

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041521\
 Data File : VW018663.D
 Acq On : 15 Apr 2021 16:58
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 16 01:45:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Apr 15 11:17:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	501179	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	465052	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	246284	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	166578	21.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.48%
7) Chloroethane-d5	2.891	69	144546	21.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.64%
11) 1,1-Dichloroethene-d2	4.025	63	299549	22.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.60%
21) 2-Butanone-d5	7.079	46	98265	56.68	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.36%
24) Chloroform-d	7.646	84	341201	24.81	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.24%
26) 1,2-Dichloroethane-d4	8.305	65	194455	25.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.60%
32) Benzene-d6	8.274	84	664129	24.34	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.36%
36) 1,2-Dichloropropane-d6	9.274	67	201486	24.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.04%
41) Toluene-d8	10.323	98	626922	25.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.52%
43) trans-1,3-Dichloroprop...	10.579	79	92563	26.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	105.80%
47) 2-Hexanone-d5	10.920	63	84631	59.20	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.40%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	190482	27.74	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.96%
66) 1,2-Dichlorobenzene-d4	13.853	152	217042	25.09	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.36%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.013	85	123663	25.92	ug/L	100
3) Chloromethane	2.214	50	128205	19.67	ug/L	98
5) Vinyl chloride	2.367	62	205098	21.84	ug/L	99
6) Bromomethane	2.781	94	145671	19.46	ug/L	96
8) Chloroethane	2.928	64	129272	21.57	ug/L	96
9) Trichlorofluoromethane	3.257	101	110411	20.99	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	169945	25.45	ug/L	96
12) 1,1-Dichloroethene	4.050	96	162390	24.65	ug/L	98
13) Acetone	4.123	43	59062	46.93	ug/L	85
14) Carbon disulfide	4.391	76	452300	23.07	ug/L	100
15) Methyl Acetate	4.665	43	75875	26.44	ug/L	95
16) Methylene chloride	4.921	84	176857	21.53	ug/L	90
17) trans-1,2-Dichloroethene	5.421	96	173144	24.44	ug/L	98
18) Methyl tert-butyl Ether	5.427	73	217768	22.97	ug/L	97
19) 1,1-Dichloroethane	6.214	63	310716	23.84	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	189013	25.08	ug/L	97
22) 2-Butanone	7.171	43	101684	53.18	ug/L	95
23) Bromochloromethane	7.512	128	84366	25.85	ug/L	93
25) Chloroform	7.677	83	332472	25.14	ug/L	99

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 Response via : Initial Calibration

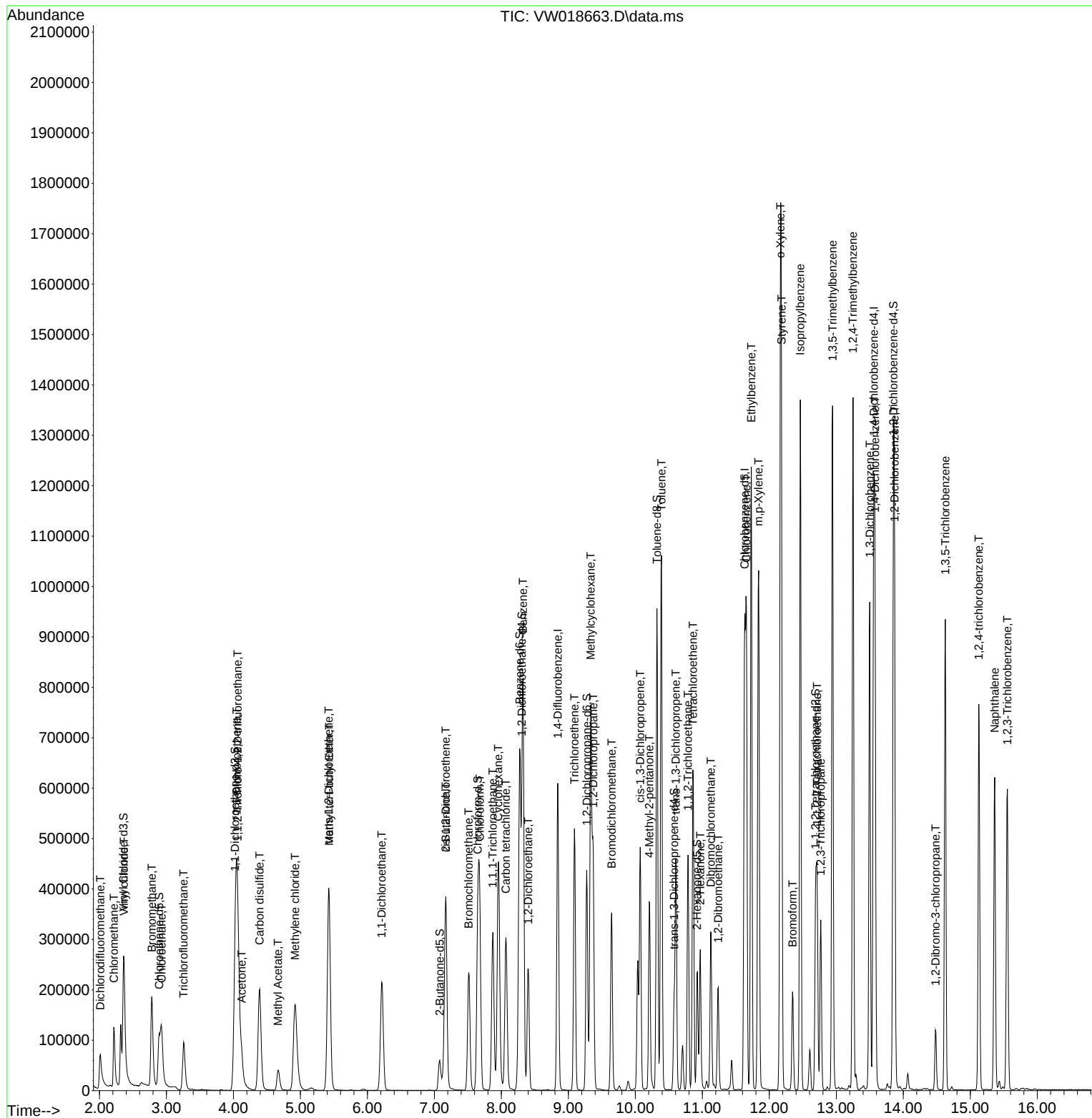
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.402	62	224261	24.91	ug/L	98
29) Cyclohexane	7.951	56	270460	23.61	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	252242	24.79	ug/L	99
31) Carbon tetrachloride	8.067	117	233187	25.41	ug/L	99
33) Benzene	8.323	78	714598	24.47	ug/L	100
34) Trichloroethene	9.091	95	185787	24.71	ug/L	94
35) Methylcyclohexane	9.335	83	315353	24.13	ug/L	100
37) 1,2-Dichloropropane	9.372	63	178207	24.10	ug/L	98
38) Bromodichloromethane	9.646	83	238287	25.32	ug/L	93
39) cis-1,3-Dichloropropene	10.073	75	281505	25.65	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	231705	51.01	ug/L	93
42) Toluene	10.390	91	789546	25.19	ug/L	100
44) trans-1,3-Dichloropropene	10.603	75	248502	25.94	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	142540	25.99	ug/L	97
46) Tetrachloroethene	10.859	164	139073	26.18	ug/L	94
48) 2-Hexanone	10.969	43	163129	56.82	ug/L	92
49) Dibromochloromethane	11.128	129	160064	27.39	ug/L	93
50) 1,2-Dibromoethane	11.237	107	137666	26.38	ug/L	100
51) Chlorobenzene	11.658	112	480466	24.89	ug/L	98
52) Ethylbenzene	11.731	91	870501	25.14	ug/L	97
53) m,p-Xylene	11.841	106	322986	25.42	ug/L	95
54) o-Xylene	12.164	106	315113	25.84	ug/L	97
55) Styrene	12.182	104	538692	25.54	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	185483	27.15	ug/L	99
59) Bromoform	12.347	173	88032	25.07	ug/L	99
60) Isopropylbenzene	12.463	105	850612	23.48	ug/L	100
61) 1,2,3-Trichloropropane	12.767	75	138842	24.67	ug/L	98
62) 1,3,5-Trimethylbenzene	12.944	105	719836	23.99	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	731515	24.43	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	373608	24.34	ug/L	96
65) 1,4-Dichlorobenzene	13.578	146	367500	23.67	ug/L	94
67) 1,2-Dichlorobenzene	13.871	146	348243	24.66	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	30451	26.04	ug/L	93
69) 1,3,5-Trichlorobenzene	14.627	180	274785	25.07	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	230946	25.89	ug/L	100
71) Naphthalene	15.365	128	508144	27.04	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	193898	24.63	ug/L	99

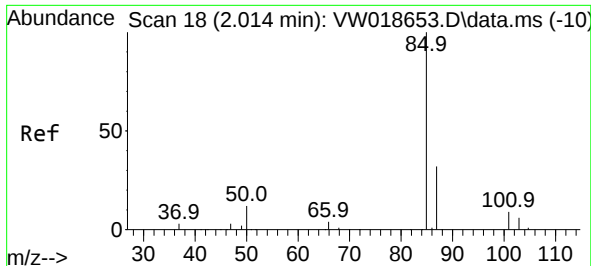
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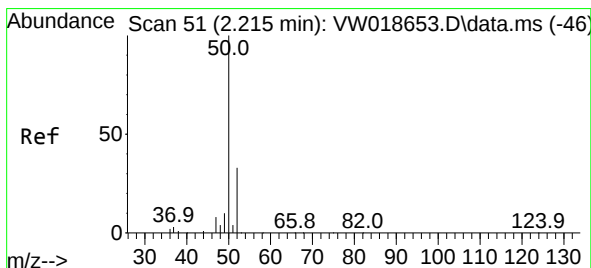
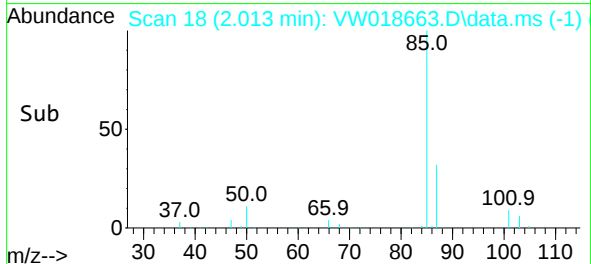
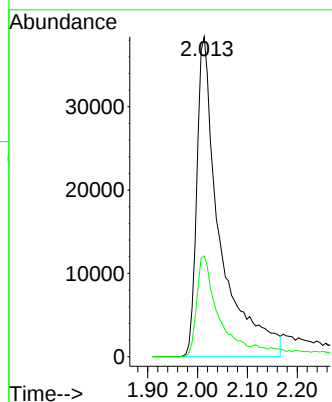
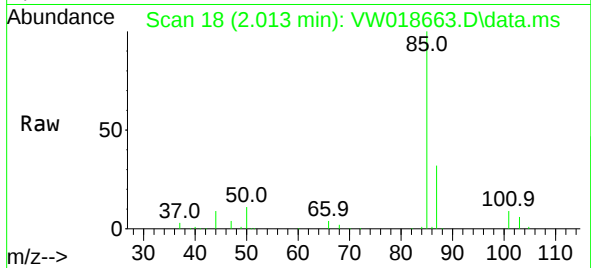




#2
 Dichlorodifluoromethane
 Concen: 25.92 ug/L
 RT: 2.013 min Scan# 18
 Delta R.T. -0.000 min
 Lab File: VW018663.D
 Acq: 15 Apr 2021 16:58

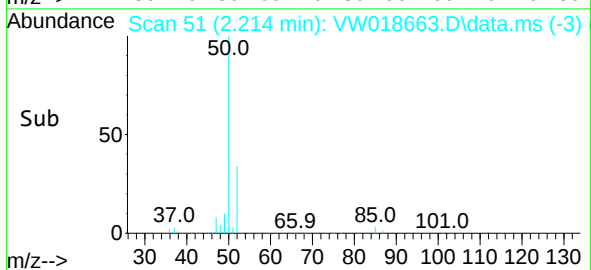
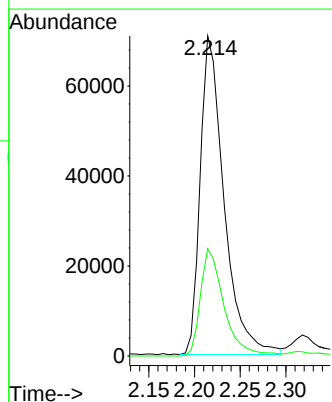
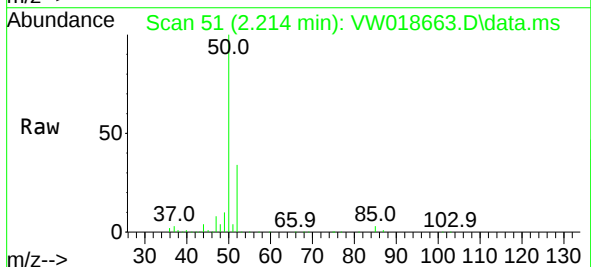
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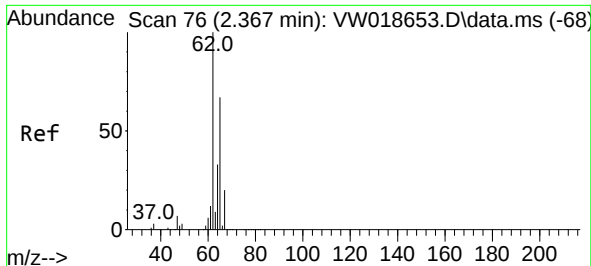
Tgt Ion: 85 Resp: 123663
 Ion Ratio Lower Upper
 85 100
 87 28.9 23.3 34.9



#3
 Chloromethane
 Concen: 19.67 ug/L
 RT: 2.214 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VW018663.D
 Acq: 15 Apr 2021 16:58

Tgt Ion: 50 Resp: 128205
 Ion Ratio Lower Upper
 50 100
 52 33.6 22.5 41.9

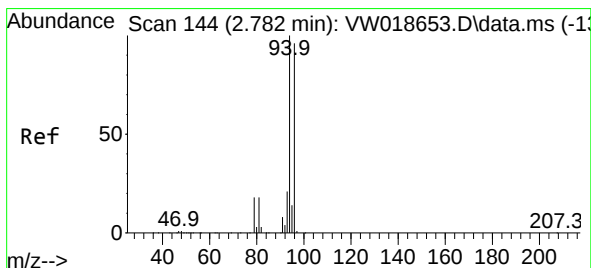
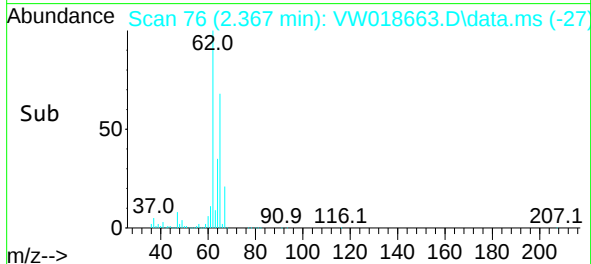
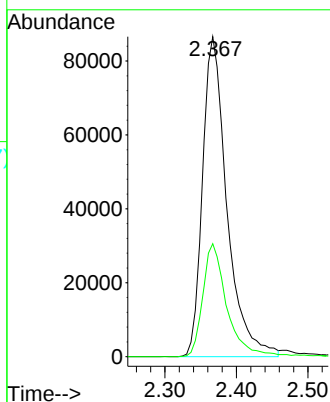
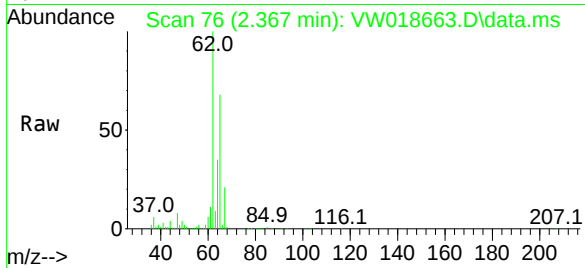




#5
 Vinyl chloride
 Concen: 21.84 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VW018663.D
 Acq: 15 Apr 2021 16:58

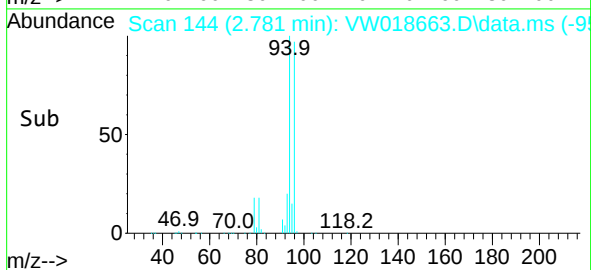
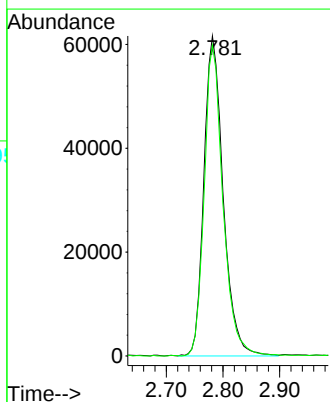
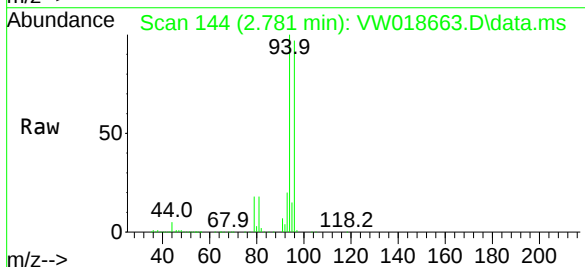
Instrument :
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 ClientSampled :

