

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022321\Not Reviewed Data\
 Data File : VW018221.D
 Acq On : 23 Feb 2021 11:12
 Operator : SY/VA
 Sample : VSTD2.505
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5105

Quant Time: Feb 23 19:00:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022321SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Feb 23 18:34:30 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	432360	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	400061	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	207148	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	12234	2.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	10.24%#
7) Chloroethane-d5	2.892	69	9294	2.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	9.92%#
11) 1,1-Dichloroethene-d2	4.025	63	24918	2.57	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	10.28%#
21) 2-Butanone-d5	7.086	46	4701	4.53	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	9.06%#
24) Chloroform-d	7.653	84	26960	2.57	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	10.28%#
26) 1,2-Dichloroethane-d4	8.305	65	13822	2.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	10.56%#
32) Benzene-d6	8.275	84	52949	2.54	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	10.16%#
36) 1,2-Dichloropropane-d6	9.268	67	14691	2.54	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	10.16%#
41) Toluene-d8	10.323	98	50253	2.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	10.08%#
43) trans-1,3-Dichloroprop...	10.579	79	6171	2.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	9.48%#
47) 2-Hexanone-d5	10.927	63	4081	4.45	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	8.90%#
56) 1,1,2,2-Tetrachloroeth...	12.695	84	12109	2.56	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	10.24%#
66) 1,2-Dichlorobenzene-d4	13.853	152	19492	2.57	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	10.28%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	11034	2.14	ug/L #	84
3) Chloromethane	2.215	50	10181	2.58	ug/L	97
5) Vinyl chloride	2.367	62	14841	2.62	ug/L	98
6) Bromomethane	2.788	94	10109	2.57	ug/L	98
8) Chloroethane	2.934	64	7769	2.45	ug/L	86
9) Trichlorofluoromethane	3.263	101	8463	2.09	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	14069	2.54	ug/L	89
12) 1,1-Dichloroethene	4.044	96	13421	2.51	ug/L	89
13) Acetone	4.135	43	3443	4.92	ug/L	99
14) Carbon disulfide	4.391	76	47333	2.89	ug/L	96
15) Methyl Acetate	4.678	43	4613	2.52	ug/L #	84
16) Methylene chloride	4.916	84	18508	3.16	ug/L	92
17) trans-1,2-Dichloroethene	5.428	96	13959	2.44	ug/L	88
18) Methyl tert-butyl Ether	5.428	73	13640	2.40	ug/L #	81
19) 1,1-Dichloroethane	6.220	63	22159	2.48	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	14642	2.47	ug/L	93
22) 2-Butanone	7.183	43	5103	4.58	ug/L	90
23) Bromochloromethane	7.513	128	6887	2.43	ug/L	79
25) Chloroform	7.671	83	24294	2.49	ug/L	94

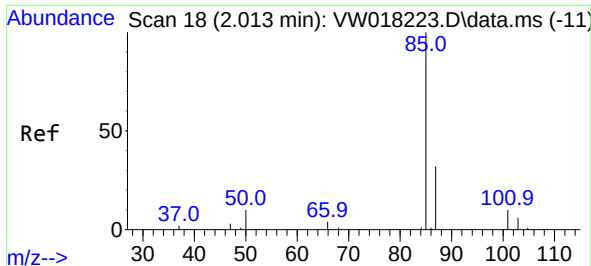
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022321\Not Reviewed Data\
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022321SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Feb 23 18:34:30 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	14776	2.51	ug/L	96
29) Cyclohexane	7.952	56	18702	2.33	ug/L	94
30) 1,1,1-Trichloroethane	7.872	97	19925	2.48	ug/L	95
31) Carbon tetrachloride	8.067	117	18775	2.41	ug/L	99
33) Benzene	8.323	78	52897	2.48	ug/L	100
34) Trichloroethene	9.092	95	14894	2.49	ug/L	94
35) Methylcyclohexane	9.329	83	23763	2.41	ug/L	97
37) 1,2-Dichloropropane	9.366	63	12089	2.45	ug/L	98
38) Bromodichloromethane	9.640	83	16356	2.37	ug/L	94
39) cis-1,3-Dichloropropene	10.073	75	17306	2.19	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	11086	4.42	ug/L #	91
42) Toluene	10.384	91	56876	2.42	ug/L	95
44) trans-1,3-Dichloropropene	10.604	75	15075	2.22	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	9637	2.39	ug/L	98
46) Tetrachloroethene	10.860	164	13231	2.50	ug/L	95
48) 2-Hexanone	10.969	43	7325	4.28	ug/L #	91
49) Dibromochloromethane	11.128	129	11666	2.34	ug/L	98
50) 1,2-Dibromoethane	11.231	107	9455	2.39	ug/L #	96
51) Chlorobenzene	11.658	112	39261	2.50	ug/L	96
52) Ethylbenzene	11.731	91	64407	2.43	ug/L	99
53) m,p-Xylene	11.835	106	25064	2.42	ug/L	95
54) o-Xylene	12.164	106	23180	2.37	ug/L	91
55) Styrene	12.176	104	38093	2.32	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	11120	2.46	ug/L #	93
59) Bromoform	12.347	173	6375	2.16	ug/L #	93
60) Isopropylbenzene	12.463	105	61800	2.29	ug/L	97
61) 1,2,3-Trichloropropane	12.768	75	8189	2.41	ug/L	93
62) 1,3,5-Trimethylbenzene	12.945	105	50216	2.22	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	50423	2.23	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	32015	2.46	ug/L	95
65) 1,4-Dichlorobenzene	13.579	146	32559	2.50	ug/L	91
67) 1,2-Dichlorobenzene	13.865	146	28063	2.41	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	1682	2.28	ug/L #	85
69) 1,3,5-Trichlorobenzene	14.627	180	23653	2.37	ug/L	94
70) 1,2,4-trichlorobenzene	15.127	180	19686	2.38	ug/L	99
71) Naphthalene	15.365	128	31733	2.18	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	17433	2.41	ug/L	96

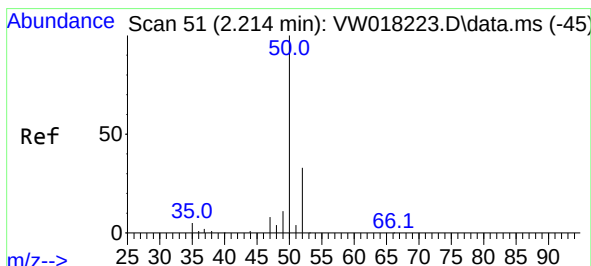
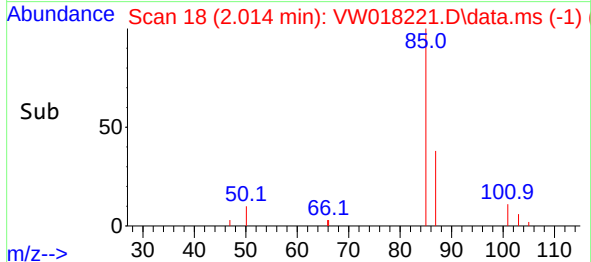
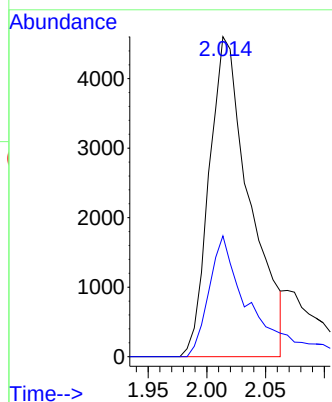
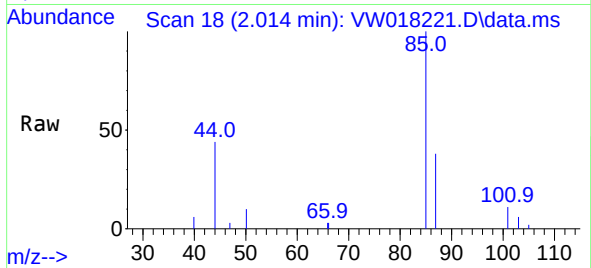
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 2.14 ug/L
RT: 2.014 min Scan# 18
Delta R.T. 0.000 min
Lab File: VW018221.D
Acq: 23 Feb 2021 11:12

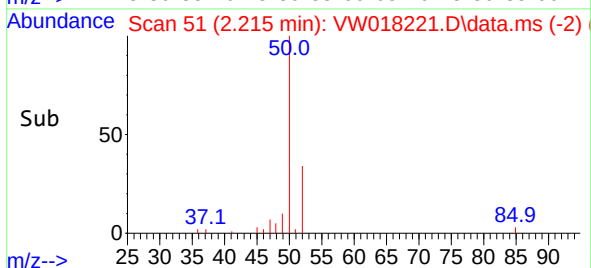
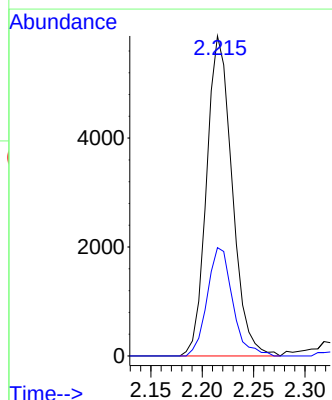
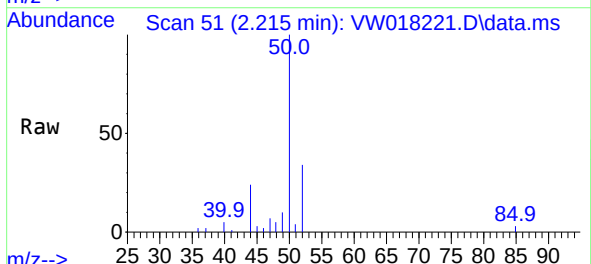
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5105

