

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022221\
 Data File : VW018215.D
 Acq On : 22 Feb 2021 10:33
 Operator : SY/VA
 Sample : VSTD00506
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 23 00:36:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM022221S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Feb 23 00:23:39 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	444699	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	395552	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	196060	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	24205	4.97	ug/L	0.00
7) Chloroethane-d5	2.891	69	18565	4.94	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.025	63	49755	5.00	ug/L	0.00
20) 2-Butanone-d5	7.080	46	9117	8.99	ug/L	0.00
24) Chloroform-d	7.653	84	52828	5.17	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	26171	5.15	ug/L	0.00
29) Benzene-d6	8.275	84	105091	5.29	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.274	67	28103	5.15	ug/L	0.00
37) Toluene-d8	10.323	98	101263	5.27	ug/L	0.00
38) trans-1,3-Dichloroprop...	10.579	79	11782	4.74	ug/L	0.00
39) 2-Hexanone-d5	10.927	63	7755	9.06	ug/L	0.00
48) 1,1,2,2-Tetrachloroeth...	12.695	84	21978	5.04	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.853	152	37210	5.45	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.014	85	28159	5.13	ug/L	98
3) Chloromethane	2.215	50	20312	4.89	ug/L	96
5) Vinyl chloride	2.367	62	30917	5.07	ug/L	98
6) Bromomethane	2.782	94	20701	5.02	ug/L	98
8) Chloroethane	2.928	64	16869	4.92	ug/L	98
9) Trichlorofluoromethane	3.263	101	20717	4.64	ug/L	98
11) 1,1,2-Trichloro-1,2,2-...	4.074	101	28649	4.96	ug/L	98
12) 1,1-Dichloroethene	4.044	96	28627	5.03	ug/L	95
13) Acetone	4.123	43	7102	9.50	ug/L	95
14) Carbon disulfide	4.391	76	83506	4.77	ug/L	99
15) Methyl Acetate	4.678	43	8428	4.55	ug/L	100
16) Methylene chloride	4.922	84	30846	5.15	ug/L	98
17) Methyl tert-butyl Ether	5.428	73	28227	4.76	ug/L #	88
18) trans-1,2-Dichloroethene	5.428	96	30235	5.02	ug/L	99
19) 1,1-Dichloroethane	6.214	63	46446	4.99	ug/L	99
21) 2-Butanone	7.165	43	10334	9.00	ug/L	98
22) cis-1,2-Dichloroethene	7.165	96	29754	4.87	ug/L	96
23) Bromochloromethane	7.513	128	14047	4.95	ug/L	92
25) Chloroform	7.677	83	49968	4.97	ug/L	99
27) 1,2-Dichloroethane	8.397	62	29958	4.95	ug/L	100
30) Cyclohexane	7.958	56	42307	5.06	ug/L	98
31) 1,1,1-Trichloroethane	7.866	97	42264	5.11	ug/L	99
32) Carbon tetrachloride	8.067	117	41798	5.14	ug/L	100
34) Benzene	8.323	78	109657	5.10	ug/L	100
35) Trichloroethene	9.092	95	30719	5.10	ug/L	99
36) Methylcyclohexane	9.335	83	51838	5.06	ug/L	99
40) 1,2-Dichloropropane	9.366	63	24690	4.99	ug/L	98
41) Bromodichloromethane	9.640	83	33678	4.83	ug/L	99
42) cis-1,3-Dichloropropene	10.073	75	37077	4.69	ug/L	97
43) 4-Methyl-2-pentanone	10.207	43	22389	8.97	ug/L	99
44) Toluene	10.390	91	121742	5.11	ug/L	99
45) trans-1,3-Dichloropropene	10.603	75	30806	4.53	ug/L	97

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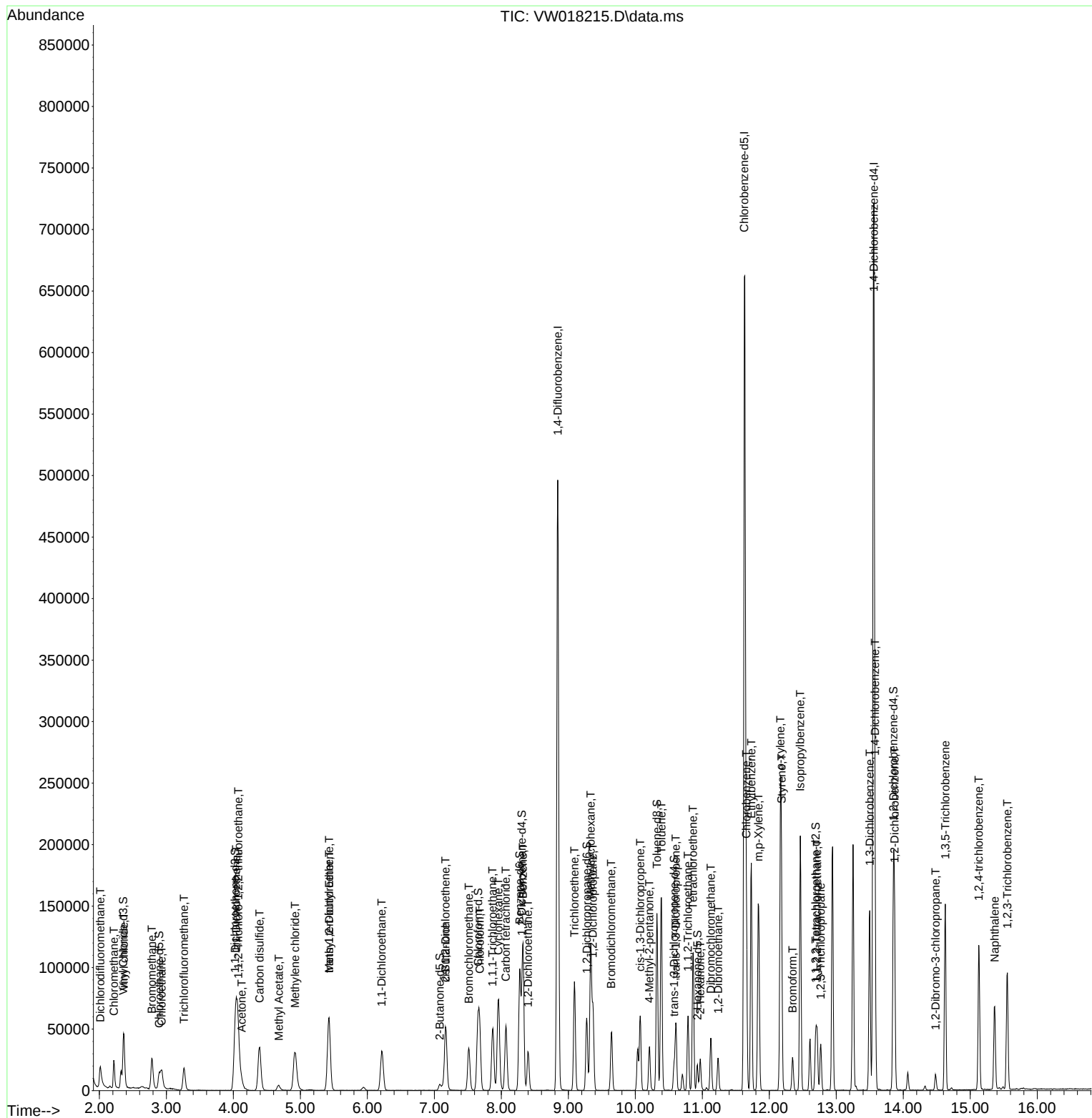
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1,2-Trichloroethane	10.786	97	19501	4.87	ug/L	95
47) Tetrachloroethene	10.860	164	27380	5.15	ug/L	93
49) 2-Hexanone	10.969	43	15253	8.98	ug/L	98
50) Dibromochloromethane	11.128	129	22841	4.59	ug/L	96
51) 1,2-Dibromoethane	11.237	107	18411	4.71	ug/L	98
52) Chlorobenzene	11.658	112	79883	5.05	ug/L	99
53) Ethylbenzene	11.731	91	135437	5.05	ug/L	96
54) m,p-Xylene	11.841	106	52363	5.01	ug/L	98
55) o-xylene	12.164	106	49984	5.06	ug/L	94
56) Styrene	12.182	104	83203	4.99	ug/L	97
57) Isopropylbenzene	12.463	105	134802	5.01	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.713	83	21612	4.87	ug/L	92
59) 1,2,3-Trichloropropane	12.768	75	15874	4.84	ug/L	98
62) Bromoform	12.347	173	12895	4.51	ug/L	97
63) 1,3-Dichlorobenzene	13.499	146	64900	5.21	ug/L	98
64) 1,4-Dichlorobenzene	13.579	146	65429	5.27	ug/L	99
65) 1,2-Dichlorobenzene	13.871	146	57189	5.20	ug/L	97
66) 1,2-Dibromo-3-chloropr...	14.481	75	3179	4.57	ug/L	88
67) 1,3,5-Trichlorobenzene	14.627	180	50232	5.21	ug/L	96
68) 1,2,4-trichlorobenzene	15.127	180	39054	5.01	ug/L	99
69) Naphthalene	15.365	128	62193	4.56	ug/L	99
70) 1,2,3-Trichlorobenzene	15.554	180	34371	5.02	ug/L	99

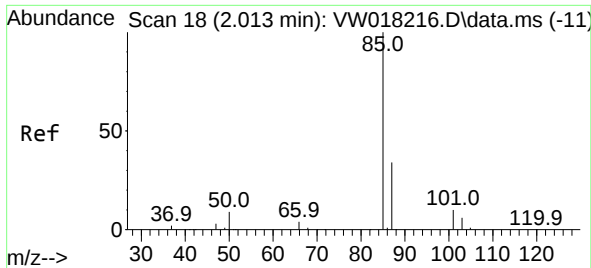
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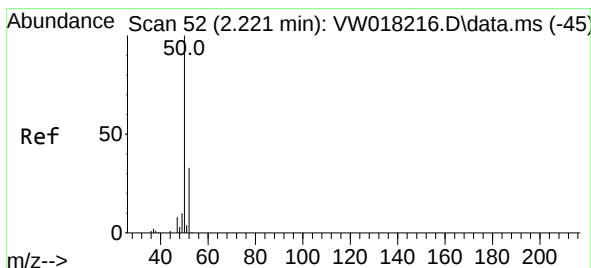
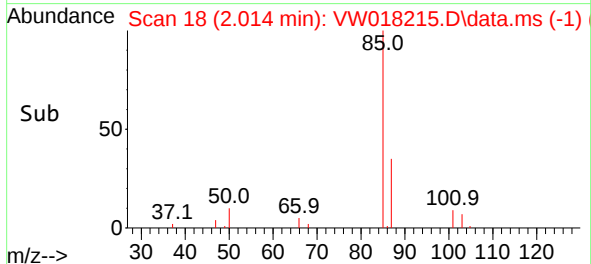
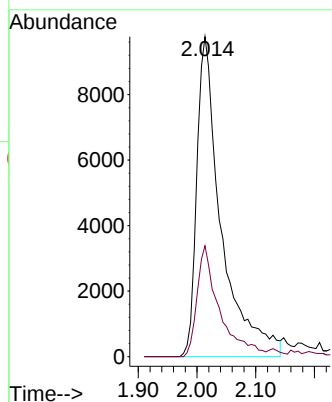
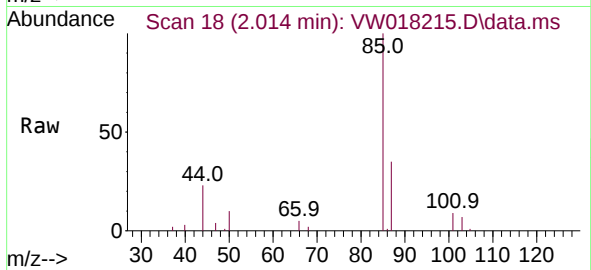




#2
Dichlorodifluoromethane
Concen: 5.13 ug/L
RT: 2.014 min Scan# 18
Delta R.T. 0.000 min
Lab File: VW018215.D
Acq: 22 Feb 2021 10:33

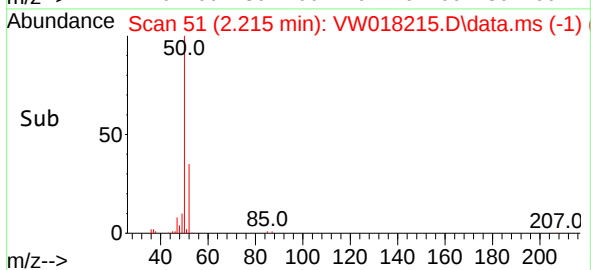
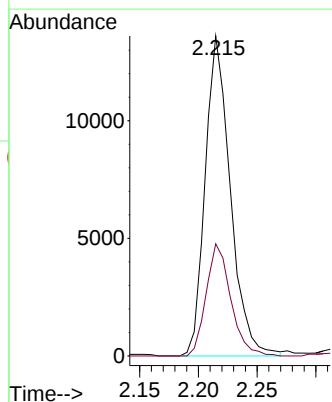
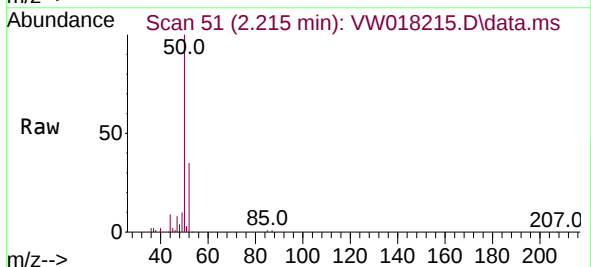
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MSVOA_W
ClientSampled :

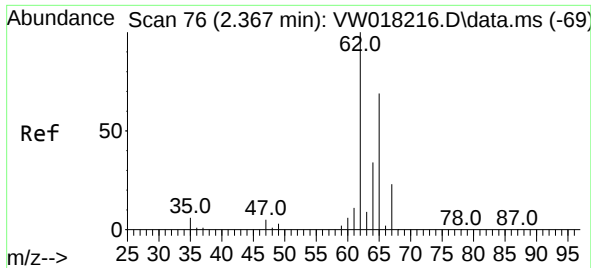
Tgt Ion: 85 Resp: 28159
Ion Ratio Lower Upper
85 100
87 30.3 21.8 40.6



#3
Chloromethane
Concen: 4.89 ug/L
RT: 2.215 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW018215.D
Acq: 22 Feb 2021 10:33

Tgt Ion: 50 Resp: 20312
Ion Ratio Lower Upper
50 100
52 35.1 23.0 42.8

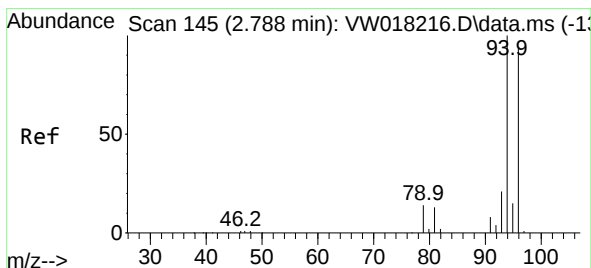
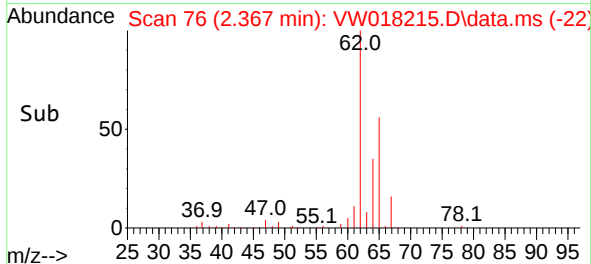
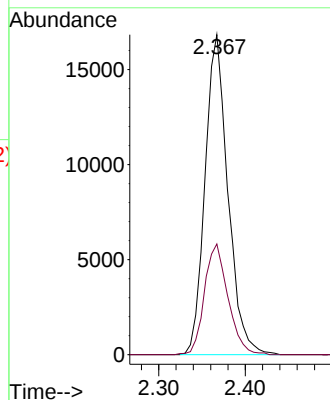
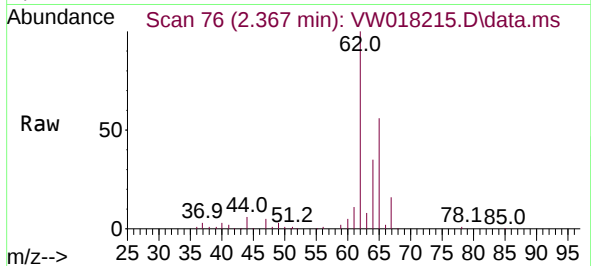




#5
 Vinyl chloride
 Concen: 5.07 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VW018215.D
 Acq: 22 Feb 2021 10:33

