

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012221\
 Data File : VW017977.D
 Acq On : 22 Jan 2021 14:46
 Operator : SY/VA
 Sample : VSTD00505
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005105

Quant Time: Jan 22 15:50:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM012221SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jan 22 15:49:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	303664	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	278833	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	141010	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	29633	5.72	ug/L	0.00
7) Chloroethane-d5	2.885	69	24465	5.45	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.013	63	46977	5.40	ug/L	0.00
21) 2-Butanone-d5	7.080	46	13095	9.80	ug/L	0.00
24) Chloroform-d	7.647	84	44286	5.09	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	26276	5.22	ug/L	0.00
32) Benzene-d6	8.275	84	84777	5.16	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	24023	5.12	ug/L	0.00
41) Toluene-d8	10.323	98	77785	4.95	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	9558	4.37	ug/L	0.00
47) 2-Hexanone-d5	10.920	63	8041	9.15	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.694	84	23270	5.16	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	24738	4.75	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	20303	5.48	ug/L	98
3) Chloromethane	2.209	50	19694	6.12	ug/L	93
5) Vinyl chloride	2.361	62	30235	5.71	ug/L	97
6) Bromomethane	2.769	94	29661	6.37	ug/L	96
8) Chloroethane	2.916	64	19812	5.71	ug/L	93
9) Trichlorofluoromethane	3.257	101	17631	4.92	ug/L	91
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	24577	5.92	ug/L	97
12) 1,1-Dichloroethene	4.037	96	22048	5.64	ug/L	84
13) Acetone	4.129	43	4980	5.54	ug/L	76
14) Carbon disulfide	4.385	76	62972	5.62	ug/L	97
15) Methyl Acetate	4.678	43	11678	5.96	ug/L	96
16) Methylene chloride	4.921	84	27712	5.67	ug/L	89
17) trans-1,2-Dichloroethene	5.427	96	23102	5.50	ug/L	98
18) Methyl tert-butyl Ether	5.421	73	25885	4.92	ug/L #	80
19) 1,1-Dichloroethane	6.214	63	39250	5.31	ug/L	94
20) cis-1,2-Dichloroethene	7.171	96	23177	5.18	ug/L	97
22) 2-Butanone	7.183	43	15666	10.47	ug/L	98
23) Bromochloromethane	7.512	128	10831	5.28	ug/L	96
25) Chloroform	7.671	83	42285	5.38	ug/L	100
27) 1,2-Dichloroethane	8.396	62	30451	5.46	ug/L	100
29) Cyclohexane	7.951	56	35533	5.41	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	33395	5.18	ug/L	99
31) Carbon tetrachloride	8.067	117	32547	5.40	ug/L	95
33) Benzene	8.323	78	91937	5.59	ug/L	100
34) Trichloroethene	9.091	95	24664	5.53	ug/L	93
35) Methylcyclohexane	9.335	83	40925	5.36	ug/L	98
37) 1,2-Dichloropropane	9.366	63	22178	5.61	ug/L	99
38) Bromodichloromethane	9.646	83	29323	5.26	ug/L #	89
39) cis-1,3-Dichloropropene	10.073	75	29354	4.68	ug/L	98
40) 4-Methyl-2-pentanone	10.213	43	30850	10.84	ug/L	97
42) Toluene	10.390	91	96911	5.25	ug/L	99
44) trans-1,3-Dichloropropene	10.609	75	25647	4.54	ug/L	97

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

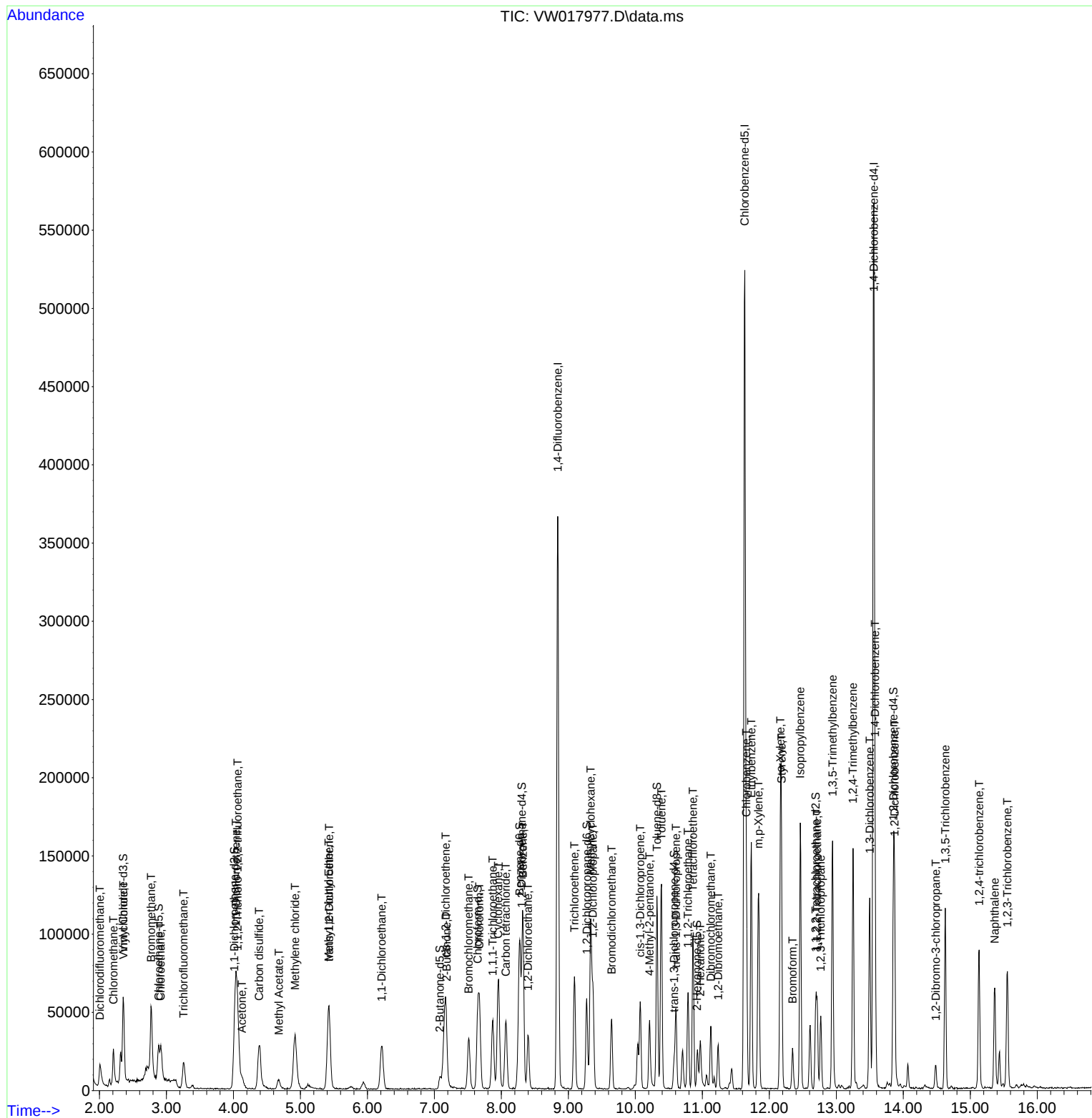
45) 1,1,2-Trichloroethane	10.786	97	17834	5.36	ug/L	98
46) Tetrachloroethene	10.859	164	18663	5.46	ug/L	91
48) 2-Hexanone	10.969	43	21828	10.97	ug/L	97
49) Dibromochloromethane	11.128	129	18616	4.88	ug/L	99
50) 1,2-Dibromoethane	11.237	107	17295	5.25	ug/L	99
51) Chlorobenzene	11.658	112	62226	5.29	ug/L	98
52) Ethylbenzene	11.731	91	106809	5.10	ug/L	100
53) m,p-Xylene	11.841	106	41102	5.06	ug/L	97
54) o-Xylene	12.164	106	36812	4.83	ug/L	97
55) Styrene	12.182	104	61580	4.70	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	23280	5.40	ug/L	99
59) Bromoform	12.347	173	9766	4.67	ug/L #	95
60) Isopropylbenzene	12.463	105	103295	5.03	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	17320	5.54	ug/L	99
62) 1,3,5-Trimethylbenzene	12.944	105	82075	5.02	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	78692	4.75	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	44463	5.04	ug/L	95
65) 1,4-Dichlorobenzene	13.578	146	45501	5.17	ug/L	96
67) 1,2-Dichlorobenzene	13.871	146	42476	5.33	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.487	75	3747	5.07	ug/L	97
69) 1,3,5-Trichlorobenzene	14.627	180	30715	5.17	ug/L	98
70) 1,2,4-trichlorobenzene	15.133	180	24341	4.76	ug/L	96
71) Naphthalene	15.365	128	53029	4.47	ug/L	97
72) 1,2,3-Trichlorobenzene	15.554	180	23046	5.04	ug/L	98

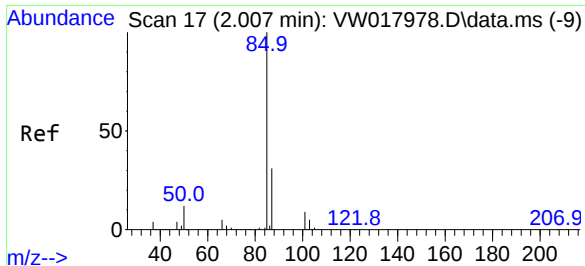
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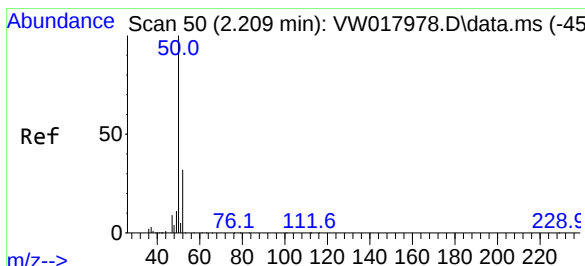
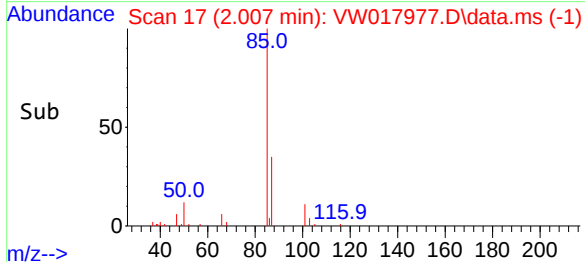
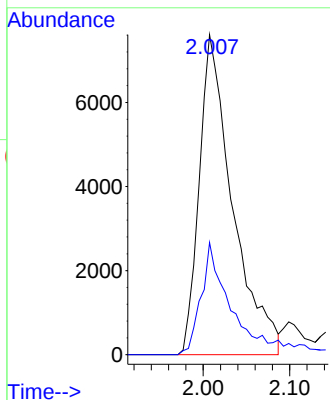
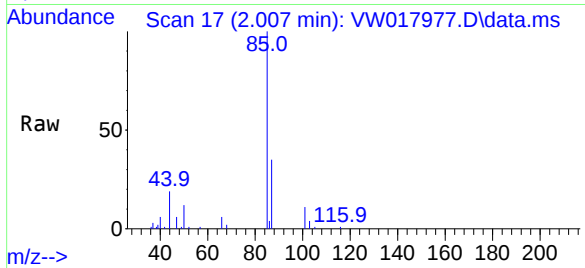




#2
Dichlorodifluoromethane
Concen: 5.48 ug/L
RT: 2.007 min Scan# 17
Delta R.T. -0.000 min
Lab File: VW017977.D
Acq: 22 Jan 2021 14:46

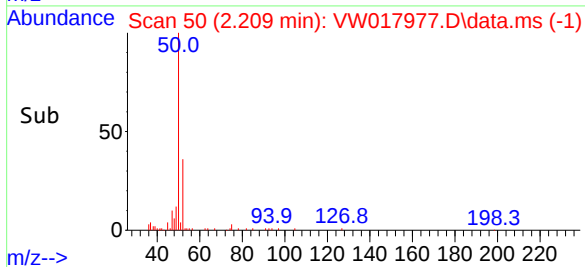
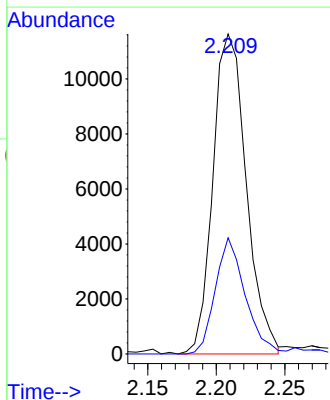
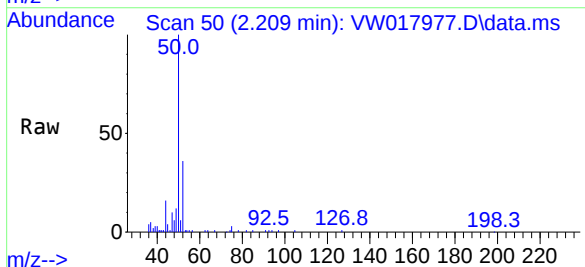
Instrument :
MSVOA_W
ClientSampleId :
VSTD005105

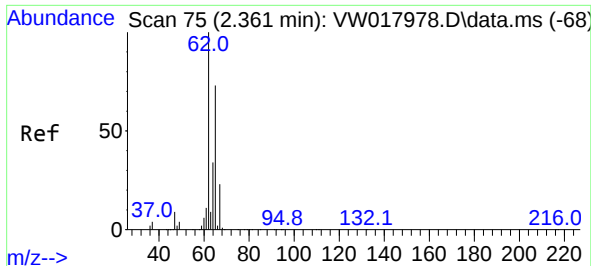
Tgt Ion: 85 Resp: 20303
Ion Ratio Lower Upper
85 100
87 28.3 23.3 34.9



#3
Chloromethane
Concen: 6.12 ug/L
RT: 2.209 min Scan# 50
Delta R.T. -0.000 min
Lab File: VW017977.D
Acq: 22 Jan 2021 14:46

Tgt Ion: 50 Resp: 19694
Ion Ratio Lower Upper
50 100
52 36.3 22.5 41.9

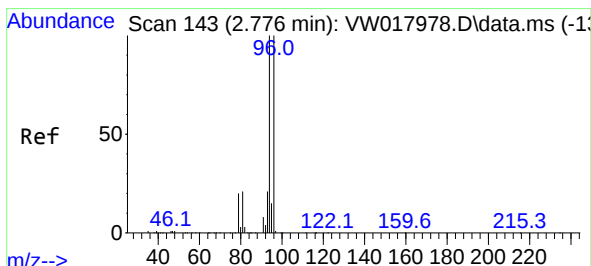
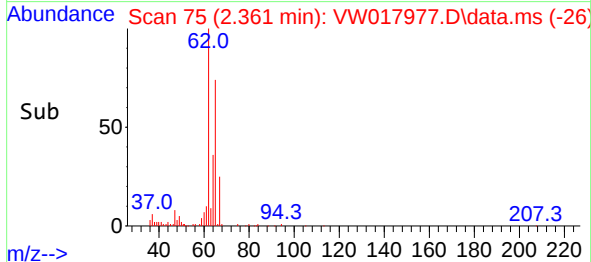
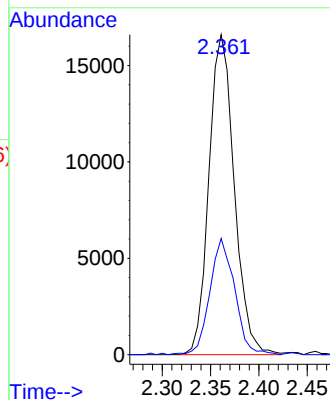
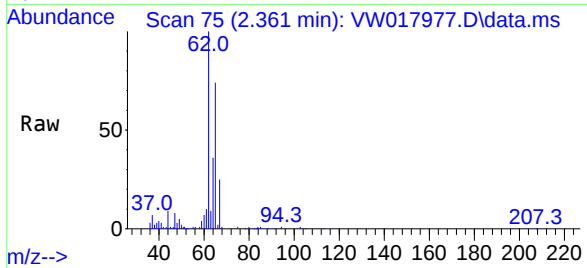




#5
 Vinyl chloride
 Concen: 5.71 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VW017977.D
 Acq: 22 Jan 2021 14:46

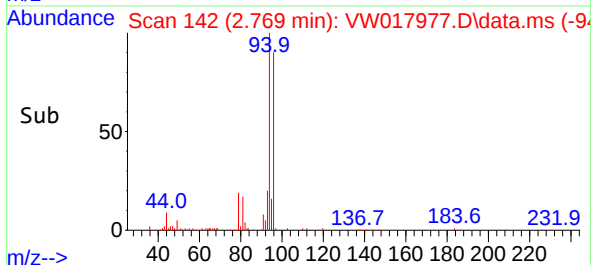
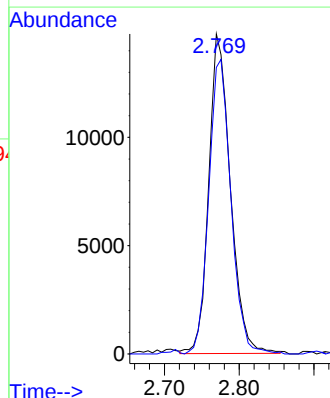
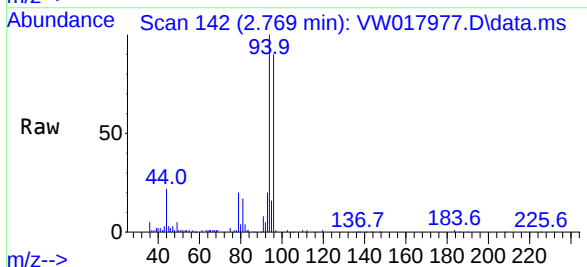
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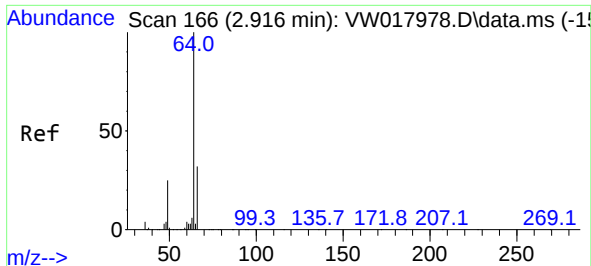
Tgt Ion: 62 Resp: 30235
 Ion Ratio Lower Upper
 62 100
 64 36.3 24.2 45.0