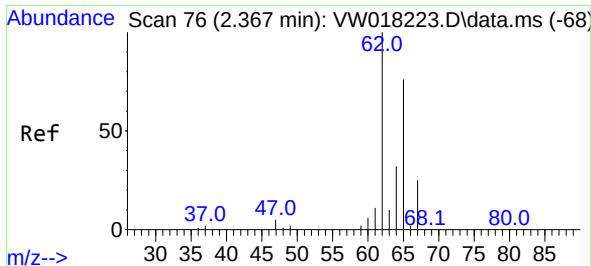
Tgt Ion: 85 Resp: 11034
Ion Ratio Lower Upper
85 100
87 37.7 23.3 34.9#



#3
Chloromethane
Concen: 2.58 ug/L
RT: 2.215 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW018221.D
Acq: 23 Feb 2021 11:12

Tgt Ion: 50 Resp: 10181
Ion Ratio Lower Upper
50 100
52 33.9 22.5 41.9

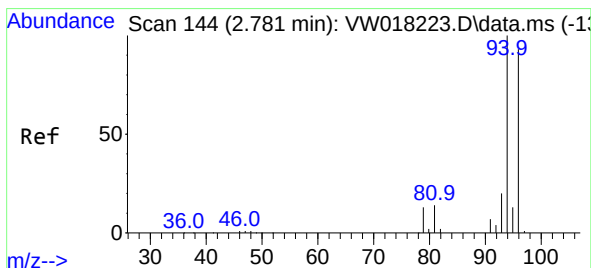
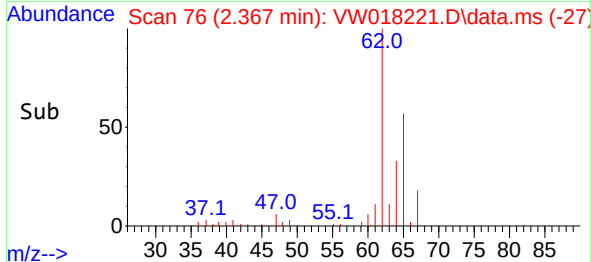
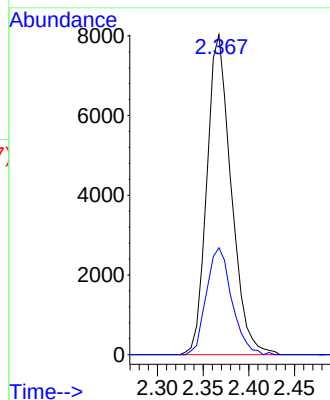
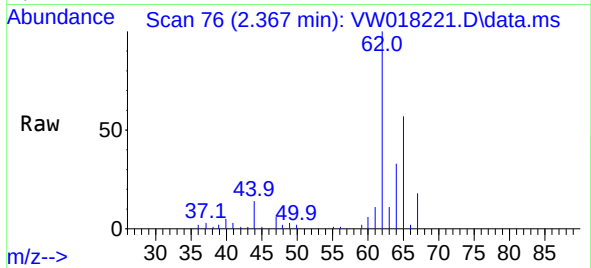




#5
 Vinyl chloride
 Concen: 2.62 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VW018221.D
 Acq: 23 Feb 2021 11:12

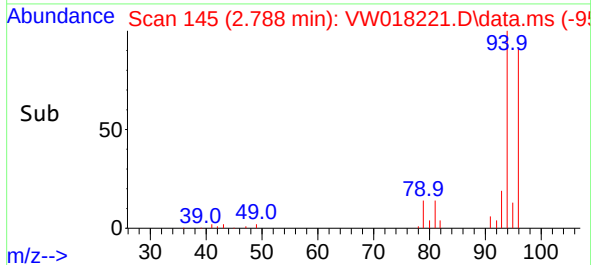
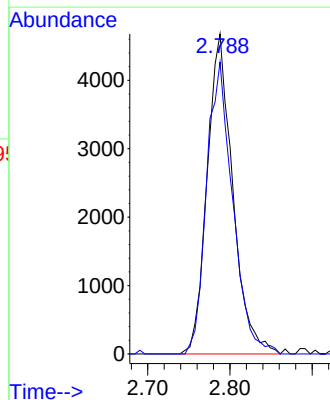
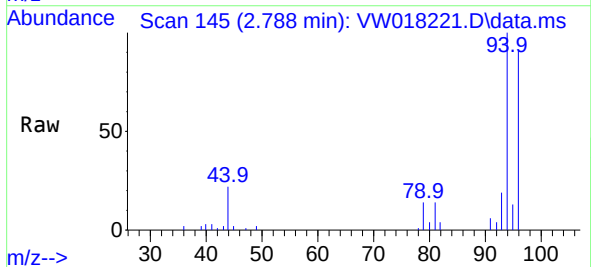
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 ClientSampleId :
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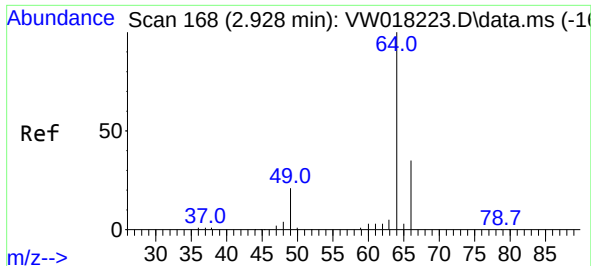
Tgt Ion: 62 Resp: 14841
 Ion Ratio Lower Upper
 62 100
 64 33.4 24.2 45.0



#6
 Bromomethane
 Concen: 2.57 ug/L
 RT: 2.788 min Scan# 145
 Delta R.T. 0.006 min
 Lab File: VW018221.D
 Acq: 23 Feb 2021 11:12

Tgt Ion: 94 Resp: 10109
 Ion Ratio Lower Upper
 94 100
 96 91.2 65.3 121.3

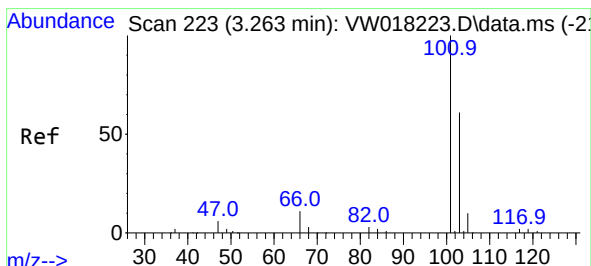
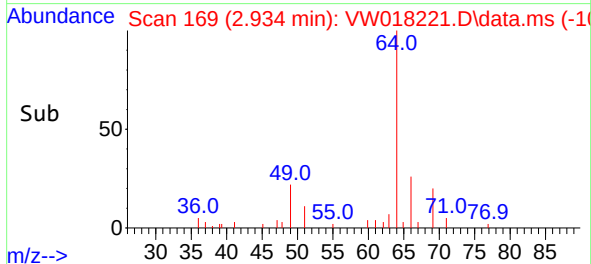
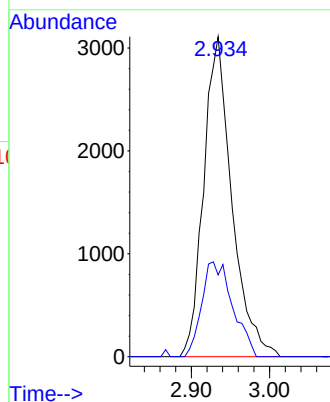
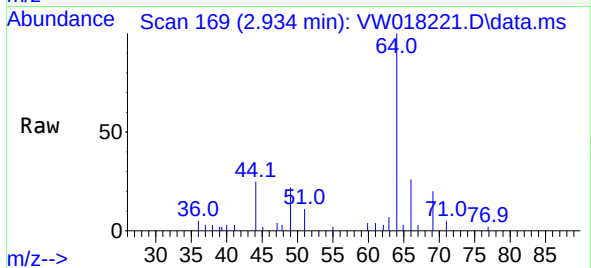




#8
Chloroethane
Concen: 2.45 ug/L
RT: 2.934 min Scan# 169
Delta R.T. 0.006 min
Lab File: VW018221.D
Acq: 23 Feb 2021 11:12

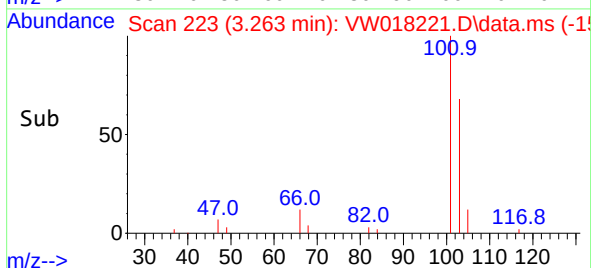
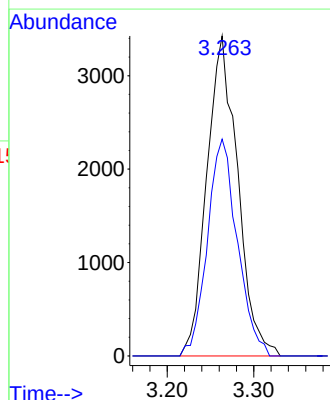
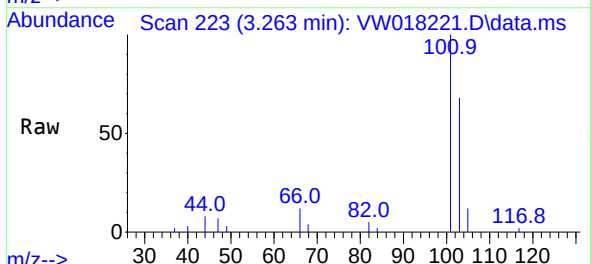
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ClientSampleId :
VSTD2.5105

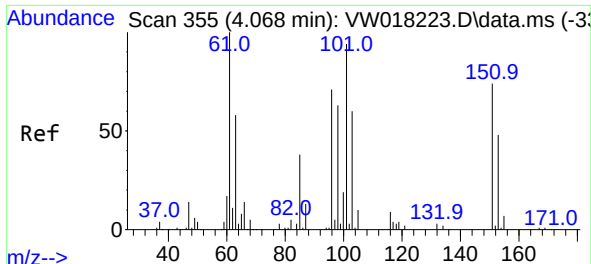
Tgt Ion: 64 Resp: 7769
Ion Ratio Lower Upper
64 100
66 25.6 23.4 43.6