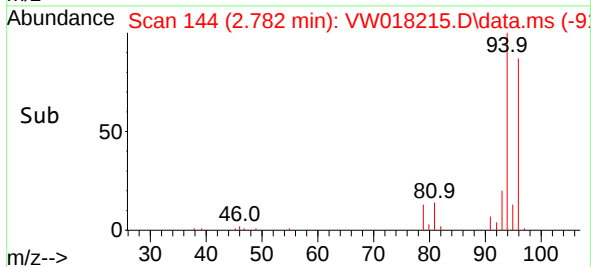
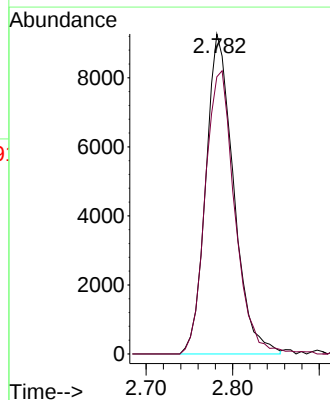
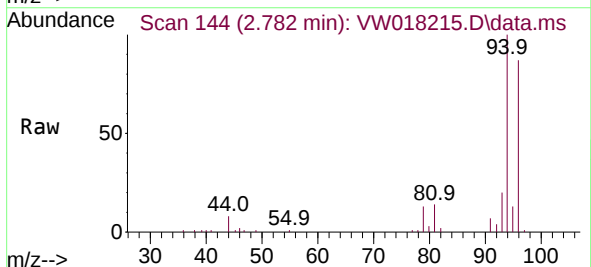
Instrument :
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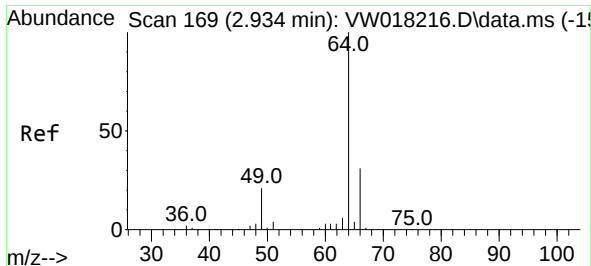
Tgt Ion: 62 Resp: 30917
 Ion Ratio Lower Upper
 62 100
 64 34.6 23.6 43.8



#6
 Bromomethane
 Concen: 5.02 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. -0.006 min
 Lab File: VW018215.D
 Acq: 22 Feb 2021 10:33

Tgt Ion: 94 Resp: 20701
 Ion Ratio Lower Upper
 94 100
 96 93.9 9.6 182.6

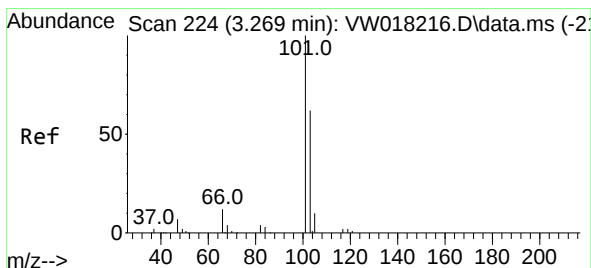
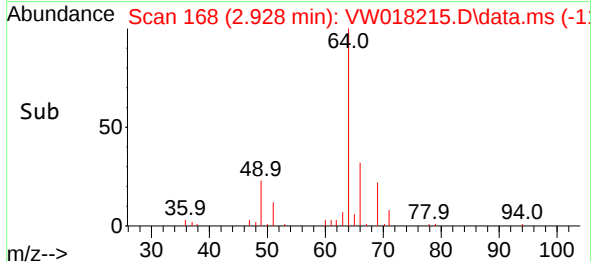
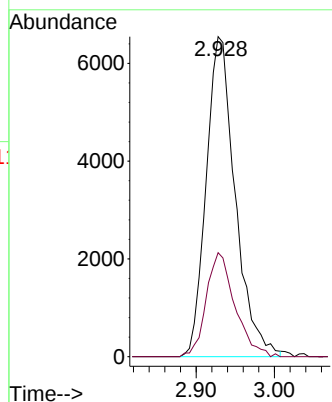
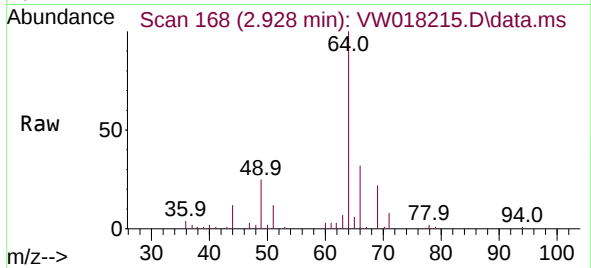




#8
Chloroethane
Concen: 4.92 ug/L
RT: 2.928 min Scan# 168
Delta R.T. -0.006 min
Lab File: VW018215.D
Acq: 22 Feb 2021 10:33

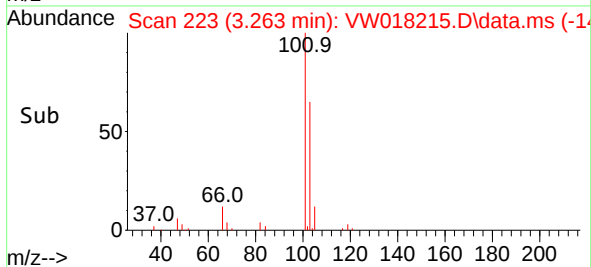
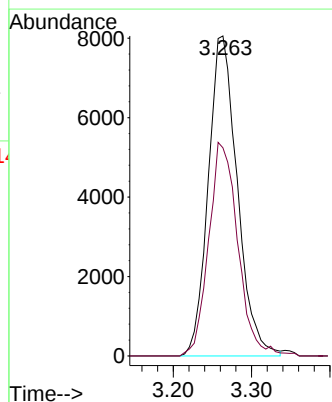
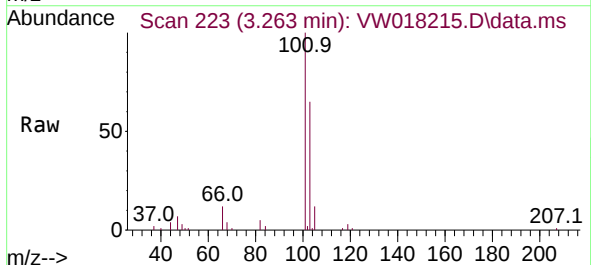
Instrument :
MSVOA_W
ClientSampled :

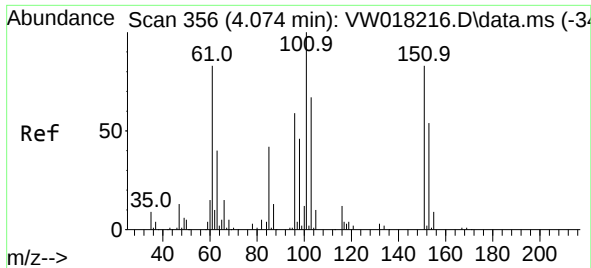
Tgt Ion: 64 Resp: 16869
Ion Ratio Lower Upper
64 100
66 32.5 21.8 40.6



#9
Trichlorofluoromethane
Concen: 4.64 ug/L
RT: 3.263 min Scan# 223
Delta R.T. -0.006 min
Lab File: VW018215.D
Acq: 22 Feb 2021 10:33

Tgt Ion: 101 Resp: 20717
Ion Ratio Lower Upper
101 100
103 66.0 45.1 83.7

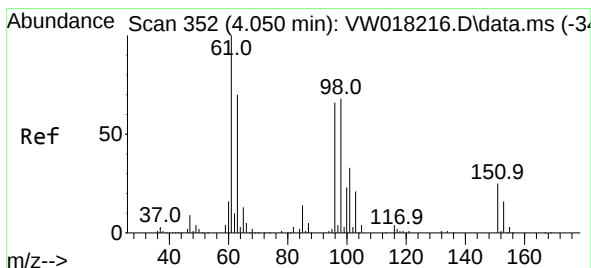
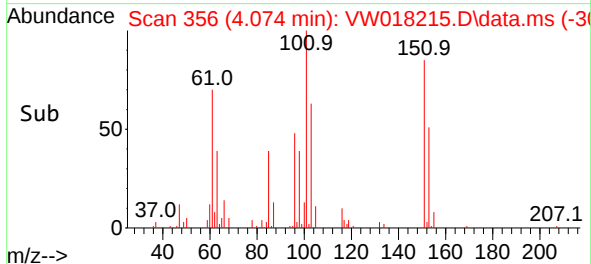
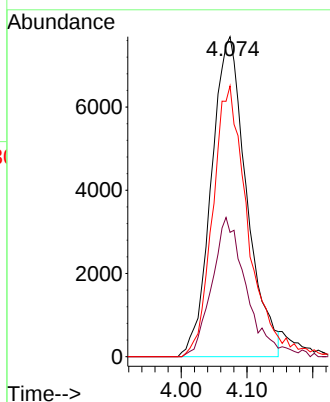
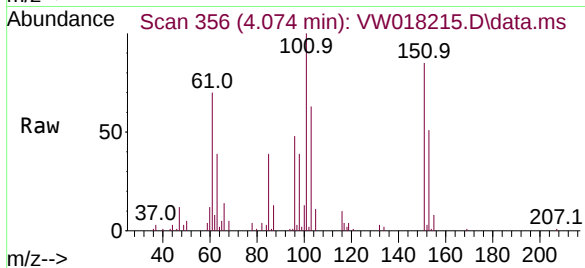




#11
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.96 ug/L
 RT: 4.074 min Scan# 356
 Delta R.T. 0.000 min
 Lab File: VW018215.D
 Acq: 22 Feb 2021 10:33

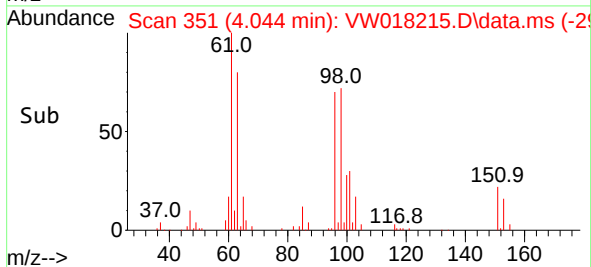
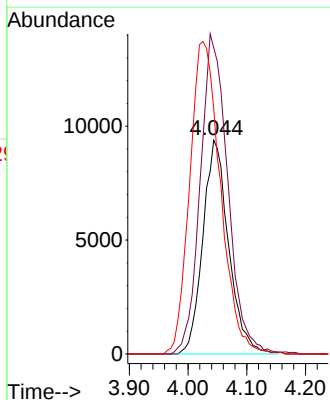
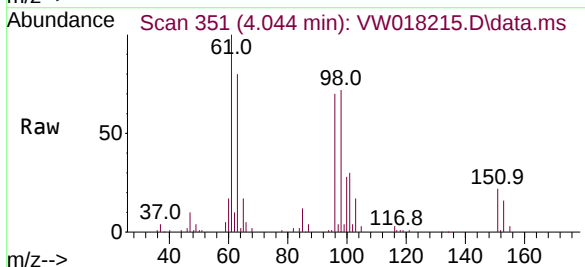
Instrument :
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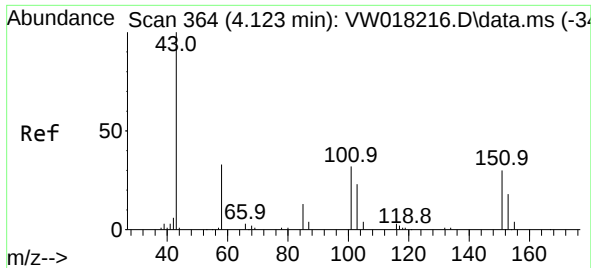
Tgt Ion:	101	Resp:	28649
Ion	Ratio	Lower	Upper
101	100		
85	38.7	32.7	49.1
151	82.4	64.6	97.0



#12
 1,1-Dichloroethene
 Concen: 5.03 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. -0.006 min
 Lab File: VW018215.D
 Acq: 22 Feb 2021 10:33

Tgt Ion:	96	Resp:	28627
Ion	Ratio	Lower	Upper
96	100		
61	143.2	106.3	197.5
63	114.9	77.8	144.4

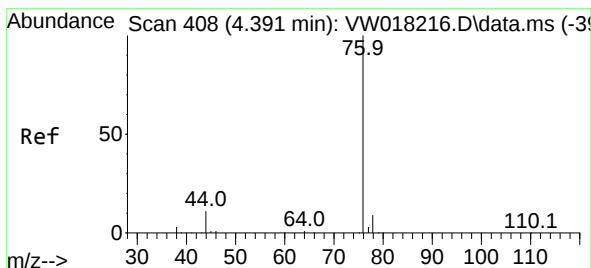
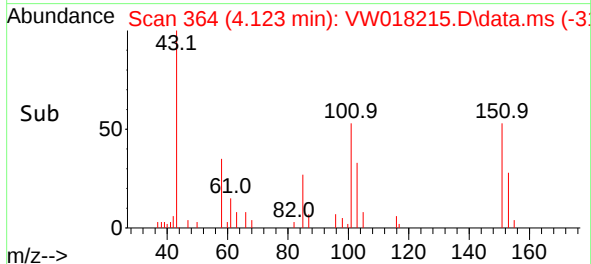
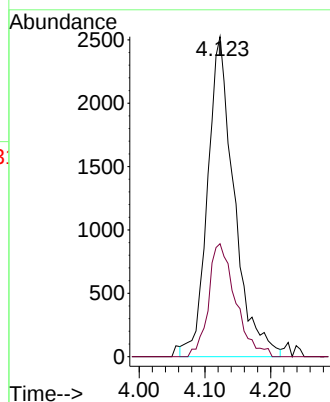
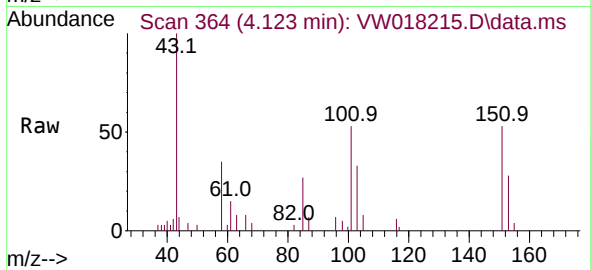




#13
Acetone
Concen: 9.50 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.000 min
Lab File: VW018215.D
Acq: 22 Feb 2021 10:33

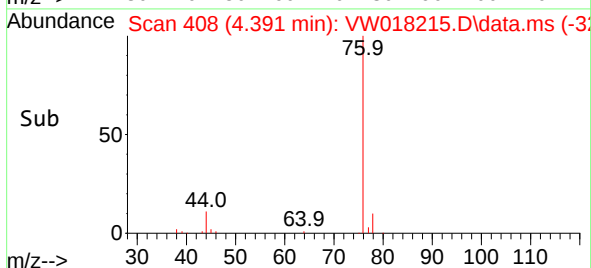
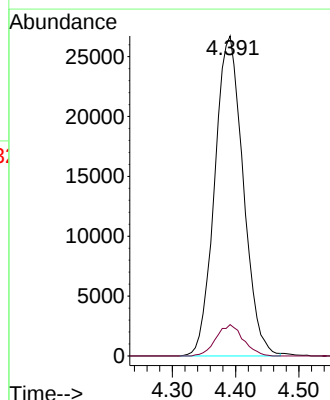
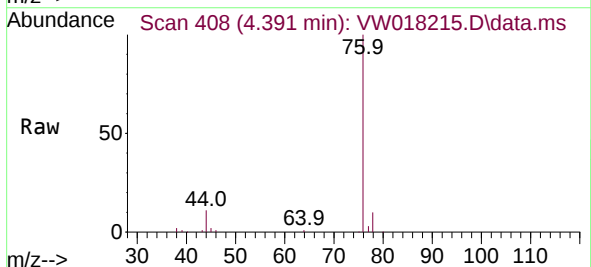
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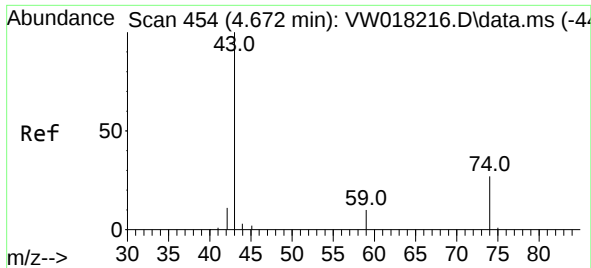
Tgt Ion: 43 Resp: 7102
Ion Ratio Lower Upper
43 100
58 34.7 0.0 64.0



#14
Carbon disulfide
Concen: 4.77 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.000 min
Lab File: VW018215.D
Acq: 22 Feb 2021 10:33

