

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031121\
 Data File : VW018293.D
 Acq On : 11 Mar 2021 08:58
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02537

Quant Time: Mar 12 00:23:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM030821S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 11 02:01:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	235950	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	202738	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	100638	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	66184	25.90	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 103.60%			
7) Chloroethane-d5	2.898	69	53684	25.87	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 103.48%			
10) 1,1-Dichloroethene-d2	4.025	63	152016	25.60	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 102.40%			
20) 2-Butanone-d5	7.074	46	30912	50.89	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 101.78%			
24) Chloroform-d	7.647	84	170027	26.60	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 106.40%			
26) 1,2-Dichloroethane-d4	8.305	65	90189	25.64	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.56%			
29) Benzene-d6	8.275	84	298848	27.69	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 110.76%			
33) 1,2-Dichloropropane-d6	9.275	67	82229	27.50	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 110.00%			
37) Toluene-d8	10.323	98	288224	27.67	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 110.68%			
38) trans-1,3-Dichloroprop...	10.579	79	40619	27.40	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 109.60%			
39) 2-Hexanone-d5	10.927	63	26712	53.69	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 107.38%			
48) 1,1,2,2-Tetrachloroeth...	12.689	84	68813	26.91	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 107.64%			
61) 1,2-Dichlorobenzene-d4	13.853	152	92786	25.37	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 101.48%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	75828	23.16	ug/L	99
3) Chloromethane	2.215	50	48470	22.58	ug/L	99
5) Vinyl chloride	2.367	62	78928	23.94	ug/L	97
6) Bromomethane	2.788	94	54746	22.33	ug/L	99
8) Chloroethane	2.928	64	43895	23.20	ug/L	95
9) Trichlorofluoromethane	3.263	101	66514	23.92	ug/L	97
11) 1,1,2-Trichloro-1,2,2-...	4.068	101	80711	24.02	ug/L	100
12) 1,1-Dichloroethene	4.050	96	75902	24.48	ug/L	98
13) Acetone	4.123	43	19577	41.23	ug/L	99
14) Carbon disulfide	4.391	76	217844	24.12	ug/L	100
15) Methyl Acetate	4.672	43	22327	21.75	ug/L #	70
16) Methylene chloride	4.922	84	71849	19.95	ug/L	98
17) Methyl tert-butyl Ether	5.428	73	77916	21.91	ug/L	98
18) trans-1,2-Dichloroethene	5.428	96	77776	23.60	ug/L	96
19) 1,1-Dichloroethane	6.214	63	127395	23.59	ug/L	97
21) 2-Butanone	7.171	43	29033	44.14	ug/L	98
22) cis-1,2-Dichloroethene	7.165	96	78759	22.84	ug/L	97
23) Bromochloromethane	7.519	128	36395	23.46	ug/L	95
25) Chloroform	7.671	83	147591	23.85	ug/L	99
27) 1,2-Dichloroethane	8.397	62	93727	22.84	ug/L	99

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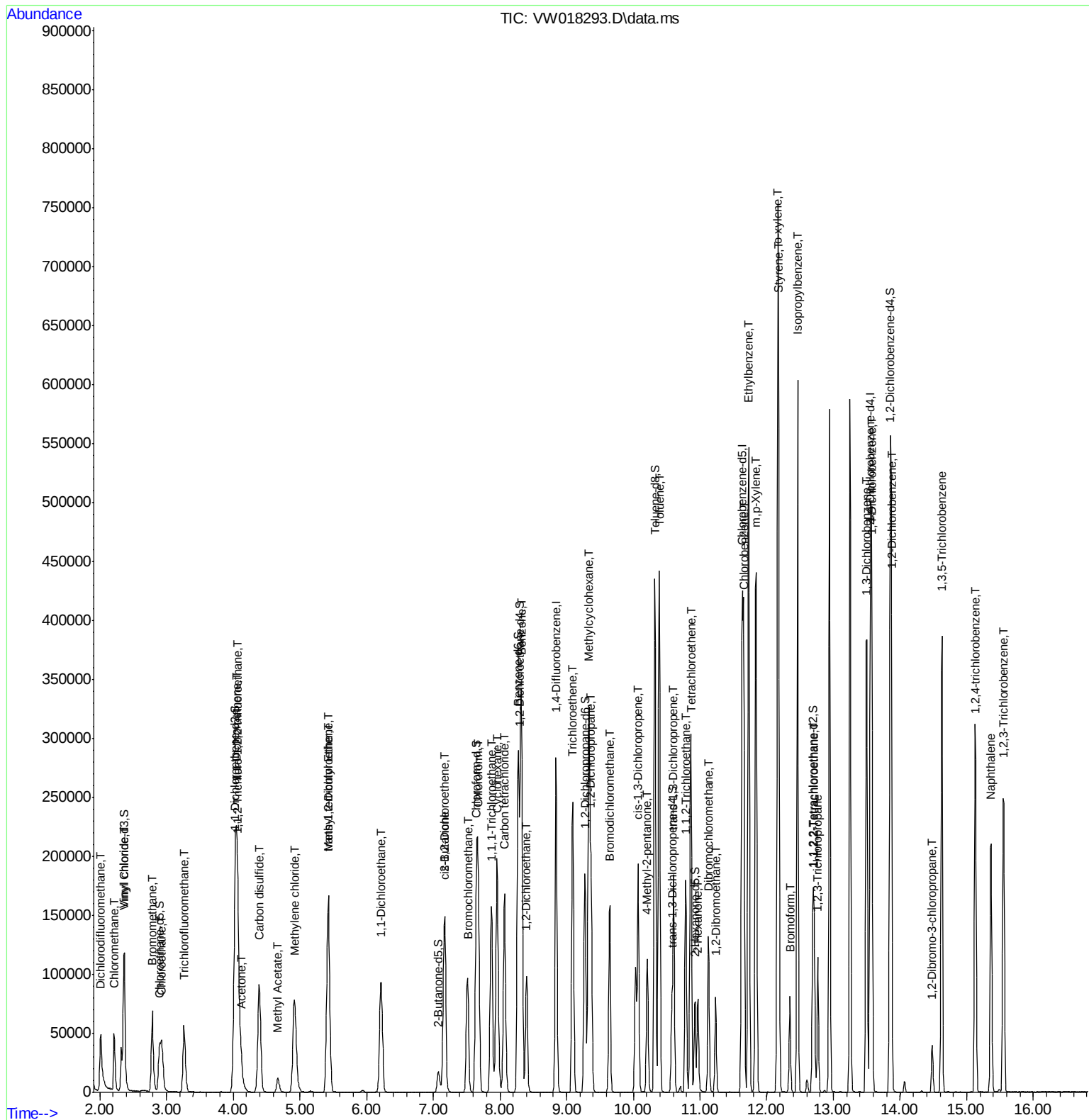
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) Cyclohexane	7.958	56	109170	24.96	ug/L	99
31) 1,1,1-Trichloroethane	7.872	97	129900	25.96	ug/L	99
32) Carbon tetrachloride	8.067	117	123667	25.67	ug/L	97
34) Benzene	8.323	78	295392	25.32	ug/L	100
35) Trichloroethene	9.092	95	86172	25.20	ug/L	99
36) Methylcyclohexane	9.335	83	139885	25.44	ug/L	99
40) 1,2-Dichloropropane	9.366	63	66508	24.54	ug/L	99
41) Bromodichloromethane	9.646	83	104338	24.77	ug/L	98
42) cis-1,3-Dichloropropene	10.073	75	114585	25.23	ug/L	98
43) 4-Methyl-2-pentanone	10.207	43	65958	46.90	ug/L	99
44) Toluene	10.390	91	330445	25.28	ug/L	95
45) trans-1,3-Dichloropropene	10.604	75	100338	24.73	ug/L	98
46) 1,1,2-Trichloroethane	10.786	97	53568	24.06	ug/L	96
47) Tetrachloroethene	10.866	164	61588	24.06	ug/L	93
49) 2-Hexanone	10.969	43	46674	48.14	ug/L	99
50) Dibromochloromethane	11.128	129	68296	24.95	ug/L	93
51) 1,2-Dibromoethane	11.238	107	52591	23.98	ug/L #	95
52) Chlorobenzene	11.658	112	205197	24.23	ug/L	97
53) Ethylbenzene	11.731	91	382085	25.44	ug/L	98
54) m,p-Xylene	11.841	106	142954	25.12	ug/L	97
55) o-xylene	12.164	106	131433	24.69	ug/L	91
56) Styrene	12.176	104	228016	25.03	ug/L	99
57) Isopropylbenzene	12.463	105	380887	25.23	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.713	83	60427	23.54	ug/L	98
59) 1,2,3-Trichloropropane	12.768	75	46787	24.05	ug/L	99
62) Bromoform	12.347	173	34761	23.48	ug/L	99
63) 1,3-Dichlorobenzene	13.493	146	157378	23.54	ug/L	93
64) 1,4-Dichlorobenzene	13.579	146	157007	23.74	ug/L	92
65) 1,2-Dichlorobenzene	13.871	146	142047	23.62	ug/L	97
66) 1,2-Dibromo-3-chloropr...	14.481	75	10624	22.63	ug/L	89
67) 1,3,5-Trichlorobenzene	14.627	180	108418	22.22	ug/L	94
68) 1,2,4-trichlorobenzene	15.133	180	92351	23.07	ug/L	94
69) Naphthalene	15.365	128	185242	23.51	ug/L	99
70) 1,2,3-Trichlorobenzene	15.554	180	82235	23.60	ug/L	95

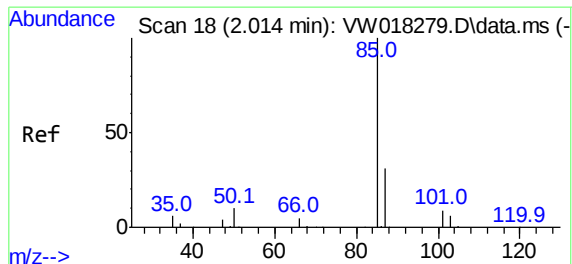
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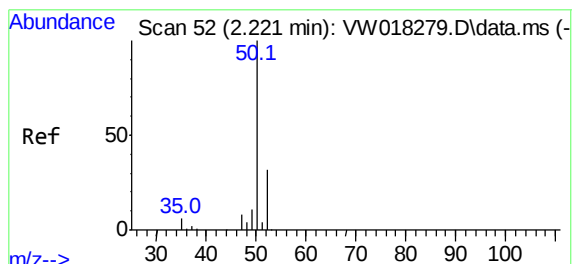
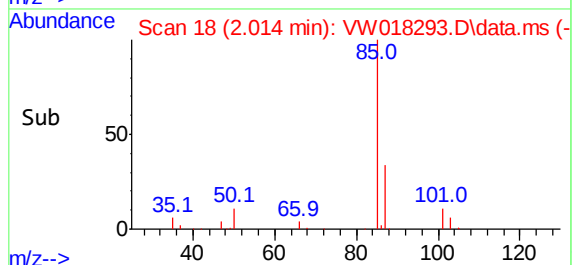
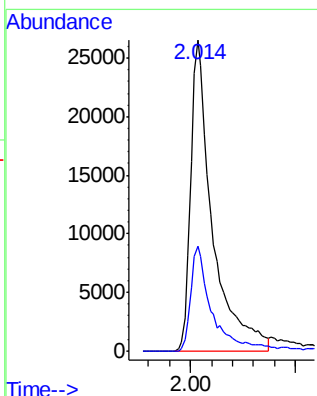
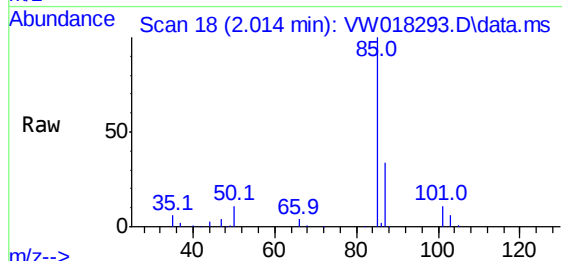




#2
Dichlorodifluoromethane
Concen: 23.16 ug/L
RT: 2.014 min Scan# 18
Delta R.T. -0.000 min
Lab File: VW018293.D
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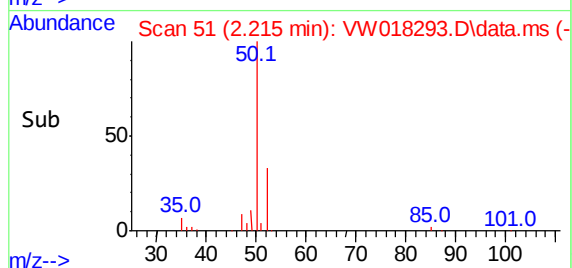
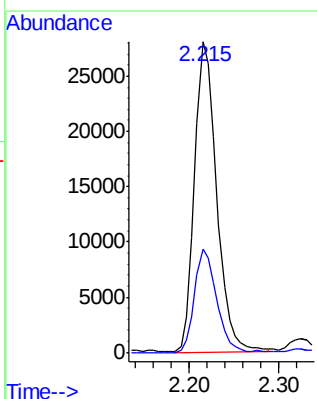
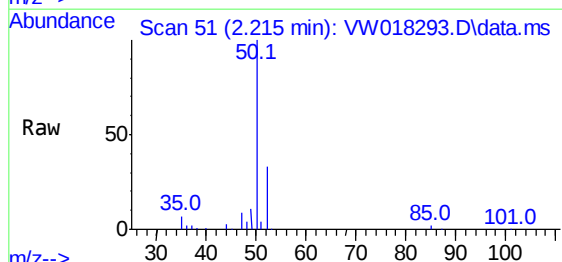
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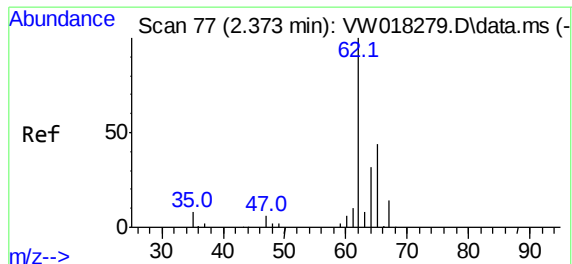
Tgt Ion: 85 Resp: 75828
Ion Ratio Lower Upper
85 100
87 31.1 22.2 41.2



#3
Chloromethane
Concen: 22.58 ug/L
RT: 2.215 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW018293.D
Acq: 11 Mar 2021 08:58

Tgt Ion: 50 Resp: 48470
Ion Ratio Lower Upper
50 100
52 33.1 23.7 43.9

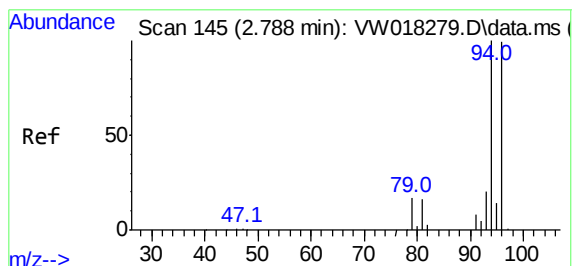
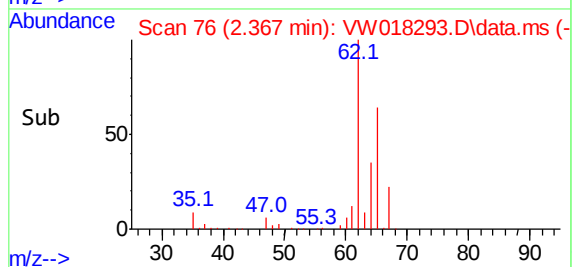
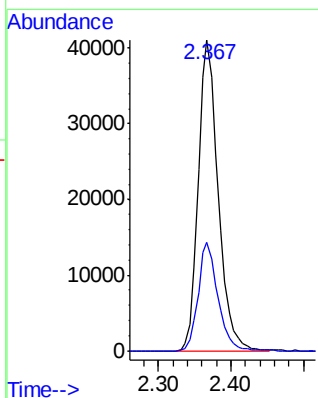
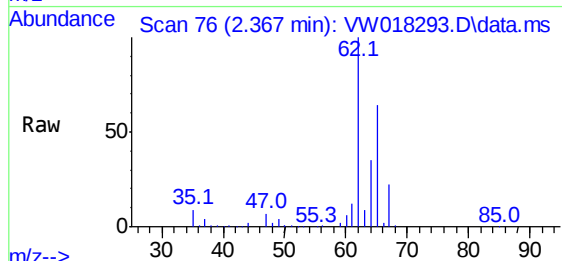