#6
 Bromomethane
 Concen: 6.37 ug/L
 RT: 2.769 min Scan# 142
 Delta R.T. -0.006 min
 Lab File: VW017977.D
 Acq: 22 Jan 2021 14:46

Tgt Ion: 94 Resp: 29661
 Ion Ratio Lower Upper
 94 100
 96 89.5 65.3 121.3

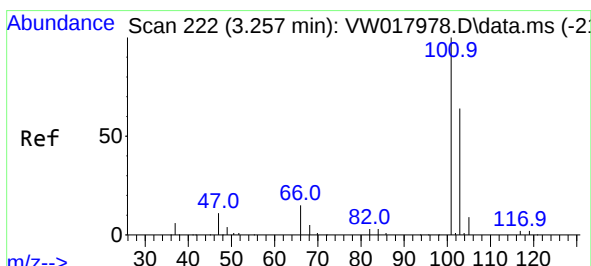
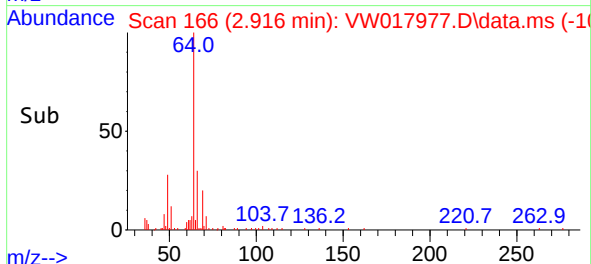
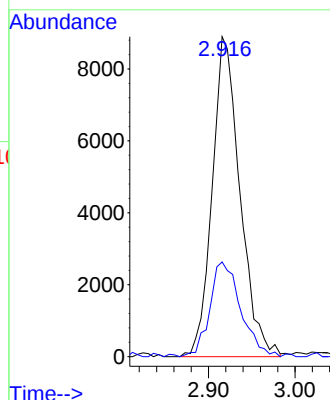
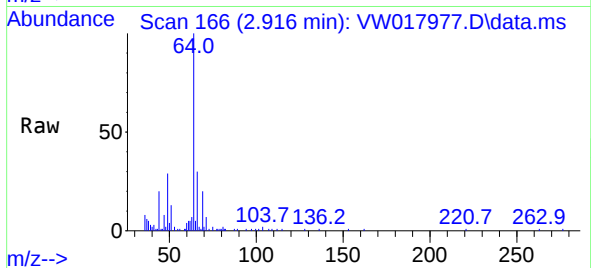




#8
Chloroethane
Concen: 5.71 ug/L
RT: 2.916 min Scan# 166
Delta R.T. -0.000 min
Lab File: VW017977.D
Acq: 22 Jan 2021 14:46

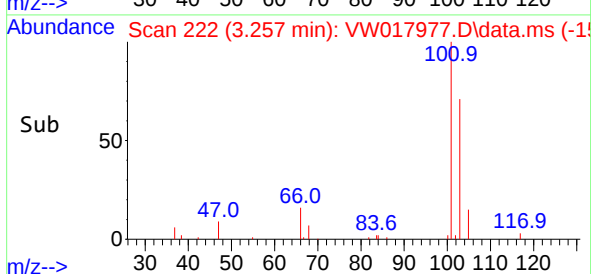
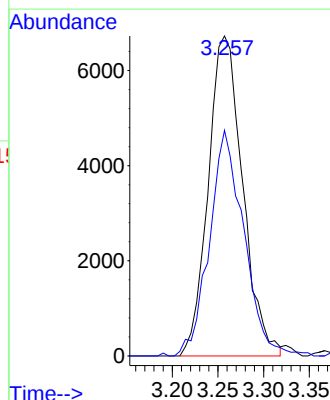
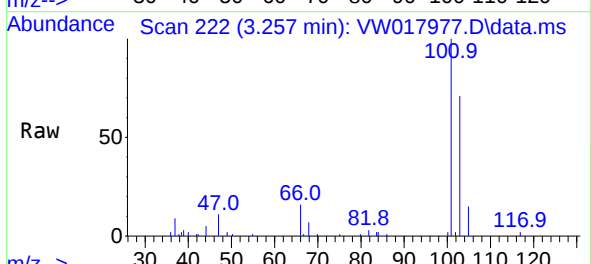
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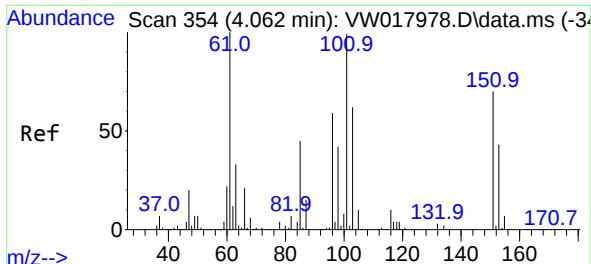
Tgt Ion: 64 Resp: 19812
Ion Ratio Lower Upper
64 100
66 29.6 23.4 43.6



#9
Trichlorofluoromethane
Concen: 4.92 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.000 min
Lab File: VW017977.D
Acq: 22 Jan 2021 14:46

Tgt Ion: 101 Resp: 17631
Ion Ratio Lower Upper
101 100
103 70.6 51.0 76.4

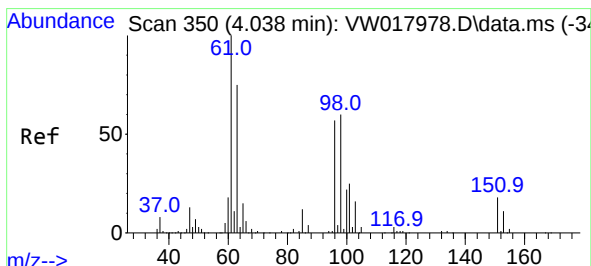
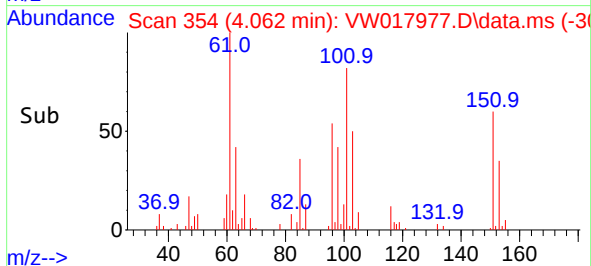
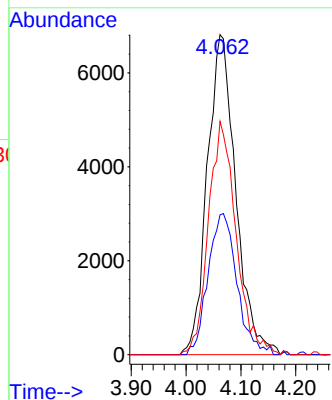
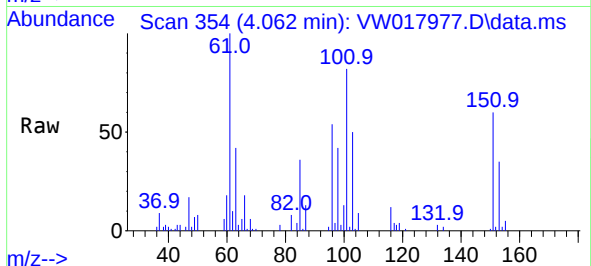




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.92 ug/L
RT: 4.062 min Scan# 354
Delta R.T. -0.000 min
Lab File: VW017977.D
Acq: 22 Jan 2021 14:46

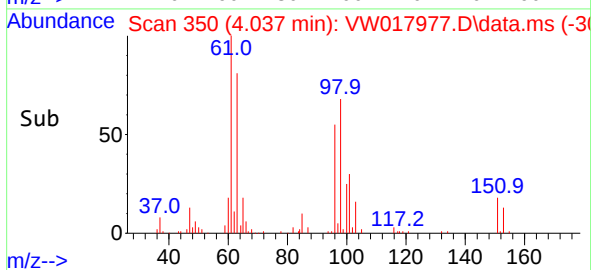
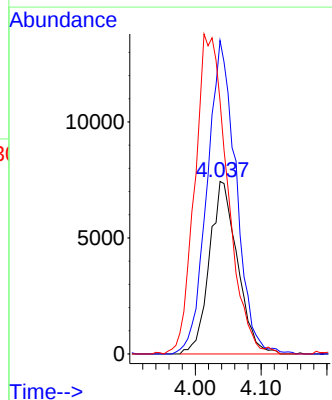
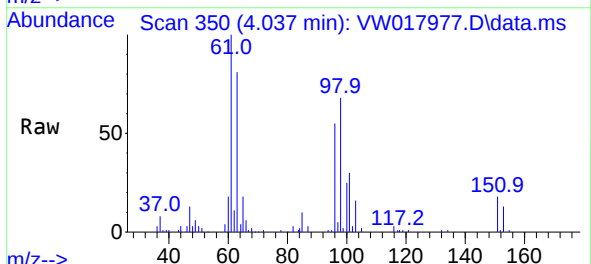
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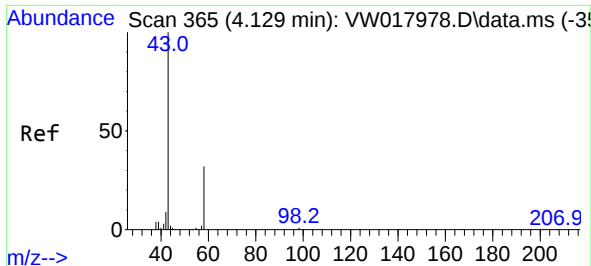
Tgt Ion:101 Resp: 24577
Ion Ratio Lower Upper
101 100
85 44.5 38.2 57.2
151 69.5 56.6 85.0



#12
1,1-Dichloroethene
Concen: 5.64 ug/L
RT: 4.037 min Scan# 350
Delta R.T. -0.000 min
Lab File: VW017977.D
Acq: 22 Jan 2021 14:46

Tgt Ion: 96 Resp: 22048
Ion Ratio Lower Upper
96 100
61 181.7 118.1 219.3
63 146.6 83.7 155.5

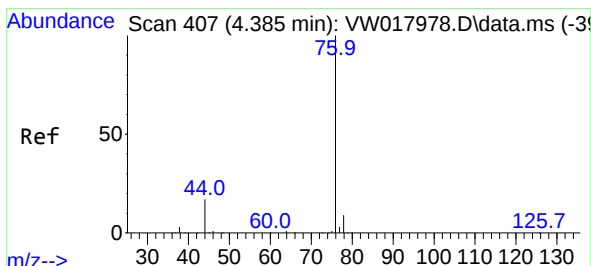
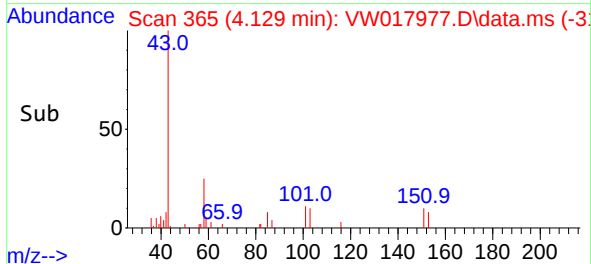
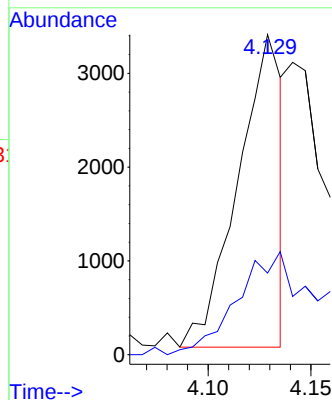
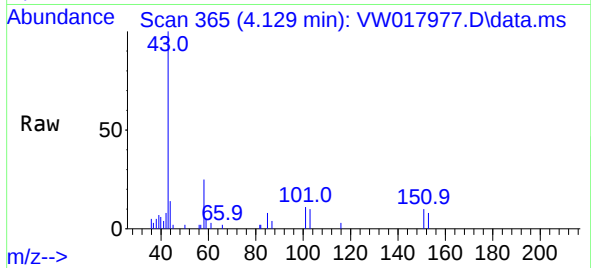




#13
Acetone
Concen: 5.54 ug/L
RT: 4.129 min Scan# 365
Delta R.T. -0.000 min
Lab File: VW017977.D
Acq: 22 Jan 2021 14:46

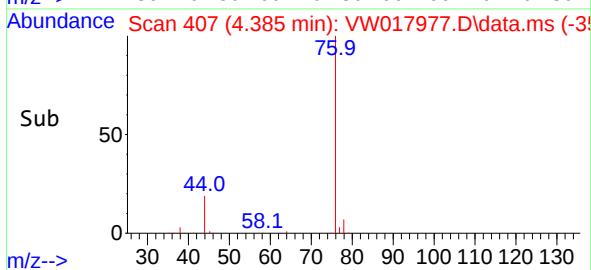
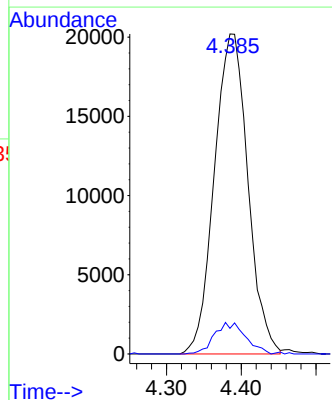
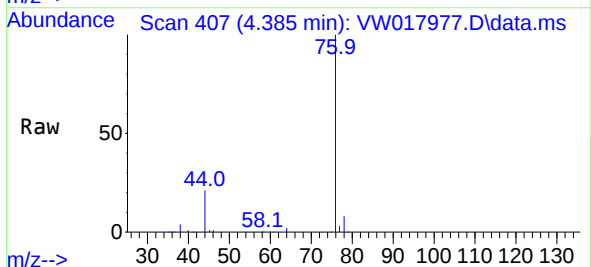
Instrument :
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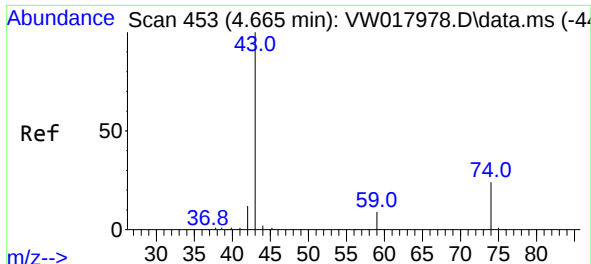
Tgt Ion: 43 Resp: 4980
Ion Ratio Lower Upper
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58 39.1 0.0 53.8



#14
Carbon disulfide
Concen: 5.62 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
Lab File: VW017977.D
Acq: 22 Jan 2021 14:46

Tgt Ion: 76 Resp: 62972
Ion Ratio Lower Upper
76 100
78 8.0 7.4 11.0

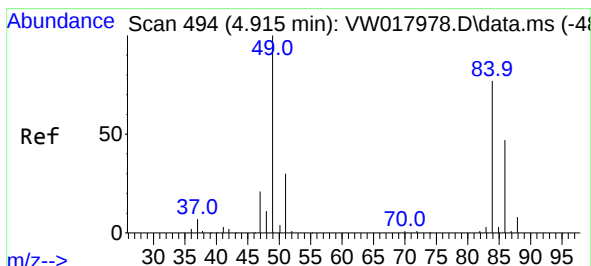
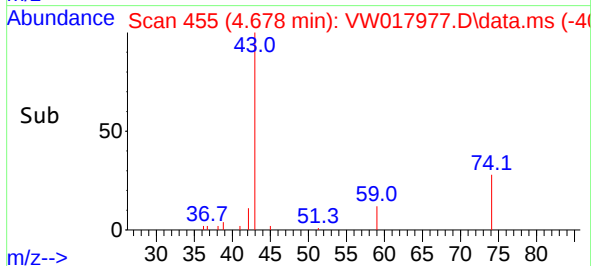
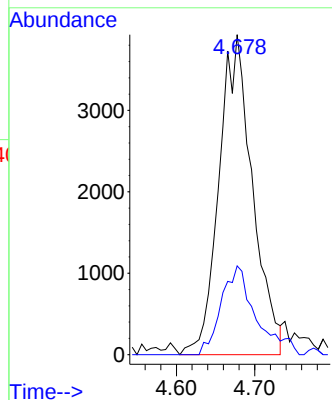
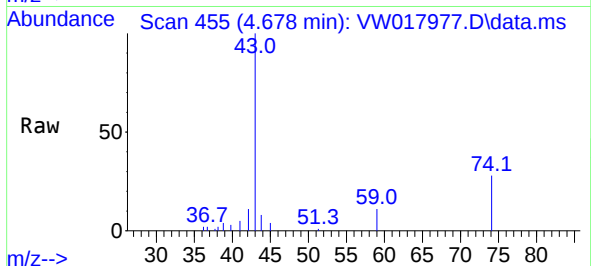




#15
Methyl Acetate
Concen: 5.96 ug/L
RT: 4.678 min Scan# 455
Delta R.T. 0.012 min
Lab File: VW017977.D
Acq: 22 Jan 2021 14:46