#9
Trichlorofluoromethane
Concen: 2.09 ug/L
RT: 3.263 min Scan# 223
Delta R.T. 0.000 min
Lab File: VW018221.D
Acq: 23 Feb 2021 11:12

Tgt Ion: 101 Resp: 8463
Ion Ratio Lower Upper
101 100
103 65.9 51.0 76.4

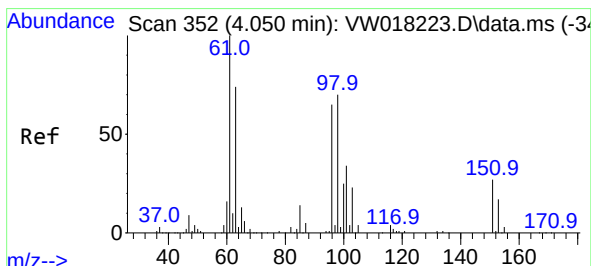
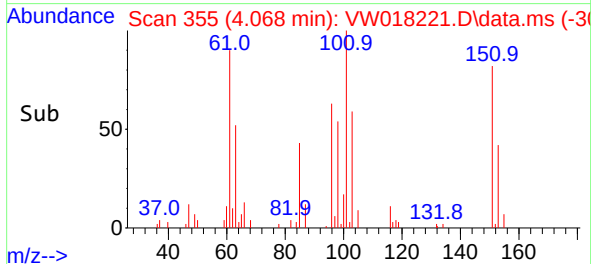
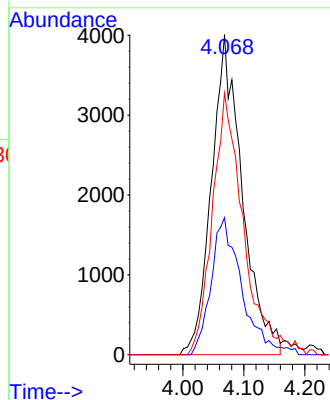
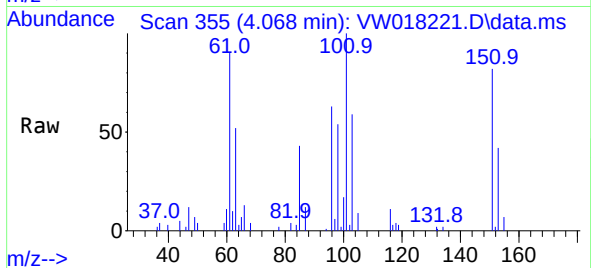




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.54 ug/L
RT: 4.068 min Scan# 355
Delta R.T. 0.000 min
Lab File: VW018221.D
Acq: 23 Feb 2021 11:12

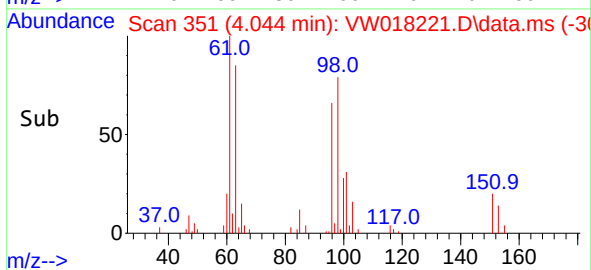
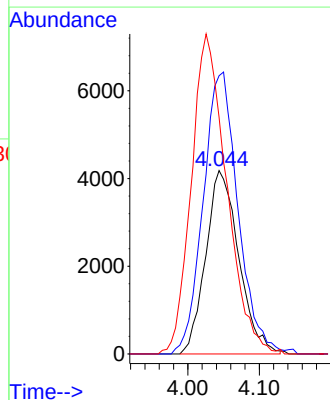
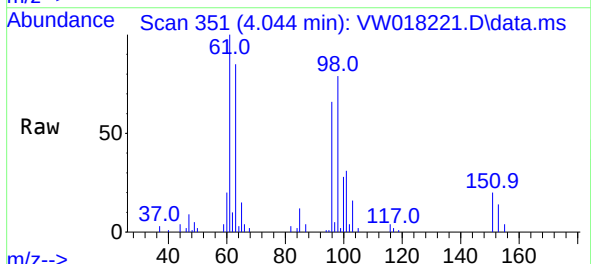
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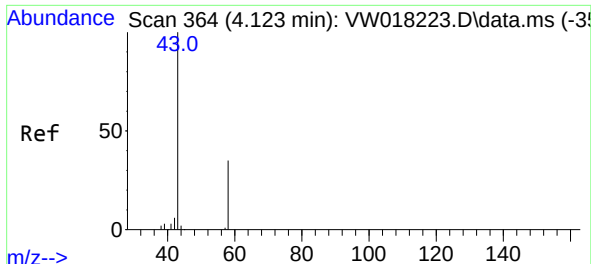
Tgt Ion:	101	Resp:	14069
Ion	Ratio	Lower	Upper
101	100		
85	40.8	38.2	57.2
151	80.0	56.6	85.0



#12
1,1-Dichloroethene
Concen: 2.51 ug/L
RT: 4.044 min Scan# 351
Delta R.T. -0.006 min
Lab File: VW018221.D
Acq: 23 Feb 2021 11:12

Tgt Ion:	96	Resp:	13421
Ion	Ratio	Lower	Upper
96	100		
61	151.8	118.1	219.3
63	129.1	83.7	155.5

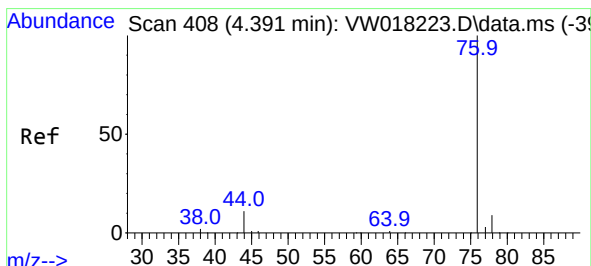
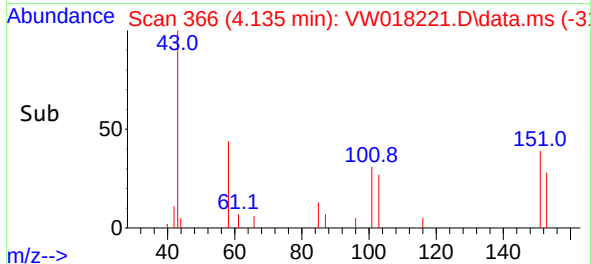
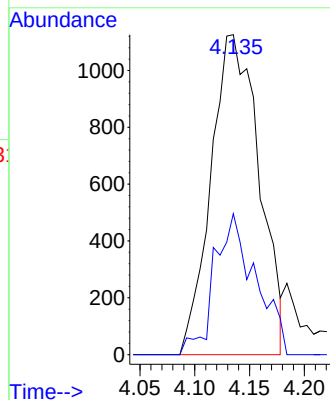
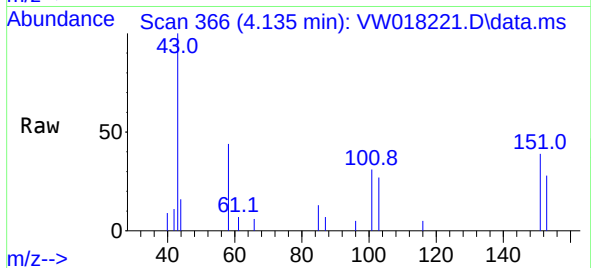




#13
Acetone
Concen: 4.92 ug/L
RT: 4.135 min Scan# 366
Delta R.T. 0.013 min
Lab File: VW018221.D
Acq: 23 Feb 2021 11:12

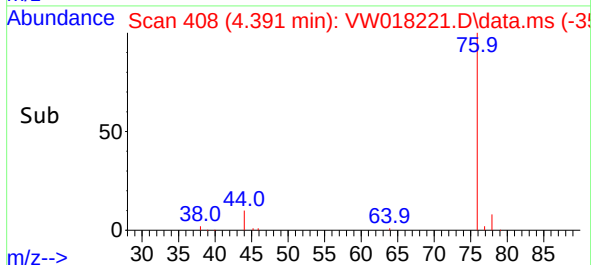
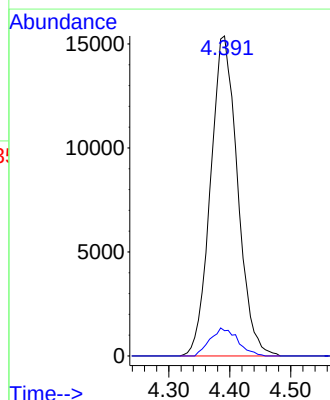
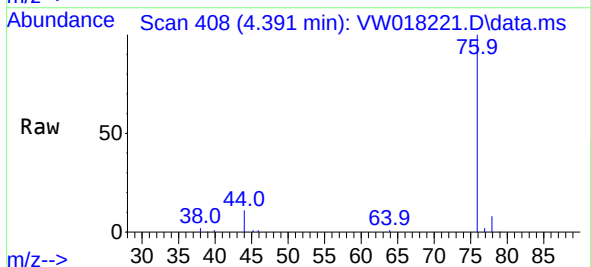
Instrument :
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ClientSampleId :
VSTD2.5105

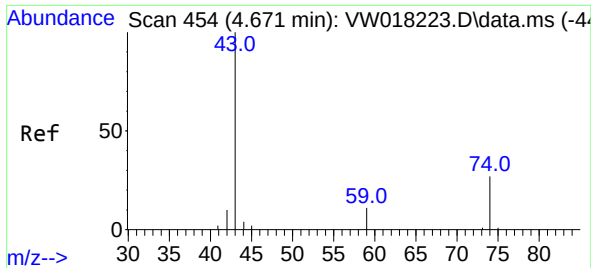
Tgt Ion: 43 Resp: 3443
Ion Ratio Lower Upper
43 100
58 27.4 0.0 53.8