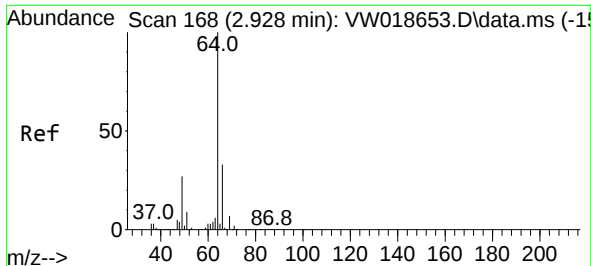
Tgt Ion: 62 Resp: 205098
 Ion Ratio Lower Upper
 62 100
 64 35.3 24.2 45.0



#6
 Bromomethane
 Concen: 19.46 ug/L
 RT: 2.781 min Scan# 144
 Delta R.T. -0.000 min
 Lab File: VW018663.D
 Acq: 15 Apr 2021 16:58

Tgt Ion: 94 Resp: 145671
 Ion Ratio Lower Upper
 94 100
 96 97.1 65.3 121.3

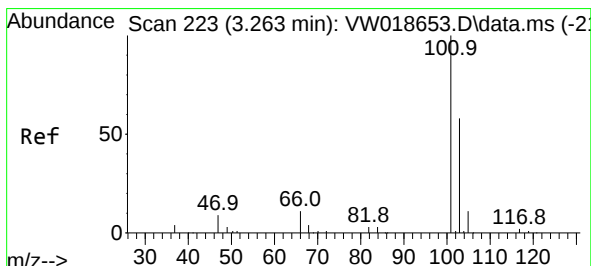
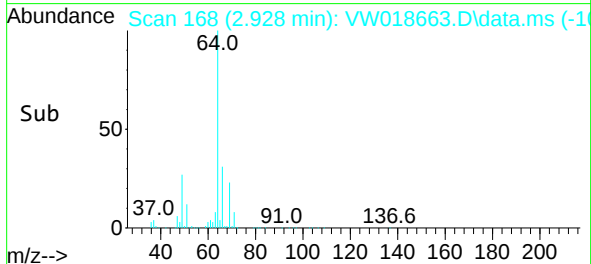
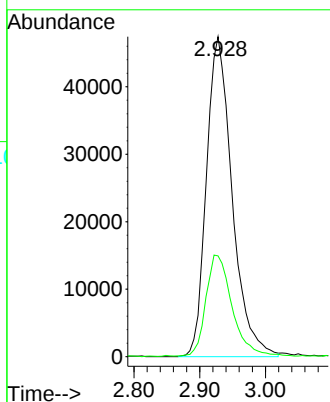
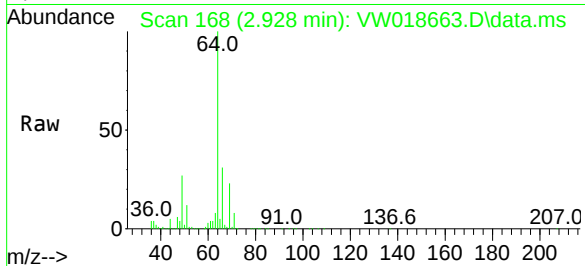




#8
Chloroethane
Concen: 21.57 ug/L
RT: 2.928 min Scan# 168
Delta R.T. -0.000 min
Lab File: VW018663.D
Acq: 15 Apr 2021 16:58

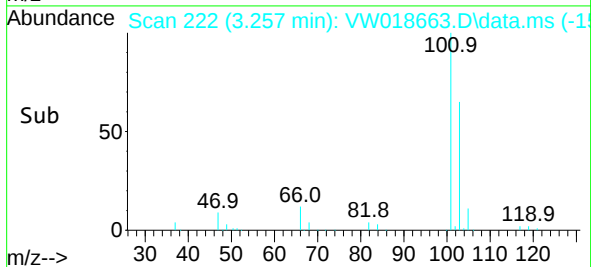
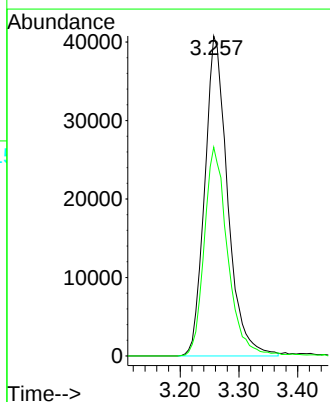
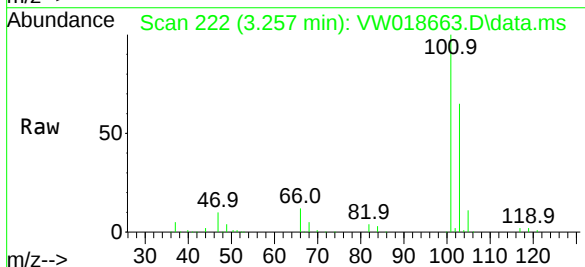
Instrument :
MSVOA_W
ClientSampled :

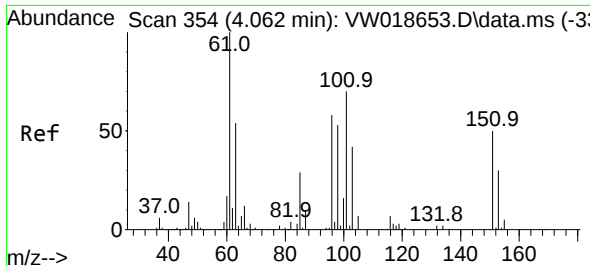
Tgt Ion: 64 Resp: 129272
Ion Ratio Lower Upper
64 100
66 31.5 23.4 43.6



#9
Trichlorofluoromethane
Concen: 20.99 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.006 min
Lab File: VW018663.D
Acq: 15 Apr 2021 16:58

Tgt Ion:101 Resp: 110411
Ion Ratio Lower Upper
101 100
103 66.0 51.0 76.4

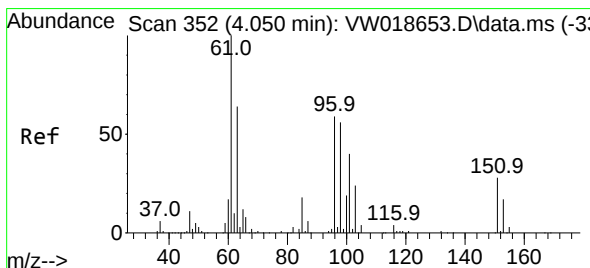
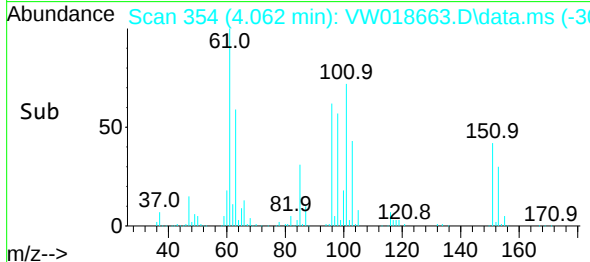
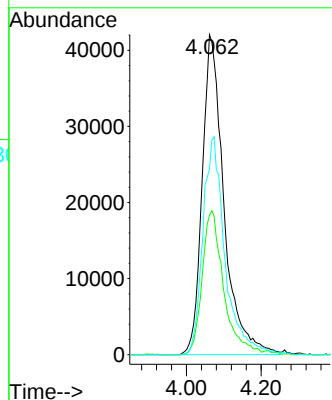
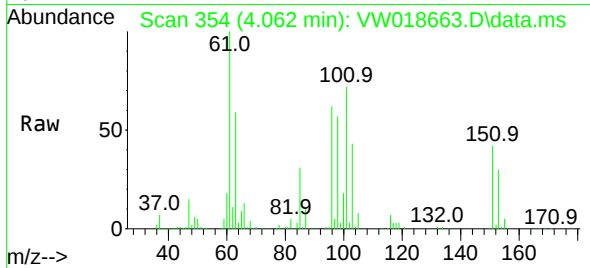




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.45 ug/L
 RT: 4.062 min Scan# 354
 Delta R.T. -0.006 min
 Lab File: VW018663.D
 Acq: 15 Apr 2021 16:58

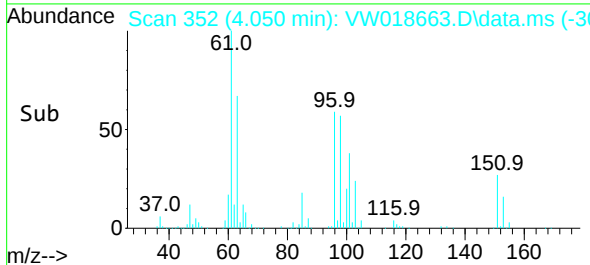
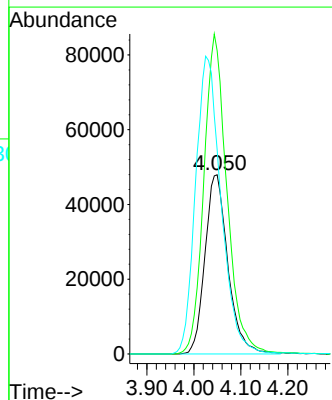
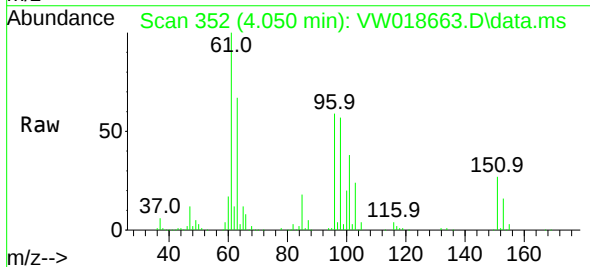
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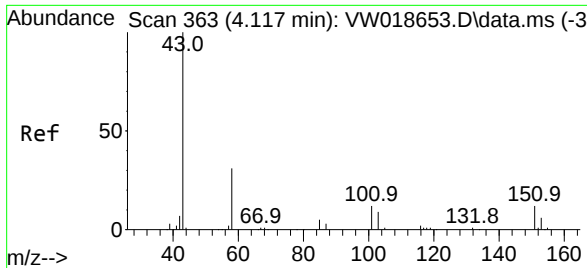
Tgt Ion:101 Resp: 169945
 Ion Ratio Lower Upper
 101 100
 85 43.9 38.2 57.2
 151 68.7 56.6 85.0



#12
 1,1-Dichloroethene
 Concen: 24.65 ug/L
 RT: 4.050 min Scan# 352
 Delta R.T. 0.006 min
 Lab File: VW018663.D
 Acq: 15 Apr 2021 16:58

Tgt Ion: 96 Resp: 162390
 Ion Ratio Lower Upper
 96 100
 61 169.1 118.1 219.3
 63 113.9 83.7 155.5

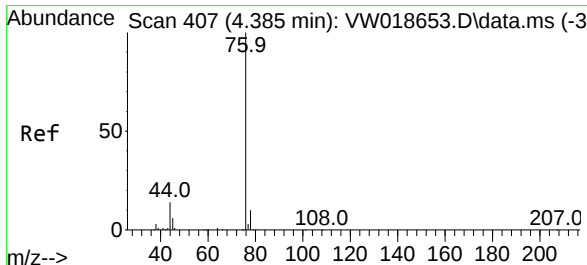
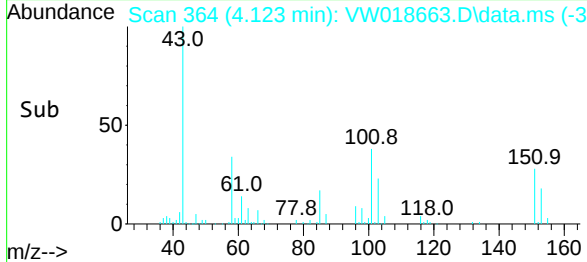
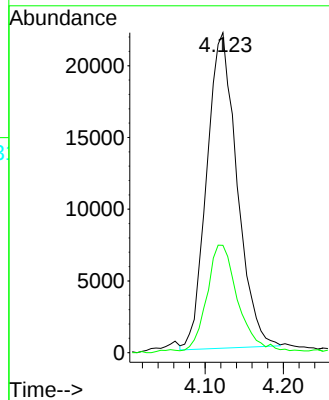
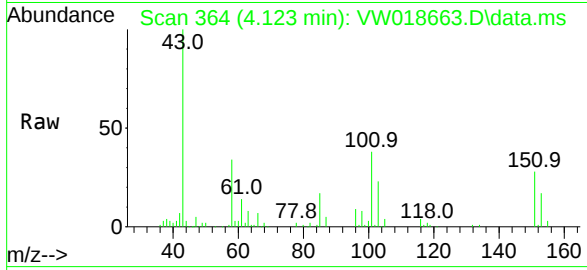




#13
Acetone
Concen: 46.93 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.006 min
Lab File: VW018663.D
Acq: 15 Apr 2021 16:58

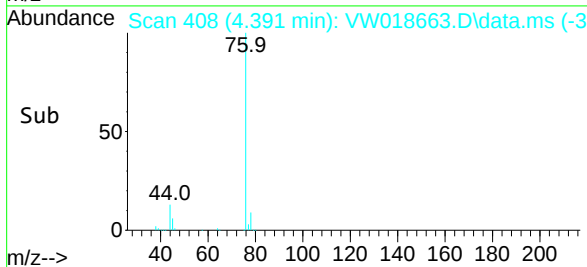
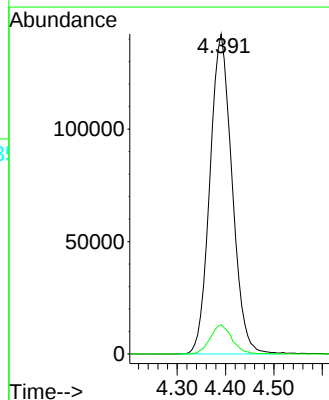
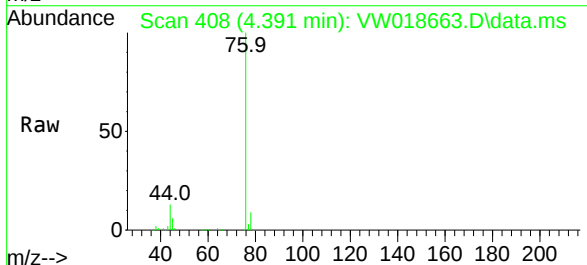
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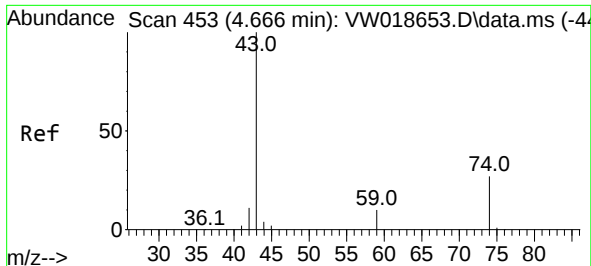
Tgt Ion: 43 Resp: 59062
Ion Ratio Lower Upper
43 100
58 34.9 0.0 53.8



#14
Carbon disulfide
Concen: 23.07 ug/L
RT: 4.391 min Scan# 408
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 452300
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0

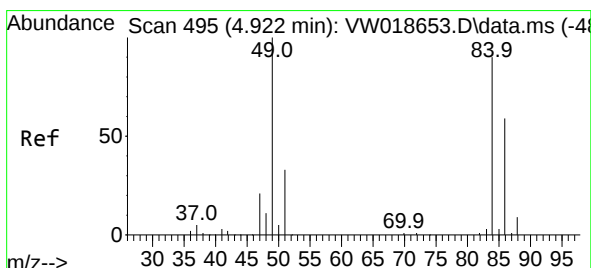
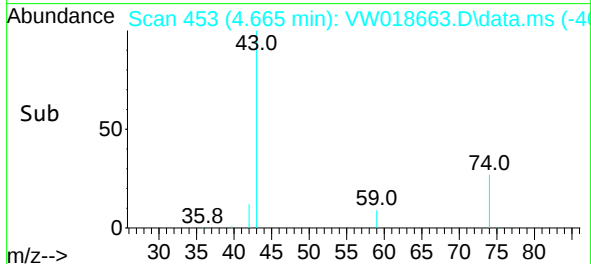
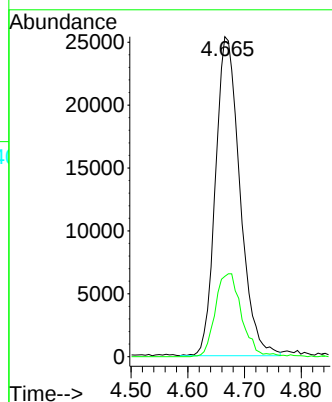
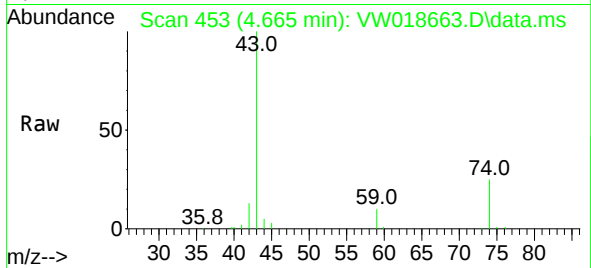




#15
Methyl Acetate
Concen: 26.44 ug/L
RT: 4.665 min Scan# 453
Delta R.T. -0.006 min
Lab File: VW018663.D
Acq: 15 Apr 2021 16:58