Tgt Ion: 76 Resp: 83506
Ion Ratio Lower Upper
76 100
78 9.8 7.5 11.3

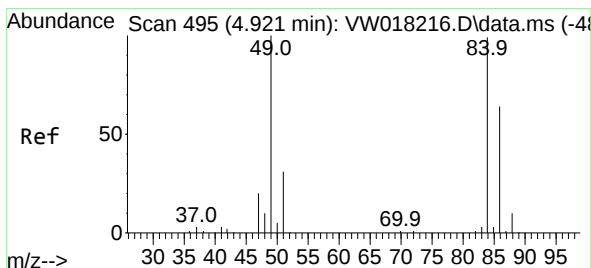
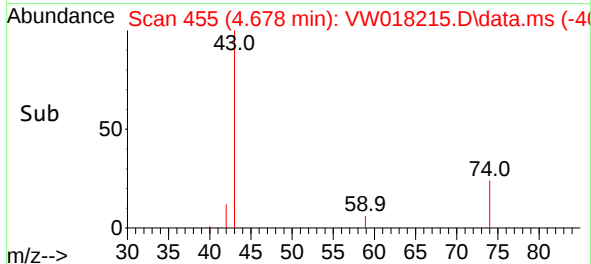
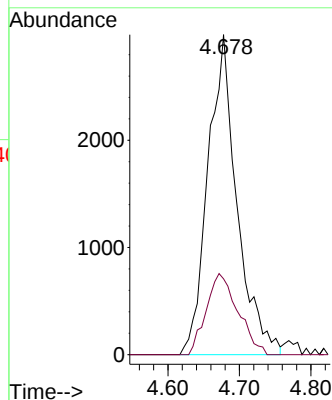
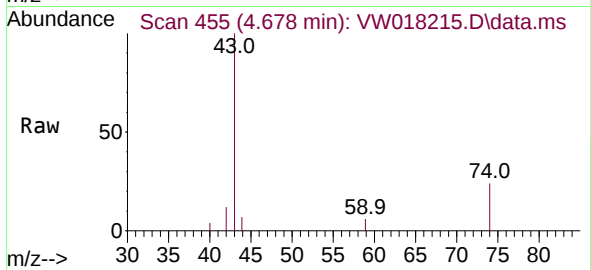




#15
Methyl Acetate
Concen: 4.55 ug/L
RT: 4.678 min Scan# 455
Delta R.T. 0.006 min
Lab File: VW018215.D
Acq: 22 Feb 2021 10:33

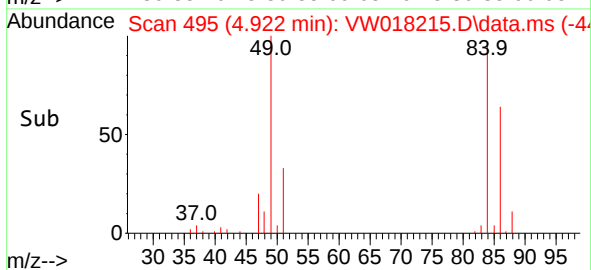
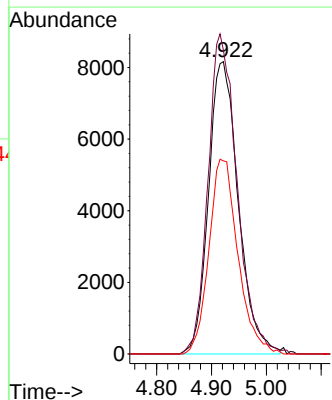
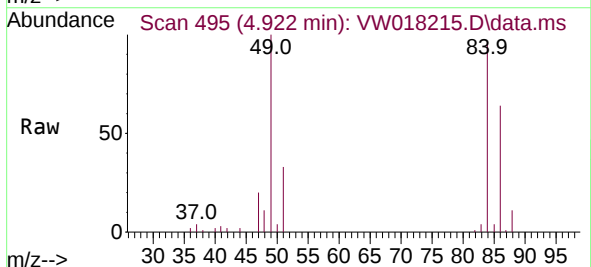
Instrument :
MSVOA_W
ClientSampled :

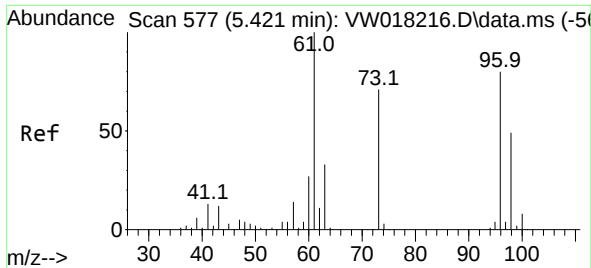
Tgt Ion: 43 Resp: 8428
Ion Ratio Lower Upper
43 100
74 27.6 22.1 33.1



#16
Methylene chloride
Concen: 5.15 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW018215.D
Acq: 22 Feb 2021 10:33

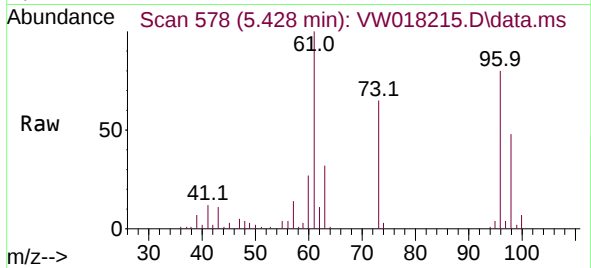
Tgt Ion: 84 Resp: 30846
Ion Ratio Lower Upper
84 100
49 103.9 70.8 131.4
86 66.1 45.4 84.4



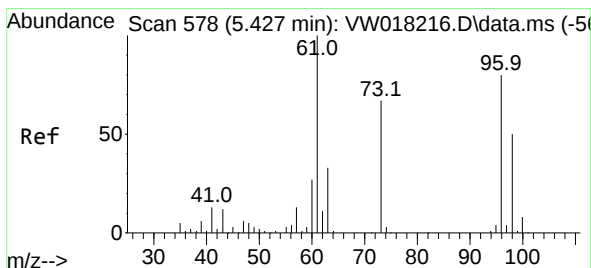
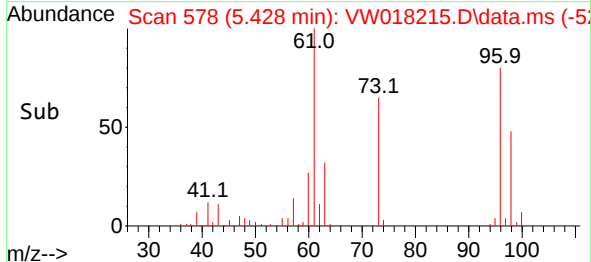
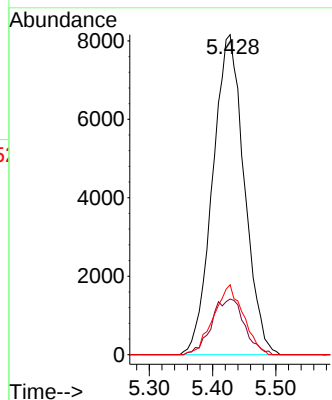


#17
Methyl tert-butyl Ether
Concen: 4.76 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW018215.D
Acq: 22 Feb 2021 10:33

Instrument :
MSVOA_W
ClientSampled :

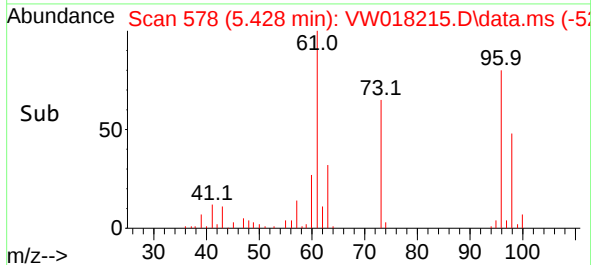
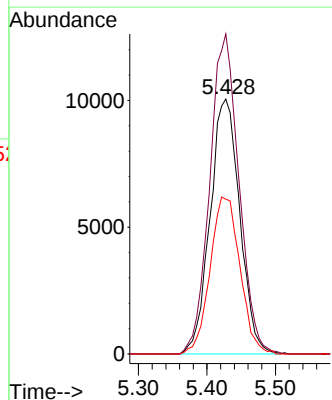
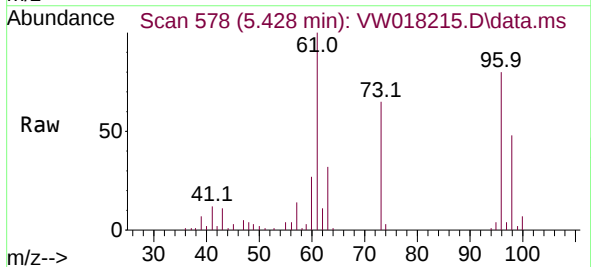


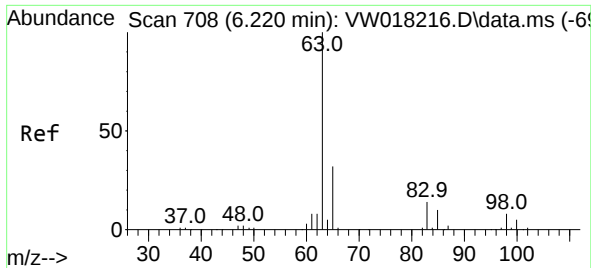
Tgt Ion: 73 Resp: 28227
Ion Ratio Lower Upper
73 100
43 7.4 14.0 21.0#
57 20.6 15.9 23.9



#18
trans-1,2-Dichloroethene
Concen: 5.02 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW018215.D
Acq: 22 Feb 2021 10:33

Tgt Ion: 96 Resp: 30235
Ion Ratio Lower Upper
96 100
61 125.5 87.9 163.3
98 60.7 43.8 81.3





#19

1,1-Dichloroethane

Concen: 4.99 ug/L

RT: 6.214 min Scan# 707

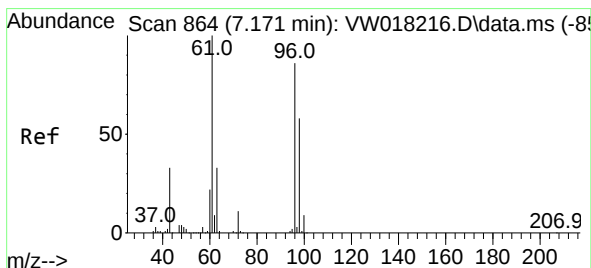
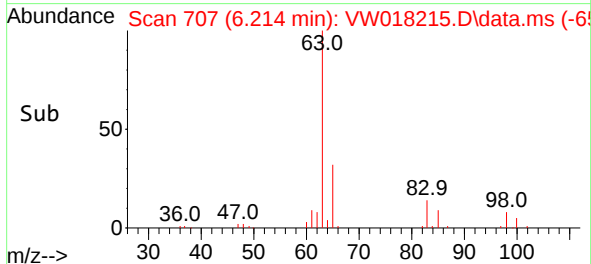
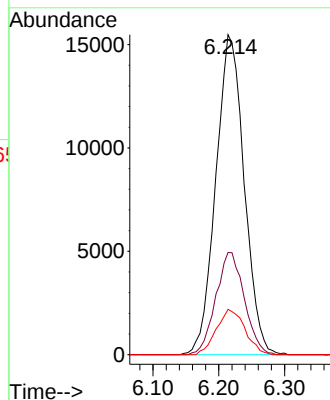
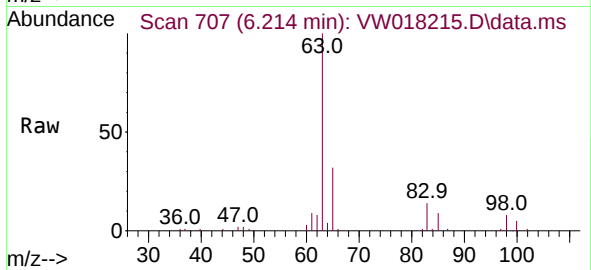
Delta R.T. -0.006 min

Lab File: VW018215.D

Acq: 22 Feb 2021 10:33

Tgt Ion:	63	Resp:	46446
Ion	Ratio	Lower	Upper
63	100		
65	31.9	22.7	42.1
83	14.2	9.9	18.3

Instrument :
MSVOA_W
ClientSampleId :



#21

2-Butanone

Concen: 9.00 ug/L

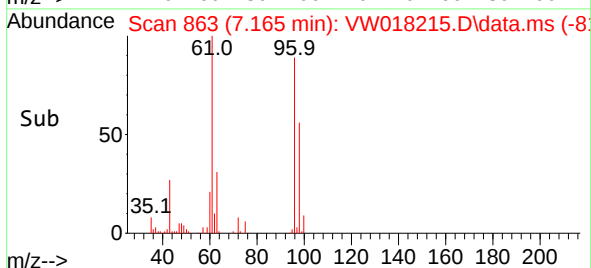
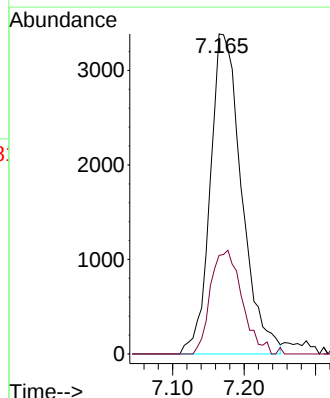
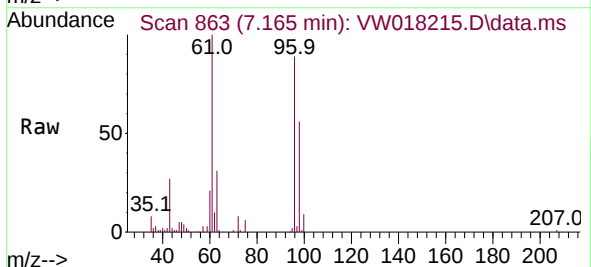
RT: 7.165 min Scan# 863

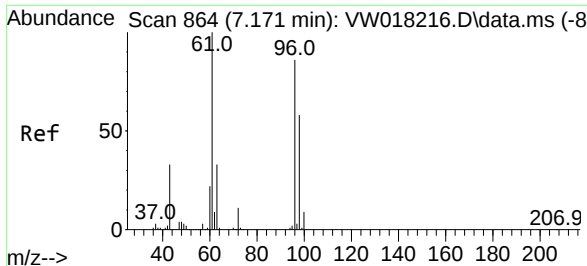
Delta R.T. -0.006 min

Lab File: VW018215.D

Acq: 22 Feb 2021 10:33

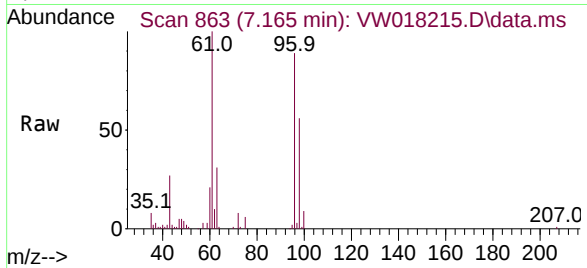
Tgt Ion:	43	Resp:	10334
Ion	Ratio	Lower	Upper
43	100		
72	31.8	16.4	49.1



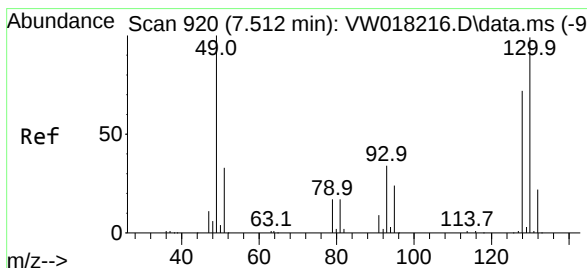
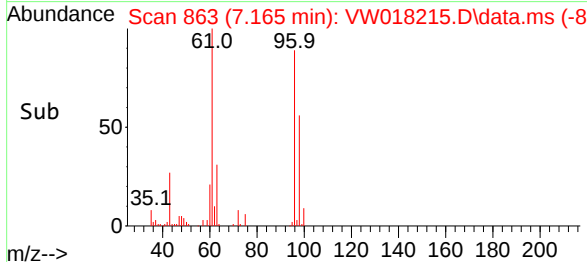
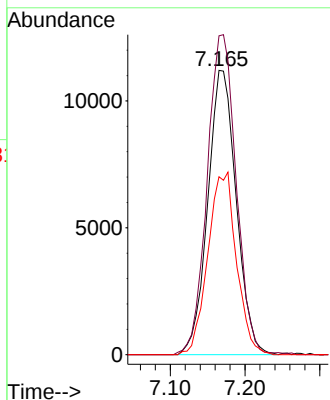


#22
 cis-1,2-Dichloroethene
 Concen: 4.87 ug/L
 RT: 7.165 min Scan# 863
 Delta R.T. -0.006 min
 Lab File: VW018215.D
 Acq: 22 Feb 2021 10:33

Instrument :
 MSVOA_W
 ClientSampled :

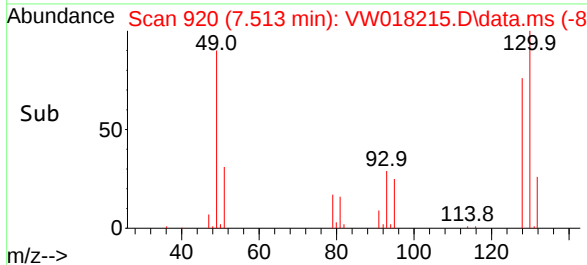
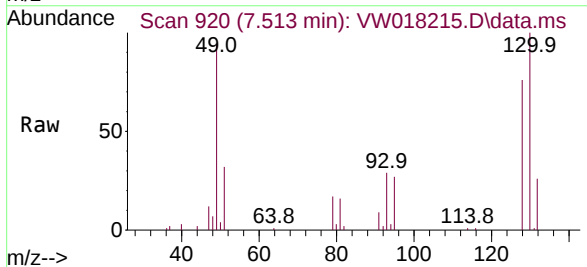
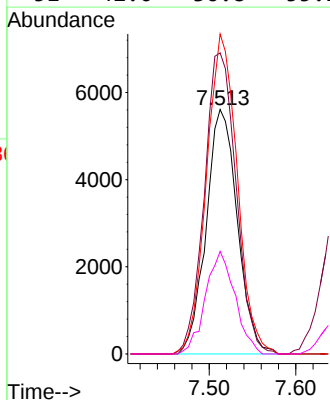