#5
 Vinyl chloride
 Concen: 23.94 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. -0.006 min
 Lab File: VW018293.D
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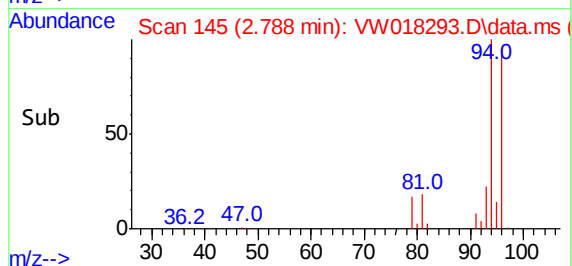
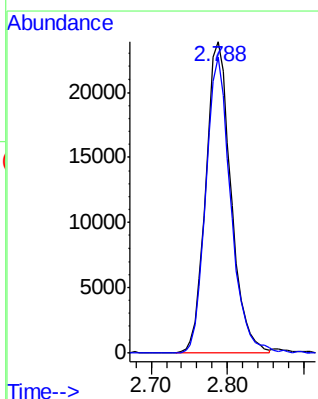
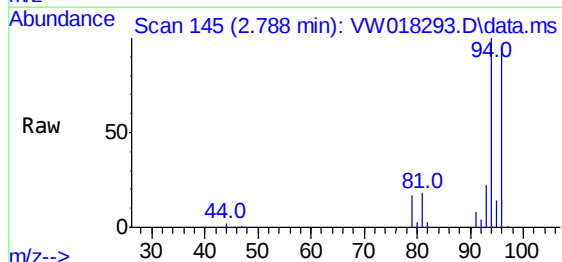
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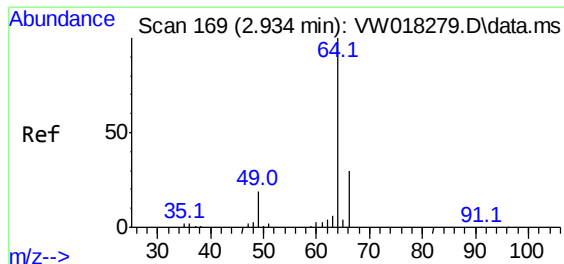
Tgt Ion: 62 Resp: 78928
 Ion Ratio Lower Upper
 62 100
 64 35.1 23.5 43.7



#6
 Bromomethane
 Concen: 22.33 ug/L
 RT: 2.788 min Scan# 145
 Delta R.T. -0.000 min
 Lab File: VW018293.D
 Acq: 11 Mar 2021 08:58

Tgt Ion: 94 Resp: 54746
 Ion Ratio Lower Upper
 94 100
 96 93.5 9.4 179.4

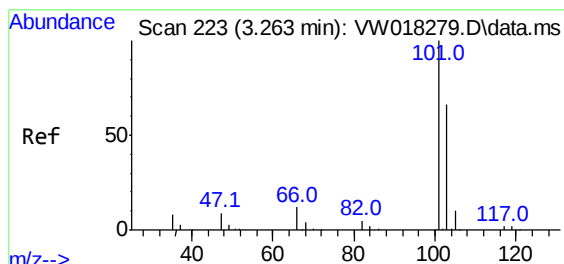
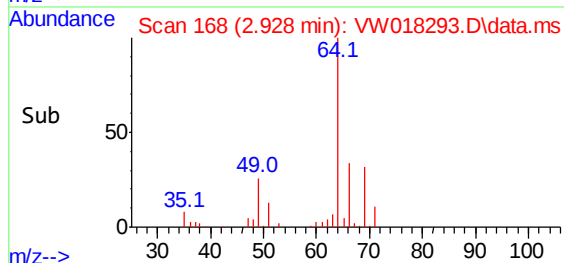
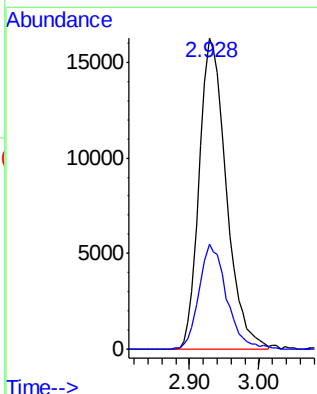
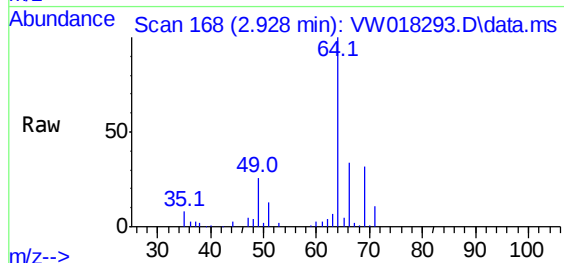




#8
Chloroethane
Concen: 23.20 ug/L
RT: 2.928 min Scan# 168
Delta R.T. -0.006 min
Lab File: VW018293.D
Acq: 11 Mar 2021 08:58

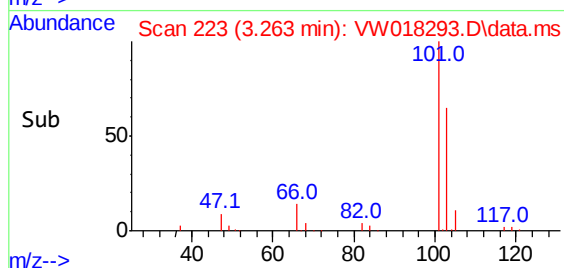
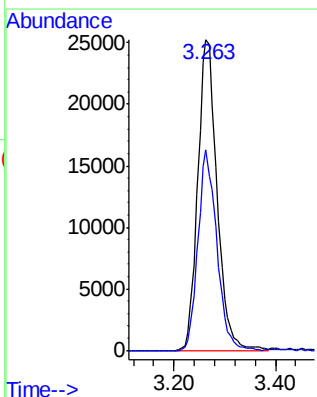
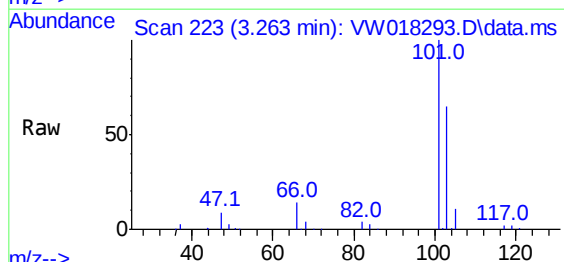
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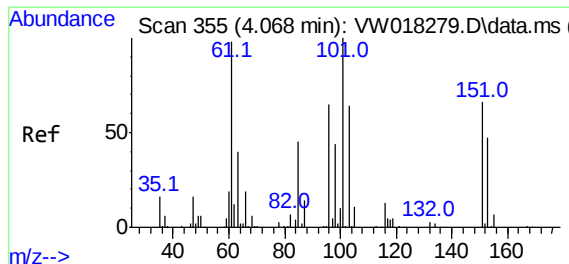
Tgt Ion: 64 Resp: 43895
Ion Ratio Lower Upper
64 100
66 33.6 21.6 40.0



#9
Trichlorofluoromethane
Concen: 23.92 ug/L
RT: 3.263 min Scan# 223
Delta R.T. -0.000 min
Lab File: VW018293.D
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Tgt Ion: 101 Resp: 66514
Ion Ratio Lower Upper
101 100
103 62.9 45.6 84.8

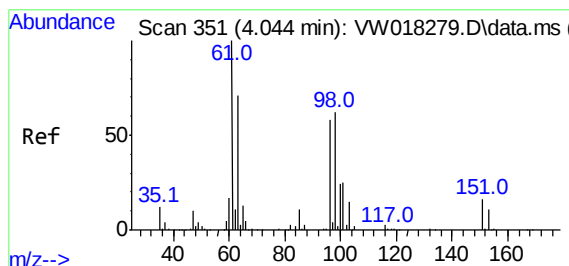
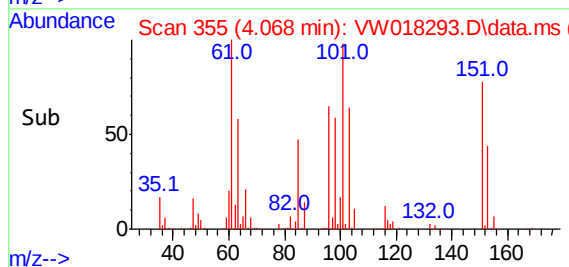
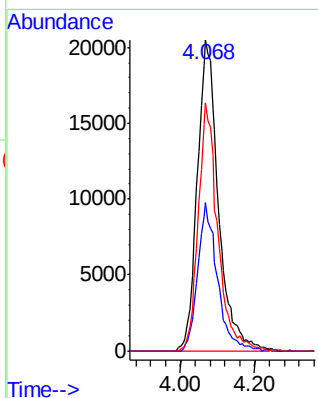
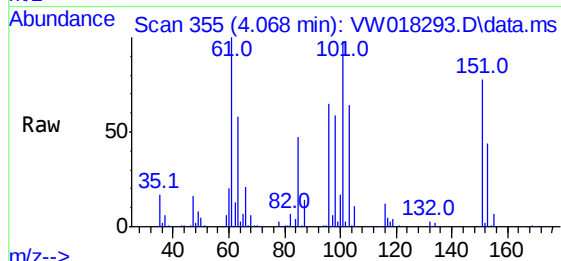




#11
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.02 ug/L
 RT: 4.068 min Scan# 355
 Delta R.T. -0.000 min
 Lab File: VW018293.D
 Acq: 11 Mar 2021 08:58

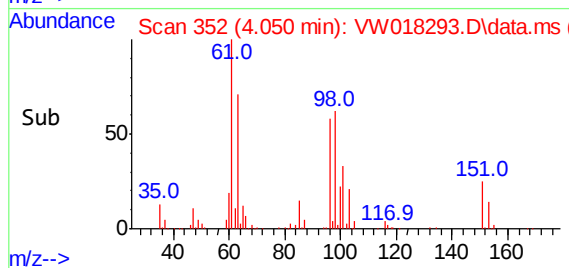
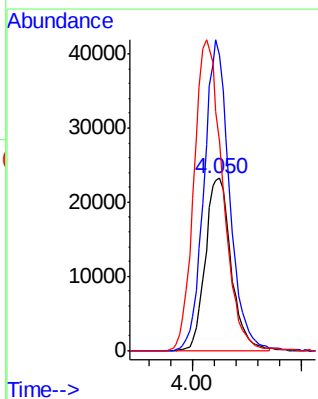
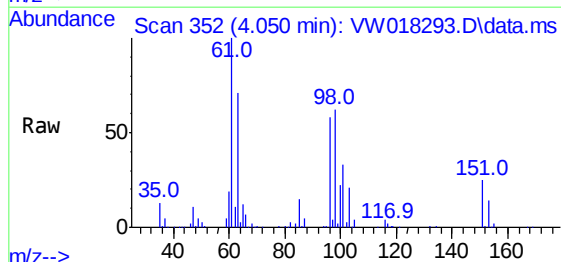
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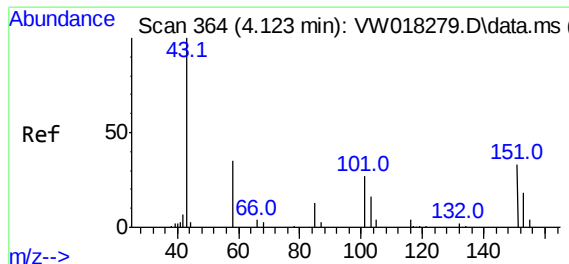
Tgt Ion:	101	Resp:	80711
Ion	Ratio	Lower	Upper
101	100		
85	44.2	35.6	53.4
151	72.3	58.1	87.1



#12
 1,1-Dichloroethene
 Concen: 24.48 ug/L
 RT: 4.050 min Scan# 352
 Delta R.T. 0.006 min
 Lab File: VW018293.D
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Tgt Ion:	96	Resp:	75902
Ion	Ratio	Lower	Upper
96	100		
61	171.6	118.6	220.2
63	121.5	82.4	153.0

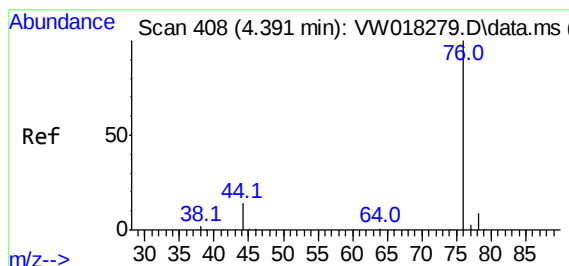
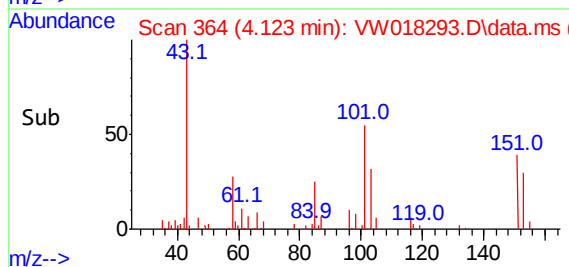
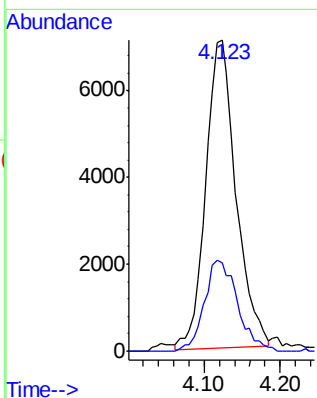
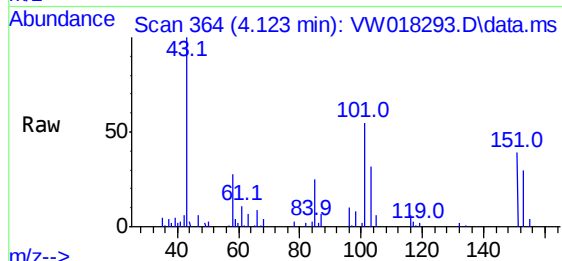




#13
Acetone
Concen: 41.23 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.000 min
Lab File: VW018293.D
Acq: 11 Mar 2021 08:58

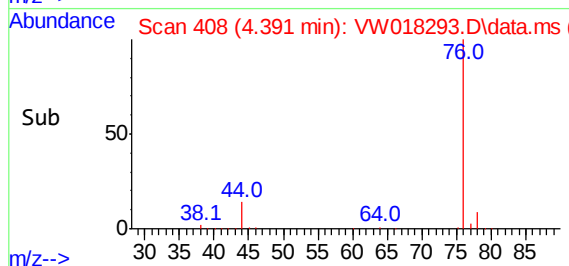
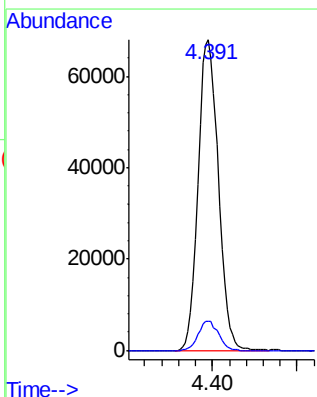
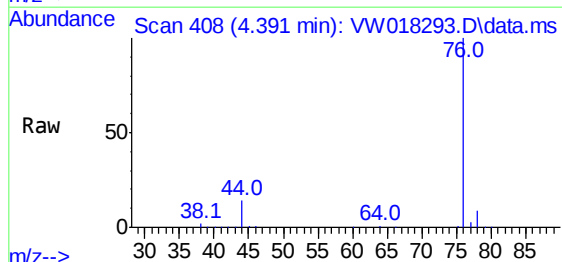
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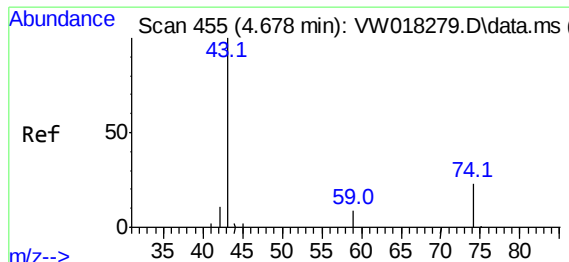
Tgt Ion: 43 Resp: 19577
Ion Ratio Lower Upper
43 100
58 31.9 0.0 62.2



#14
Carbon disulfide
Concen: 24.12 ug/L
RT: 4.391 min Scan# 408
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 217844
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2