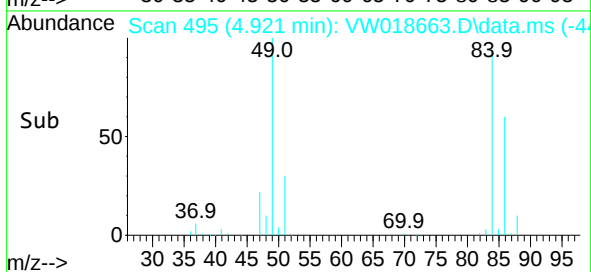
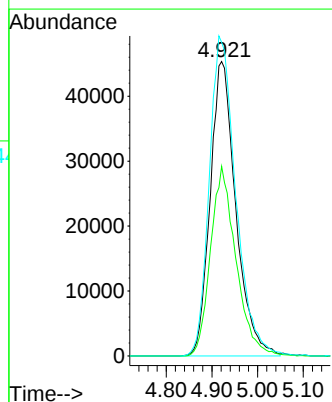
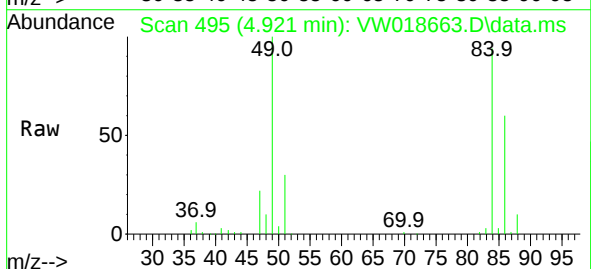
Instrument :
MSVOA_W
ClientSampled :

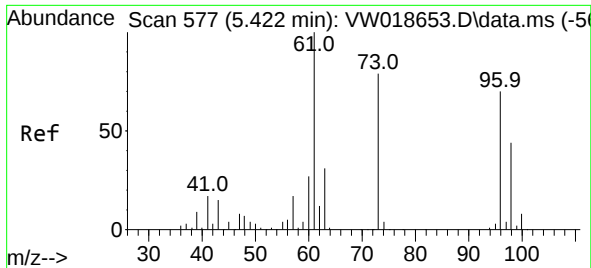
Tgt Ion: 43 Resp: 75875
Ion Ratio Lower Upper
43 100
74 27.5 20.0 30.0



#16
Methylene chloride
Concen: 21.53 ug/L
RT: 4.921 min Scan# 495
Delta R.T. -0.000 min
Lab File: VW018663.D
Acq: 15 Apr 2021 16:58

Tgt Ion: 84 Resp: 176857
Ion Ratio Lower Upper
84 100
86 64.4 45.3 84.1
49 106.5 86.6 160.8

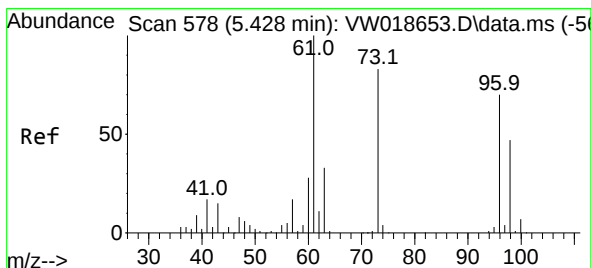
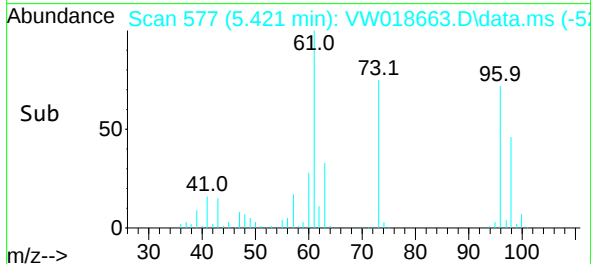
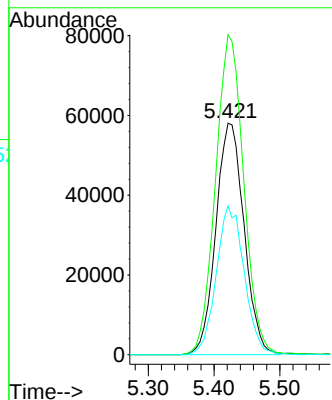
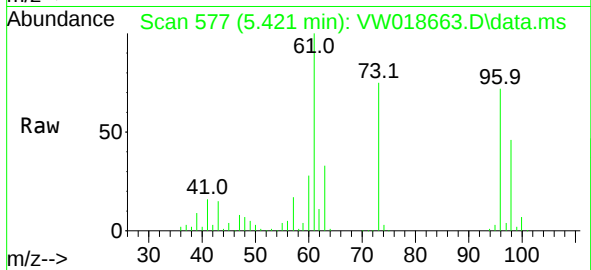




#17
trans-1,2-Dichloroethene
Concen: 24.44 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW018663.D
Acq: 15 Apr 2021 16:58

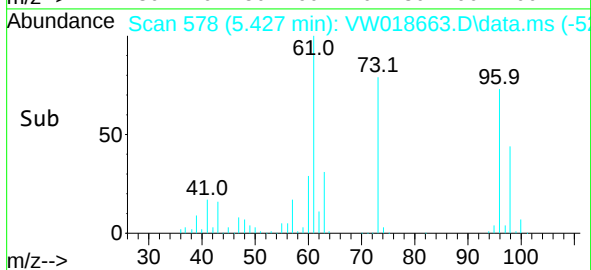
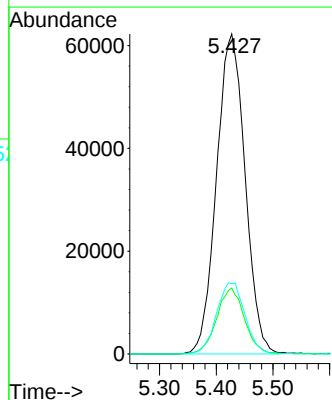
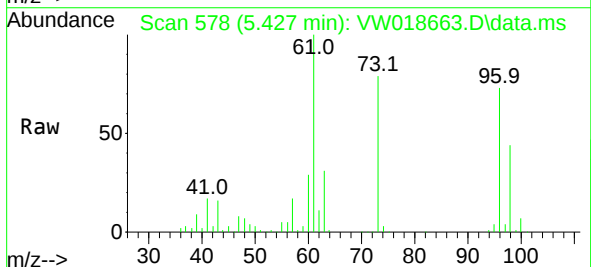
Instrument :
MSVOA_W
ClientSampled :

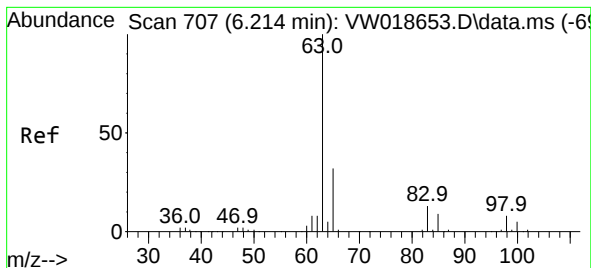
Tgt Ion: 96 Resp: 173144
Ion Ratio Lower Upper
96 100
61 138.2 98.3 182.7
98 64.2 46.1 85.7



#18
Methyl tert-butyl Ether
Concen: 22.97 ug/L
RT: 5.427 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW018663.D
Acq: 15 Apr 2021 16:58

Tgt Ion: 73 Resp: 217768
Ion Ratio Lower Upper
73 100
43 19.9 17.7 26.5
57 22.2 17.0 25.4

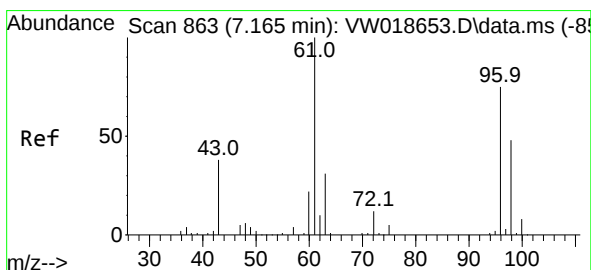
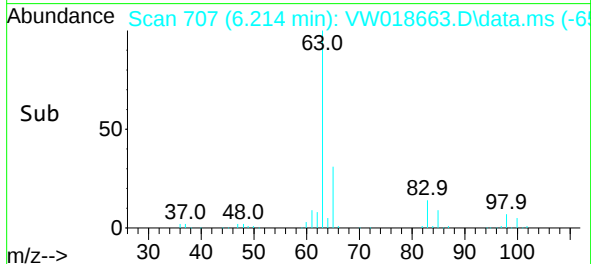
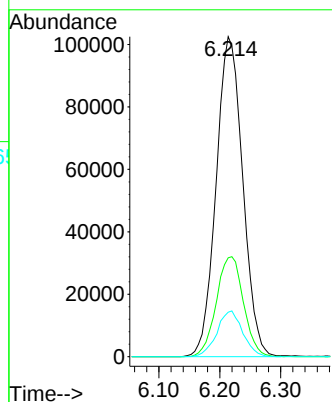
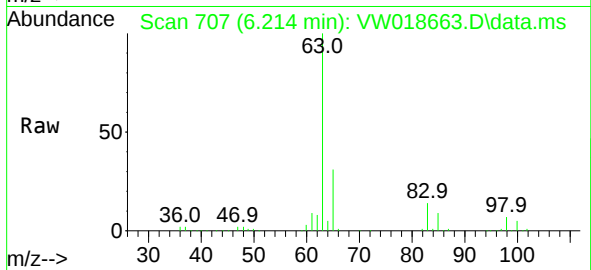




#19
1,1-Dichloroethane
Concen: 23.84 ug/L
RT: 6.214 min Scan# 707
Delta R.T. -0.000 min
Lab File: VW018663.D
Acq: 15 Apr 2021 16:58

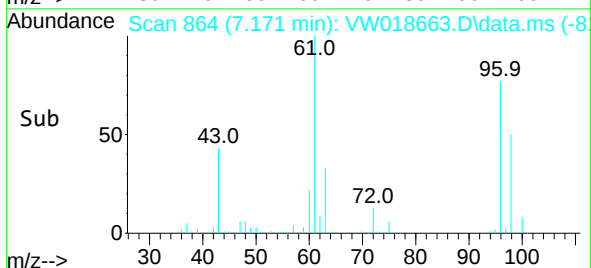
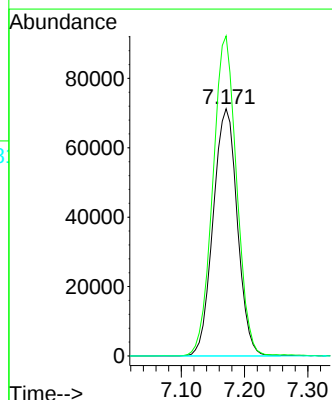
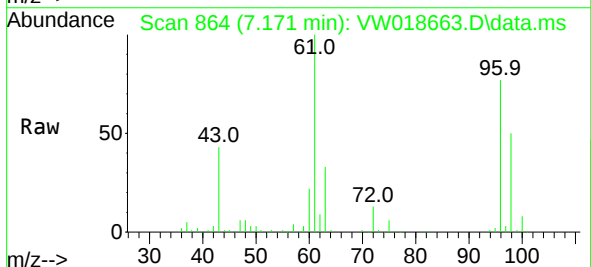
Instrument :
MSVOA_W
ClientSampled :

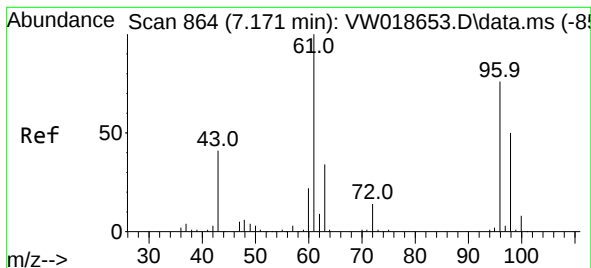
Tgt Ion: 63 Resp: 310716
Ion Ratio Lower Upper
63 100
65 30.9 22.9 42.5
83 13.9 10.2 19.0



#20
cis-1,2-Dichloroethene
Concen: 25.08 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW018663.D
Acq: 15 Apr 2021 16:58

Tgt Ion: 96 Resp: 189013
Ion Ratio Lower Upper
96 100
61 129.5 88.5 164.3
68 0.0 0.0 0.0





#22

2-Butanone

Concen: 53.18 ug/L

RT: 7.171 min Scan# 864

Delta R.T. -0.006 min

Lab File: VW018663.D

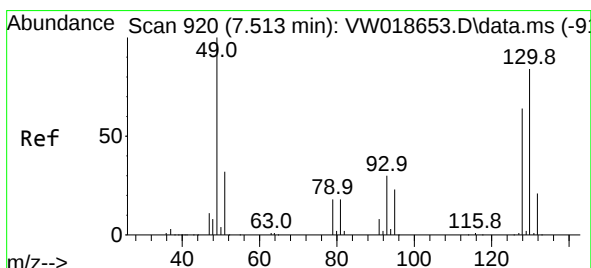
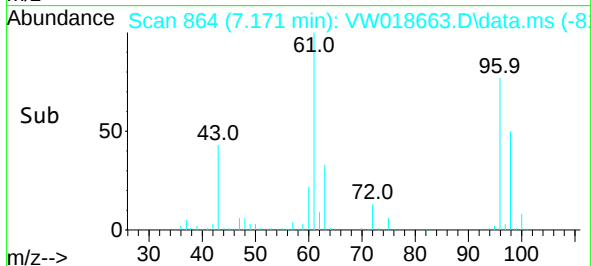
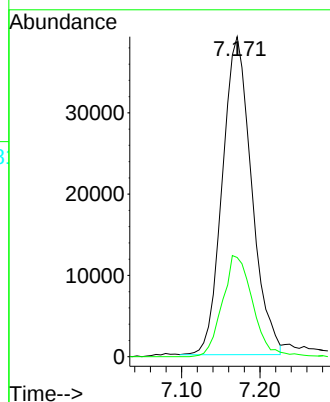
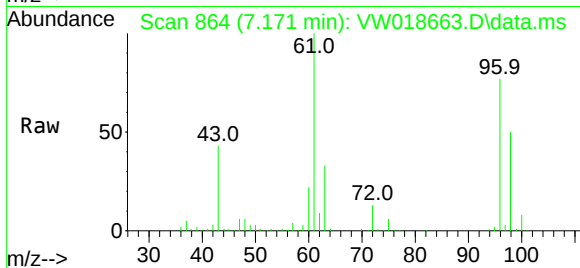
Acq: 15 Apr 2021 16:58

Tgt Ion: 43 Resp: 101684

Ion Ratio Lower Upper

43 100

72 32.6 14.9 44.7



#23

Bromochloromethane

Concen: 25.85 ug/L

RT: 7.512 min Scan# 920

Delta R.T. -0.006 min

Lab File: VW018663.D

Acq: 15 Apr 2021 16:58

Tgt Ion: 128 Resp: 84366

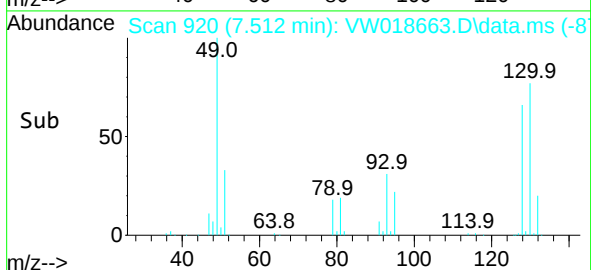
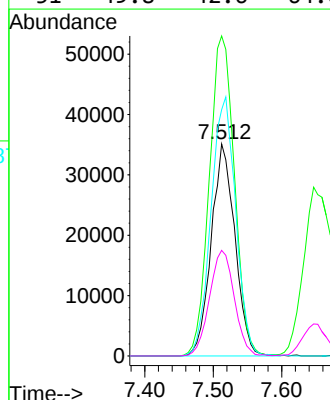
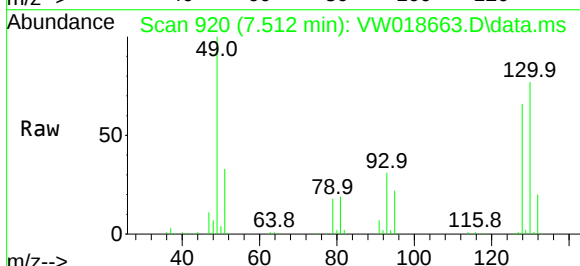
Ion Ratio Lower Upper

