

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020521\
 Data File : VW018042.D
 Acq On : 05 Feb 2021 18:47
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02512

Quant Time: Feb 06 01:10:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Feb 06 01:06:17 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	408704	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	373829	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	195659	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	111754	22.00	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	88.00%		
7) Chloroethane-d5	2.891	69	91239	22.63	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	90.52%		
10) 1,1-Dichloroethene-d2	4.025	63	234122	23.06	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	92.24%		
20) 2-Butanone-d5	7.080	46	59968	44.24	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	88.48%		
24) Chloroform-d	7.647	84	265996	24.80	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	99.20%		
26) 1,2-Dichloroethane-d4	8.305	65	136730	23.93	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	95.72%		
29) Benzene-d6	8.275	84	518499	25.26	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	101.04%		
33) 1,2-Dichloropropane-d6	9.274	67	145927	25.42	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	101.68%		
37) Toluene-d8	10.323	98	503312	25.77	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	103.08%		
38) trans-1,3-Dichloroprop...	10.579	79	67232	25.83	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	103.32%		
39) 2-Hexanone-d5	10.927	63	50693	46.18	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	92.36%		
48) 1,1,2,2-Tetrachloroeth...	12.694	84	122200	24.23	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	96.92%		
61) 1,2-Dichlorobenzene-d4	13.853	152	184243	26.40	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	105.60%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.013	85	114594	20.72	ug/L	98
3) Chloromethane	2.215	50	87178	21.40	ug/L	98
5) Vinyl chloride	2.367	62	130848	23.29	ug/L	100
6) Bromomethane	2.788	94	89753	22.46	ug/L	99
8) Chloroethane	2.928	64	77492	23.09	ug/L	99
9) Trichlorofluoromethane	3.263	101	83895	20.65	ug/L	100
11) 1,1,2-Trichloro-1,2,2-...	4.068	101	133387	22.98	ug/L #	67
12) 1,1-Dichloroethene	4.056	96	127496	23.35	ug/L	91
13) Acetone	4.117	43	34247	34.15	ug/L	100
14) Carbon disulfide	4.391	76	376210	23.65	ug/L	99
15) Methyl Acetate	4.672	43	45294	20.36	ug/L	98
16) Methylene chloride	4.922	84	138725	21.18	ug/L	93
17) Methyl tert-butyl Ether	5.428	73	138500	22.59	ug/L	97
18) trans-1,2-Dichloroethene	5.428	96	137939	23.63	ug/L	95
19) 1,1-Dichloroethane	6.214	63	222783	23.65	ug/L	98
21) 2-Butanone	7.165	43	58845	38.54	ug/L	94
22) cis-1,2-Dichloroethene	7.171	96	145893	24.10	ug/L	96
23) Bromochloromethane	7.519	128	67214	23.10	ug/L	90
25) Chloroform	7.677	83	242134	23.56	ug/L	99
27) 1,2-Dichloroethane	8.403	62	148838	22.31	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020521\
 Data File : VW018042.D
 Acq On : 05 Feb 2021 18:47
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02512

Quant Time: Feb 06 01:10:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Feb 06 01:06:17 2021
 Response via : Initial Calibration

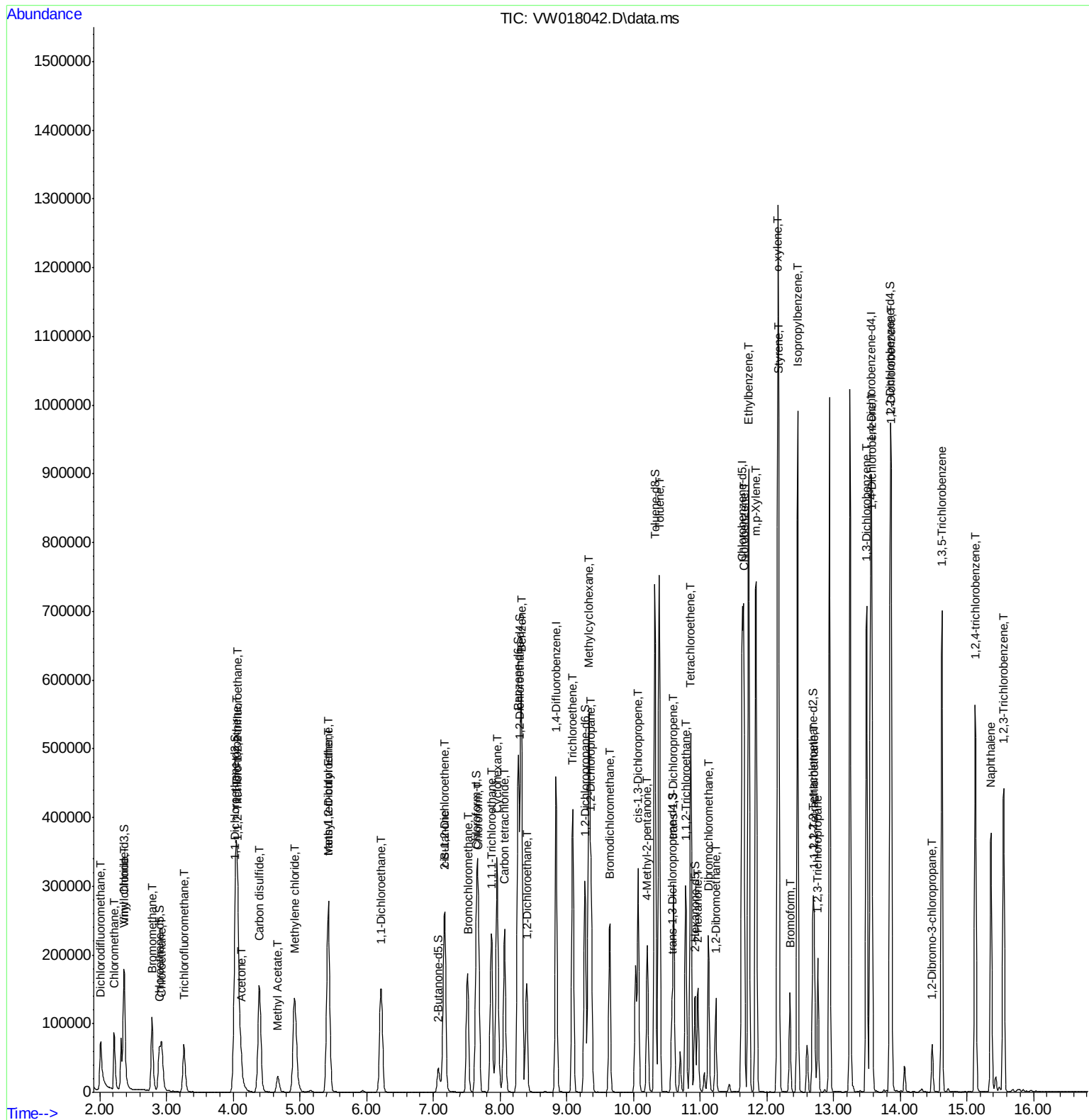
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) Cyclohexane	7.958	56	200393	23.44	ug/L	95
31) 1,1,1-Trichloroethane	7.872	97	195303	23.56	ug/L	99
32) Carbon tetrachloride	8.067	117	190710	23.76	ug/L	100
34) Benzene	8.323	78	528417	24.19	ug/L	100
35) Trichloroethene	9.091	95	146479	23.79	ug/L	99
36) Methylcyclohexane	9.335	83	243160	23.49	ug/L	97
40) 1,2-Dichloropropane	9.366	63	120356	24.01	ug/L	99
41) Bromodichloromethane	9.646	83	170658	23.77	ug/L	97
42) cis-1,3-Dichloropropene	10.073	75	197815	24.48	ug/L	99
43) 4-Methyl-2-pentanone	10.207	43	130171	41.75	ug/L	94
44) Toluene	10.390	91	578851	24.07	ug/L	100
45) trans-1,3-Dichloropropene	10.603	75	168370	23.94	ug/L	100
46) 1,1,2-Trichloroethane	10.786	97	97899	22.88	ug/L	98
47) Tetrachloroethene	10.859	164	124900	23.83	ug/L	99
49) 2-Hexanone	10.969	43	90310	41.69	ug/L	94
50) Dibromochloromethane	11.128	129	121672	23.73	ug/L	99
51) 1,2-Dibromoethane	11.231	107	95805	22.44	ug/L	94
52) Chlorobenzene	11.658	112	380163	24.00	ug/L	99
53) Ethylbenzene	11.731	91	653709	23.92	ug/L	99
54) m,p-Xylene	11.841	106	255433	24.52	ug/L	96
55) o-xylene	12.164	106	240570	24.34	ug/L	98
56) Styrene	12.182	104	412917	24.56	ug/L	97
57) Isopropylbenzene	12.463	105	659702	23.96	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.713	83	108507	21.43	ug/L	97
59) 1,2,3-Trichloropropane	12.768	75	80325	20.94	ug/L	98
62) Bromoform	12.347	173	68670	22.77	ug/L	97
63) 1,3-Dichlorobenzene	13.499	146	309356	24.80	ug/L	95
64) 1,4-Dichlorobenzene	13.578	146	297194	23.69	ug/L	95
65) 1,2-Dichlorobenzene	13.865	146	270475	24.05	ug/L	98
66) 1,2-Dibromo-3-chloropr...	14.481	75	17484	20.52	ug/L	97
67) 1,3,5-Trichlorobenzene	14.627	180	225952	23.58	ug/L	99
68) 1,2,4-trichlorobenzene	15.127	180	190463	23.84	ug/L	95
69) Naphthalene	15.365	128	343870	22.13	ug/L	99
70) 1,2,3-Trichlorobenzene	15.554	180	160784	22.58	ug/L	98

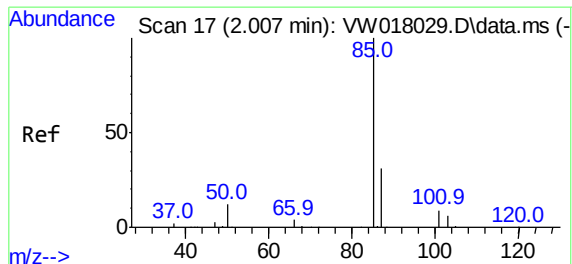
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020521\
Data File : VW018042.D
Acq On : 05 Feb 2021 18:47
Operator : SY/VA
Sample : VSTDCCC025EC
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD02512

Quant Time: Feb 06 01:10:34 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
Quant Title : VOC Analysis
QLast Update : Sat Feb 06 01:06:17 2021
Response via : Initial Calibration

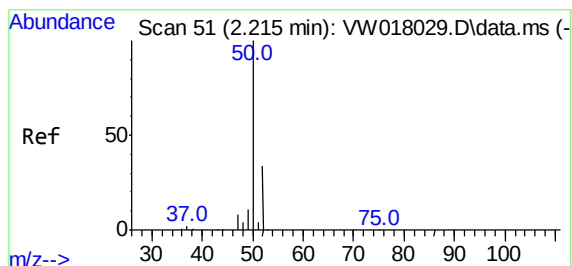
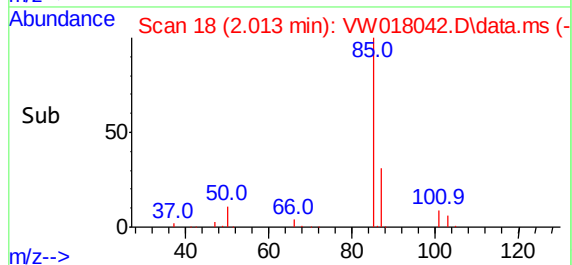
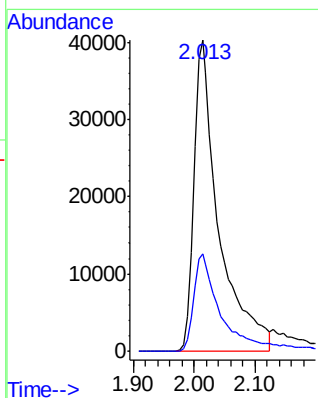
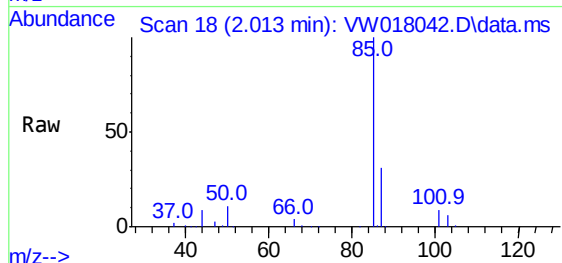




#2
Dichlorodifluoromethane
Concen: 20.72 ug/L
RT: 2.013 min Scan# 18
Delta R.T. 0.006 min
Lab File: VW018042.D
Acq: 05 Feb 2021 18:47

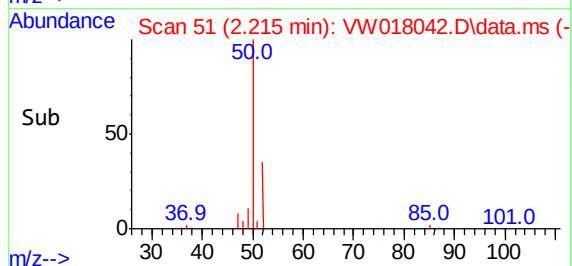
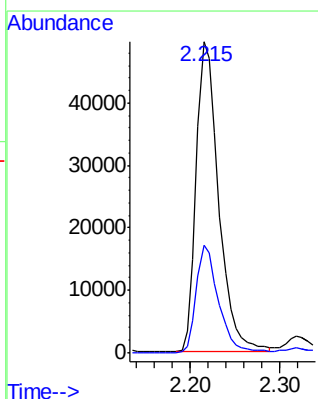
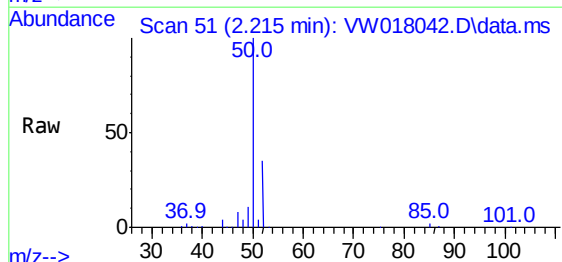
Instrument :
MSVOA_W
ClientSampleId :
VSTD02512

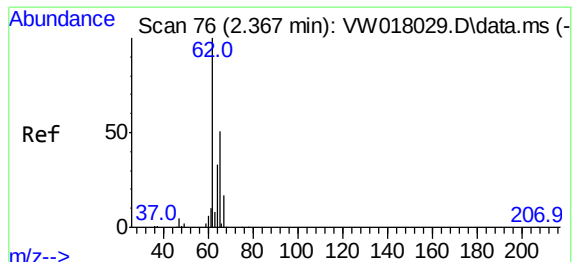
Tgt Ion: 85 Resp: 114594
Ion Ratio Lower Upper
85 100
87 31.8 23.2 43.0



#3
Chloromethane
Concen: 21.40 ug/L
RT: 2.215 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW018042.D
Acq: 05 Feb 2021 18:47

Tgt Ion: 50 Resp: 87178
Ion Ratio Lower Upper
50 100
52 34.6 23.4 43.6

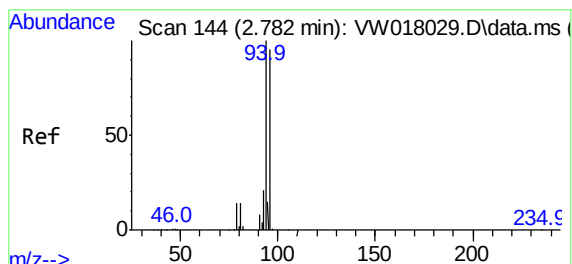
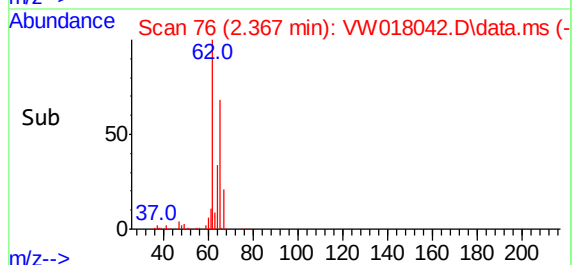
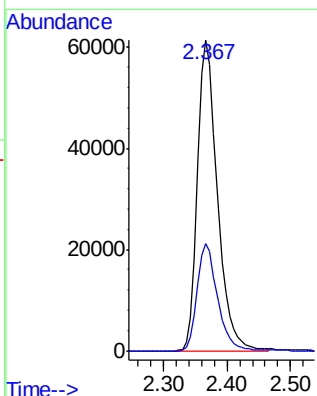
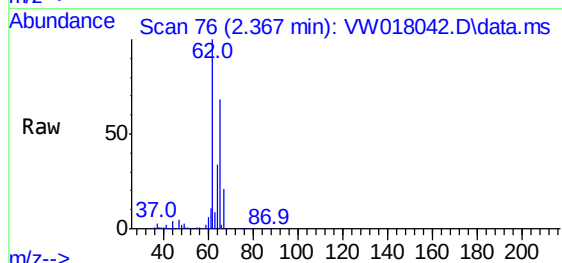