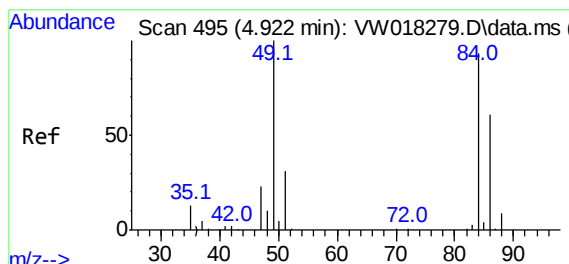
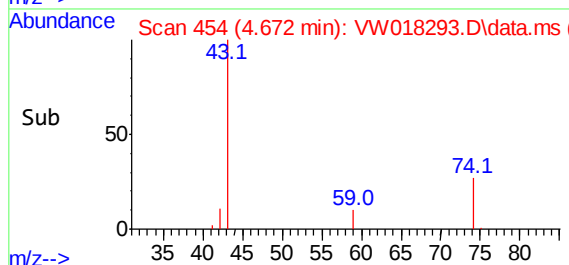
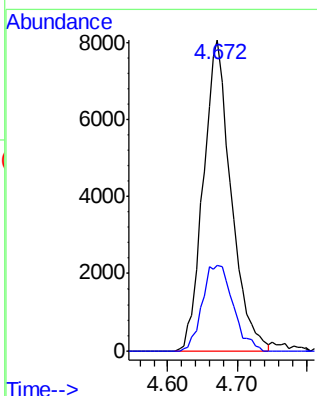
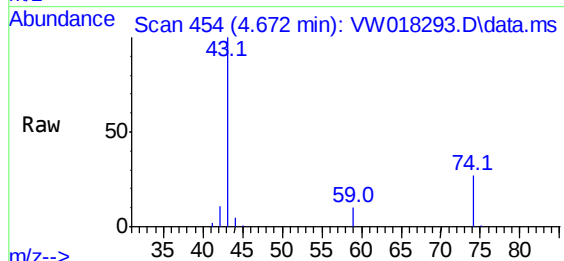




#15
Methyl Acetate
Concen: 21.75 ug/L
RT: 4.672 min Scan# 454
Delta R.T. -0.006 min
Lab File: VW018293.D
Acq: 11 Mar 2021 08:58

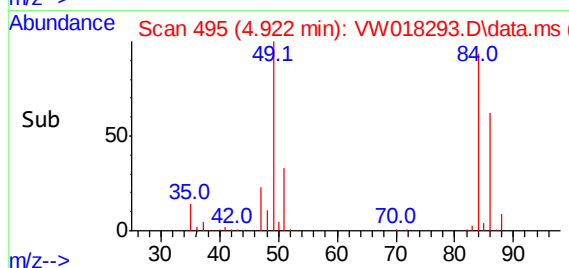
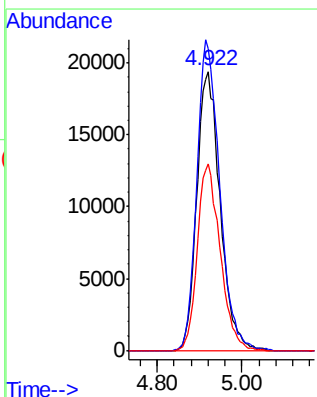
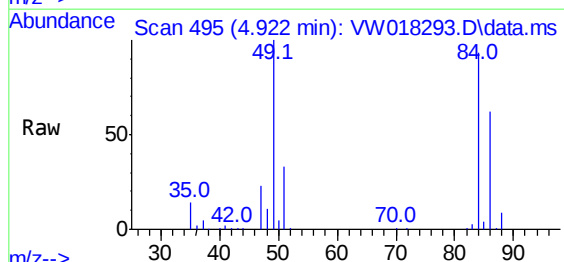
Instrument :
MSVOA_W
ClientSampleId :
VSTD02537

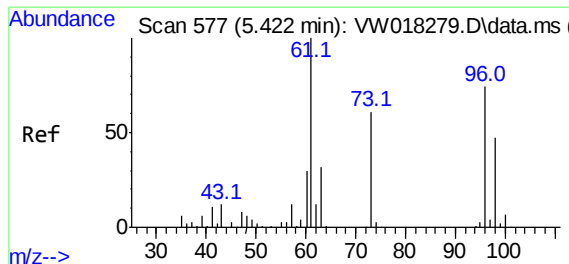
Tgt Ion: 43 Resp: 22327
Ion Ratio Lower Upper
43 100
74 12.8 22.9 34.3#



#16
Methylene chloride
Concen: 19.95 ug/L
RT: 4.922 min Scan# 495
Delta R.T. -0.000 min
Lab File: VW018293.D
Acq: 11 Mar 2021 08:58

Tgt Ion: 84 Resp: 71849
Ion Ratio Lower Upper
84 100
49 108.0 74.4 138.2
86 66.9 46.1 85.7

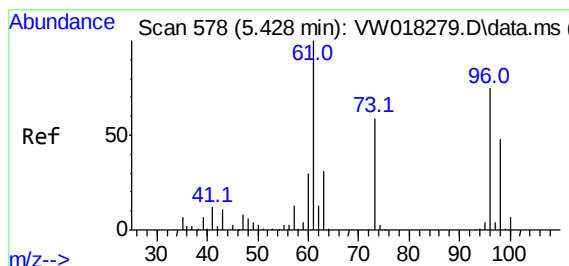
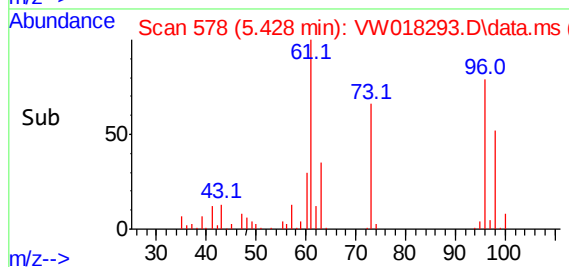
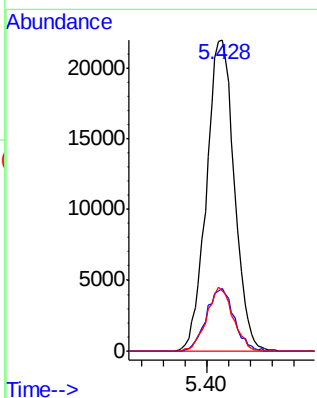
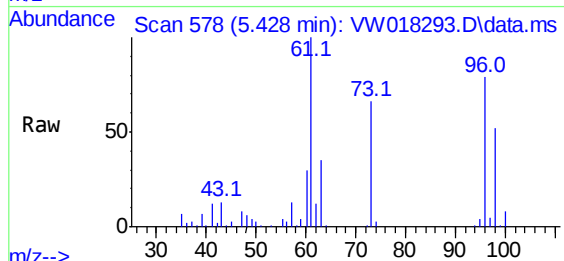




#17
Methyl tert-butyl Ether
Concen: 21.91 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW018293.D
Acq: 11 Mar 2021 08:58

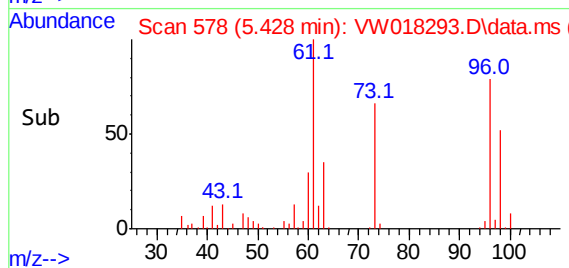
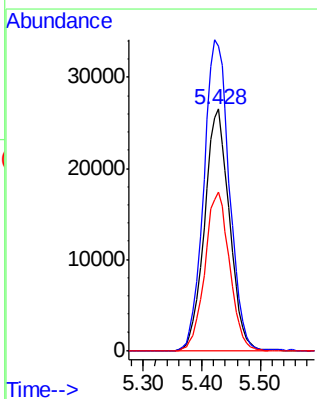
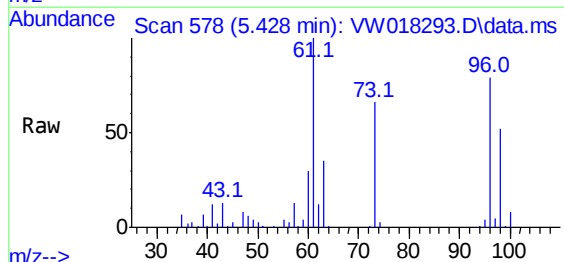
Instrument :
MSVOA_W
ClientSampleId :
VSTD02537

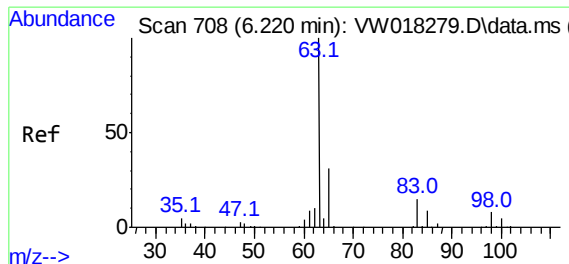
Tgt Ion: 73 Resp: 77916
Ion Ratio Lower Upper
73 100
43 19.9 16.6 24.8
57 19.2 15.9 23.9



#18
trans-1,2-Dichloroethene
Concen: 23.60 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW018293.D
Acq: 11 Mar 2021 08:58

Tgt Ion: 96 Resp: 77776
Ion Ratio Lower Upper
96 100
61 126.4 93.3 173.3
98 65.7 45.2 84.0



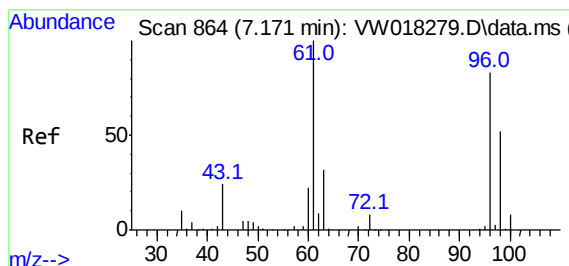
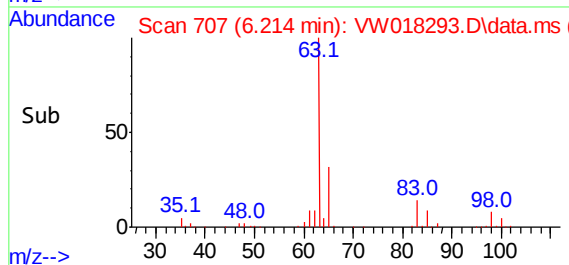
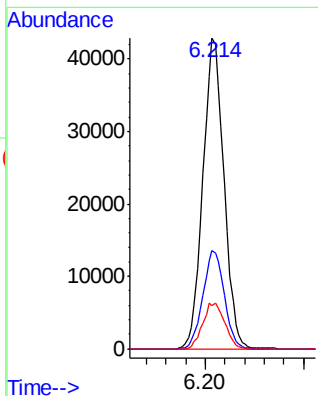
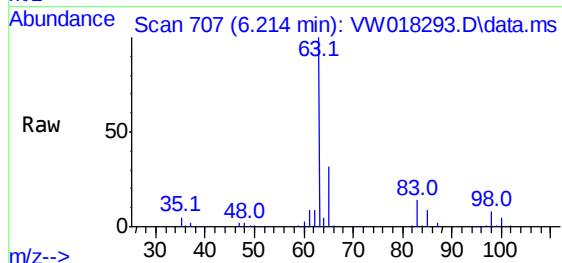


#19
1,1-Dichloroethane
Concen: 23.59 ug/L
RT: 6.214 min Scan# 707
Delta R.T. -0.006 min
Lab File: VW018293.D
Acq: 11 Mar 2021 08:58

Instrument :
MSVOA_W
ClientSampleId :
VSTD02537

Tgt Ion: 63 Resp: 127395

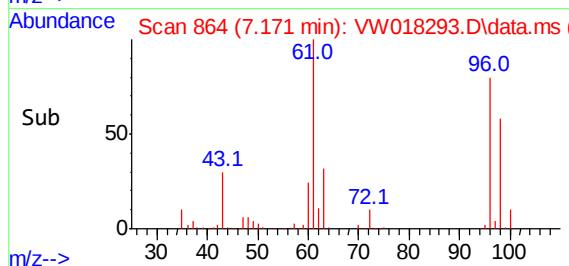
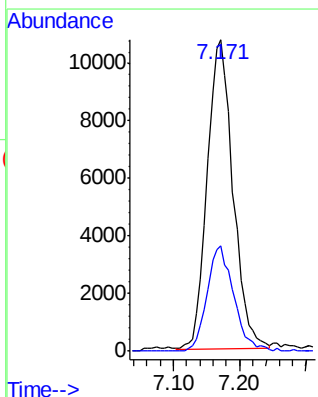
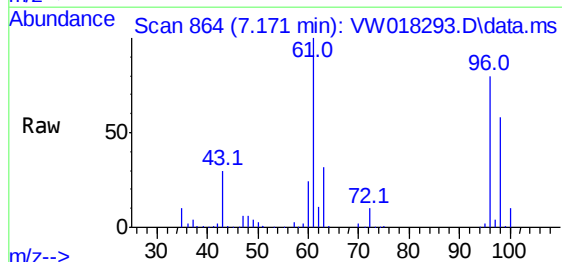
Ion	Ratio	Lower	Upper
63	100		
65	31.5	23.5	43.7
83	14.1	10.3	19.1

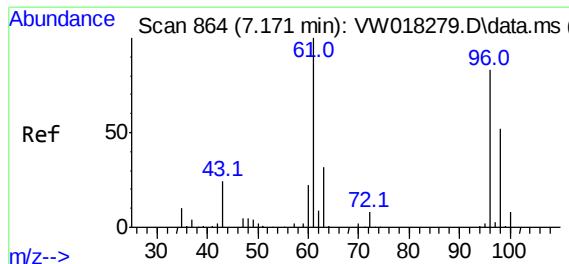


#21
2-Butanone
Concen: 44.14 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW018293.D
Acq: 11 Mar 2021 08:58

Tgt Ion: 43 Resp: 29033

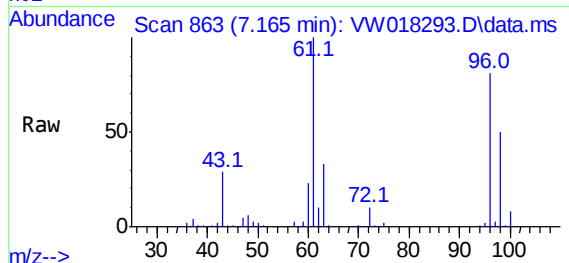
Ion	Ratio	Lower	Upper
43	100		
72	33.9	16.5	49.5





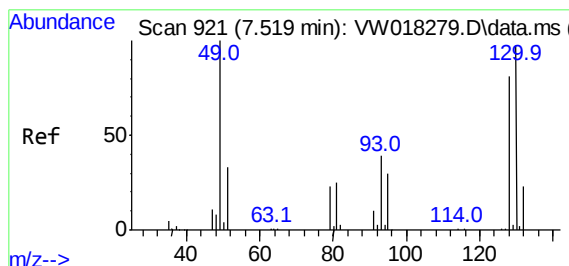
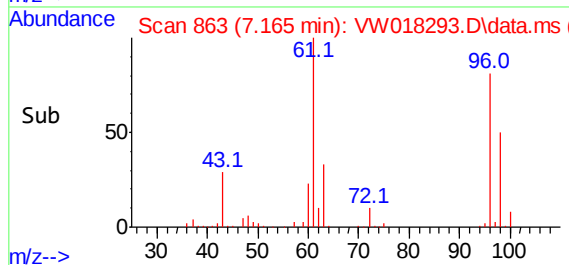
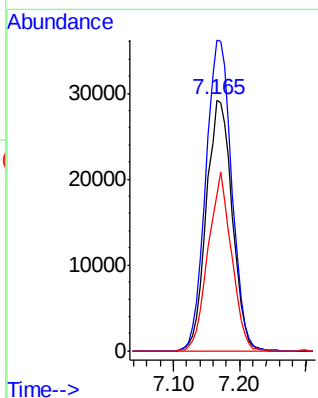
#22
 cis-1,2-Dichloroethene
 Concen: 22.84 ug/L
 RT: 7.165 min Scan# 863
 Delta R.T. -0.006 min
 Lab File: VW018293.D
 Acq: 11 Mar 2021 08:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02537