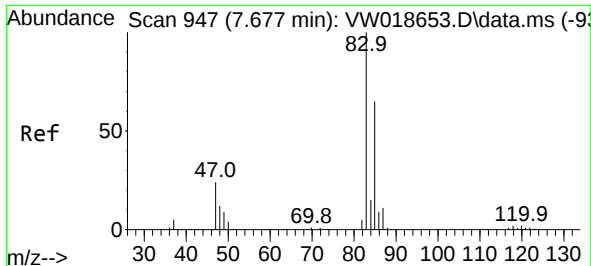
128 100

49 151.0 116.3 215.9

130 116.2 82.4 153.0

51 49.8 42.6 64.0

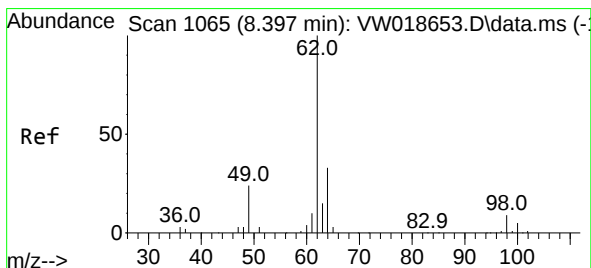
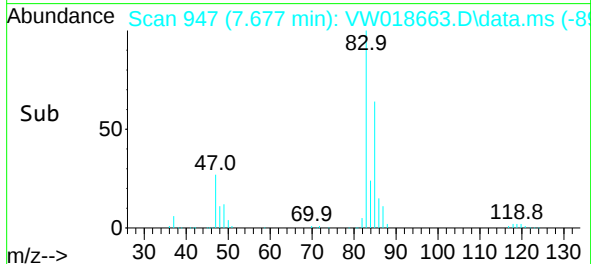
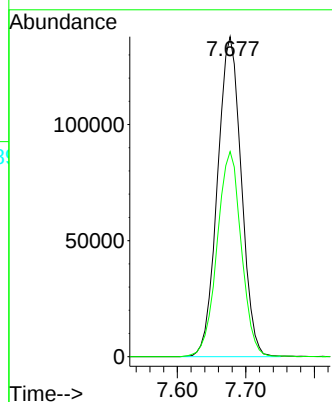
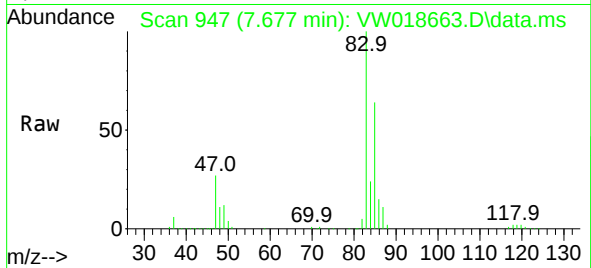




#25
Chloroform
Concen: 25.14 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW018663.D
Acq: 15 Apr 2021 16:58

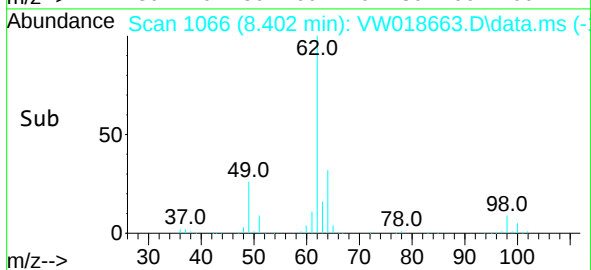
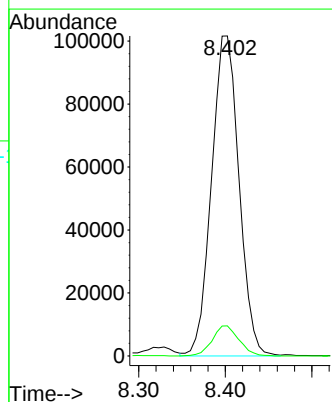
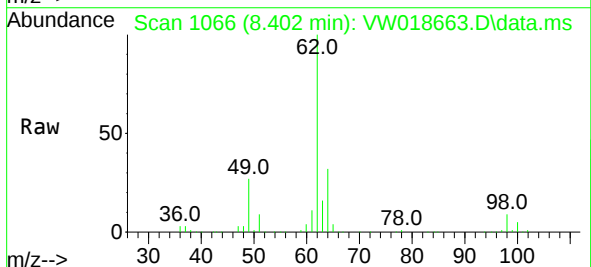
Instrument :
MSVOA_W
ClientSampled :

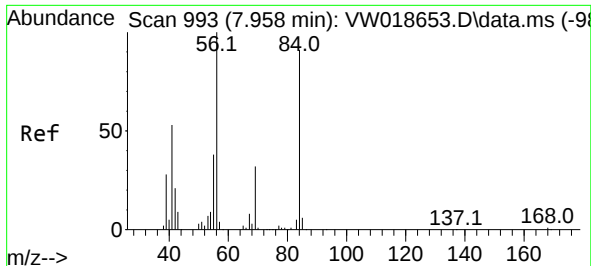
Tgt Ion: 83 Resp: 332472
Ion Ratio Lower Upper
83 100
85 64.1 44.6 82.8



#27
1,2-Dichloroethane
Concen: 24.91 ug/L
RT: 8.402 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW018663.D
Acq: 15 Apr 2021 16:58

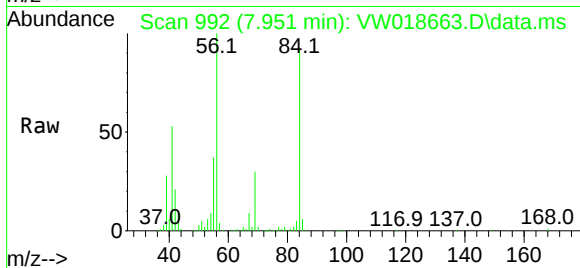
Tgt Ion: 62 Resp: 224261
Ion Ratio Lower Upper
62 100
98 9.4 6.9 10.3



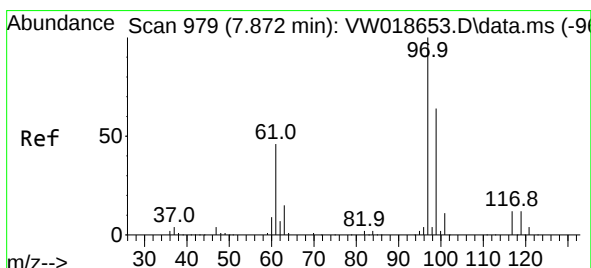
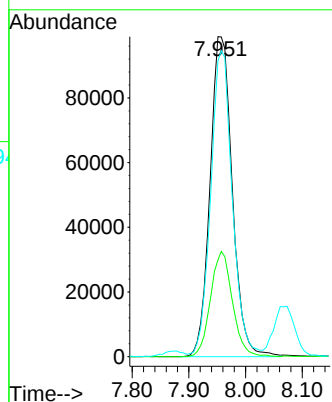
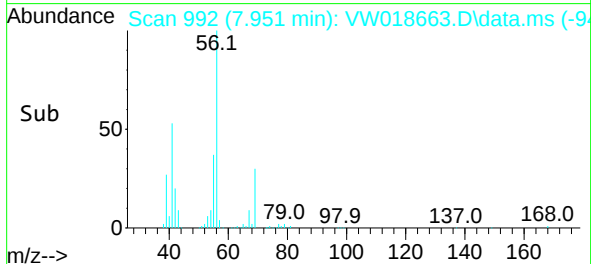


#29
Cyclohexane
Concen: 23.61 ug/L
RT: 7.951 min Scan# 992
Delta R.T. -0.006 min
Lab File: VW018663.D
Acq: 15 Apr 2021 16:58

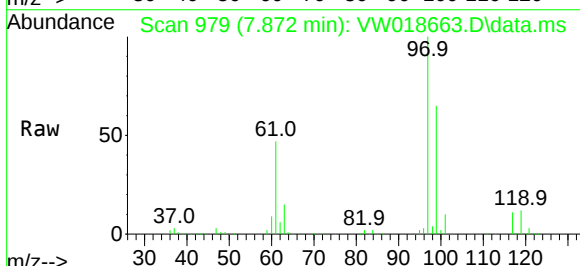
Instrument :
MSVOA_W
ClientSampled :



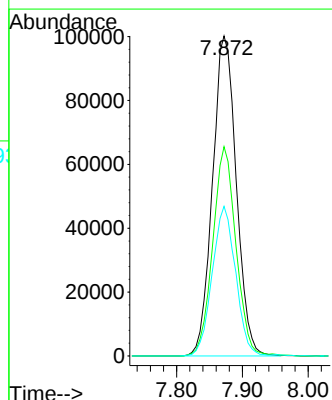
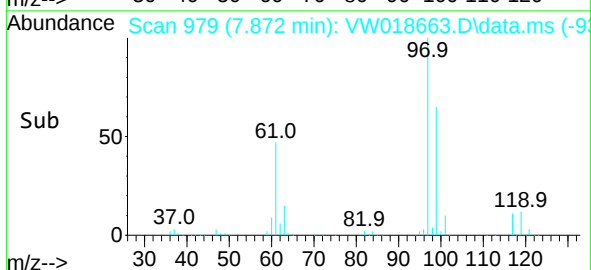
Tgt Ion: 56 Resp: 270460
Ion Ratio Lower Upper
56 100
69 32.2 24.5 36.7
84 92.6 75.0 112.4

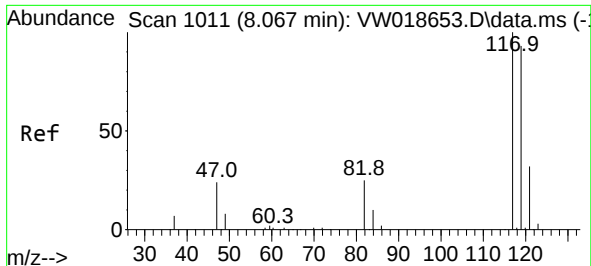


#30
1,1,1-Trichloroethane
Concen: 24.79 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW018663.D
Acq: 15 Apr 2021 16:58



Tgt Ion: 97 Resp: 252242
Ion Ratio Lower Upper
97 100
99 63.5 51.4 77.2
61 45.9 37.8 56.6

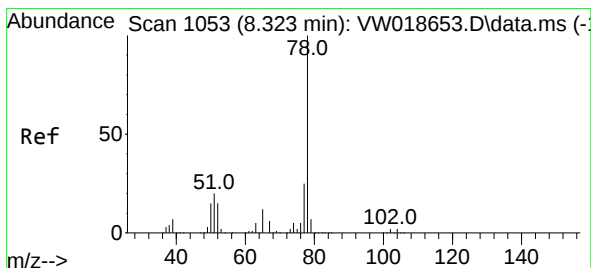
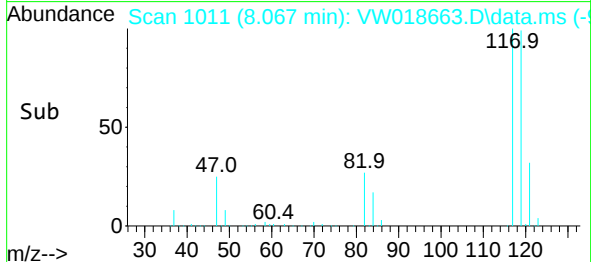
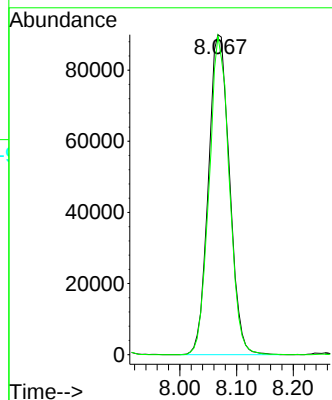
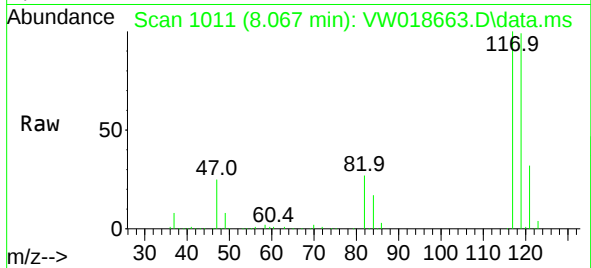




#31
Carbon tetrachloride
Concen: 25.41 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.006 min
Lab File: VW018663.D
Acq: 15 Apr 2021 16:58

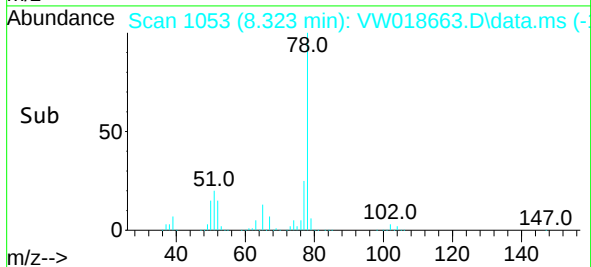
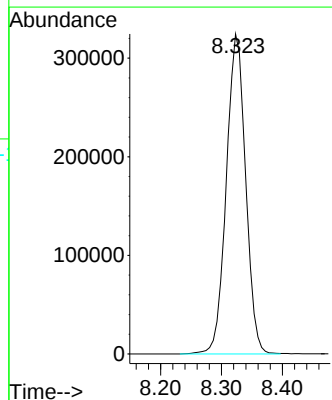
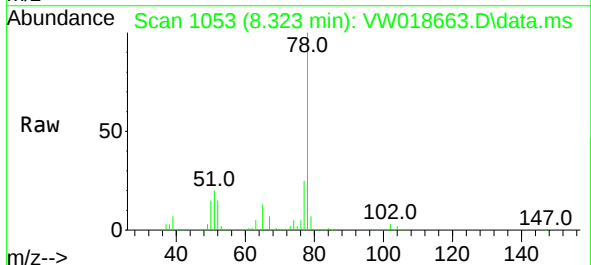
Instrument :
MSVOA_W
ClientSampled :

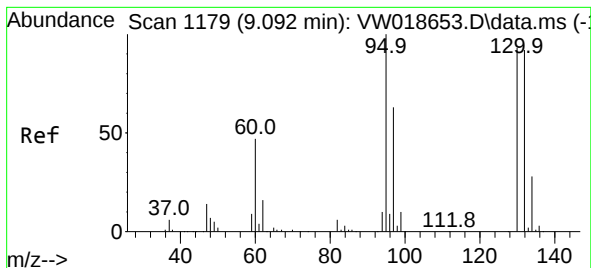
Tgt Ion:117 Resp: 233187
Ion Ratio Lower Upper
117 100
119 94.6 76.5 114.7



#33
Benzene
Concen: 24.47 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW018663.D
Acq: 15 Apr 2021 16:58

Tgt Ion: 78 Resp: 714598

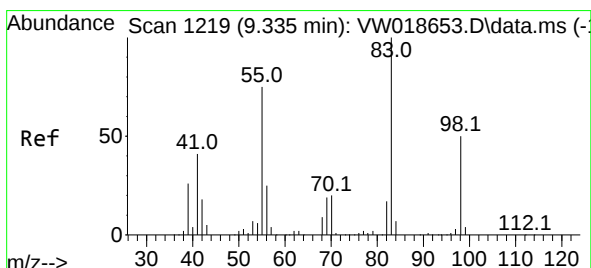
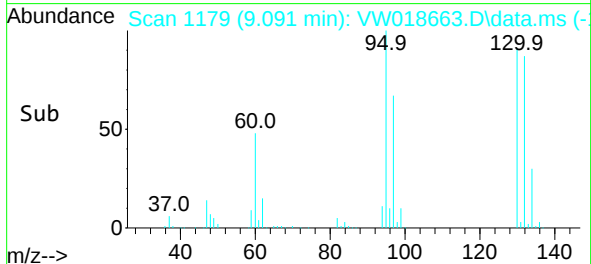
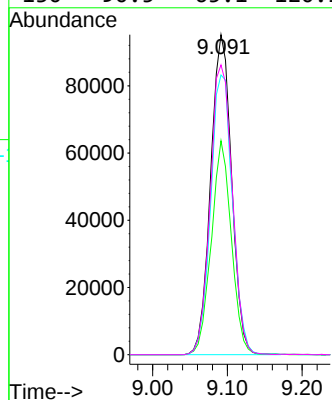
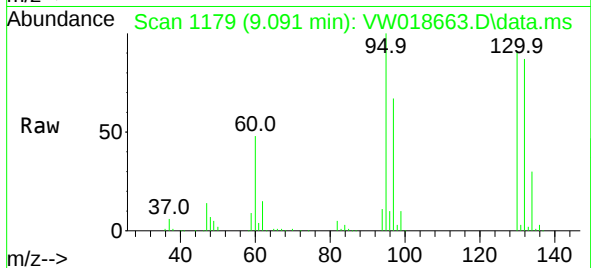




#34
Trichloroethene
Concen: 24.71 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW018663.D
Acq: 15 Apr 2021 16:58

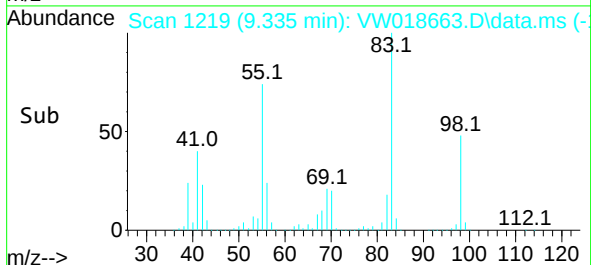
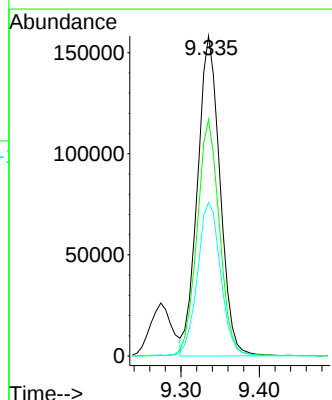
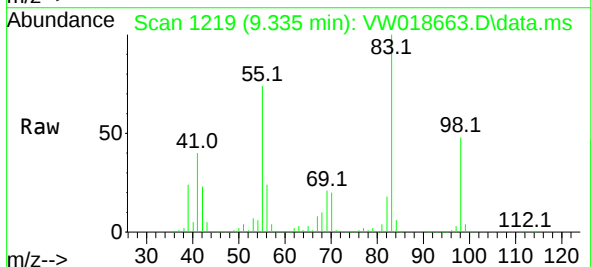
Instrument :
MSVOA_W
ClientSampled :