#5
 Vinyl chloride
 Concen: 23.29 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VW018042.D
 Acq: 05 Feb 2021 18:47

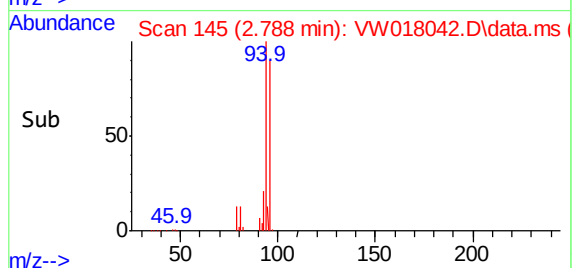
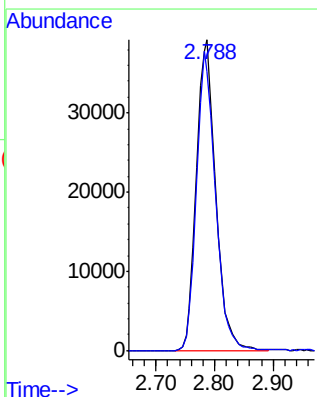
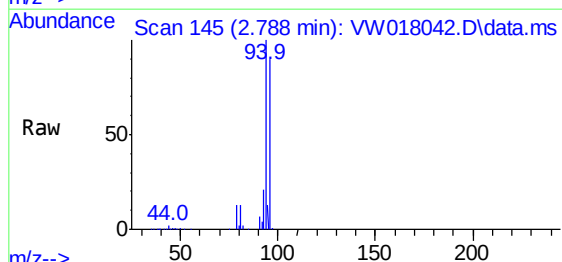
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02512

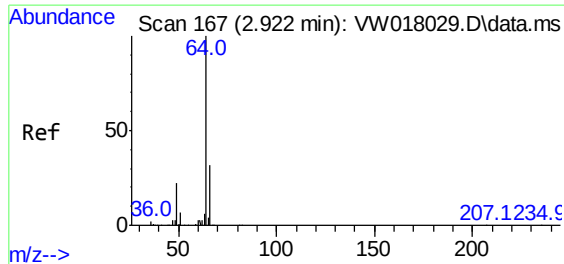
Tgt Ion: 62 Resp: 130848
 Ion Ratio Lower Upper
 62 100
 64 34.5 23.9 44.5



#6
 Bromomethane
 Concen: 22.46 ug/L
 RT: 2.788 min Scan# 145
 Delta R.T. 0.006 min
 Lab File: VW018042.D
 Acq: 05 Feb 2021 18:47

Tgt Ion: 94 Resp: 89753
 Ion Ratio Lower Upper
 94 100
 96 94.2 9.4 178.0

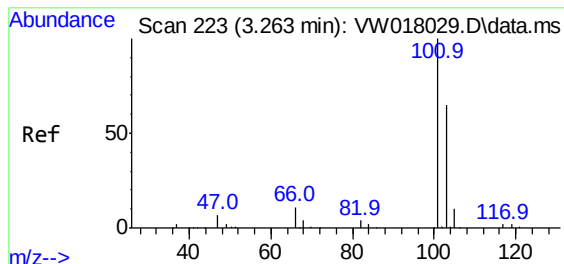
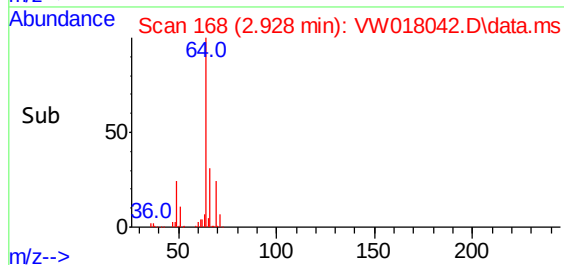
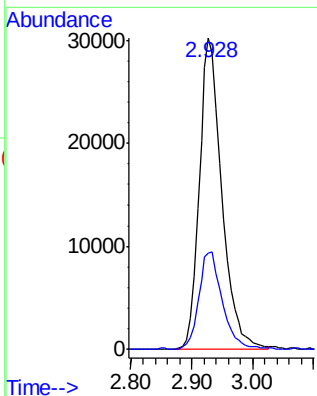
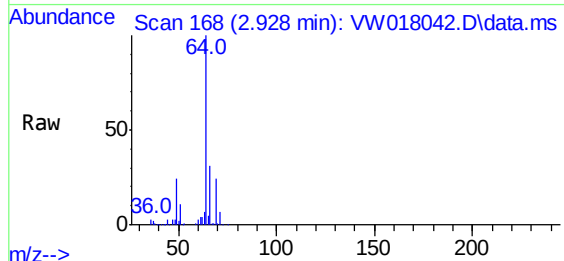




#8
Chloroethane
Concen: 23.09 ug/L
RT: 2.928 min Scan# 168
Delta R.T. 0.006 min
Lab File: VW018042.D
Acq: 05 Feb 2021 18:47

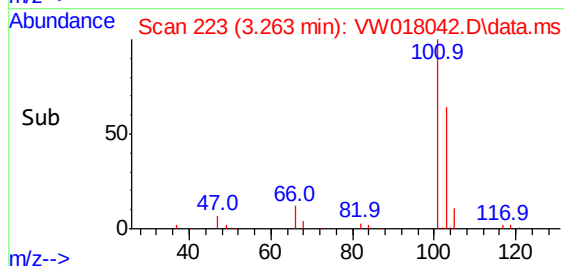
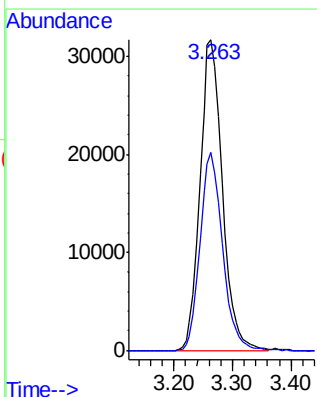
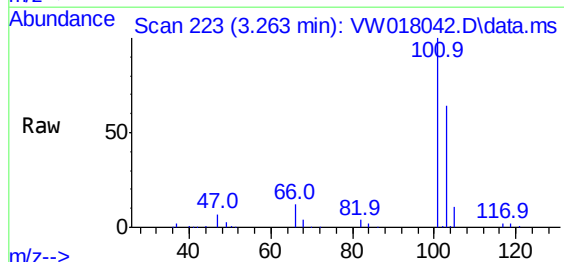
Instrument :
MSVOA_W
ClientSampleId :
VSTD02512

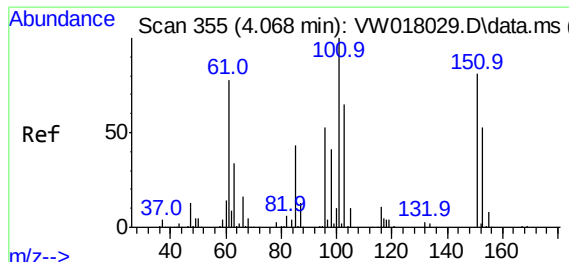
Tgt Ion: 64 Resp: 77492
Ion Ratio Lower Upper
64 100
66 30.9 22.0 41.0



#9
Trichlorofluoromethane
Concen: 20.65 ug/L
RT: 3.263 min Scan# 223
Delta R.T. 0.000 min
Lab File: VW018042.D
Acq: 05 Feb 2021 18:47

Tgt Ion:101 Resp: 83895
Ion Ratio Lower Upper
101 100
103 64.1 45.0 83.6

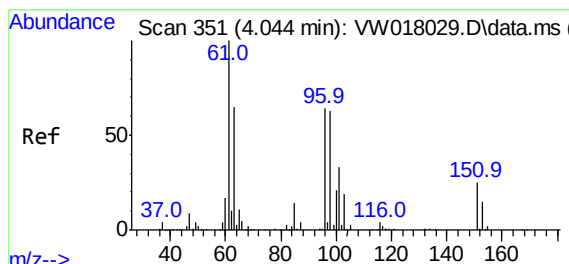
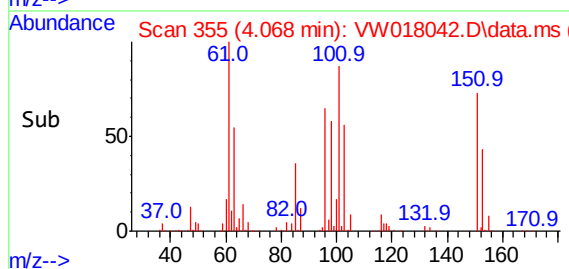
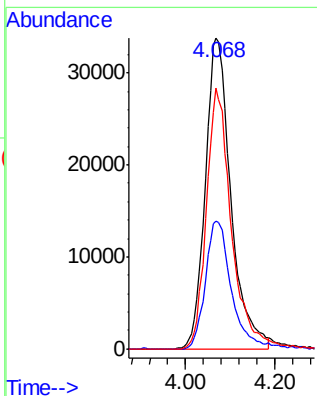
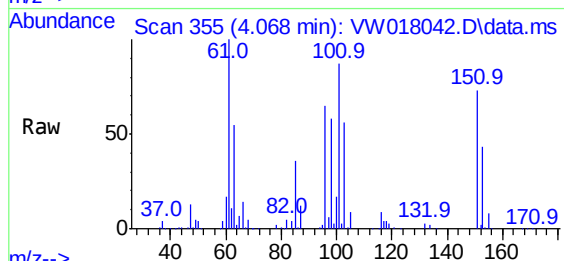




#11
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 22.98 ug/L
 RT: 4.068 min Scan# 355
 Delta R.T. 0.000 min
 Lab File: VW018042.D
 Acq: 05 Feb 2021 18:47

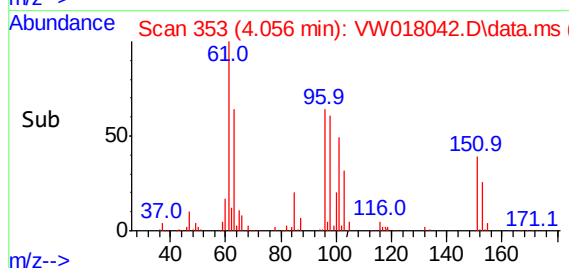
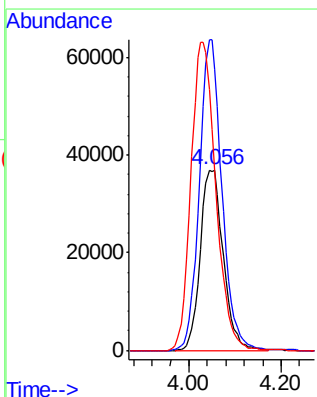
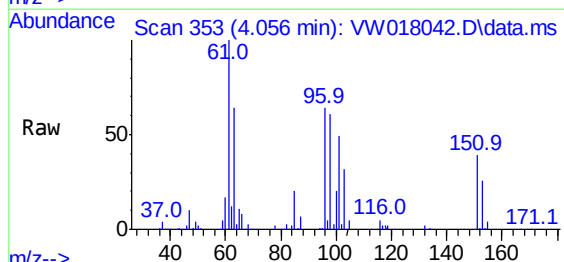
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02512

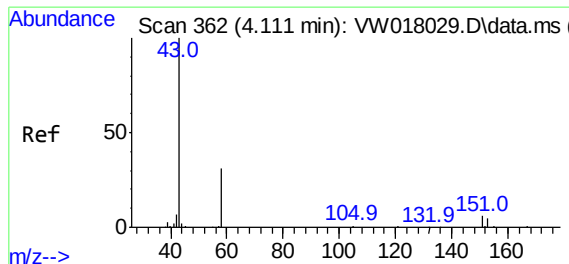
Tgt Ion:101 Resp: 133387
 Ion Ratio Lower Upper
 101 100
 85 41.1 34.2 51.4
 151 79.1 30.4 45.6#



#12
 1,1-Dichloroethene
 Concen: 23.35 ug/L
 RT: 4.056 min Scan# 353
 Delta R.T. 0.012 min
 Lab File: VW018042.D
 Acq: 05 Feb 2021 18:47

Tgt Ion: 96 Resp: 127496
 Ion Ratio Lower Upper
 96 100
 61 156.0 112.5 208.9
 63 99.9 83.1 154.3

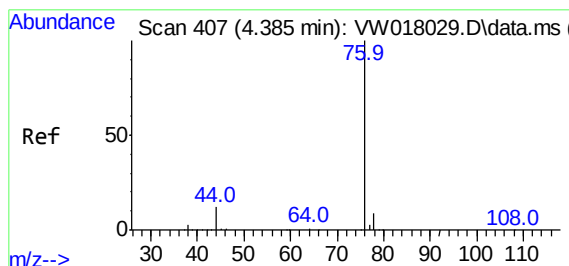
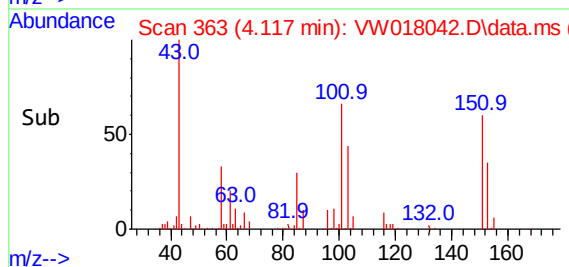
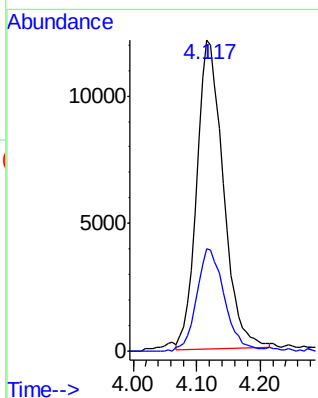
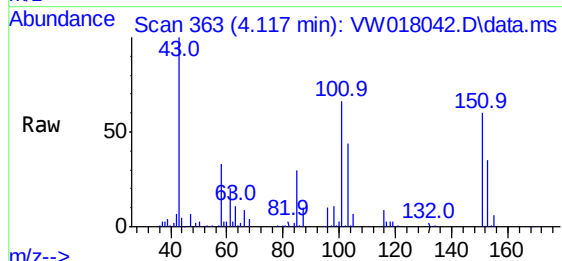




#13
Acetone
Concen: 34.15 ug/L
RT: 4.117 min Scan# 363
Delta R.T. 0.006 min
Lab File: VW018042.D
Acq: 05 Feb 2021 18:47

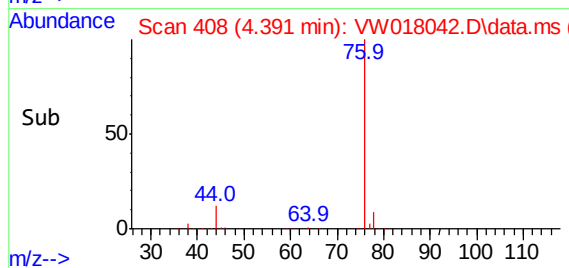
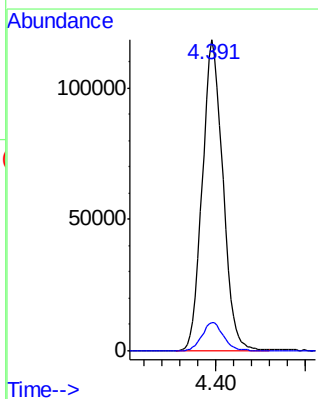
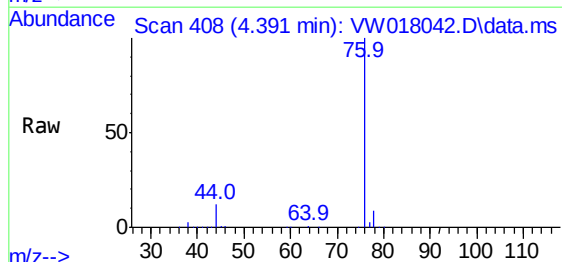
Instrument :
MSVOA_W
ClientSampleId :
VSTD02512

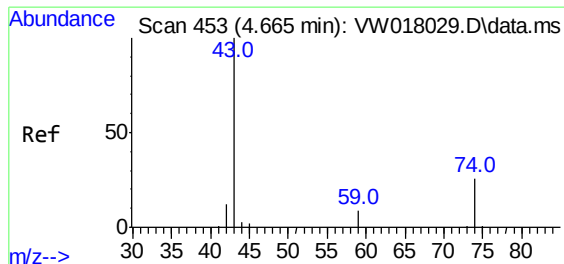
Tgt Ion: 43 Resp: 34247
Ion Ratio Lower Upper
43 100
58 34.2 0.0 68.4



