

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031021\
 Data File : VW018291.D
 Acq On : 10 Mar 2021 16:43
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02536

Quant Time: Mar 11 02:05:04 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	256332	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	230109	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	112795	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	65650	23.65	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	94.60%		
7) Chloroethane-d5	2.891	69	53440	23.71	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	94.84%		
10) 1,1-Dichloroethene-d2	4.025	63	155469	24.10	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	96.40%		
20) 2-Butanone-d5	7.074	46	28296	42.88	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	85.76%		
24) Chloroform-d	7.647	84	165453	23.83	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	95.32%		
26) 1,2-Dichloroethane-d4	8.305	65	85889	22.47	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	89.88%		
29) Benzene-d6	8.275	84	293127	23.93	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	95.72%		
33) 1,2-Dichloropropane-d6	9.274	67	78566	23.15	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	92.60%		
37) Toluene-d8	10.323	98	284653	24.08	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	96.32%		
38) trans-1,3-Dichloroprop...	10.579	79	38040	22.61	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	90.44%		
39) 2-Hexanone-d5	10.921	63	24235	42.92	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	85.84%		
48) 1,1,2,2-Tetrachloroeth...	12.688	84	62866	21.66	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	86.64%		
61) 1,2-Dichlorobenzene-d4	13.853	152	86959	21.21	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	84.84%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.014	85	83864	23.58	ug/L	98
3) Chloromethane	2.215	50	54777	23.49	ug/L	99
5) Vinyl chloride	2.367	62	91993	25.68	ug/L	96
6) Bromomethane	2.782	94	63578	23.87	ug/L	100
8) Chloroethane	2.928	64	52286	25.44	ug/L	95
9) Trichlorofluoromethane	3.263	101	75135	24.88	ug/L	100
12) 1,1-Dichloroethene	4.050	96	88812	26.36	ug/L	84
13) Acetone	4.117	43	22195	43.03	ug/L	98
14) Carbon disulfide	4.385	76	252607	25.75	ug/L	100
15) Methyl Acetate	4.672	43	24700	22.15	ug/L	99
16) Methylene chloride	4.915	84	89697	22.92	ug/L	98
17) Methyl tert-butyl Ether	5.421	73	87907	22.75	ug/L #	90
18) trans-1,2-Dichloroethene	5.428	96	91202	25.48	ug/L	96
19) 1,1-Dichloroethane	6.214	63	148550	25.32	ug/L	98
21) 2-Butanone	7.171	43	32323	45.24	ug/L	98
22) cis-1,2-Dichloroethene	7.165	96	93204	24.88	ug/L	98
23) Bromochloromethane	7.513	128	40598	24.09	ug/L	98
25) Chloroform	7.671	83	170353	25.34	ug/L	98
27) 1,2-Dichloroethane	8.397	62	106764	23.95	ug/L	100
30) Cyclohexane	7.952	56	130604	26.31	ug/L	99

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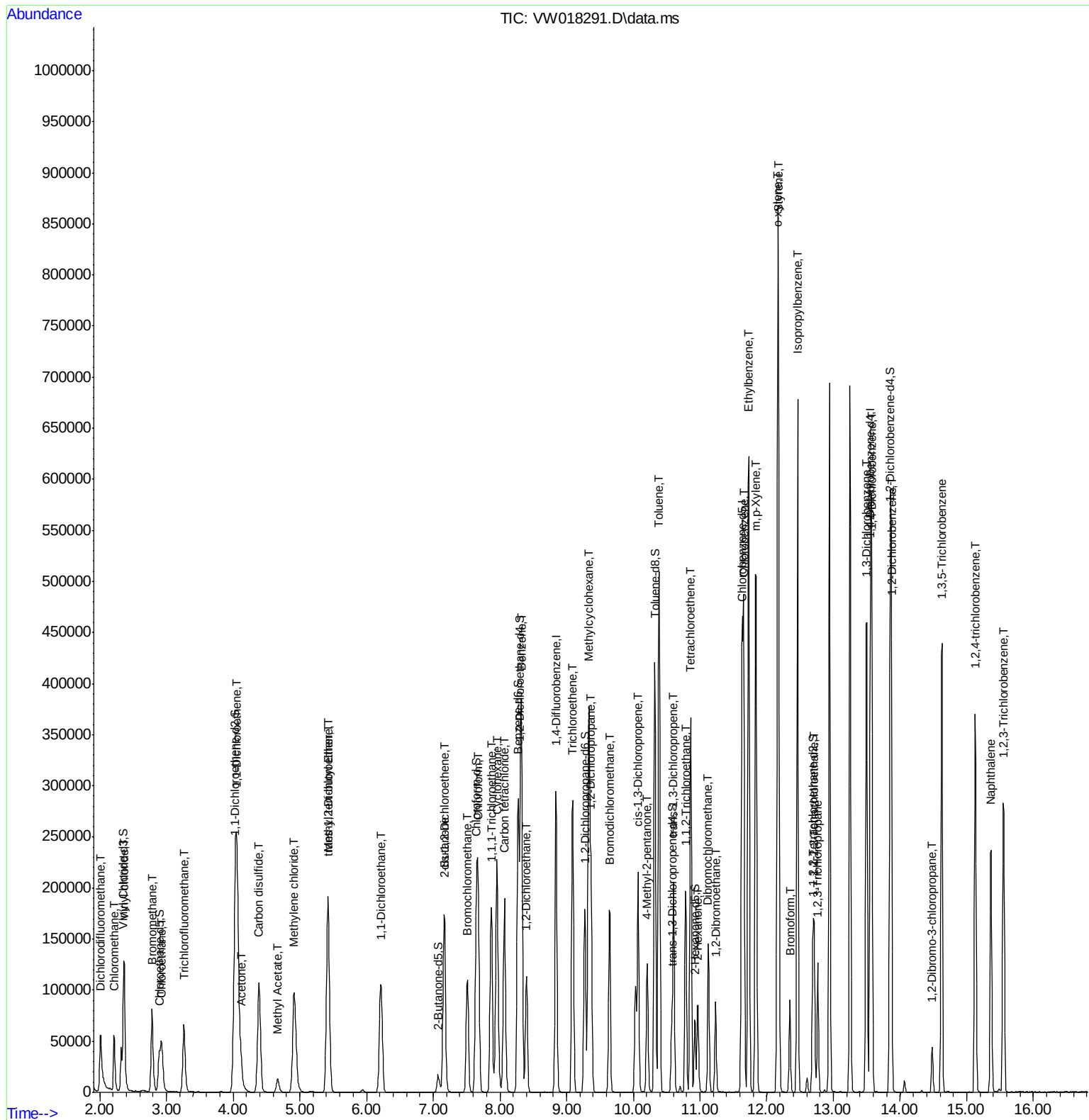
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
31) 1,1,1-Trichloroethane	7.872	97	147307	25.93	ug/L	99
32) Carbon tetrachloride	8.067	117	144150	26.36	ug/L	99
34) Benzene	8.323	78	340803	25.74	ug/L	100
35) Trichloroethene	9.092	95	97815	25.20	ug/L	97
36) Methylcyclohexane	9.335	83	164473	26.35	ug/L	98
40) 1,2-Dichloropropane	9.366	63	77188	25.10	ug/L	100
41) Bromodichloromethane	9.640	83	119326	24.96	ug/L	98
42) cis-1,3-Dichloropropene	10.073	75	128072	24.85	ug/L	99
43) 4-Methyl-2-pentanone	10.207	43	71591	44.85	ug/L	98
44) Toluene	10.384	91	387112	26.10	ug/L	93
45) trans-1,3-Dichloropropene	10.603	75	113490	24.65	ug/L	97
46) 1,1,2-Trichloroethane	10.786	97	60449	23.92	ug/L	99
47) Tetrachloroethene	10.860	164	75397	25.95	ug/L	92
49) 2-Hexanone	10.963	43	51747	47.02	ug/L	99
50) Dibromochloromethane	11.122	129	75275	24.23	ug/L	80
51) 1,2-Dibromoethane	11.231	107	58986	23.70	ug/L #	94
52) Chlorobenzene	11.658	112	237769	24.73	ug/L	99
53) Ethylbenzene	11.731	91	441091	25.87	ug/L	96
54) m,p-Xylene	11.841	106	165237	25.58	ug/L	96
55) o-xylene	12.164	106	158281	26.20	ug/L	95
56) Styrene	12.176	104	267207	25.85	ug/L	99
57) Isopropylbenzene	12.463	105	436981	25.50	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.713	83	67610	23.20	ug/L	93
59) 1,2,3-Trichloropropane	12.768	75	49635	22.48	ug/L	97
62) Bromoform	12.347	173	39154	23.60	ug/L #	98
63) 1,3-Dichlorobenzene	13.499	146	185013	24.70	ug/L	93
64) 1,4-Dichlorobenzene	13.579	146	190806	25.74	ug/L	89
65) 1,2-Dichlorobenzene	13.871	146	162065	24.04	ug/L	99
66) 1,2-Dibromo-3-chloropr...	14.481	75	11730	22.29	ug/L	87
67) 1,3,5-Trichlorobenzene	14.627	180	126590	23.15	ug/L	95
68) 1,2,4-trichlorobenzene	15.127	180	105645	23.54	ug/L	92
69) Naphthalene	15.365	128	201611	22.83	ug/L	99
70) 1,2,3-Trichlorobenzene	15.548	180	88787	22.74	ug/L	98

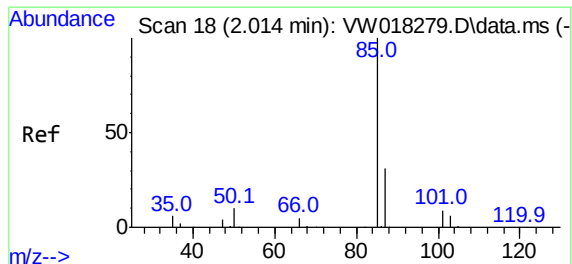
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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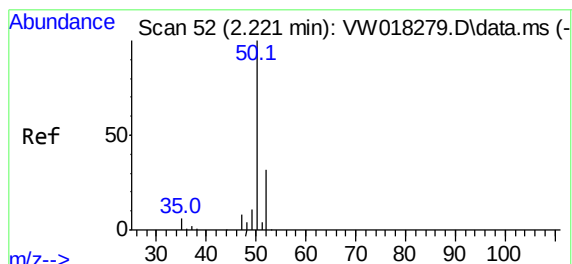
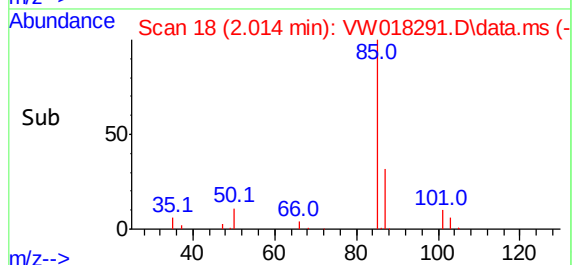
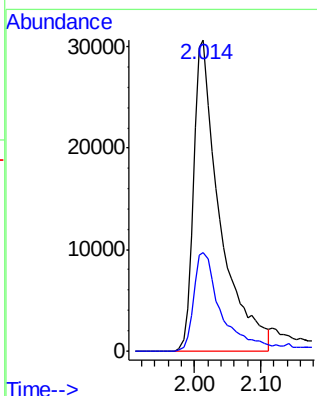
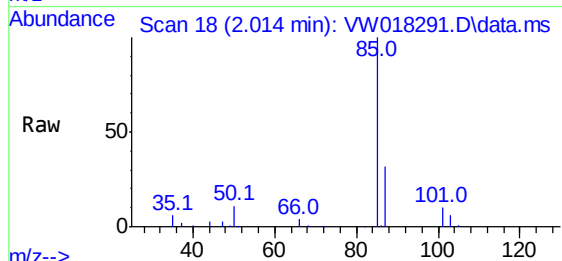




#2
Dichlorodifluoromethane
Concen: 23.58 ug/L
RT: 2.014 min Scan# 18
Delta R.T. -0.000 min
Lab File: VW018291.D
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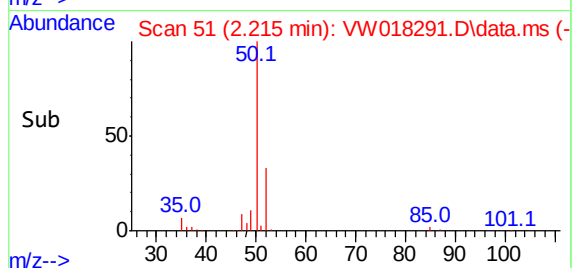
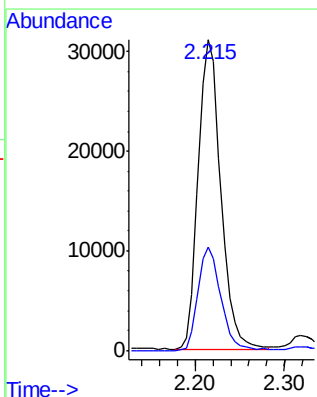
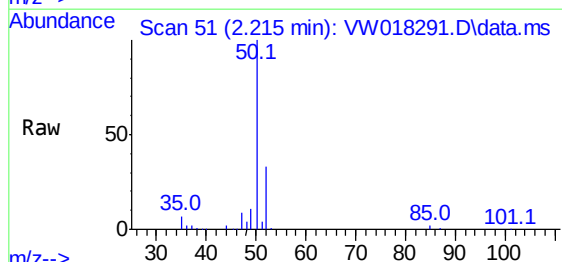
Instrument :
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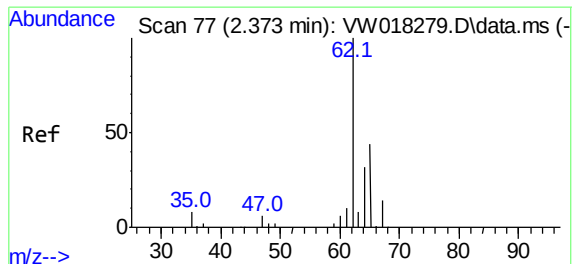
Tgt Ion: 85 Resp: 83864
Ion Ratio Lower Upper
85 100
87 32.7 22.2 41.2



#3
Chloromethane
Concen: 23.49 ug/L
RT: 2.215 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW018291.D
Acq: 10 Mar 2021 16:43

Tgt Ion: 50 Resp: 54777
Ion Ratio Lower Upper
50 100
52 33.1 23.7 43.9

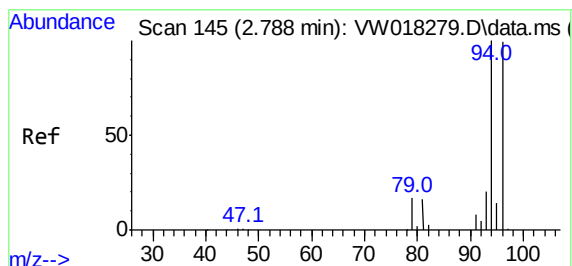
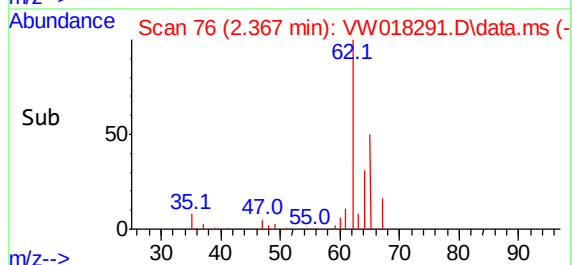
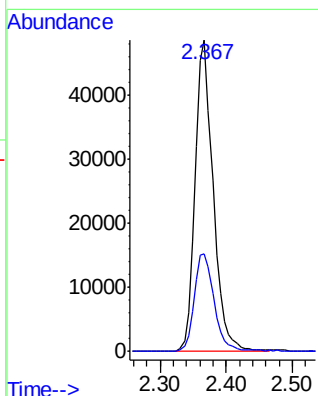
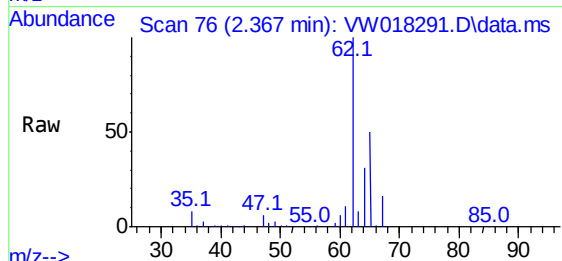