#14
Carbon disulfide
Concen: 2.89 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.000 min
Lab File: VW018221.D
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Tgt Ion: 76 Resp: 47333
Ion Ratio Lower Upper
76 100
78 7.9 7.4 11.0

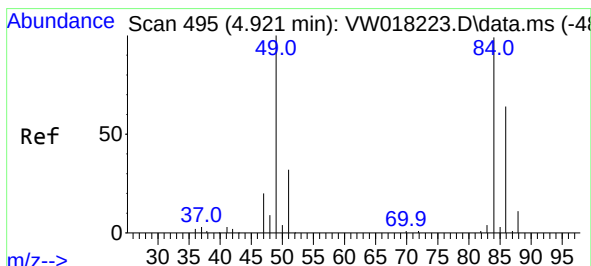
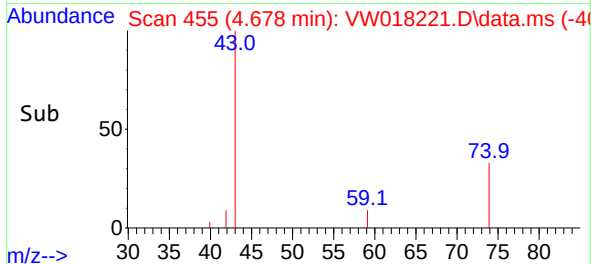
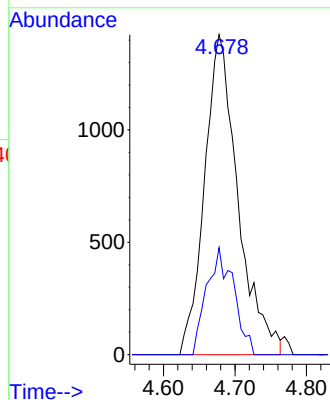
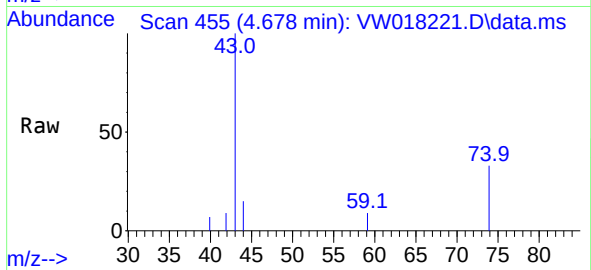




#15
Methyl Acetate
Concen: 2.52 ug/L
RT: 4.678 min Scan# 455
Delta R.T. 0.006 min
Lab File: VW018221.D
Acq: 23 Feb 2021 11:12

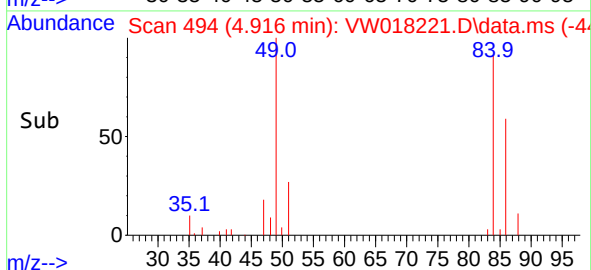
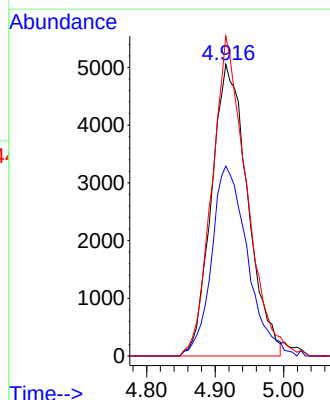
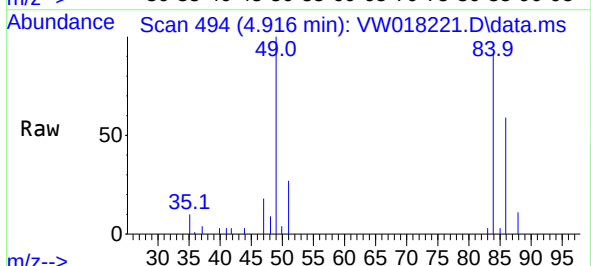
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5105

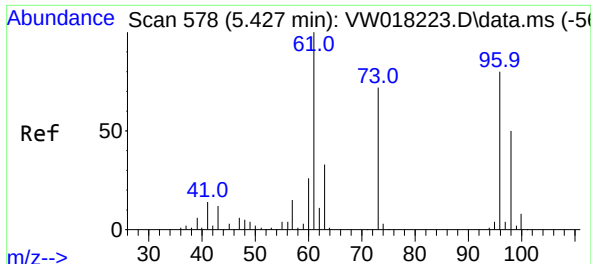
Tgt Ion: 43 Resp: 4613
Ion Ratio Lower Upper
43 100
74 16.9 20.0 30.0#



#16
Methylene chloride
Concen: 3.16 ug/L
RT: 4.916 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW018221.D
Acq: 23 Feb 2021 11:12

Tgt Ion: 84 Resp: 18508
Ion Ratio Lower Upper
84 100
86 65.1 45.3 84.1
49 109.8 86.6 160.8

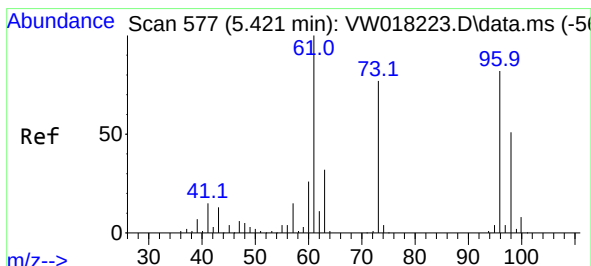
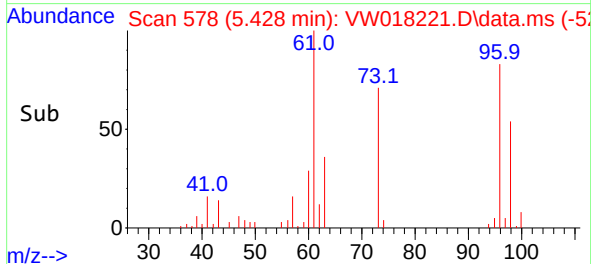
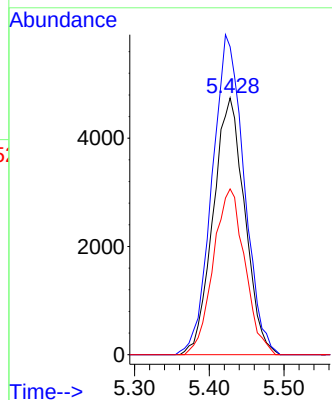
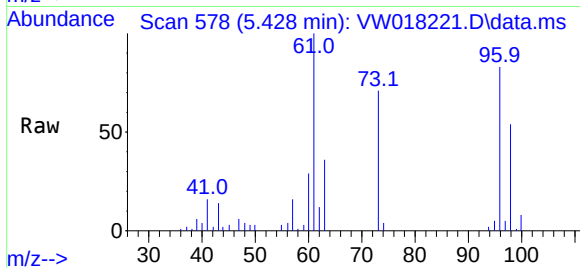




#17
trans-1,2-Dichloroethene
Concen: 2.44 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW018221.D
Acq: 23 Feb 2021 11:12

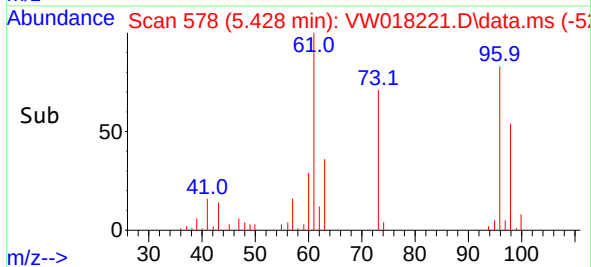
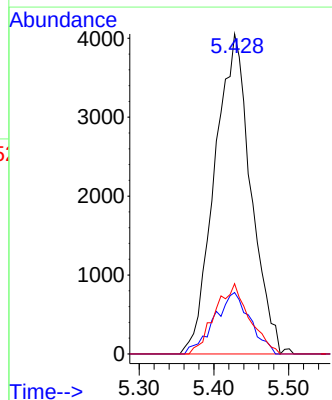
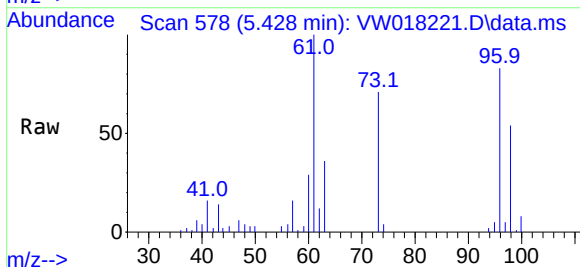
Instrument :
MSVOA_W
ClientSampled :
VSTD2.5105

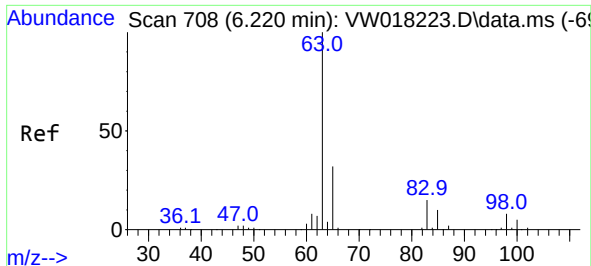
Tgt Ion: 96 Resp: 13959
Ion Ratio Lower Upper
96 100
61 119.9 98.3 182.7
98 64.5 46.1 85.7



#18
Methyl tert-butyl Ether
Concen: 2.40 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW018221.D
Acq: 23 Feb 2021 11:12