#14
Carbon disulfide
Concen: 23.65 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.006 min
Lab File: VW018042.D
Acq: 05 Feb 2021 18:47

Tgt Ion: 76 Resp: 376210
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.4

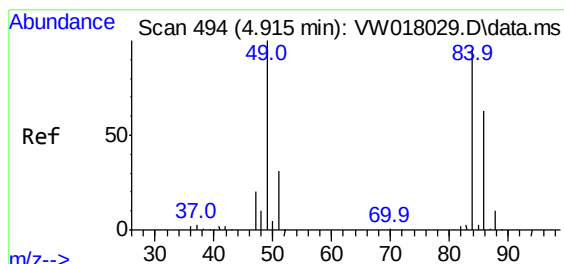
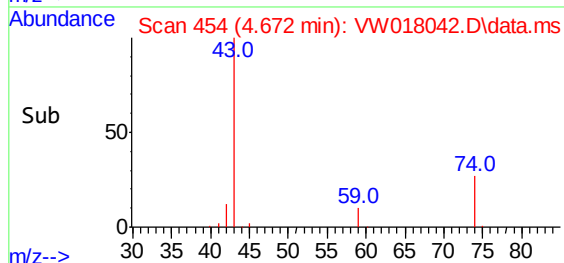
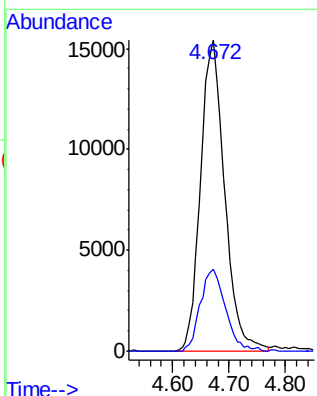
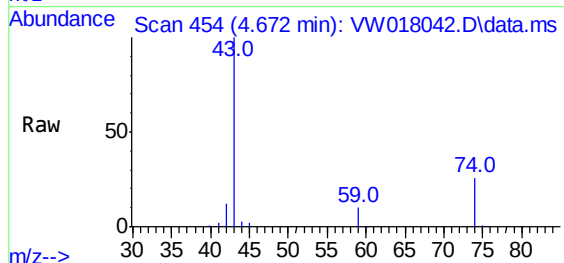




#15
Methyl Acetate
Concen: 20.36 ug/L
RT: 4.672 min Scan# 454
Delta R.T. 0.006 min
Lab File: VW018042.D
Acq: 05 Feb 2021 18:47

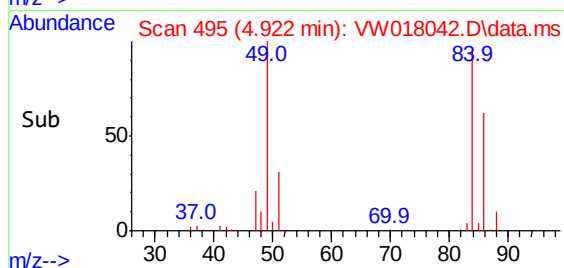
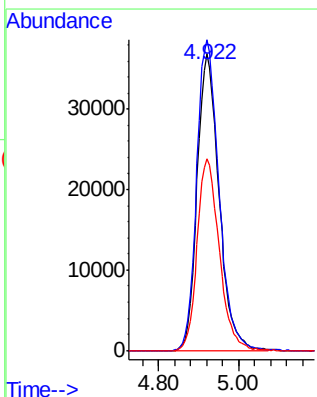
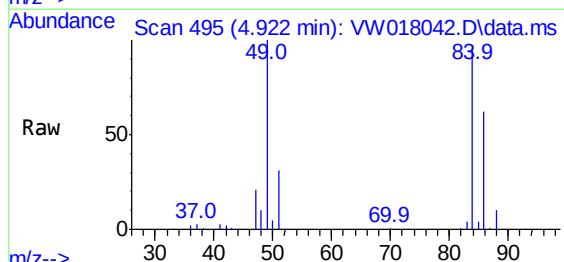
Instrument :
MSVOA_W
ClientSampleId :
VSTD02512

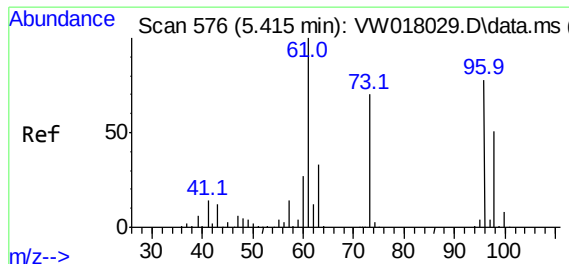
Tgt Ion: 43 Resp: 45294
Ion Ratio Lower Upper
43 100
74 27.1 20.7 31.1



#16
Methylene chloride
Concen: 21.18 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW018042.D
Acq: 05 Feb 2021 18:47

Tgt Ion: 84 Resp: 138725
Ion Ratio Lower Upper
84 100
49 104.9 81.2 150.8
86 64.8 44.5 82.7

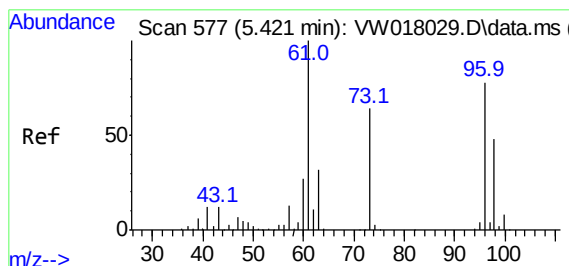
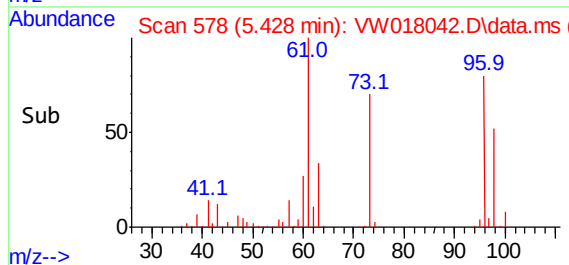
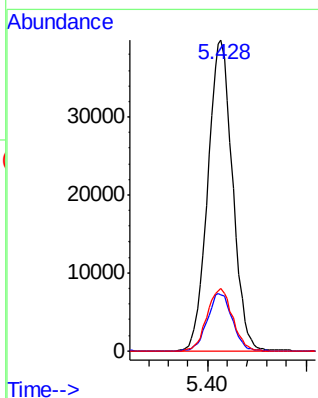
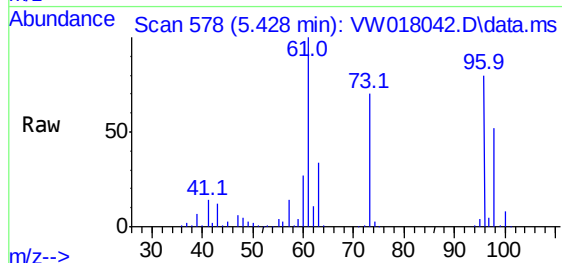




#17
Methyl tert-butyl Ether
Concen: 22.59 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.012 min
Lab File: VW018042.D
Acq: 05 Feb 2021 18:47

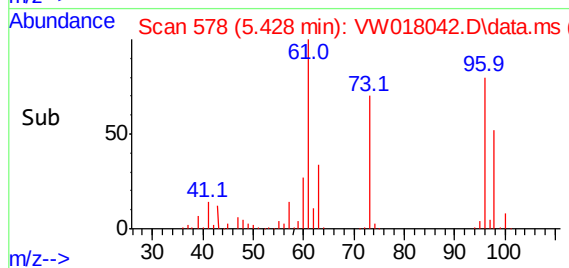
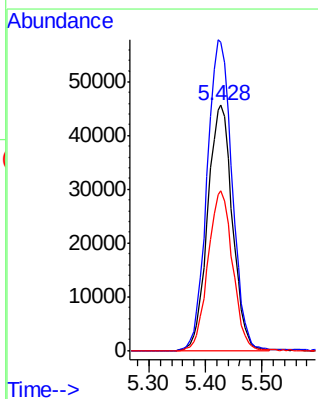
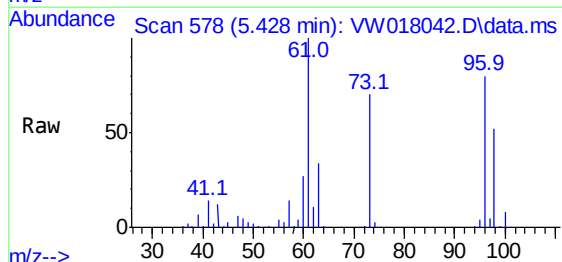
Instrument :
MSVOA_W
ClientSampled :
VSTD02512

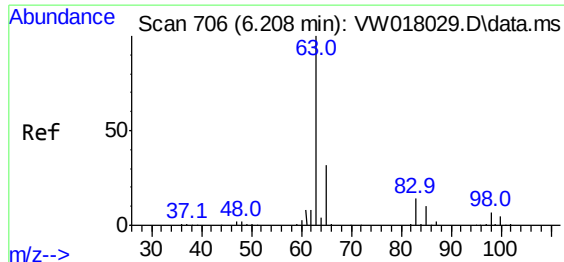
Tgt Ion: 73 Resp: 138500
Ion Ratio Lower Upper
73 100
43 18.6 16.2 24.4
57 20.5 17.2 25.8



#18
trans-1,2-Dichloroethene
Concen: 23.63 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW018042.D
Acq: 05 Feb 2021 18:47

Tgt Ion: 96 Resp: 137939
Ion Ratio Lower Upper
96 100
61 125.6 92.7 172.1
98 65.2 43.3 80.3

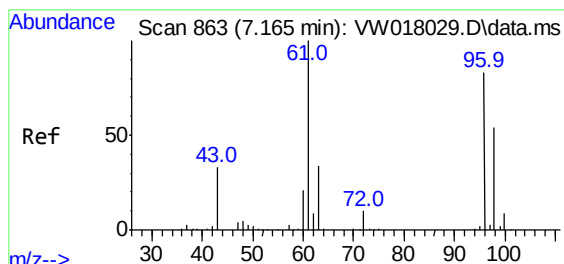
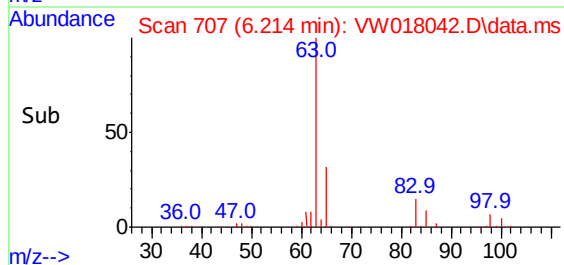
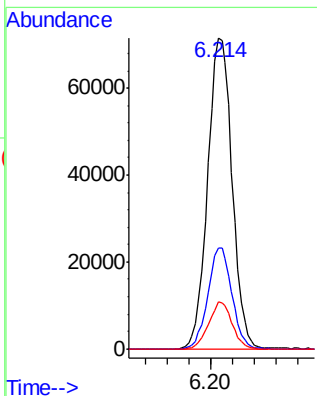
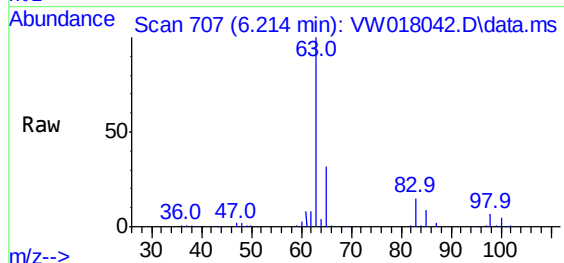




#19
1,1-Dichloroethane
Concen: 23.65 ug/L
RT: 6.214 min Scan# 707
Delta R.T. 0.006 min
Lab File: VW018042.D
Acq: 05 Feb 2021 18:47

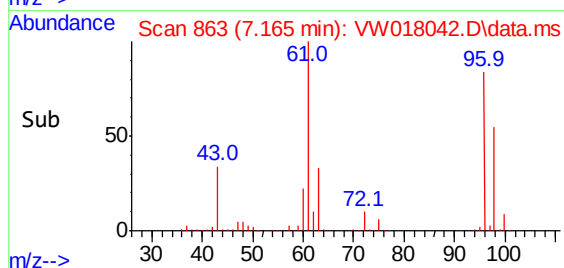
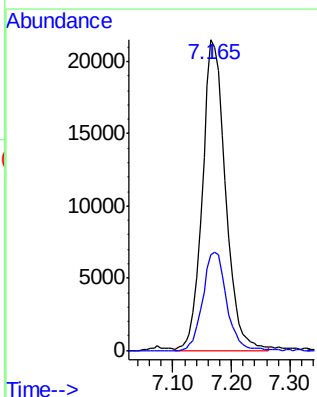
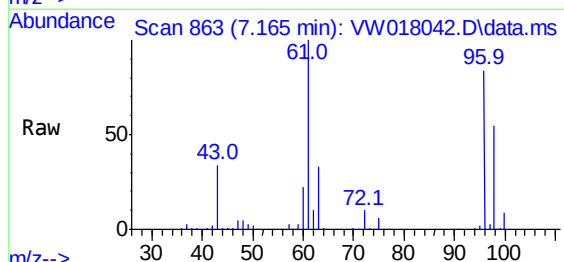
Instrument :
MSVOA_W
ClientSampleId :
VSTD02512

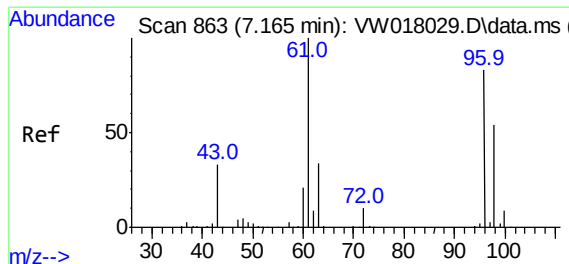
Tgt Ion: 63 Resp: 222783
Ion Ratio Lower Upper
63 100
65 32.3 21.9 40.7
83 15.0 9.4 17.6



#21
2-Butanone
Concen: 38.54 ug/L
RT: 7.165 min Scan# 863
Delta R.T. 0.000 min
Lab File: VW018042.D
Acq: 05 Feb 2021 18:47

Tgt Ion: 43 Resp: 58845
Ion Ratio Lower Upper
43 100
72 32.0 14.4 43.2



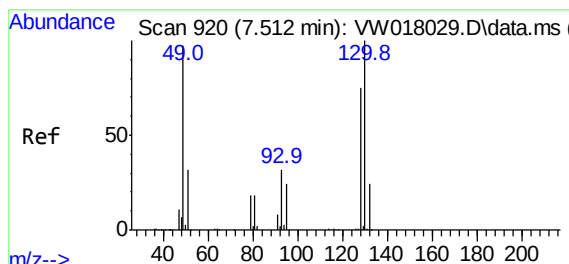
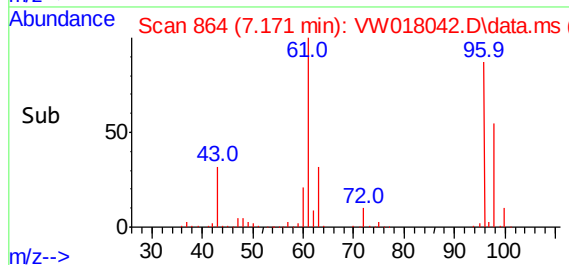
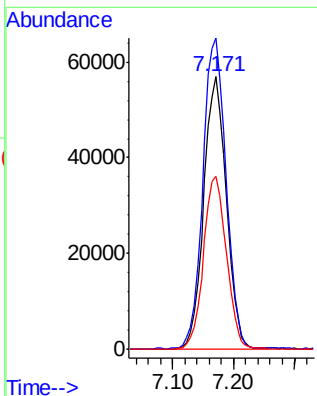
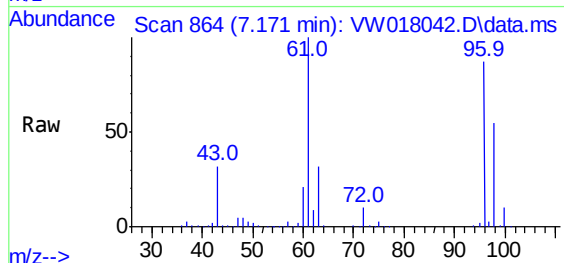


#22
 cis-1,2-Dichloroethene
 Concen: 24.10 ug/L
 RT: 7.171 min Scan# 864
 Delta R.T. 0.006 min
 Lab File: VW018042.D
 Acq: 05 Feb 2021 18:47