#5
Vinyl chloride
Concen: 25.68 ug/L
RT: 2.367 min Scan# 76
Delta R.T. -0.006 min
Lab File: VW018291.D
Acq: 10 Mar 2021 16:43

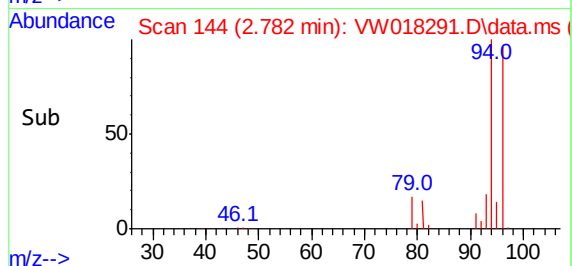
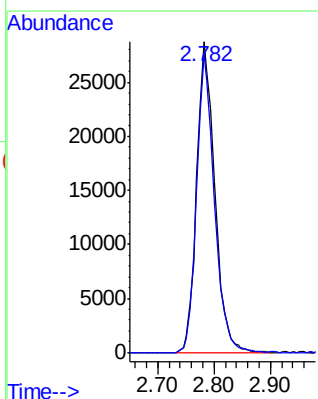
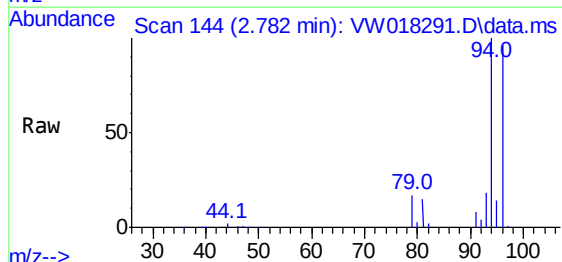
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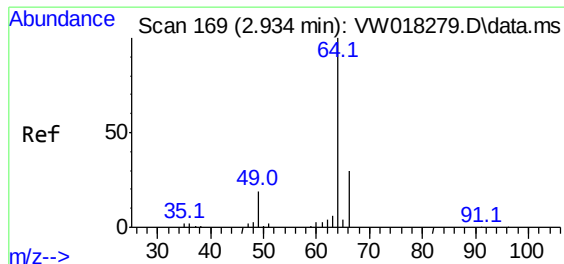
Tgt Ion: 62 Resp: 91993
Ion Ratio Lower Upper
62 100
64 31.3 23.5 43.7



#6
Bromomethane
Concen: 23.87 ug/L
RT: 2.782 min Scan# 144
Delta R.T. -0.006 min
Lab File: VW018291.D
Acq: 10 Mar 2021 16:43

Tgt Ion: 94 Resp: 63578
Ion Ratio Lower Upper
94 100
96 94.5 9.4 179.4

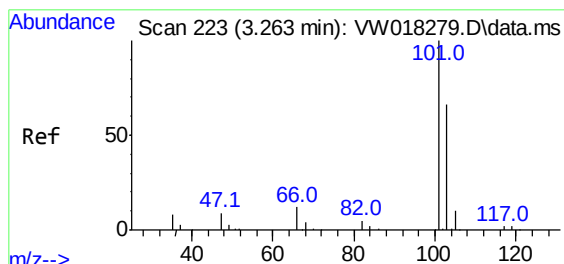
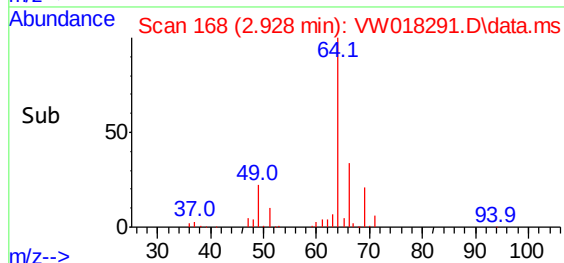
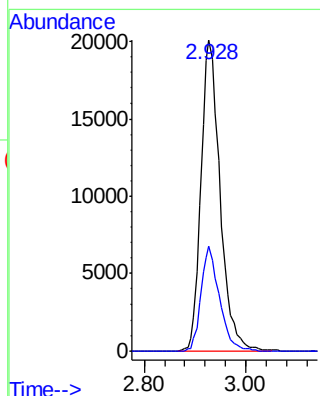
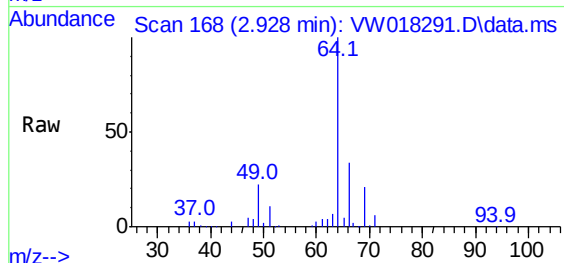




#8
Chloroethane
Concen: 25.44 ug/L
RT: 2.928 min Scan# 168
Delta R.T. -0.006 min
Lab File: VW018291.D
Acq: 10 Mar 2021 16:43

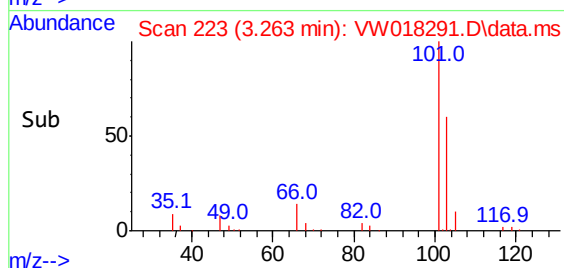
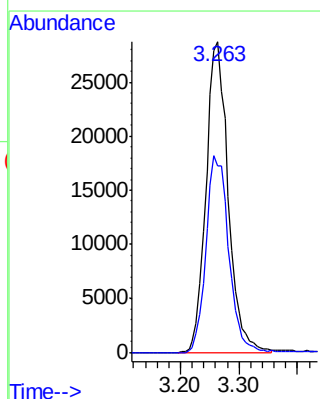
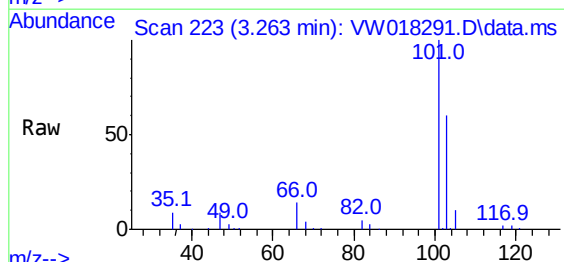
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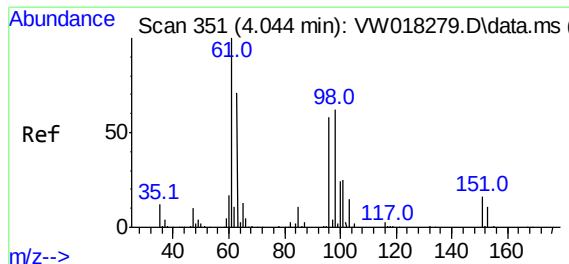
Tgt Ion: 64 Resp: 52286
Ion Ratio Lower Upper
64 100
66 33.7 21.6 40.0



#9
Trichlorofluoromethane
Concen: 24.88 ug/L
RT: 3.263 min Scan# 223
Delta R.T. -0.000 min
Lab File: VW018291.D
Acq: 10 Mar 2021 16:43

Tgt Ion: 101 Resp: 75135
Ion Ratio Lower Upper
101 100
103 64.8 45.6 84.8

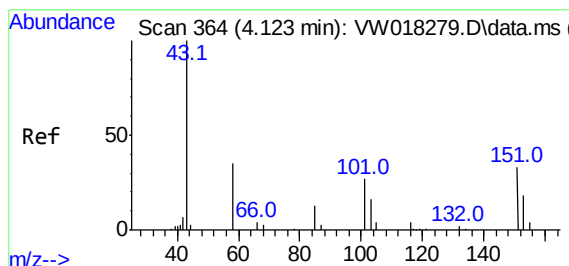
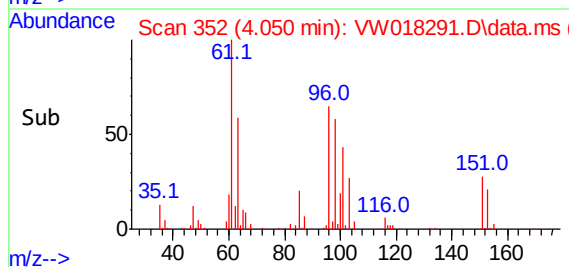
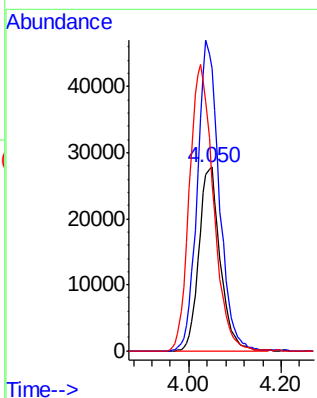
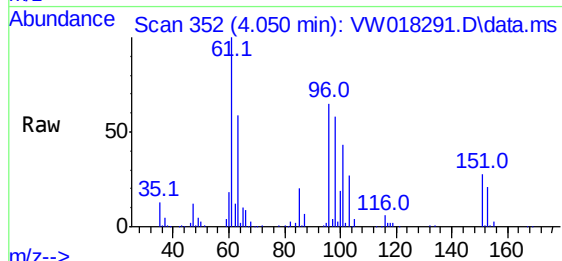




#12
1,1-Dichloroethene
Concen: 26.36 ug/L
RT: 4.050 min Scan# 352
Delta R.T. 0.006 min
Lab File: VW018291.D
Acq: 10 Mar 2021 16:43

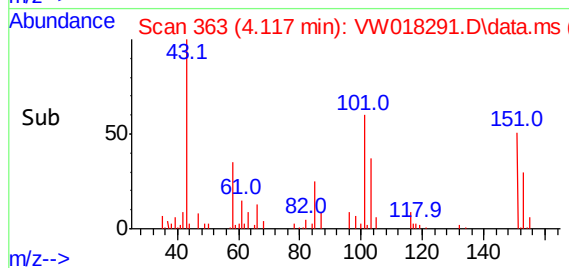
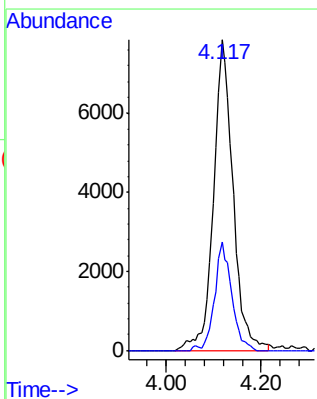
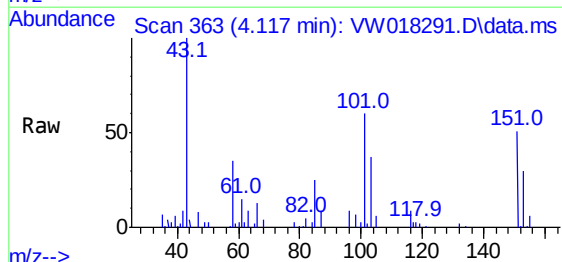
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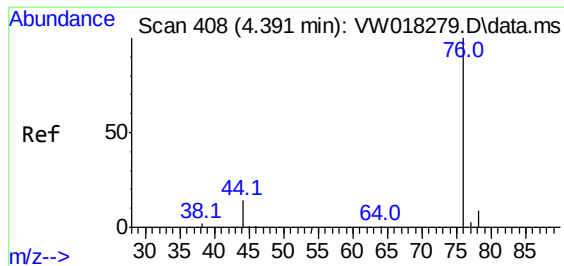
Tgt Ion: 96 Resp: 88812
Ion Ratio Lower Upper
96 100
61 154.2 118.6 220.2
63 91.2 82.4 153.0



#13
Acetone
Concen: 43.03 ug/L
RT: 4.117 min Scan# 363
Delta R.T. -0.006 min
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Tgt Ion: 43 Resp: 22195
Ion Ratio Lower Upper
43 100
58 30.0 0.0 62.2

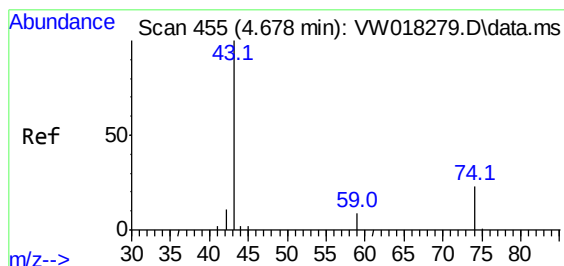
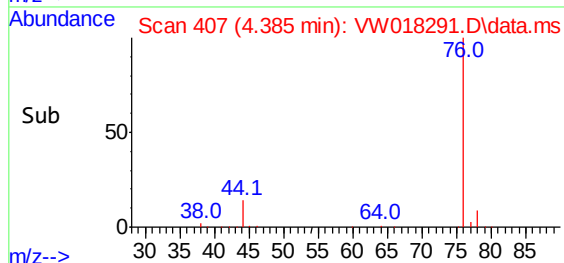
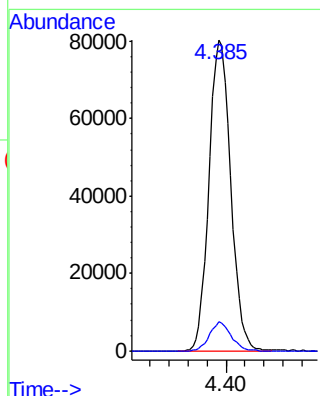
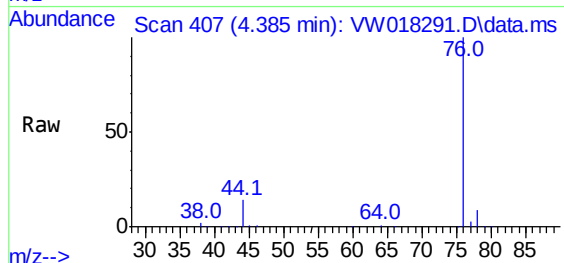




#14
Carbon disulfide
Concen: 25.75 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.006 min
Lab File: VW018291.D
Acq: 10 Mar 2021 16:43

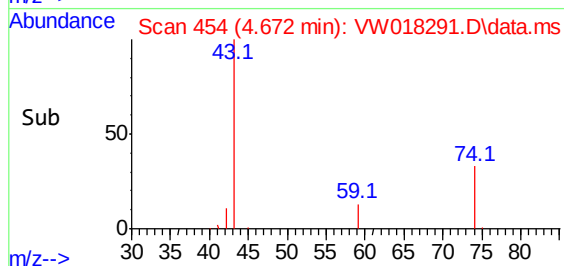
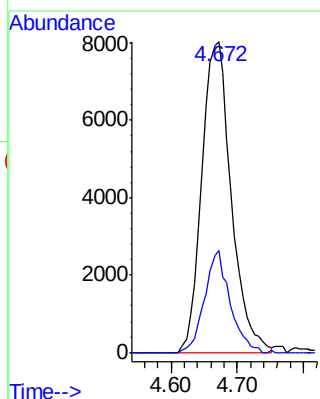
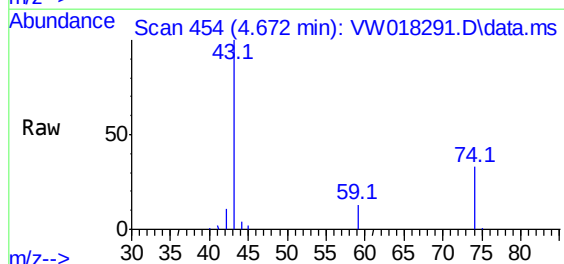
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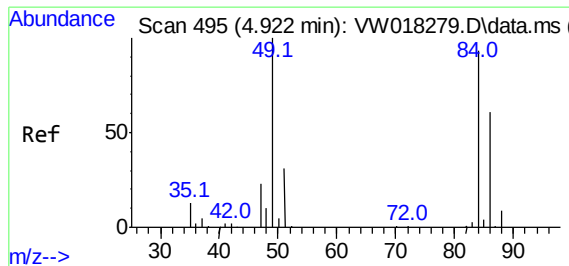
Tgt Ion: 76 Resp: 252607
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.2



#15
Methyl Acetate
Concen: 22.15 ug/L
RT: 4.672 min Scan# 454
Delta R.T. -0.006 min
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Tgt Ion: 43 Resp: 24700
Ion Ratio Lower Upper
43 100
74 28.1 22.9 34.3