Tgt Ion: 73 Resp: 13640
Ion Ratio Lower Upper
73 100
43 13.1 17.7 26.5#
57 12.6 17.0 25.4#





#19

1,1-Dichloroethane

Concen: 2.48 ug/L

RT: 6.220 min Scan# 708

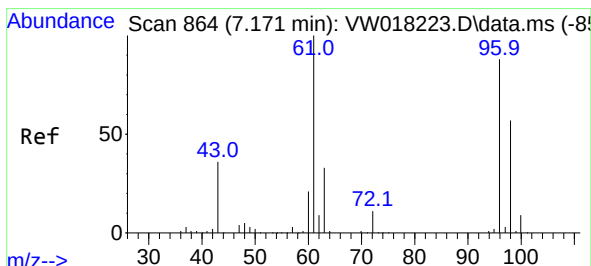
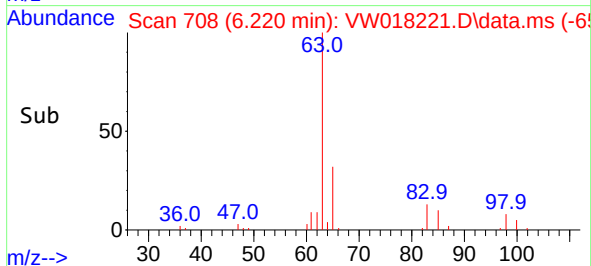
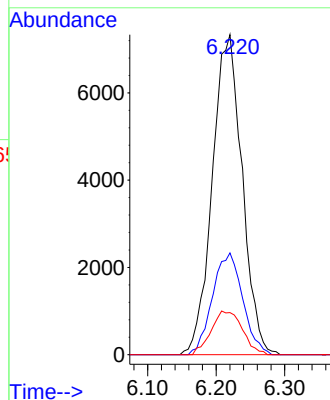
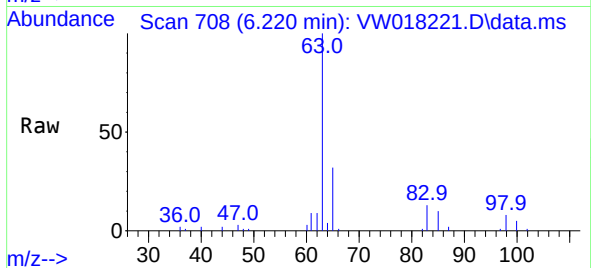
Delta R.T. 0.000 min

Lab File: VW018221.D

Acq: 23 Feb 2021 11:12

Tgt Ion:	63	Resp:	22159
Ion	Ratio	Lower	Upper
63	100		
65	31.8	22.9	42.5
83	13.1	10.2	19.0

Instrument :
MSVOA_W
ClientSampled :
VSTD2.5105



#20

cis-1,2-Dichloroethene

Concen: 2.47 ug/L

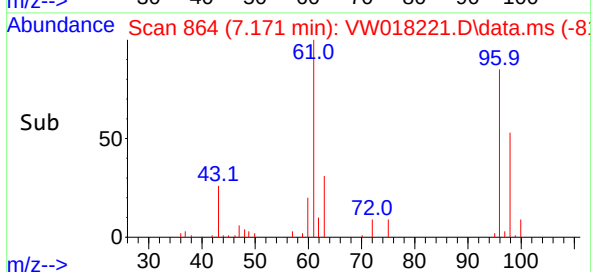
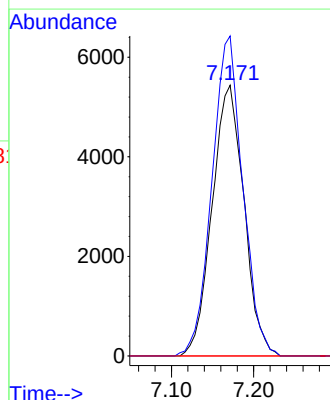
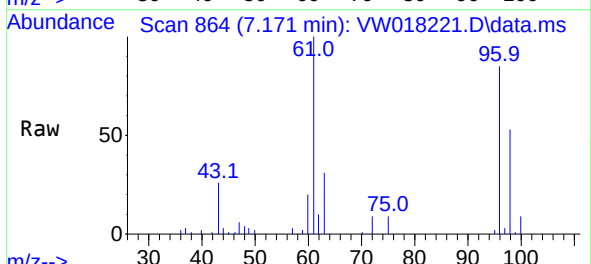
RT: 7.171 min Scan# 864

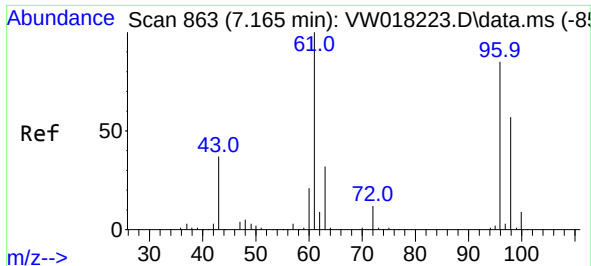
Delta R.T. 0.000 min

Lab File: VW018221.D

Acq: 23 Feb 2021 11:12

Tgt Ion:	96	Resp:	14642
Ion	Ratio	Lower	Upper
96	100		
61	118.2	88.5	164.3
68	0.0	0.0	0.0

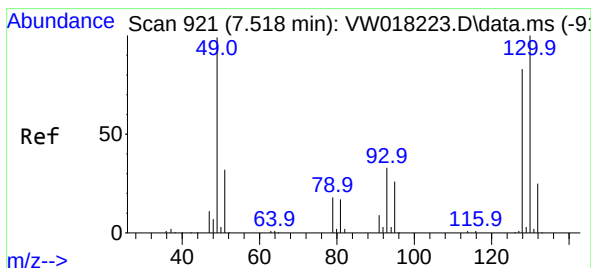
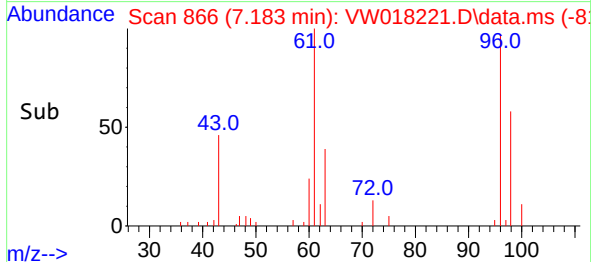
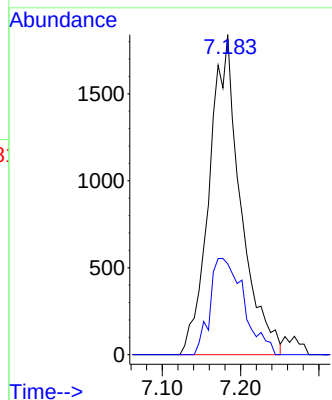
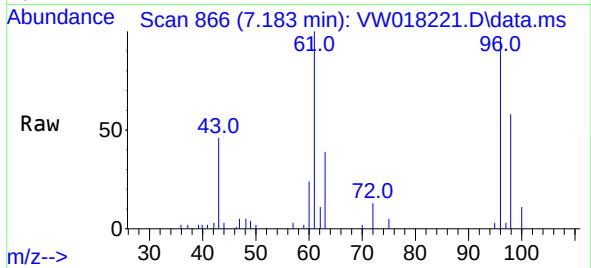




#22
2-Butanone
Concen: 4.58 ug/L
RT: 7.183 min Scan# 866
Delta R.T. 0.019 min
Lab File: VW018221.D
Acq: 23 Feb 2021 11:12

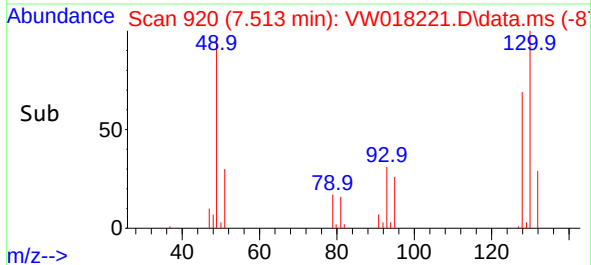
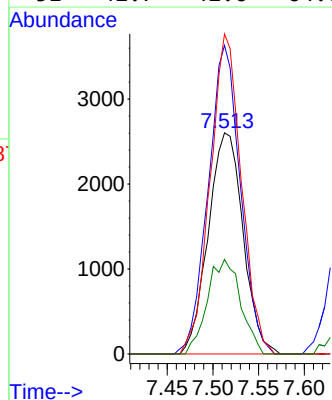
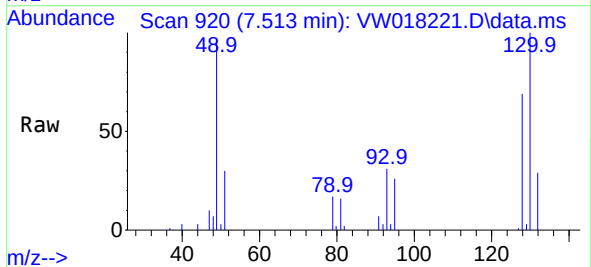
Instrument :
MSVOA_W
ClientSampled :
VSTD2.5105

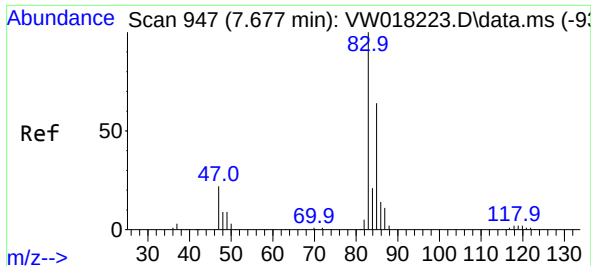
Tgt Ion: 43 Resp: 5103
Ion Ratio Lower Upper
43 100
72 24.2 14.9 44.7