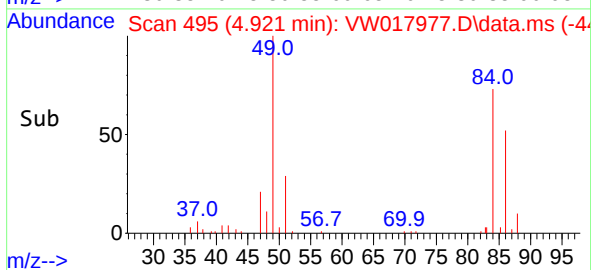
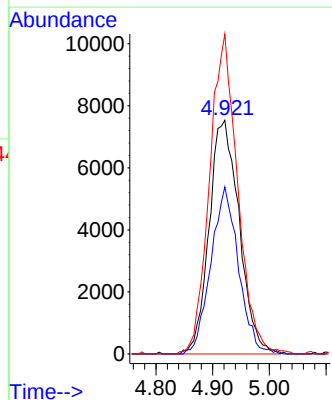
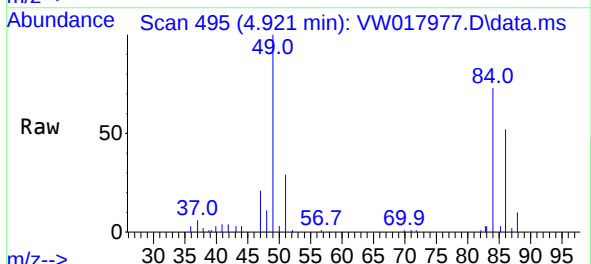
Instrument :
MSVOA_W
ClientSampleId :
VSTD005105

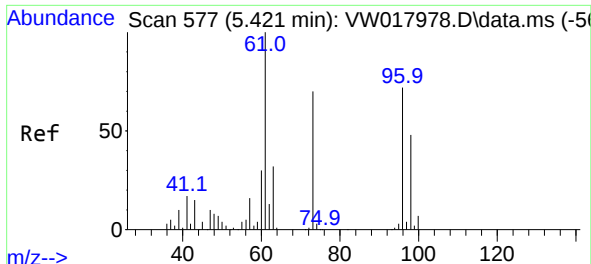
Tgt Ion: 43 Resp: 11678
Ion Ratio Lower Upper
43 100
74 27.1 20.0 30.0



#16
Methylene chloride
Concen: 5.67 ug/L
RT: 4.921 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW017977.D
Acq: 22 Jan 2021 14:46

Tgt Ion: 84 Resp: 27712
Ion Ratio Lower Upper
84 100
86 71.5 45.3 84.1
49 136.9 86.6 160.8

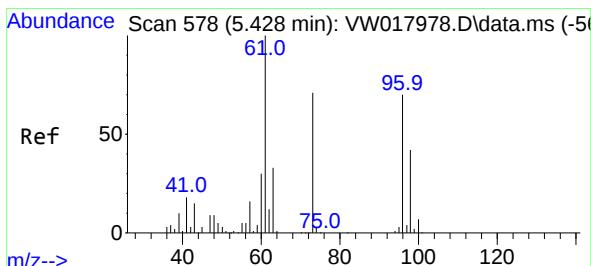
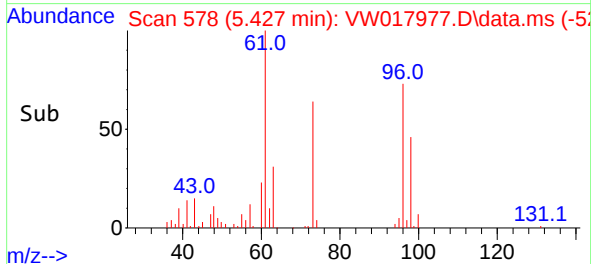
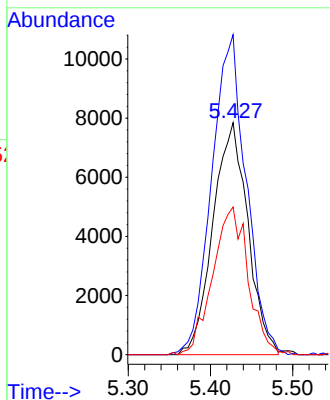
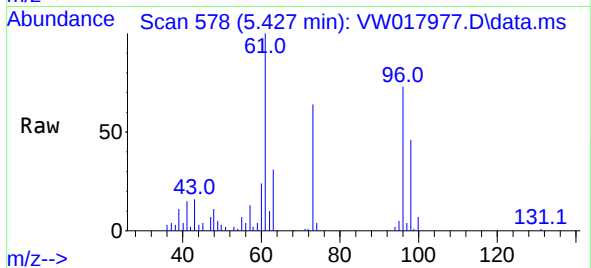




#17
trans-1,2-Dichloroethene
Concen: 5.50 ug/L
RT: 5.427 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW017977.D
Acq: 22 Jan 2021 14:46

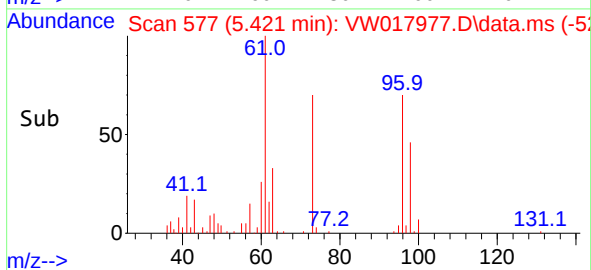
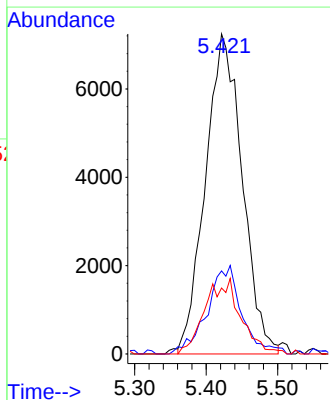
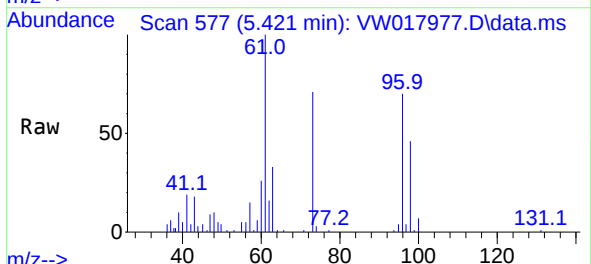
Instrument :
MSVOA_W
ClientSampleId :
VSTD005105

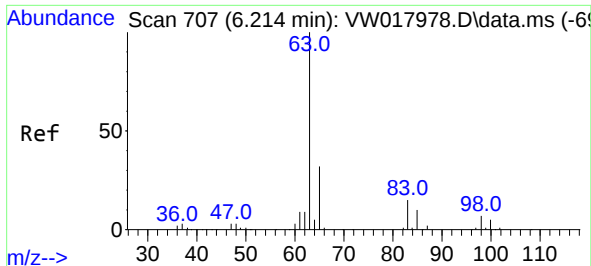
Tgt Ion: 96 Resp: 23102
Ion Ratio Lower Upper
96 100
61 137.9 98.3 182.7
98 63.7 46.1 85.7



#18
Methyl tert-butyl Ether
Concen: 4.92 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW017977.D
Acq: 22 Jan 2021 14:46

Tgt Ion: 73 Resp: 25885
Ion Ratio Lower Upper
73 100
43 15.0 17.7 26.5#
57 9.8 17.0 25.4#





#19

1,1-Dichloroethane

Concen: 5.31 ug/L

RT: 6.214 min Scan# 707

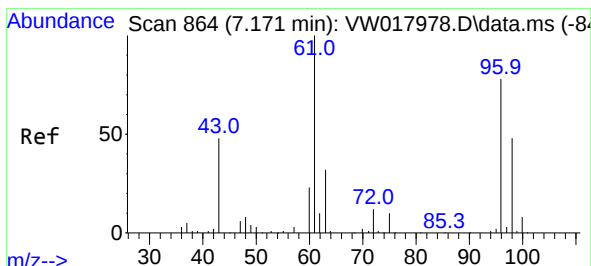
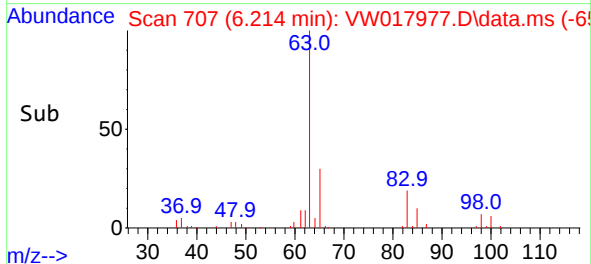
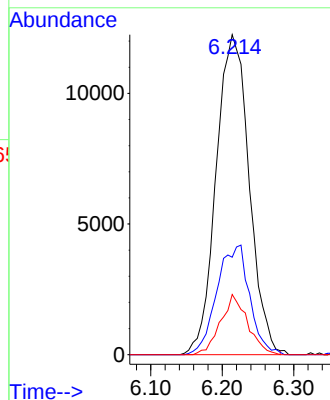
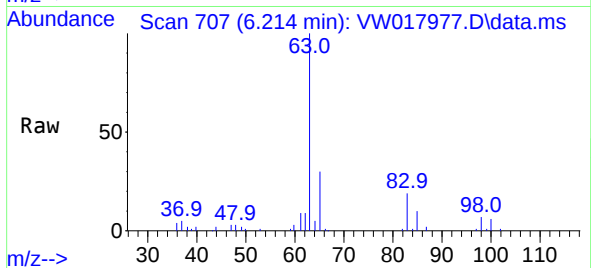
Delta R.T. -0.000 min

Lab File: VW017977.D

Acq: 22 Jan 2021 14:46

Tgt Ion:	63	Resp:	39250
Ion	Ratio	Lower	Upper
63	100		
65	30.4	22.9	42.5
83	18.8	10.2	19.0

Instrument :
MSVOA_W
ClientSampleId :
VSTD005105



#20

cis-1,2-Dichloroethene

Concen: 5.18 ug/L

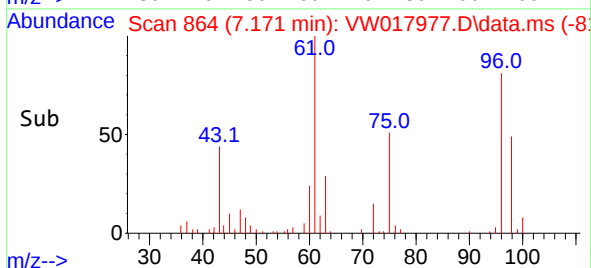
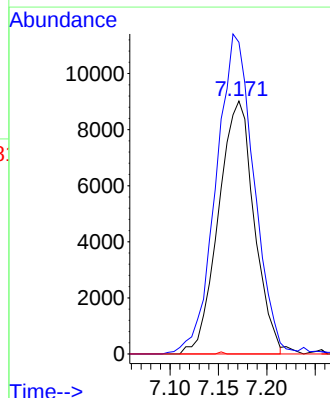
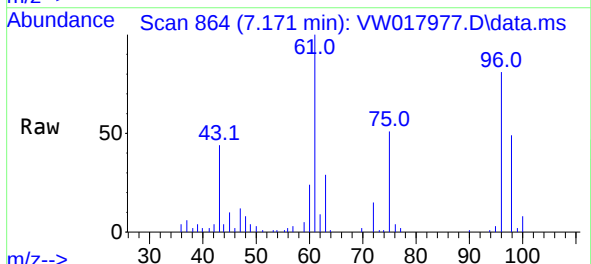
RT: 7.171 min Scan# 864

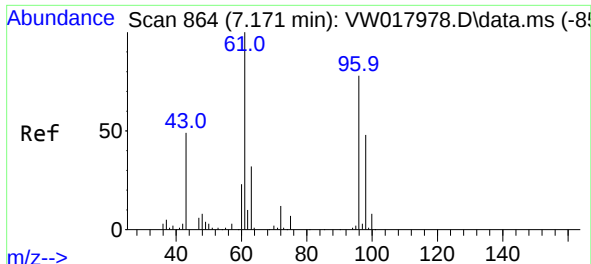
Delta R.T. -0.000 min

Lab File: VW017977.D

Acq: 22 Jan 2021 14:46

Tgt Ion:	96	Resp:	23177
Ion	Ratio	Lower	Upper
96	100		
61	123.2	88.5	164.3
68	0.0	0.0	0.0

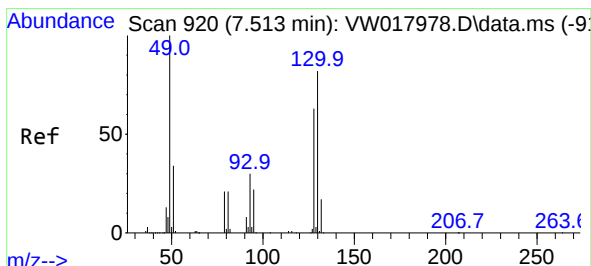
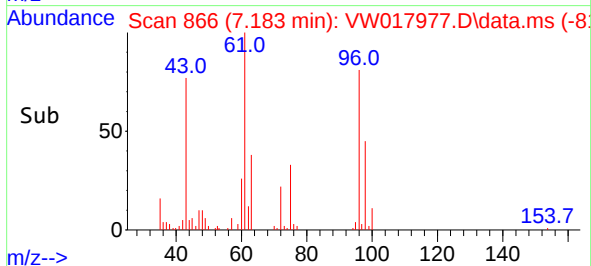
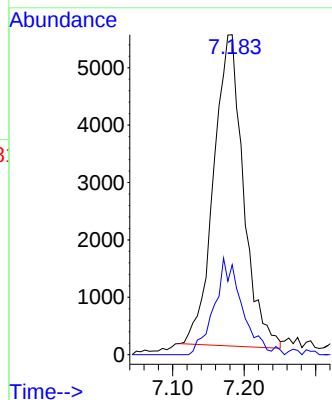
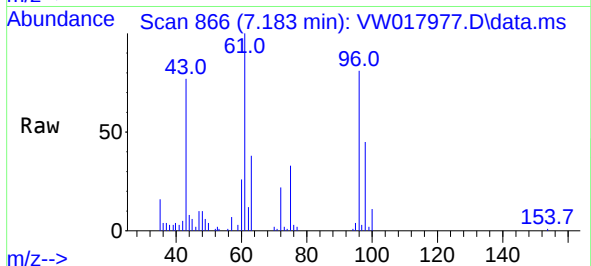




#22
2-Butanone
Concen: 10.47 ug/L
RT: 7.183 min Scan# 866
Delta R.T. 0.012 min
Lab File: VW017977.D
Acq: 22 Jan 2021 14:46

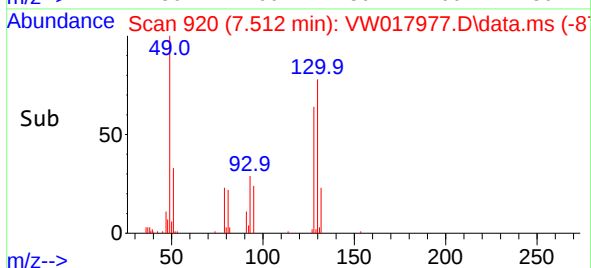
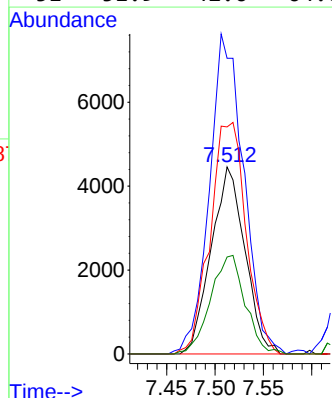
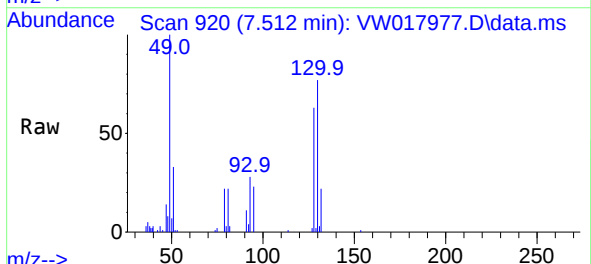
Instrument :
MSVOA_W
ClientSampleId :
VSTD005105

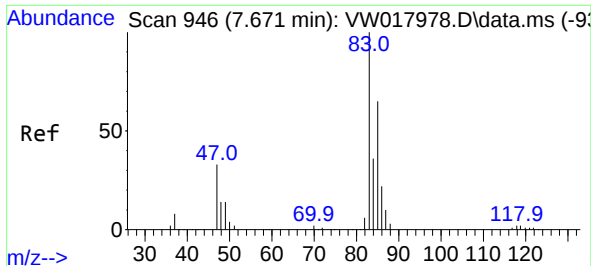
Tgt Ion: 43 Resp: 15666
Ion Ratio Lower Upper
43 100
72 28.6 14.9 44.7



#23
Bromochloromethane
Concen: 5.28 ug/L
RT: 7.512 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW017977.D
Acq: 22 Jan 2021 14:46

Tgt Ion: 128 Resp: 10831
Ion Ratio Lower Upper
128 100
49 158.2 116.3 215.9
130 121.4 82.4 153.0
51 51.9 42.6 64.0