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02512

Tgt Ion: 96 Resp: 145893

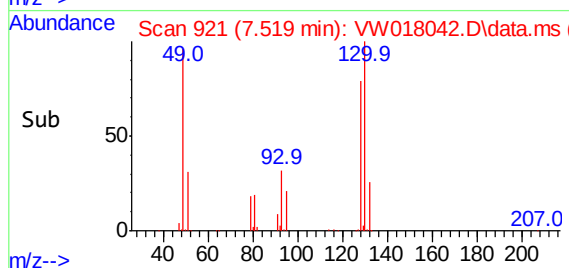
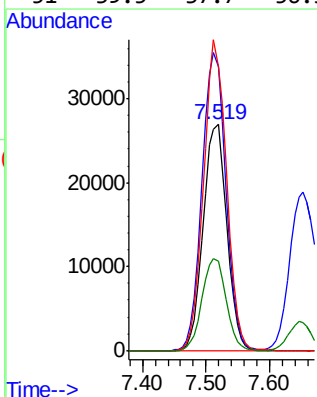
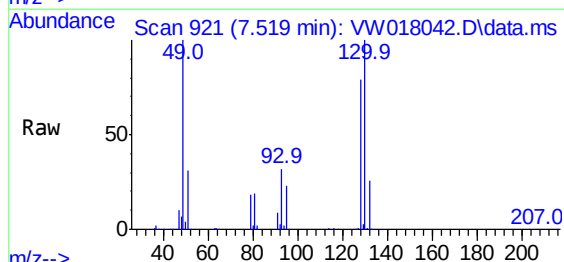
Ion	Ratio	Lower	Upper
96	100		
61	114.3	84.6	157.2
98	63.4	44.7	82.9

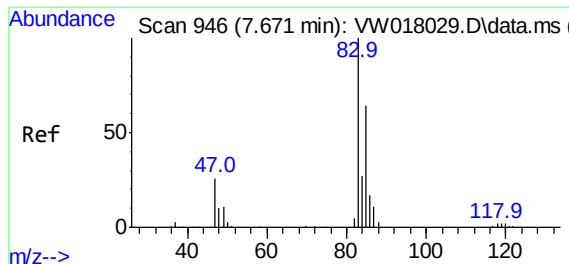


#23
 Bromochloromethane
 Concen: 23.10 ug/L
 RT: 7.519 min Scan# 921
 Delta R.T. 0.006 min
 Lab File: VW018042.D
 Acq: 05 Feb 2021 18:47

Tgt Ion: 128 Resp: 67214

Ion	Ratio	Lower	Upper
128	100		
49	125.8	101.6	188.6
130	126.0	90.4	167.8
51	39.5	37.7	56.5

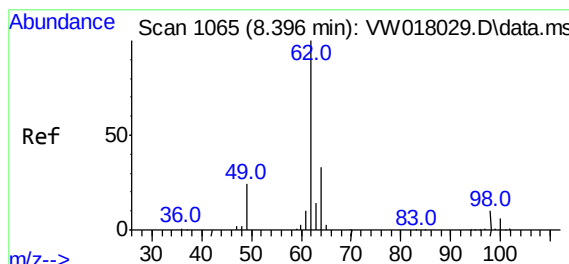
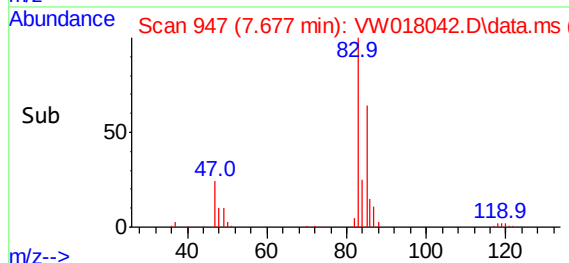
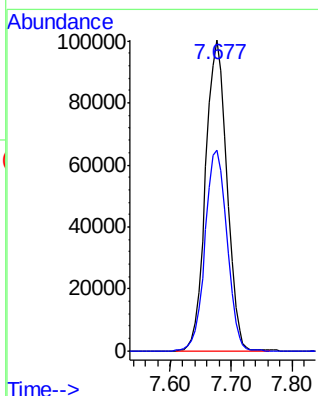
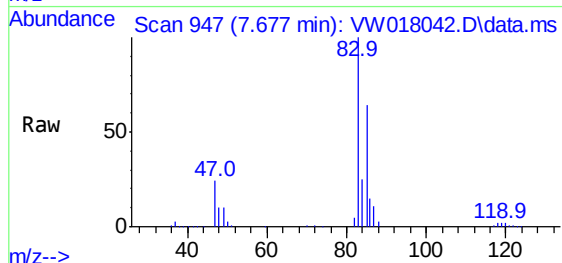




#25
Chloroform
Concen: 23.56 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.006 min
Lab File: VW018042.D
Acq: 05 Feb 2021 18:47

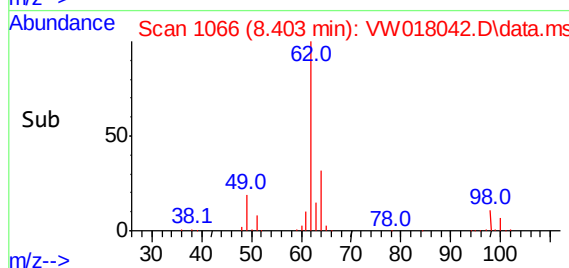
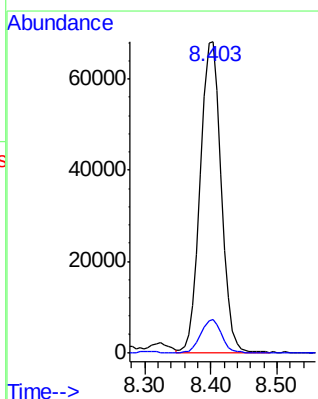
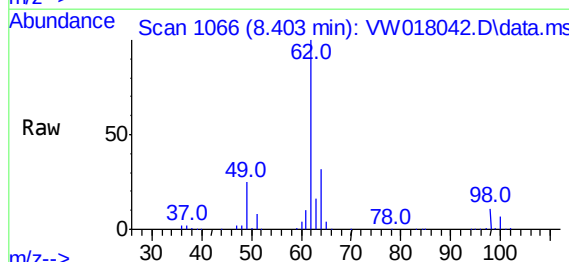
Instrument :
MSVOA_W
ClientSampleId :
VSTD02512

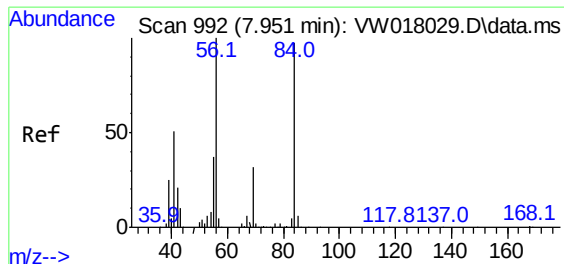
Tgt Ion: 83 Resp: 242134
Ion Ratio Lower Upper
83 100
85 66.5 45.7 84.9



#27
1,2-Dichloroethane
Concen: 22.31 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW018042.D
Acq: 05 Feb 2021 18:47

Tgt Ion: 62 Resp: 148838
Ion Ratio Lower Upper
62 100
98 10.7 8.0 12.0

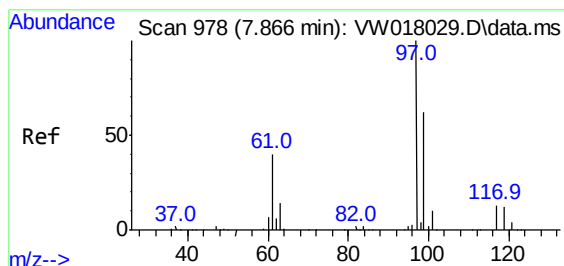
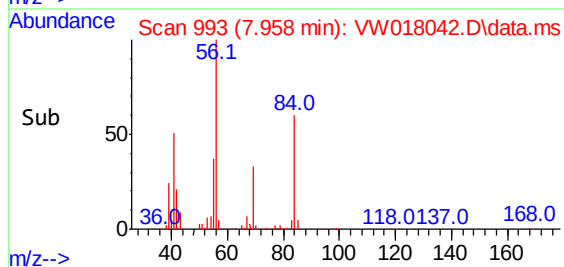
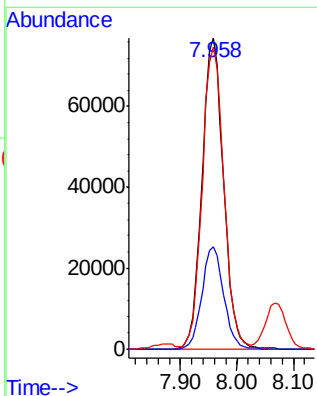
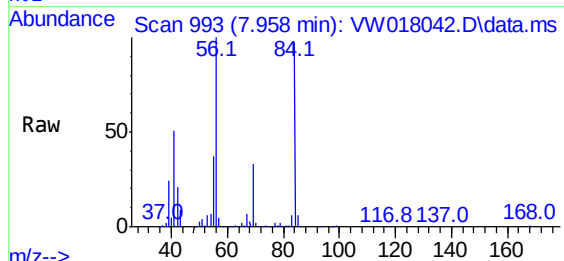




#30
Cyclohexane
Concen: 23.44 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.006 min
Lab File: VW018042.D
Acq: 05 Feb 2021 18:47

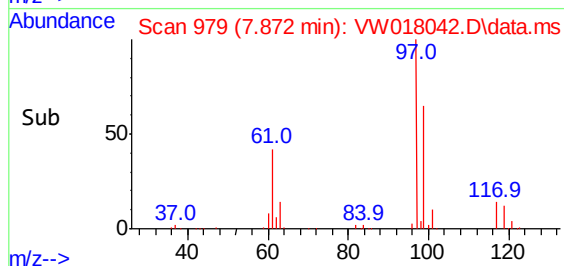
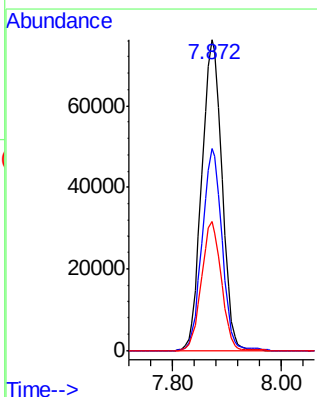
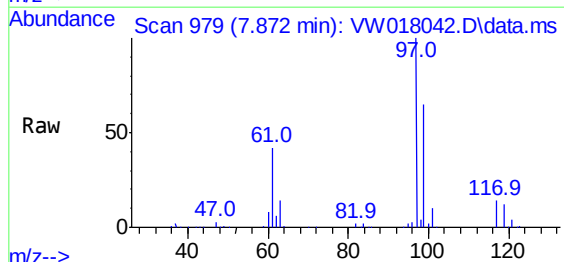
Instrument :
MSVOA_W
ClientSampleId :
VSTD02512

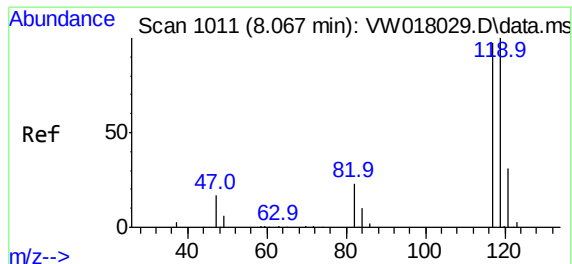
Tgt Ion: 56 Resp: 200393
Ion Ratio Lower Upper
56 100
69 33.1 24.8 37.2
84 98.2 74.2 111.4



#31
1,1,1-Trichloroethane
Concen: 23.56 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.006 min
Lab File: VW018042.D
Acq: 05 Feb 2021 18:47

Tgt Ion: 97 Resp: 195303
Ion Ratio Lower Upper
97 100
99 64.1 51.0 76.4
61 40.9 33.6 50.4

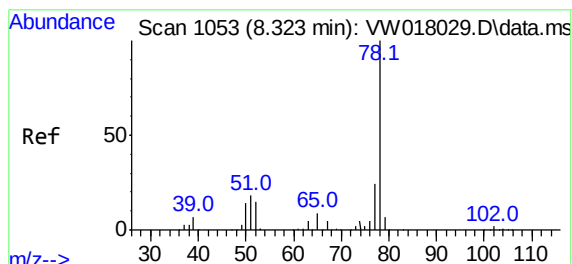
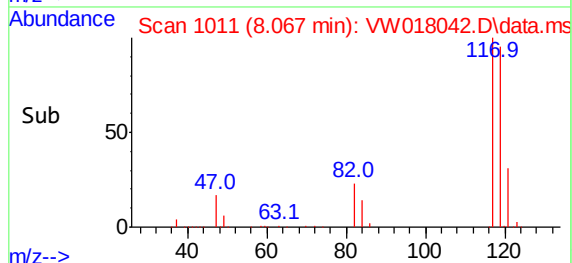
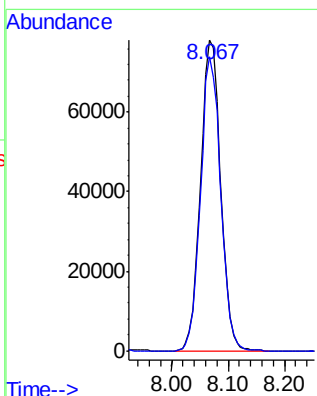
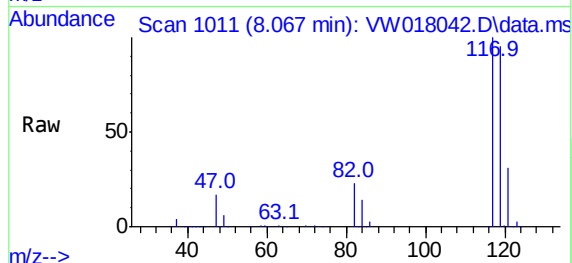




#32
Carbon tetrachloride
Concen: 23.76 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW018042.D
Acq: 05 Feb 2021 18:47

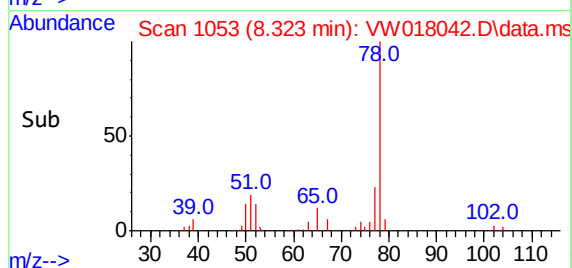
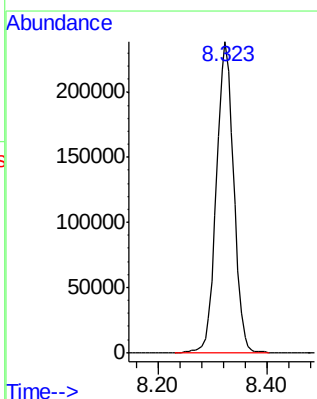
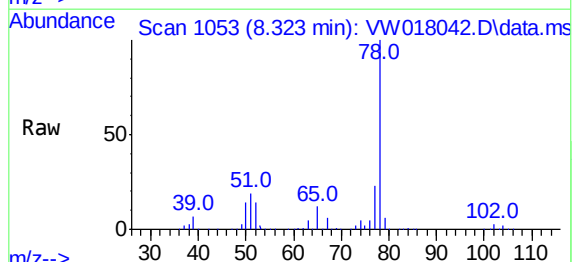
Instrument :
MSVOA_W
ClientSampleId :
VSTD02512

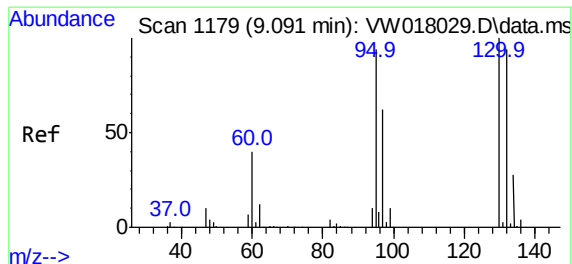
Tgt Ion:117 Resp: 190710
Ion Ratio Lower Upper
117 100
119 94.9 75.8 113.8



#34
Benzene
Concen: 24.19 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW018042.D
Acq: 05 Feb 2021 18:47