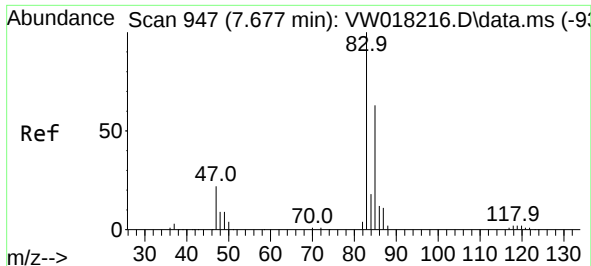
Tgt Ion: 96 Resp: 29754
 Ion Ratio Lower Upper
 96 100
 61 112.2 81.1 150.7
 98 62.6 47.0 87.4



#23
 Bromochloromethane
 Concen: 4.95 ug/L
 RT: 7.513 min Scan# 920
 Delta R.T. 0.000 min
 Lab File: VW018215.D
 Acq: 22 Feb 2021 10:33

Tgt Ion: 128 Resp: 14047
 Ion Ratio Lower Upper
 128 100
 49 123.2 97.1 180.3
 130 130.9 95.6 177.6
 51 42.0 36.8 55.2

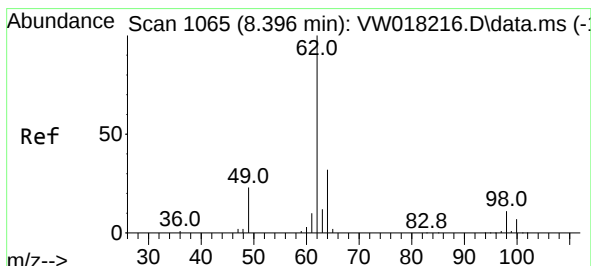
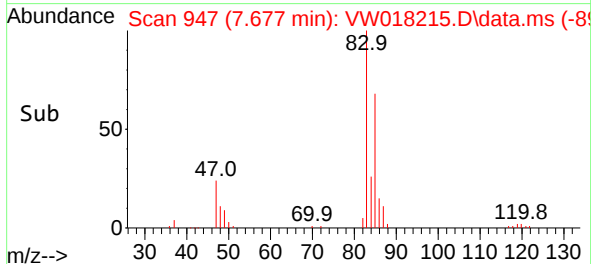
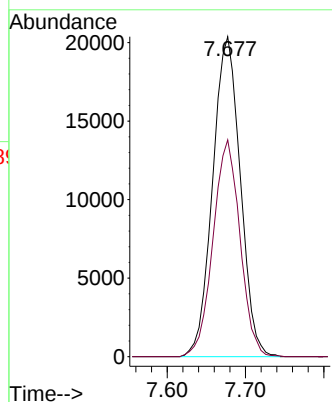
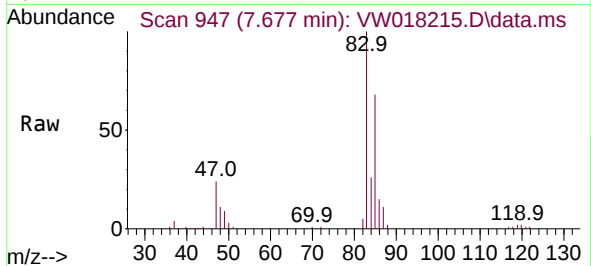




#25
Chloroform
Concen: 4.97 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW018215.D
Acq: 22 Feb 2021 10:33

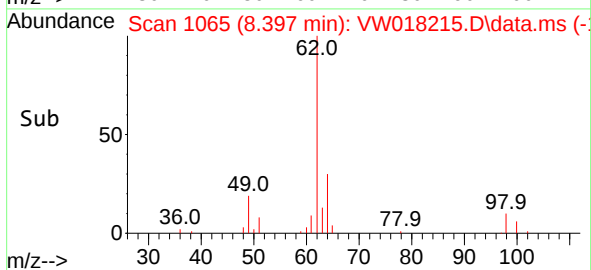
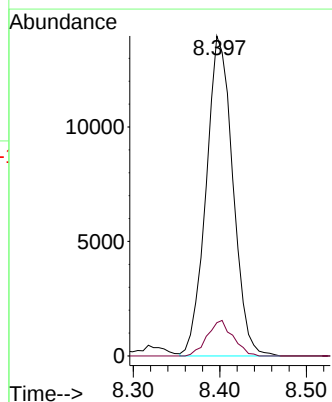
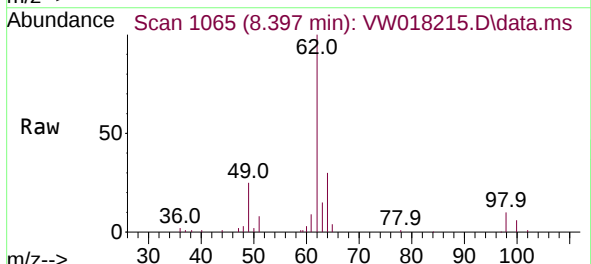
Instrument :
MSVOA_W
ClientSampled :

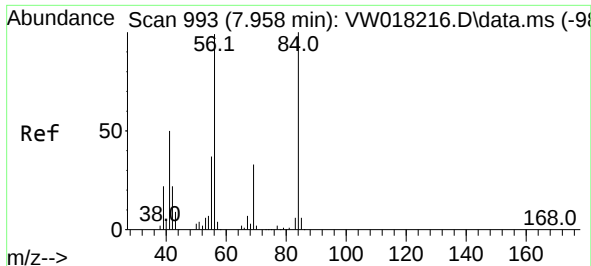
Tgt Ion: 83 Resp: 49968
Ion Ratio Lower Upper
83 100
85 66.0 45.6 84.8



#27
1,2-Dichloroethane
Concen: 4.95 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW018215.D
Acq: 22 Feb 2021 10:33

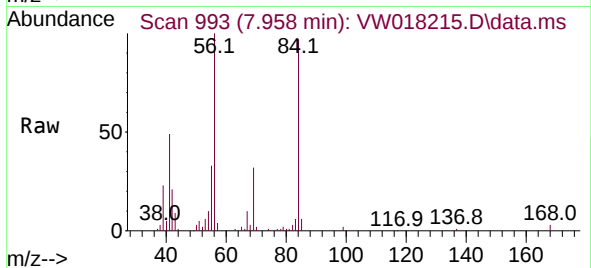
Tgt Ion: 62 Resp: 29958
Ion Ratio Lower Upper
62 100
98 10.4 8.4 12.6



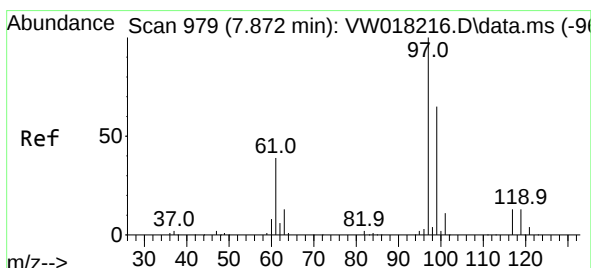
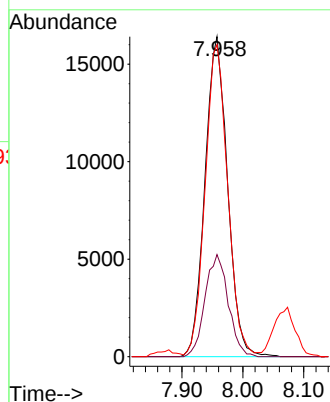
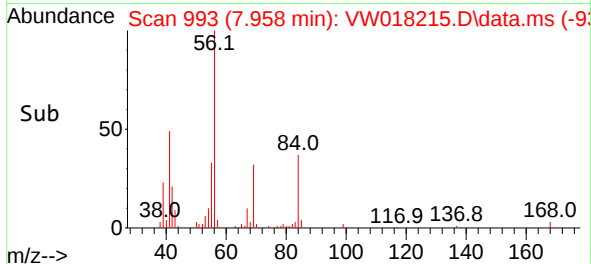


#30
Cyclohexane
Concen: 5.06 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW018215.D
Acq: 22 Feb 2021 10:33

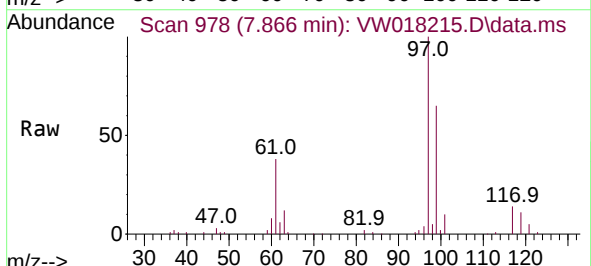
Instrument :
MSVOA_W
ClientSampleId :



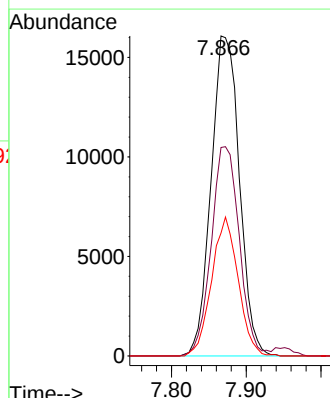
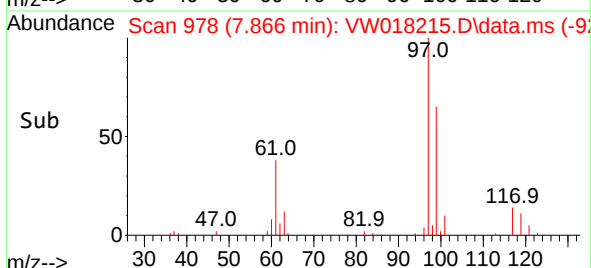
Tgt Ion: 56 Resp: 42307
Ion Ratio Lower Upper
56 100
69 32.7 26.7 40.1
84 97.1 79.4 119.2

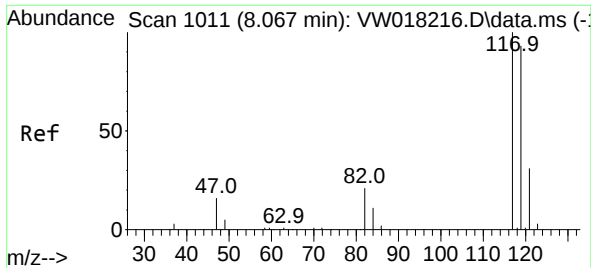


#31
1,1,1-Trichloroethane
Concen: 5.11 ug/L
RT: 7.866 min Scan# 978
Delta R.T. -0.006 min
Lab File: VW018215.D
Acq: 22 Feb 2021 10:33



Tgt Ion: 97 Resp: 42264
Ion Ratio Lower Upper
97 100
99 65.2 52.0 78.0
61 40.6 32.0 48.0

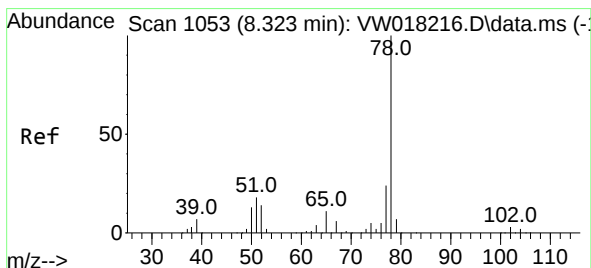
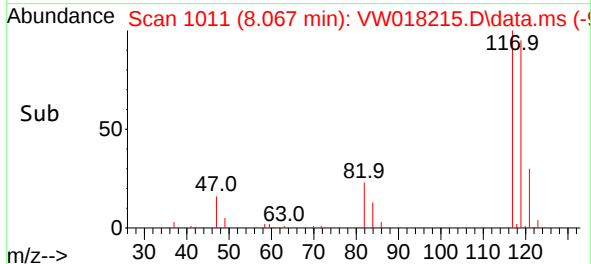
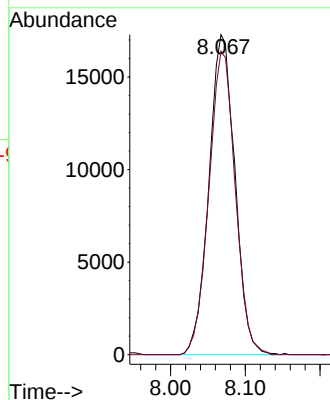
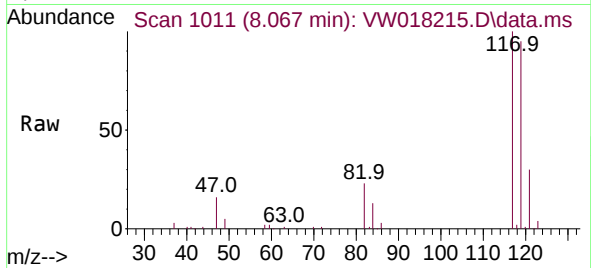




#32
Carbon tetrachloride
Concen: 5.14 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW018215.D
Acq: 22 Feb 2021 10:33

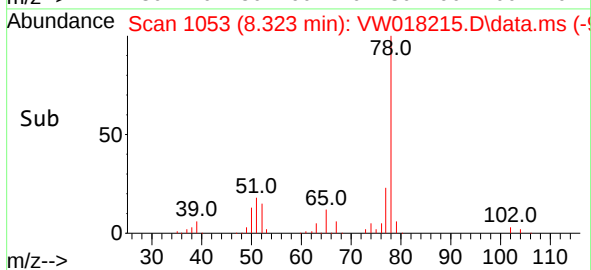
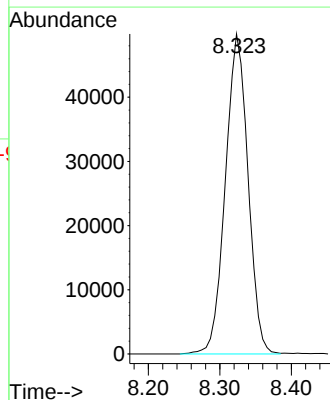
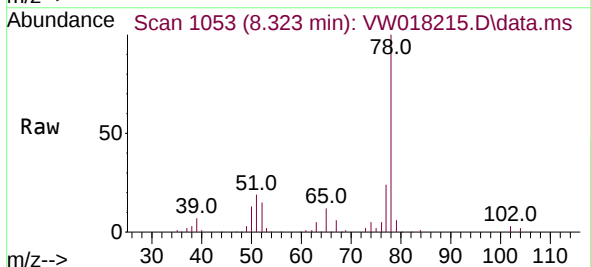
Instrument :
MSVOA_W
ClientSampleId :

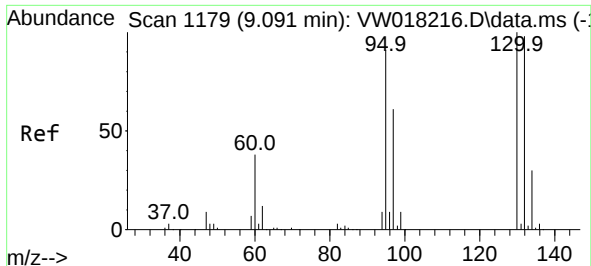
Tgt Ion:117 Resp: 41798
Ion Ratio Lower Upper
117 100
119 96.1 76.6 114.8



#34
Benzene
Concen: 5.10 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW018215.D
Acq: 22 Feb 2021 10:33

Tgt Ion: 78 Resp: 109657

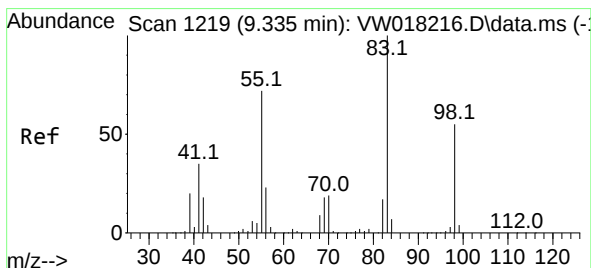
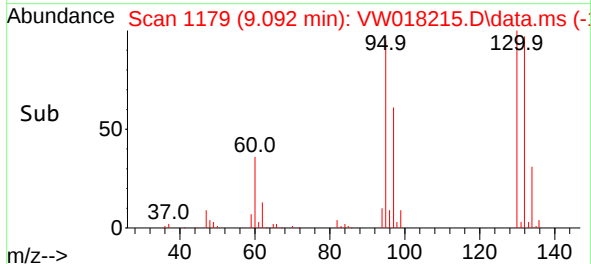
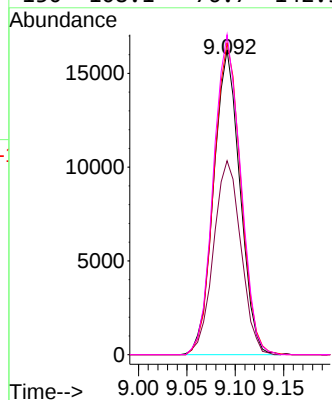
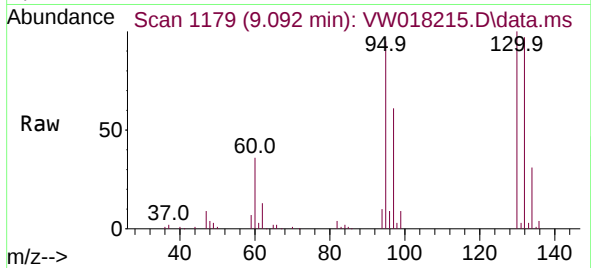