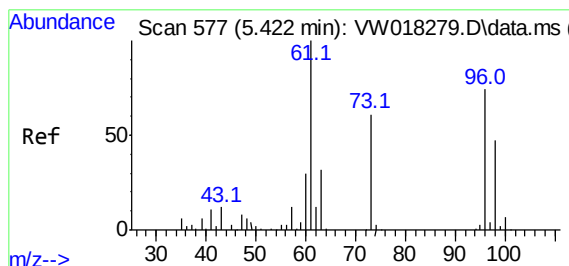
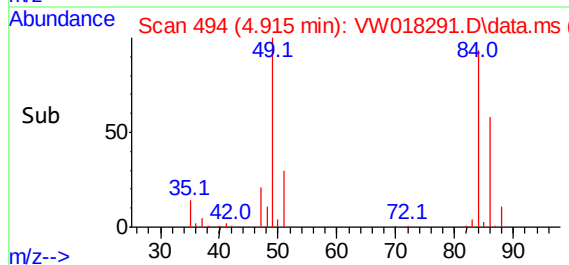
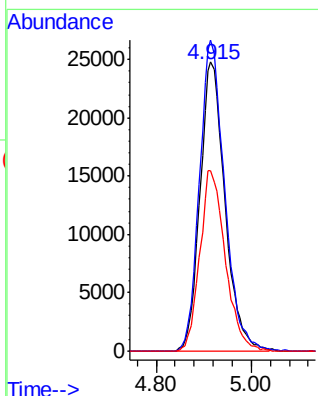
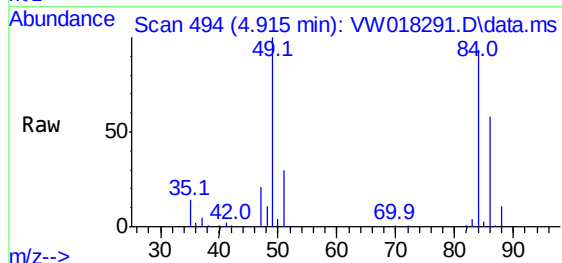


#16
Methylene chloride
Concen: 22.92 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW018291.D
Acq: 10 Mar 2021 16:43

Instrument :
MSVOA_W
ClientSampled :
VSTD02536

Tgt Ion: 84 Resp: 89697

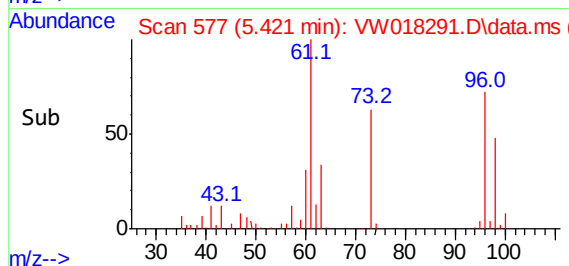
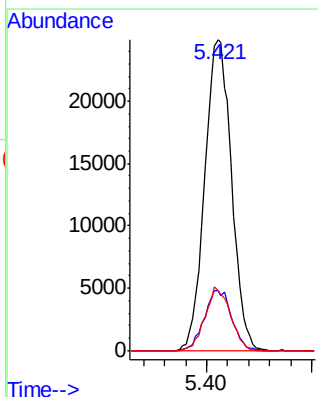
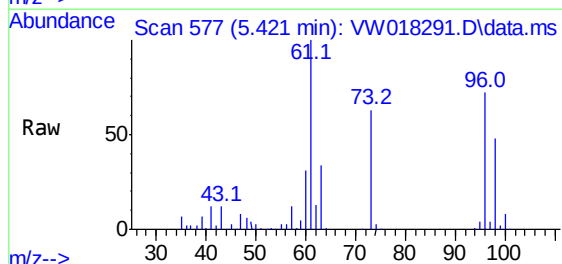
Ion	Ratio	Lower	Upper
84	100		
49	107.5	74.4	138.2
86	62.4	46.1	85.7

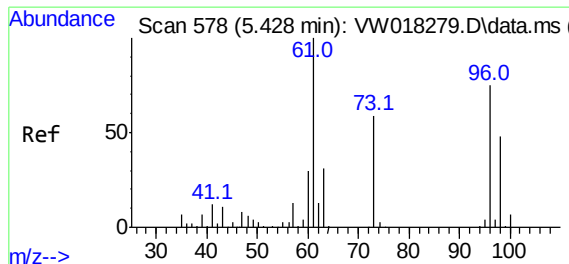


#17
Methyl tert-butyl Ether
Concen: 22.75 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.000 min
Lab File: VW018291.D
Acq: 10 Mar 2021 16:43

Tgt Ion: 73 Resp: 87907

Ion	Ratio	Lower	Upper
73	100		
43	12.6	16.6	24.8#
57	19.3	15.9	23.9

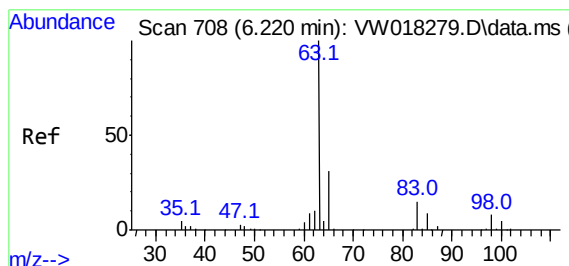
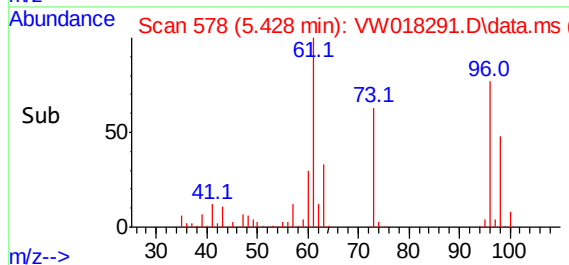
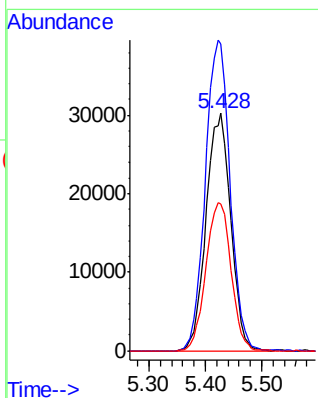
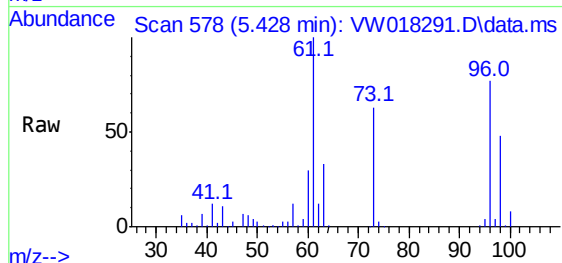




#18
trans-1,2-Dichloroethene
Concen: 25.48 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW018291.D
Acq: 10 Mar 2021 16:43

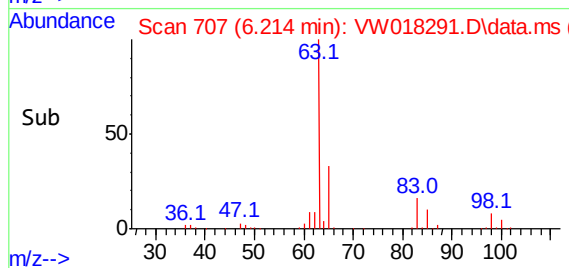
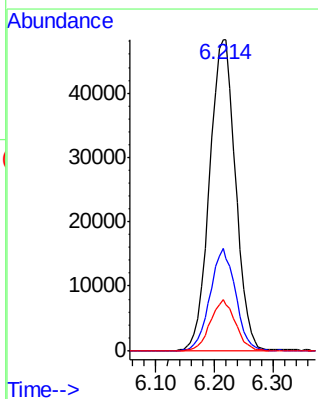
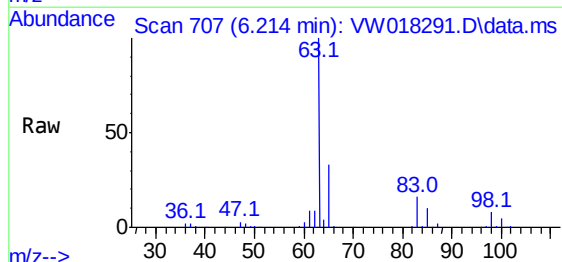
Instrument :
MSVOA_W
ClientSampleId :
VSTD02536

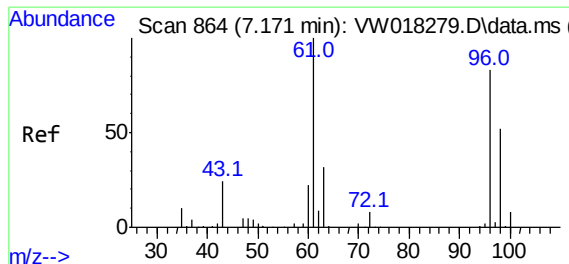
Tgt Ion: 96 Resp: 91202
Ion Ratio Lower Upper
96 100
61 129.1 93.3 173.3
98 61.7 45.2 84.0



#19
1,1-Dichloroethane
Concen: 25.32 ug/L
RT: 6.214 min Scan# 707
Delta R.T. -0.006 min
Lab File: VW018291.D
Acq: 10 Mar 2021 16:43

Tgt Ion: 63 Resp: 148550
Ion Ratio Lower Upper
63 100
65 32.7 23.5 43.7
83 16.5 10.3 19.1

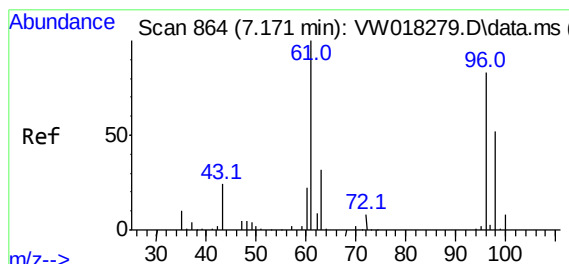
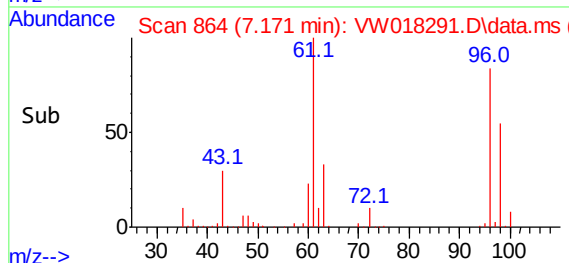
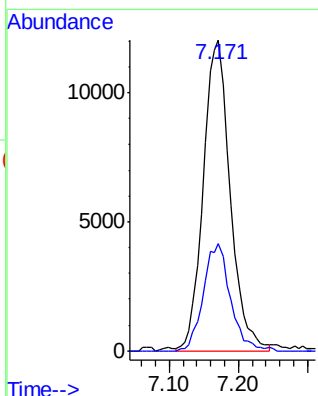
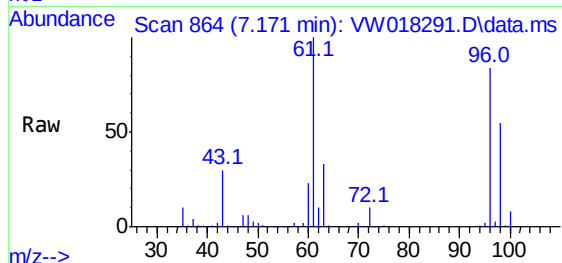




#21
2-Butanone
Concen: 45.24 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW018291.D
Acq: 10 Mar 2021 16:43

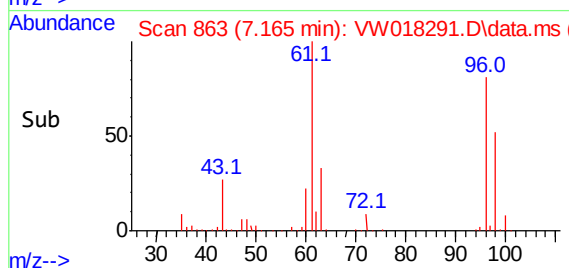
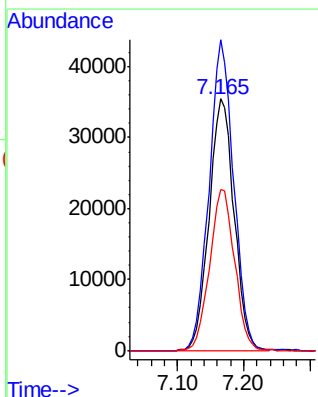
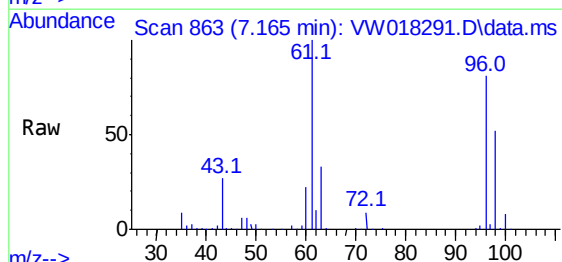
Instrument :
MSVOA_W
ClientSampleId :
VSTD02536

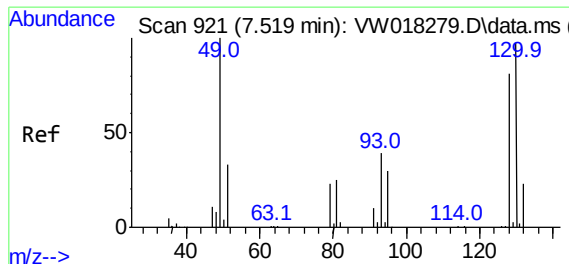
Tgt Ion: 43 Resp: 32323
Ion Ratio Lower Upper
43 100
72 34.3 16.5 49.5



#22
cis-1,2-Dichloroethene
Concen: 24.88 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.006 min
Lab File: VW018291.D
Acq: 10 Mar 2021 16:43

Tgt Ion: 96 Resp: 93204
Ion Ratio Lower Upper
96 100
61 123.5 84.8 157.6
98 63.8 45.1 83.9



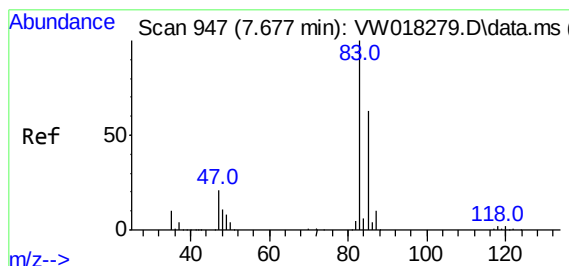
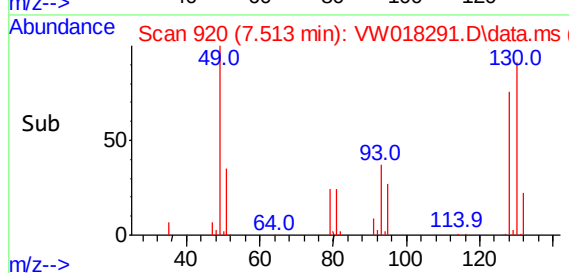
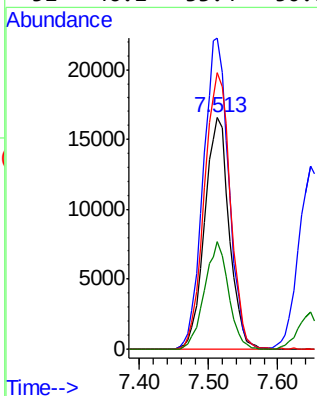
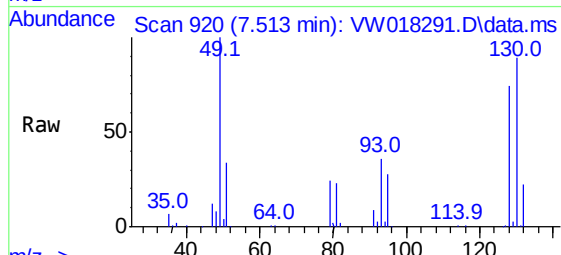


#23
Bromochloromethane
Concen: 24.09 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.006 min
Lab File: VW018291.D
Acq: 10 Mar 2021 16:43