Tgt Ion: 78 Resp: 528417

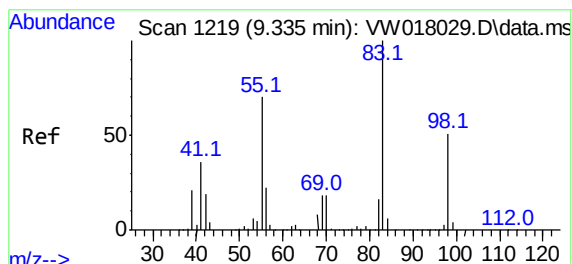
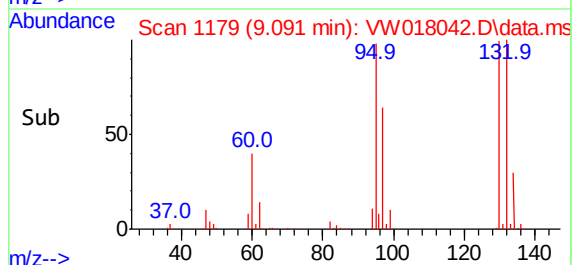
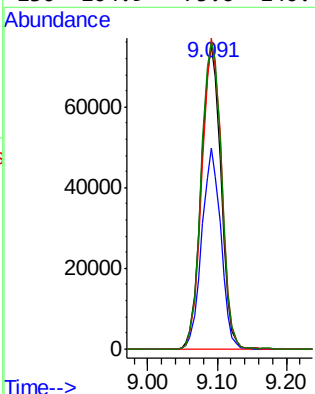
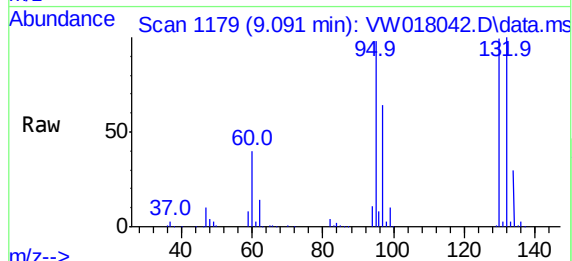




#35
Trichloroethene
Concen: 23.79 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW018042.D
Acq: 05 Feb 2021 18:47

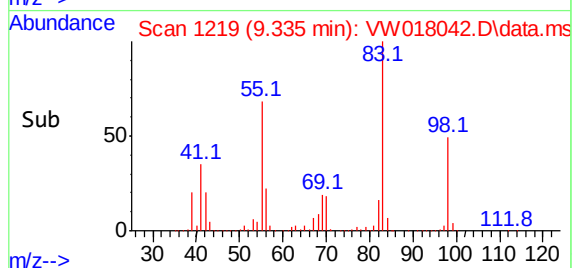
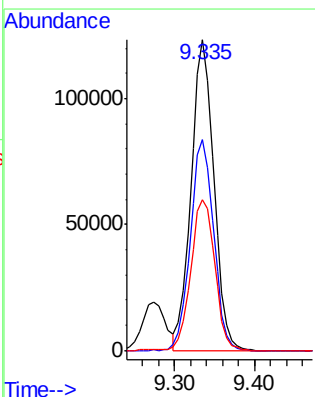
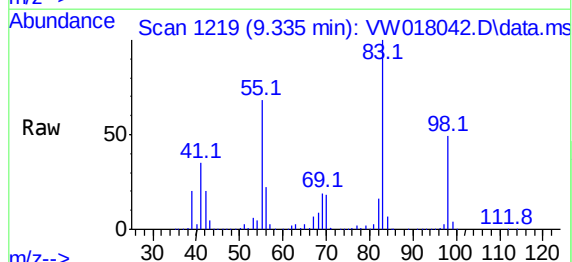
Instrument :
MSVOA_W
ClientSampleId :
VSTD02512

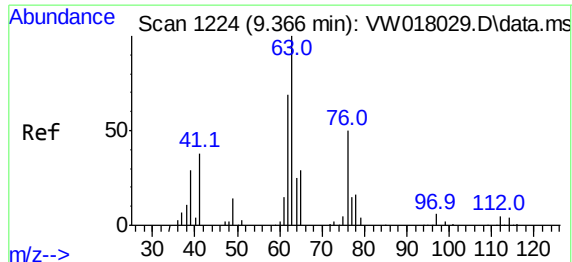
Tgt Ion: 95 Resp: 146479
Ion Ratio Lower Upper
95 100
97 64.2 45.0 83.6
132 101.6 71.0 131.8
130 104.9 75.6 140.4



#36
Methylcyclohexane
Concen: 23.49 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW018042.D
Acq: 05 Feb 2021 18:47

Tgt Ion: 83 Resp: 243160
Ion Ratio Lower Upper
83 100
55 69.5 59.4 89.0
98 51.3 40.7 61.1

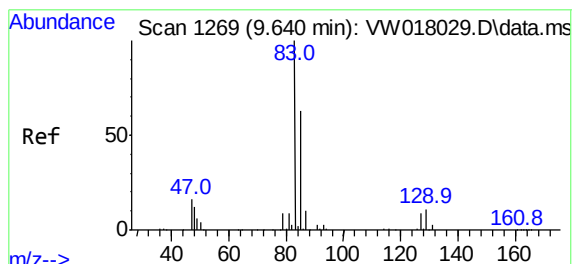
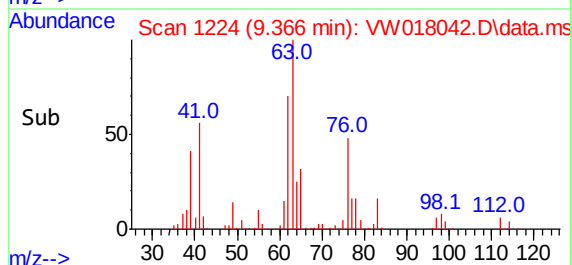
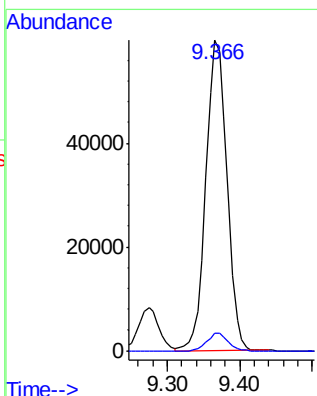
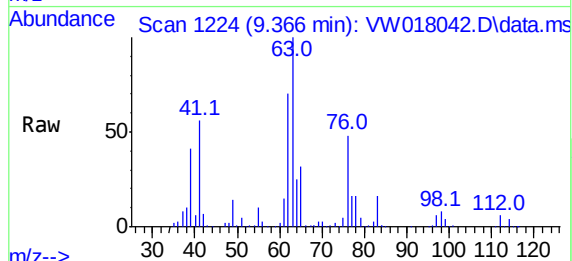




#40
1,2-Dichloropropane
Concen: 24.01 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. 0.000 min
Lab File: VW018042.D
Acq: 05 Feb 2021 18:47

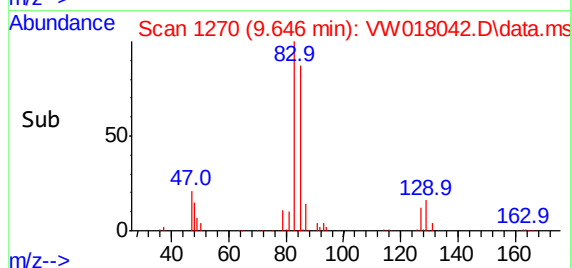
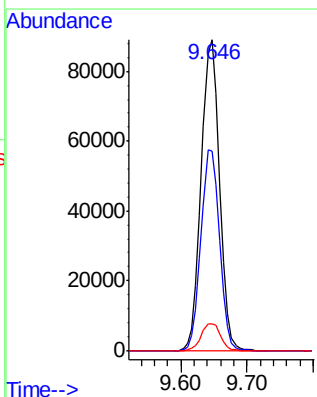
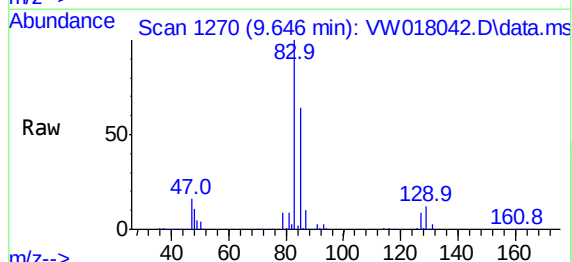
Instrument :
MSVOA_W
ClientSampleId :
VSTD02512

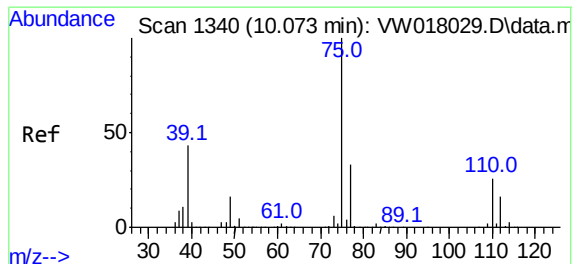
Tgt Ion: 63 Resp: 120356
Ion Ratio Lower Upper
63 100
112 5.6 4.2 6.4



#41
Bromodichloromethane
Concen: 23.77 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.006 min
Lab File: VW018042.D
Acq: 05 Feb 2021 18:47

Tgt Ion: 83 Resp: 170658
Ion Ratio Lower Upper
83 100
85 64.2 46.8 86.8
127 8.6 7.6 11.4

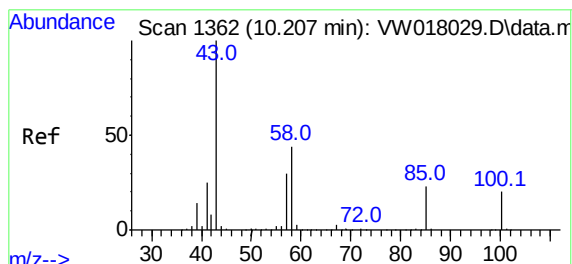
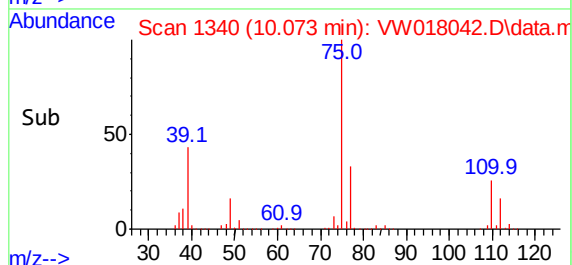
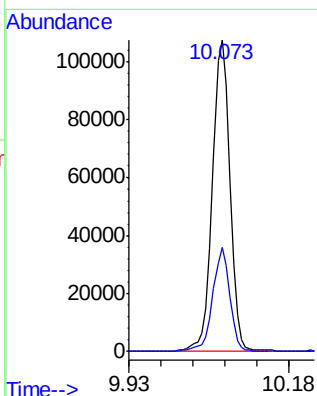
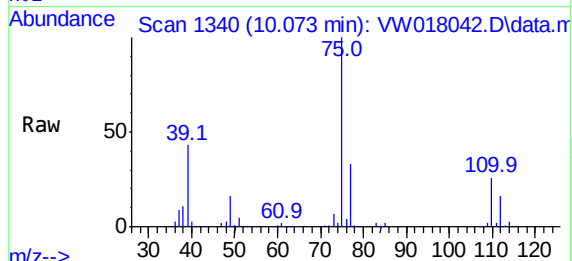




#42
cis-1,3-Dichloropropene
Concen: 24.48 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW018042.D
Acq: 05 Feb 2021 18:47

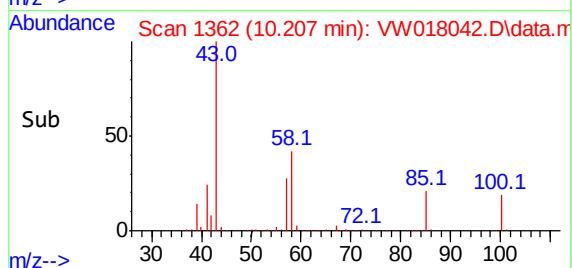
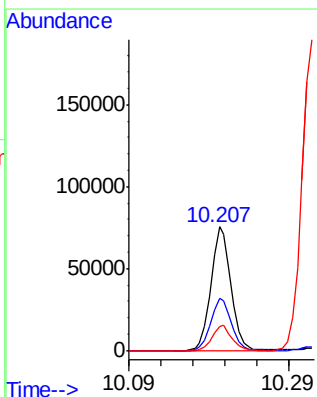
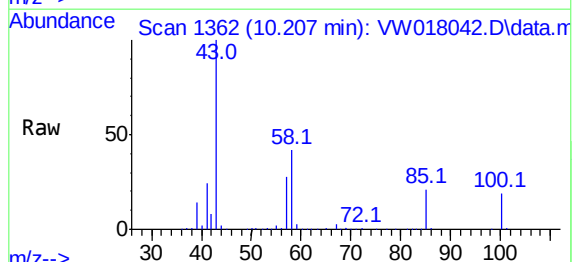
Instrument :
MSVOA_W
ClientSampleId :
VSTD02512

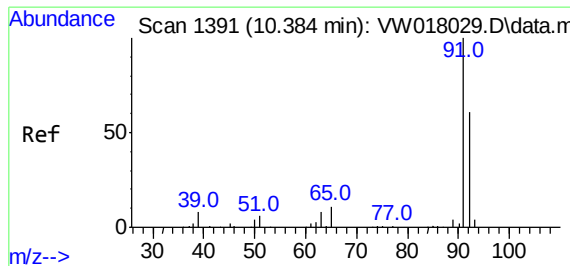
Tgt Ion: 75 Resp: 197815
Ion Ratio Lower Upper
75 100
77 33.1 22.7 42.3



#43
4-Methyl-2-pentanone
Concen: 41.75 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. 0.000 min
Lab File: VW018042.D
Acq: 05 Feb 2021 18:47

Tgt Ion: 43 Resp: 130171
Ion Ratio Lower Upper
43 100
58 43.2 31.6 47.4
100 19.9 14.1 21.1





#44

Toluene

Concen: 24.07 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. 0.006 min

Lab File: VW018042.D

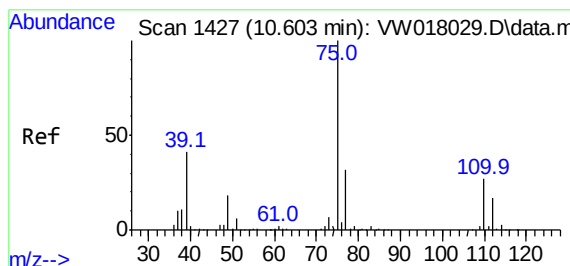
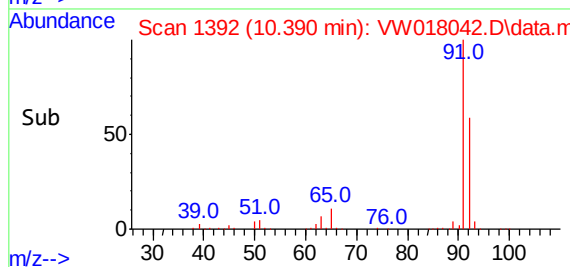
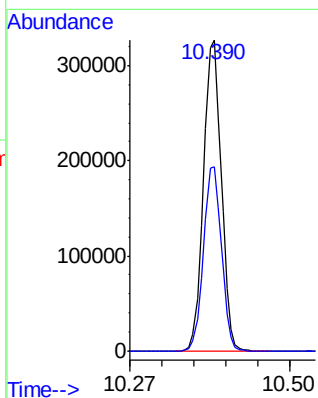
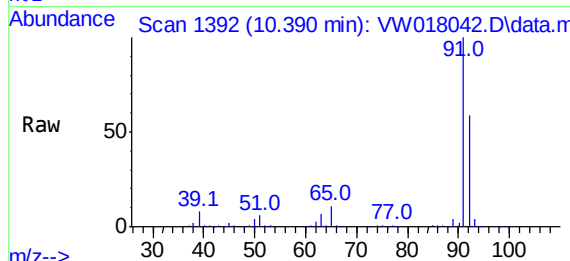
Acq: 05 Feb 2021 18:47

Tgt Ion: 91 Resp: 578851

Ion Ratio Lower Upper

91 100

92 59.4 41.6 77.3



#45

trans-1,3-Dichloropropene

Concen: 23.94 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VW018042.D

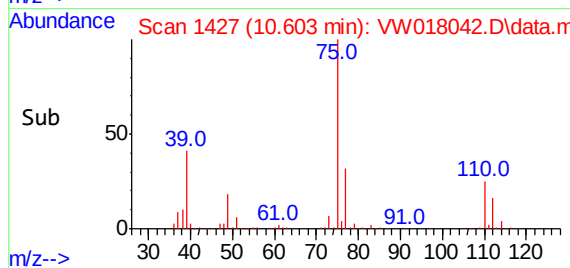
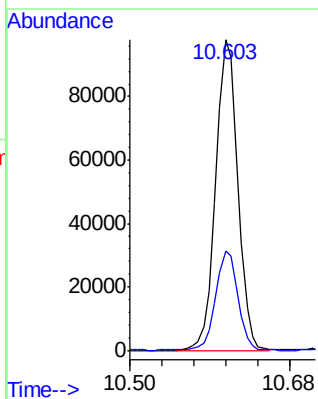
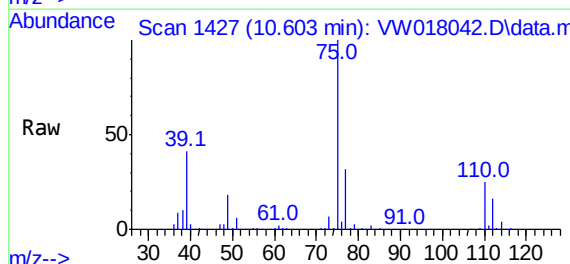
Acq: 05 Feb 2021 18:47