#35
Trichloroethene
Concen: 5.10 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW018215.D
Acq: 22 Feb 2021 10:33

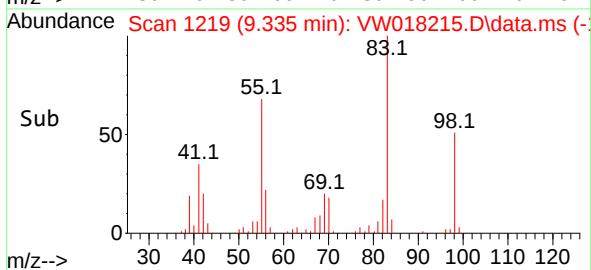
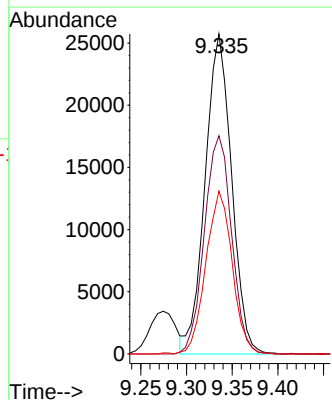
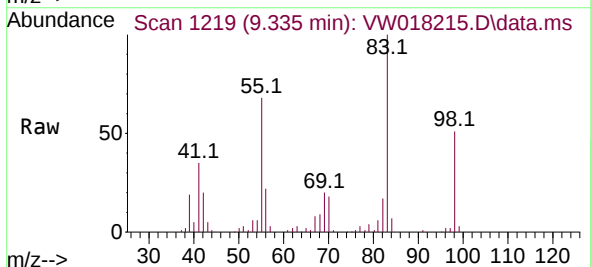
Instrument :
MSVOA_W
ClientSampled :

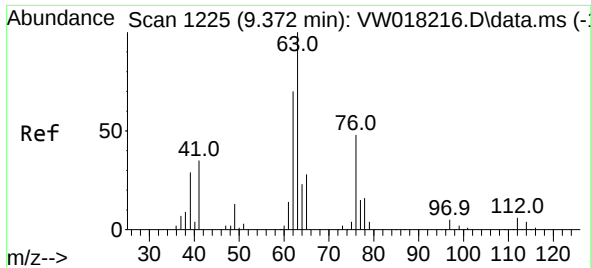
Tgt Ion: 95 Resp: 30719
Ion Ratio Lower Upper
95 100
97 66.2 46.1 85.5
132 104.4 73.6 136.8
130 108.1 76.7 142.5



#36
Methylcyclohexane
Concen: 5.06 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW018215.D
Acq: 22 Feb 2021 10:33

Tgt Ion: 83 Resp: 51838
Ion Ratio Lower Upper
83 100
55 69.8 55.4 83.0
98 50.6 40.6 61.0

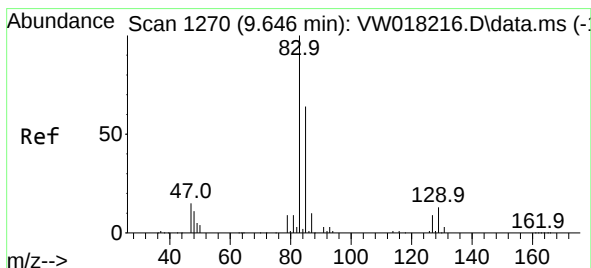
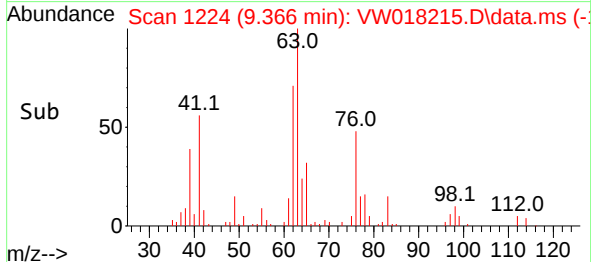
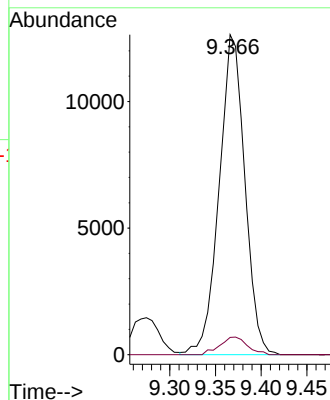
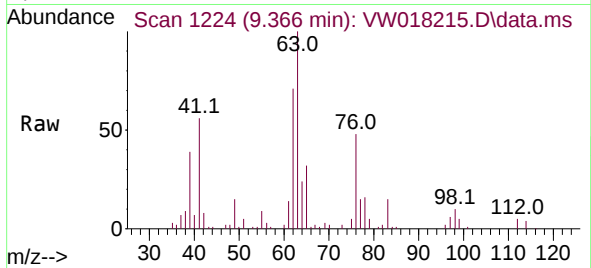




#40
1,2-Dichloropropane
Concen: 4.99 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. -0.006 min
Lab File: VW018215.D
Acq: 22 Feb 2021 10:33

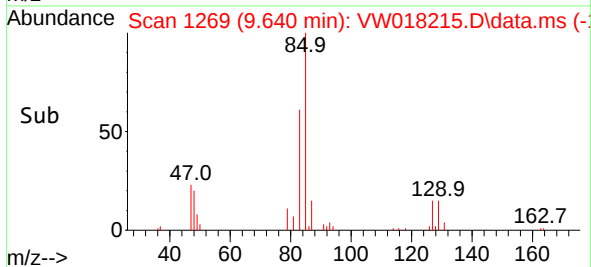
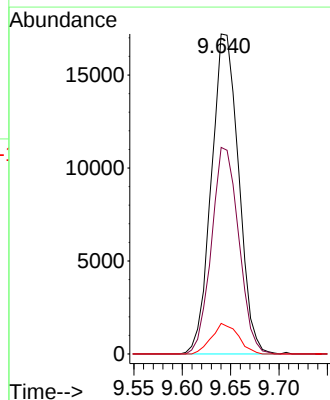
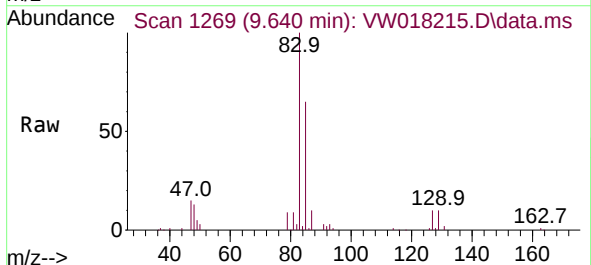
Instrument :
MSVOA_W
ClientSampled :

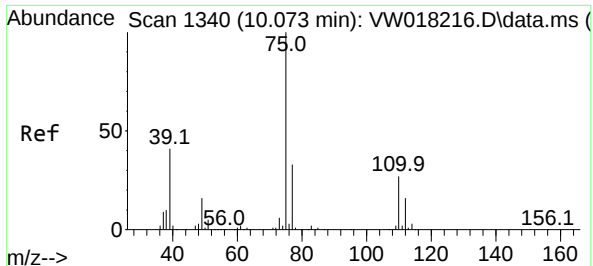
Tgt Ion: 63 Resp: 24690
Ion Ratio Lower Upper
63 100
112 5.9 4.2 6.4



#41
Bromodichloromethane
Concen: 4.83 ug/L
RT: 9.640 min Scan# 1269
Delta R.T. -0.006 min
Lab File: VW018215.D
Acq: 22 Feb 2021 10:33

Tgt Ion: 83 Resp: 33678
Ion Ratio Lower Upper
83 100
85 64.5 44.9 83.3
127 9.6 7.6 11.4

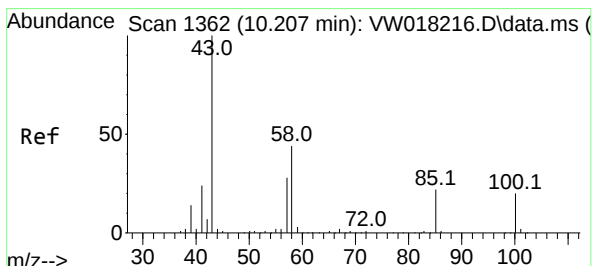
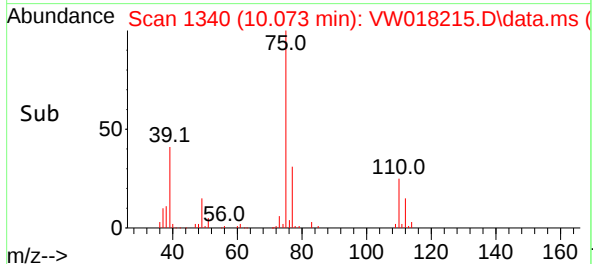
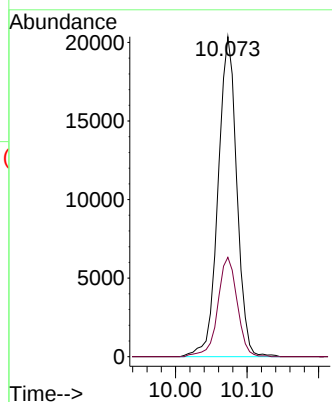
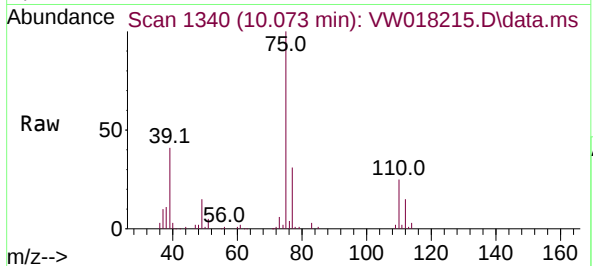




#42
cis-1,3-Dichloropropene
Concen: 4.69 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW018215.D
Acq: 22 Feb 2021 10:33

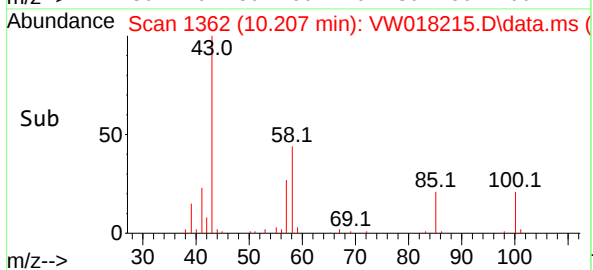
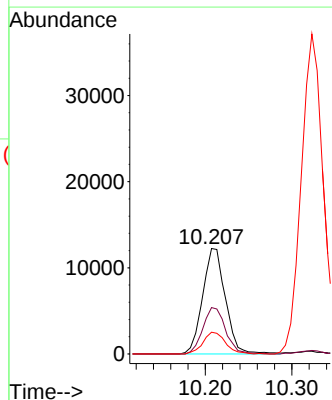
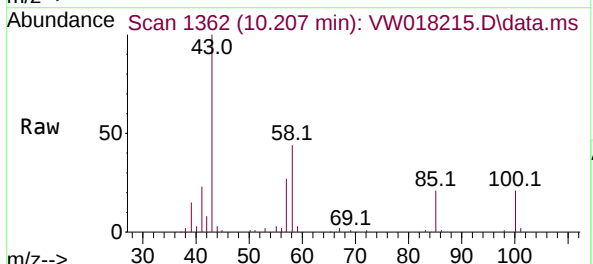
Instrument :
MSVOA_W
ClientSampled :

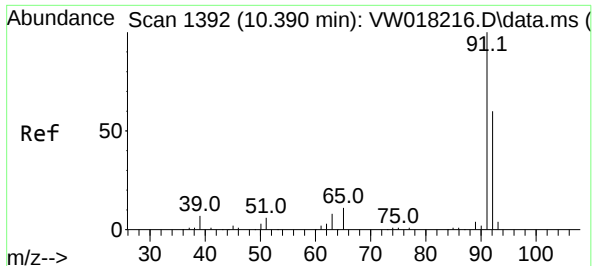
Tgt Ion: 75 Resp: 37077
Ion Ratio Lower Upper
75 100
77 31.1 22.9 42.5



#43
4-Methyl-2-pentanone
Concen: 8.97 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. 0.000 min
Lab File: VW018215.D
Acq: 22 Feb 2021 10:33

Tgt Ion: 43 Resp: 22389
Ion Ratio Lower Upper
43 100
58 43.7 35.4 53.0
100 20.2 16.7 25.1





#44

Toluene

Concen: 5.11 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. 0.000 min

Lab File: VW018215.D

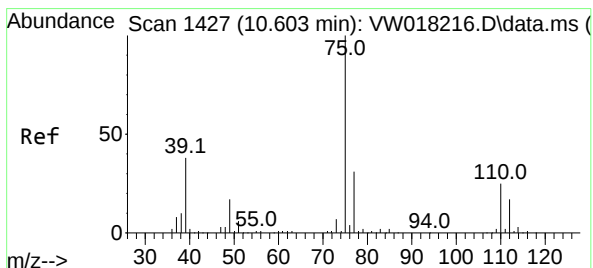
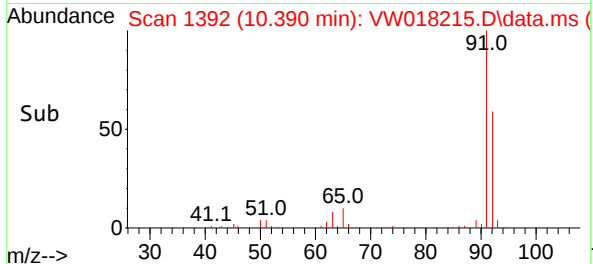
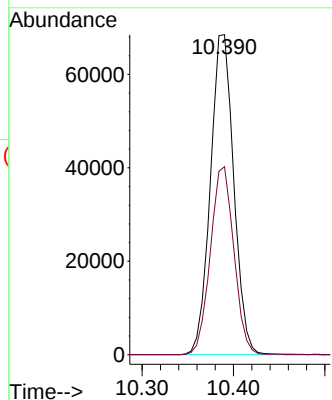
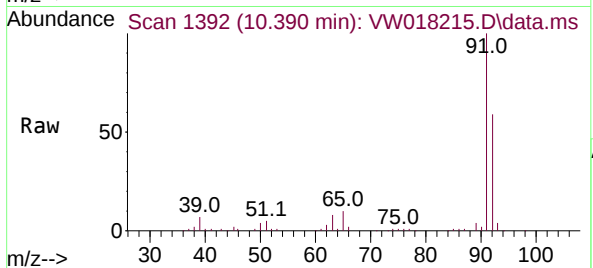
Acq: 22 Feb 2021 10:33

Tgt Ion: 91 Resp: 121742

Ion Ratio Lower Upper

91 100

92 58.8 41.9 77.9



#45

trans-1,3-Dichloropropene

Concen: 4.53 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VW018215.D

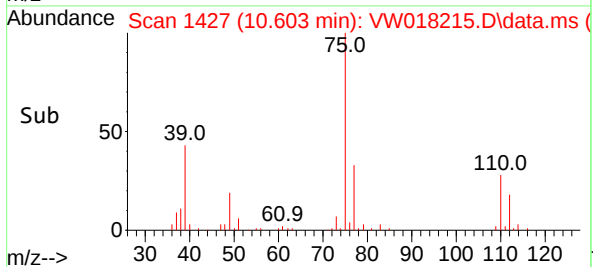
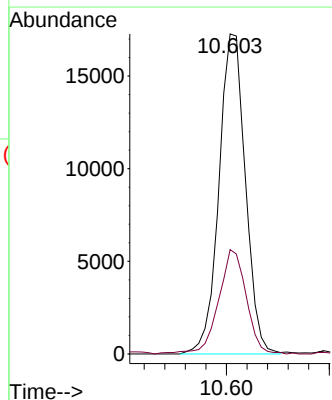
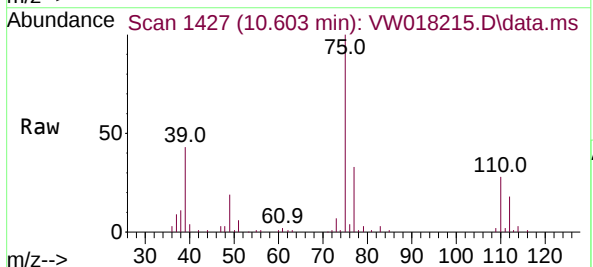
Acq: 22 Feb 2021 10:33