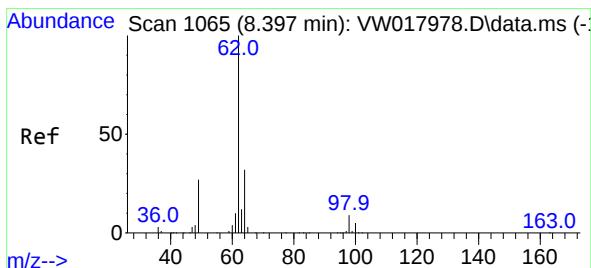
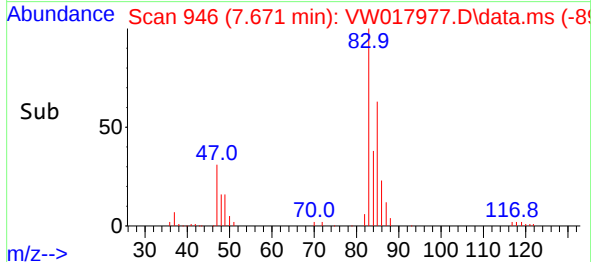
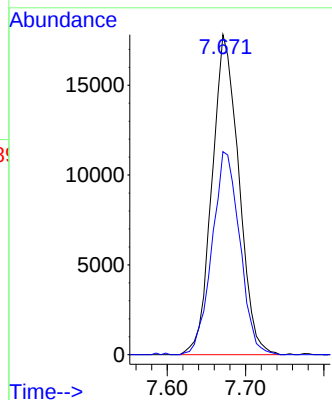
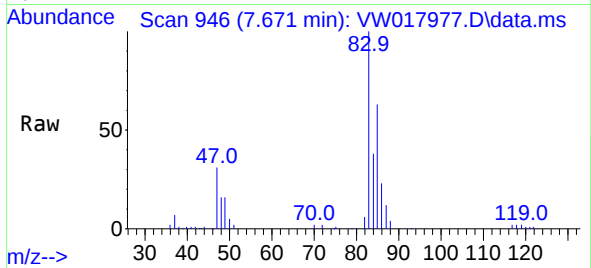




#25
Chloroform
Concen: 5.38 ug/L
RT: 7.671 min Scan# 946
Delta R.T. -0.000 min
Lab File: VW017977.D
Acq: 22 Jan 2021 14:46

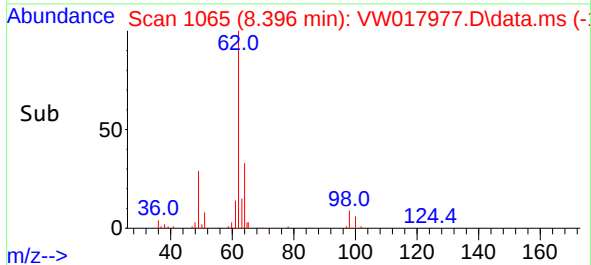
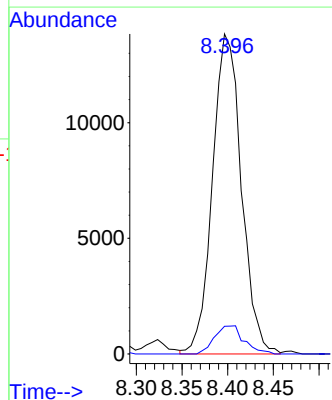
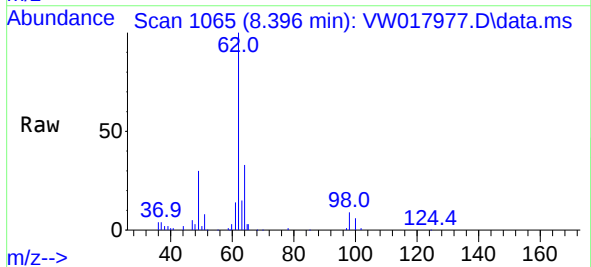
Instrument :
MSVOA_W
ClientSampleId :
VSTD005105

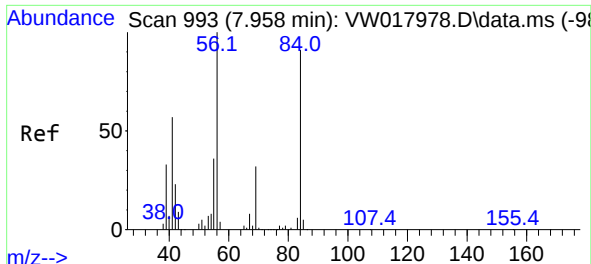
Tgt Ion: 83 Resp: 42285
Ion Ratio Lower Upper
83 100
85 63.5 44.6 82.8



#27
1,2-Dichloroethane
Concen: 5.46 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VW017977.D
Acq: 22 Jan 2021 14:46

Tgt Ion: 62 Resp: 30451
Ion Ratio Lower Upper
62 100
98 8.6 6.9 10.3





#29

Cyclohexane

Concen: 5.41 ug/L

RT: 7.951 min Scan# 992

Delta R.T. -0.006 min

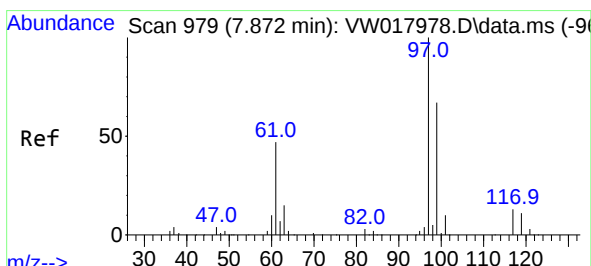
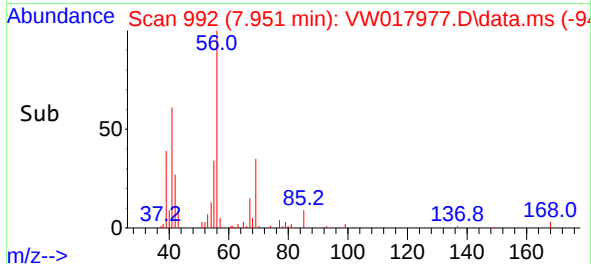
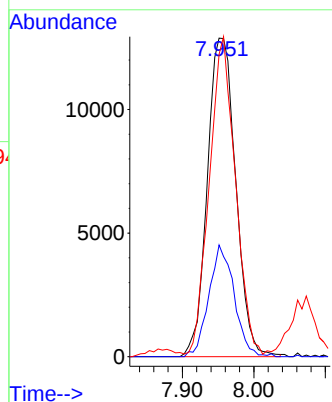
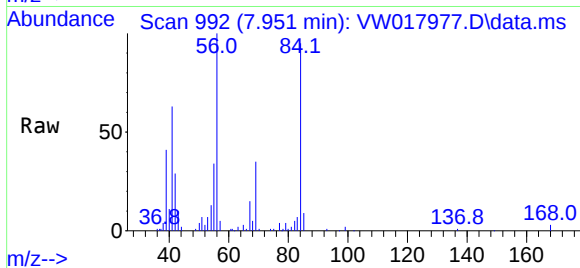
Lab File: VW017977.D

Acq: 22 Jan 2021 14:46

Instrument :
MSVOA_W
ClientSampleId :
VSTD005105

Tgt Ion: 56 Resp: 35533

Ion	Ratio	Lower	Upper
56	100		
69	31.1	24.5	36.7
84	92.4	75.0	112.4



#30

1,1,1-Trichloroethane

Concen: 5.18 ug/L

RT: 7.872 min Scan# 979

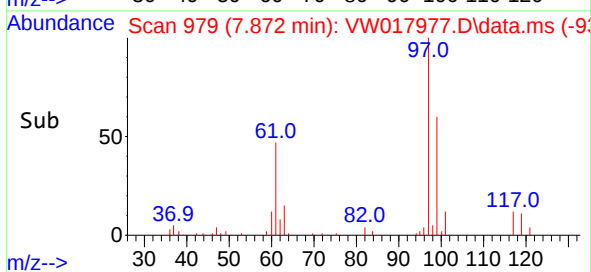
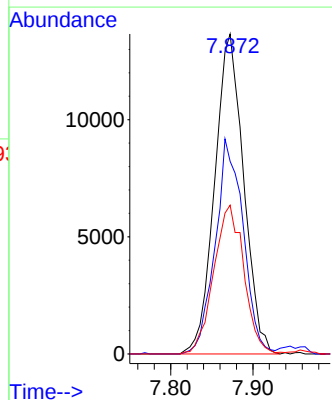
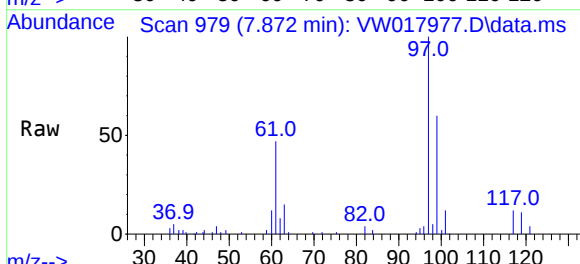
Delta R.T. -0.000 min

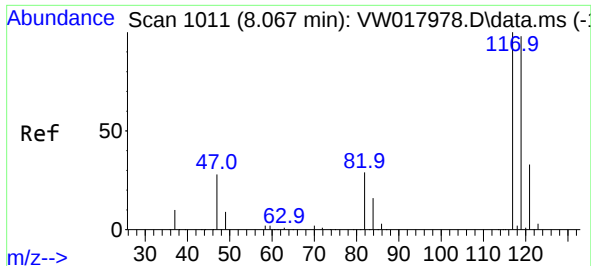
Lab File: VW017977.D

Acq: 22 Jan 2021 14:46

Tgt Ion: 97 Resp: 33395

Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.4	77.2
61	48.3	37.8	56.6

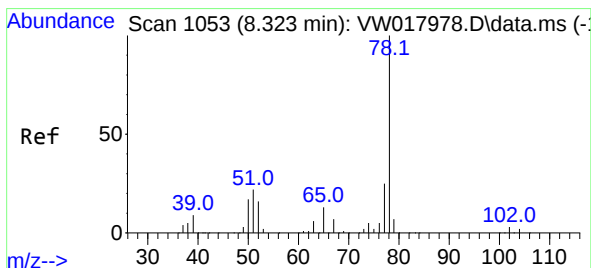
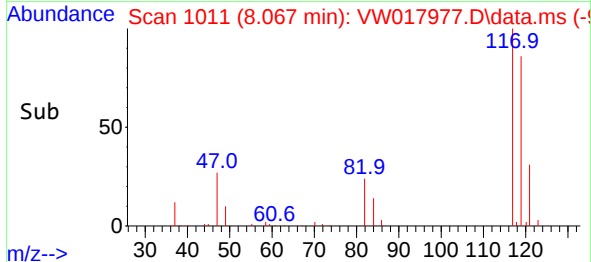
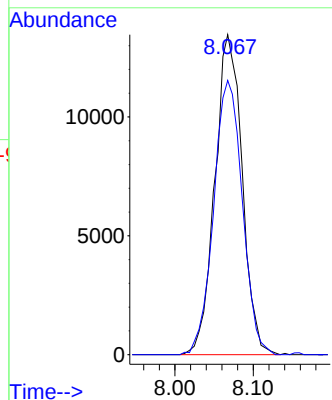
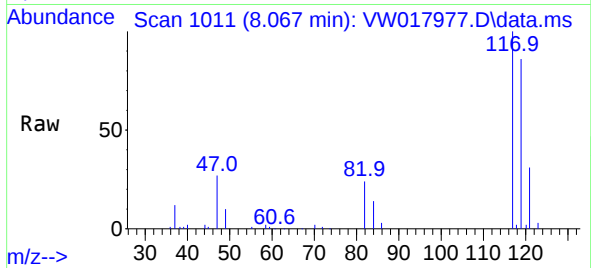




#31
Carbon tetrachloride
Concen: 5.40 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW017977.D
Acq: 22 Jan 2021 14:46

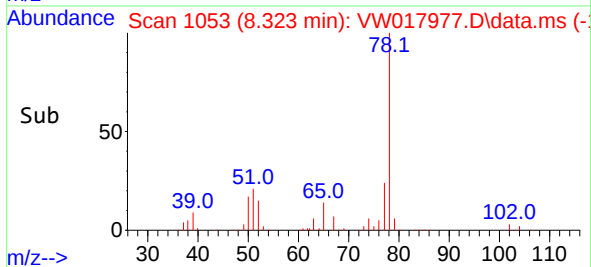
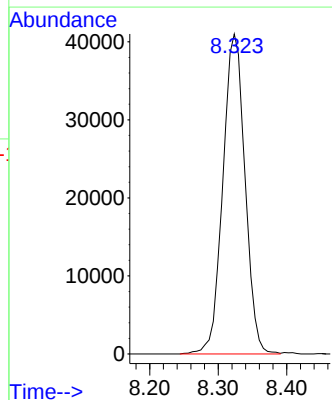
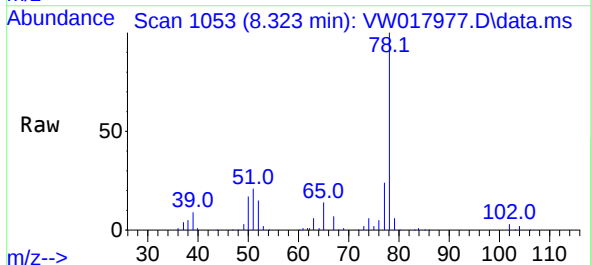
Instrument :
MSVOA_W
ClientSampleId :
VSTD005105

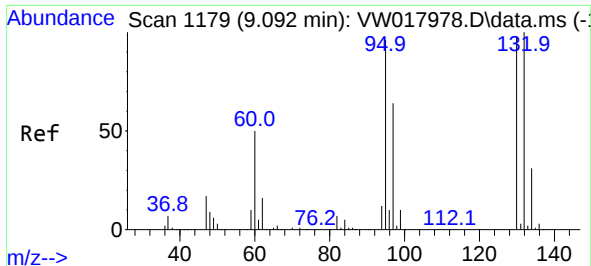
Tgt Ion:117 Resp: 32547
Ion Ratio Lower Upper
117 100
119 90.3 76.5 114.7



#33
Benzene
Concen: 5.59 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW017977.D
Acq: 22 Jan 2021 14:46

Tgt Ion: 78 Resp: 91937



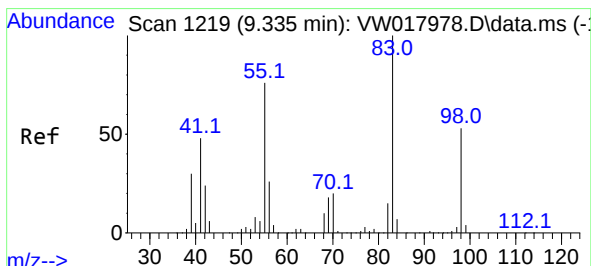
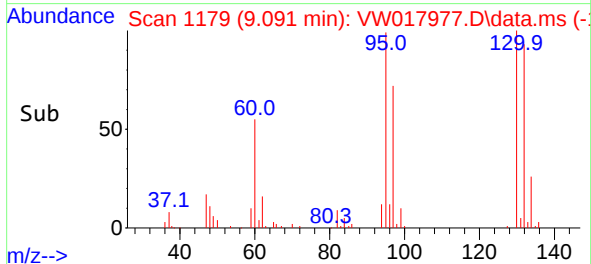
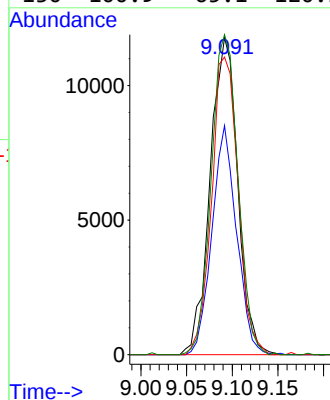
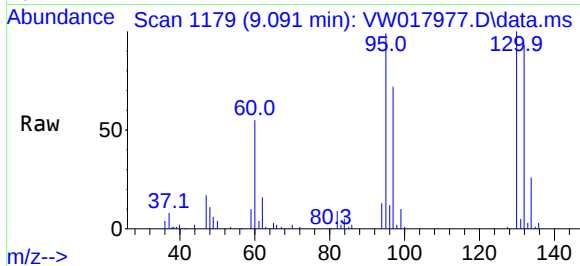


#34
Trichloroethene
Concen: 5.53 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW017977.D
Acq: 22 Jan 2021 14:46

Instrument :
MSVOA_W
ClientSampleId :
VSTD005105

Tgt Ion: 95 Resp: 24664

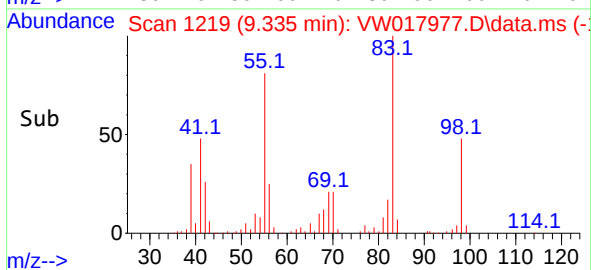
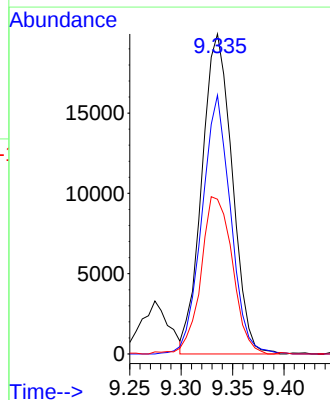
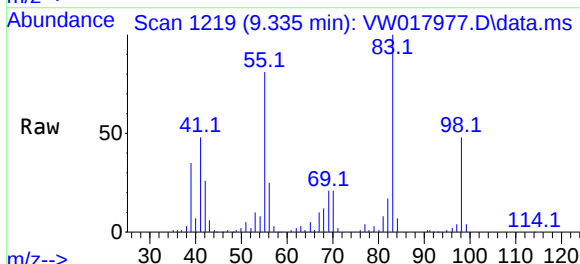
Ion	Ratio	Lower	Upper
95	100		
97	72.2	47.3	87.8
132	93.9	71.0	131.8
130	100.9	65.1	120.9

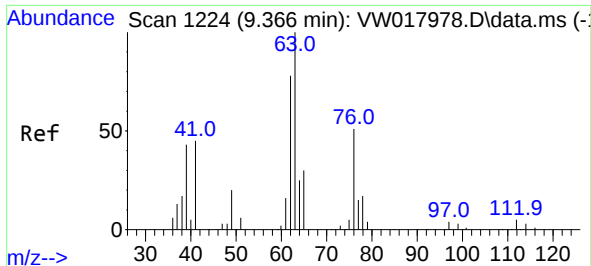


#35
Methylcyclohexane
Concen: 5.36 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW017977.D
Acq: 22 Jan 2021 14:46