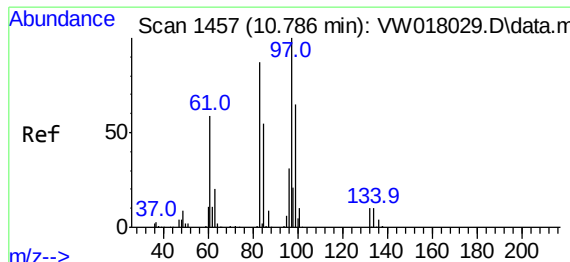
Tgt Ion: 75 Resp: 168370

Ion Ratio Lower Upper

75 100

77 32.1 22.6 42.0



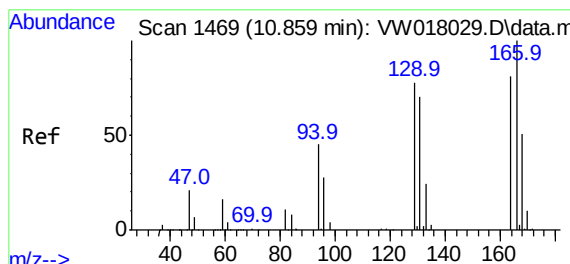
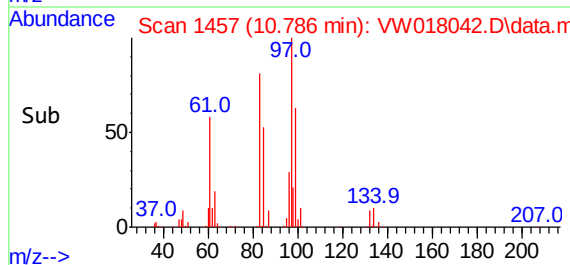
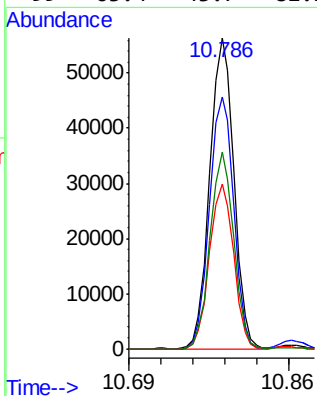
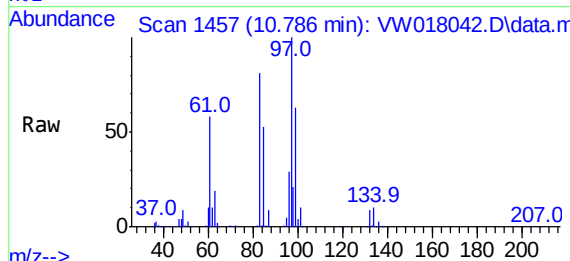


#46
1,1,2-Trichloroethane
Concen: 22.88 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW018042.D
Acq: 05 Feb 2021 18:47

Instrument :
MSVOA_W
ClientSampleId :
VSTD02512

Tgt Ion: 97 Resp: 97899

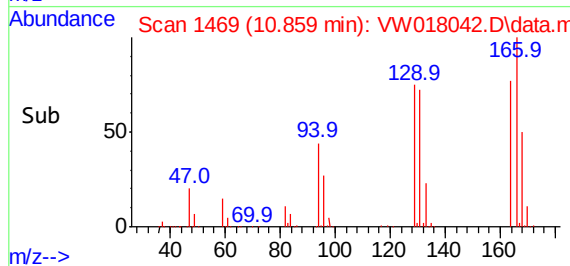
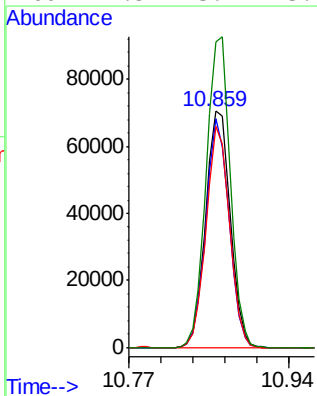
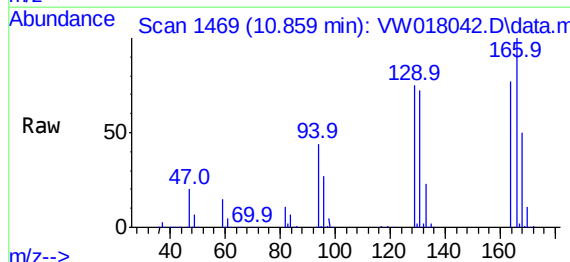
Ion	Ratio	Lower	Upper
97	100		
83	81.1	58.5	108.7
85	53.0	37.8	70.2
99	63.4	43.7	81.1

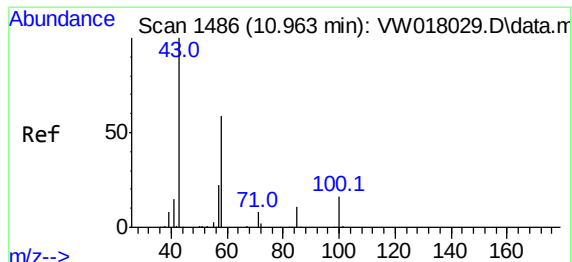


#47
Tetrachloroethene
Concen: 23.83 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW018042.D
Acq: 05 Feb 2021 18:47

Tgt Ion: 164 Resp: 124900

Ion	Ratio	Lower	Upper
164	100		
129	96.9	67.6	125.6
131	93.4	65.2	121.2
166	129.5	93.2	173.2

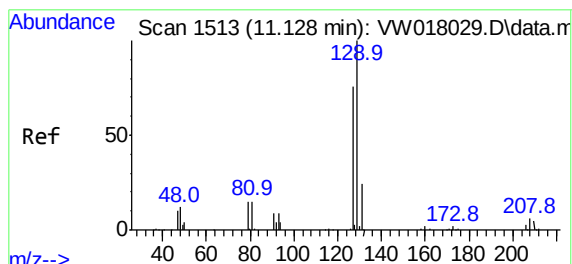
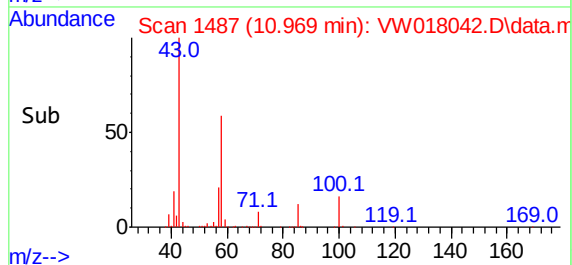
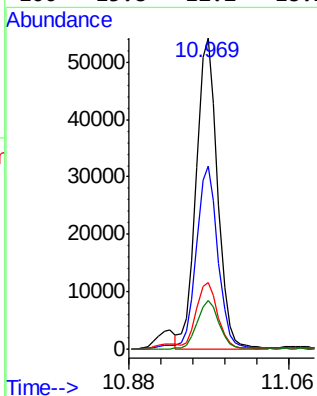
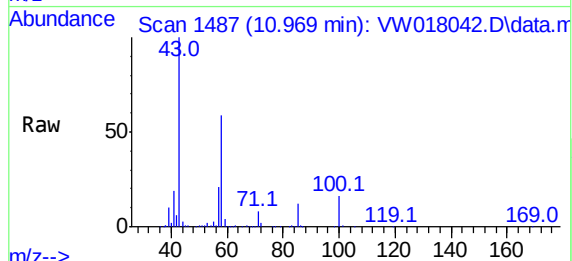




#49
2-Hexanone
Concen: 41.69 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VW018042.D
Acq: 05 Feb 2021 18:47

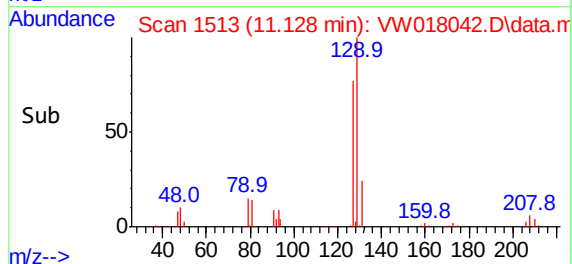
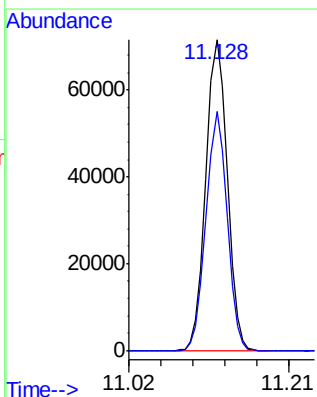
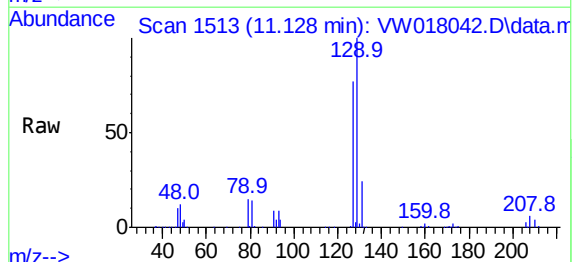
Instrument :
MSVOA_W
ClientSampleId :
VSTD02512

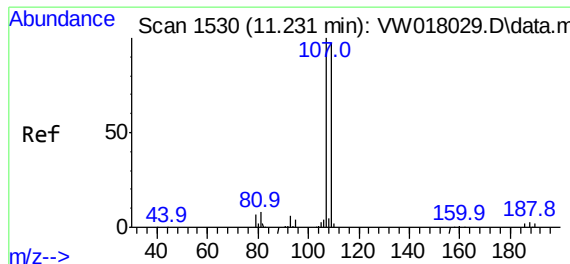
Tgt Ion: 43 Resp: 90310
Ion Ratio Lower Upper
43 100
58 58.3 51.3 76.9
57 21.2 15.0 22.6
100 15.8 12.2 18.2



#50
Dibromochloromethane
Concen: 23.73 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW018042.D
Acq: 05 Feb 2021 18:47

Tgt Ion: 129 Resp: 121672
Ion Ratio Lower Upper
129 100
127 76.9 53.2 98.8

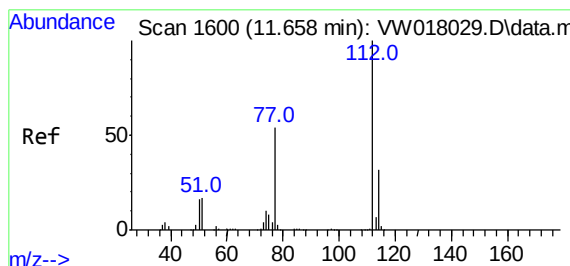
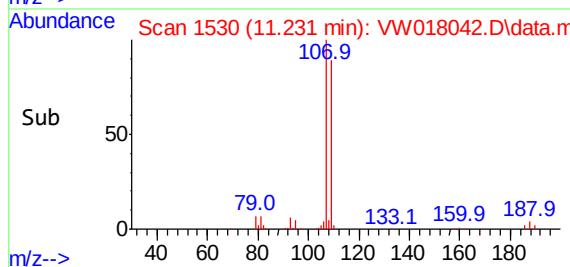
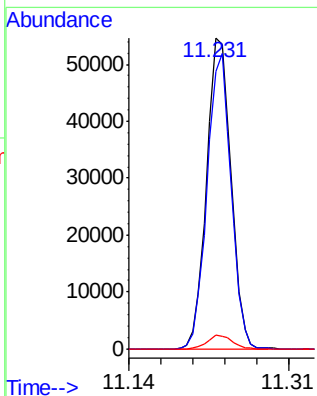
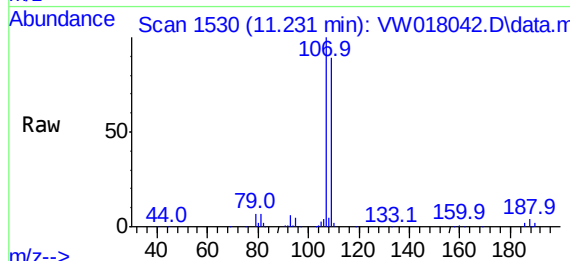




#51
1,2-Dibromoethane
Concen: 22.44 ug/L
RT: 11.231 min Scan# 1530
Delta R.T. 0.000 min
Lab File: VW018042.D
Acq: 05 Feb 2021 18:47

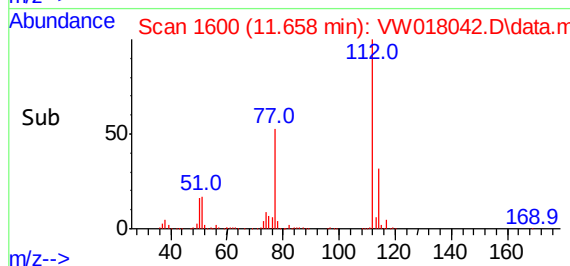
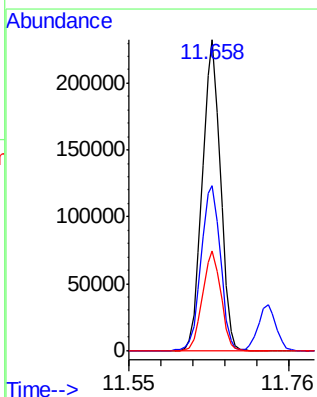
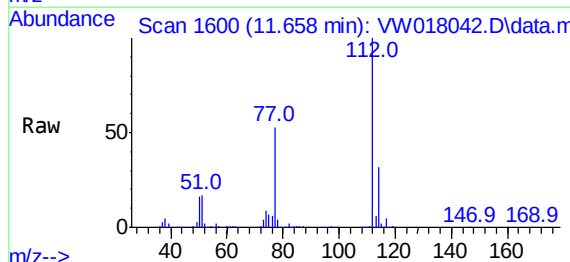
Instrument :
MSVOA_W
ClientSampleId :
VSTD02512

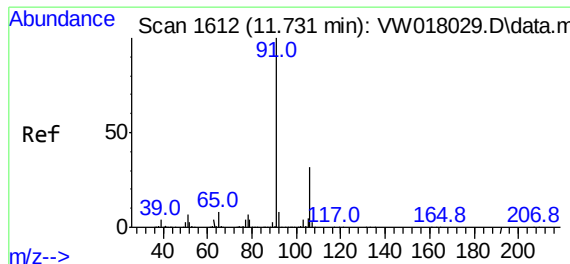
Tgt Ion:107 Resp: 95805
Ion Ratio Lower Upper
107 100
109 89.1 66.4 123.2
188 4.3 4.0 6.0



#52
Chlorobenzene
Concen: 24.00 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW018042.D
Acq: 05 Feb 2021 18:47

Tgt Ion:112 Resp: 380163
Ion Ratio Lower Upper
112 100
77 52.9 42.6 64.0
114 31.9 21.6 40.2

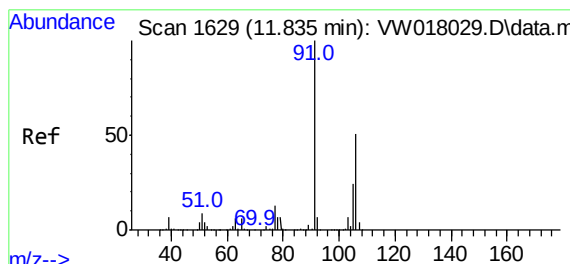
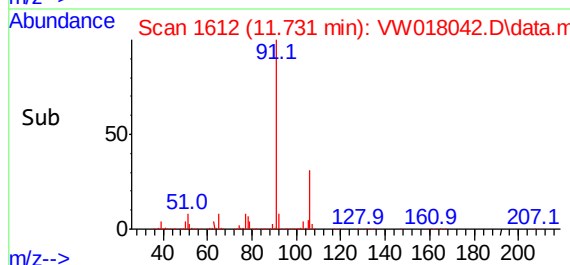
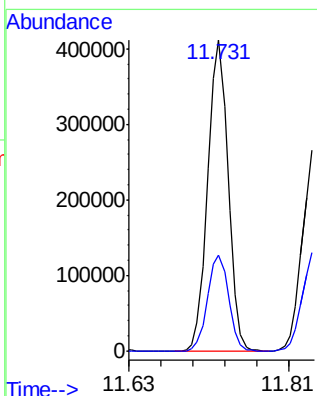
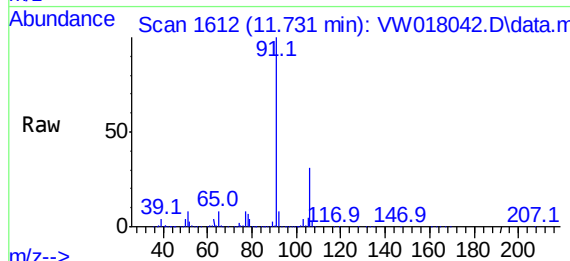