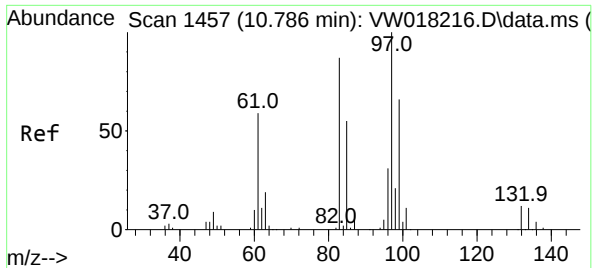
Tgt Ion: 75 Resp: 30806

Ion Ratio Lower Upper

75 100

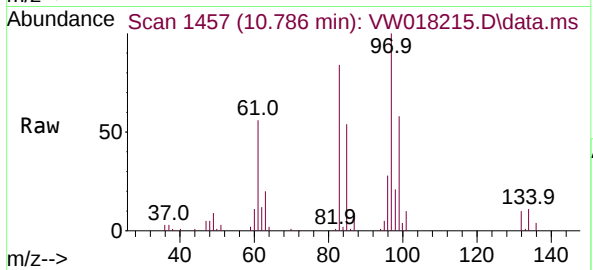
77 32.6 21.8 40.4



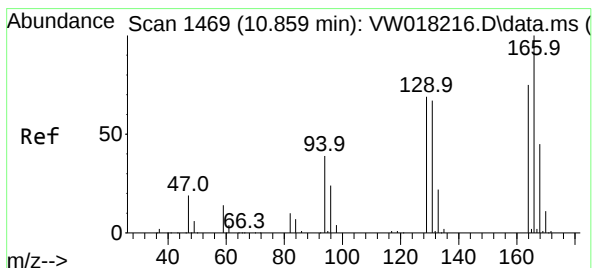
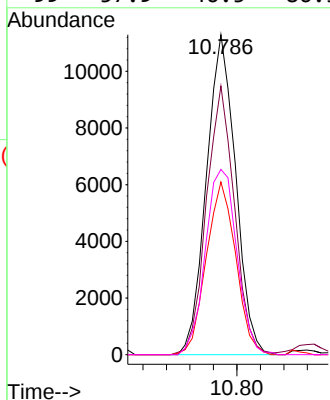
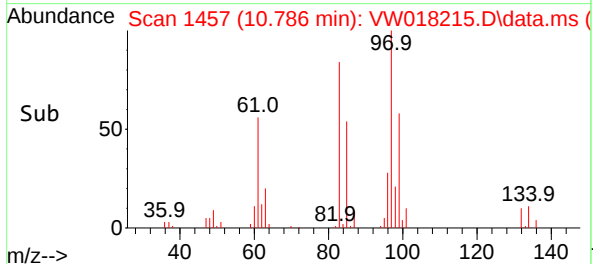


#46
1,1,2-Trichloroethane
Concen: 4.87 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW018215.D
Acq: 22 Feb 2021 10:33

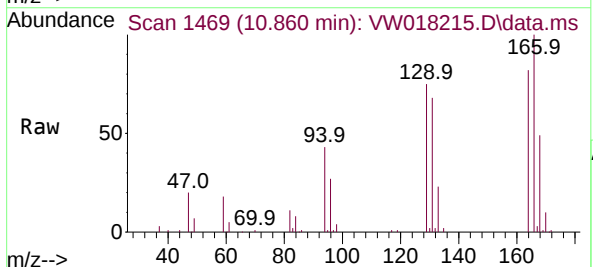
Instrument :
MSVOA_W
ClientSampled :



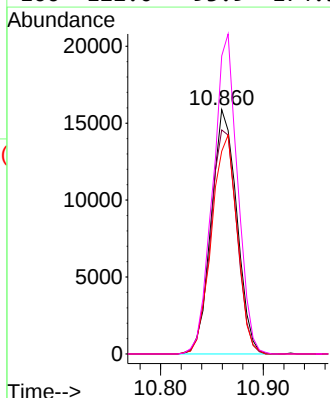
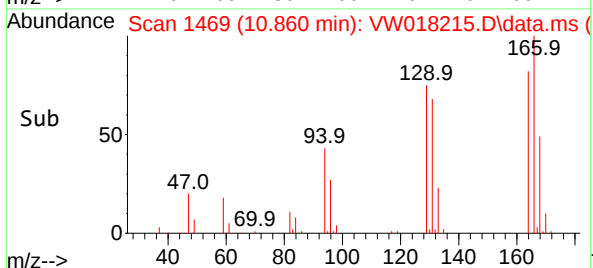
Tgt Ion:	97	Resp:	19501
Ion	Ratio	Lower	Upper
97	100		
83	83.9	60.9	113.1
85	53.9	38.6	71.6
99	57.9	46.5	86.5

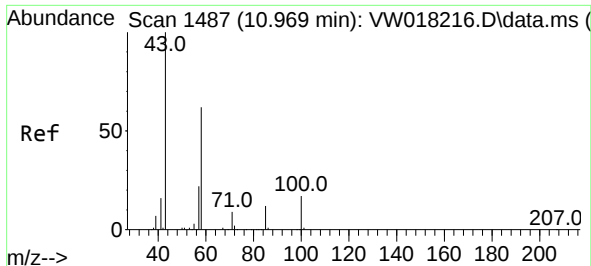


#47
Tetrachloroethene
Concen: 5.15 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW018215.D
Acq: 22 Feb 2021 10:33



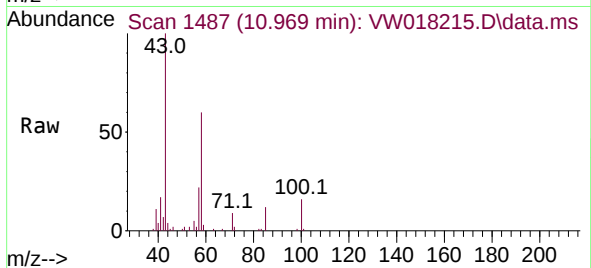
Tgt Ion:	164	Resp:	27380
Ion	Ratio	Lower	Upper
164	100		
129	91.7	65.0	120.6
131	82.9	62.9	116.9
166	122.0	93.9	174.3



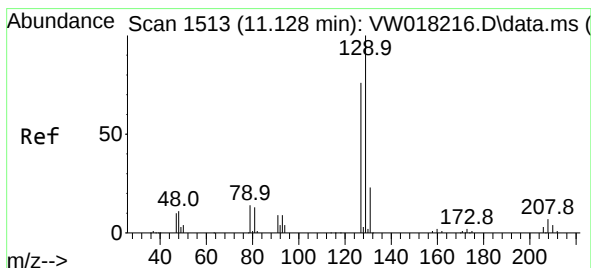
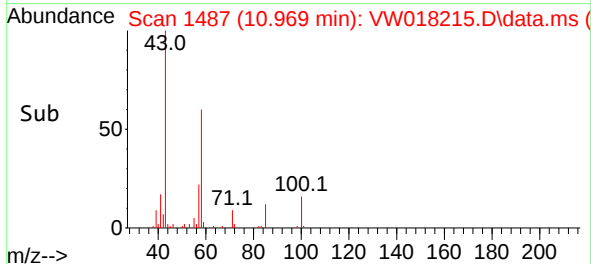
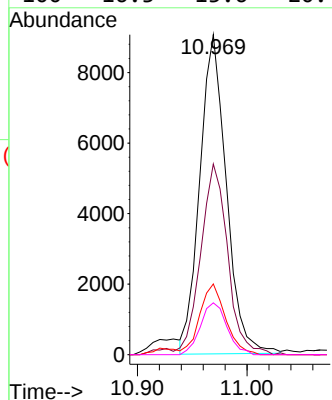


#49
2-Hexanone
Concen: 8.98 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW018215.D
Acq: 22 Feb 2021 10:33

Instrument :
MSVOA_W
ClientSampled :

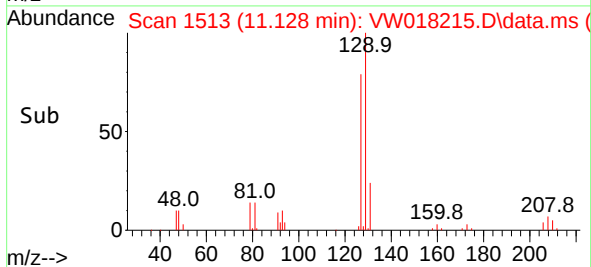
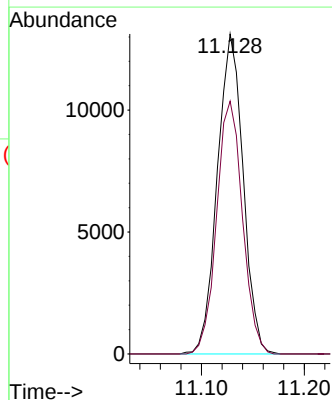
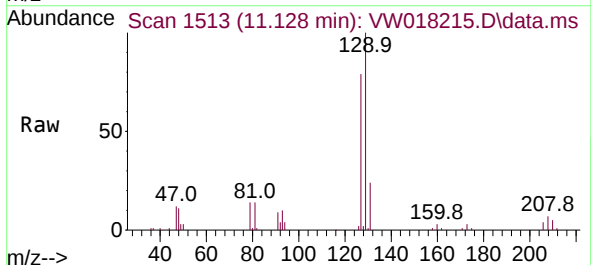


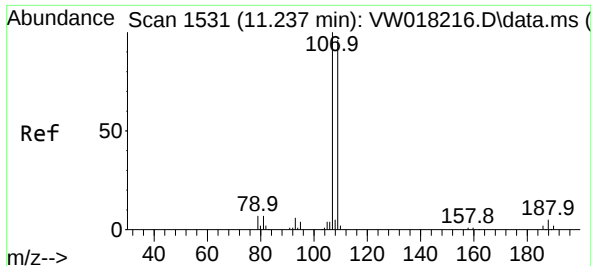
Tgt Ion:	43	Resp:	15253
Ion	Ratio	Lower	Upper
43	100		
58	60.6	50.0	75.0
57	21.6	17.6	26.4
100	16.3	13.6	20.4



#50
Dibromochloromethane
Concen: 4.59 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW018215.D
Acq: 22 Feb 2021 10:33

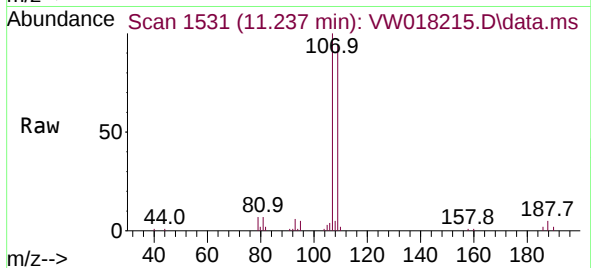
Tgt Ion:	129	Resp:	22841
Ion	Ratio	Lower	Upper
129	100		
127	79.0	52.9	98.3



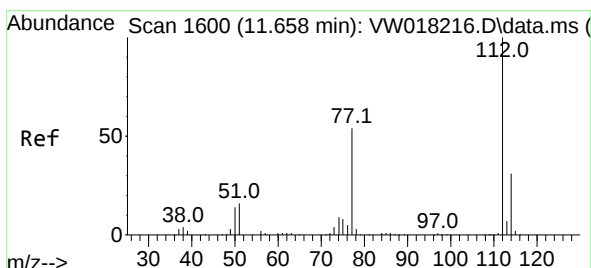
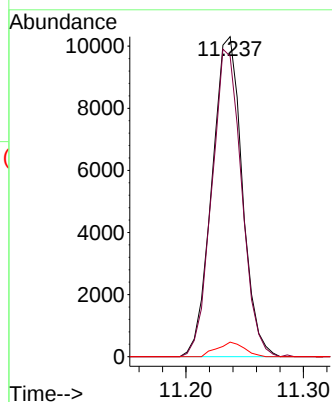
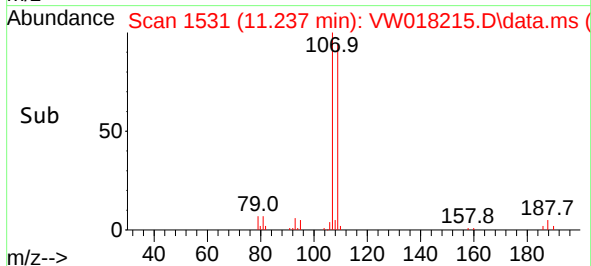


#51
1,2-Dibromoethane
Concen: 4.71 ug/L
RT: 11.237 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VW018215.D
Acq: 22 Feb 2021 10:33

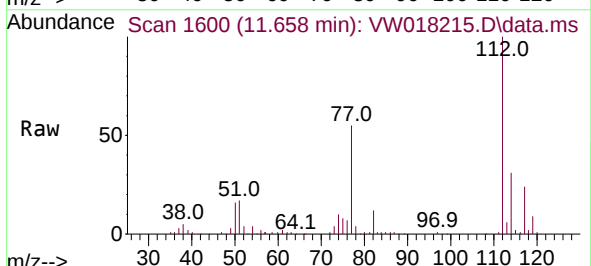
Instrument :
MSVOA_W
ClientSampleId :



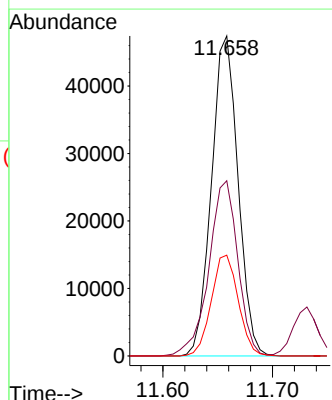
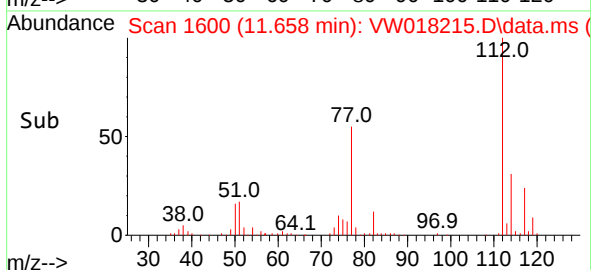
Tgt Ion:107 Resp: 18411
Ion Ratio Lower Upper
107 100
109 93.9 67.1 124.7
188 4.6 3.8 5.8

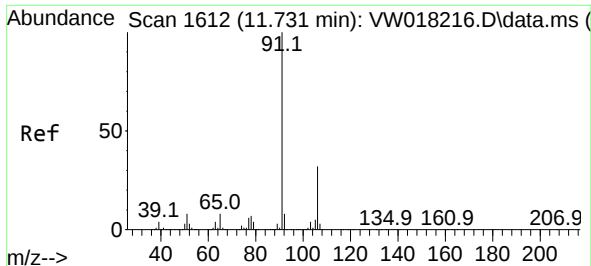


#52
Chlorobenzene
Concen: 5.05 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW018215.D
Acq: 22 Feb 2021 10:33



Tgt Ion:112 Resp: 79883
Ion Ratio Lower Upper
112 100
77 54.8 43.0 64.4
114 31.5 21.6 40.0

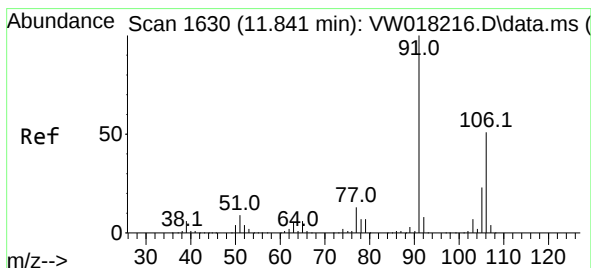
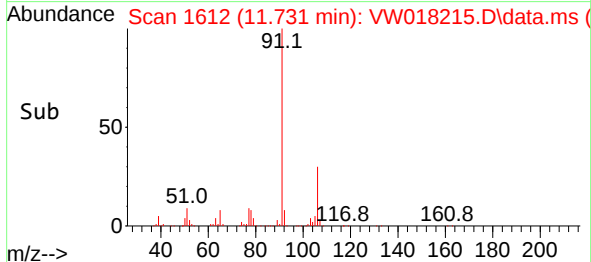
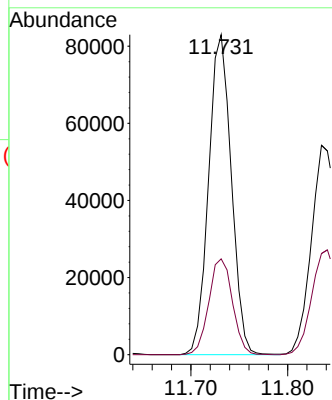
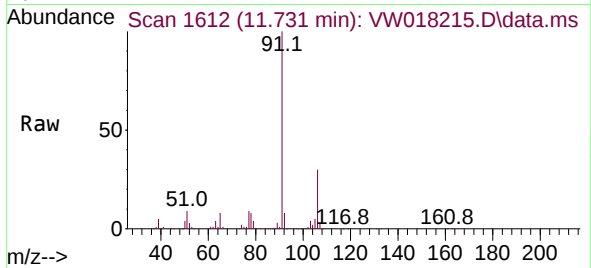