Tgt Ion: 83 Resp: 40925

Ion	Ratio	Lower	Upper
83	100		
55	76.6	58.9	88.3
98	50.6	40.1	60.1

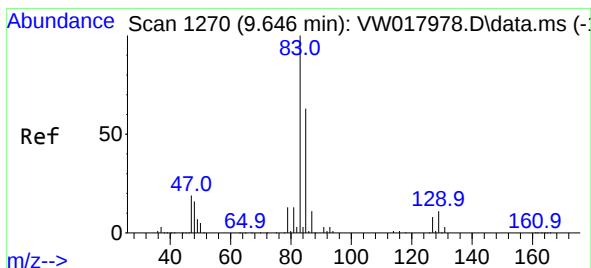
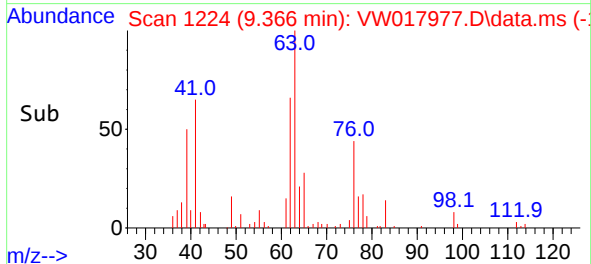
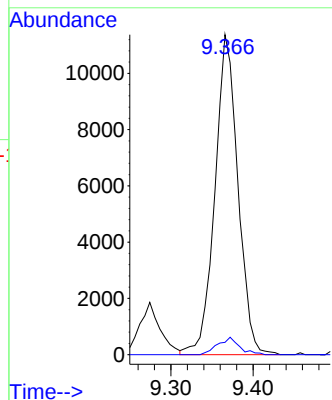
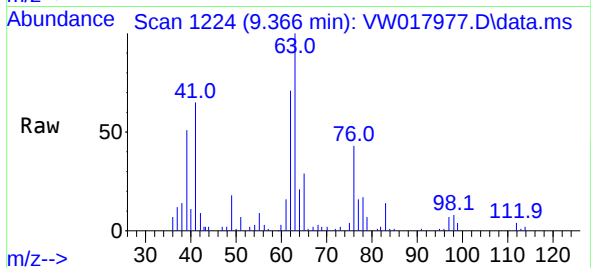




#37
1,2-Dichloropropane
Concen: 5.61 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. -0.000 min
Lab File: VW017977.D
Acq: 22 Jan 2021 14:46

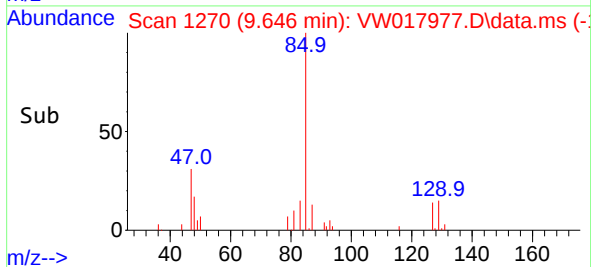
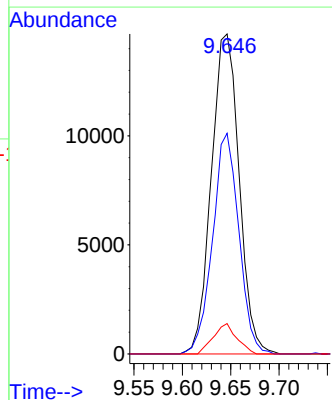
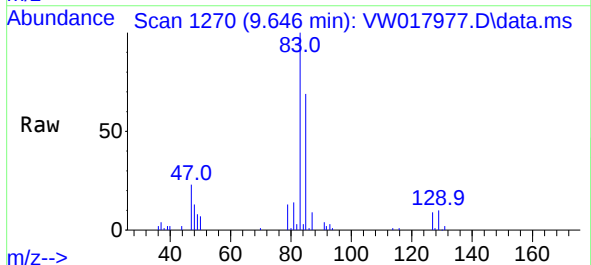
Instrument :
MSVOA_W
ClientSampleId :
VSTD005105

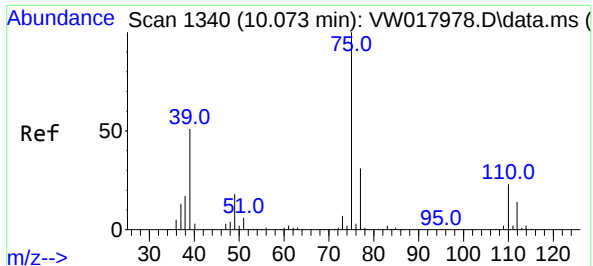
Tgt Ion: 63 Resp: 22178
Ion Ratio Lower Upper
63 100
112 5.1 3.9 5.9



#38
Bromodichloromethane
Concen: 5.26 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VW017977.D
Acq: 22 Jan 2021 14:46

Tgt Ion: 83 Resp: 29323
Ion Ratio Lower Upper
83 100
85 68.9 42.3 78.5
127 10.3 6.6 9.8#

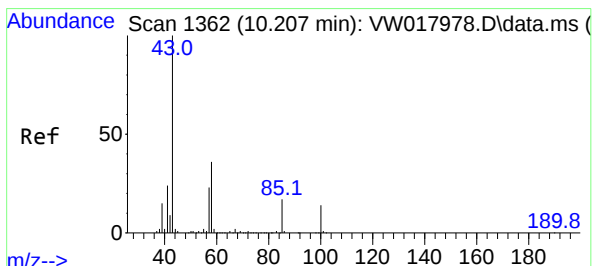
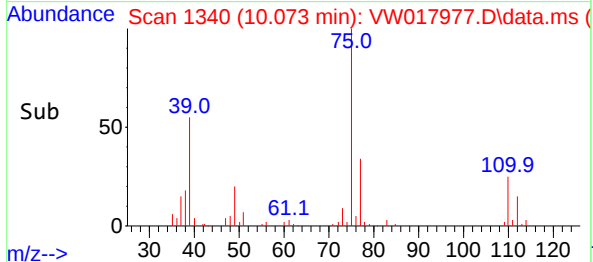
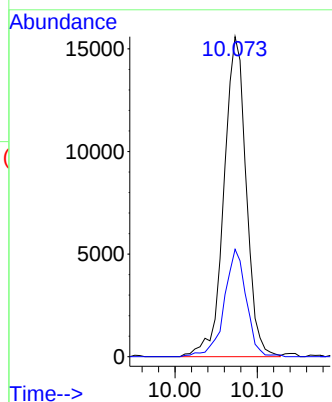
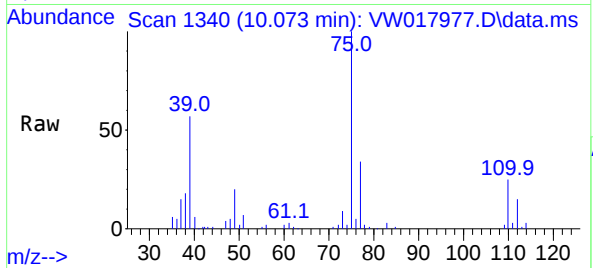




#39
cis-1,3-Dichloropropene
Concen: 4.68 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW017977.D
Acq: 22 Jan 2021 14:46

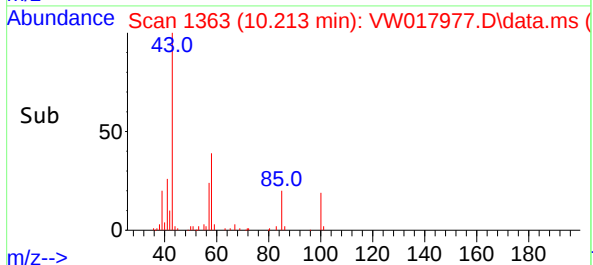
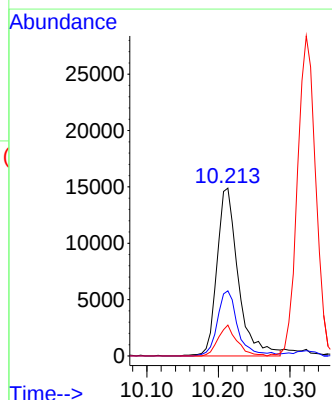
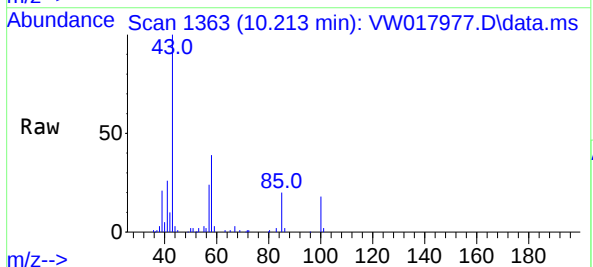
Instrument :
MSVOA_W
ClientSampleId :
VSTD005105

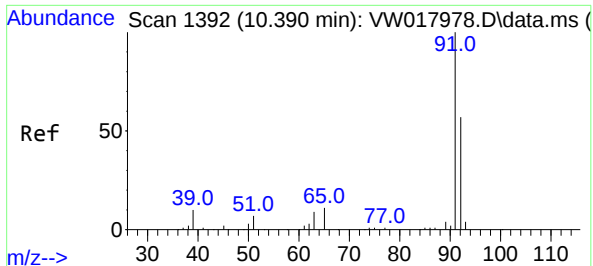
Tgt Ion: 75 Resp: 29354
Ion Ratio Lower Upper
75 100
77 33.5 22.6 42.0



#40
4-Methyl-2-pentanone
Concen: 10.84 ug/L
RT: 10.213 min Scan# 1363
Delta R.T. 0.006 min
Lab File: VW017977.D
Acq: 22 Jan 2021 14:46

Tgt Ion: 43 Resp: 30850
Ion Ratio Lower Upper
43 100
58 36.5 31.0 46.4
100 16.1 13.0 19.6





#42

Toluene

Concen: 5.25 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. -0.000 min

Lab File: VW017977.D

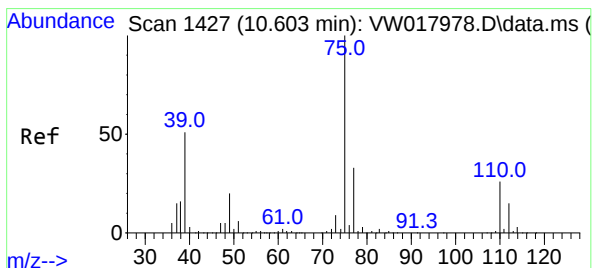
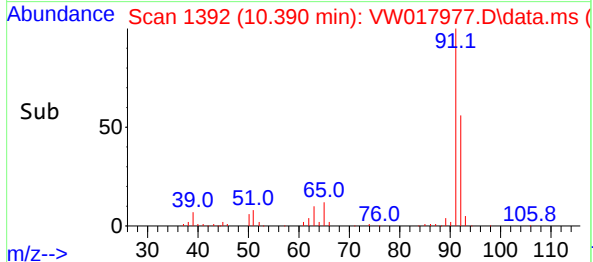
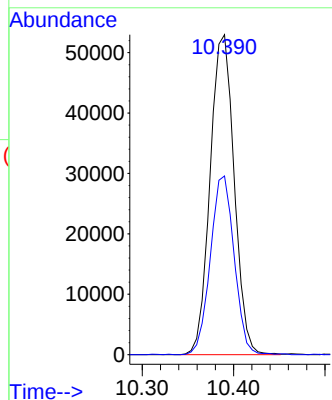
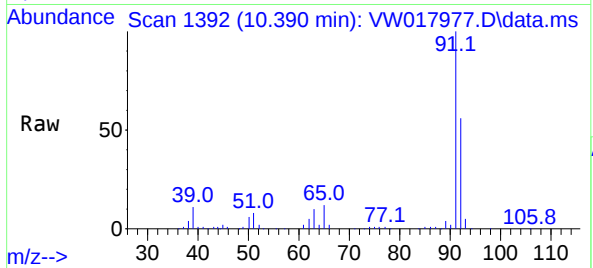
Acq: 22 Jan 2021 14:46

Tgt Ion: 91 Resp: 96911

Ion Ratio Lower Upper

91 100

92 55.8 39.5 73.3



#44

trans-1,3-Dichloropropene

Concen: 4.54 ug/L

RT: 10.609 min Scan# 1428

Delta R.T. 0.006 min

Lab File: VW017977.D

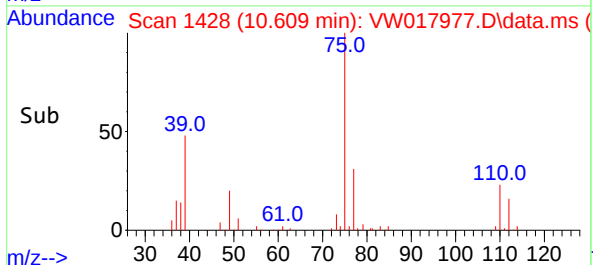
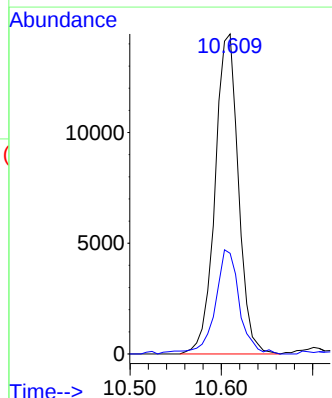
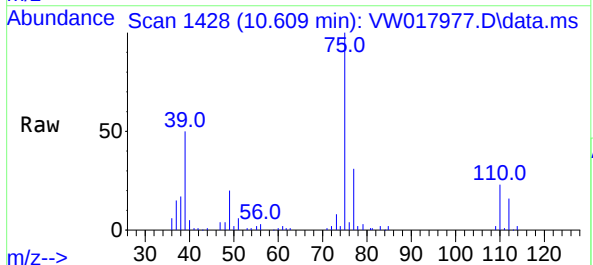
Acq: 22 Jan 2021 14:46

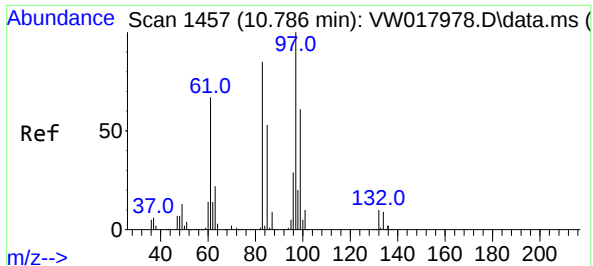
Tgt Ion: 75 Resp: 25647

Ion Ratio Lower Upper

75 100

77 31.5 21.1 39.1



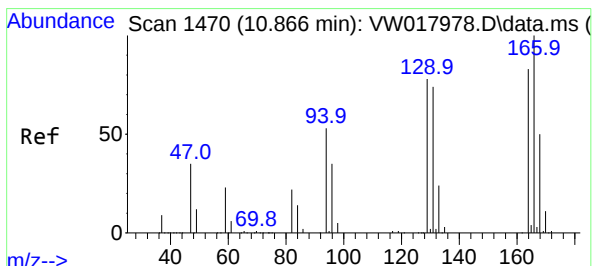
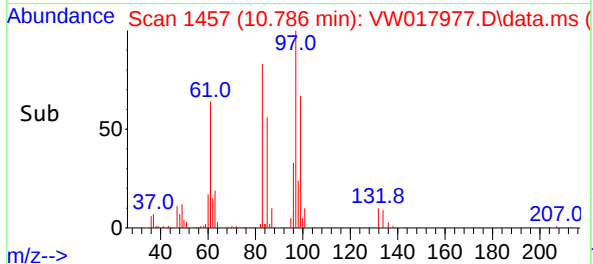
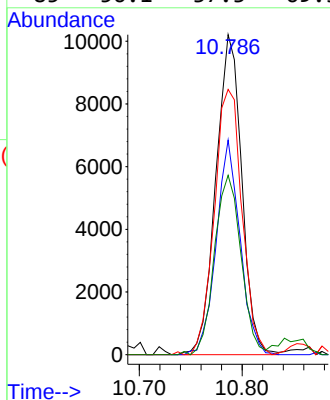
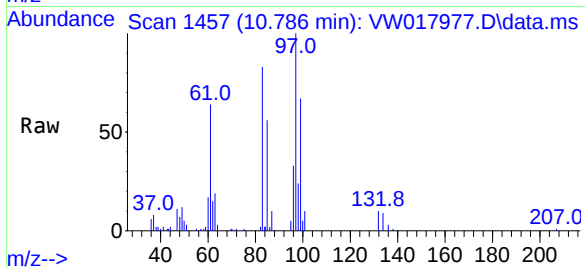


#45
1,1,2-Trichloroethane
Concen: 5.36 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW017977.D
Acq: 22 Jan 2021 14:46

Instrument :
MSVOA_W
ClientSampleId :
VSTD005105

Tgt Ion: 97 Resp: 17834

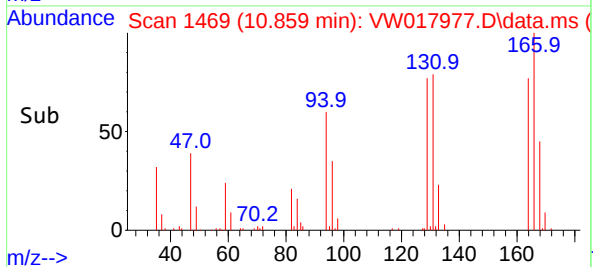
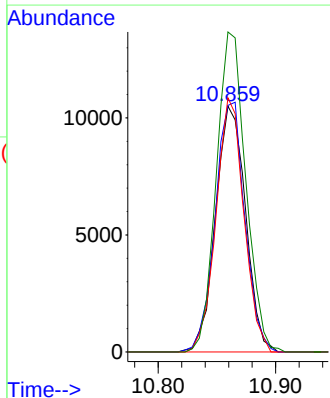
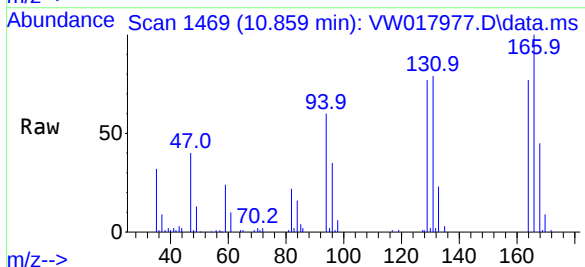
Ion	Ratio	Lower	Upper
97	100		
99	67.1	45.1	83.7
83	82.9	58.1	107.9
85	56.1	37.3	69.3