Instrument :
MSVOA_W
ClientSampled :
VSTD02536

Tgt Ion:128 Resp: 40598

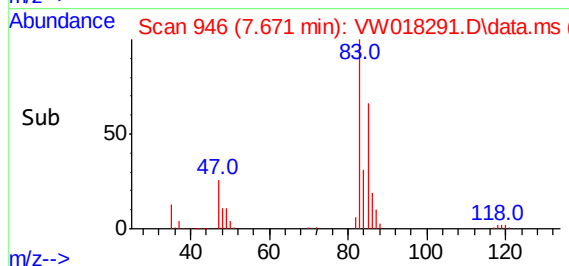
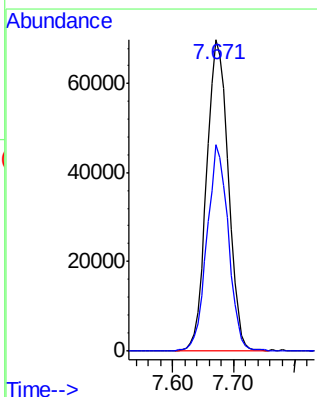
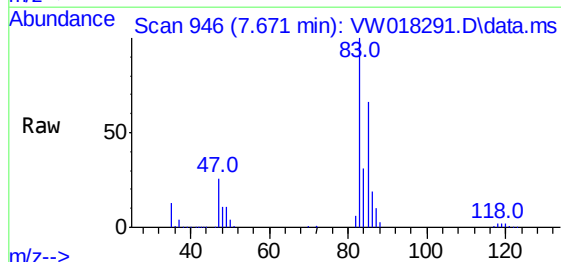
Ion	Ratio	Lower	Upper
128	100		
49	134.3	92.4	171.6
130	119.3	83.9	155.7
51	46.1	33.4	50.0

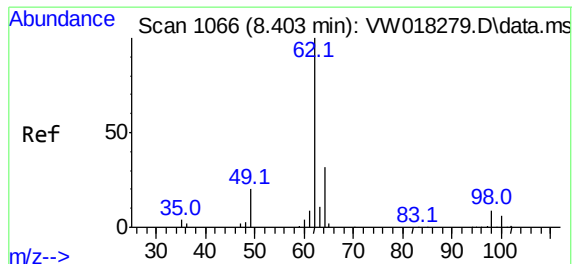


#25
Chloroform
Concen: 25.34 ug/L
RT: 7.671 min Scan# 946
Delta R.T. -0.006 min
Lab File: VW018291.D
Acq: 10 Mar 2021 16:43

Tgt Ion: 83 Resp: 170353

Ion	Ratio	Lower	Upper
83	100		
85	65.0	46.4	86.2

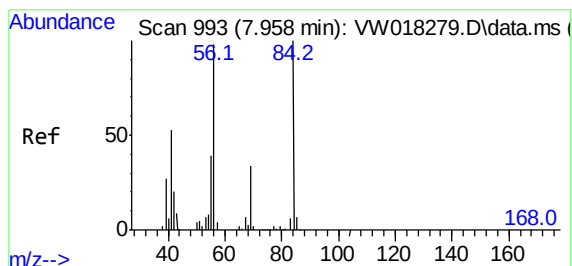
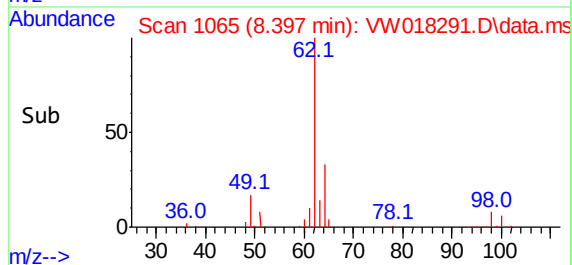
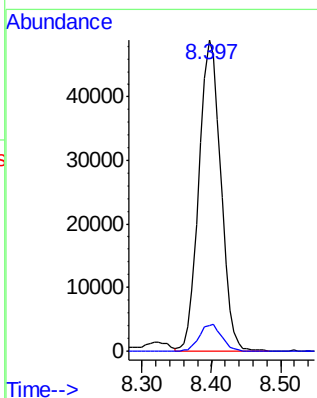
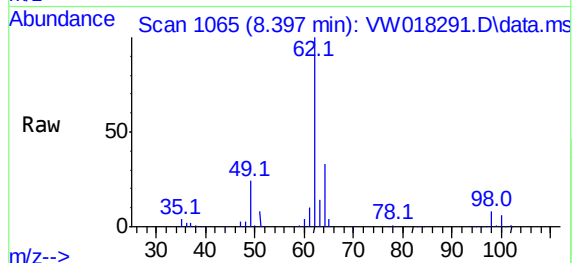




#27
1,2-Dichloroethane
Concen: 23.95 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VW018291.D
Acq: 10 Mar 2021 16:43

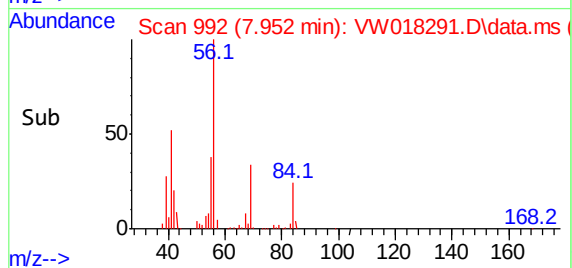
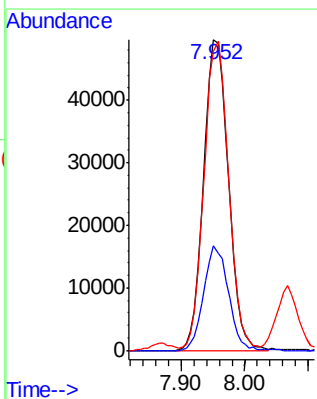
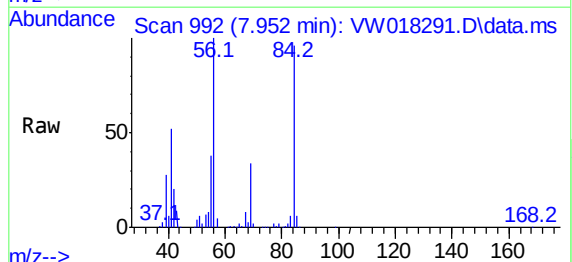
Instrument :
MSVOA_W
ClientSampleId :
VSTD02536

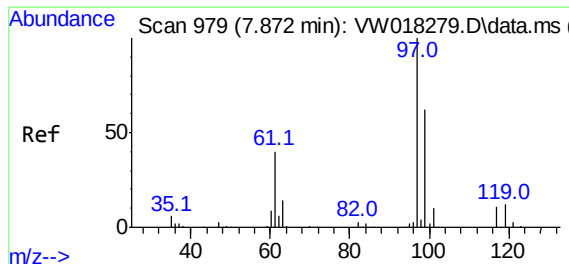
Tgt Ion: 62 Resp: 106764
Ion Ratio Lower Upper
62 100
98 8.1 6.4 9.6



#30
Cyclohexane
Concen: 26.31 ug/L
RT: 7.952 min Scan# 992
Delta R.T. -0.006 min
Lab File: VW018291.D
Acq: 10 Mar 2021 16:43

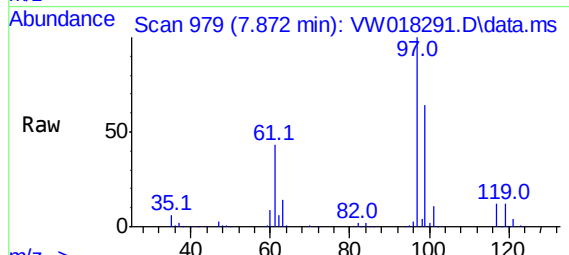
Tgt Ion: 56 Resp: 130604
Ion Ratio Lower Upper
56 100
69 33.1 27.0 40.6
84 98.9 79.9 119.9





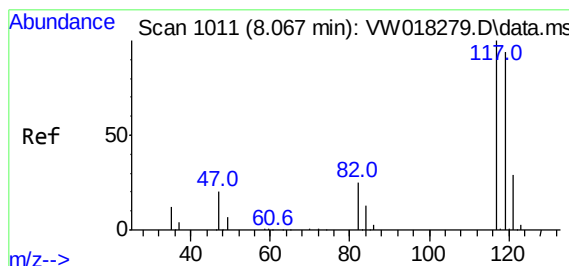
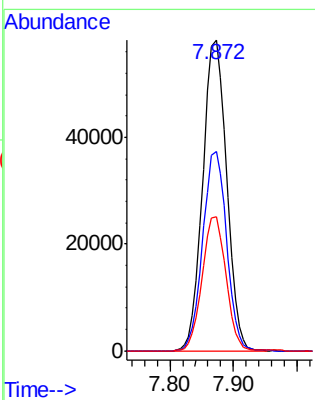
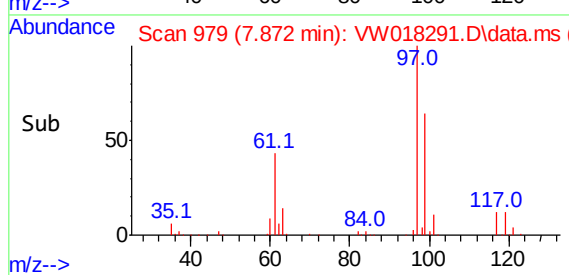
#31
 1,1,1-Trichloroethane
 Concen: 25.93 ug/L
 RT: 7.872 min Scan# 979
 Delta R.T. -0.000 min
 Lab File: VW018291.D
 Acq: 10 Mar 2021 16:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02536



Tgt Ion: 97 Resp: 147307

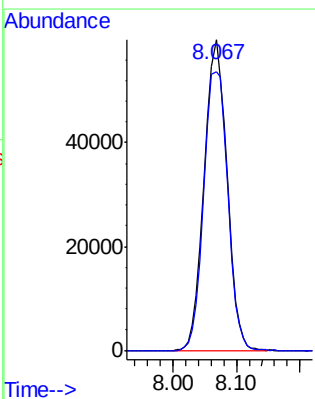
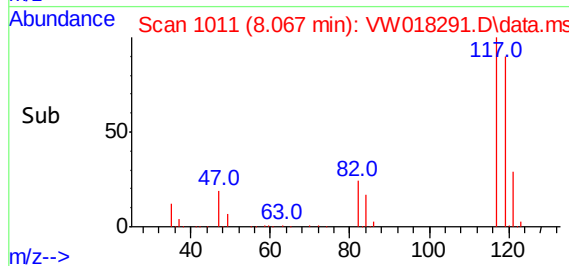
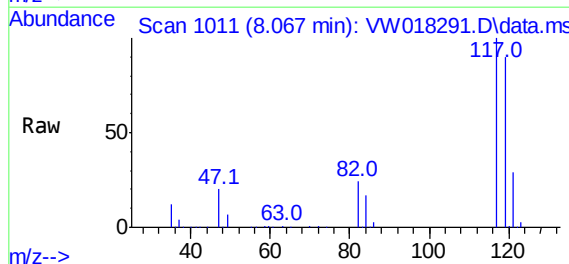
Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.7	77.5
61	42.9	34.8	52.2

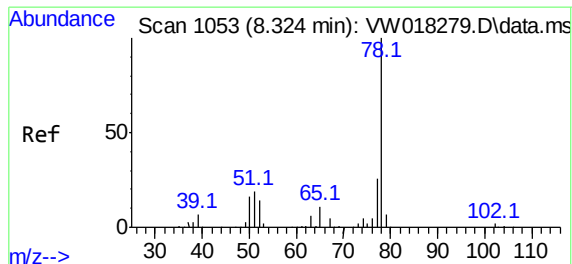


#32
 Carbon tetrachloride
 Concen: 26.36 ug/L
 RT: 8.067 min Scan# 1011
 Delta R.T. -0.000 min
 Lab File: VW018291.D
 Acq: 10 Mar 2021 16:43

Tgt Ion: 117 Resp: 144150

Ion	Ratio	Lower	Upper
117	100		
119	95.1	76.7	115.1

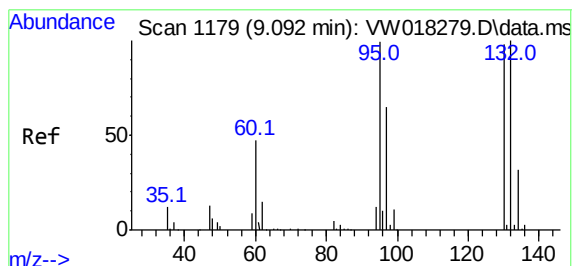
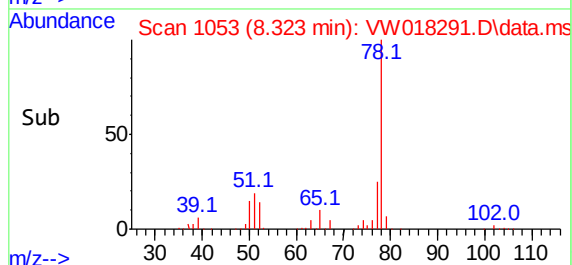
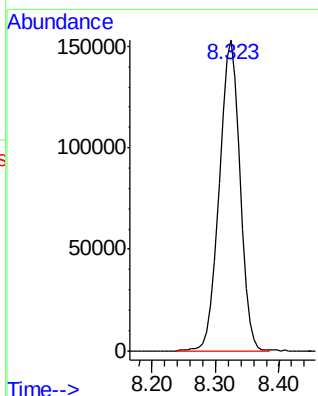
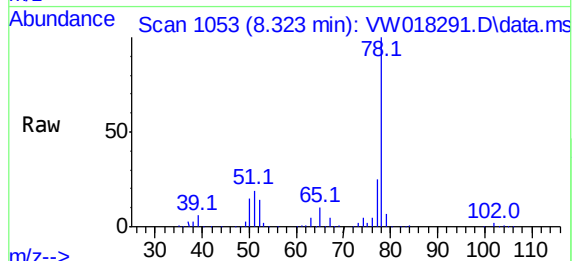




#34
Benzene
Concen: 25.74 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW018291.D
Acq: 10 Mar 2021 16:43

Instrument :
MSVOA_W
ClientSampleId :
VSTD02536

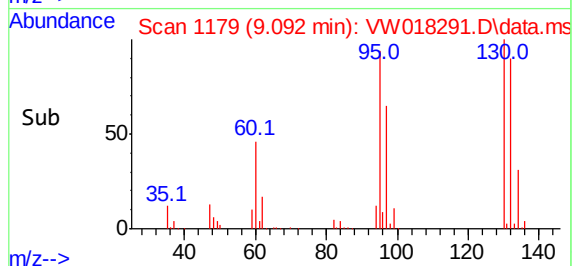
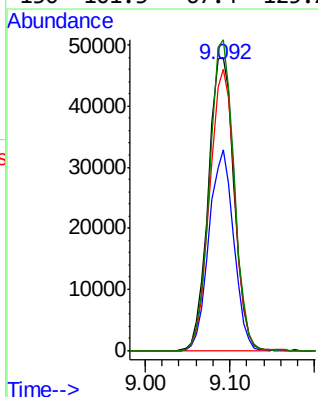
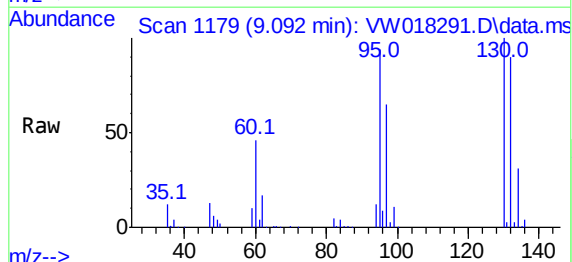
Tgt Ion: 78 Resp: 340803

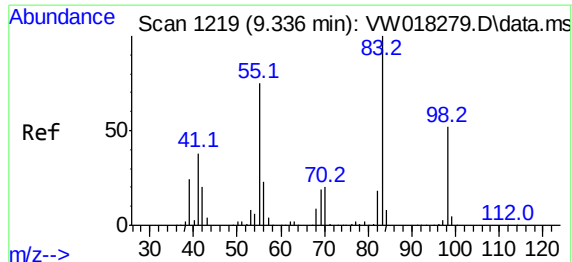


#35
Trichloroethene
Concen: 25.20 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW018291.D
Acq: 10 Mar 2021 16:43

Tgt Ion: 95 Resp: 97815

Ion	Ratio	Lower	Upper
95	100		
97	65.9	44.4	82.4
132	93.0	65.9	122.5
130	101.3	67.4	125.2