#53
Ethylbenzene
Concen: 5.05 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW018215.D
Acq: 22 Feb 2021 10:33

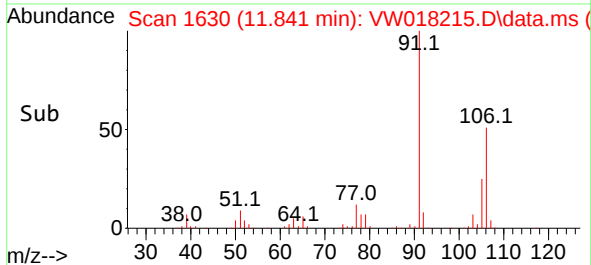
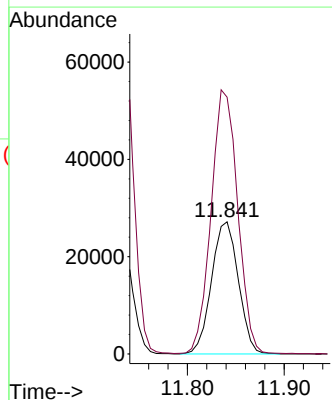
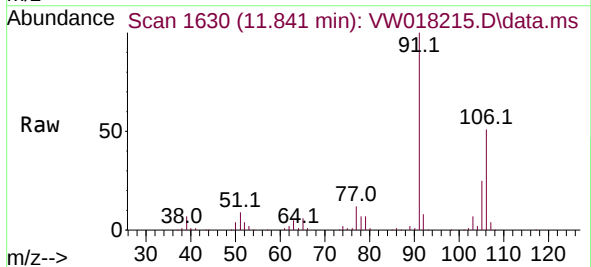
Instrument :
MSVOA_W
ClientSampled :

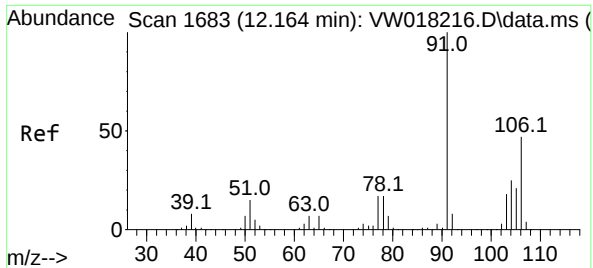
Tgt Ion: 91 Resp: 135437
Ion Ratio Lower Upper
91 100
106 29.9 22.4 41.6



#54
m,p-Xylene
Concen: 5.01 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW018215.D
Acq: 22 Feb 2021 10:33

Tgt Ion:106 Resp: 52363
Ion Ratio Lower Upper
106 100
91 194.3 137.7 255.7

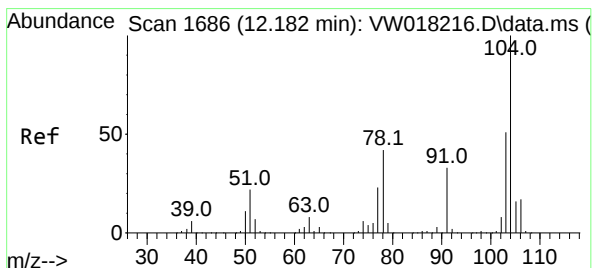
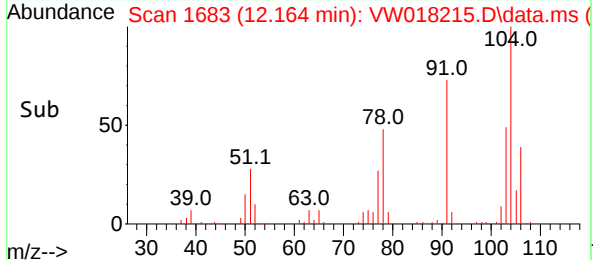
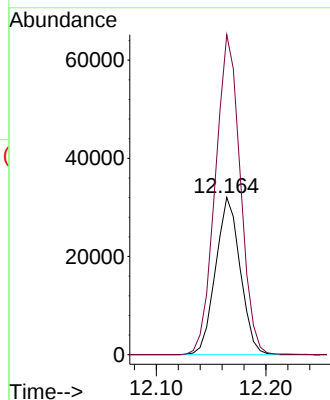
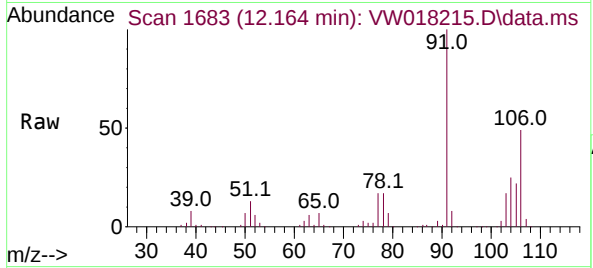




#55
o-xylene
Concen: 5.06 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW018215.D
Acq: 22 Feb 2021 10:33

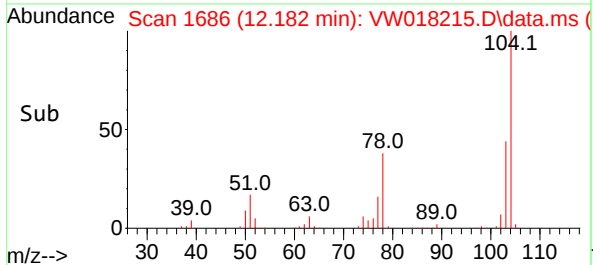
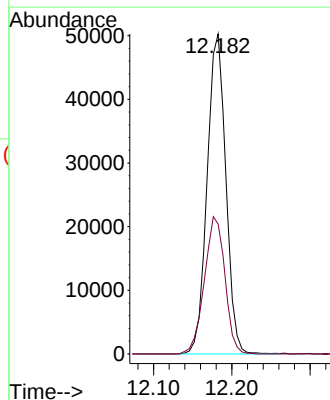
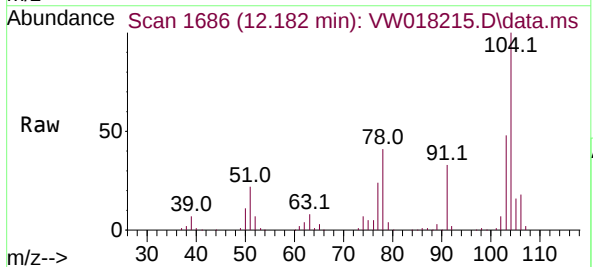
Instrument :
MSVOA_W
ClientSampled :

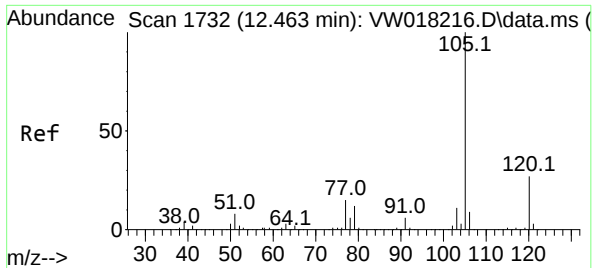
Tgt Ion:106 Resp: 49984
Ion Ratio Lower Upper
106 100
91 203.5 148.9 276.5



#56
Styrene
Concen: 4.99 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW018215.D
Acq: 22 Feb 2021 10:33

Tgt Ion:104 Resp: 83203
Ion Ratio Lower Upper
104 100
78 40.6 29.6 55.0

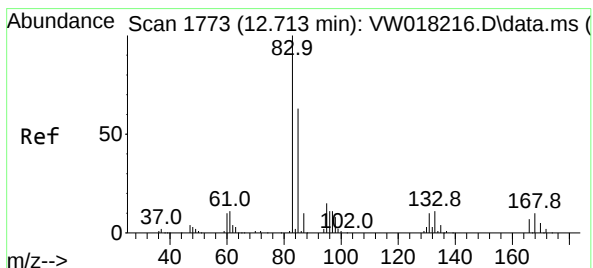
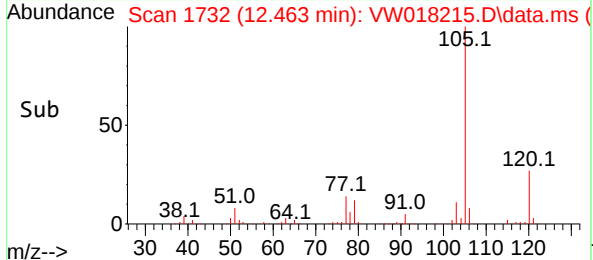
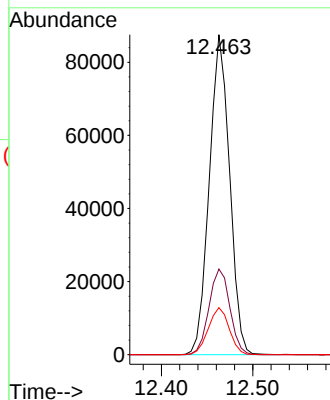
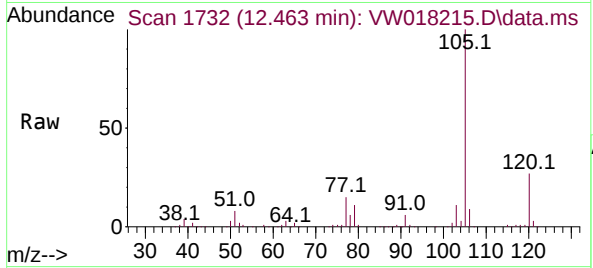




#57
Isopropylbenzene
Concen: 5.01 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW018215.D
Acq: 22 Feb 2021 10:33

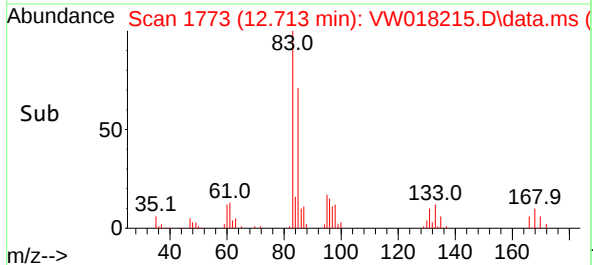
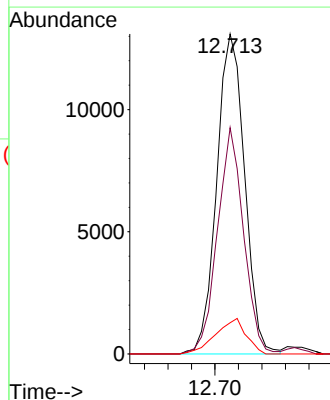
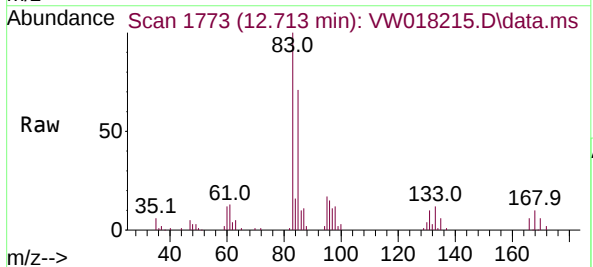
Instrument :
MSVOA_W
ClientSampled :

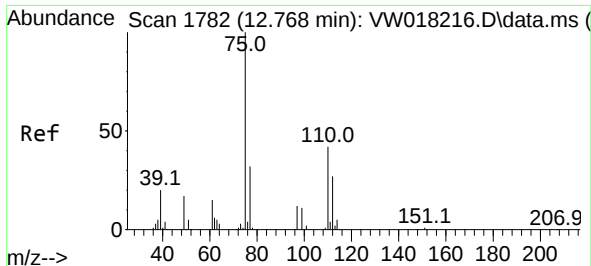
Tgt Ion:105 Resp: 134802
Ion Ratio Lower Upper
105 100
120 27.5 21.5 32.3
77 15.1 11.7 17.5



#58
1,1,2,2-Tetrachloroethane
Concen: 4.87 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW018215.D
Acq: 22 Feb 2021 10:33

Tgt Ion: 83 Resp: 21612
Ion Ratio Lower Upper
83 100
85 70.7 44.3 82.3
131 9.7 8.1 12.1





#59

1,2,3-Trichloropropane

Concen: 4.84 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VW018215.D

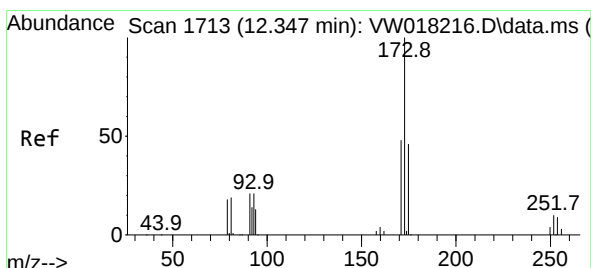
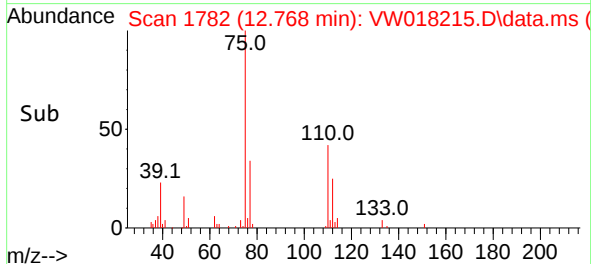
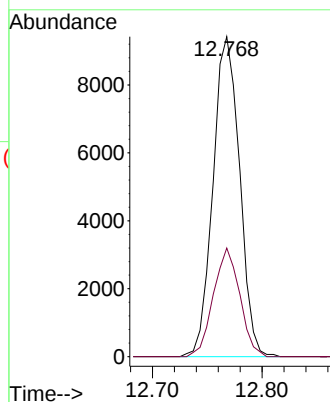
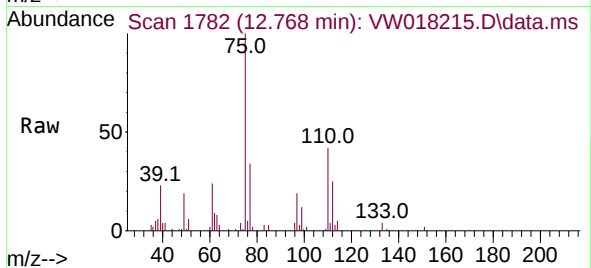
Acq: 22 Feb 2021 10:33

Tgt Ion: 75 Resp: 15874

Ion Ratio Lower Upper

75 100

77 33.7 26.0 39.0



#62

Bromoform

Concen: 4.51 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW018215.D

Acq: 22 Feb 2021 10:33

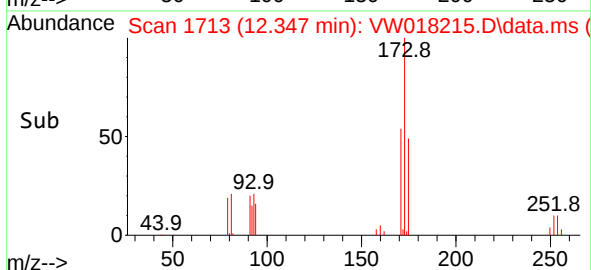
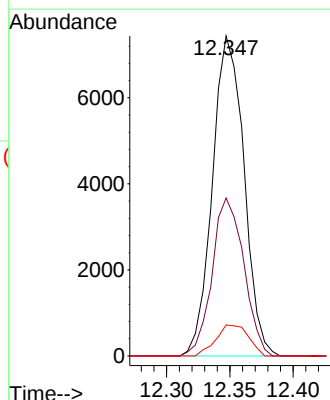
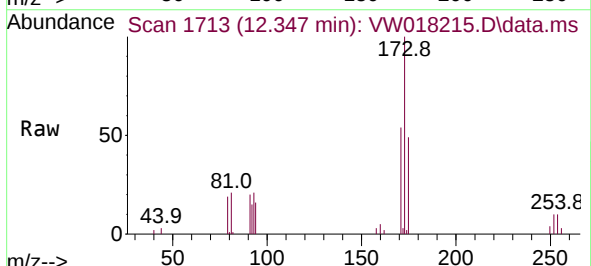
Tgt Ion: 173 Resp: 12895