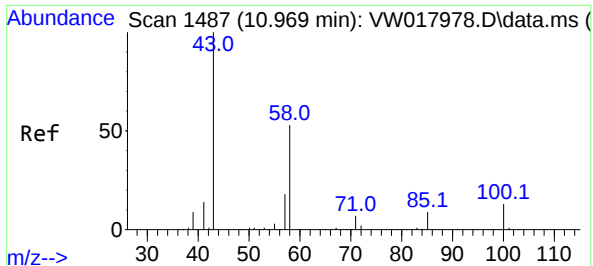


#46
Tetrachloroethene
Concen: 5.46 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW017977.D
Acq: 22 Jan 2021 14:46

Tgt Ion: 164 Resp: 18663

Ion	Ratio	Lower	Upper
164	100		
129	100.4	66.7	123.9
131	103.4	61.1	113.5
166	130.2	87.0	161.6

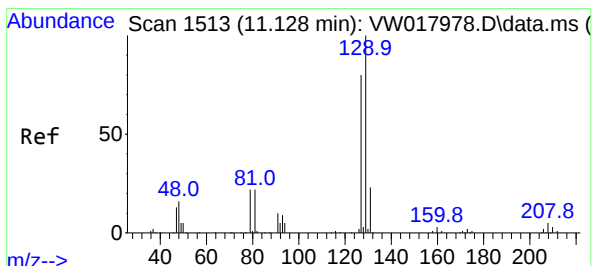
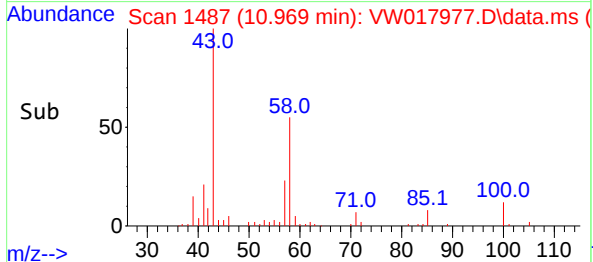
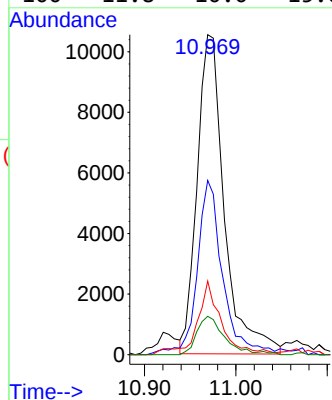
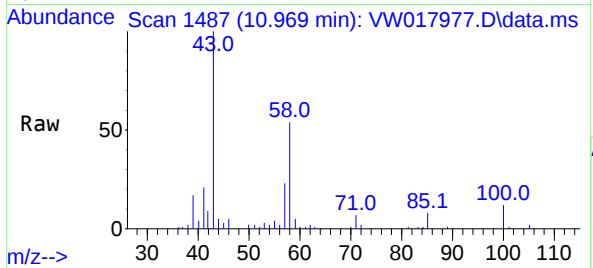




#48
2-Hexanone
Concen: 10.97 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW017977.D
Acq: 22 Jan 2021 14:46

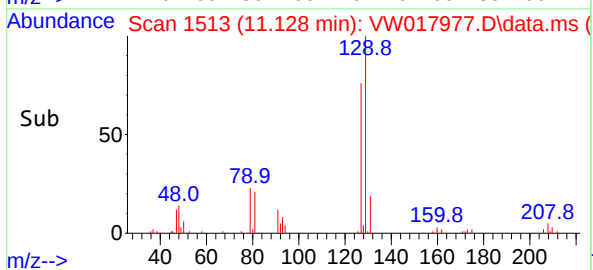
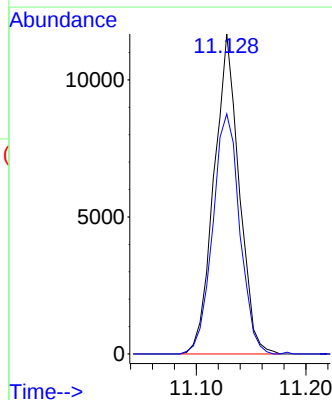
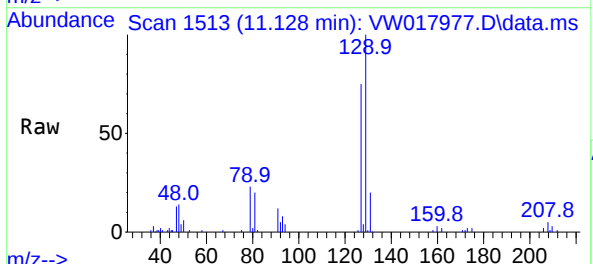
Instrument :
MSVOA_W
ClientSampleId :
VSTD005105

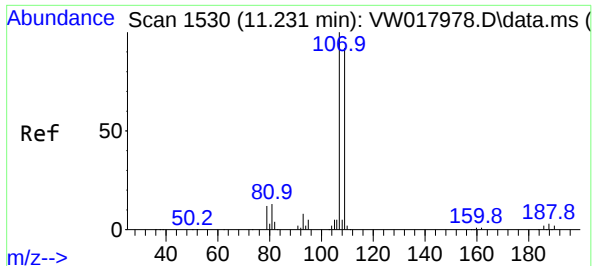
Tgt Ion:	43	Resp:	21828
Ion	Ratio	Lower	Upper
43	100		
58	50.8	42.7	64.1
57	18.4	15.8	23.8
100	11.8	10.0	15.0



#49
Dibromochloromethane
Concen: 4.88 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW017977.D
Acq: 22 Jan 2021 14:46

Tgt Ion:	129	Resp:	18616
Ion	Ratio	Lower	Upper
129	100		
127	75.0	51.7	95.9

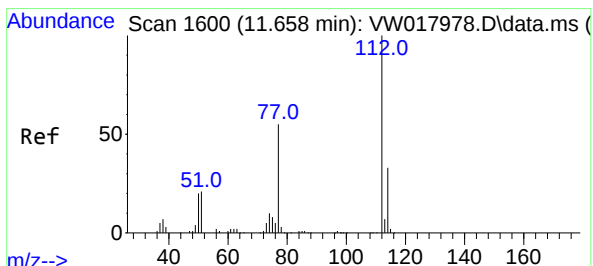
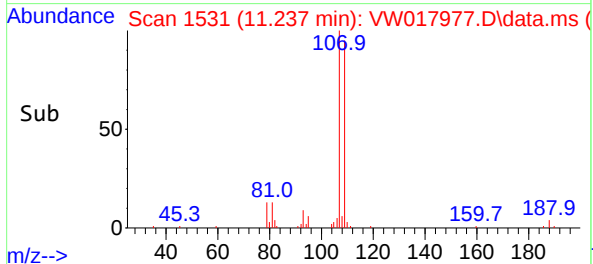
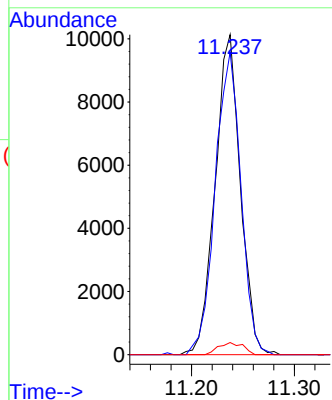
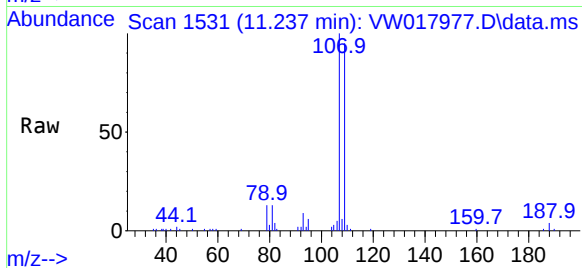




#50
1,2-Dibromoethane
Concen: 5.25 ug/L
RT: 11.237 min Scan# 1531
Delta R.T. 0.006 min
Lab File: VW017977.D
Acq: 22 Jan 2021 14:46

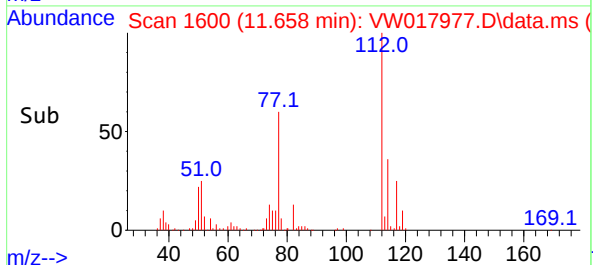
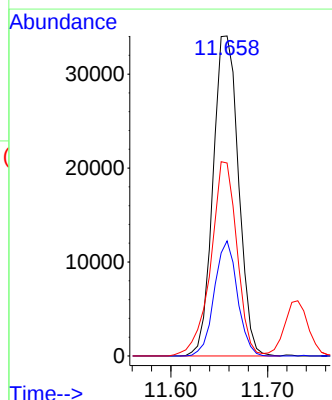
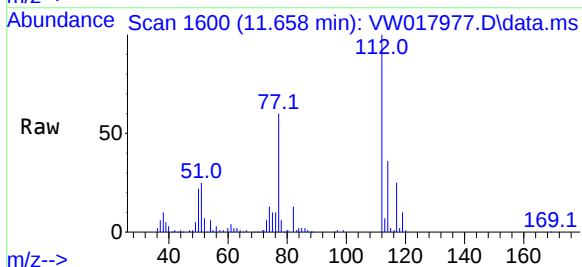
Instrument :
MSVOA_W
ClientSampleId :
VSTD005105

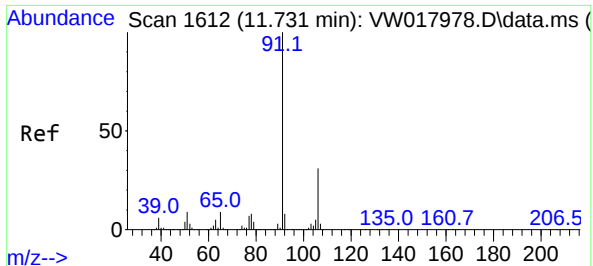
Tgt Ion:107 Resp: 17295
Ion Ratio Lower Upper
107 100
109 94.5 65.4 121.4
188 3.8 2.6 4.0



#51
Chlorobenzene
Concen: 5.29 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW017977.D
Acq: 22 Jan 2021 14:46

Tgt Ion:112 Resp: 62226
Ion Ratio Lower Upper
112 100
114 36.0 23.4 43.6
77 60.3 47.6 71.4

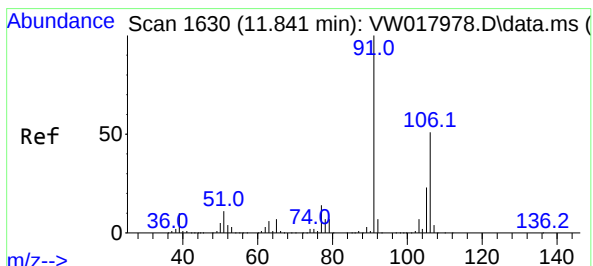
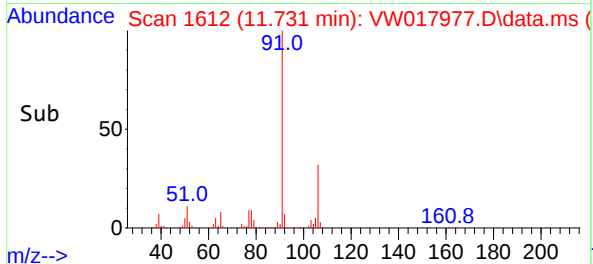
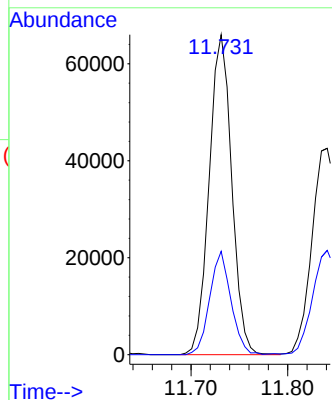
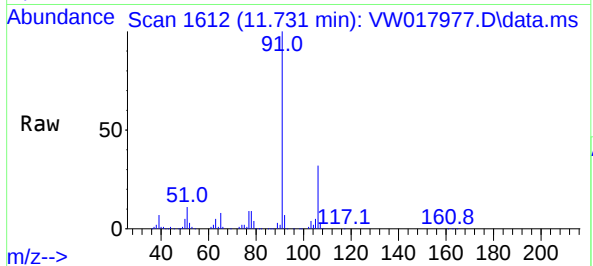




#52
Ethylbenzene
Concen: 5.10 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW017977.D
Acq: 22 Jan 2021 14:46

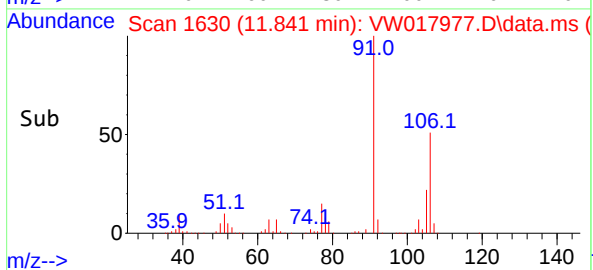
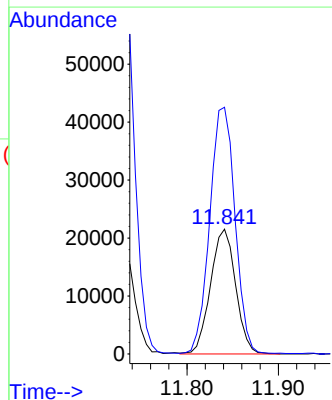
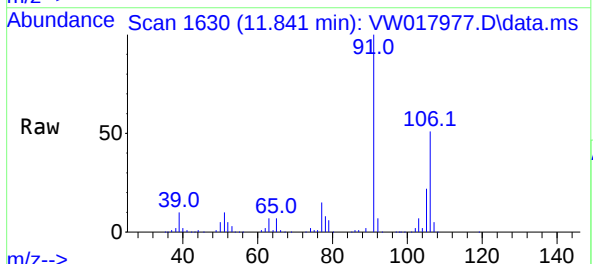
Instrument :
MSVOA_W
ClientSampleId :
VSTD005105

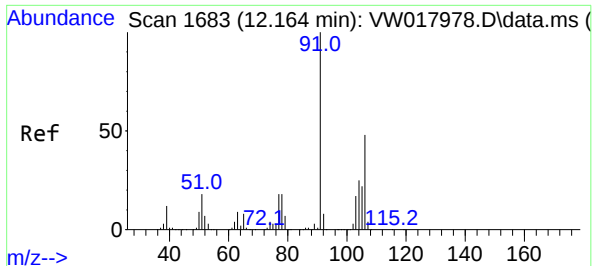
Tgt Ion: 91 Resp: 106809
Ion Ratio Lower Upper
91 100
106 32.3 22.5 41.7



#53
m,p-Xylene
Concen: 5.06 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW017977.D
Acq: 22 Jan 2021 14:46

Tgt Ion:106 Resp: 41102
Ion Ratio Lower Upper
106 100
91 197.7 141.3 262.3

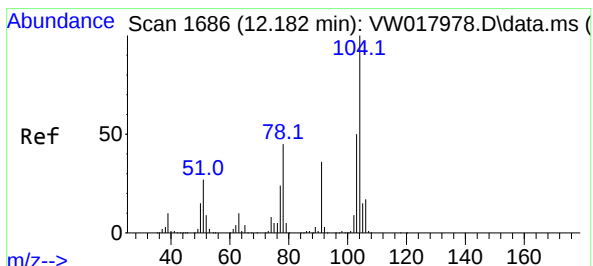
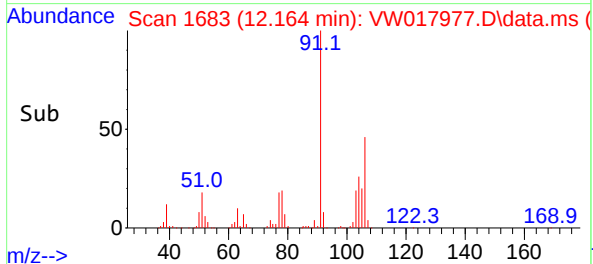
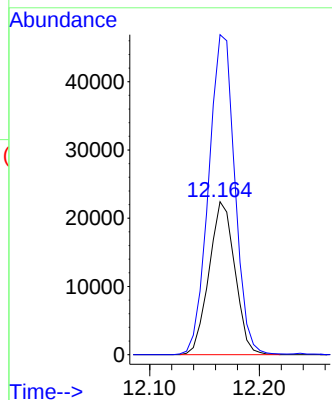
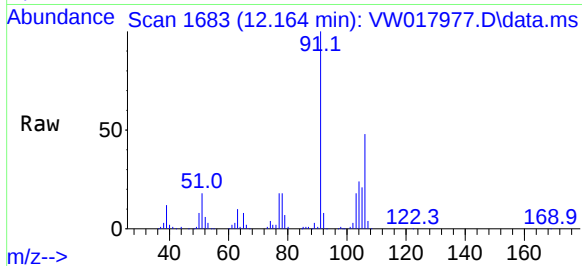