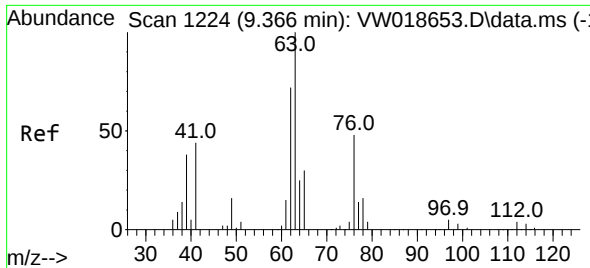
Tgt Ion: 95 Resp: 185787
Ion Ratio Lower Upper
95 100
97 66.9 47.3 87.8
132 87.4 71.0 131.8
130 90.5 65.1 120.9



#35
Methylcyclohexane
Concen: 24.13 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW018663.D
Acq: 15 Apr 2021 16:58

Tgt Ion: 83 Resp: 315353
Ion Ratio Lower Upper
83 100
55 73.6 58.9 88.3
98 49.7 40.1 60.1

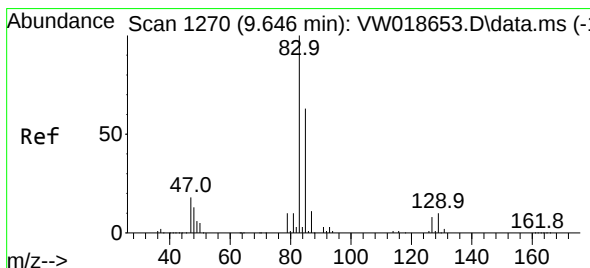
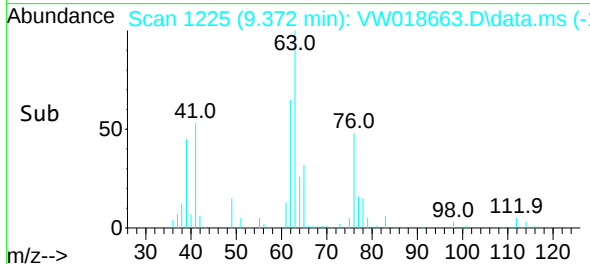
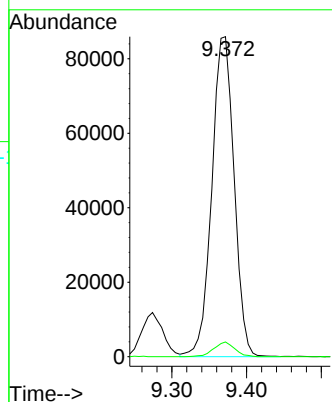
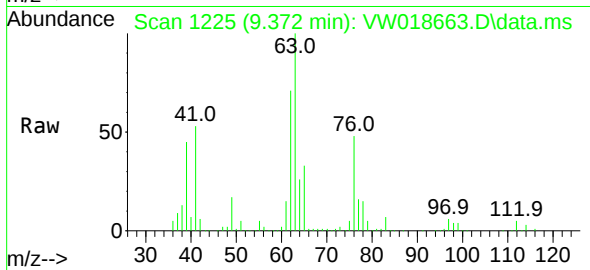




#37
1,2-Dichloropropane
Concen: 24.10 ug/L
RT: 9.372 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VW018663.D
Acq: 15 Apr 2021 16:58

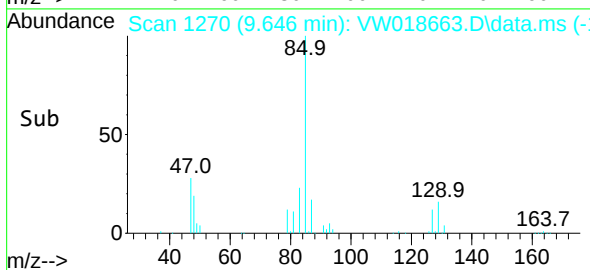
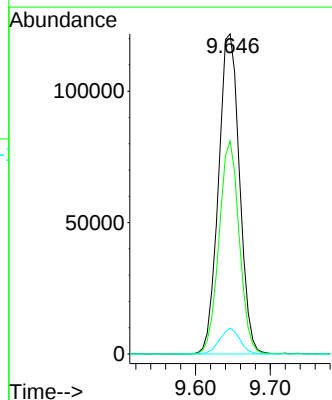
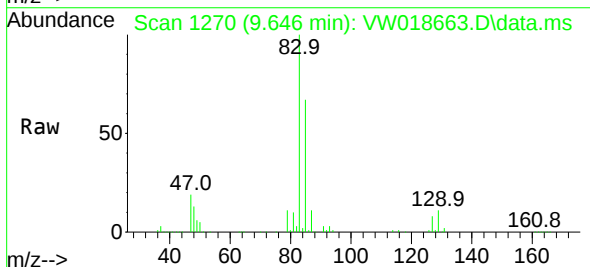
Instrument :
MSVOA_W
ClientSampled :

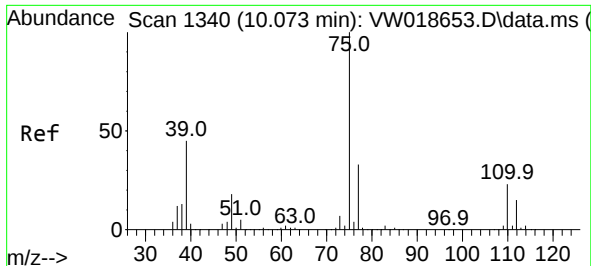
Tgt Ion: 63 Resp: 178207
Ion Ratio Lower Upper
63 100
112 4.3 3.9 5.9



#38
Bromodichloromethane
Concen: 25.32 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VW018663.D
Acq: 15 Apr 2021 16:58

Tgt Ion: 83 Resp: 238287
Ion Ratio Lower Upper
83 100
85 66.5 42.3 78.5
127 8.0 6.6 9.8

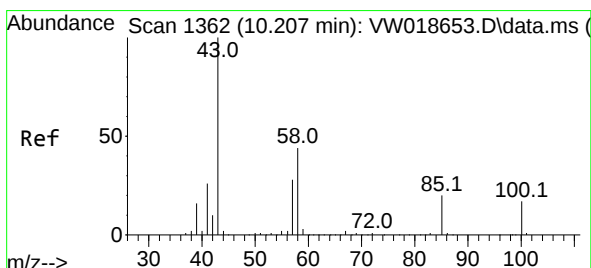
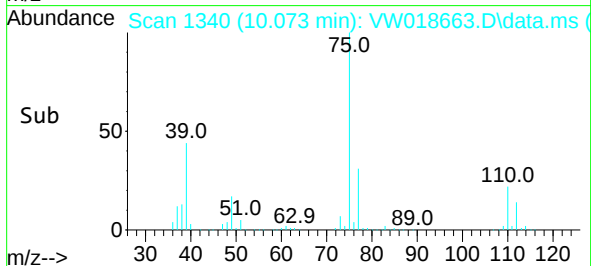
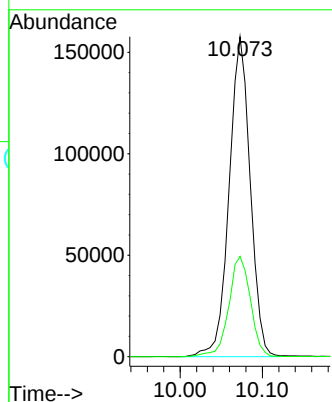
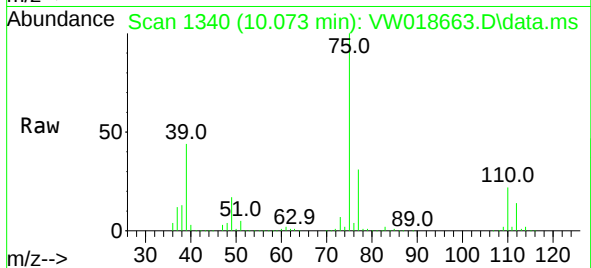




#39
cis-1,3-Dichloropropene
Concen: 25.65 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW018663.D
Acq: 15 Apr 2021 16:58

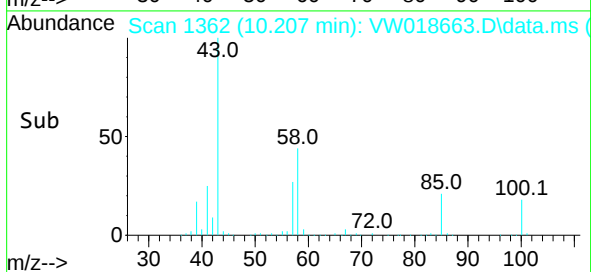
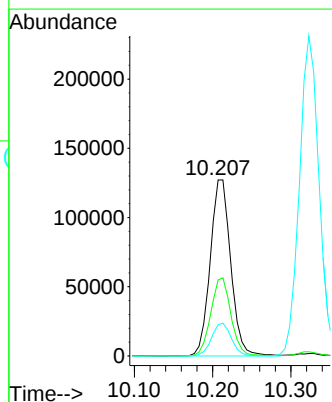
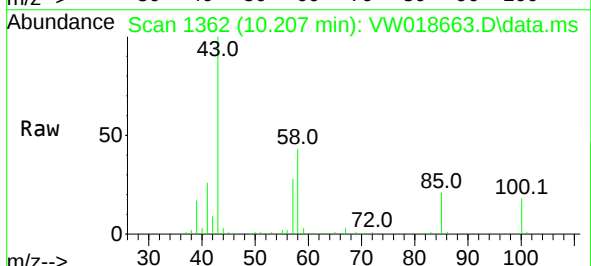
Instrument :
MSVOA_W
ClientSampled :

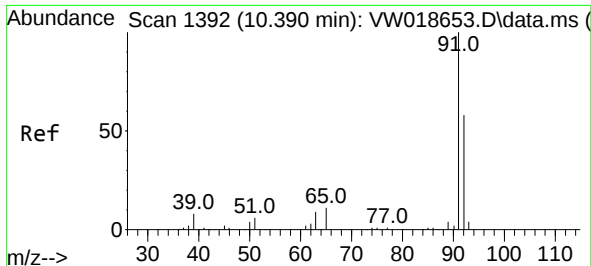
Tgt Ion: 75 Resp: 281505
Ion Ratio Lower Upper
75 100
77 31.4 22.6 42.0



#40
4-Methyl-2-pentanone
Concen: 51.01 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. -0.006 min
Lab File: VW018663.D
Acq: 15 Apr 2021 16:58

Tgt Ion: 43 Resp: 231705
Ion Ratio Lower Upper
43 100
58 43.6 31.0 46.4
100 17.9 13.0 19.6

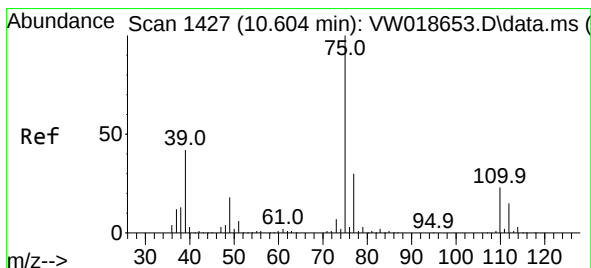
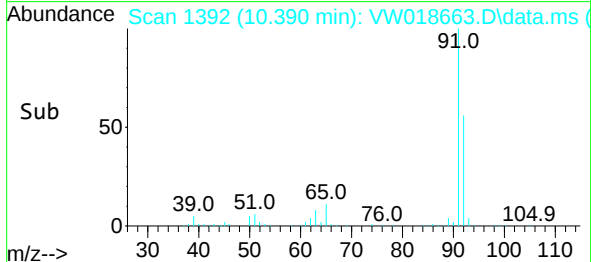
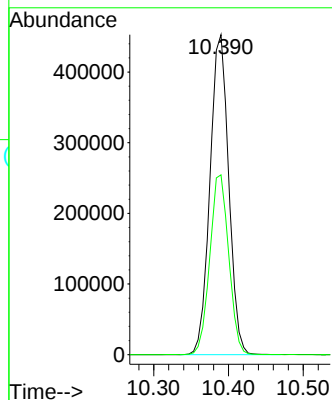
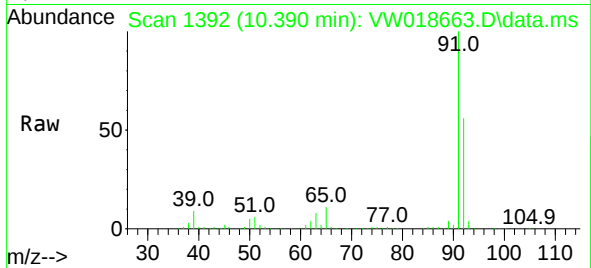




#42
Toluene
Concen: 25.19 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW018663.D
Acq: 15 Apr 2021 16:58

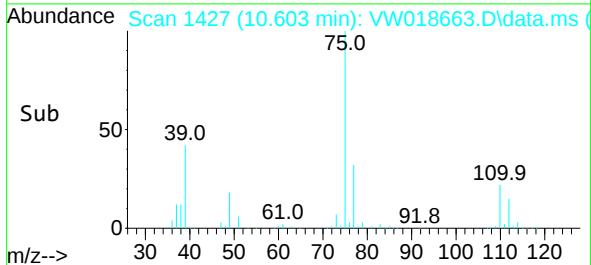
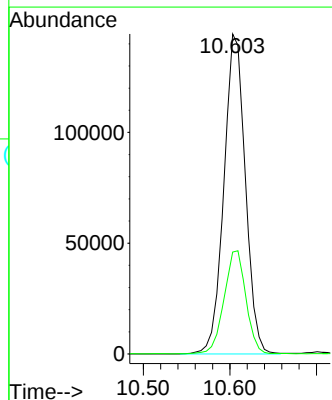
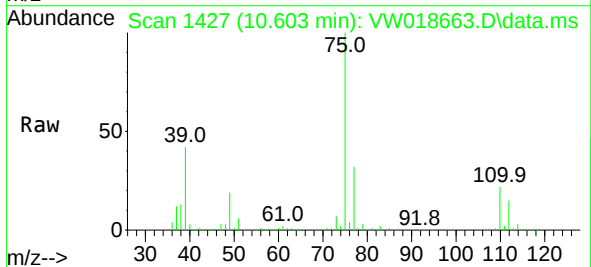
Instrument :
MSVOA_W
ClientSampled :

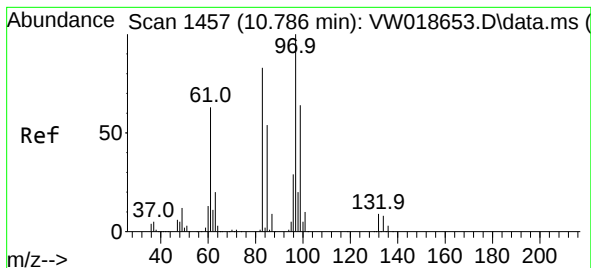
Tgt Ion: 91 Resp: 789546
Ion Ratio Lower Upper
91 100
92 56.2 39.5 73.3



#44
trans-1,3-Dichloropropene
Concen: 25.94 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW018663.D
Acq: 15 Apr 2021 16:58

Tgt Ion: 75 Resp: 248502
Ion Ratio Lower Upper
75 100
77 31.8 21.1 39.1



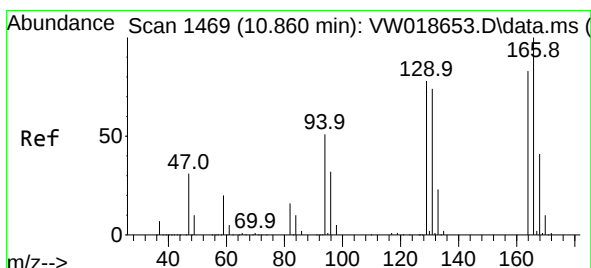
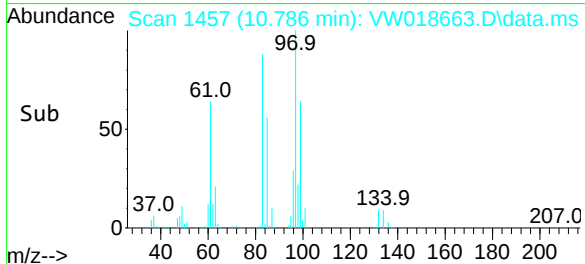
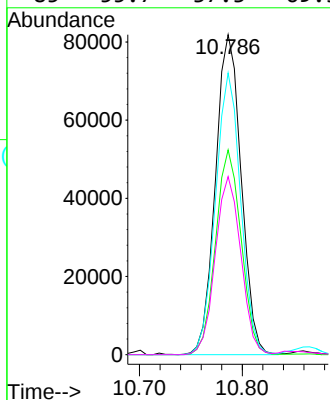
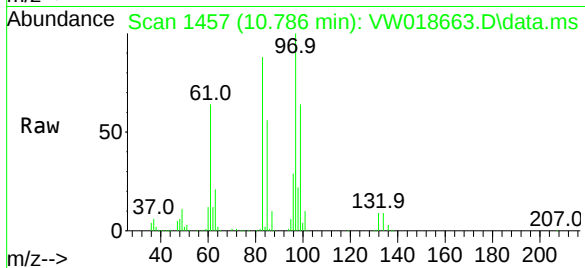


#45
1,1,2-Trichloroethane
Concen: 25.99 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW018663.D
Acq: 15 Apr 2021 16:58