Tgt Ion: 96 Resp: 78759

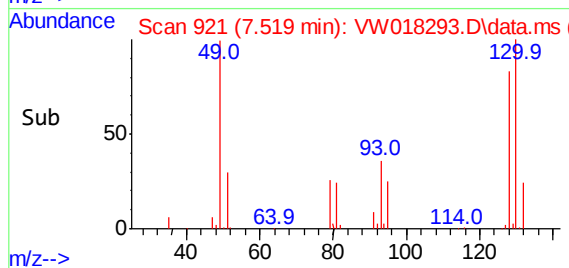
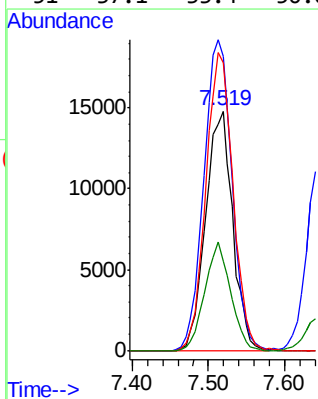
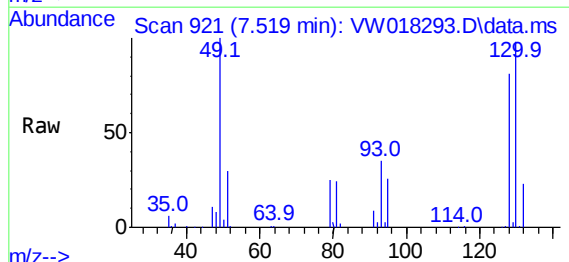
Ion	Ratio	Lower	Upper
96	100		
61	123.9	84.8	157.6
98	62.3	45.1	83.9

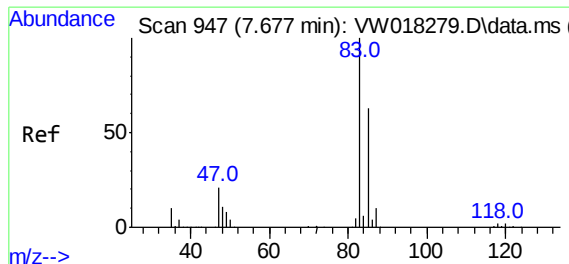


#23
 Bromochloromethane
 Concen: 23.46 ug/L
 RT: 7.519 min Scan# 921
 Delta R.T. -0.000 min
 Lab File: VW018293.D
 Acq: 11 Mar 2021 08:58

Tgt Ion: 128 Resp: 36395

Ion	Ratio	Lower	Upper
128	100		
49	123.1	92.4	171.6
130	120.2	83.9	155.7
51	37.1	33.4	50.0

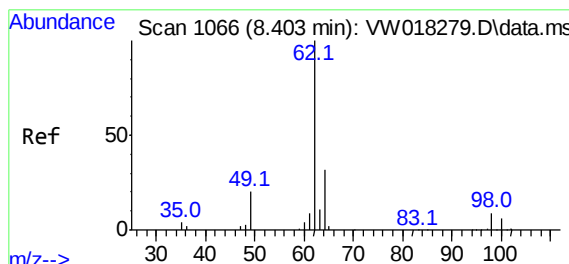
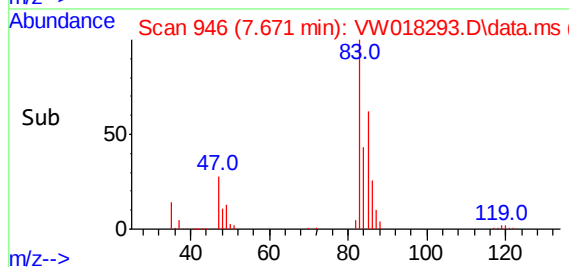
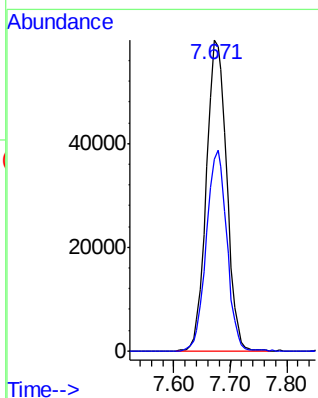
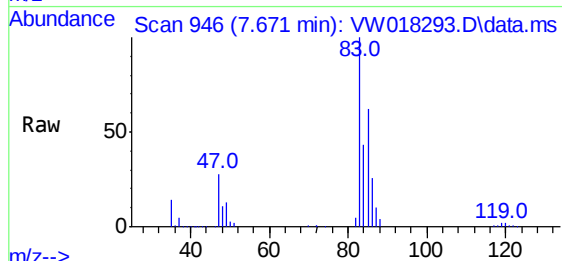




#25
Chloroform
Concen: 23.85 ug/L
RT: 7.671 min Scan# 946
Delta R.T. -0.006 min
Lab File: VW018293.D
Acq: 11 Mar 2021 08:58

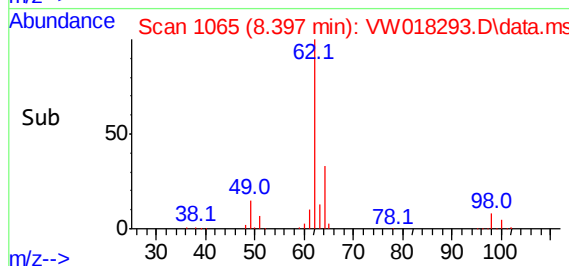
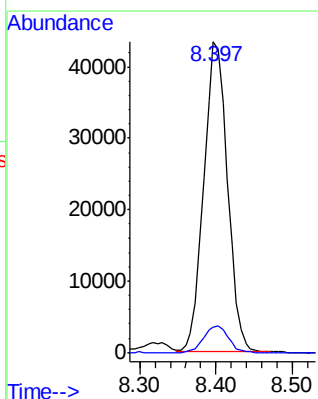
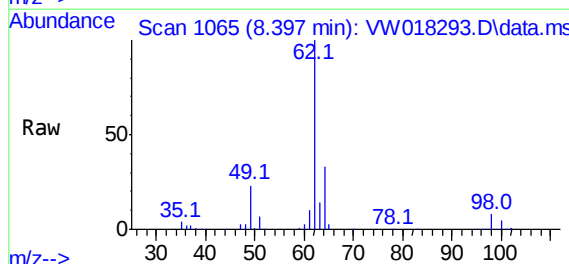
Instrument :
MSVOA_W
ClientSampleId :
VSTD02537

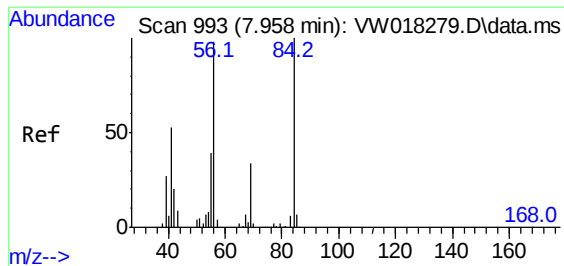
Tgt Ion: 83 Resp: 147591
Ion Ratio Lower Upper
83 100
85 65.2 46.4 86.2



#27
1,2-Dichloroethane
Concen: 22.84 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VW018293.D
Acq: 11 Mar 2021 08:58

Tgt Ion: 62 Resp: 93727
Ion Ratio Lower Upper
62 100
98 8.3 6.4 9.6

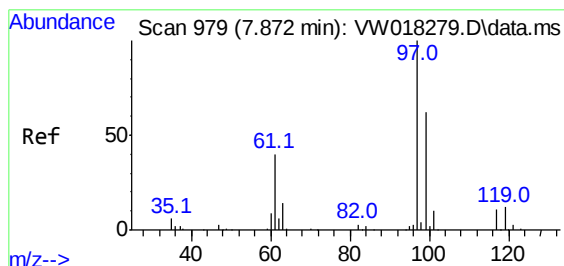
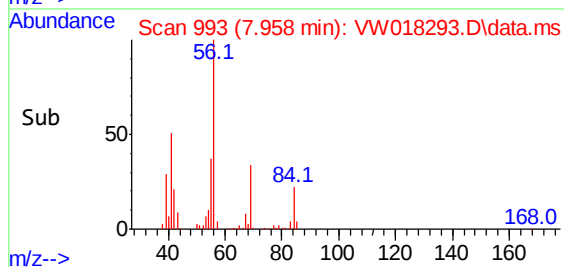
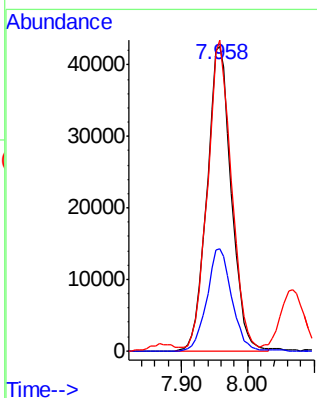
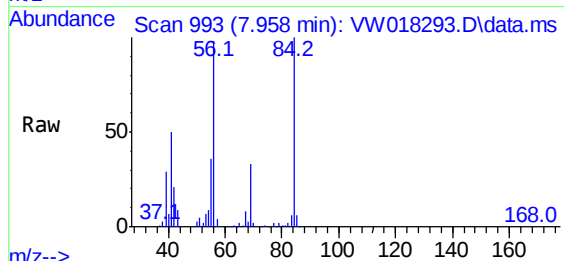




#30
Cyclohexane
Concen: 24.96 ug/L
RT: 7.958 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW018293.D
Acq: 11 Mar 2021 08:58

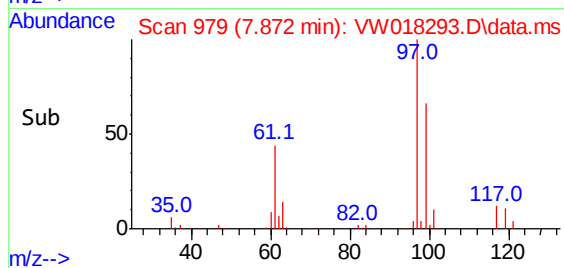
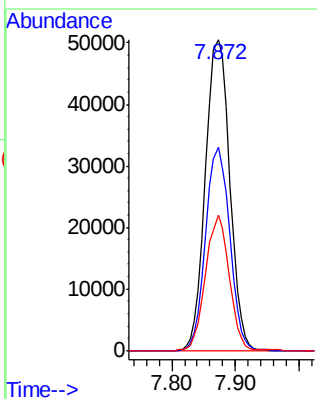
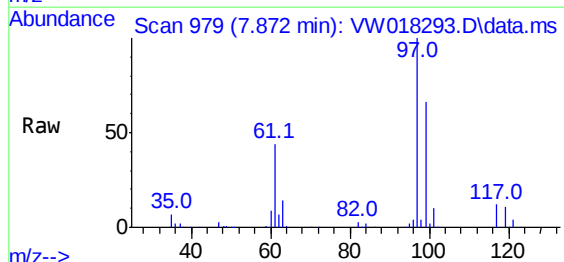
Instrument :
MSVOA_W
ClientSampleId :
VSTD02537

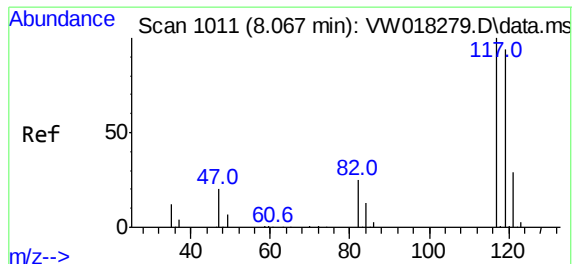
Tgt Ion: 56 Resp: 109170
Ion Ratio Lower Upper
56 100
69 34.1 27.0 40.6
84 100.7 79.9 119.9



#31
1,1,1-Trichloroethane
Concen: 25.96 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW018293.D
Acq: 11 Mar 2021 08:58

Tgt Ion: 97 Resp: 129900
Ion Ratio Lower Upper
97 100
99 64.8 51.7 77.5
61 42.2 34.8 52.2

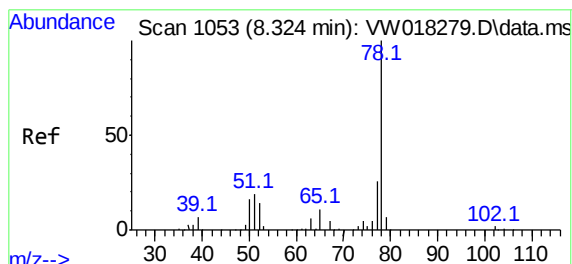
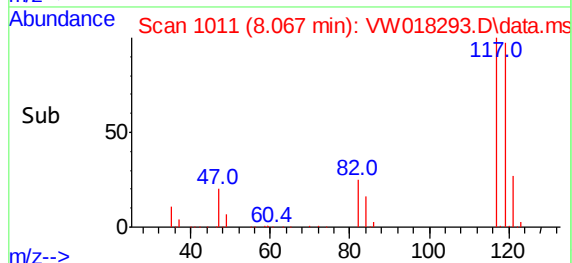
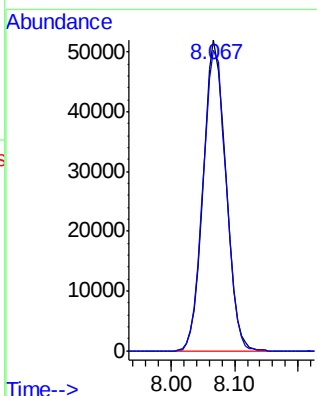
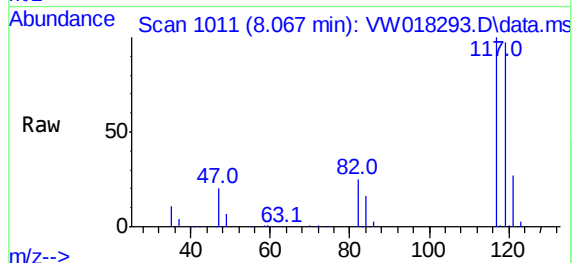




#32
Carbon tetrachloride
Concen: 25.67 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW018293.D
Acq: 11 Mar 2021 08:58

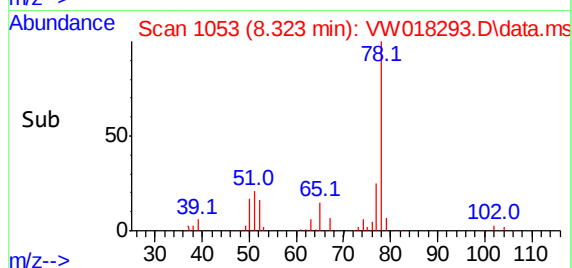
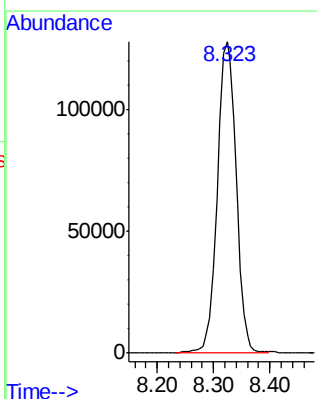
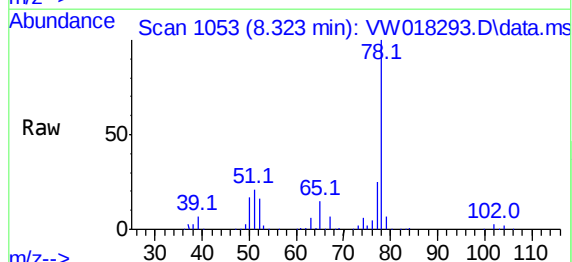
Instrument :
MSVOA_W
ClientSampleId :
VSTD02537

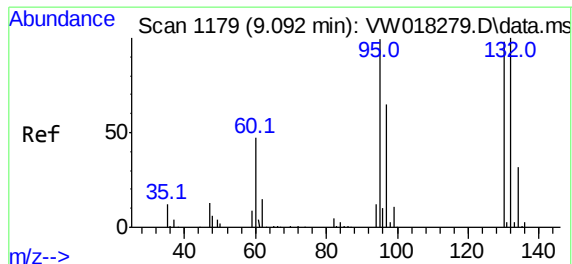
Tgt Ion:117 Resp: 123667
Ion Ratio Lower Upper
117 100
119 98.9 76.7 115.1



#34
Benzene
Concen: 25.32 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW018293.D
Acq: 11 Mar 2021 08:58

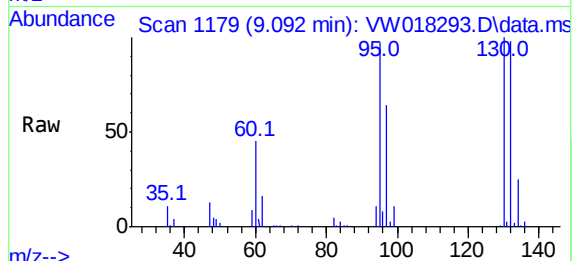
Tgt Ion: 78 Resp: 295392





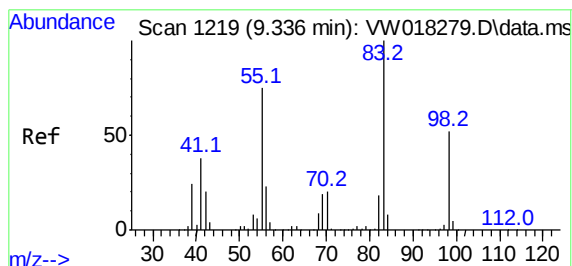
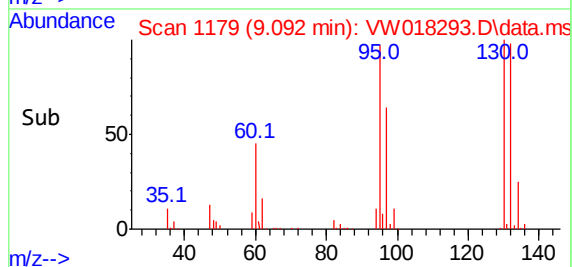
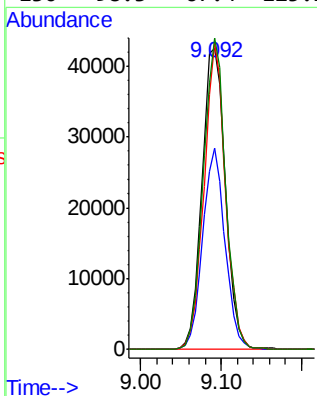
#35
Trichloroethene
Concen: 25.20 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW018293.D
Acq: 11 Mar 2021 08:58