#54
o-Xylene
Concen: 4.83 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW017977.D
Acq: 22 Jan 2021 14:46

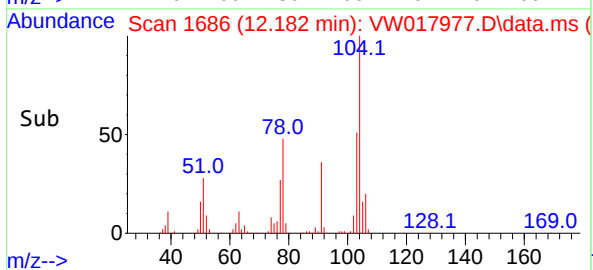
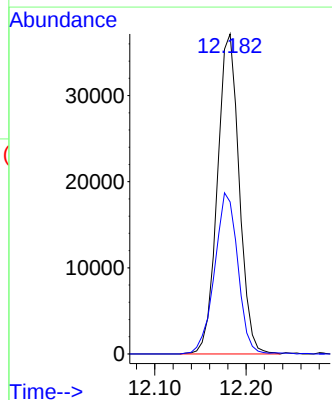
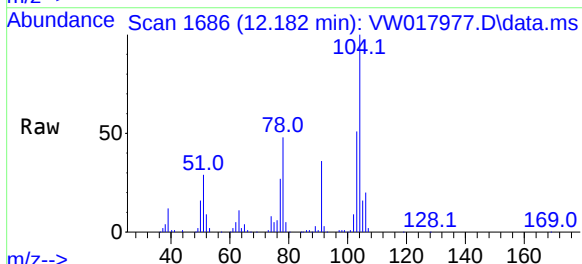
Instrument :
MSVOA_W
ClientSampleId :
VSTD005105

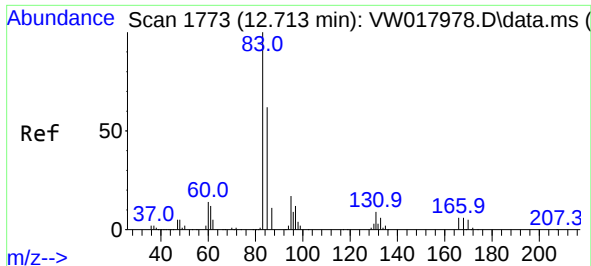
Tgt Ion:106 Resp: 36812
Ion Ratio Lower Upper
106 100
91 209.3 150.0 278.6



#55
Styrene
Concen: 4.70 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW017977.D
Acq: 22 Jan 2021 14:46

Tgt Ion:104 Resp: 61580
Ion Ratio Lower Upper
104 100
78 47.5 32.5 60.3

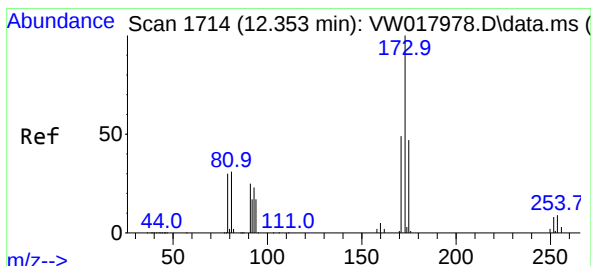
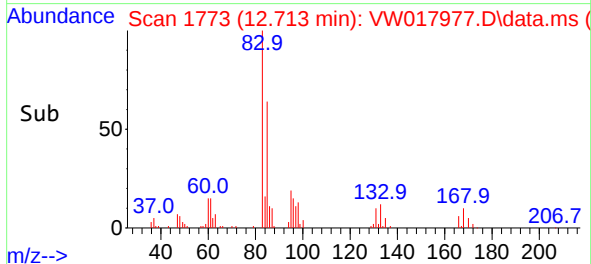
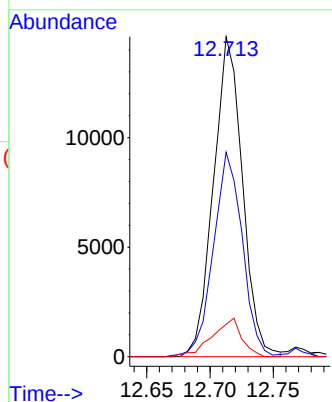
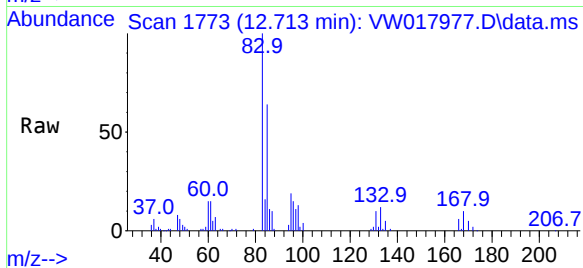




#57
1,1,2,2-Tetrachloroethane
Concen: 5.40 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW017977.D
Acq: 22 Jan 2021 14:46

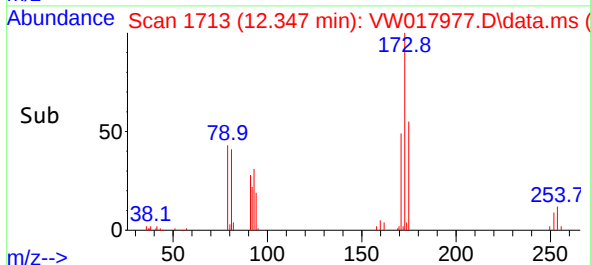
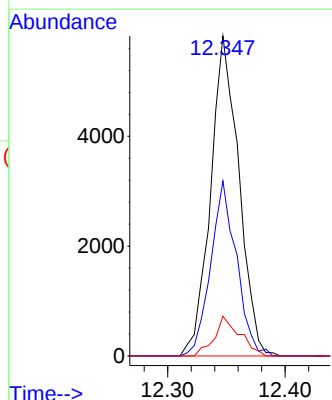
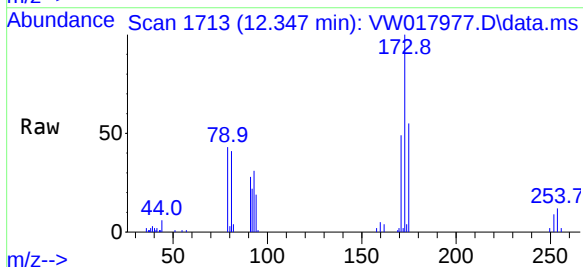
Instrument :
MSVOA_W
ClientSampleId :
VSTD005105

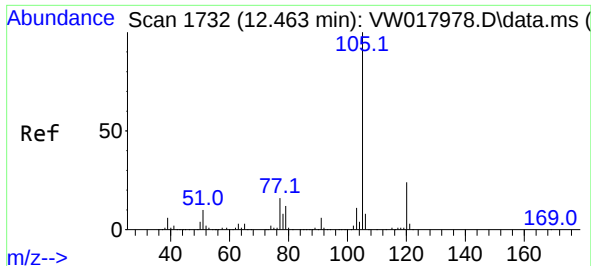
Tgt Ion:	83	Resp:	23280
Ion	Ratio	Lower	Upper
83	100		
85	63.9	44.4	82.4
131	10.1	8.2	12.4



#59
Bromoform
Concen: 4.67 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.006 min
Lab File: VW017977.D
Acq: 22 Jan 2021 14:46

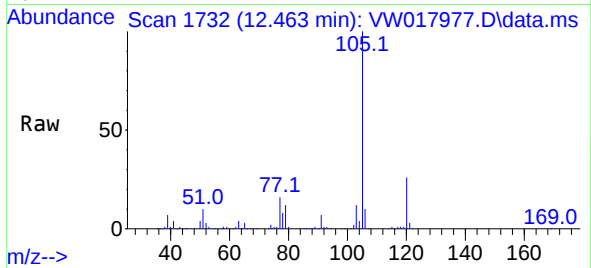
Tgt Ion:	173	Resp:	9766
Ion	Ratio	Lower	Upper
173	100		
175	49.9	37.5	56.3
254	11.2	7.0	10.4



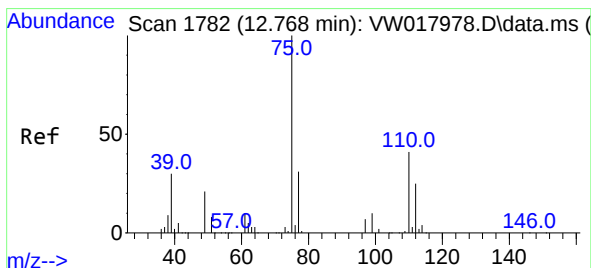
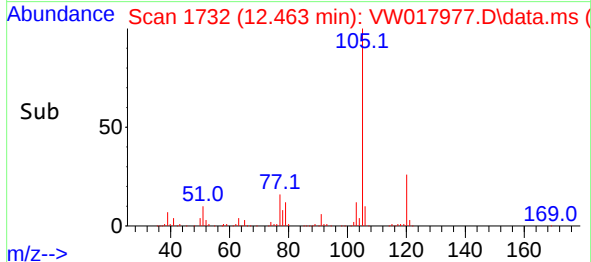
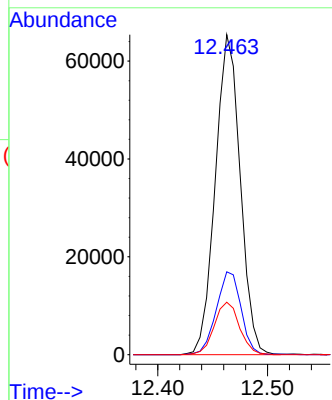


#60
Isopropylbenzene
Concen: 5.03 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW017977.D
Acq: 22 Jan 2021 14:46

Instrument :
MSVOA_W
ClientSampleId :
VSTD005105

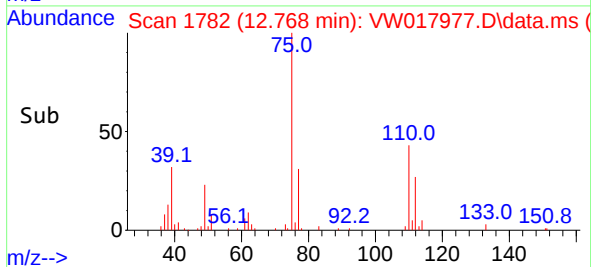
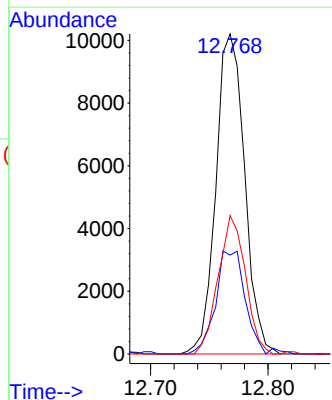
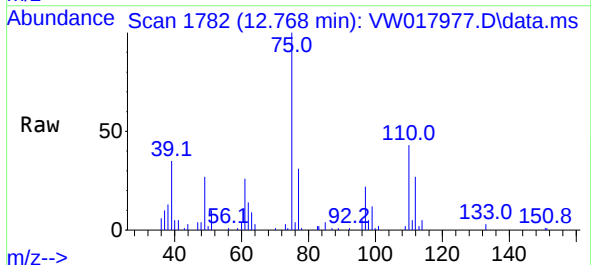


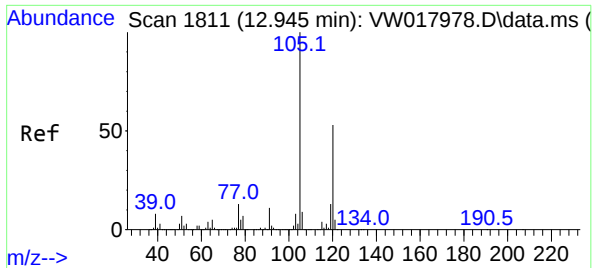
Tgt Ion:105 Resp: 103295
Ion Ratio Lower Upper
105 100
120 25.7 21.1 31.7
77 16.6 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 5.54 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW017977.D
Acq: 22 Jan 2021 14:46

Tgt Ion: 75 Resp: 17320
Ion Ratio Lower Upper
75 100
77 33.0 25.3 37.9
110 41.1 32.6 48.8

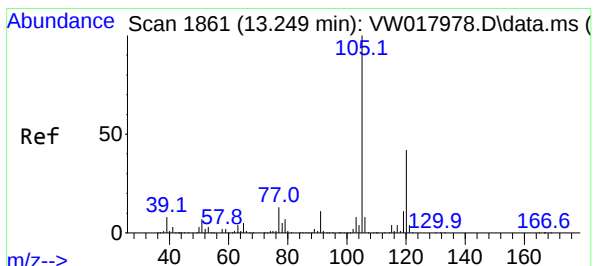
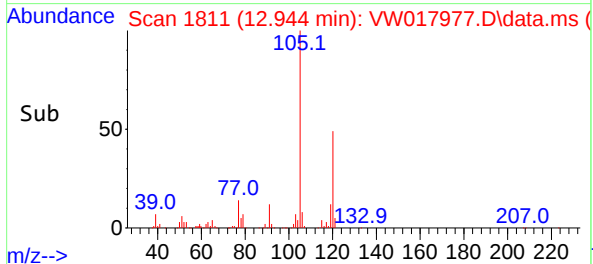
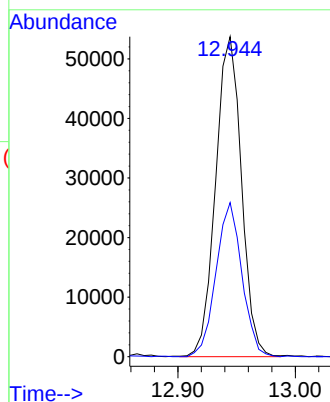
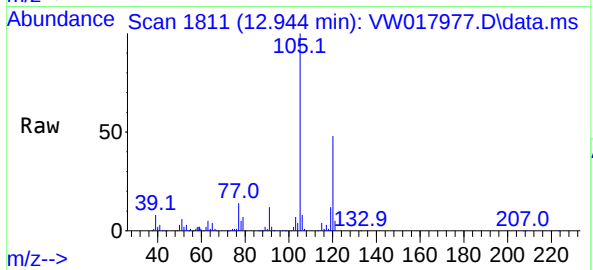




#62
1,3,5-Trimethylbenzene
Concen: 5.02 ug/L
RT: 12.944 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VW017977.D
Acq: 22 Jan 2021 14:46

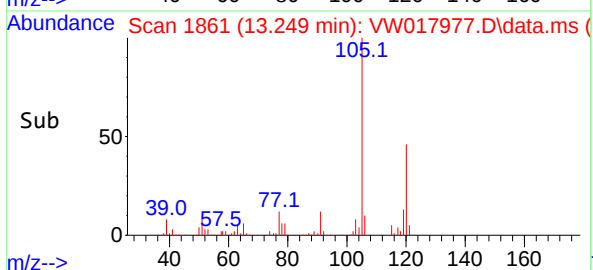
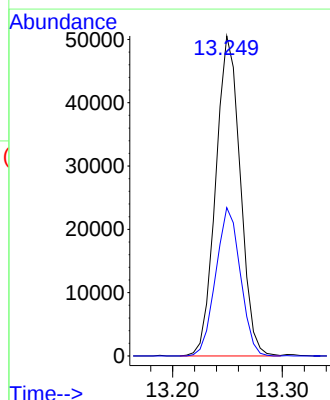
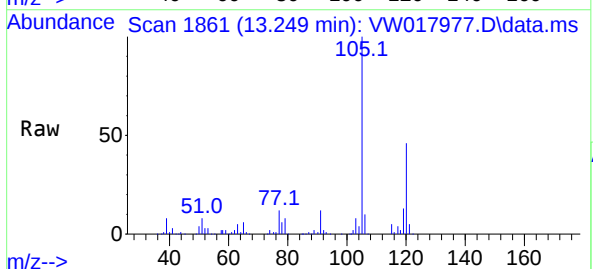
Instrument :
MSVOA_W
ClientSampleId :
VSTD005105

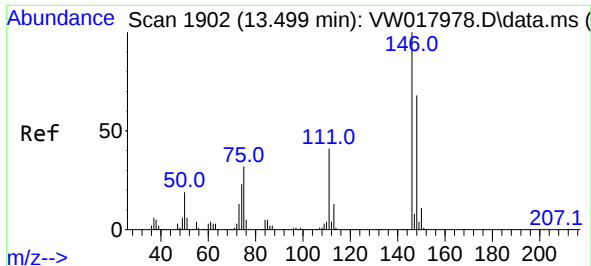
Tgt Ion:105 Resp: 82075
Ion Ratio Lower Upper
105 100
120 48.2 39.0 58.6



#63
1,2,4-Trimethylbenzene
Concen: 4.75 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW017977.D
Acq: 22 Jan 2021 14:46

Tgt Ion:105 Resp: 78692
Ion Ratio Lower Upper
105 100
120 46.4 35.6 53.4

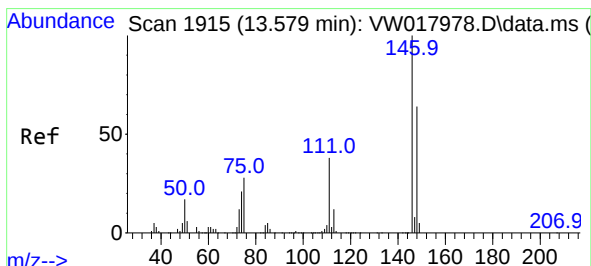
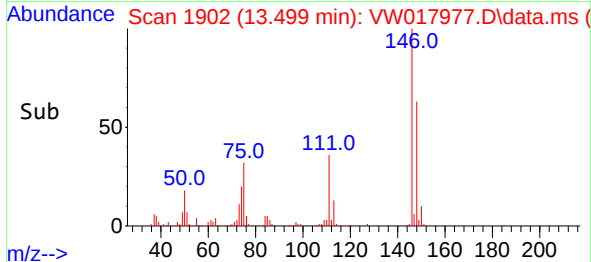
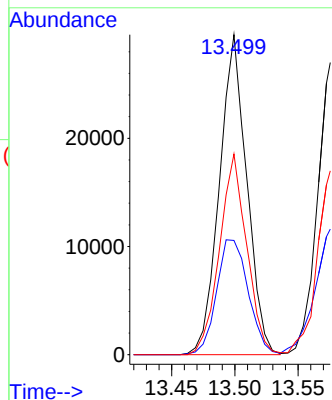
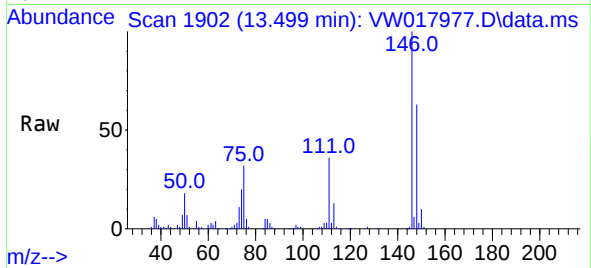