#23
Bromochloromethane
Concen: 2.43 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.006 min
Lab File: VW018221.D
Acq: 23 Feb 2021 11:12

Tgt Ion: 128 Resp: 6887
Ion Ratio Lower Upper
128 100
49 139.5 116.3 215.9
130 144.7 82.4 153.0
51 42.7 42.6 64.0

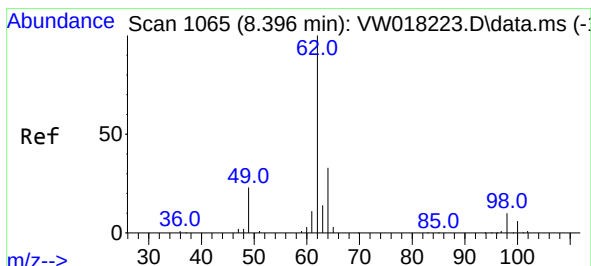
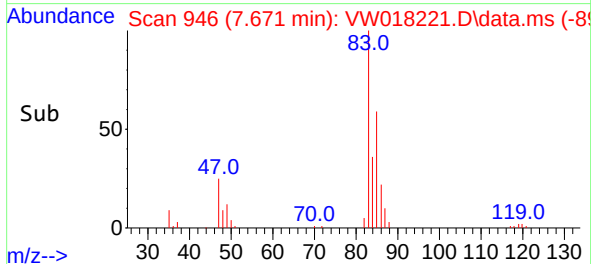
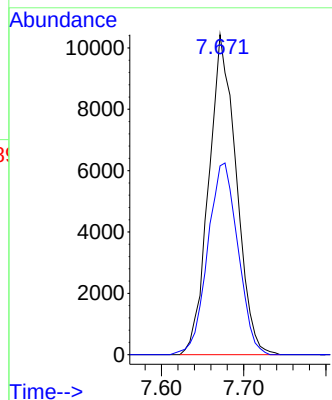
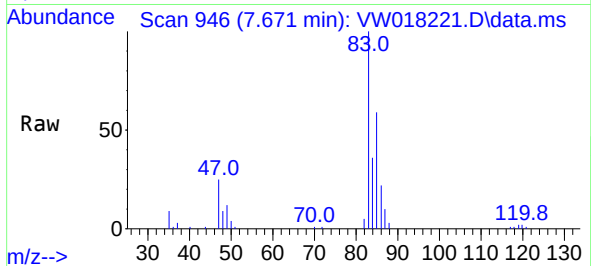




#25
Chloroform
Concen: 2.49 ug/L
RT: 7.671 min Scan# 946
Delta R.T. -0.006 min
Lab File: VW018221.D
Acq: 23 Feb 2021 11:12

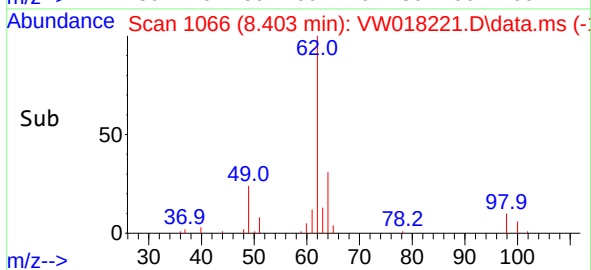
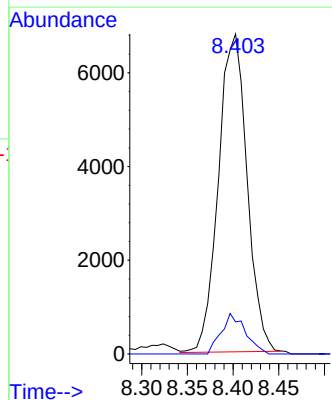
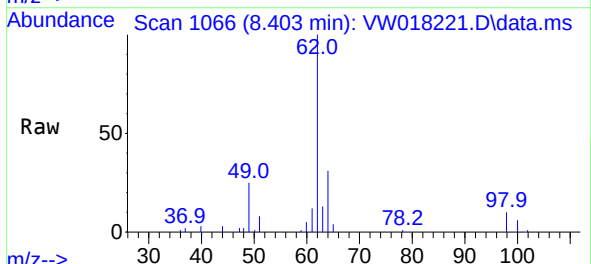
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5105

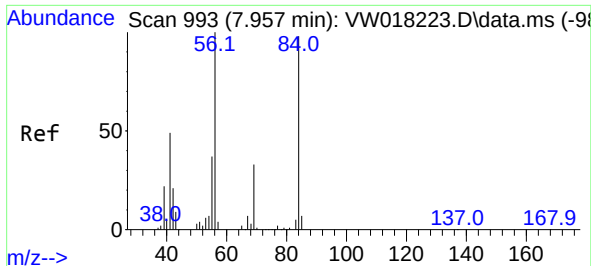
Tgt Ion: 83 Resp: 24294
Ion Ratio Lower Upper
83 100
85 59.0 44.6 82.8



#27
1,2-Dichloroethane
Concen: 2.51 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW018221.D
Acq: 23 Feb 2021 11:12

Tgt Ion: 62 Resp: 14776
Ion Ratio Lower Upper
62 100
98 10.0 6.9 10.3



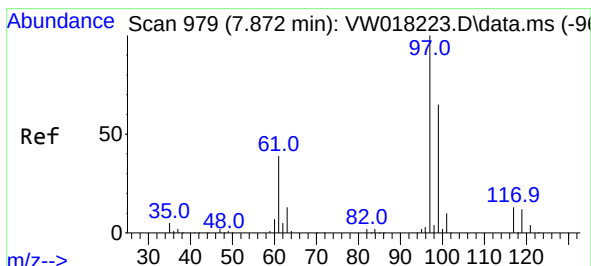
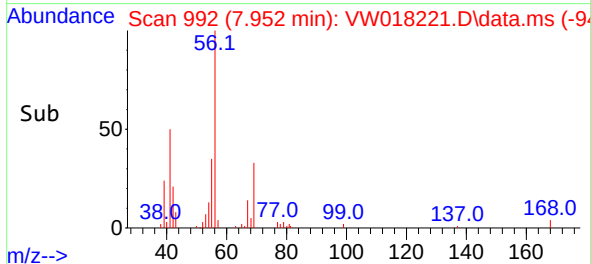
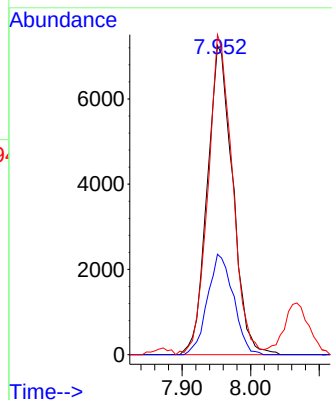
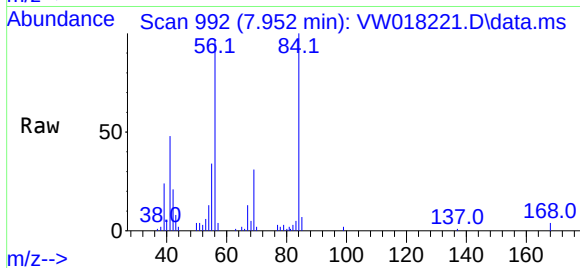


#29
Cyclohexane
Concen: 2.33 ug/L
RT: 7.952 min Scan# 992
Delta R.T. -0.006 min
Lab File: VW018221.D
Acq: 23 Feb 2021 11:12

Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5105

Tgt Ion: 56 Resp: 18702

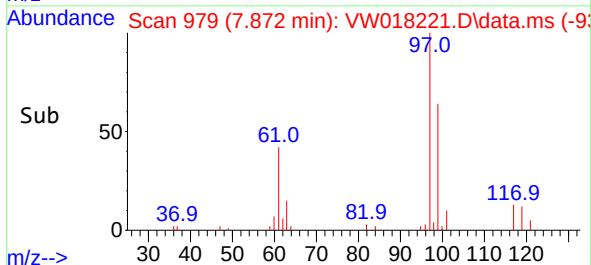
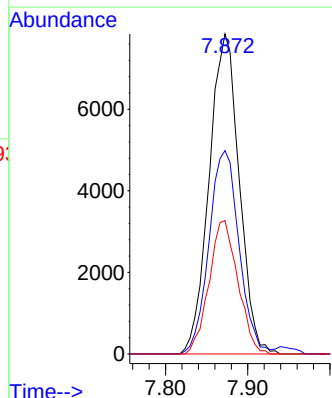
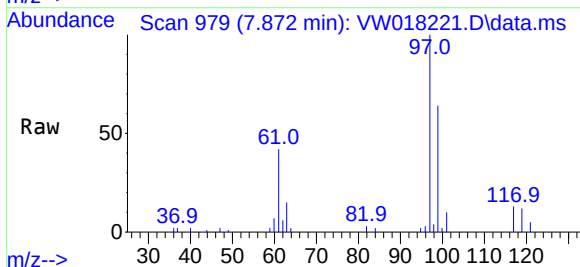
Ion	Ratio	Lower	Upper
56	100		
69	33.0	24.5	36.7
84	99.5	75.0	112.4

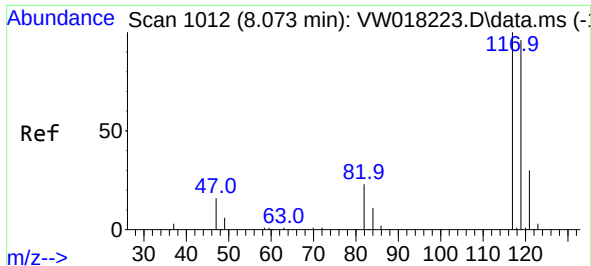


#30
1,1,1-Trichloroethane
Concen: 2.48 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW018221.D
Acq: 23 Feb 2021 11:12