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion: 97 Resp: 142540

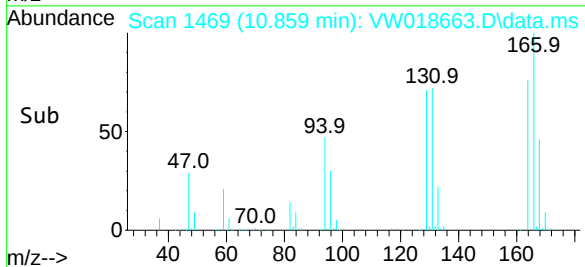
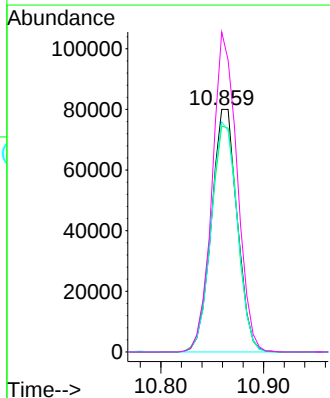
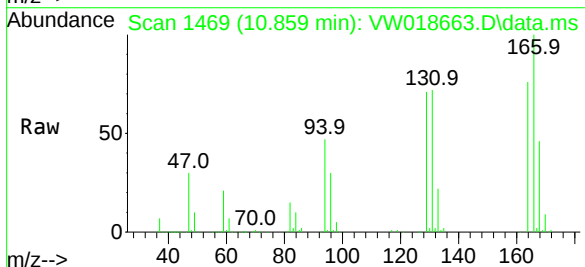
Ion	Ratio	Lower	Upper
97	100		
99	64.0	45.1	83.7
83	88.0	58.1	107.9
85	55.7	37.3	69.3

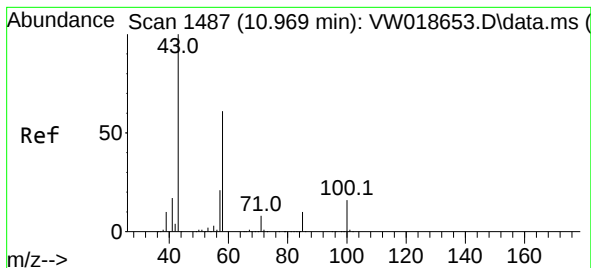


#46
Tetrachloroethene
Concen: 26.18 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW018663.D
Acq: 15 Apr 2021 16:58

Tgt Ion: 164 Resp: 139073

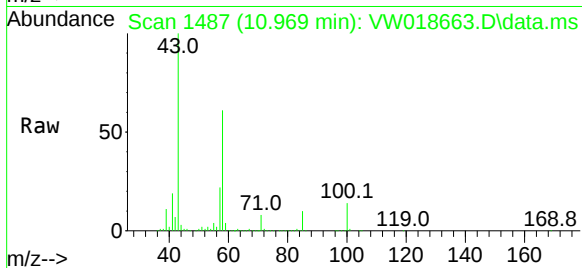
Ion	Ratio	Lower	Upper
164	100		
129	93.2	66.7	123.9
131	94.9	61.1	113.5
166	131.9	87.0	161.6



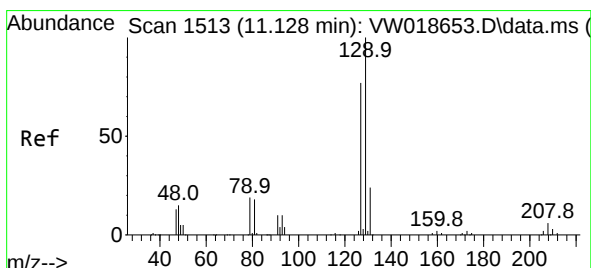
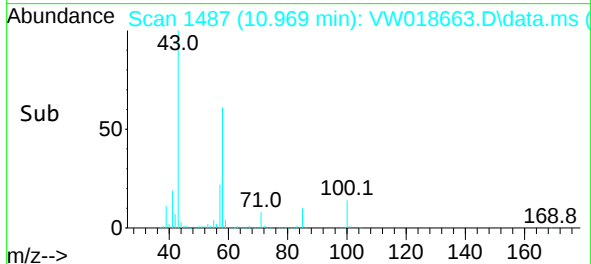
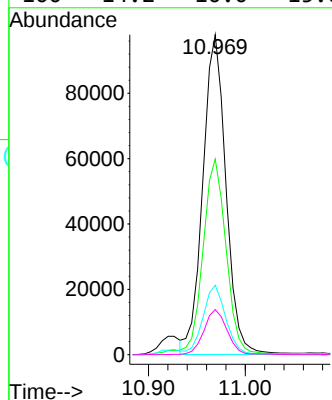


#48
2-Hexanone
Concen: 56.82 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW018663.D
Acq: 15 Apr 2021 16:58

Instrument :
MSVOA_W
ClientSampleId :

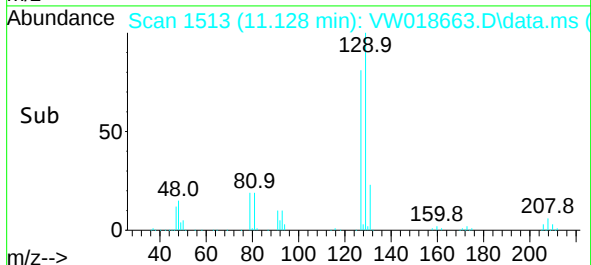
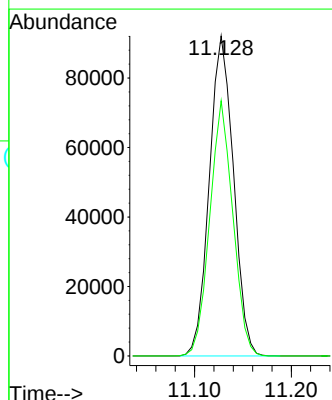
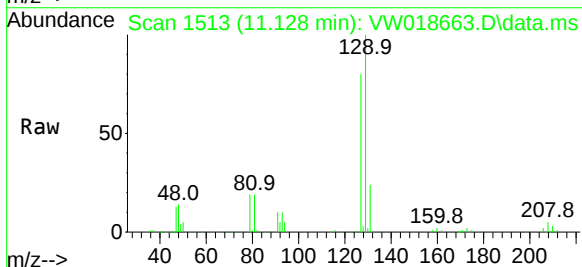


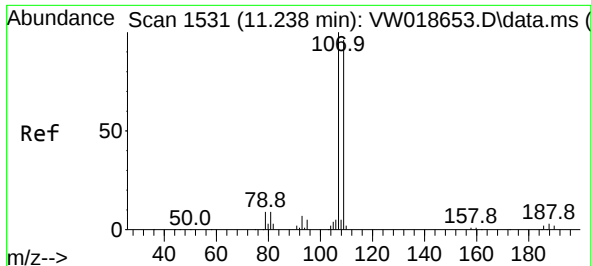
Tgt Ion: 43 Resp: 163129
Ion Ratio Lower Upper
43 100
58 60.9 42.7 64.1
57 21.4 15.8 23.8
100 14.2 10.0 15.0



#49
Dibromochloromethane
Concen: 27.39 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW018663.D
Acq: 15 Apr 2021 16:58

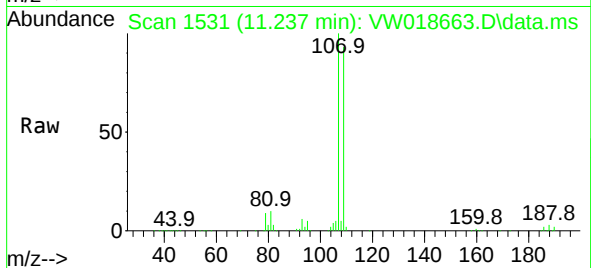
Tgt Ion: 129 Resp: 160064
Ion Ratio Lower Upper
129 100
127 79.8 51.7 95.9



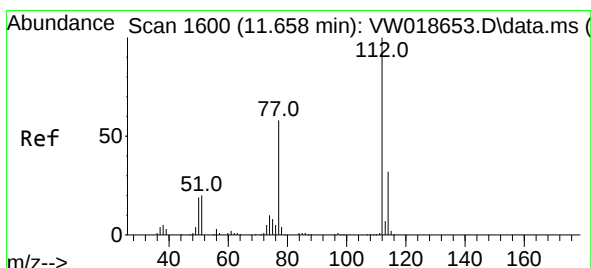
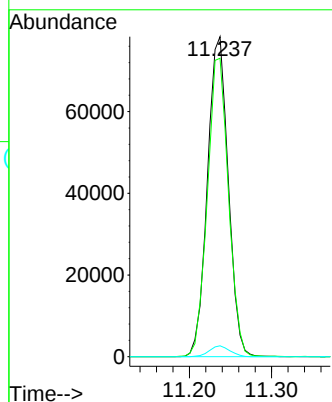
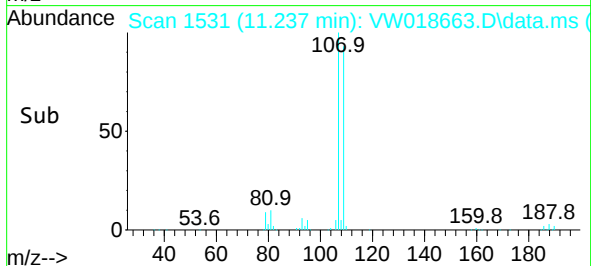


#50
1,2-Dibromoethane
Concen: 26.38 ug/L
RT: 11.237 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VW018663.D
Acq: 15 Apr 2021 16:58

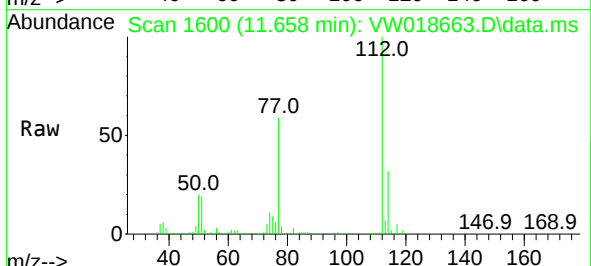
Instrument :
MSVOA_W
ClientSampleId :



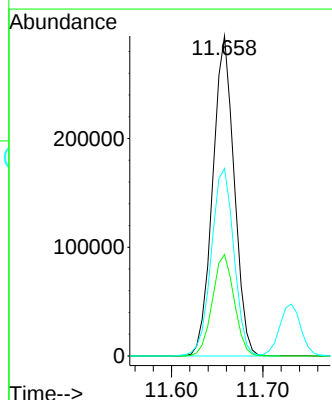
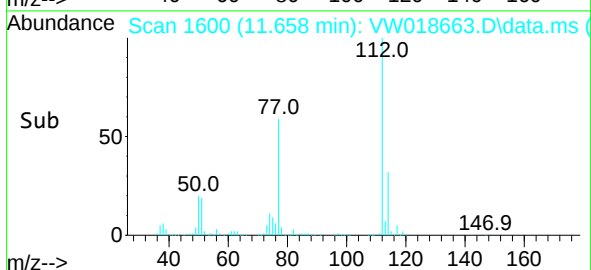
Tgt Ion:107 Resp: 137666
Ion Ratio Lower Upper
107 100
109 93.3 65.4 121.4
188 3.4 2.6 4.0

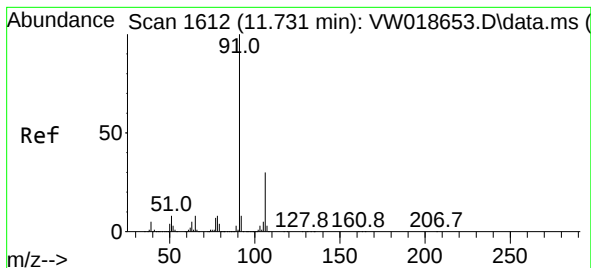


#51
Chlorobenzene
Concen: 24.89 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW018663.D
Acq: 15 Apr 2021 16:58



Tgt Ion:112 Resp: 480466
Ion Ratio Lower Upper
112 100
114 31.7 23.4 43.6
77 58.6 47.6 71.4

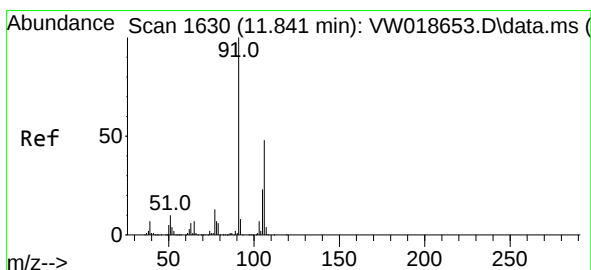
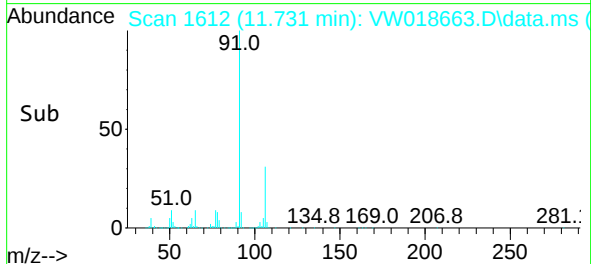
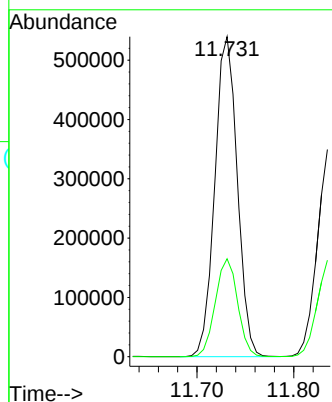
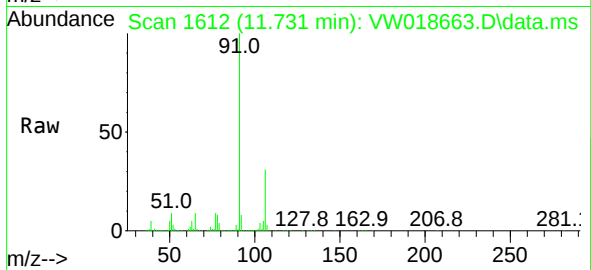




#52
Ethylbenzene
Concen: 25.14 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW018663.D
Acq: 15 Apr 2021 16:58

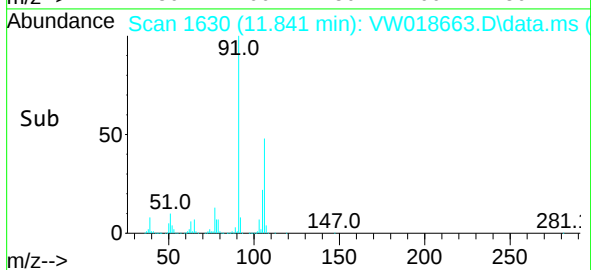
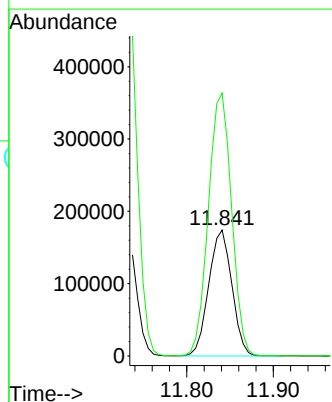
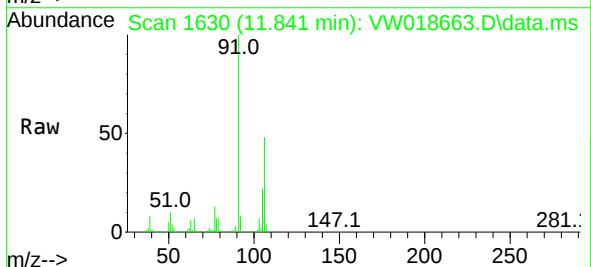
Instrument :
MSVOA_W
ClientSampled :

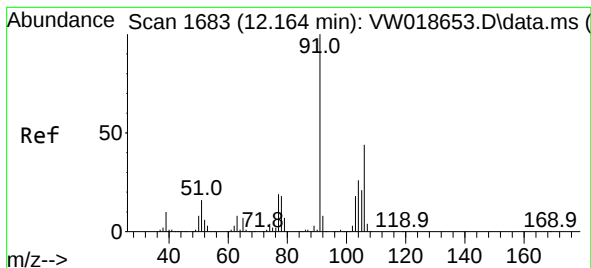
Tgt Ion: 91 Resp: 870501
Ion Ratio Lower Upper
91 100
106 30.6 22.5 41.7



#53
m,p-Xylene
Concen: 25.42 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW018663.D
Acq: 15 Apr 2021 16:58

Tgt Ion:106 Resp: 322986
Ion Ratio Lower Upper
106 100
91 208.9 141.3 262.3

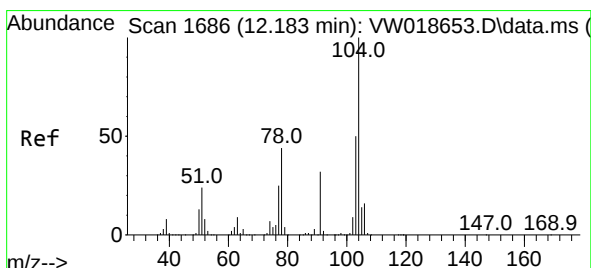
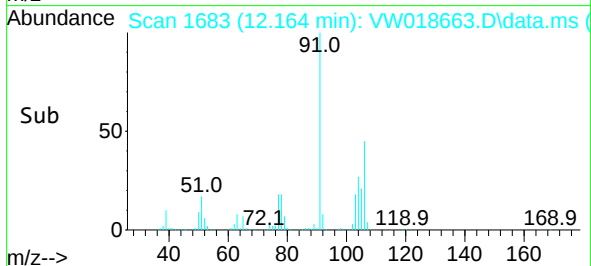
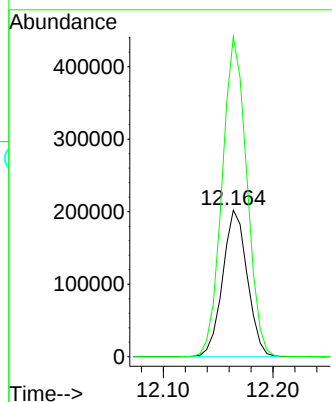
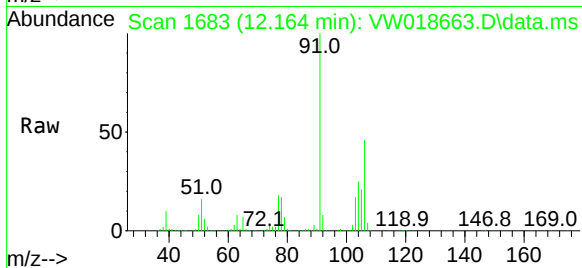