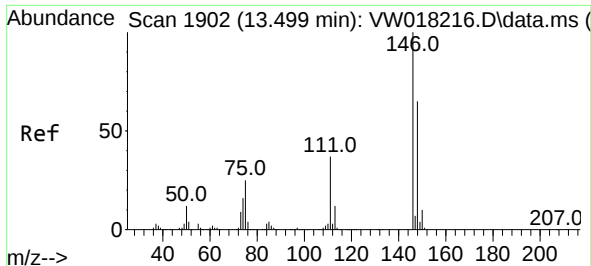
Ion Ratio Lower Upper

173 100

175 49.5 38.0 57.0

254 10.0 8.5 12.7

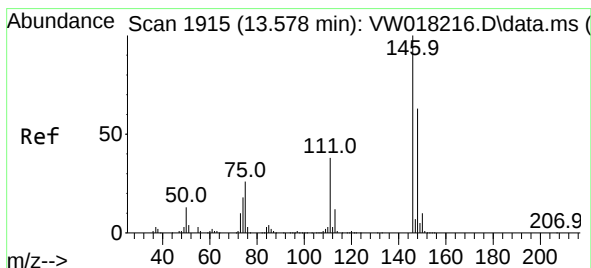
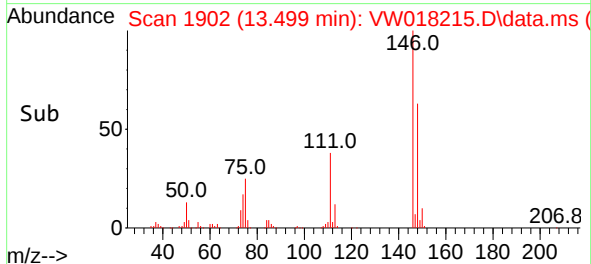
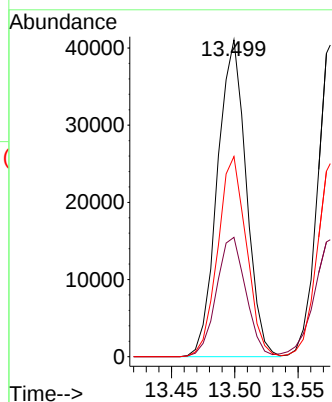
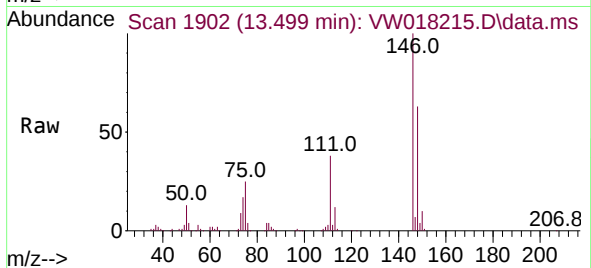




#63
1,3-Dichlorobenzene
Concen: 5.21 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW018215.D
Acq: 22 Feb 2021 10:33

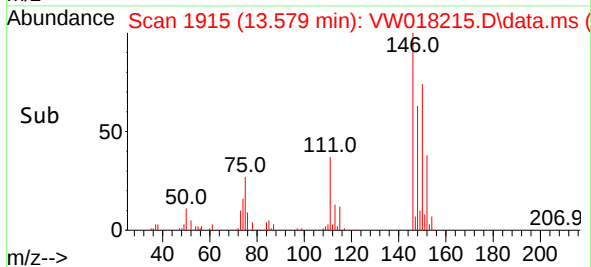
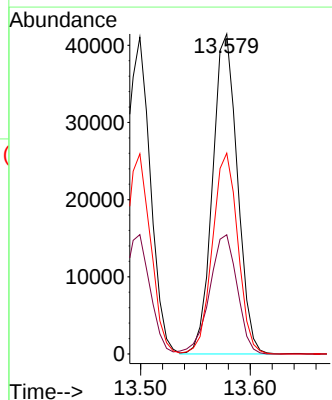
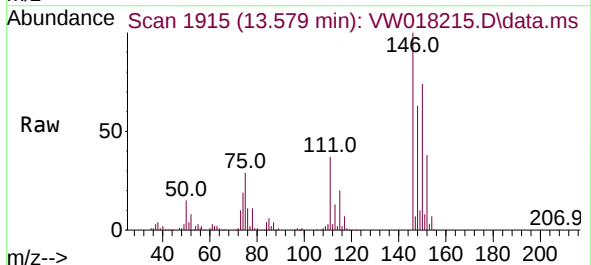
Instrument :
MSVOA_W
ClientSampleId :

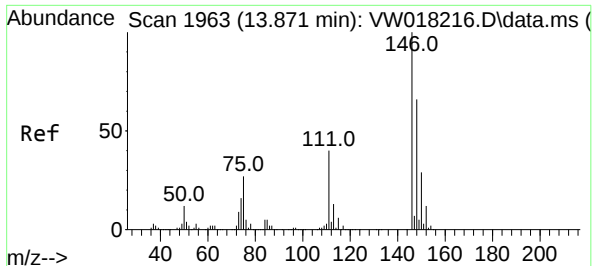
Tgt Ion:146 Resp: 64900
Ion Ratio Lower Upper
146 100
111 37.7 25.8 47.8
148 63.2 45.4 84.4



#64
1,4-Dichlorobenzene
Concen: 5.27 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW018215.D
Acq: 22 Feb 2021 10:33

Tgt Ion:146 Resp: 65429
Ion Ratio Lower Upper
146 100
111 37.2 26.3 48.9
148 62.8 44.2 82.2

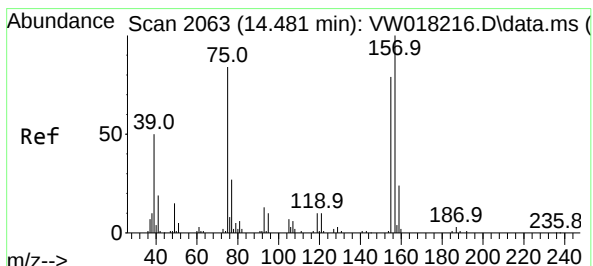
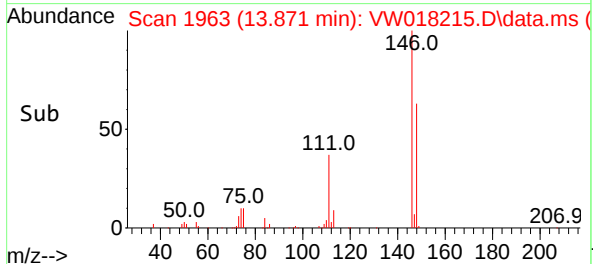
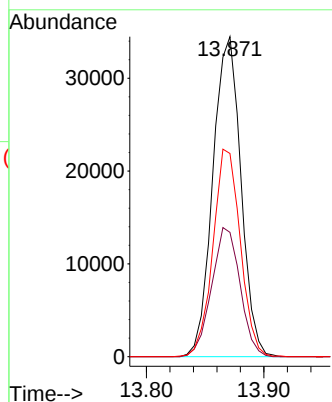
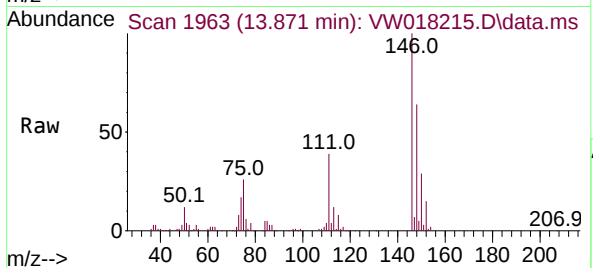




#65
1,2-Dichlorobenzene
Concen: 5.20 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VW018215.D
Acq: 22 Feb 2021 10:33

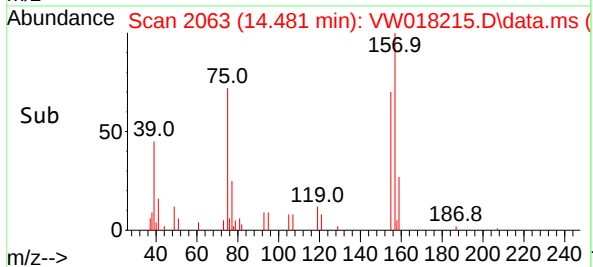
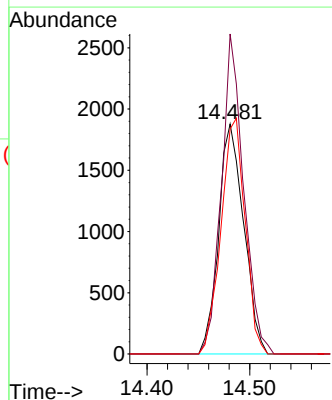
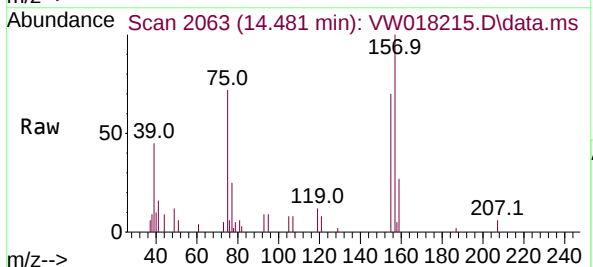
Instrument :
MSVOA_W
ClientSampleId :

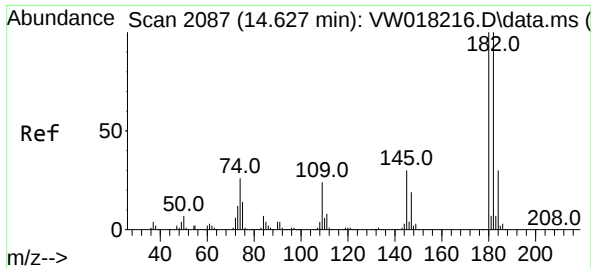
Tgt Ion:146 Resp: 57189
Ion Ratio Lower Upper
146 100
111 38.9 31.7 47.5
148 63.5 53.0 79.4



#66
1,2-Dibromo-3-chloropropane
Concen: 4.57 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW018215.D
Acq: 22 Feb 2021 10:33

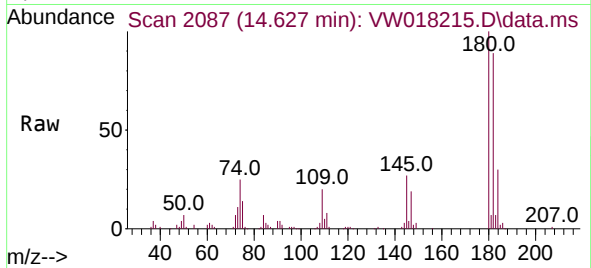
Tgt Ion: 75 Resp: 3179
Ion Ratio Lower Upper
75 100
157 139.1 95.2 142.8
155 97.8 75.6 113.4



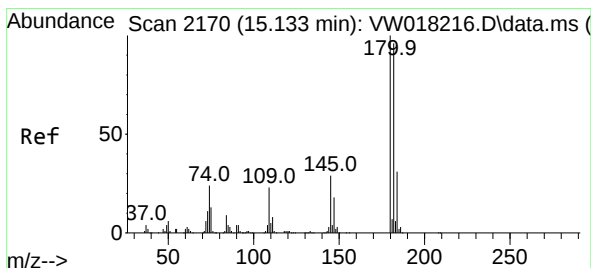
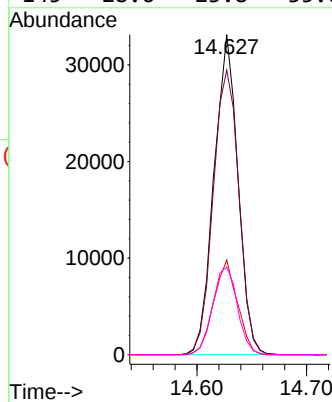
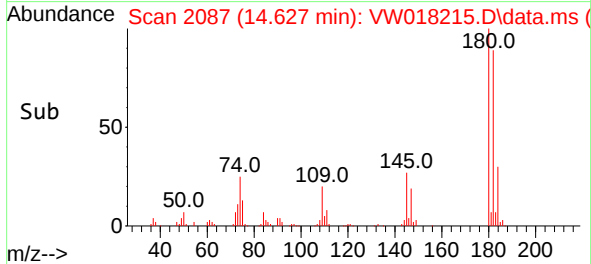


#67
1,3,5-Trichlorobenzene
Concen: 5.21 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW018215.D
Acq: 22 Feb 2021 10:33

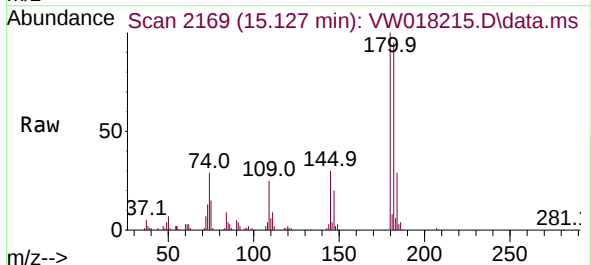
Instrument :
MSVOA_W
ClientSampleId :



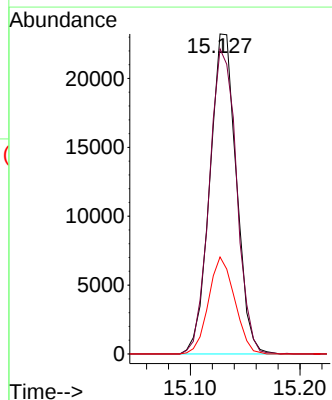
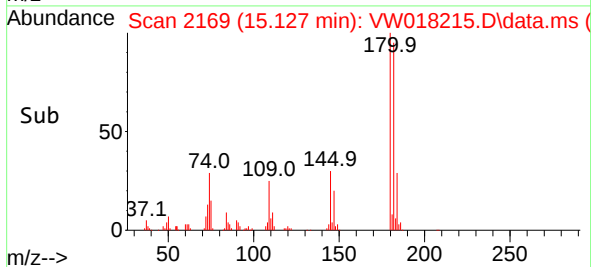
Tgt Ion:	180	Resp:	50232
Ion Ratio	Lower	Upper	
180	100		
182	95.6	80.5	120.7
184	29.3	24.9	37.3
145	28.6	23.8	35.6

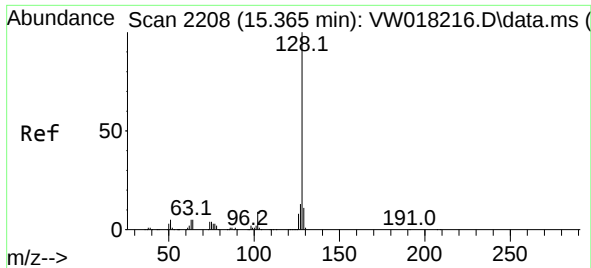


#68
1,2,4-trichlorobenzene
Concen: 5.01 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VW018215.D
Acq: 22 Feb 2021 10:33



Tgt Ion:	180	Resp:	39054
Ion Ratio	Lower	Upper	
180	100		
182	97.9	77.0	115.6
145	29.8	24.2	36.2

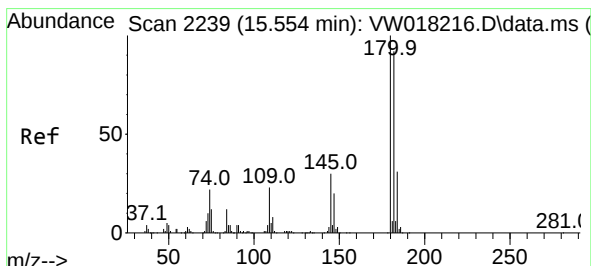
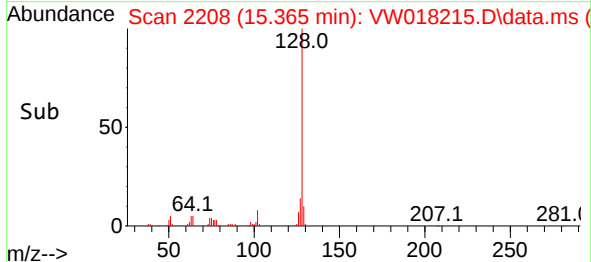
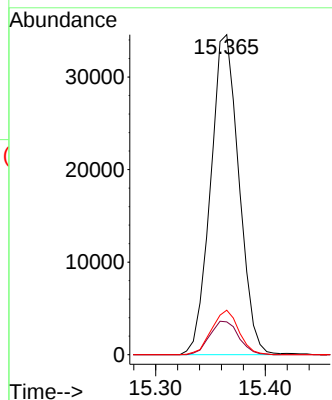
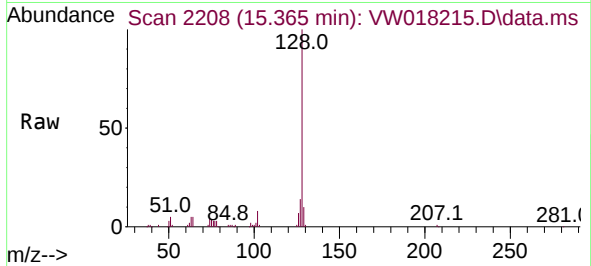




#69
Naphthalene
Concen: 4.56 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW018215.D
Acq: 22 Feb 2021 10:33

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion:128 Resp: 62193
Ion Ratio Lower Upper
128 100
129 10.6 8.8 13.2
127 13.4 10.5 15.7



#70
1,2,3-Trichlorobenzene
Concen: 5.02 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VW018215.D
Acq: 22 Feb 2021 10:33

Tgt Ion:180 Resp: 34371
Ion Ratio Lower Upper
180 100
182 97.6 77.5 116.3
145 32.1 25.1 37.7

