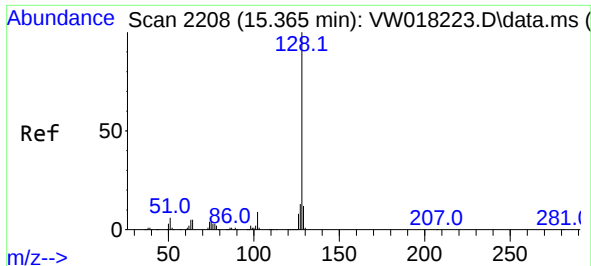


#70
1,2,4-trichlorobenzene
Concen: 24.50 ug/L
RT: 15.133 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VW018223.D
Acq: 23 Feb 2021 12:00

Tgt Ion:180 Resp: 196997

Ion	Ratio	Lower	Upper
180	100		
182	92.5	74.7	112.1
145	29.4	25.0	37.4

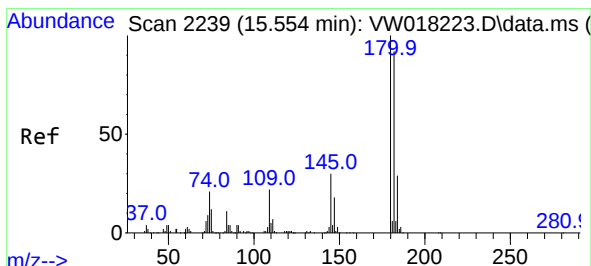
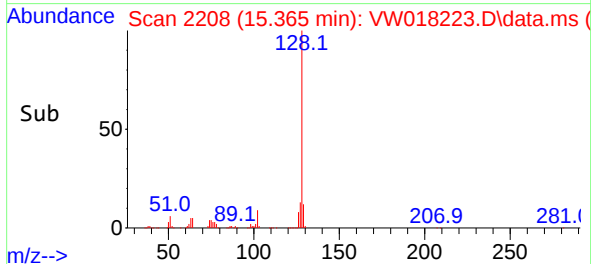
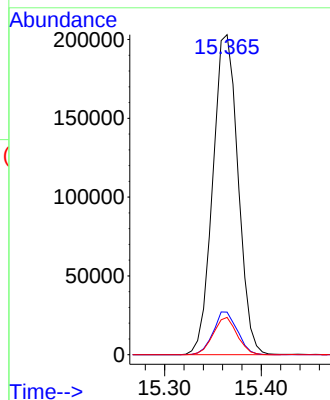
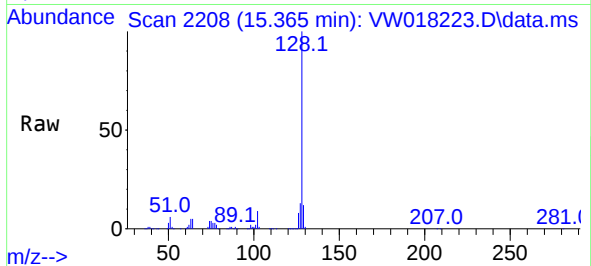




#71
Naphthalene
Concen: 26.07 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW018223.D
Acq: 23 Feb 2021 12:00

Instrument :
MSVOA_W
ClientSampleId :
VSTD025101

Tgt Ion:128 Resp: 368159
Ion Ratio Lower Upper
128 100
127 12.8 10.6 15.8
129 11.0 9.0 13.6



#72
1,2,3-Trichlorobenzene
Concen: 25.05 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VW018223.D
Acq: 23 Feb 2021 12:00

Tgt Ion:180 Resp: 176420
Ion Ratio Lower Upper
180 100
182 93.3 76.7 115.1
145 31.2 28.9 43.3