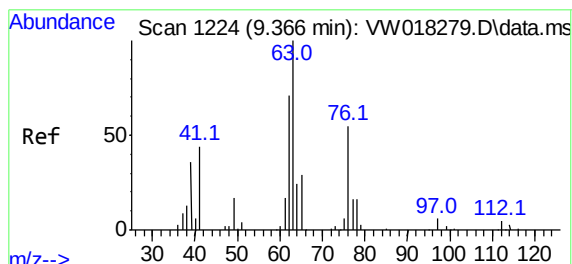
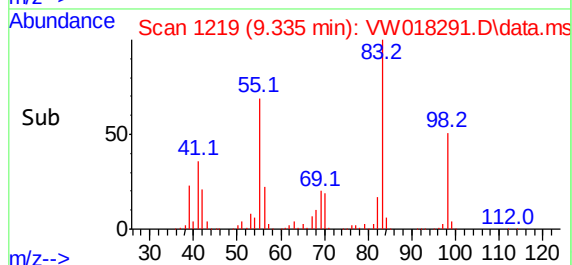
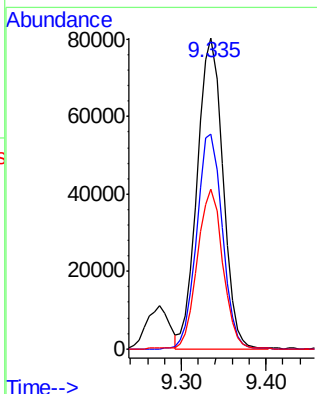
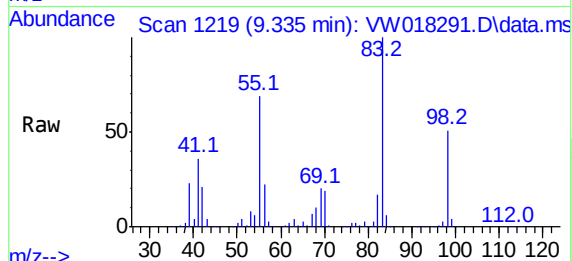




#36
Methylcyclohexane
Concen: 26.35 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW018291.D
Acq: 10 Mar 2021 16:43

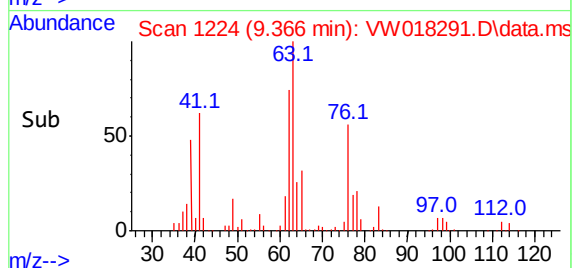
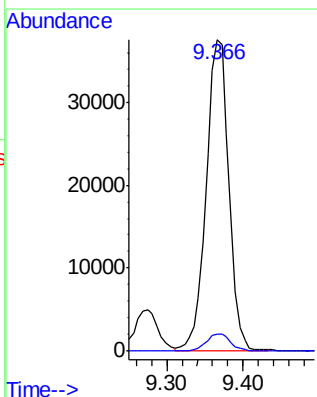
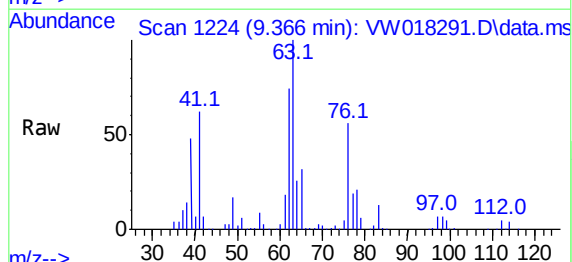
Instrument :
MSVOA_W
ClientSampleId :
VSTD02536

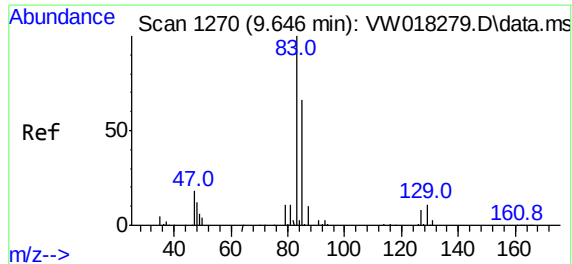
Tgt Ion: 83 Resp: 164473
Ion Ratio Lower Upper
83 100
55 68.6 56.8 85.2
98 50.6 40.6 61.0



#40
1,2-Dichloropropane
Concen: 25.10 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. -0.000 min
Lab File: VW018291.D
Acq: 10 Mar 2021 16:43

Tgt Ion: 63 Resp: 77188
Ion Ratio Lower Upper
63 100
112 5.3 4.2 6.4

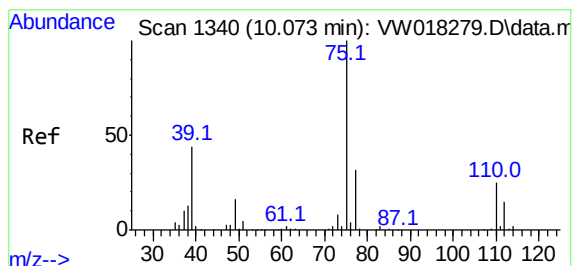
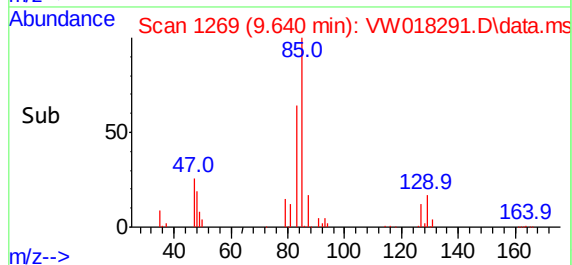
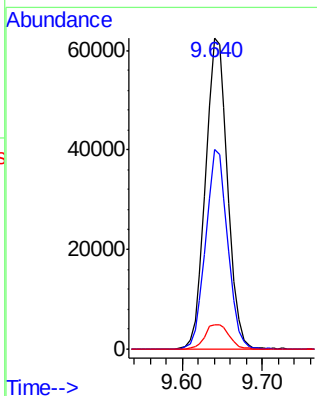
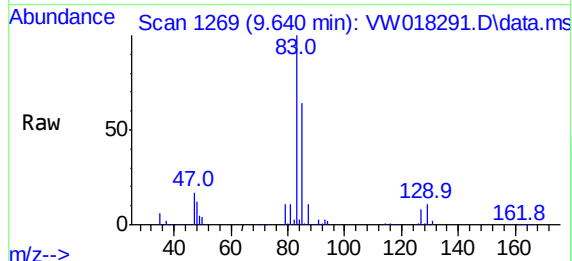




#41
Bromodichloromethane
Concen: 24.96 ug/L
RT: 9.640 min Scan# 1269
Delta R.T. -0.006 min
Lab File: VW018291.D
Acq: 10 Mar 2021 16:43

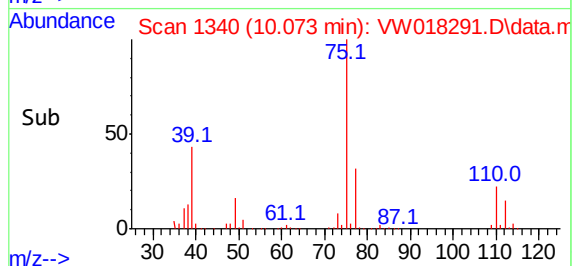
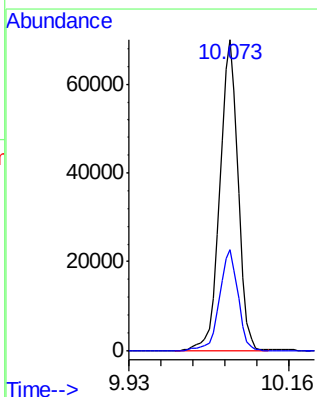
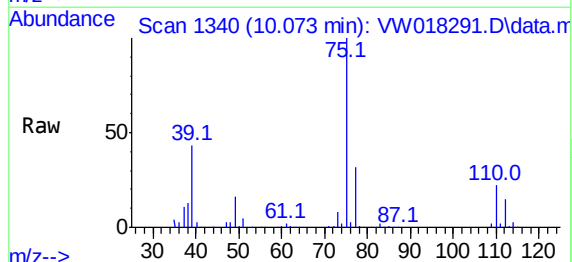
Instrument :
MSVOA_W
ClientSampleId :
VSTD02536

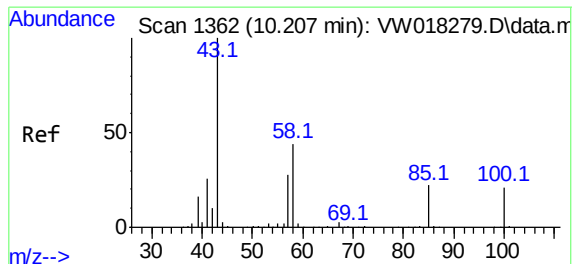
Tgt Ion: 83 Resp: 119326
Ion Ratio Lower Upper
83 100
85 64.0 43.8 81.4
127 7.8 6.9 10.3



#42
cis-1,3-Dichloropropene
Concen: 24.85 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW018291.D
Acq: 10 Mar 2021 16:43

Tgt Ion: 75 Resp: 128072
Ion Ratio Lower Upper
75 100
77 32.3 22.4 41.6

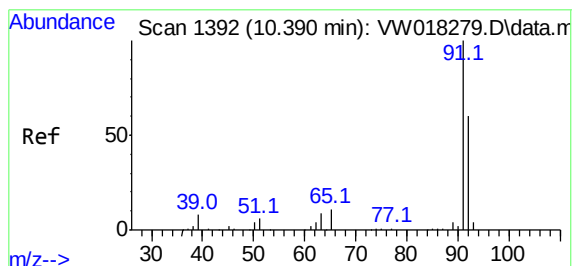
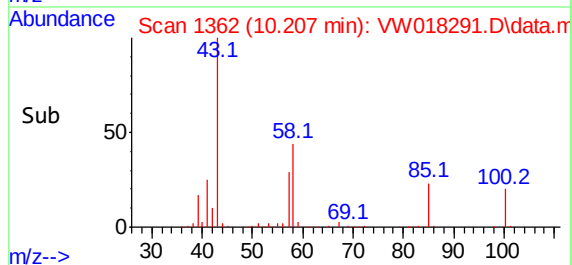
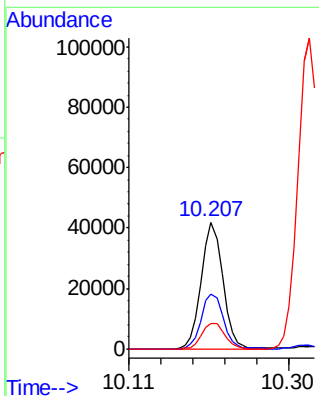
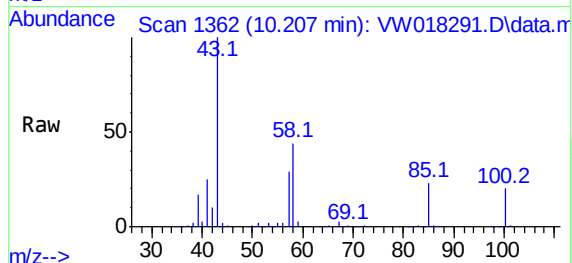




#43
4-Methyl-2-pentanone
Concen: 44.85 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VW018291.D
Acq: 10 Mar 2021 16:43

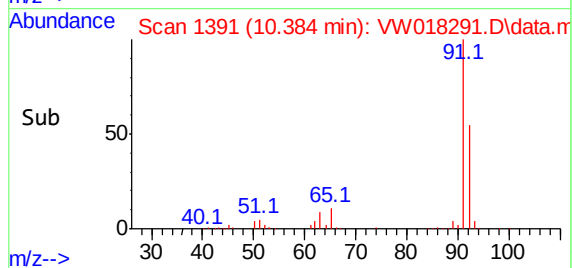
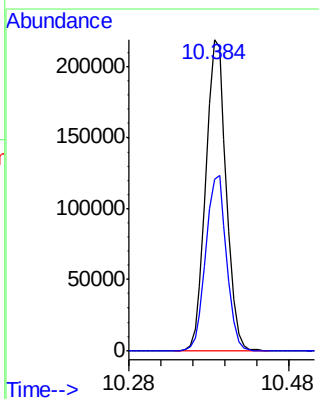
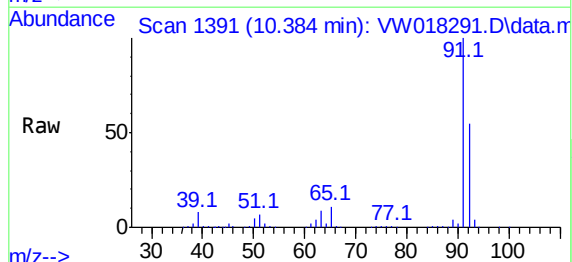
Instrument :
MSVOA_W
ClientSampled :
VSTD02536

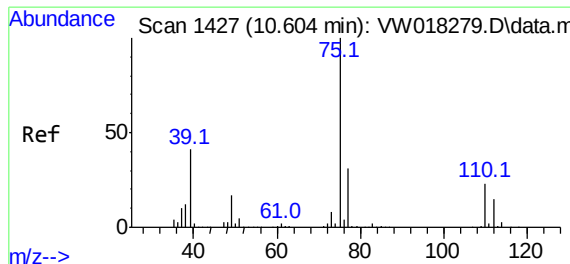
Tgt Ion: 43 Resp: 71591
Ion Ratio Lower Upper
43 100
58 44.3 34.8 52.2
100 21.2 15.9 23.9



#44
Toluene
Concen: 26.10 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VW018291.D
Acq: 10 Mar 2021 16:43

Tgt Ion: 91 Resp: 387112
Ion Ratio Lower Upper
91 100
92 55.0 42.3 78.5

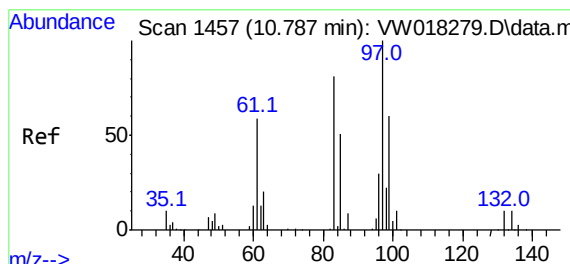
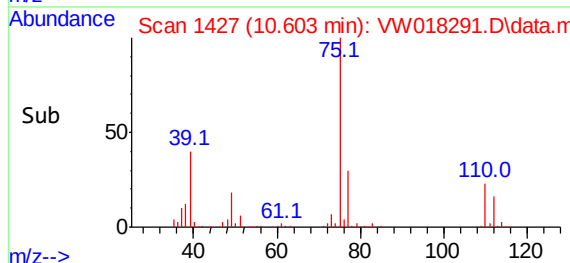
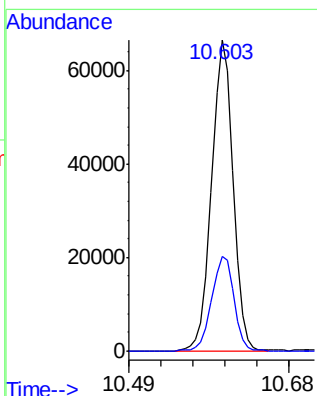
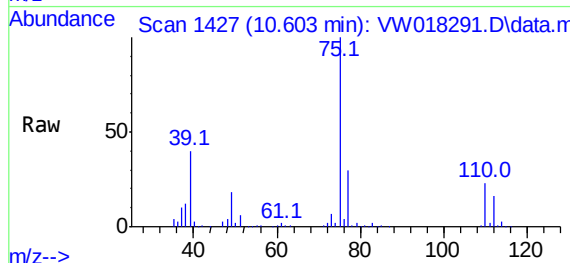




#45
trans-1,3-Dichloropropene
Concen: 24.65 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW018291.D
Acq: 10 Mar 2021 16:43