#54
o-Xylene
Concen: 25.84 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW018663.D
Acq: 15 Apr 2021 16:58

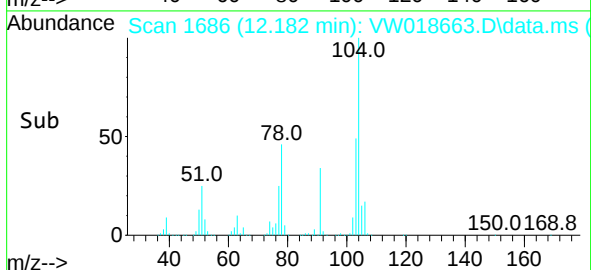
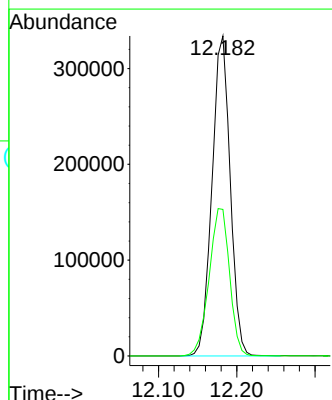
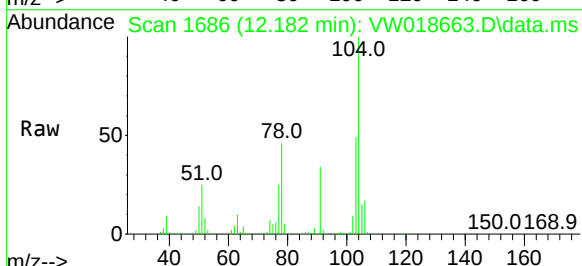
Instrument :
MSVOA_W
ClientSampled :

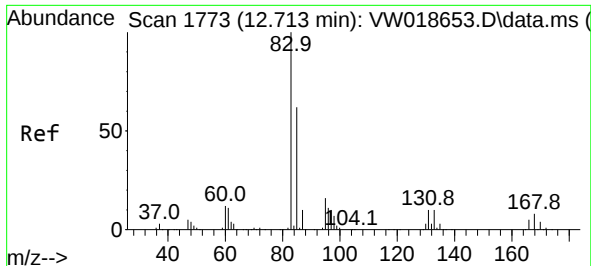
Tgt Ion:106 Resp: 315113
Ion Ratio Lower Upper
106 100
91 218.4 150.0 278.6



#55
Styrene
Concen: 25.54 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW018663.D
Acq: 15 Apr 2021 16:58

Tgt Ion:104 Resp: 538692
Ion Ratio Lower Upper
104 100
78 45.8 32.5 60.3

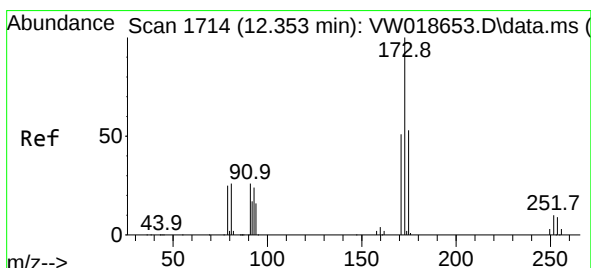
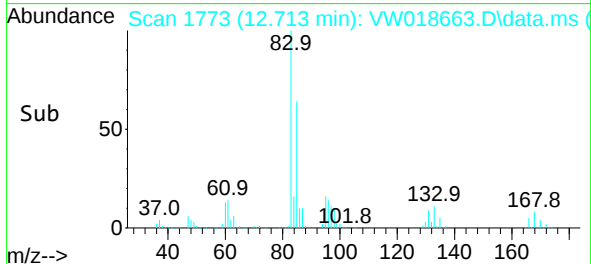
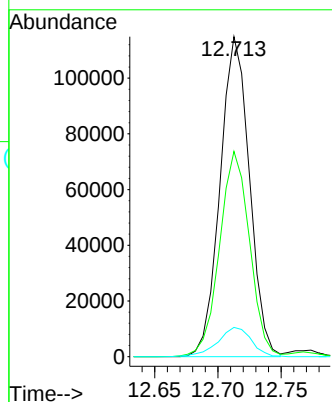
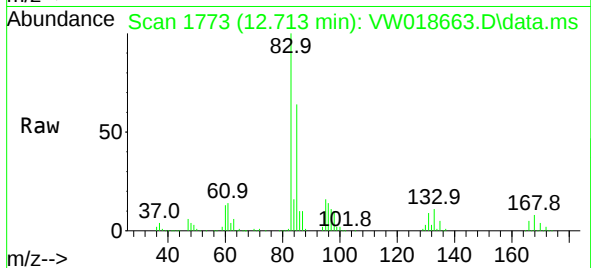




#57
1,1,2,2-Tetrachloroethane
Concen: 27.15 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW018663.D
Acq: 15 Apr 2021 16:58

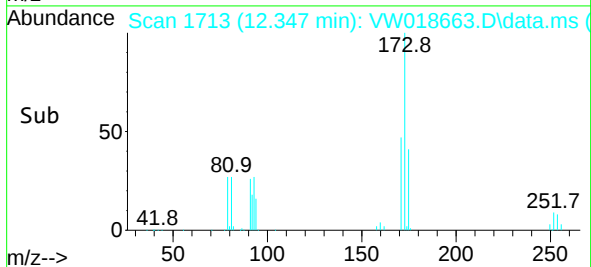
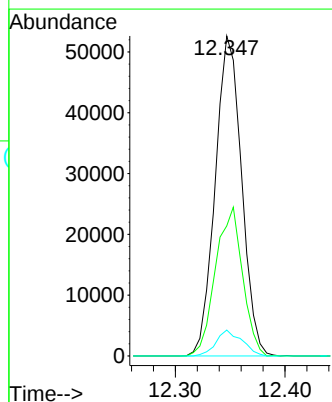
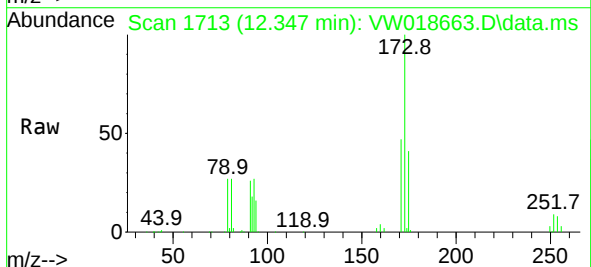
Instrument :
MSVOA_W
ClientSampleId :

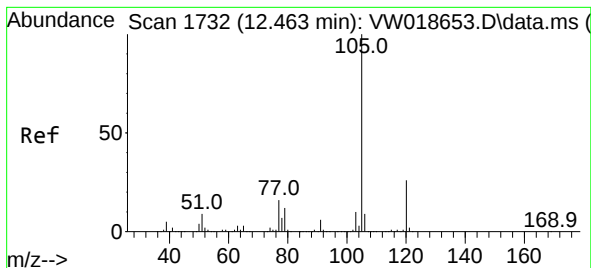
Tgt Ion: 83 Resp: 185483
Ion Ratio Lower Upper
83 100
85 64.2 44.4 82.4
131 9.1 8.2 12.4



#59
Bromoform
Concen: 25.07 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.006 min
Lab File: VW018663.D
Acq: 15 Apr 2021 16:58

Tgt Ion:173 Resp: 88032
Ion Ratio Lower Upper
173 100
175 47.6 37.5 56.3
254 7.9 7.0 10.4

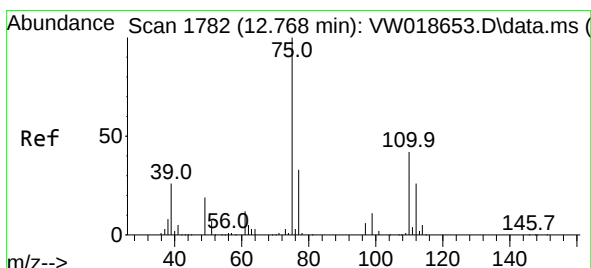
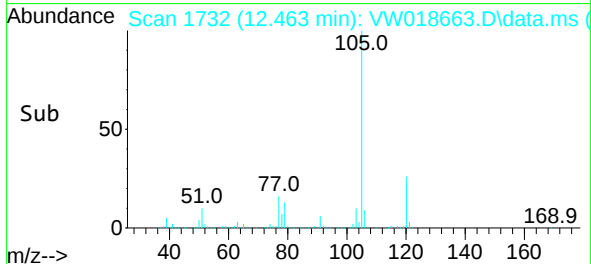
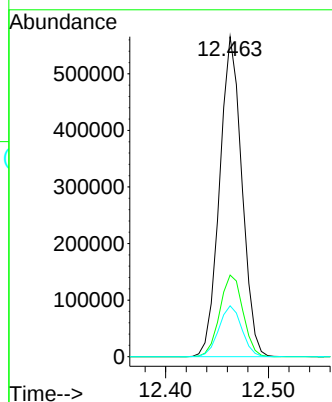
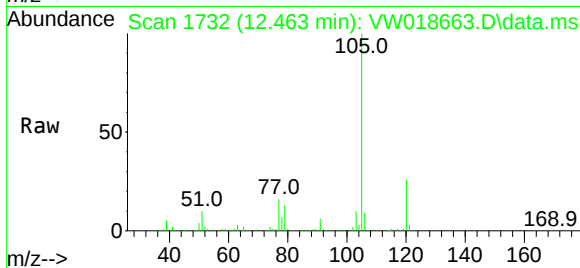




#60
Isopropylbenzene
Concen: 23.48 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW018663.D
Acq: 15 Apr 2021 16:58

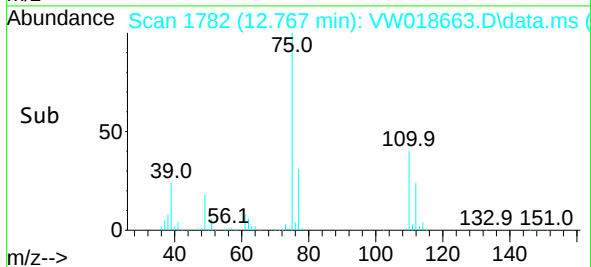
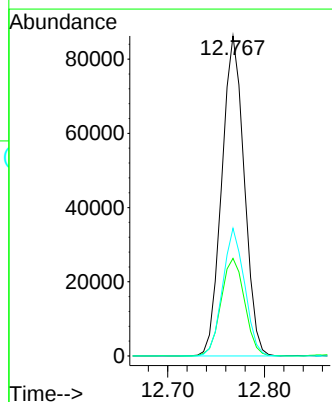
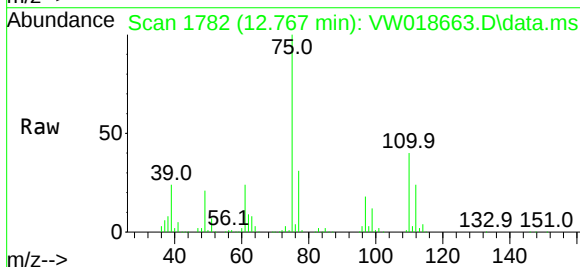
Instrument :
MSVOA_W
ClientSampleId :

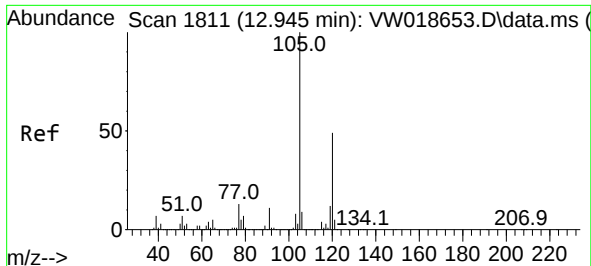
Tgt Ion:105 Resp: 850612
Ion Ratio Lower Upper
105 100
120 26.6 21.1 31.7
77 16.3 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 24.67 ug/L
RT: 12.767 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW018663.D
Acq: 15 Apr 2021 16:58

Tgt Ion: 75 Resp: 138842
Ion Ratio Lower Upper
75 100
77 31.9 25.3 37.9
110 39.0 32.6 48.8

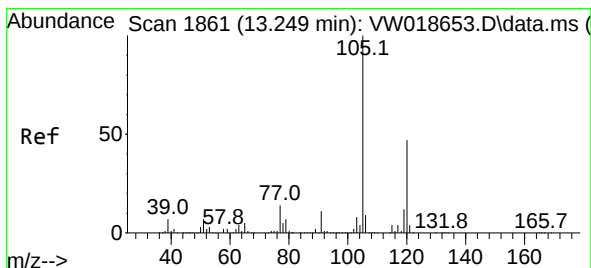
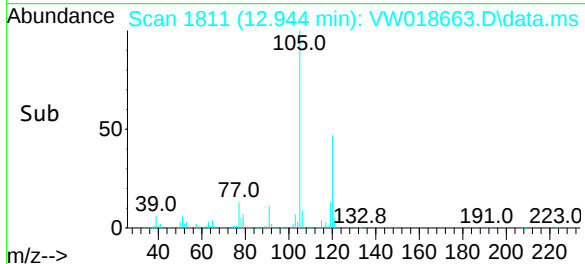
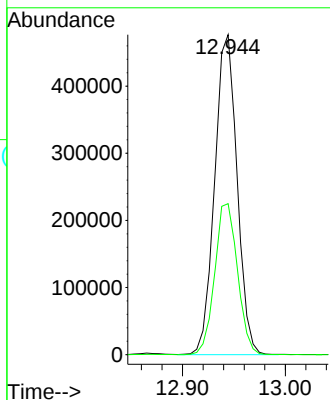
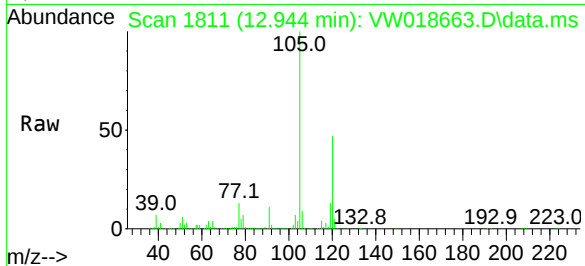




#62
1,3,5-Trimethylbenzene
Concen: 23.99 ug/L
RT: 12.944 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VW018663.D
Acq: 15 Apr 2021 16:58

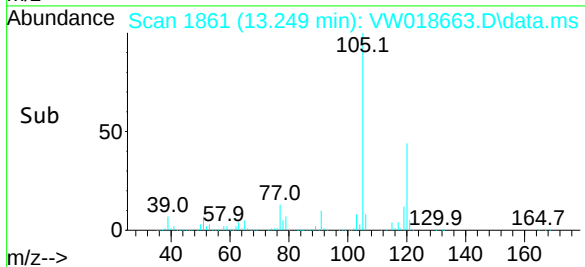
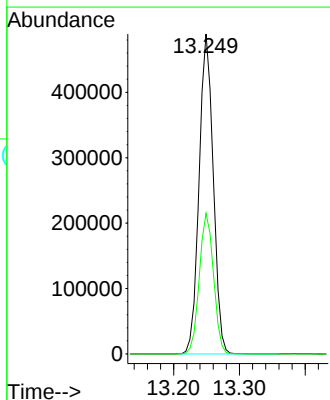
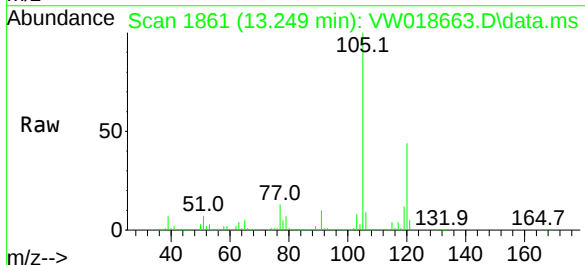
Instrument :
MSVOA_W
ClientSampleId :

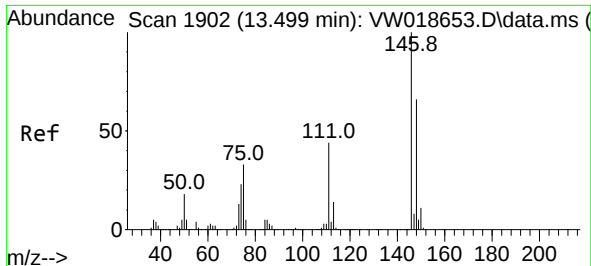
Tgt Ion:105 Resp: 719836
Ion Ratio Lower Upper
105 100
120 48.2 39.0 58.6



#63
1,2,4-Trimethylbenzene
Concen: 24.43 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW018663.D
Acq: 15 Apr 2021 16:58