Instrument :
MSVOA_W
ClientSampleId :
VSTD02537



Tgt Ion: 95 Resp: 86172

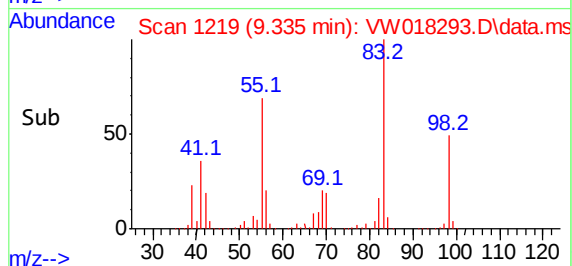
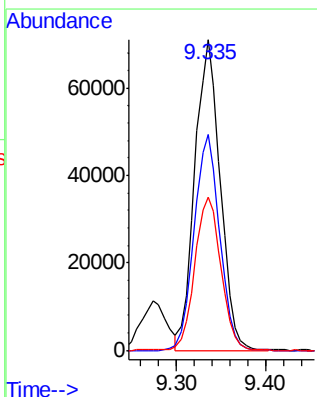
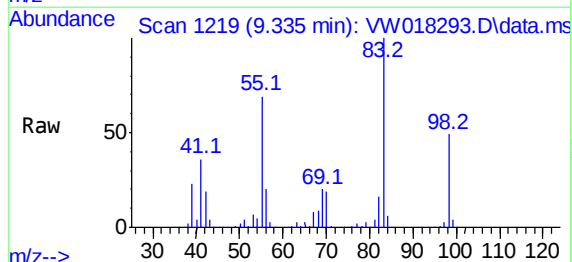
Ion	Ratio	Lower	Upper
95	100		
97	63.3	44.4	82.4
132	93.3	65.9	122.5
130	98.3	67.4	125.2

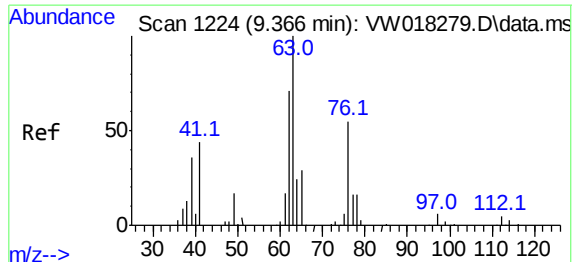


#36
Methylcyclohexane
Concen: 25.44 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW018293.D
Acq: 11 Mar 2021 08:58

Tgt Ion: 83 Resp: 139885

Ion	Ratio	Lower	Upper
83	100		
55	70.1	56.8	85.2
98	51.0	40.6	61.0

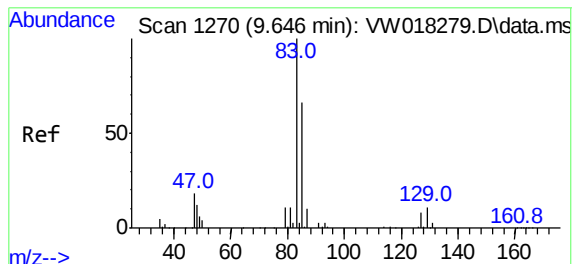
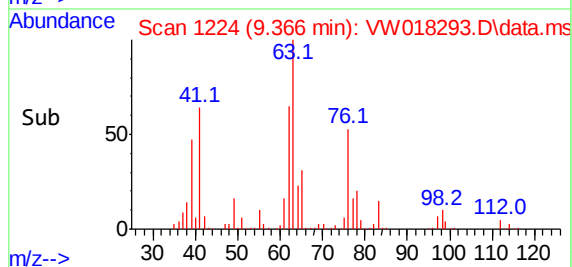
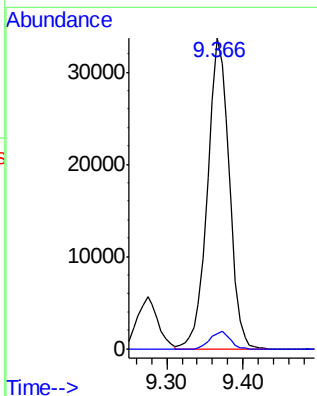
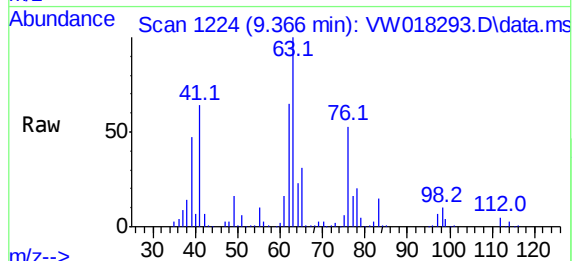




#40
1,2-Dichloropropane
Concen: 24.54 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. -0.000 min
Lab File: VW018293.D
Acq: 11 Mar 2021 08:58

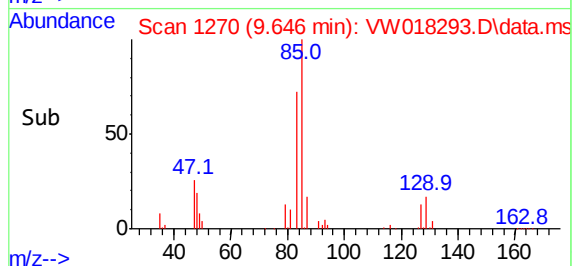
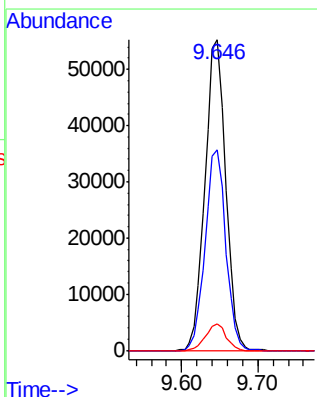
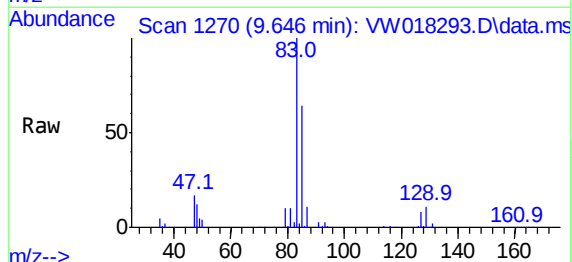
Instrument :
MSVOA_W
ClientSampleId :
VSTD02537

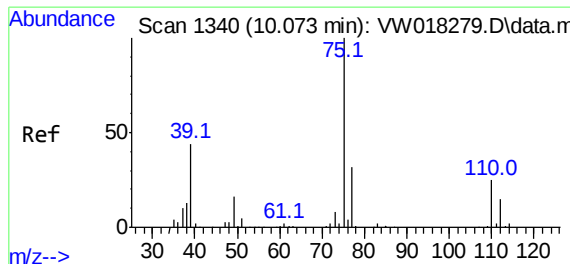
Tgt Ion: 63 Resp: 66508
Ion Ratio Lower Upper
63 100
112 5.1 4.2 6.4



#41
Bromodichloromethane
Concen: 24.77 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VW018293.D
Acq: 11 Mar 2021 08:58

Tgt Ion: 83 Resp: 104338
Ion Ratio Lower Upper
83 100
85 64.5 43.8 81.4
127 8.5 6.9 10.3

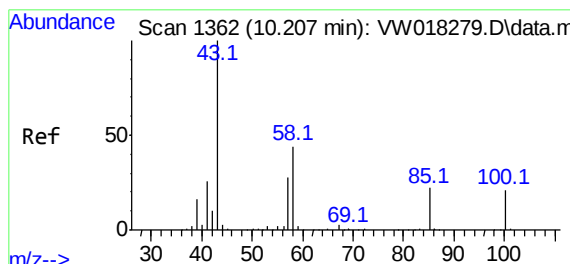
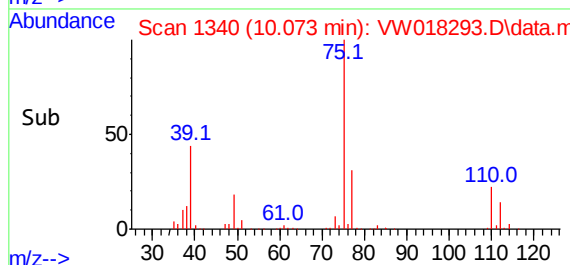
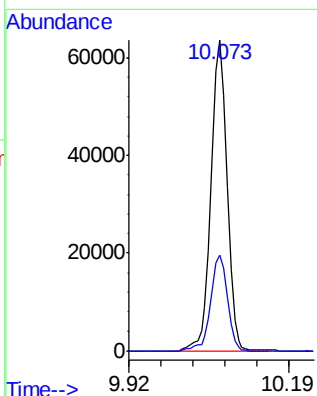
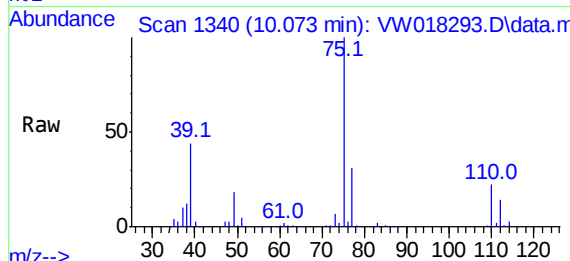




#42
cis-1,3-Dichloropropene
Concen: 25.23 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW018293.D
Acq: 11 Mar 2021 08:58

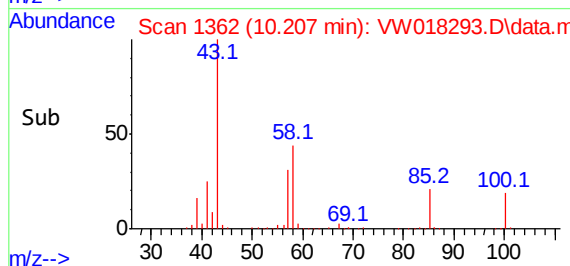
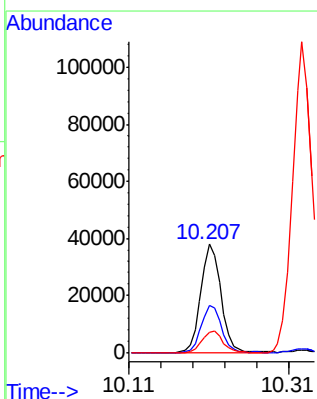
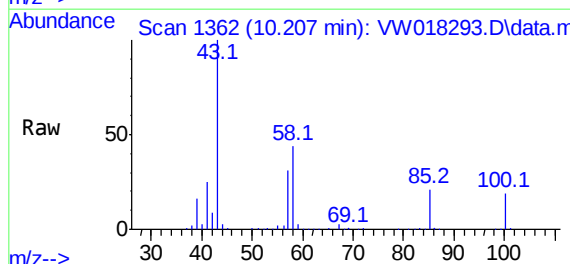
Instrument :
MSVOA_W
ClientSampleId :
VSTD02537

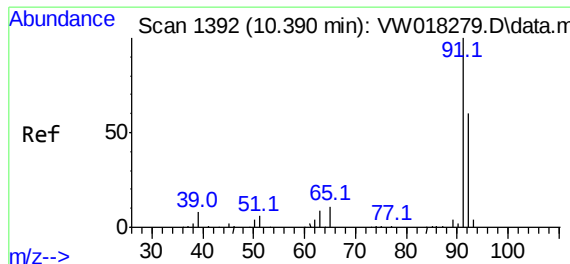
Tgt Ion: 75 Resp: 114585
Ion Ratio Lower Upper
75 100
77 30.7 22.4 41.6



#43
4-Methyl-2-pentanone
Concen: 46.90 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VW018293.D
Acq: 11 Mar 2021 08:58

Tgt Ion: 43 Resp: 65958
Ion Ratio Lower Upper
43 100
58 43.8 34.8 52.2
100 20.1 15.9 23.9

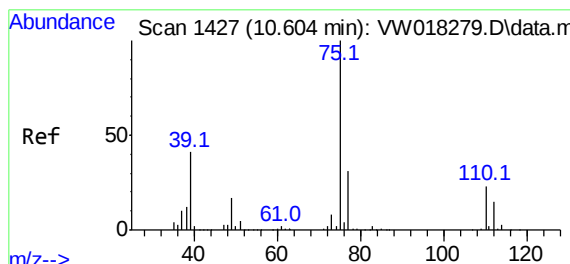
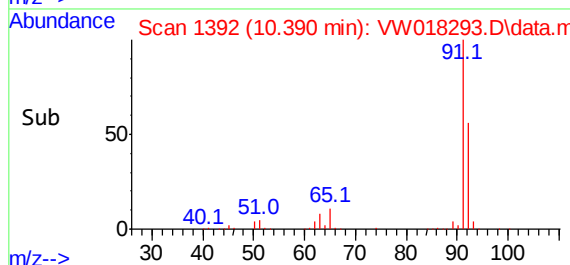
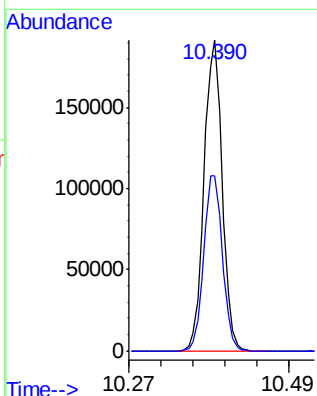
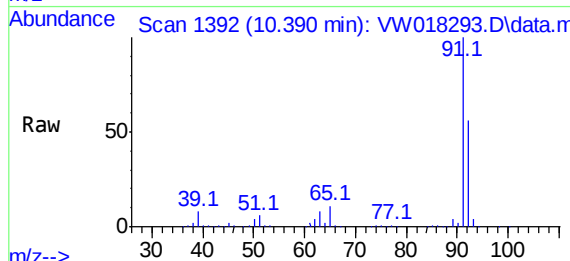




#44
Toluene
Concen: 25.28 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW018293.D
Acq: 11 Mar 2021 08:58

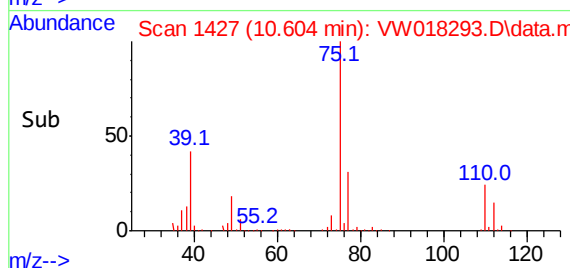
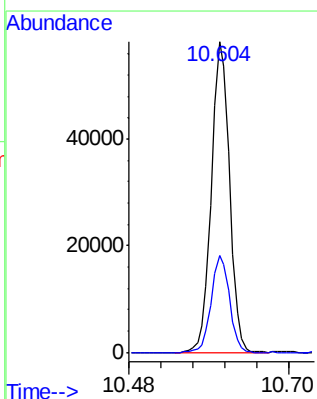
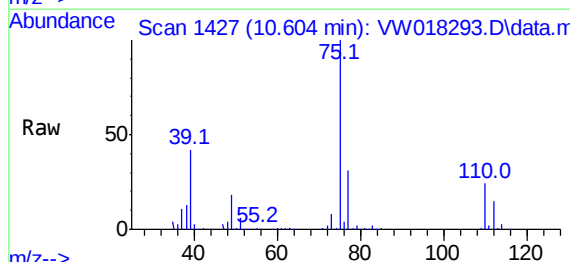
Instrument :
MSVOA_W
ClientSampleId :
VSTD02537