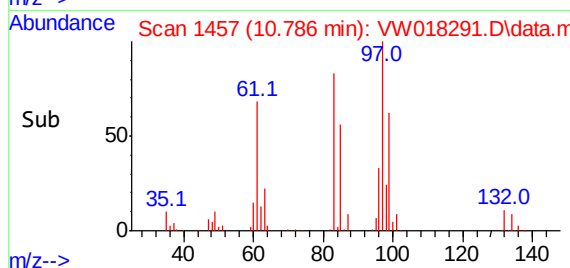
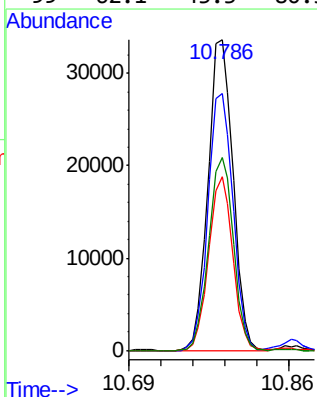
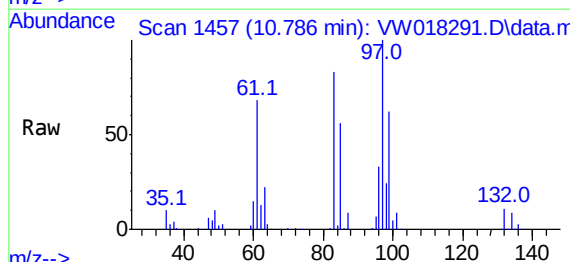
Instrument :
MSVOA_W
ClientSampleId :
VSTD02536

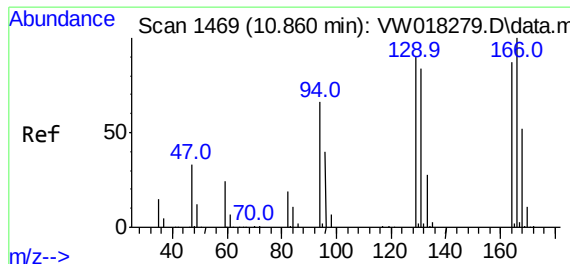
Tgt Ion: 75 Resp: 113490
Ion Ratio Lower Upper
75 100
77 30.4 22.6 42.0



#46
1,1,2-Trichloroethane
Concen: 23.92 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW018291.D
Acq: 10 Mar 2021 16:43

Tgt Ion: 97 Resp: 60449
Ion Ratio Lower Upper
97 100
83 82.8 58.9 109.5
85 56.1 38.4 71.4
99 62.1 43.3 80.3

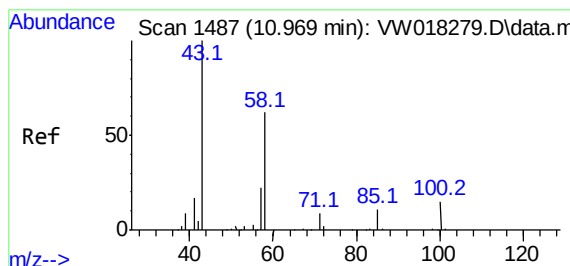
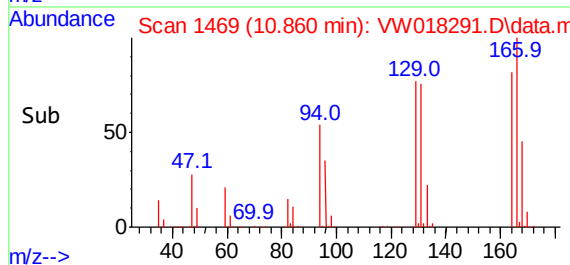
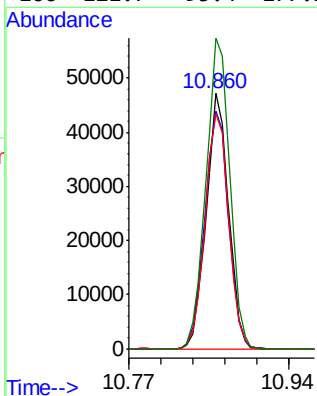
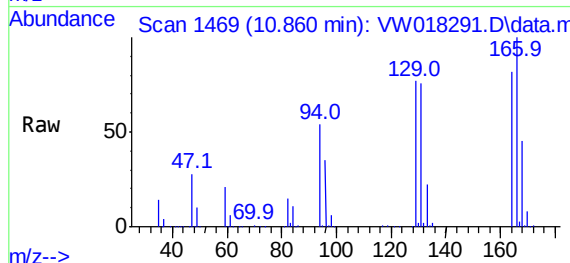




#47
Tetrachloroethene
Concen: 25.95 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW018291.D
Acq: 10 Mar 2021 16:43

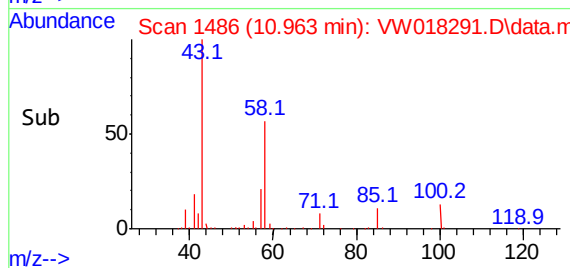
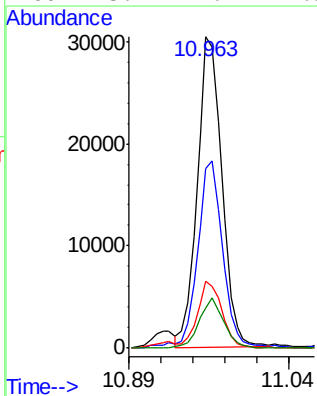
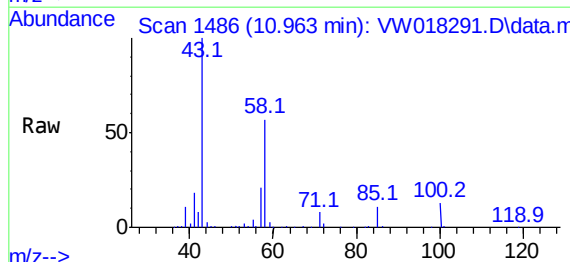
Instrument :
MSVOA_W
ClientSampleId :
VSTD02536

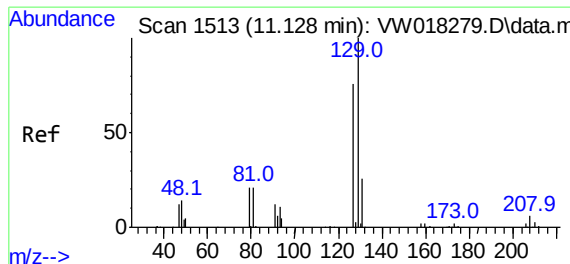
Tgt Ion:164 Resp: 75397
Ion Ratio Lower Upper
164 100
129 93.1 68.8 127.8
131 92.1 68.3 126.8
166 121.7 95.4 177.2



#49
2-Hexanone
Concen: 47.02 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. -0.006 min
Lab File: VW018291.D
Acq: 10 Mar 2021 16:43

Tgt Ion: 43 Resp: 51747
Ion Ratio Lower Upper
43 100
58 59.4 47.3 70.9
57 20.9 17.3 25.9
100 15.4 12.9 19.3

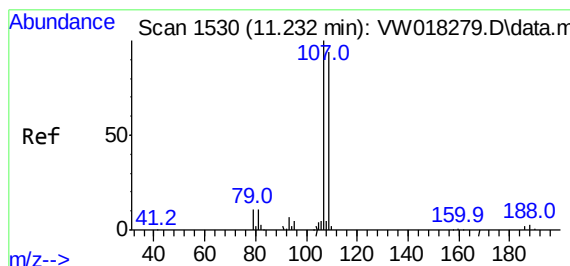
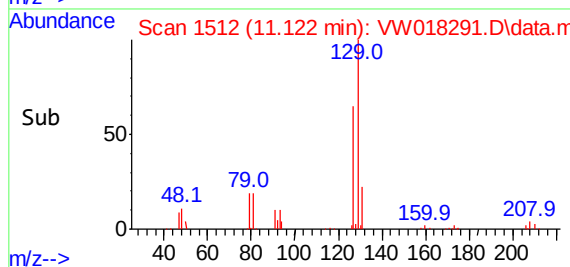
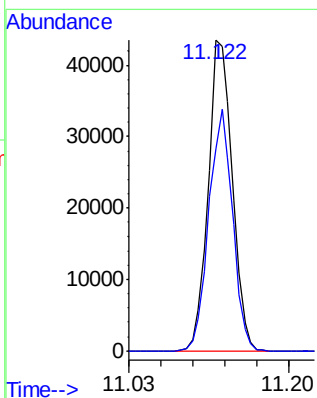
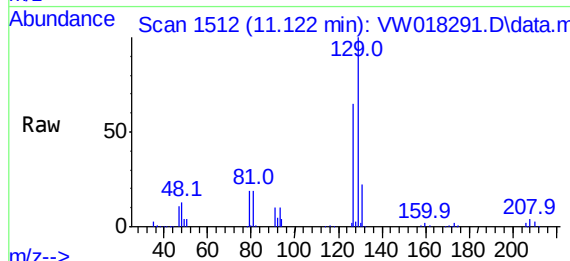




#50
 Dibromochloromethane
 Concen: 24.23 ug/L
 RT: 11.122 min Scan# 1512
 Delta R.T. -0.006 min
 Lab File: VW018291.D
 Acq: 10 Mar 2021 16:43

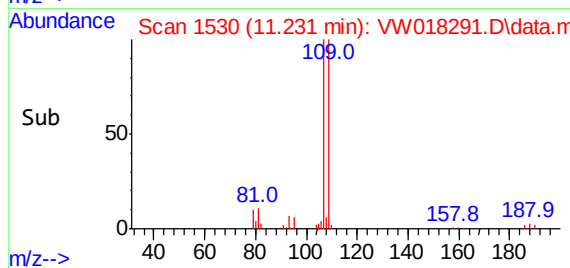
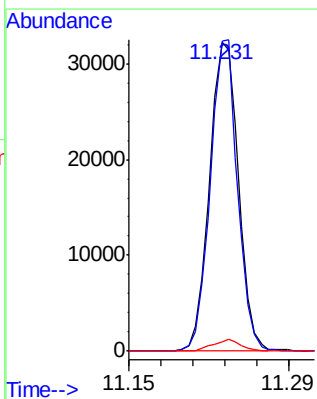
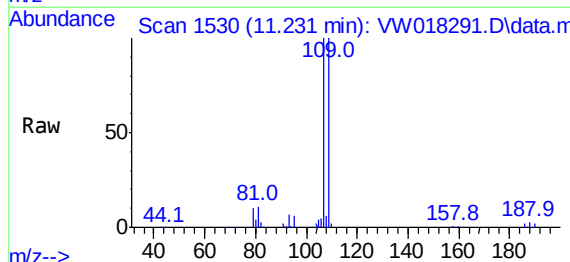
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02536

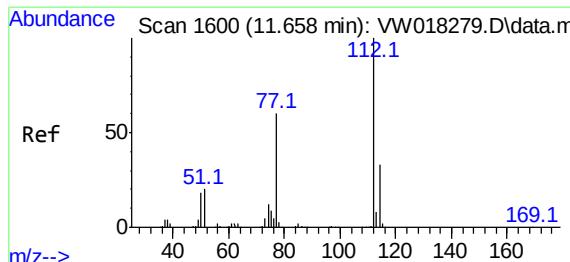
Tgt Ion:129 Resp: 75275
 Ion Ratio Lower Upper
 129 100
 127 64.8 58.0 107.6



#51
 1,2-Dibromoethane
 Concen: 23.70 ug/L
 RT: 11.231 min Scan# 1530
 Delta R.T. -0.000 min
 Lab File: VW018291.D
 Acq: 10 Mar 2021 16:43

Tgt Ion:107 Resp: 58986
 Ion Ratio Lower Upper
 107 100
 109 100.1 65.9 122.5
 188 2.7 3.0 4.4#

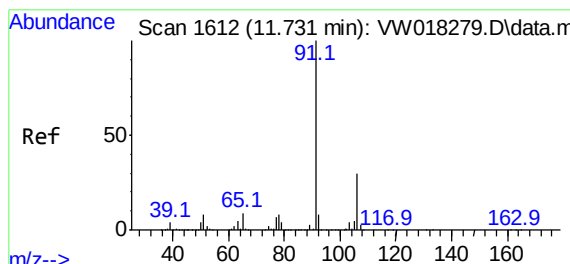
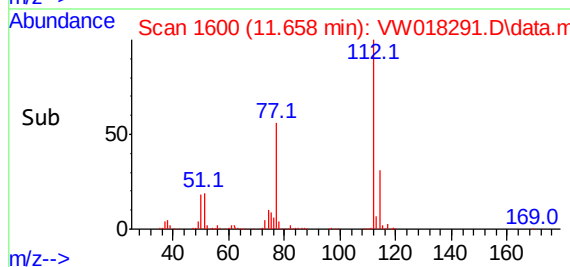
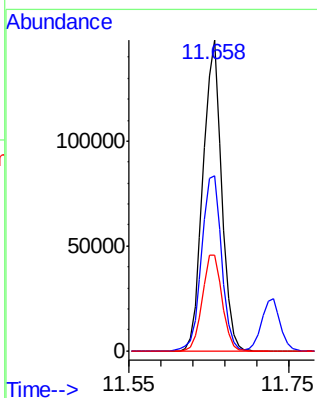
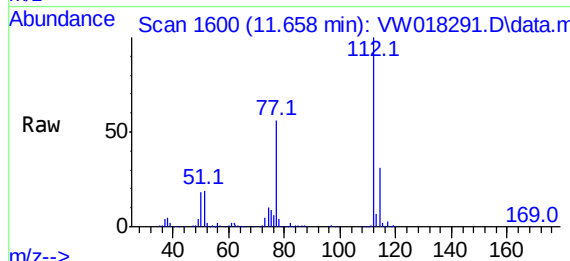




#52
Chlorobenzene
Concen: 24.73 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW018291.D
Acq: 10 Mar 2021 16:43

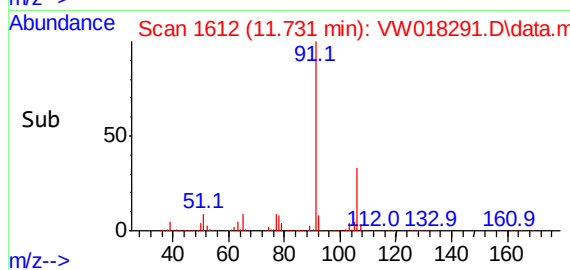
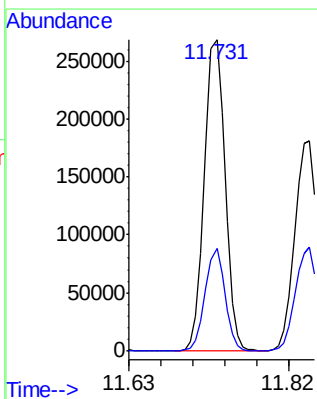
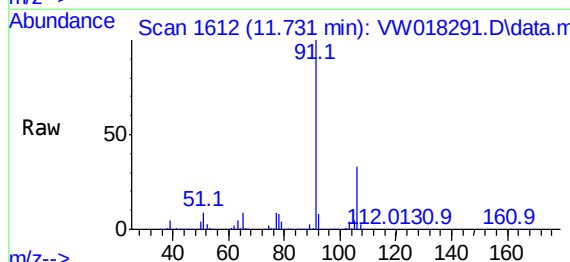
Instrument :
MSVOA_W
ClientSampleId :
VSTD02536

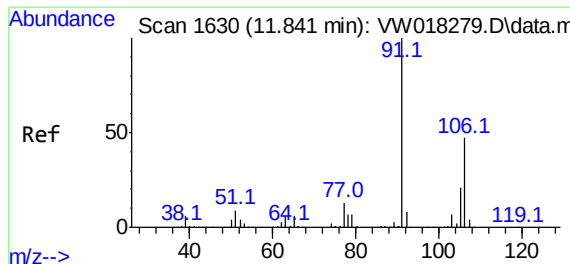
Tgt Ion: 112 Resp: 237769
Ion Ratio Lower Upper
112 100
77 56.4 45.4 68.2
114 30.7 22.5 41.9



#53
Ethylbenzene
Concen: 25.87 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW018291.D
Acq: 10 Mar 2021 16:43