Tgt Ion: 97 Resp: 19925

Ion	Ratio	Lower	Upper
97	100		
99	63.6	51.4	77.2
61	40.1	37.8	56.6

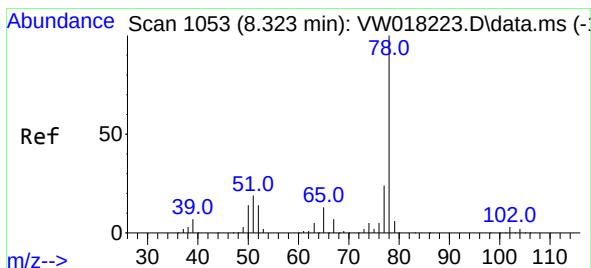
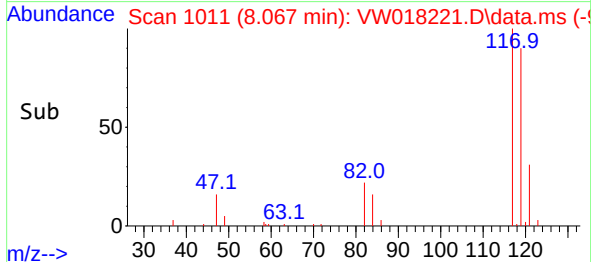
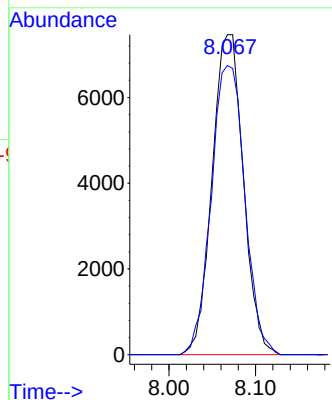
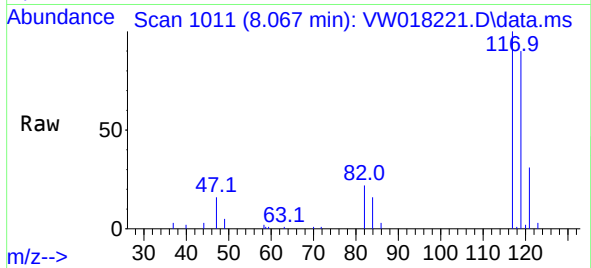




#31
Carbon tetrachloride
Concen: 2.41 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.006 min
Lab File: VW018221.D
Acq: 23 Feb 2021 11:12

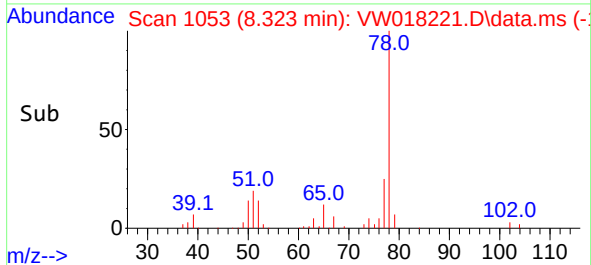
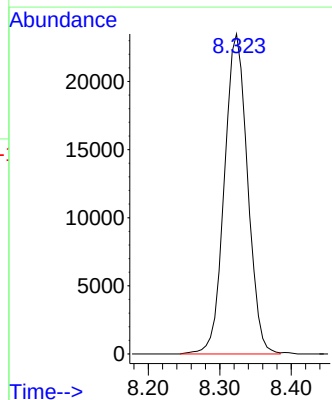
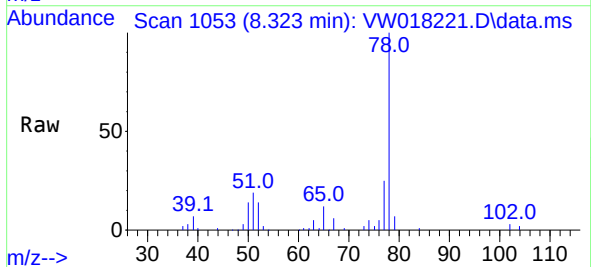
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5105

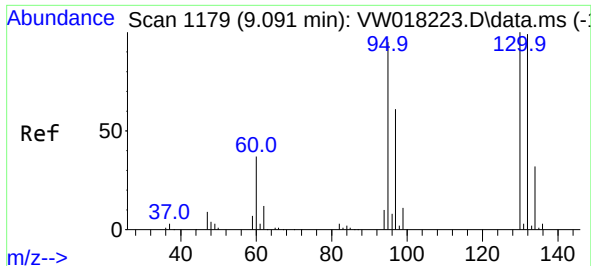
Tgt Ion:117 Resp: 18775
Ion Ratio Lower Upper
117 100
119 96.3 76.5 114.7



#33
Benzene
Concen: 2.48 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW018221.D
Acq: 23 Feb 2021 11:12

Tgt Ion: 78 Resp: 52897

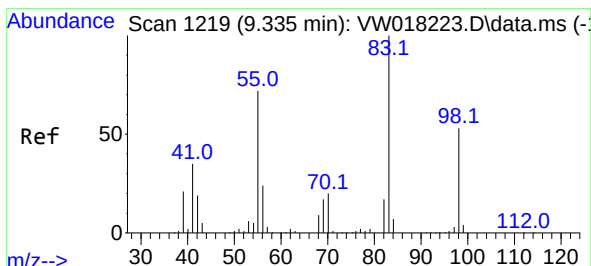
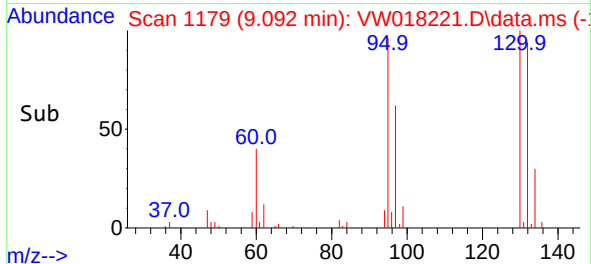
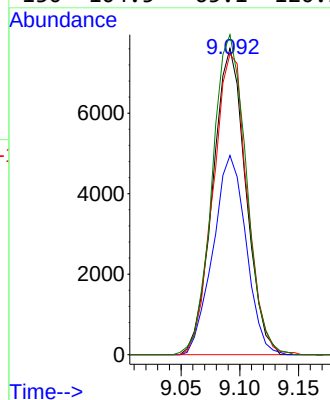
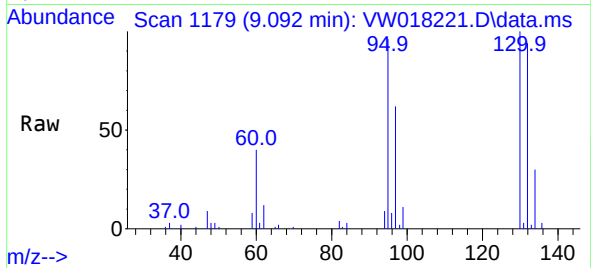




#34
Trichloroethene
Concen: 2.49 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW018221.D
Acq: 23 Feb 2021 11:12

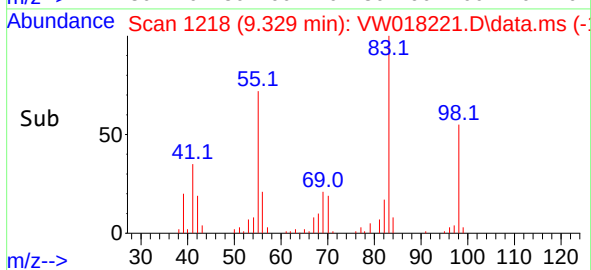
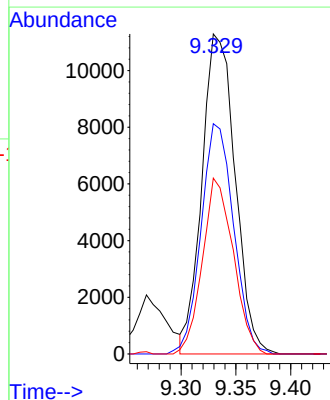
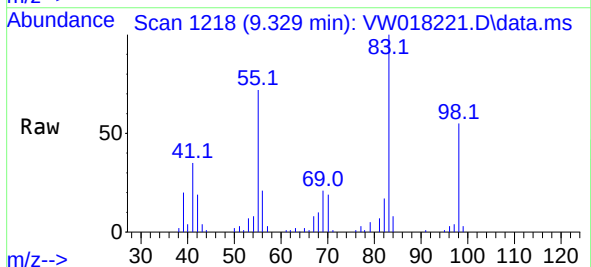
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5105

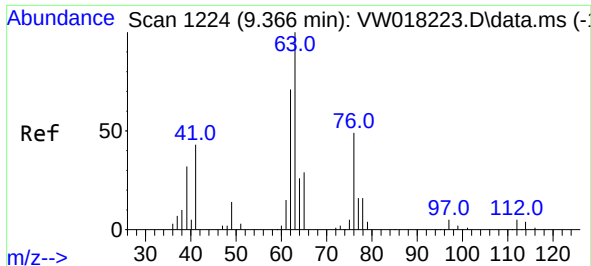
Tgt Ion: 95 Resp: 14894
Ion Ratio Lower Upper
95 100
97 65.0 47.3 87.8
132 98.2 71.0 131.8
130 104.5 65.1 120.9



#35
Methylcyclohexane
Concen: 2.41 ug/L
RT: 9.329 min Scan# 1218
Delta R.T. -0.006 min
Lab File: VW018221.D
Acq: 23 Feb 2021 11:12

Tgt Ion: 83 Resp: 23763
Ion Ratio Lower Upper
83 100
55 70.6 58.9 88.3
98 51.2 40.1 60.1