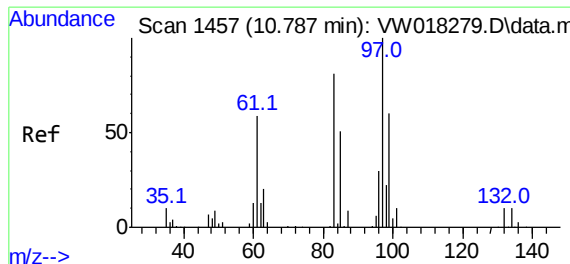
Tgt Ion: 91 Resp: 330445
Ion Ratio Lower Upper
91 100
92 56.4 42.3 78.5



#45
trans-1,3-Dichloropropene
Concen: 24.73 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW018293.D
Acq: 11 Mar 2021 08:58

Tgt Ion: 75 Resp: 100338
Ion Ratio Lower Upper
75 100
77 31.0 22.6 42.0



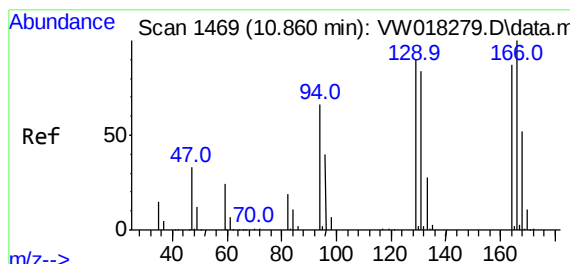
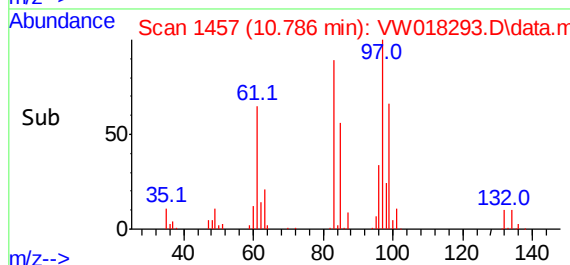
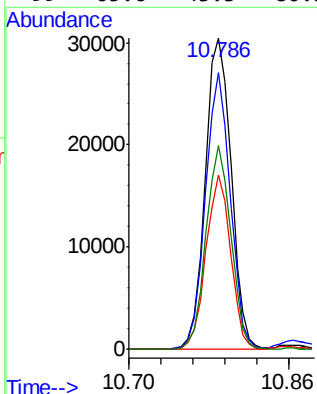
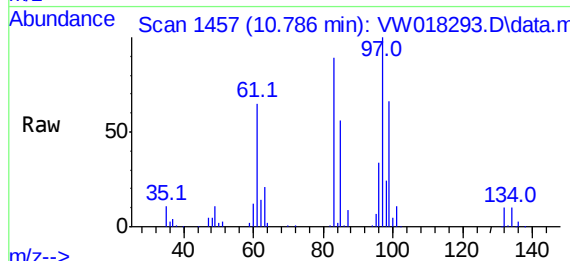


#46
1,1,2-Trichloroethane
Concen: 24.06 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW018293.D
Acq: 11 Mar 2021 08:58

Instrument :
MSVOA_W
ClientSampleId :
VSTD02537

Tgt Ion: 97 Resp: 53568

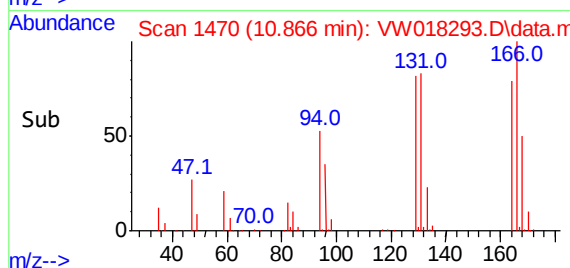
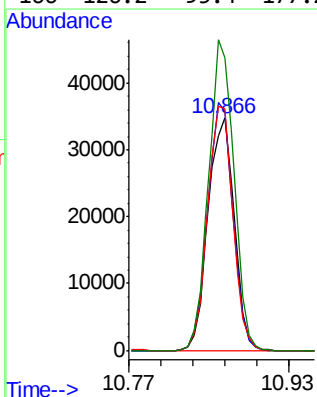
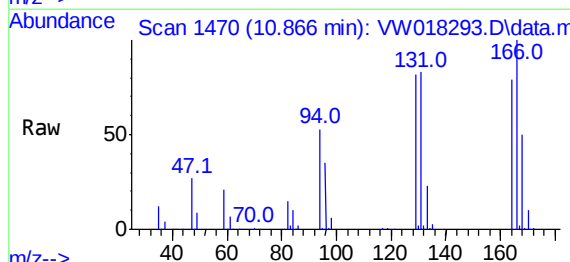
Ion	Ratio	Lower	Upper
97	100		
83	88.9	58.9	109.5
85	56.1	38.4	71.4
99	65.6	43.3	80.3

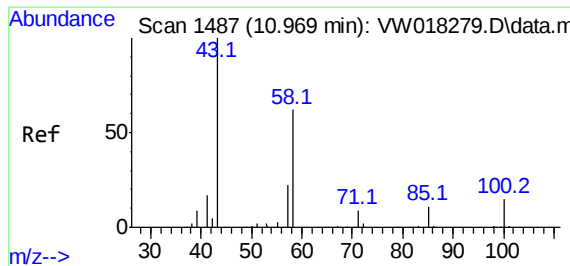


#47
Tetrachloroethene
Concen: 24.06 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW018293.D
Acq: 11 Mar 2021 08:58

Tgt Ion: 164 Resp: 61588

Ion	Ratio	Lower	Upper
164	100		
129	103.0	68.8	127.8
131	104.3	68.3	126.8
166	126.2	95.4	177.2



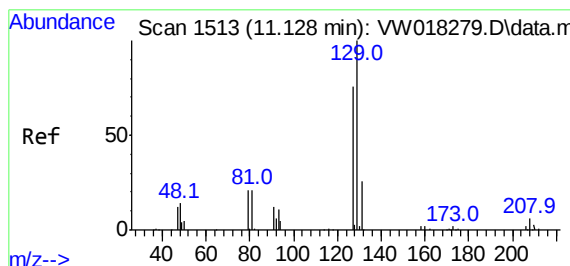
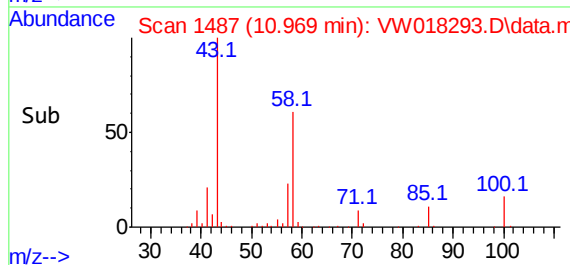
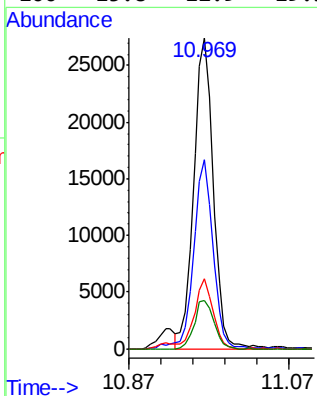
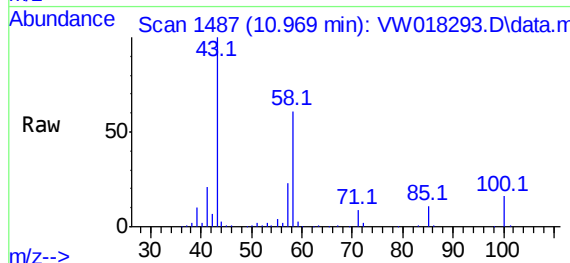


#49
2-Hexanone
Concen: 48.14 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW018293.D
Acq: 11 Mar 2021 08:58

Instrument :
MSVOA_W
ClientSampleId :
VSTD02537

Tgt Ion: 43 Resp: 46674

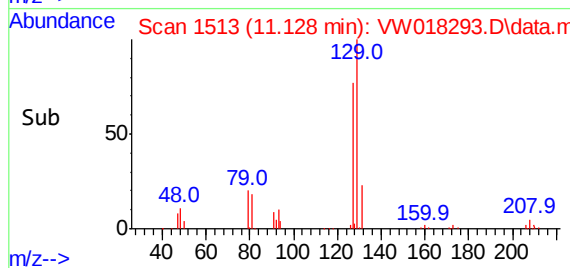
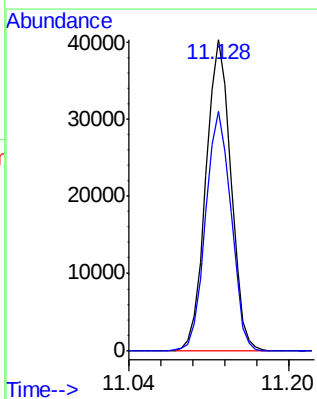
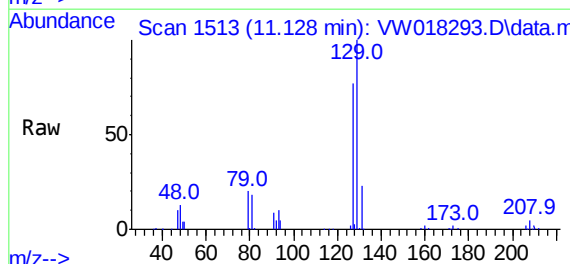
Ion	Ratio	Lower	Upper
43	100		
58	58.7	47.3	70.9
57	21.2	17.3	25.9
100	15.8	12.9	19.3

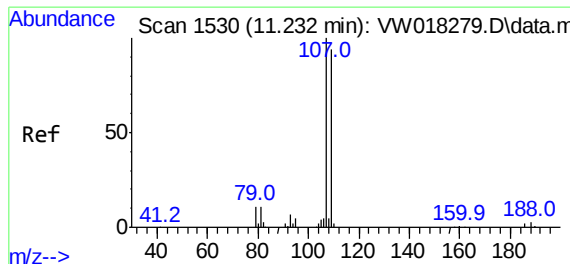


#50
Dibromochloromethane
Concen: 24.95 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW018293.D
Acq: 11 Mar 2021 08:58

Tgt Ion: 129 Resp: 68296

Ion	Ratio	Lower	Upper
129	100		
127	76.7	58.0	107.6

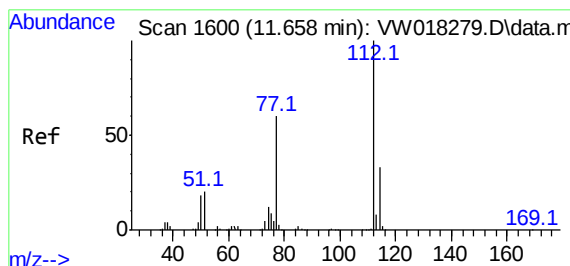
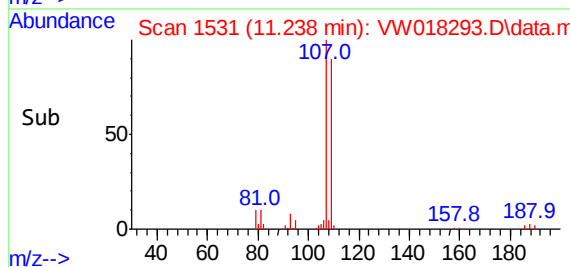
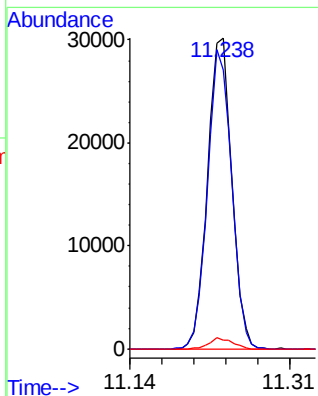
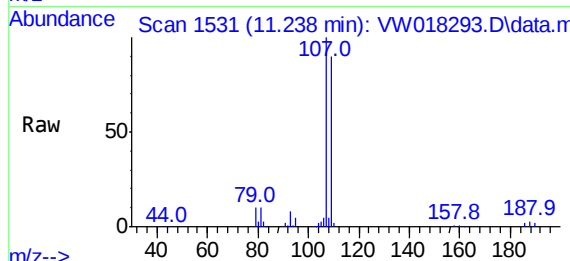




#51
1,2-Dibromoethane
Concen: 23.98 ug/L
RT: 11.238 min Scan# 1531
Delta R.T. 0.006 min
Lab File: VW018293.D
Acq: 11 Mar 2021 08:58

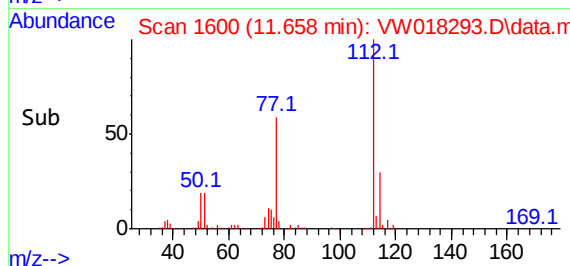
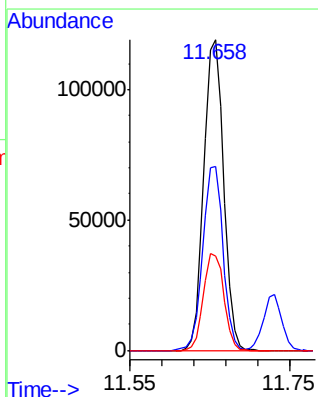
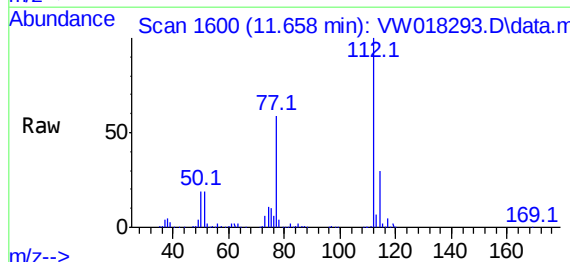
Instrument :
MSVOA_W
ClientSampleId :
VSTD02537

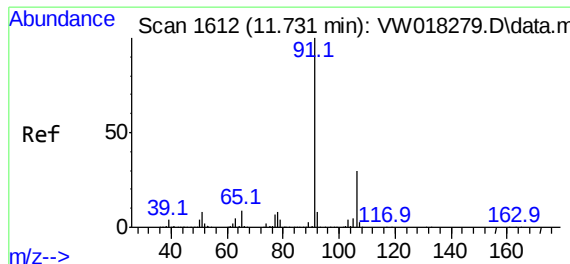
Tgt Ion:107 Resp: 52591
Ion Ratio Lower Upper
107 100
109 89.7 65.9 122.5
188 2.9 3.0 4.4#



#52
Chlorobenzene
Concen: 24.23 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW018293.D
Acq: 11 Mar 2021 08:58

Tgt Ion:112 Resp: 205197
Ion Ratio Lower Upper
112 100
77 59.2 45.4 68.2
114 30.4 22.5 41.9

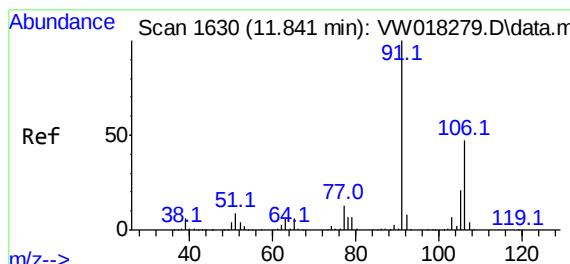
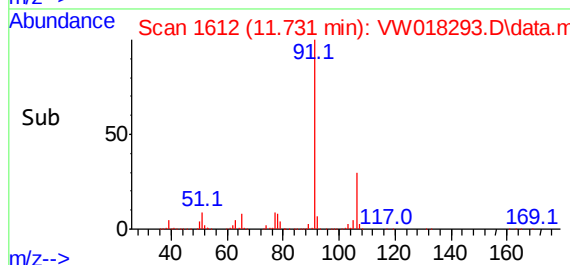
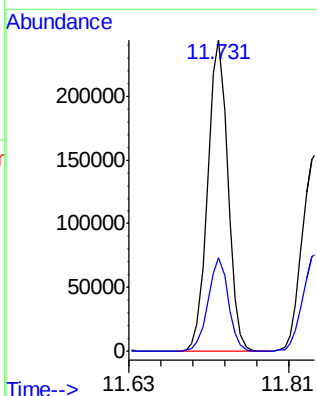
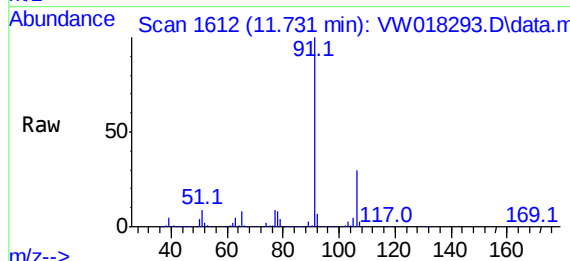