Tgt Ion: 91 Resp: 441091
Ion Ratio Lower Upper
91 100
106 33.0 21.7 40.3

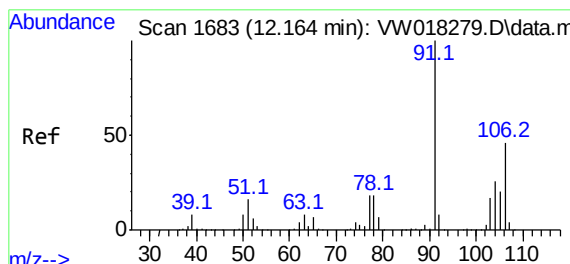
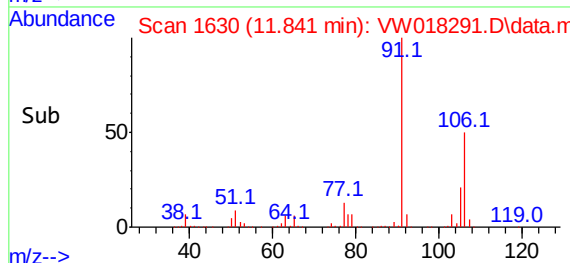
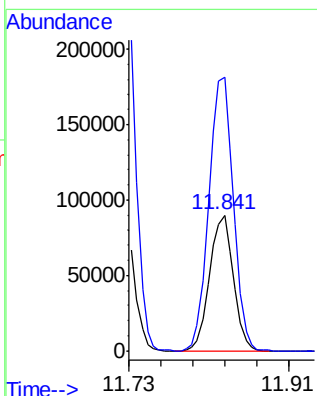
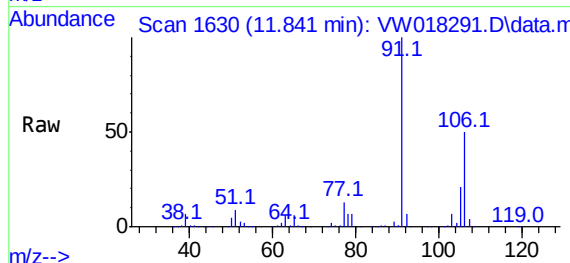




#54
m,p-Xylene
Concen: 25.58 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW018291.D
Acq: 10 Mar 2021 16:43

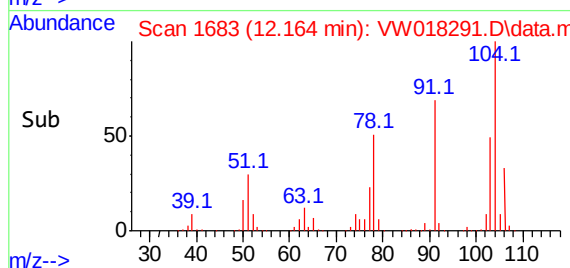
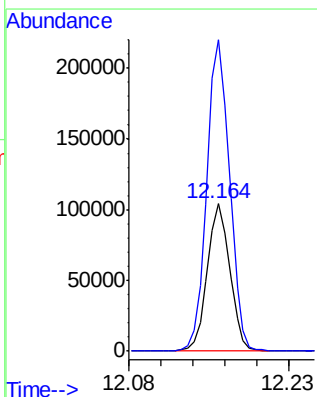
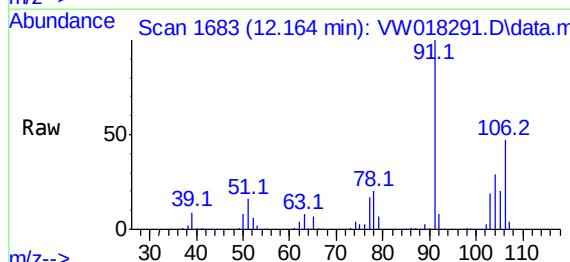
Instrument :
MSVOA_W
ClientSampleID :
VSTD02536

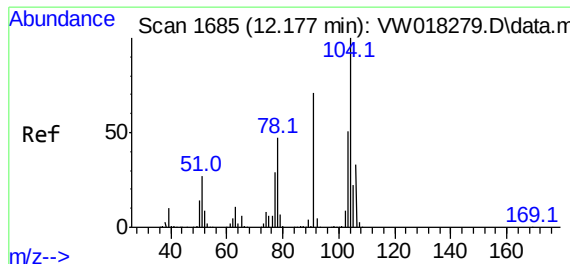
Tgt Ion:106 Resp: 165237
Ion Ratio Lower Upper
106 100
91 201.6 145.3 269.8



#55
o-xylene
Concen: 26.20 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW018291.D
Acq: 10 Mar 2021 16:43

Tgt Ion:106 Resp: 158281
Ion Ratio Lower Upper
106 100
91 212.0 154.3 286.5

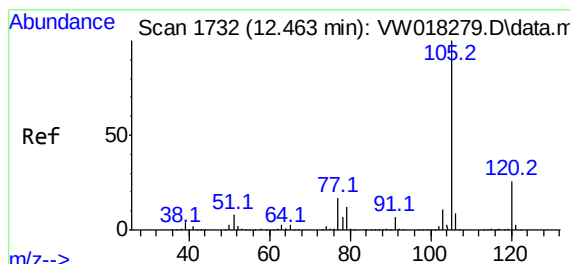
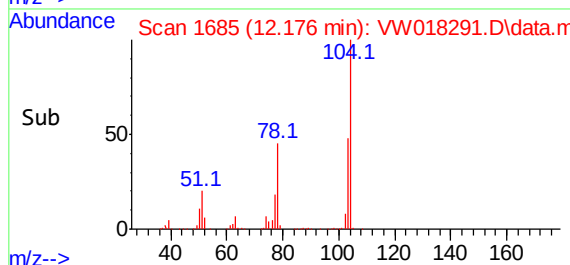
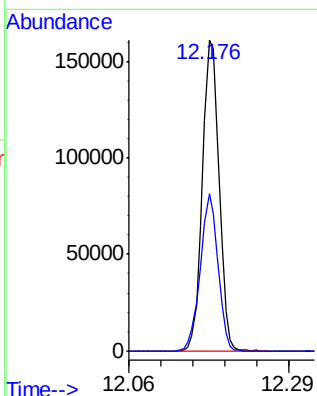
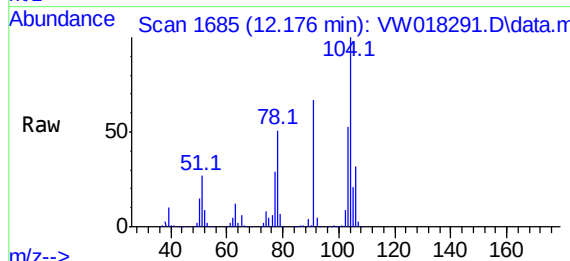




#56
Styrene
Concen: 25.85 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW018291.D
Acq: 10 Mar 2021 16:43

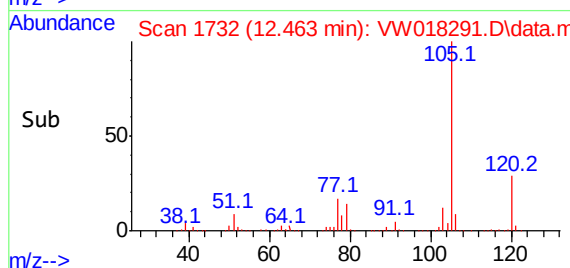
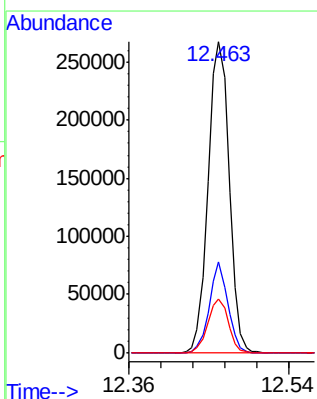
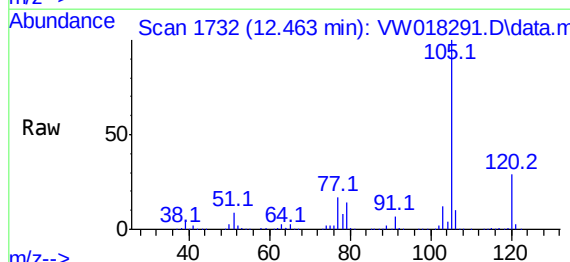
Instrument :
MSVOA_W
ClientSampleId :
VSTD02536

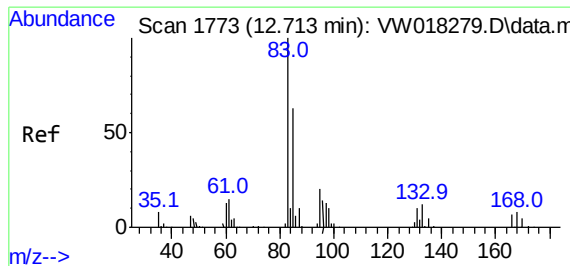
Tgt Ion:104 Resp: 267207
Ion Ratio Lower Upper
104 100
78 50.5 34.7 64.5



#57
Isopropylbenzene
Concen: 25.50 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW018291.D
Acq: 10 Mar 2021 16:43

Tgt Ion:105 Resp: 436981
Ion Ratio Lower Upper
105 100
120 25.6 20.9 31.3
77 16.6 13.2 19.8



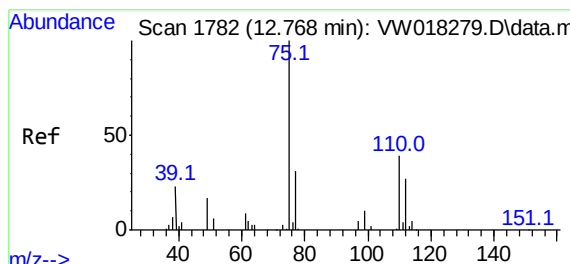
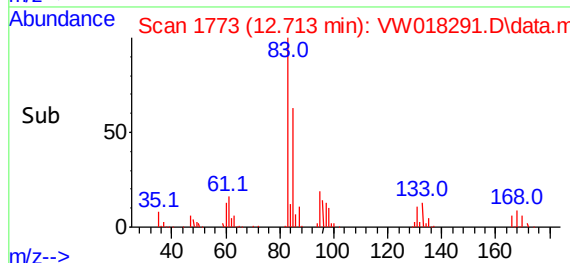
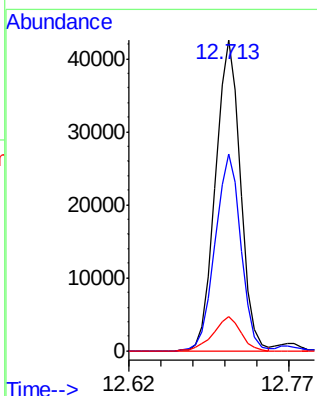
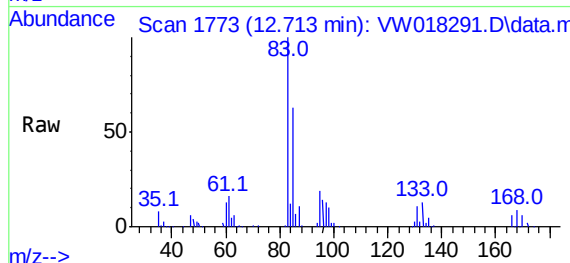


#58
 1,1,2,2-Tetrachloroethane
 Concen: 23.20 ug/L
 RT: 12.713 min Scan# 1773
 Delta R.T. -0.000 min
 Lab File: VW018291.D
 Acq: 10 Mar 2021 16:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02536

Tgt Ion: 83 Resp: 67610

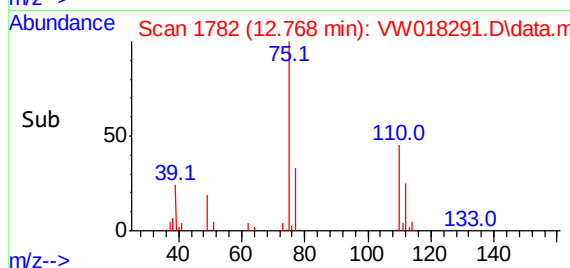
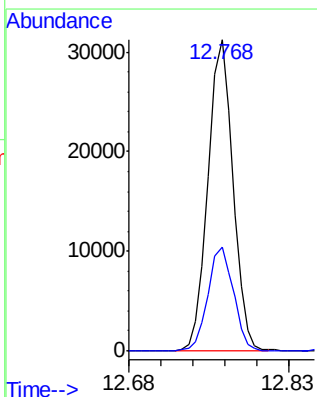
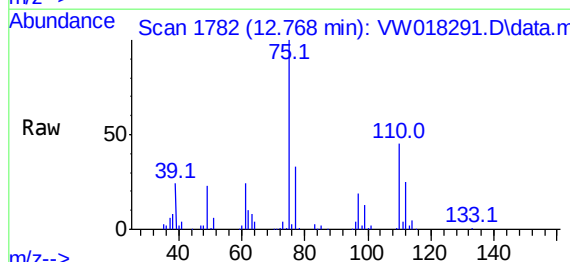
Ion	Ratio	Lower	Upper
83	100		
85	63.4	49.0	91.0
131	11.2	8.7	13.1

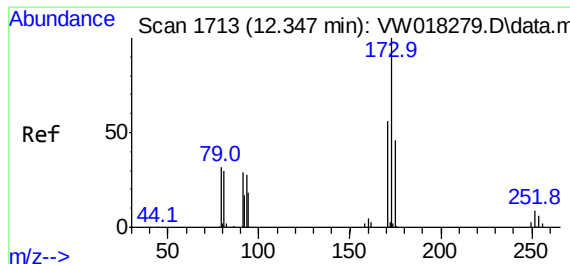


#59
 1,2,3-Trichloropropane
 Concen: 22.48 ug/L
 RT: 12.768 min Scan# 1782
 Delta R.T. -0.000 min
 Lab File: VW018291.D
 Acq: 10 Mar 2021 16:43

Tgt Ion: 75 Resp: 49635

Ion	Ratio	Lower	Upper
75	100		
77	33.8	25.6	38.4

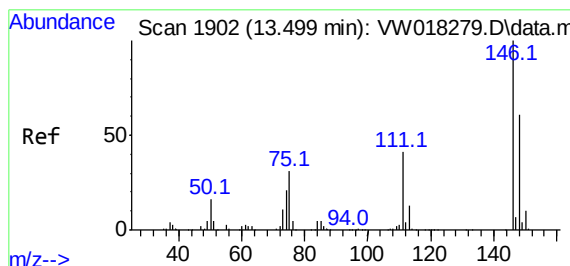
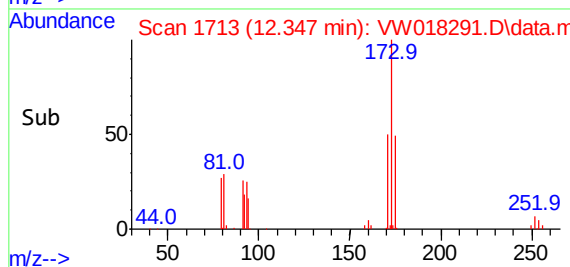
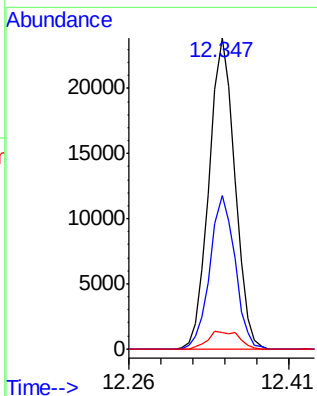
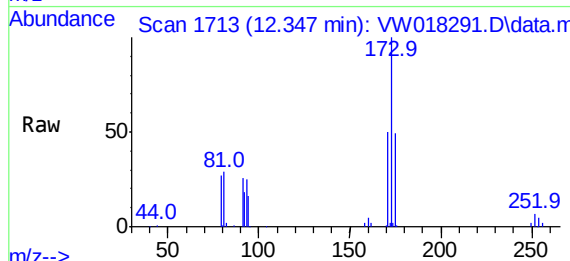




#62
Bromoform
Concen: 23.60 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.000 min
Lab File: VW018291.D
Acq: 10 Mar 2021 16:43