Tgt Ion:105 Resp: 731515
Ion Ratio Lower Upper
105 100
120 44.0 35.6 53.4

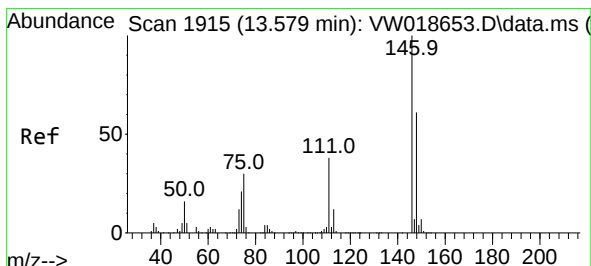
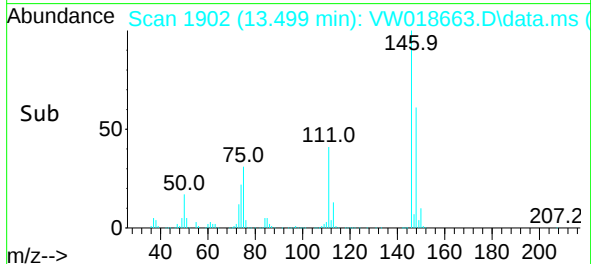
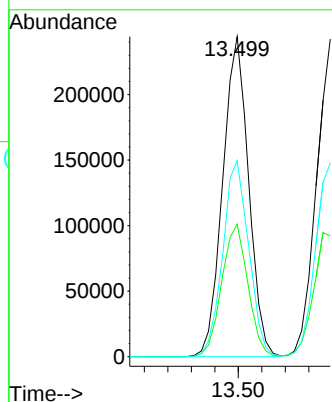
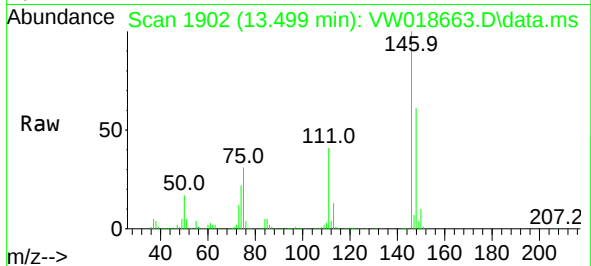




#64
1,3-Dichlorobenzene
Concen: 24.34 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW018663.D
Acq: 15 Apr 2021 16:58

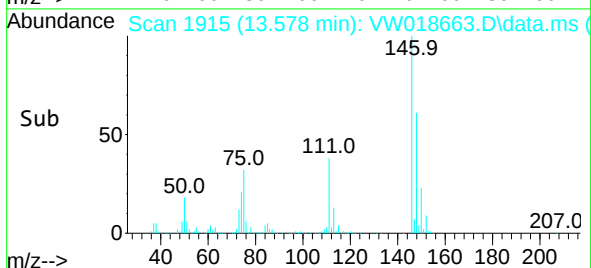
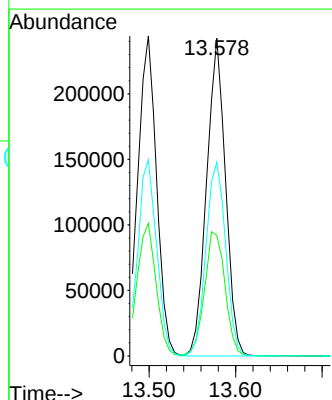
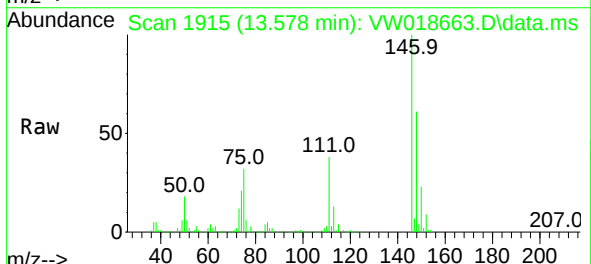
Instrument :
MSVOA_W
ClientSampleId :

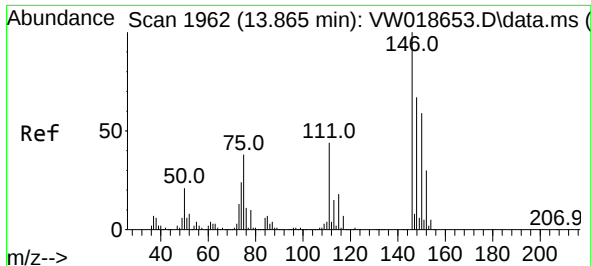
Tgt Ion:146 Resp: 373608
Ion Ratio Lower Upper
146 100
111 41.4 26.7 49.7
148 61.3 41.1 76.3



#65
1,4-Dichlorobenzene
Concen: 23.67 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW018663.D
Acq: 15 Apr 2021 16:58

Tgt Ion:146 Resp: 367500
Ion Ratio Lower Upper
146 100
111 38.0 28.8 53.4
148 61.0 46.8 87.0

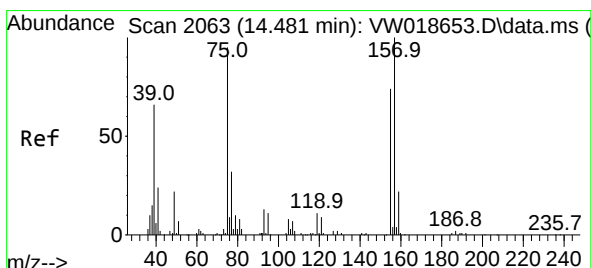
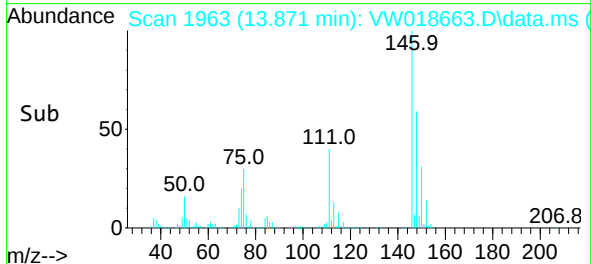
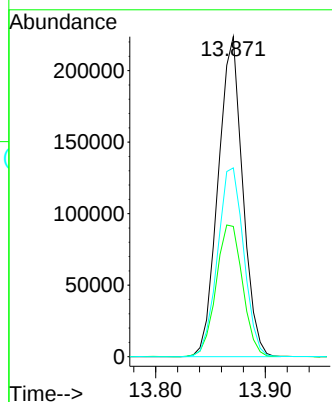
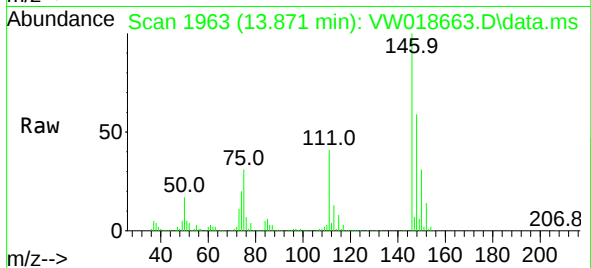




#67
1,2-Dichlorobenzene
Concen: 24.66 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. -0.000 min
Lab File: VW018663.D
Acq: 15 Apr 2021 16:58

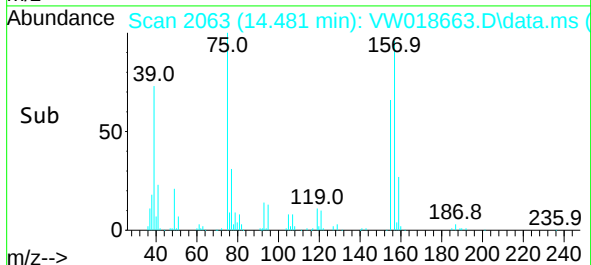
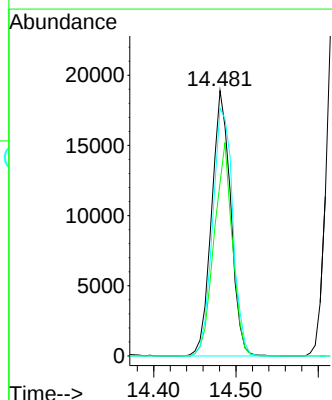
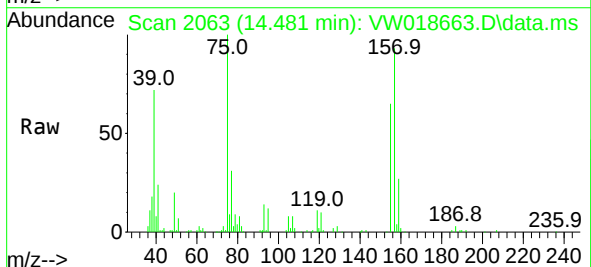
Instrument :
MSVOA_W
ClientSampled :

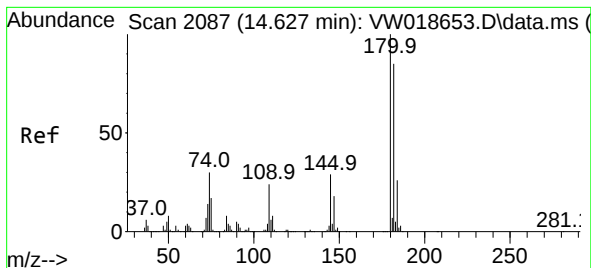
Tgt Ion:146 Resp: 348243
Ion Ratio Lower Upper
146 100
111 40.7 33.2 49.8
148 59.0 50.4 75.6



#68
1,2-Dibromo-3-chloropropane
Concen: 26.04 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW018663.D
Acq: 15 Apr 2021 16:58

Tgt Ion: 75 Resp: 30451
Ion Ratio Lower Upper
75 100
155 65.3 59.4 89.0
157 93.5 72.2 108.2



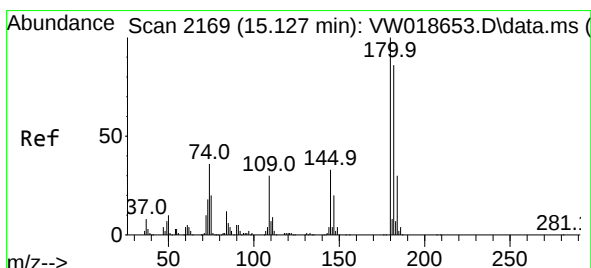
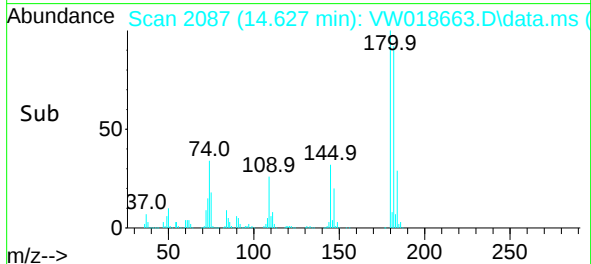
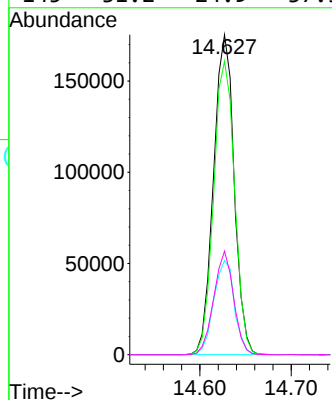
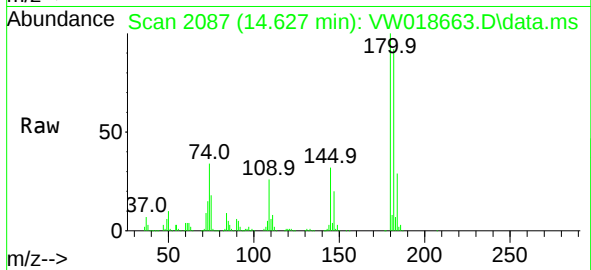


#69
1,3,5-Trichlorobenzene
Concen: 25.07 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VW018663.D
Acq: 15 Apr 2021 16:58

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:180 Resp: 274785

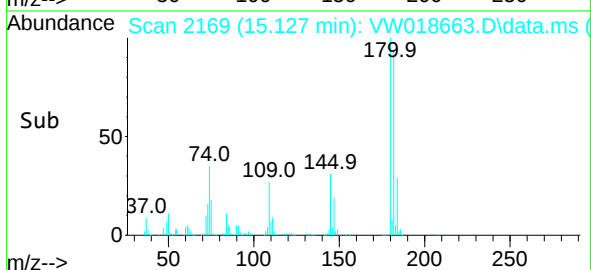
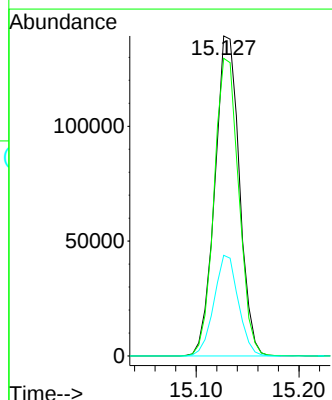
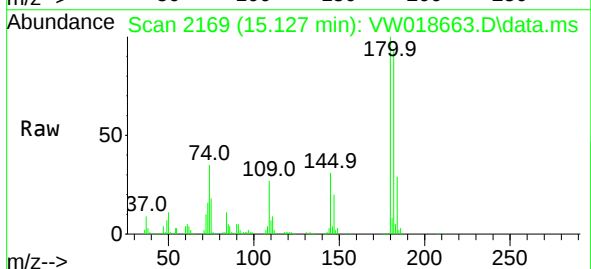
Ion	Ratio	Lower	Upper
180	100		
182	93.2	73.4	110.2
184	29.6	23.6	35.4
145	31.2	24.9	37.3

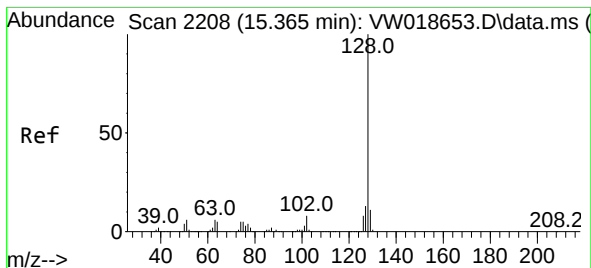


#70
1,2,4-trichlorobenzene
Concen: 25.89 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VW018663.D
Acq: 15 Apr 2021 16:58

Tgt Ion:180 Resp: 230946

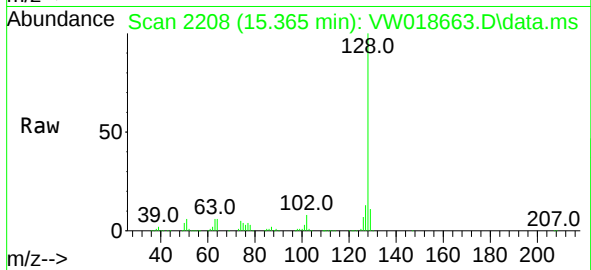
Ion	Ratio	Lower	Upper
180	100		
182	93.2	74.7	112.1
145	31.2	25.0	37.4



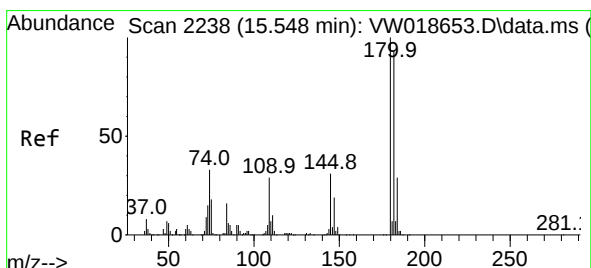
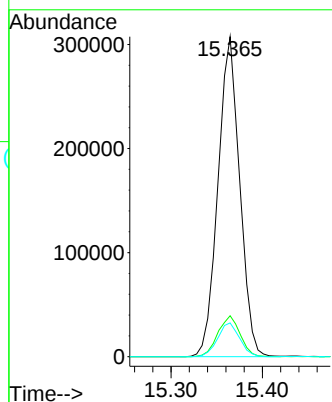
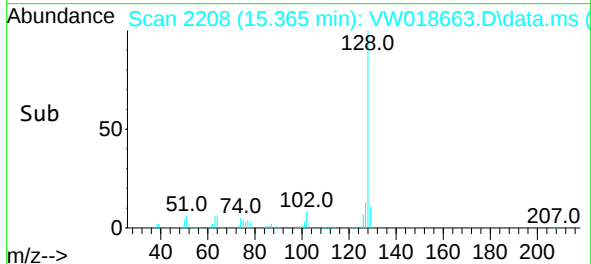


#71
Naphthalene
Concen: 27.04 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW018663.D
Acq: 15 Apr 2021 16:58

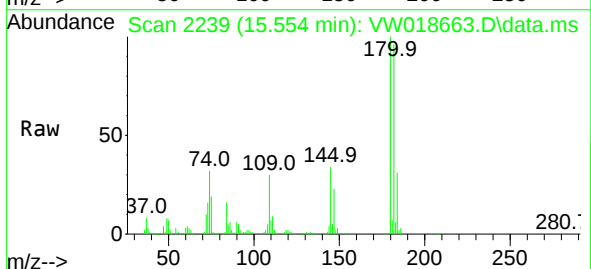
Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:128 Resp: 508144
Ion Ratio Lower Upper
128 100
127 13.1 10.6 15.8
129 10.7 9.0 13.6



#72
1,2,3-Trichlorobenzene
Concen: 24.63 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. -0.000 min
Lab File: VW018663.D
Acq: 15 Apr 2021 16:58



Tgt Ion:180 Resp: 193898
Ion Ratio Lower Upper
180 100
182 95.2 76.7 115.1
145 35.4 28.9 43.3