#53
Ethylbenzene
Concen: 25.44 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW018293.D
Acq: 11 Mar 2021 08:58

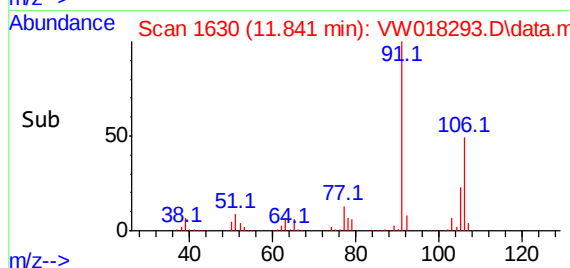
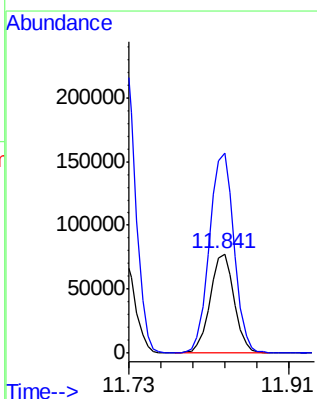
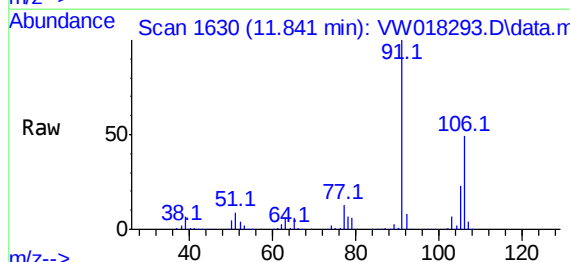
Instrument :
MSVOA_W
ClientSampleId :
VSTD02537

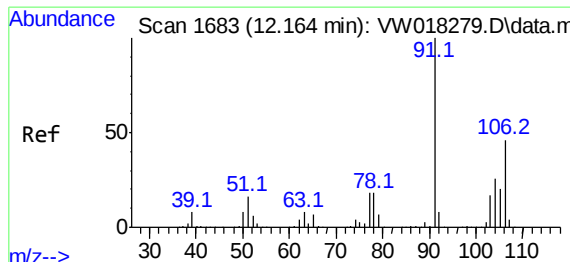
Tgt Ion: 91 Resp: 382085
Ion Ratio Lower Upper
91 100
106 29.8 21.7 40.3



#54
m,p-Xylene
Concen: 25.12 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW018293.D
Acq: 11 Mar 2021 08:58

Tgt Ion: 106 Resp: 142954
Ion Ratio Lower Upper
106 100
91 202.3 145.3 269.8

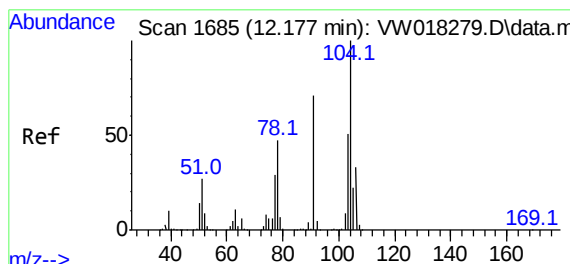
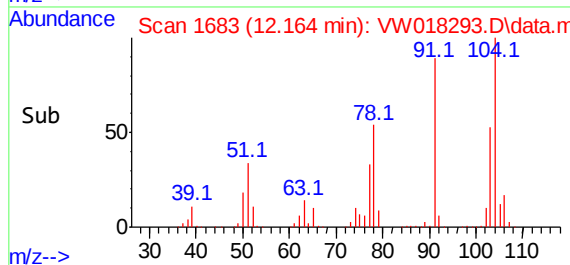
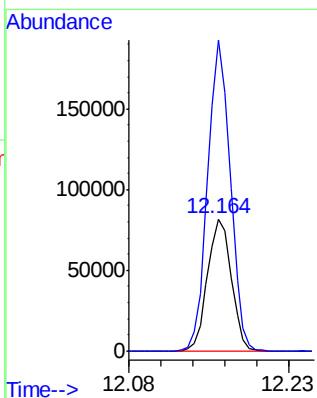
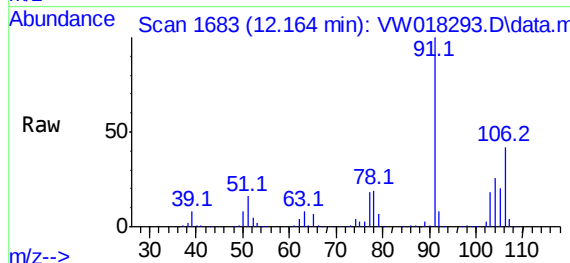




#55
o-xylene
Concen: 24.69 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW018293.D
Acq: 11 Mar 2021 08:58

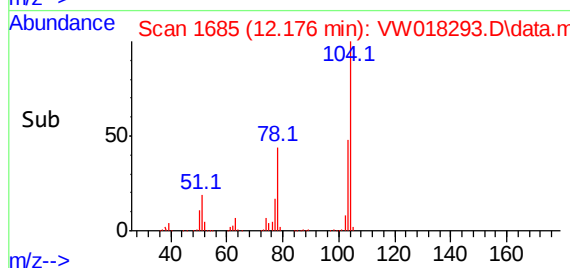
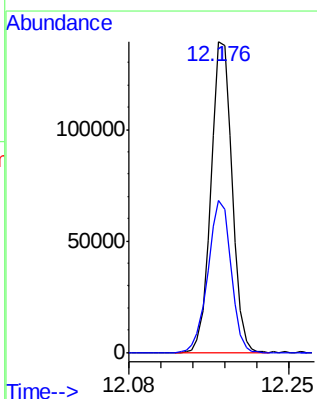
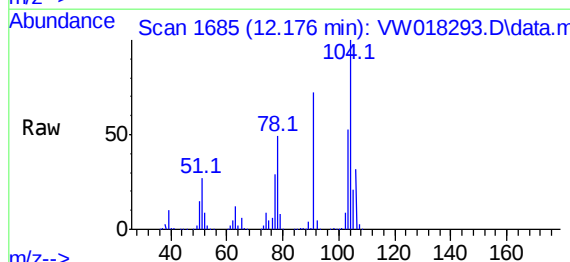
Instrument :
MSVOA_W
ClientSampleId :
VSTD02537

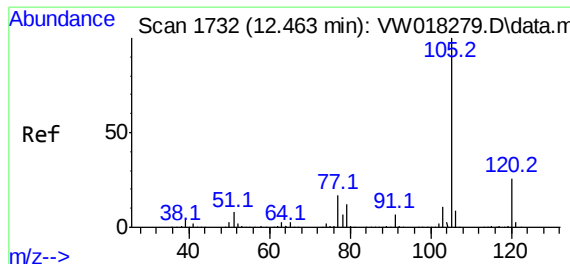
Tgt Ion:106 Resp: 131433
Ion Ratio Lower Upper
106 100
91 235.6 154.3 286.5



#56
Styrene
Concen: 25.03 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW018293.D
Acq: 11 Mar 2021 08:58

Tgt Ion:104 Resp: 228016
Ion Ratio Lower Upper
104 100
78 49.0 34.7 64.5

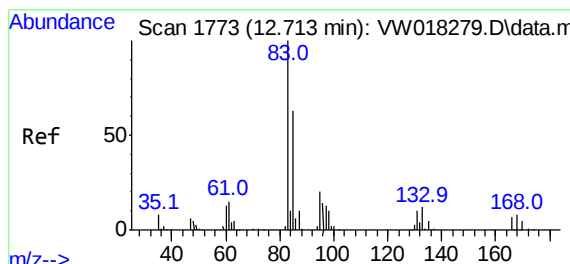
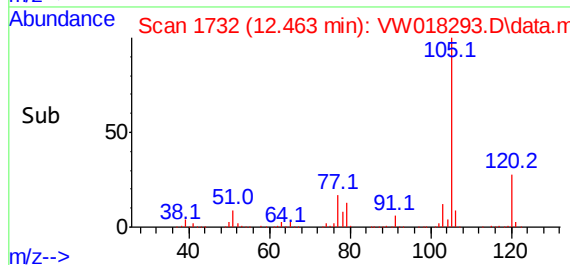
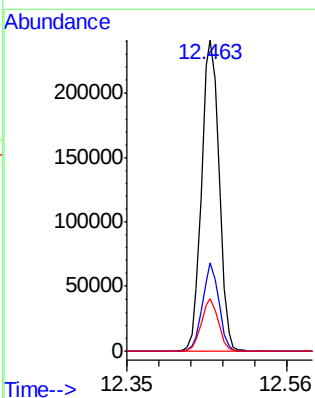
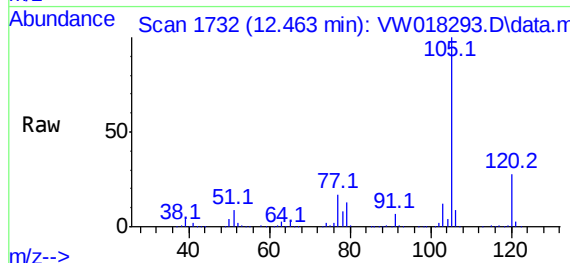




#57
Isopropylbenzene
Concen: 25.23 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW018293.D
Acq: 11 Mar 2021 08:58

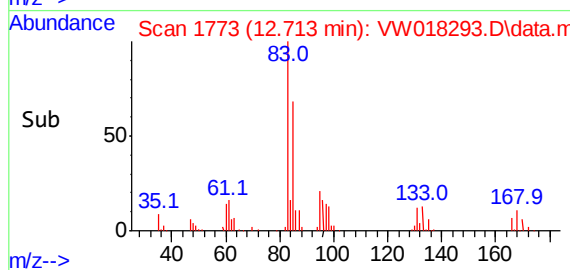
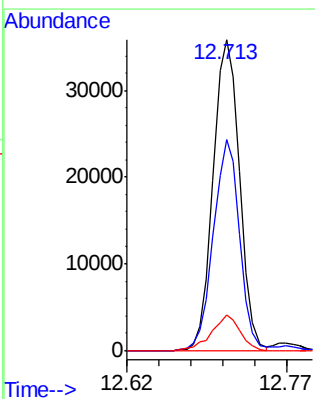
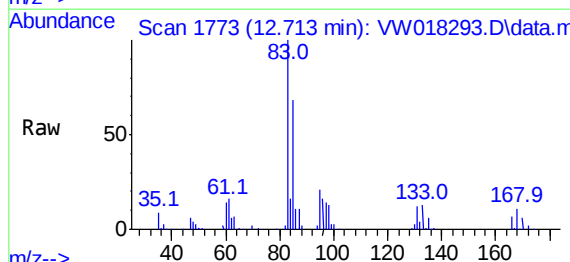
Instrument :
MSVOA_W
ClientSampleId :
VSTD02537

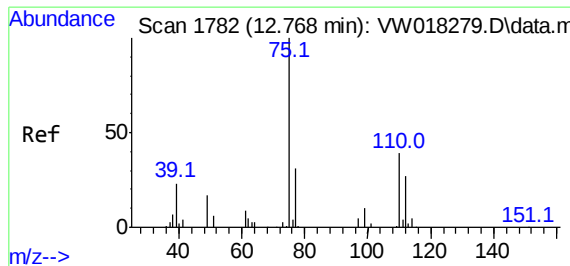
Tgt Ion:105 Resp: 380887
Ion Ratio Lower Upper
105 100
120 26.2 20.9 31.3
77 16.0 13.2 19.8



#58
1,1,2,2-Tetrachloroethane
Concen: 23.54 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW018293.D
Acq: 11 Mar 2021 08:58

Tgt Ion: 83 Resp: 60427
Ion Ratio Lower Upper
83 100
85 68.0 49.0 91.0
131 11.6 8.7 13.1

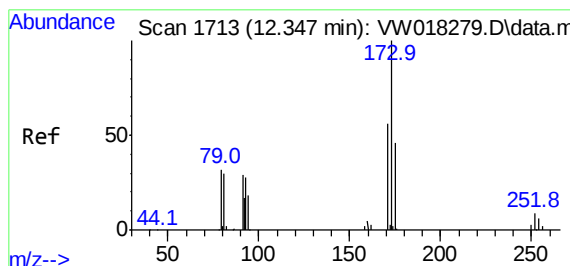
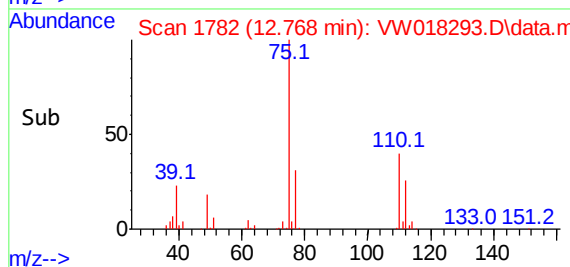
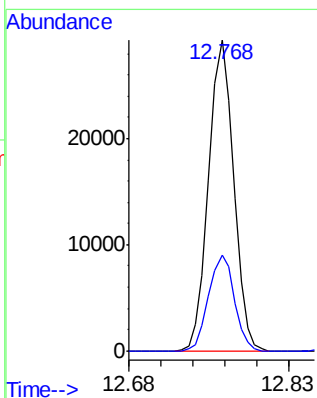
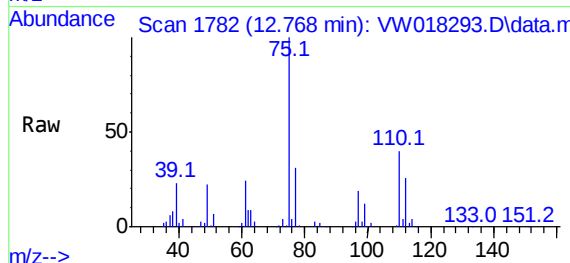




#59
1,2,3-Trichloropropane
Concen: 24.05 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW018293.D
Acq: 11 Mar 2021 08:58

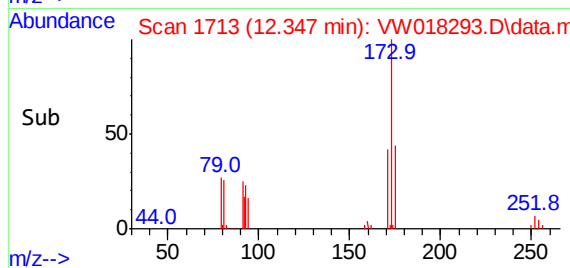
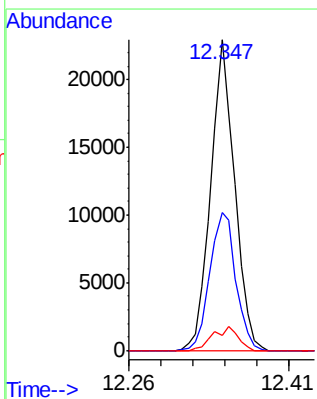
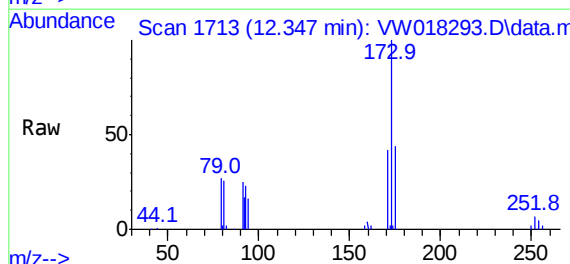
Instrument :
MSVOA_W
ClientSampleId :
VSTD02537

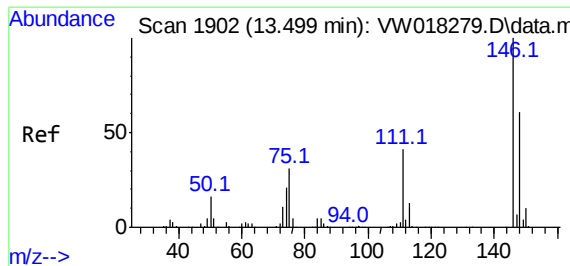
Tgt Ion: 75 Resp: 46787
Ion Ratio Lower Upper
75 100
77 31.5 25.6 38.4



#62
Bromoform
Concen: 23.48 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.000 min
Lab File: VW018293.D
Acq: 11 Mar 2021 08:58

Tgt Ion: 173 Resp: 34761
Ion Ratio Lower Upper
173 100
175 48.5 38.2 57.2
254 8.0 6.0 9.0