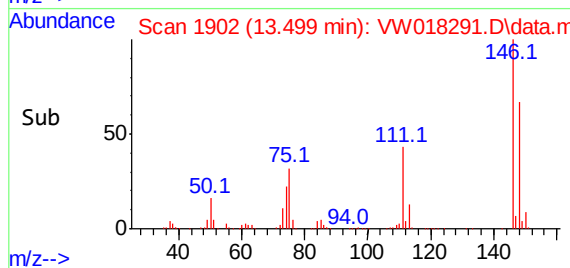
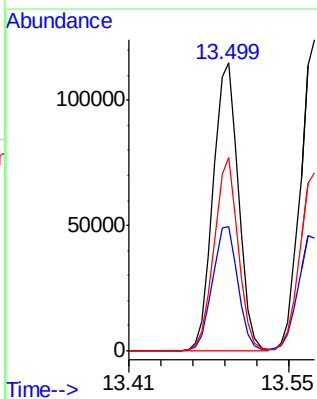
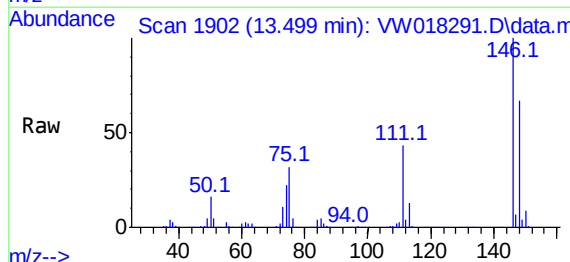
Instrument :
MSVOA_W
ClientSampleId :
VSTD02536

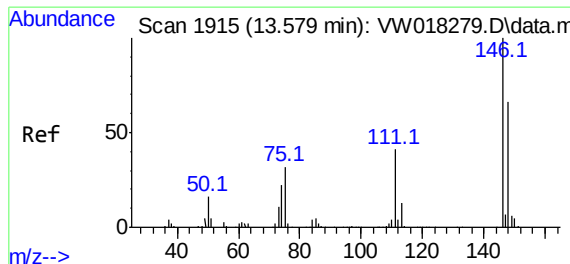
Tgt Ion:173 Resp: 39154
Ion Ratio Lower Upper
173 100
175 48.1 38.2 57.2
254 4.6 6.0 9.0#



#63
1,3-Dichlorobenzene
Concen: 24.70 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW018291.D
Acq: 10 Mar 2021 16:43

Tgt Ion:146 Resp: 185013
Ion Ratio Lower Upper
146 100
111 43.2 27.5 51.1
148 66.9 43.0 80.0

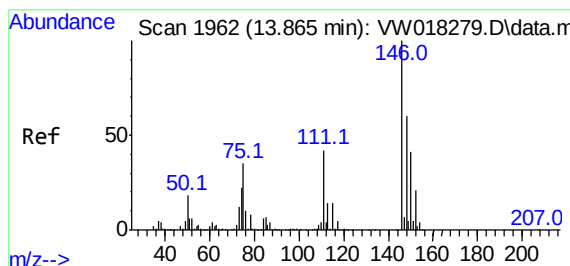
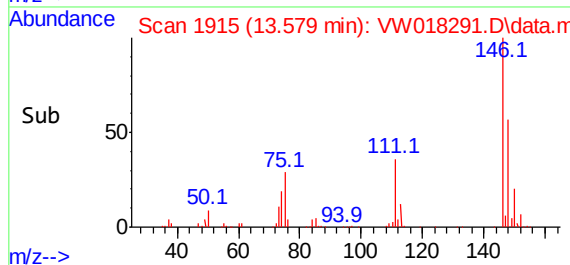
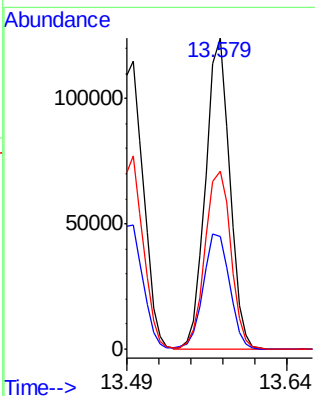
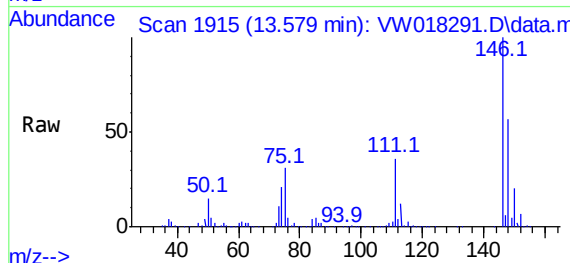




#64
1,4-Dichlorobenzene
Concen: 25.74 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW018291.D
Acq: 10 Mar 2021 16:43

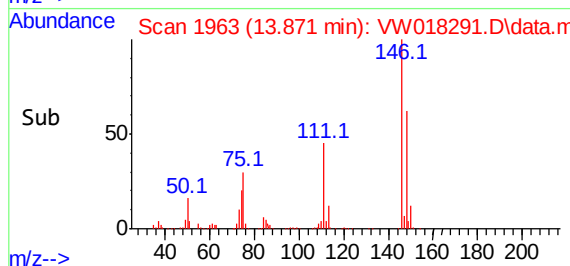
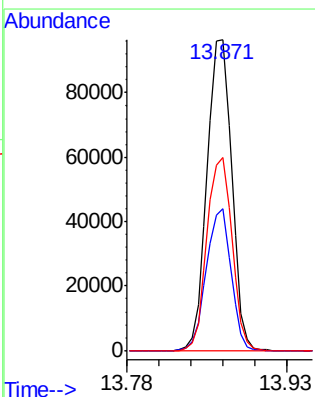
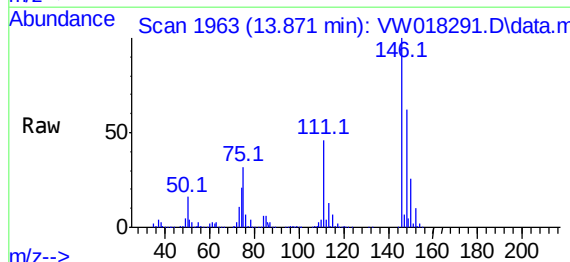
Instrument :
MSVOA_W
ClientSampleId :
VSTD02536

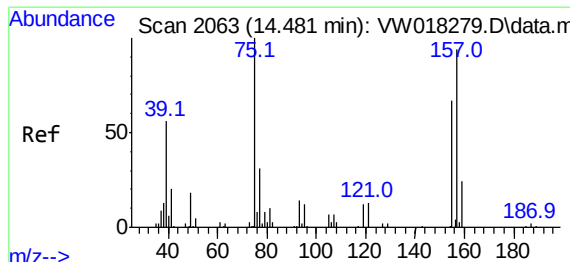
Tgt Ion:146 Resp: 190806
Ion Ratio Lower Upper
146 100
111 36.1 28.3 52.5
148 57.3 47.3 87.9



#65
1,2-Dichlorobenzene
Concen: 24.04 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. 0.006 min
Lab File: VW018291.D
Acq: 10 Mar 2021 16:43

Tgt Ion:146 Resp: 162065
Ion Ratio Lower Upper
146 100
111 45.6 36.0 54.0
148 62.1 50.2 75.4



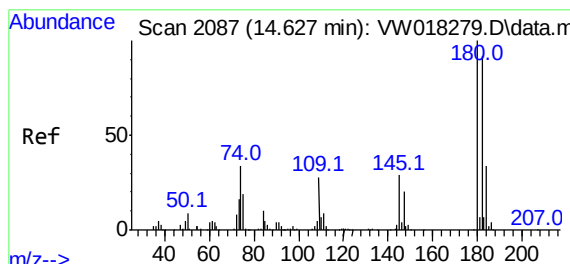
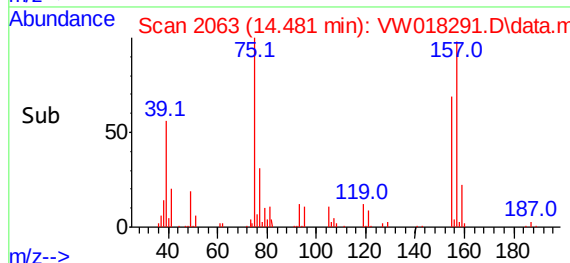
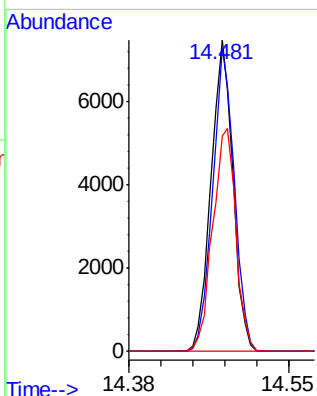
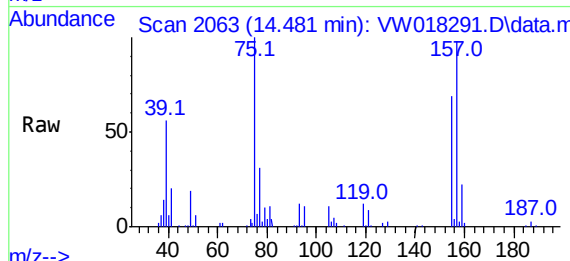


#66
1,2-Dibromo-3-chloropropane
Concen: 22.29 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW018291.D
Acq: 10 Mar 2021 16:43

Instrument :
MSVOA_W
ClientSampleId :
VSTD02536

Tgt Ion: 75 Resp: 11730

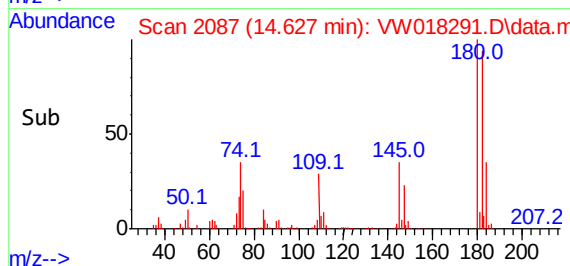
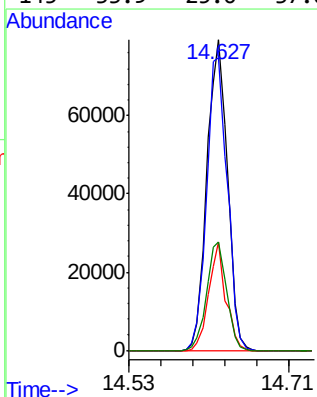
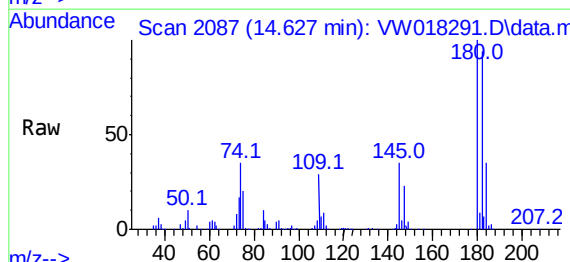
Ion	Ratio	Lower	Upper
75	100		
157	97.5	65.2	97.8
155	69.0	60.1	90.1

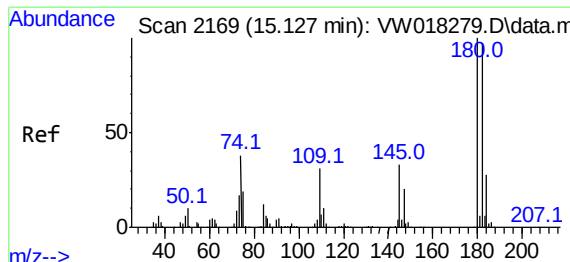


#67
1,3,5-Trichlorobenzene
Concen: 23.15 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VW018291.D
Acq: 10 Mar 2021 16:43

Tgt Ion: 180 Resp: 126590

Ion	Ratio	Lower	Upper
180	100		
182	95.1	71.8	107.8
184	28.9	23.5	35.3
145	33.9	25.0	37.6

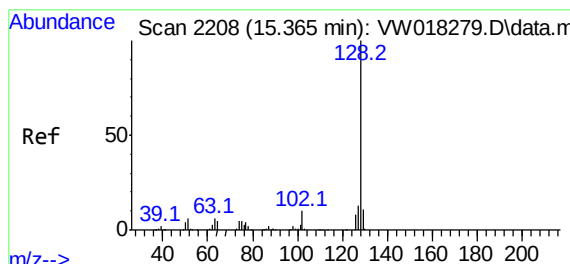
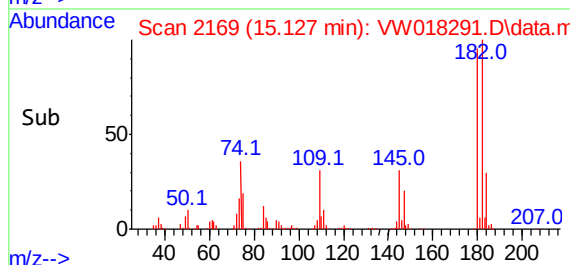
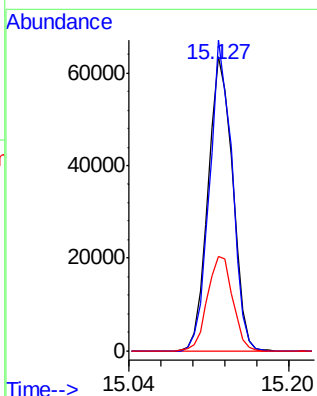
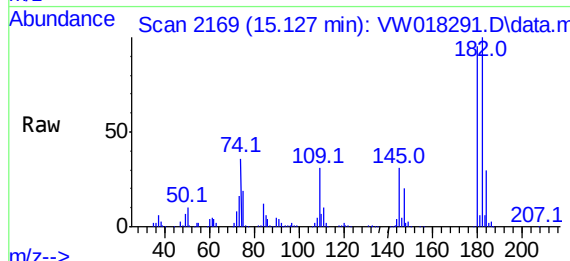




#68
1,2,4-trichlorobenzene
Concen: 23.54 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VW018291.D
Acq: 10 Mar 2021 16:43

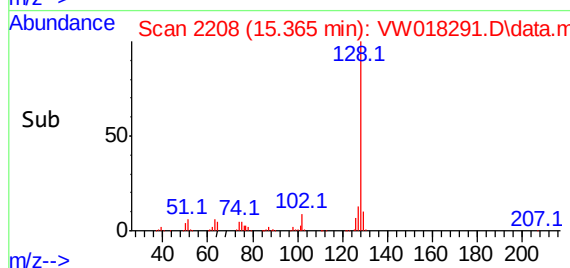
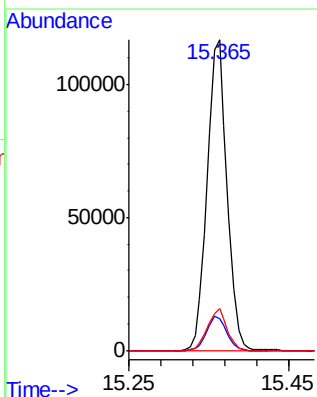
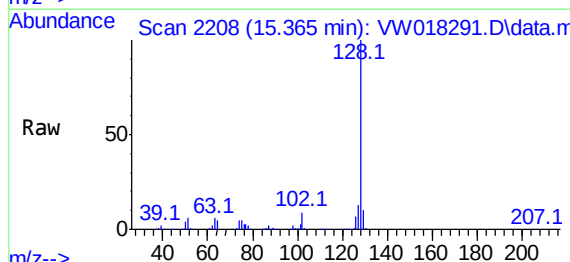
Instrument :
MSVOA_W
ClientSampleId :
VSTD02536

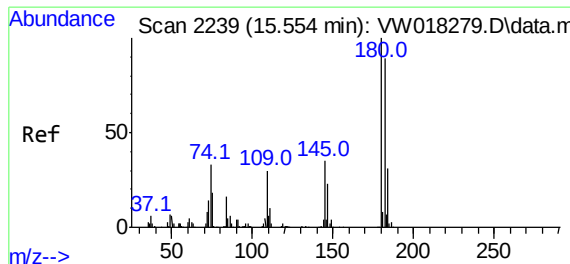
Tgt Ion:180 Resp: 105645
Ion Ratio Lower Upper
180 100
182 96.8 70.2 105.4
145 33.1 24.9 37.3



#69
Naphthalene
Concen: 22.83 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW018291.D
Acq: 10 Mar 2021 16:43

Tgt Ion:128 Resp: 201611
Ion Ratio Lower Upper
128 100
129 10.9 9.1 13.7
127 13.2 10.7 16.1





#70
 1,2,3-Trichlorobenzene
 Concen: 22.74 ug/L
 RT: 15.548 min Scan# 2238
 Delta R.T. -0.006 min
 Lab File: VW018291.D
 Acq: 10 Mar 2021 16:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02536

Tgt Ion:180 Resp: 88787

Ion	Ratio	Lower	Upper
180	100		
182	96.7	76.5	114.7
145	38.0	27.7	41.5