#53
Ethylbenzene
Concen: 23.92 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW018042.D
Acq: 05 Feb 2021 18:47

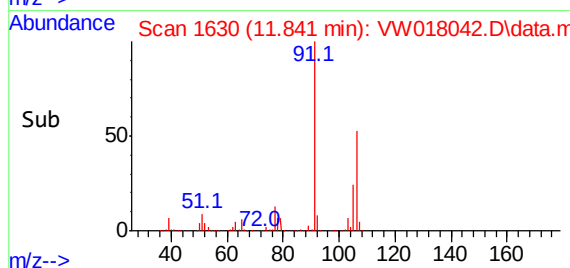
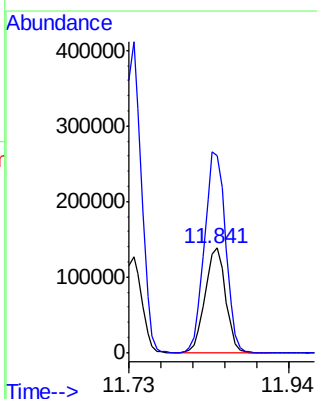
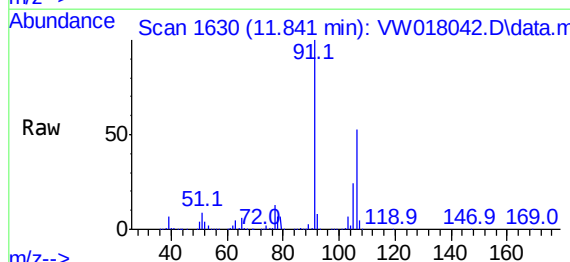
Instrument :
MSVOA_W
ClientSampleId :
VSTD02512

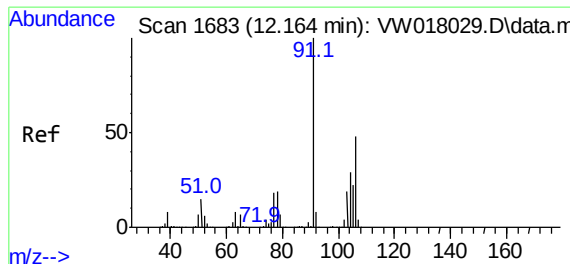
Tgt Ion: 91 Resp: 653709
Ion Ratio Lower Upper
91 100
106 30.7 21.1 39.1



#54
m,p-Xylene
Concen: 24.52 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW018042.D
Acq: 05 Feb 2021 18:47

Tgt Ion: 106 Resp: 255433
Ion Ratio Lower Upper
106 100
91 188.8 136.4 253.4

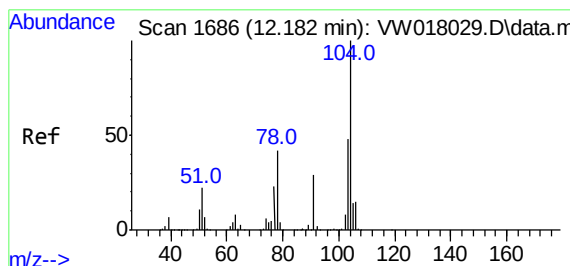
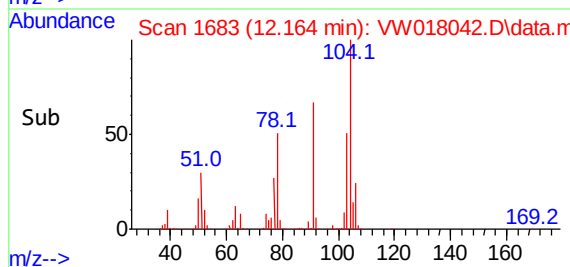
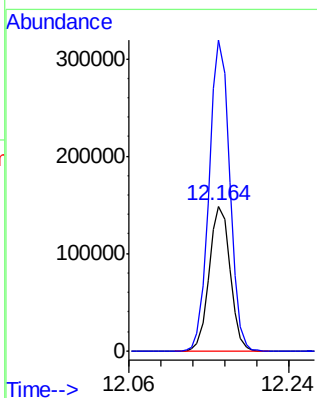
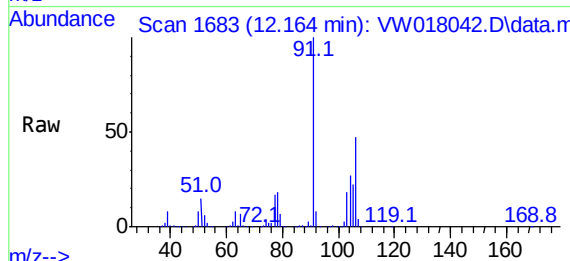




#55
o-xylene
Concen: 24.34 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW018042.D
Acq: 05 Feb 2021 18:47

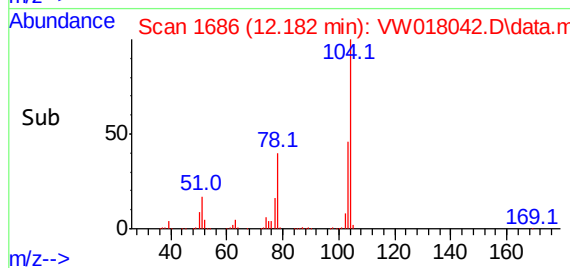
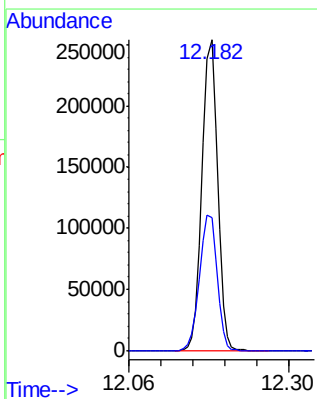
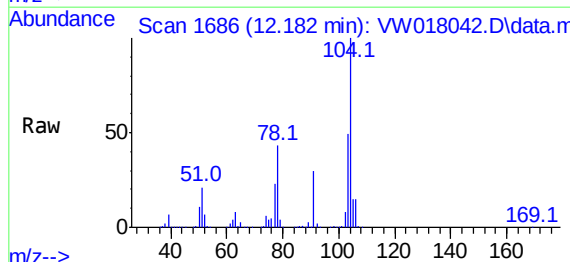
Instrument :
MSVOA_W
ClientSampleId :
VSTD02512

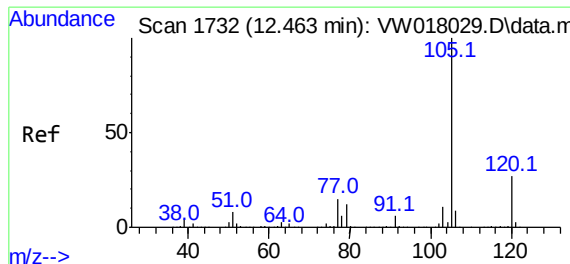
Tgt Ion:106 Resp: 240570
Ion Ratio Lower Upper
106 100
91 214.7 147.6 274.2



#56
Styrene
Concen: 24.56 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW018042.D
Acq: 05 Feb 2021 18:47

Tgt Ion:104 Resp: 412917
Ion Ratio Lower Upper
104 100
78 42.6 31.3 58.1

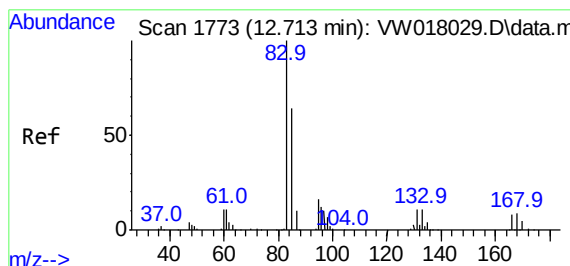
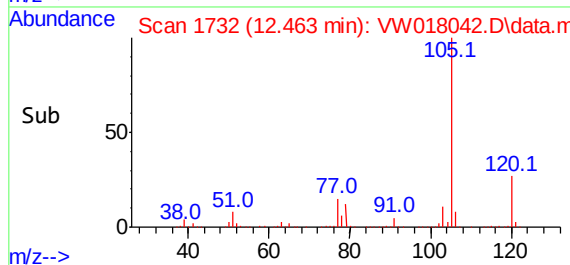
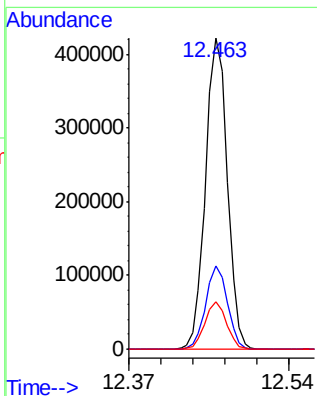
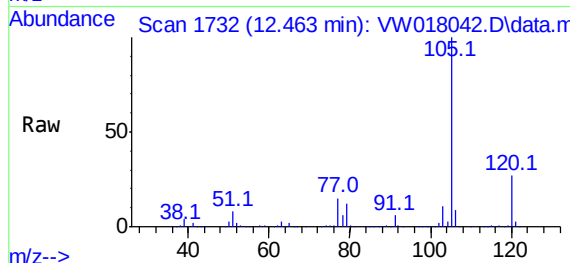




#57
Isopropylbenzene
Concen: 23.96 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW018042.D
Acq: 05 Feb 2021 18:47

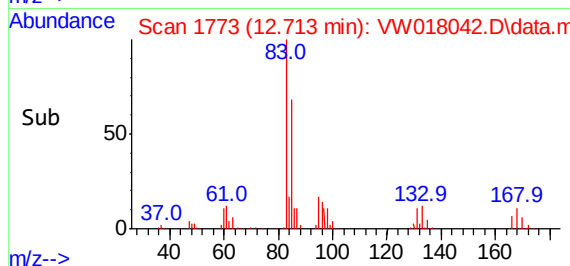
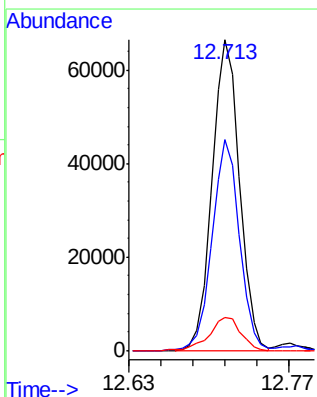
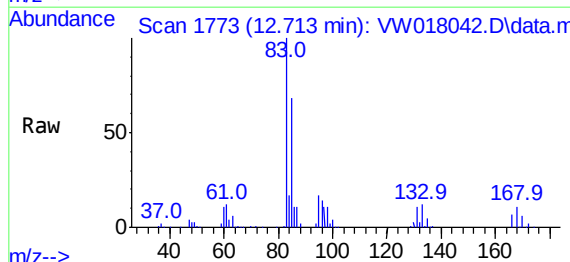
Instrument :
MSVOA_W
ClientSampleId :
VSTD02512

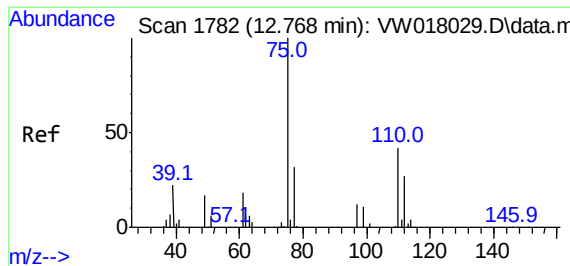
Tgt Ion:105 Resp: 659702
Ion Ratio Lower Upper
105 100
120 26.7 21.4 32.2
77 14.8 12.1 18.1



#58
1,1,2,2-Tetrachloroethane
Concen: 21.43 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW018042.D
Acq: 05 Feb 2021 18:47

Tgt Ion: 83 Resp: 108507
Ion Ratio Lower Upper
83 100
85 67.8 45.3 84.1
131 10.7 8.3 12.5

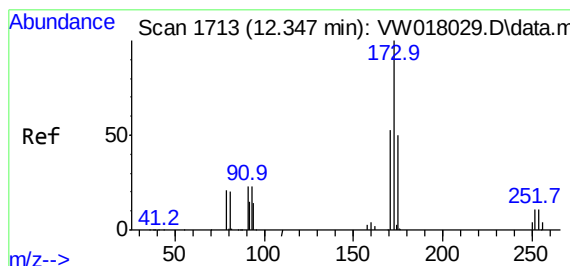
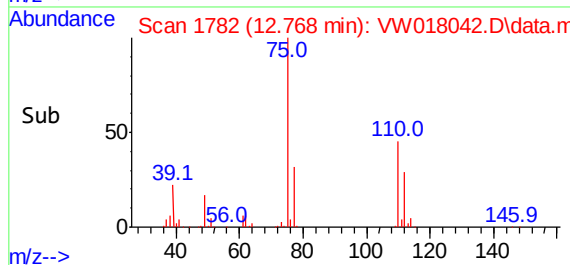
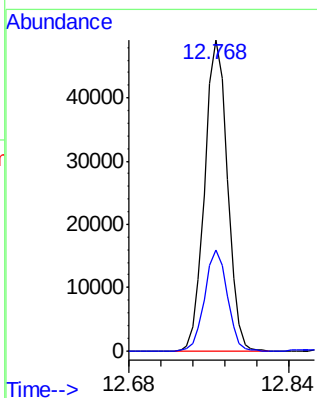
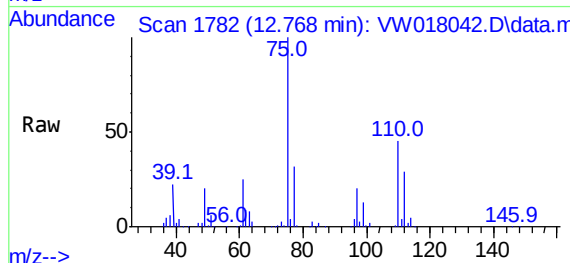




#59
1,2,3-Trichloropropane
Concen: 20.94 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW018042.D
Acq: 05 Feb 2021 18:47

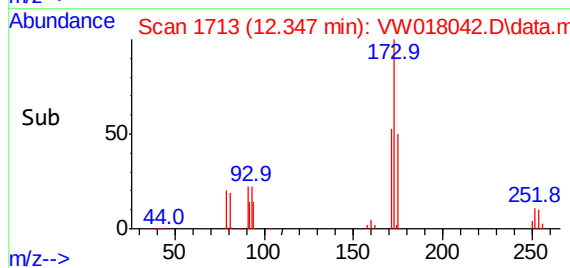
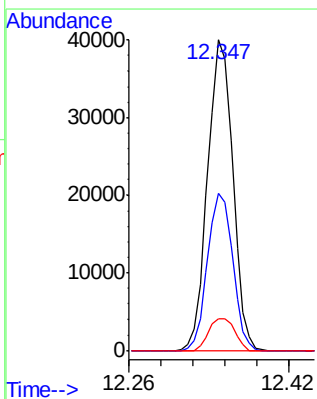
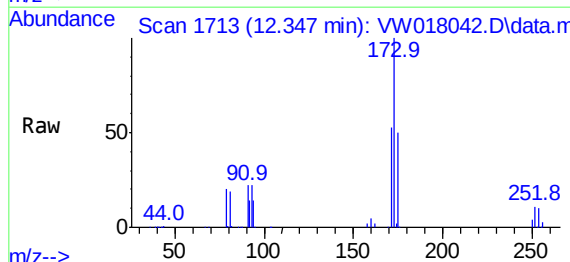
Instrument :
MSVOA_W
ClientSampled :
VSTD02512

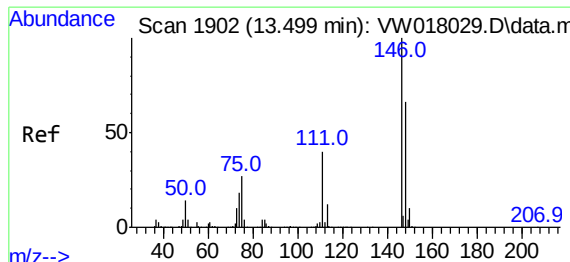
Tgt Ion: 75 Resp: 80325
Ion Ratio Lower Upper
75 100
77 32.3 26.6 39.8



#62
Bromoform
Concen: 22.77 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW018042.D
Acq: 05 Feb 2021 18:47

Tgt Ion: 173 Resp: 68670
Ion Ratio Lower Upper
173 100
175 50.6 39.1 58.7
254 10.6 7.1 10.7