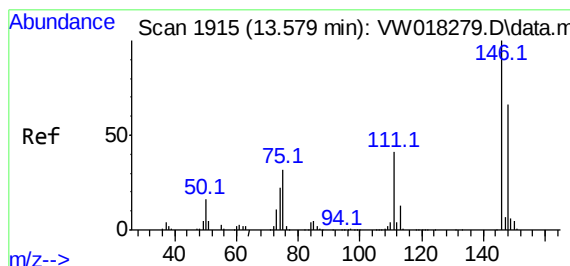
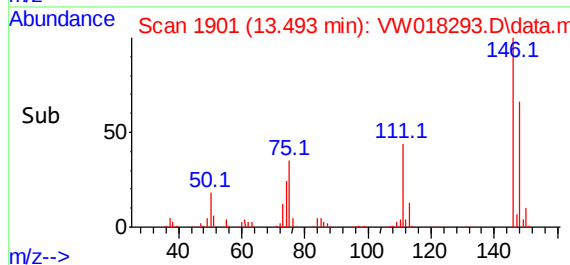
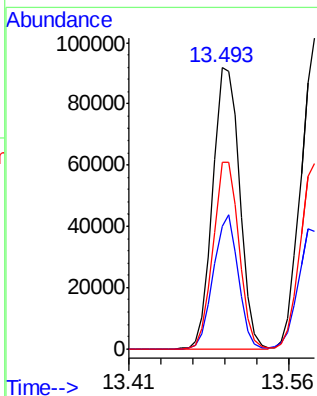
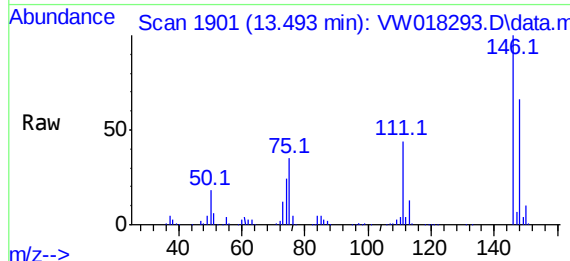




#63
 1,3-Dichlorobenzene
 Concen: 23.54 ug/L
 RT: 13.493 min Scan# 1901
 Delta R.T. -0.006 min
 Lab File: VW018293.D
 Acq: 11 Mar 2021 08:58

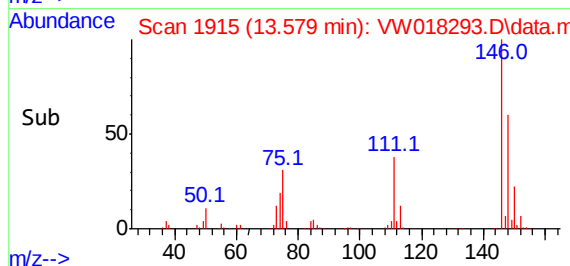
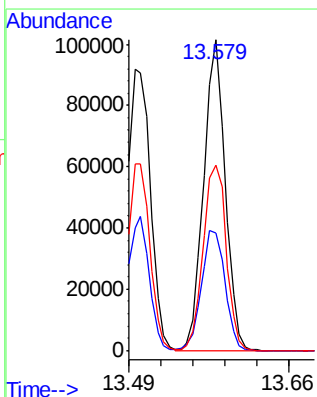
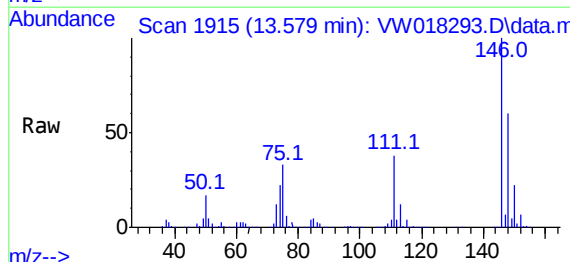
Instrument :
 MSVOA_W
 ClientSampled :
 VSTD02537

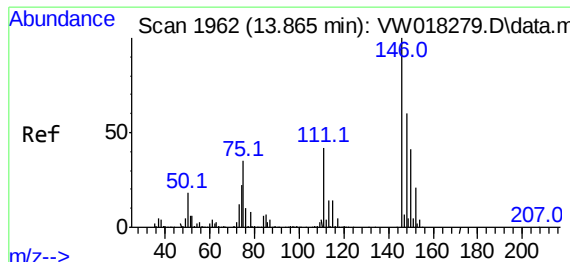
Tgt Ion:146 Resp: 157378
 Ion Ratio Lower Upper
 146 100
 111 43.7 27.5 51.1
 148 66.2 43.0 80.0



#64
 1,4-Dichlorobenzene
 Concen: 23.74 ug/L
 RT: 13.579 min Scan# 1915
 Delta R.T. -0.000 min
 Lab File: VW018293.D
 Acq: 11 Mar 2021 08:58

Tgt Ion:146 Resp: 157007
 Ion Ratio Lower Upper
 146 100
 111 37.8 28.3 52.5
 148 59.6 47.3 87.9

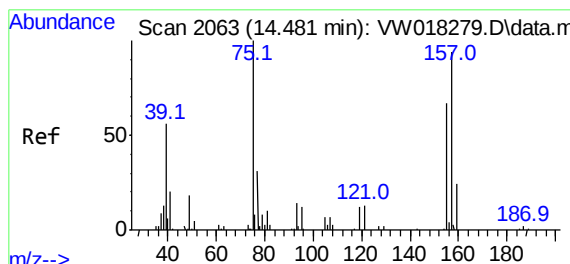
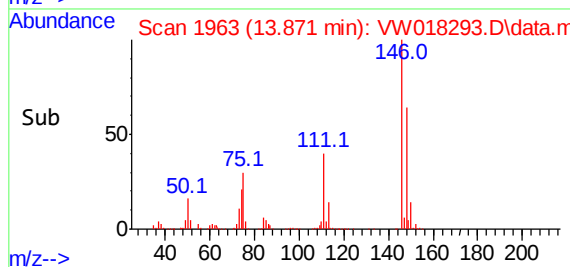
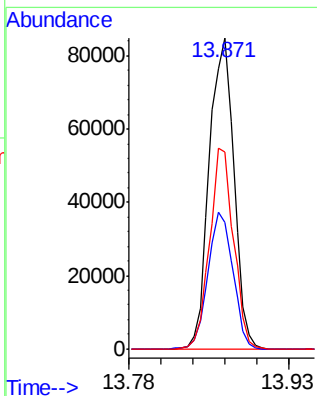
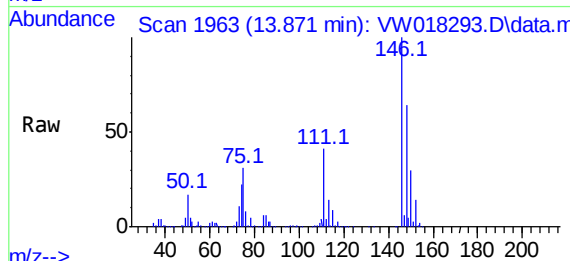




#65
1,2-Dichlorobenzene
Concen: 23.62 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. 0.006 min
Lab File: VW018293.D
Acq: 11 Mar 2021 08:58

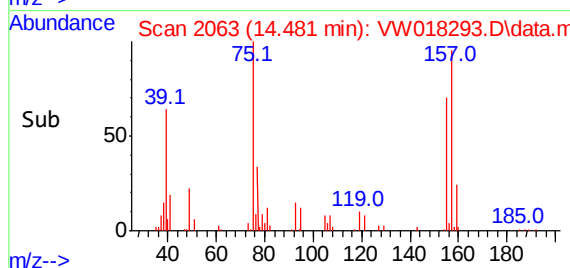
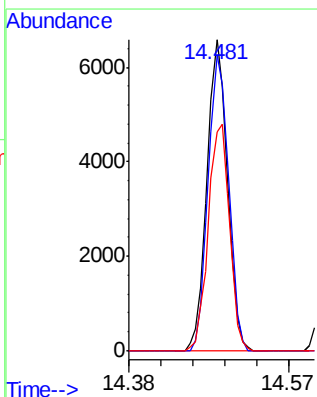
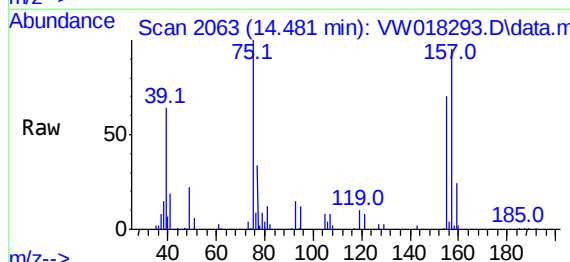
Instrument :
MSVOA_W
ClientSampleId :
VSTD02537

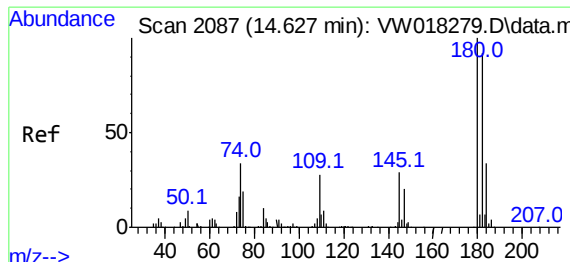
Tgt Ion:146 Resp: 142047
Ion Ratio Lower Upper
146 100
111 40.8 36.0 54.0
148 63.5 50.2 75.4



#66
1,2-Dibromo-3-chloropropane
Concen: 22.63 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW018293.D
Acq: 11 Mar 2021 08:58

Tgt Ion: 75 Resp: 10624
Ion Ratio Lower Upper
75 100
157 95.0 65.2 97.8
155 70.4 60.1 90.1

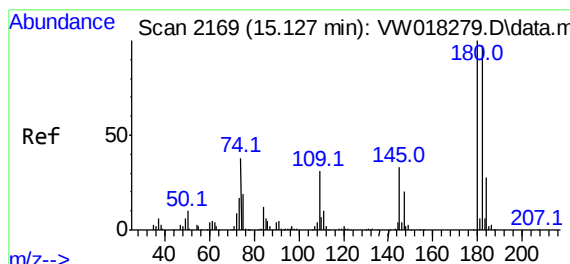
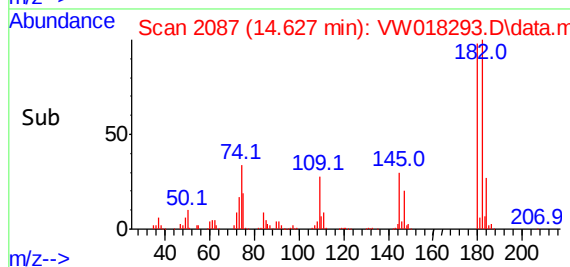
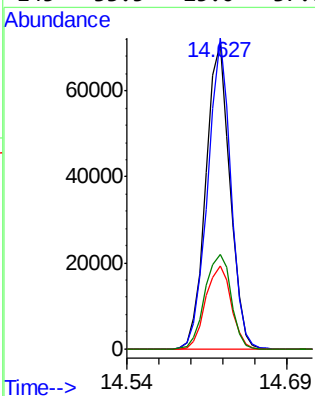
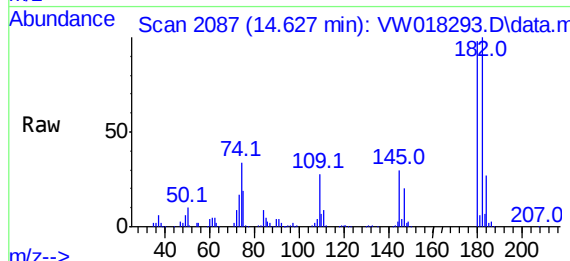




#67
1,3,5-Trichlorobenzene
Concen: 22.22 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VW018293.D
Acq: 11 Mar 2021 08:58

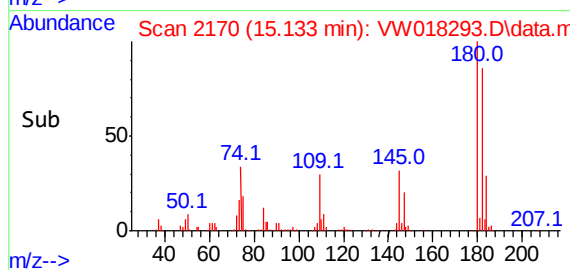
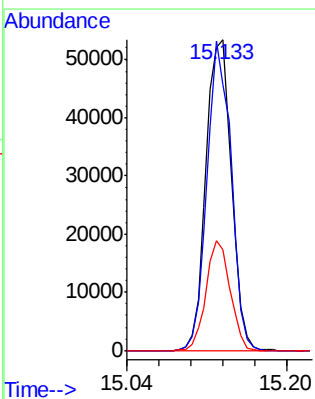
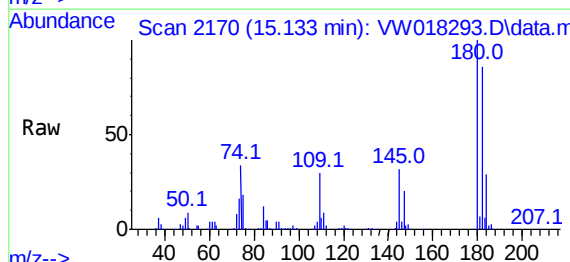
Instrument :
MSVOA_W
ClientSampleId :
VSTD02537

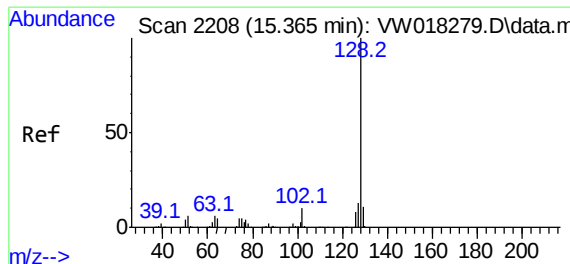
Tgt Ion:180 Resp: 108418
Ion Ratio Lower Upper
180 100
182 96.8 71.8 107.8
184 28.8 23.5 35.3
145 33.5 25.0 37.6



#68
1,2,4-trichlorobenzene
Concen: 23.07 ug/L
RT: 15.133 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VW018293.D
Acq: 11 Mar 2021 08:58

Tgt Ion:180 Resp: 92351
Ion Ratio Lower Upper
180 100
182 93.8 70.2 105.4
145 33.2 24.9 37.3

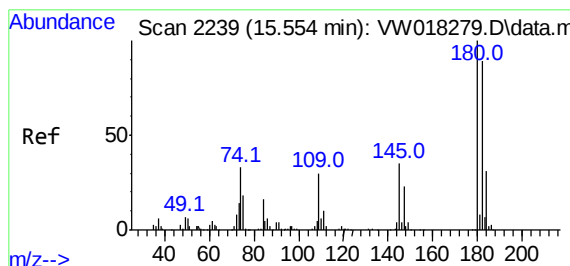
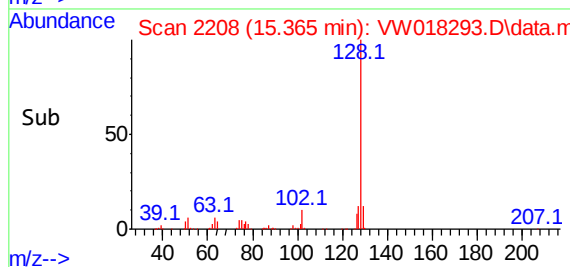
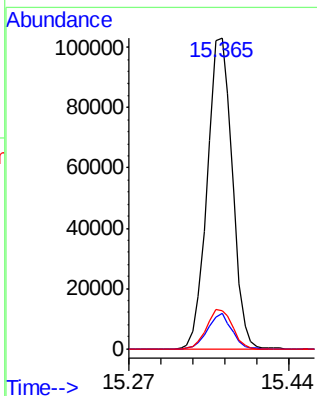
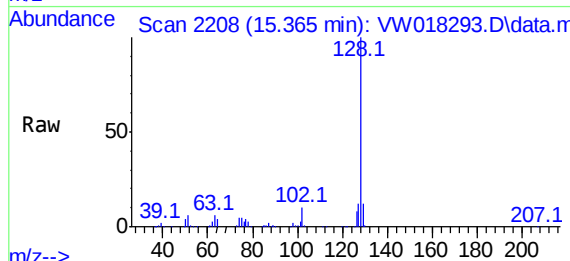




#69
Naphthalene
Concen: 23.51 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW018293.D
Acq: 11 Mar 2021 08:58

Instrument :
MSVOA_W
ClientSampleId :
VSTD02537

Tgt Ion:128 Resp: 185242
Ion Ratio Lower Upper
128 100
129 10.7 9.1 13.7
127 13.0 10.7 16.1



#70
1,2,3-Trichlorobenzene
Concen: 23.60 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. -0.000 min
Lab File: VW018293.D
Acq: 11 Mar 2021 08:58

Tgt Ion:180 Resp: 82235
Ion Ratio Lower Upper
180 100
182 89.5 76.5 114.7
145 35.3 27.7 41.5