#64
1,3-Dichlorobenzene
Concen: 5.04 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW017977.D
Acq: 22 Jan 2021 14:46

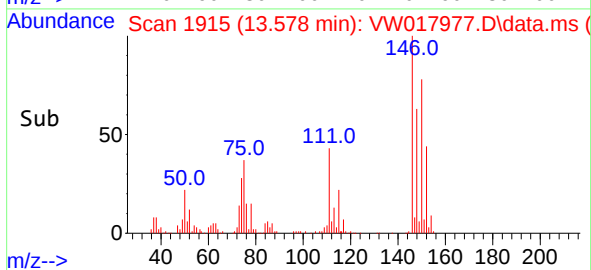
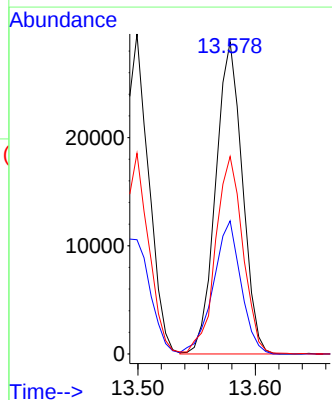
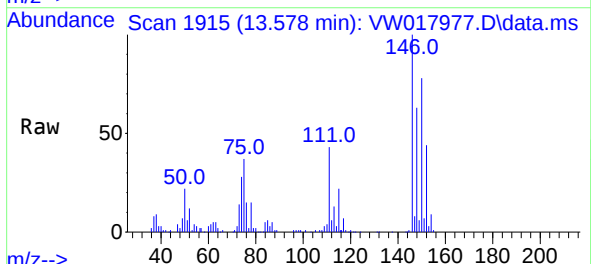
Instrument :
MSVOA_W
ClientSampleId :
VSTD005105

Tgt Ion:146 Resp: 44463
Ion Ratio Lower Upper
146 100
111 35.7 26.7 49.7
148 62.7 41.1 76.3

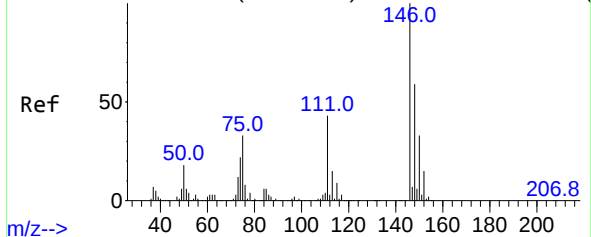


#65
1,4-Dichlorobenzene
Concen: 5.17 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW017977.D
Acq: 22 Jan 2021 14:46

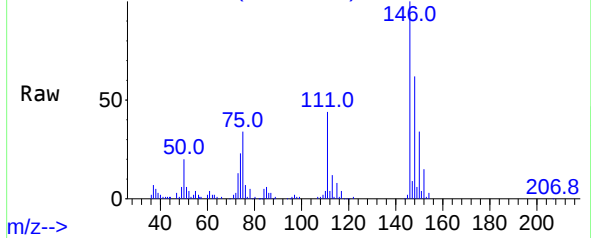
Tgt Ion:146 Resp: 45501
Ion Ratio Lower Upper
146 100
111 42.7 28.8 53.4
148 63.3 46.8 87.0



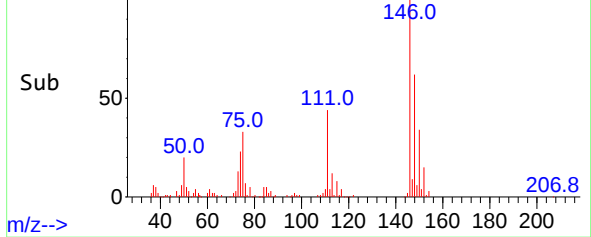
Abundance Scan 1963 (13.871 min): VW017978.D\data.ms (



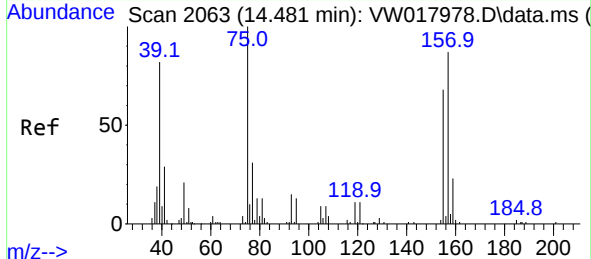
m/z--> Abundance Scan 1963 (13.871 min): VW017977.D\data.ms



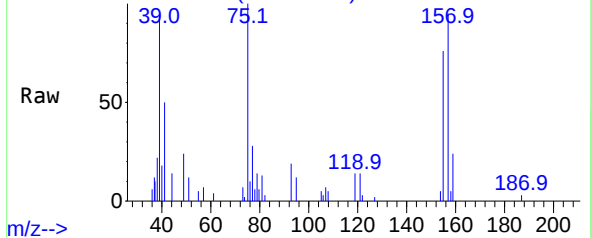
m/z--> Abundance Scan 1963 (13.871 min): VW017977.D\data.ms (



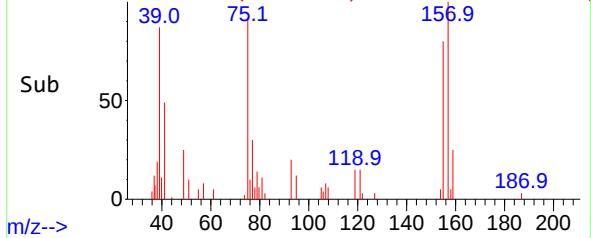
m/z--> Abundance Scan 2063 (14.481 min): VW017978.D\data.ms (



m/z--> Abundance Scan 2064 (14.487 min): VW017977.D\data.ms



m/z--> Abundance Scan 2064 (14.487 min): VW017977.D\data.ms (



m/z--> Abundance Scan 2064 (14.487 min): VW017977.D\data.ms (

m/z--> Abundance Scan 2064 (14.487 min): VW017977.D\data.ms (

m/z--> Abundance Scan 2064 (14.487 min): VW017977.D\data.ms (

m/z--> Abundance Scan 2064 (14.487 min): VW017977.D\data.ms (

m/z--> Abundance Scan 2064 (14.487 min): VW017977.D\data.ms (

m/z--> Abundance Scan 2064 (14.487 min): VW017977.D\data.ms (

m/z--> Abundance Scan 2064 (14.487 min): VW017977.D\data.ms (

m/z--> Abundance Scan 2064 (14.487 min): VW017977.D\data.ms (

m/z--> Abundance Scan 2064 (14.487 min): VW017977.D\data.ms (

m/z--> Abundance Scan 2064 (14.487 min): VW017977.D\data.ms (

m/z--> Abundance Scan 2064 (14.487 min): VW017977.D\data.ms (

m/z--> Abundance Scan 2064 (14.487 min): VW017977.D\data.ms (

m/z--> Abundance Scan 2064 (14.487 min): VW017977.D\data.ms (

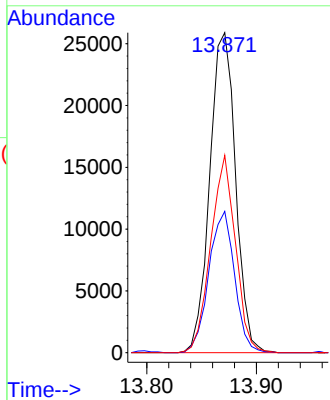
m/z--> Abundance Scan 2064 (14.487 min): VW017977.D\data.ms (

m/z--> Abundance Scan 2064 (14.487 min): VW017977.D\data.ms (

m/z--> Abundance Scan 2064 (14.487 min): VW017977.D\data.ms (

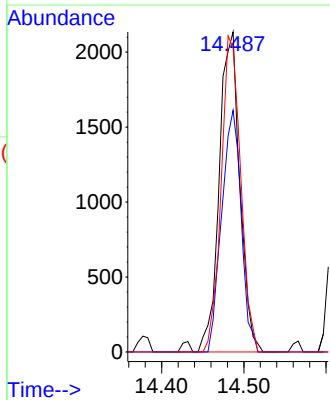
#67
1,2-Dichlorobenzene
Concen: 5.33 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. -0.000 min
Lab File: VW017977.D
Acq: 22 Jan 2021 14:46

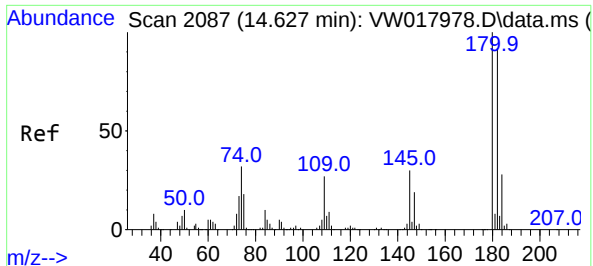
Tgt Ion:	146	Resp:	42476
Ion	Ratio	Lower	Upper
146	100		
111	44.1	33.2	49.8
148	61.6	50.4	75.6



#68
1,2-Dibromo-3-chloropropane
Concen: 5.07 ug/L
RT: 14.487 min Scan# 2064
Delta R.T. 0.006 min
Lab File: VW017977.D
Acq: 22 Jan 2021 14:46

Tgt Ion:	75	Resp:	3747
Ion	Ratio	Lower	Upper
75	100		
155	75.5	59.4	89.0
157	94.9	72.2	108.2

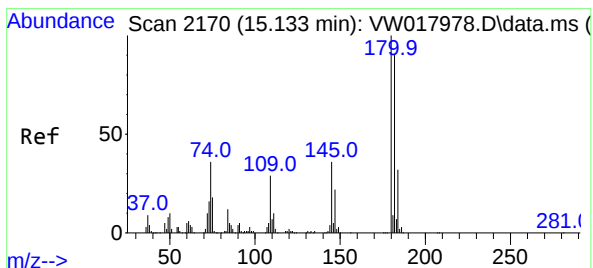
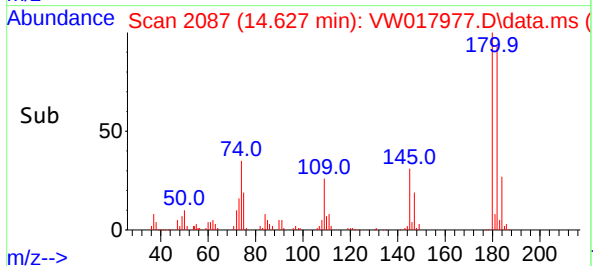
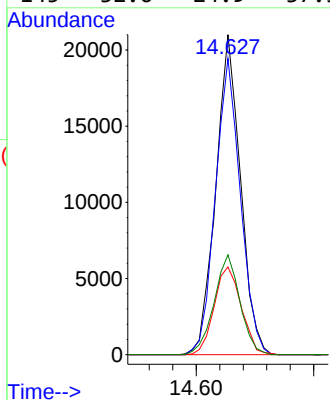
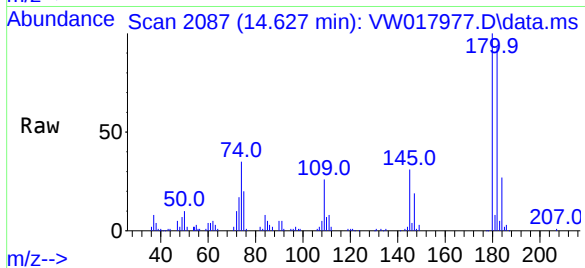




#69
1,3,5-Trichlorobenzene
Concen: 5.17 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VW017977.D
Acq: 22 Jan 2021 14:46

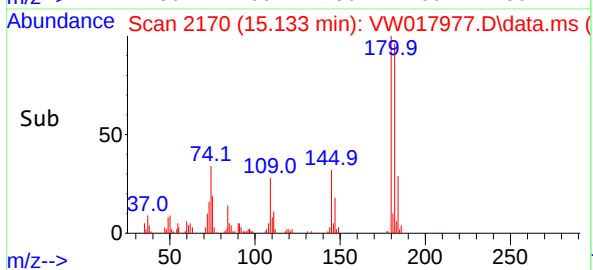
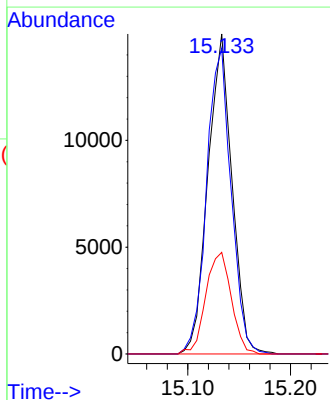
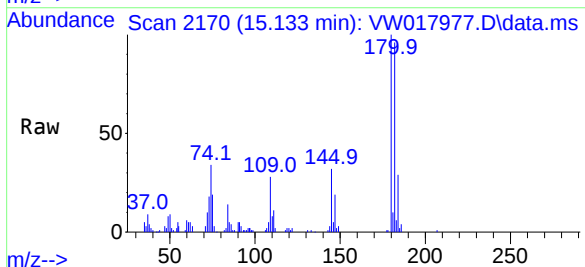
Instrument :
MSVOA_W
ClientSampleId :
VSTD005105

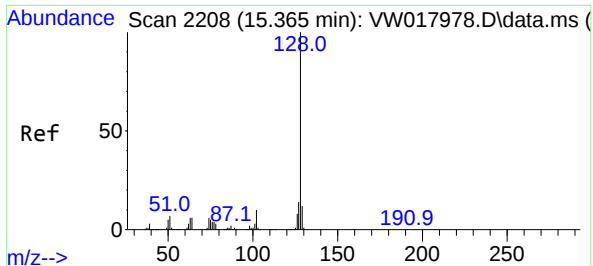
Tgt Ion:	180	Resp:	30715
Ion Ratio	Lower	Upper	
180	100		
182	93.7	73.4	110.2
184	30.0	23.6	35.4
145	32.6	24.9	37.3



#70
1,2,4-trichlorobenzene
Concen: 4.76 ug/L
RT: 15.133 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VW017977.D
Acq: 22 Jan 2021 14:46

Tgt Ion:	180	Resp:	24341
Ion Ratio	Lower	Upper	
180	100		
182	97.5	74.7	112.1
145	33.8	25.0	37.4

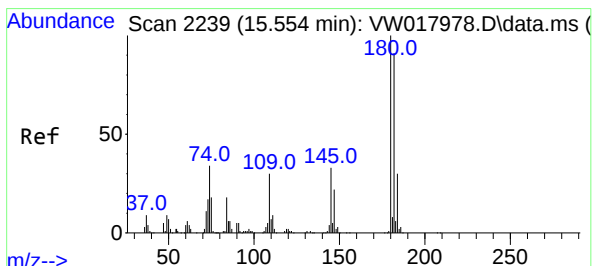
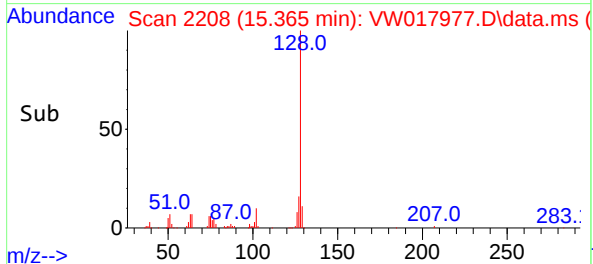
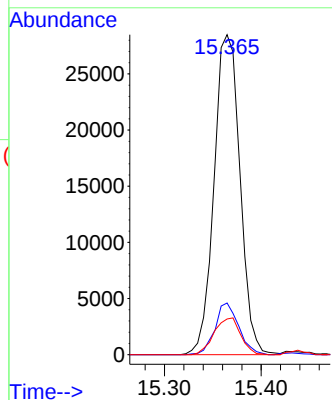
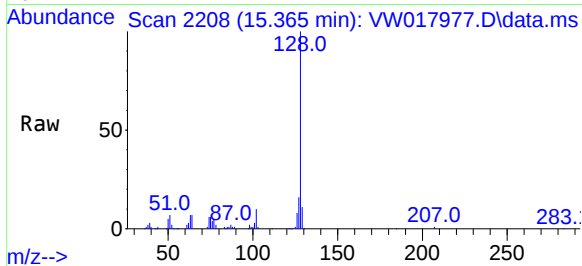




#71
Naphthalene
Concen: 4.47 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW017977.D
Acq: 22 Jan 2021 14:46

Instrument :
MSVOA_W
ClientSampleId :
VSTD005105

Tgt Ion:	128	Resp:	53029
Ion Ratio	Lower	Upper	
128	100		
127	14.8	10.6	15.8
129	11.8	9.0	13.6



#72
1,2,3-Trichlorobenzene
Concen: 5.04 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. -0.000 min
Lab File: VW017977.D
Acq: 22 Jan 2021 14:46

Tgt Ion:	180	Resp:	23046
Ion Ratio	Lower	Upper	
180	100		
182	97.6	76.7	115.1
145	34.5	28.9	43.3