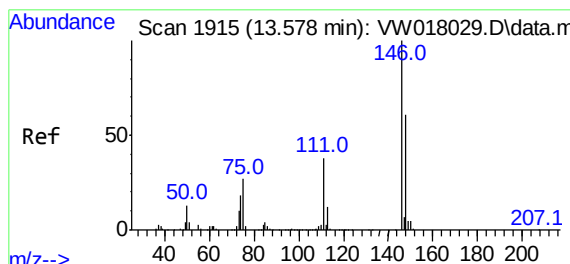
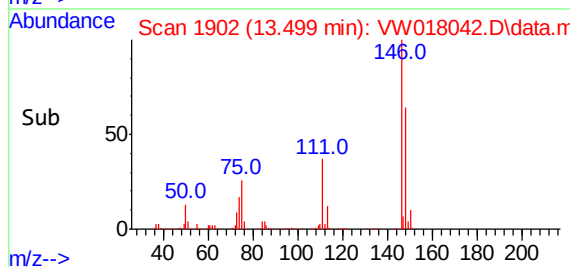
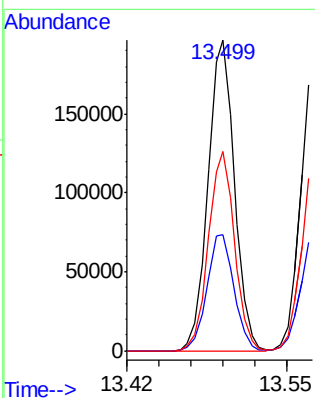
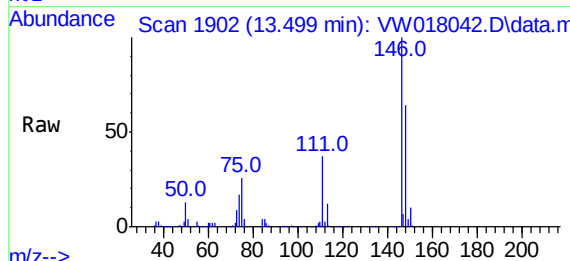




#63
 1,3-Dichlorobenzene
 Concen: 24.80 ug/L
 RT: 13.499 min Scan# 1902
 Delta R.T. 0.000 min
 Lab File: VW018042.D
 Acq: 05 Feb 2021 18:47

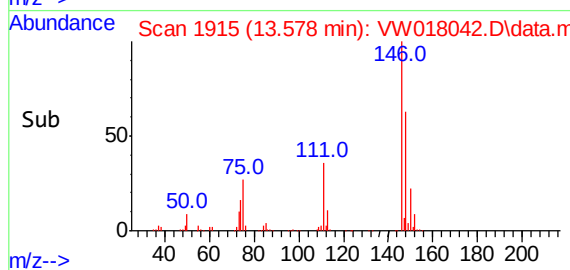
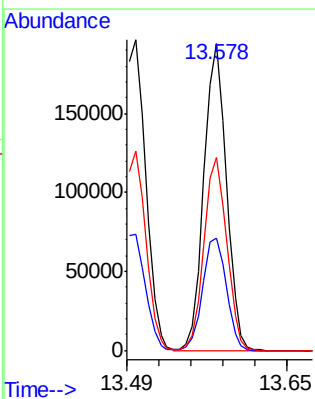
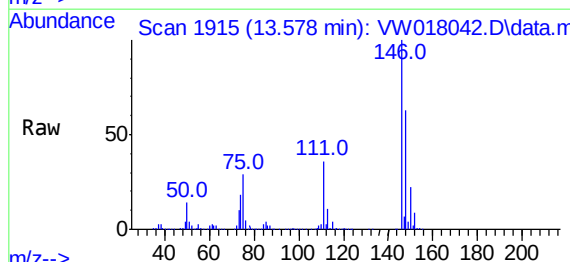
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02512

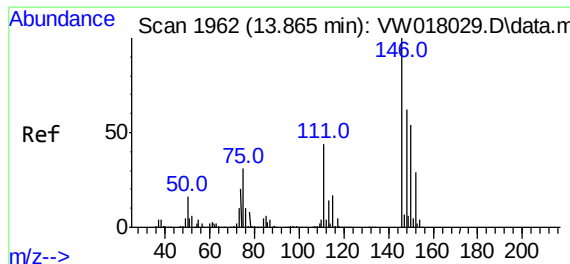
Tgt Ion:146 Resp: 309356
 Ion Ratio Lower Upper
 146 100
 111 37.2 28.5 52.9
 148 64.1 47.8 88.8



#64
 1,4-Dichlorobenzene
 Concen: 23.69 ug/L
 RT: 13.578 min Scan# 1915
 Delta R.T. 0.000 min
 Lab File: VW018042.D
 Acq: 05 Feb 2021 18:47

Tgt Ion:146 Resp: 297194
 Ion Ratio Lower Upper
 146 100
 111 36.4 27.7 51.5
 148 62.7 47.0 87.2

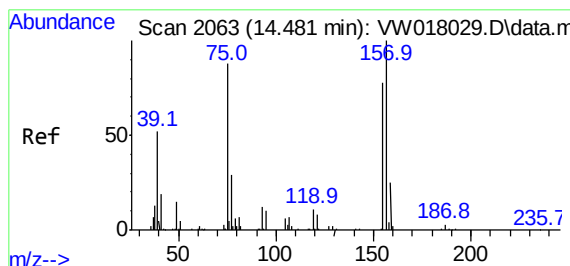
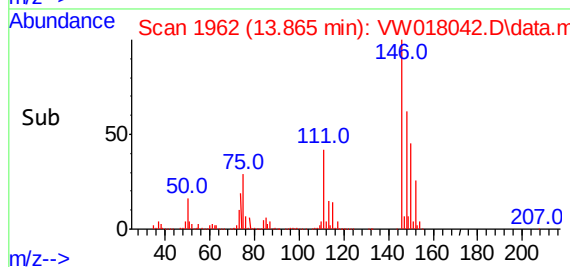
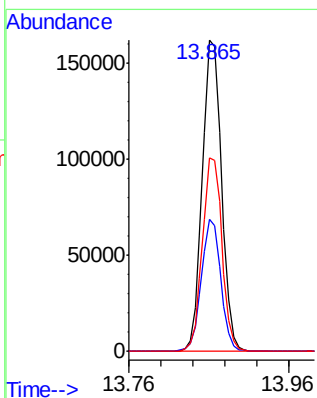
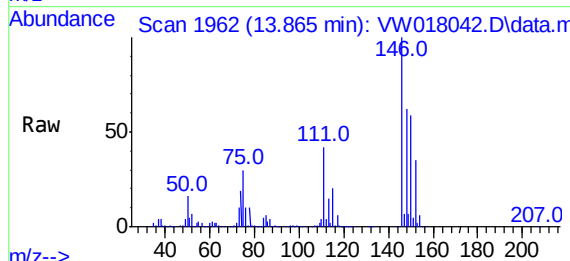




#65
1,2-Dichlorobenzene
Concen: 24.05 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. 0.000 min
Lab File: VW018042.D
Acq: 05 Feb 2021 18:47

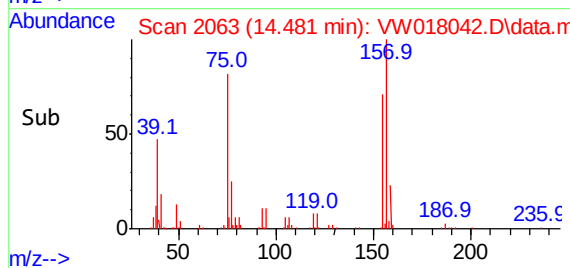
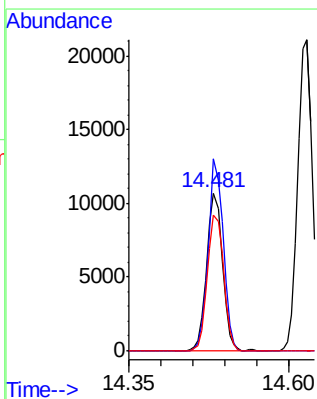
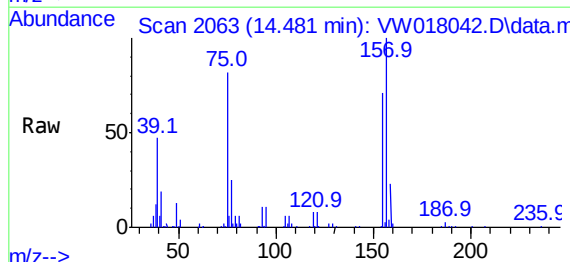
Instrument :
MSVOA_W
ClientSampleId :
VSTD02512

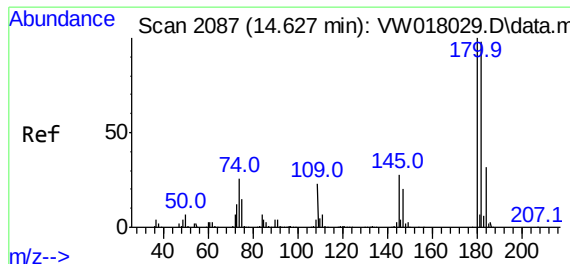
Tgt Ion:146 Resp: 270475
Ion Ratio Lower Upper
146 100
111 42.2 31.7 47.5
148 62.0 49.3 73.9



#66
1,2-Dibromo-3-chloropropane
Concen: 20.52 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW018042.D
Acq: 05 Feb 2021 18:47

Tgt Ion: 75 Resp: 17484
Ion Ratio Lower Upper
75 100
157 121.4 99.9 149.9
155 85.8 71.4 107.0



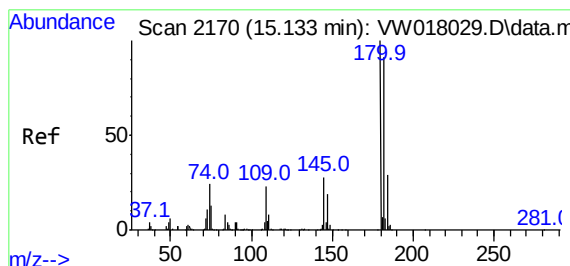
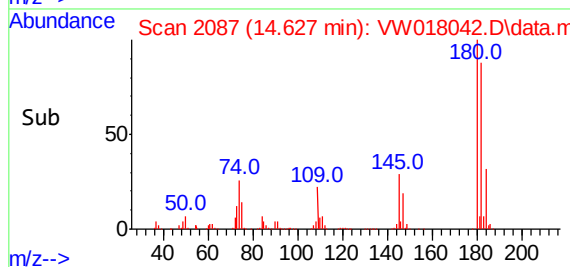
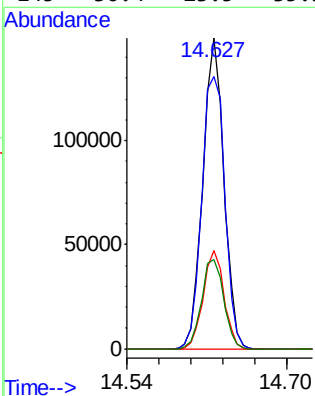
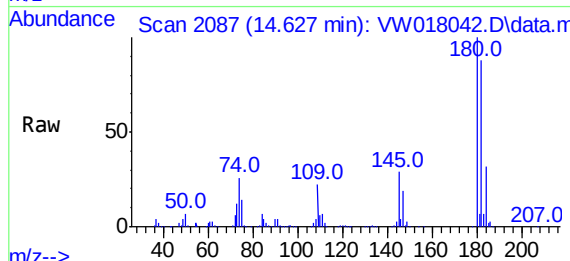


#67
 1,3,5-Trichlorobenzene
 Concen: 23.58 ug/L
 RT: 14.627 min Scan# 2087
 Delta R.T. 0.000 min
 Lab File: VW018042.D
 Acq: 05 Feb 2021 18:47

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02512

Tgt Ion:180 Resp: 225952

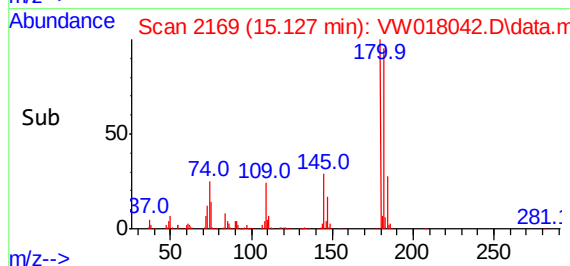
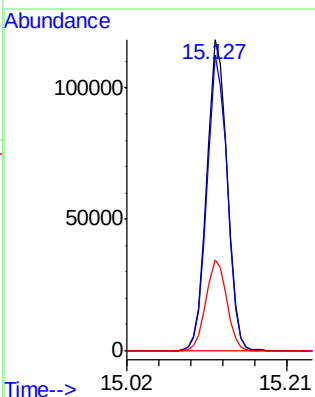
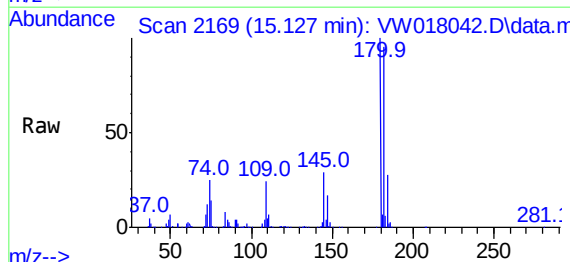
Ion	Ratio	Lower	Upper
180	100		
182	96.5	77.0	115.6
184	31.3	24.2	36.4
145	30.4	23.5	35.3

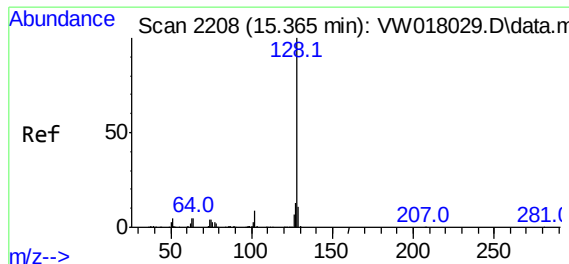


#68
 1,2,4-trichlorobenzene
 Concen: 23.84 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. -0.006 min
 Lab File: VW018042.D
 Acq: 05 Feb 2021 18:47

Tgt Ion:180 Resp: 190463

Ion	Ratio	Lower	Upper
180	100		
182	94.6	71.3	106.9
145	29.4	24.0	36.0

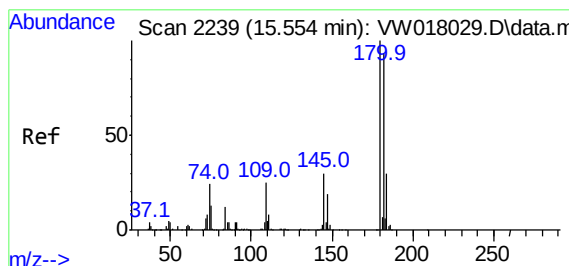
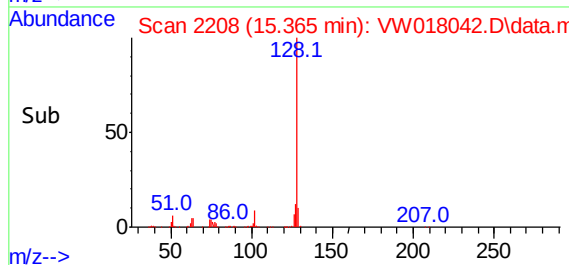
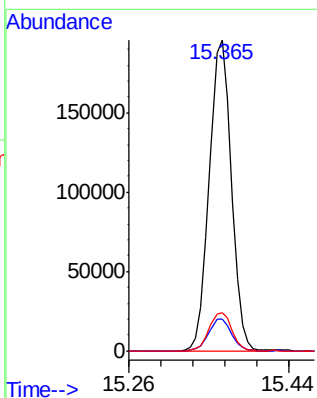
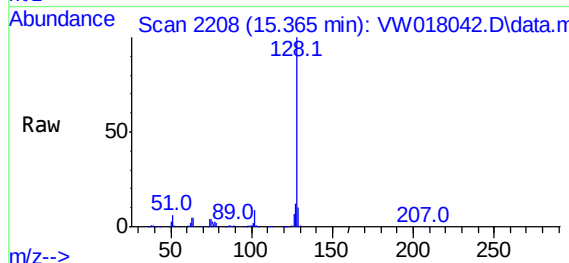




#69
Naphthalene
Concen: 22.13 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW018042.D
Acq: 05 Feb 2021 18:47

Instrument :
MSVOA_W
ClientSampleId :
VSTD02512

Tgt Ion:128 Resp: 343870
Ion Ratio Lower Upper
128 100
129 10.5 8.7 13.1
127 12.7 10.7 16.1



#70
1,2,3-Trichlorobenzene
Concen: 22.58 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VW018042.D
Acq: 05 Feb 2021 18:47

Tgt Ion:180 Resp: 160784
Ion Ratio Lower Upper
180 100
182 95.3 74.7 112.1
145 31.6 25.4 38.0