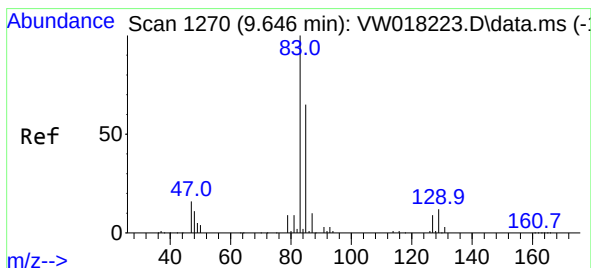
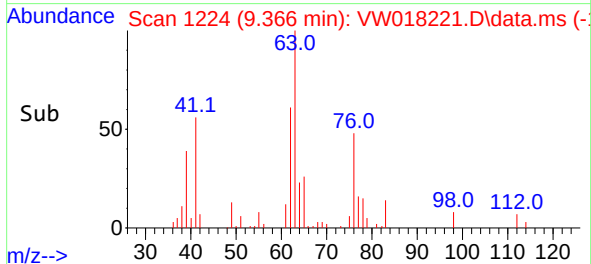
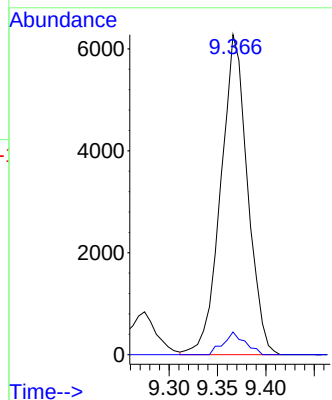
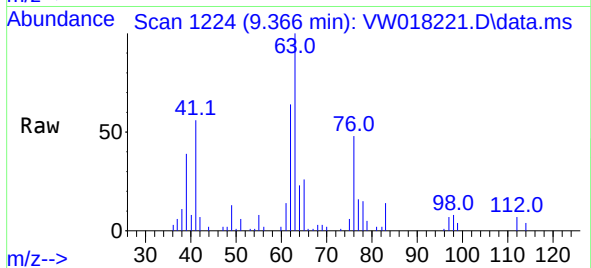




#37
1,2-Dichloropropane
Concen: 2.45 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. 0.000 min
Lab File: VW018221.D
Acq: 23 Feb 2021 11:12

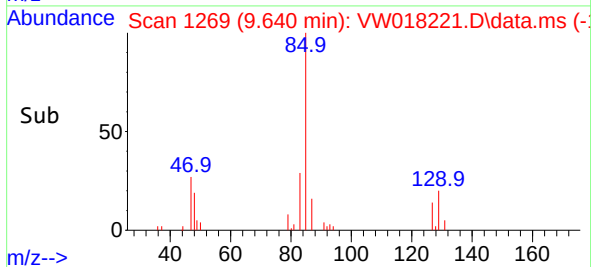
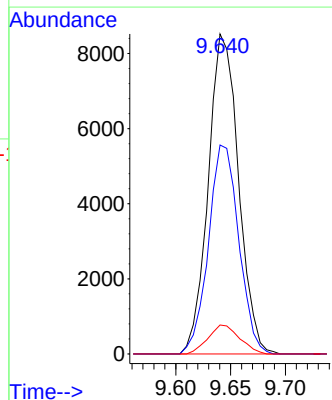
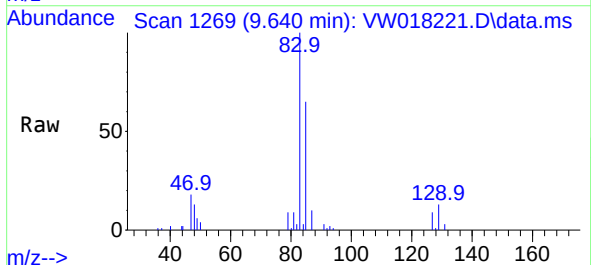
Instrument :
MSVOA_W
ClientSampled :
VSTD2.5105

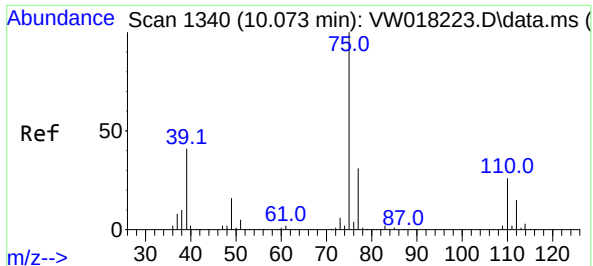
Tgt Ion: 63 Resp: 12089
Ion Ratio Lower Upper
63 100
112 5.7 3.9 5.9



#38
Bromodichloromethane
Concen: 2.37 ug/L
RT: 9.640 min Scan# 1269
Delta R.T. -0.006 min
Lab File: VW018221.D
Acq: 23 Feb 2021 11:12

Tgt Ion: 83 Resp: 16356
Ion Ratio Lower Upper
83 100
85 65.3 42.3 78.5
127 9.0 6.6 9.8

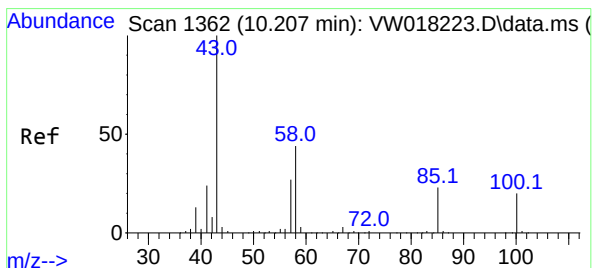
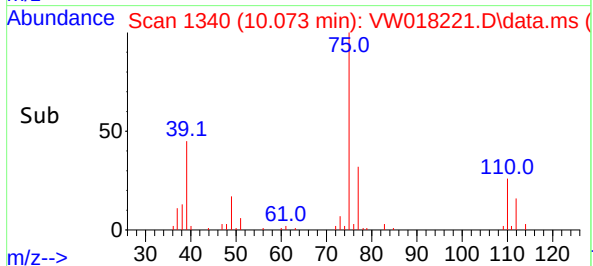
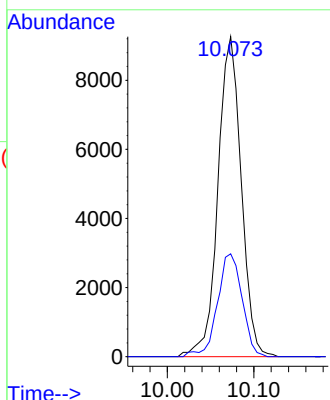
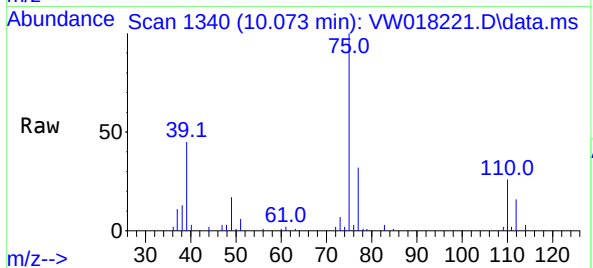




#39
cis-1,3-Dichloropropene
Concen: 2.19 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW018221.D
Acq: 23 Feb 2021 11:12

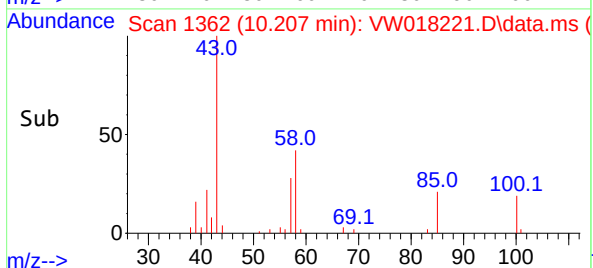
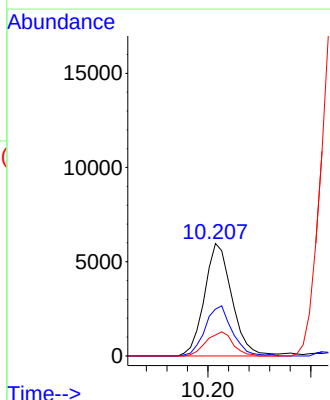
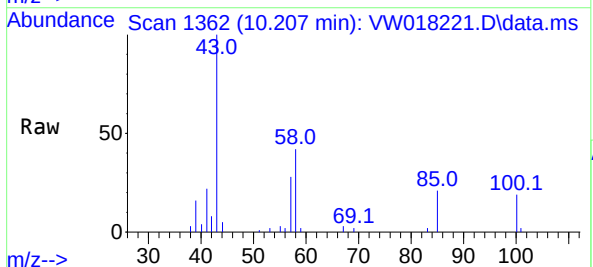
Instrument :
MSVOA_W
ClientSampled :
VSTD2.5105

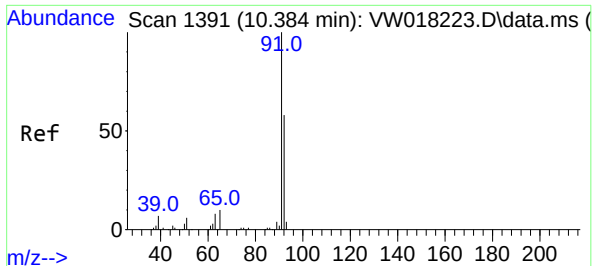
Tgt Ion: 75 Resp: 17306
Ion Ratio Lower Upper
75 100
77 32.1 22.6 42.0



#40
4-Methyl-2-pentanone
Concen: 4.42 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. 0.000 min
Lab File: VW018221.D
Acq: 23 Feb 2021 11:12

Tgt Ion: 43 Resp: 11086
Ion Ratio Lower Upper
43 100
58 43.5 31.0 46.4
100 20.8 13.0 19.6#

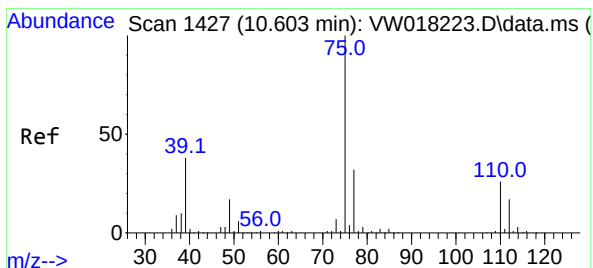
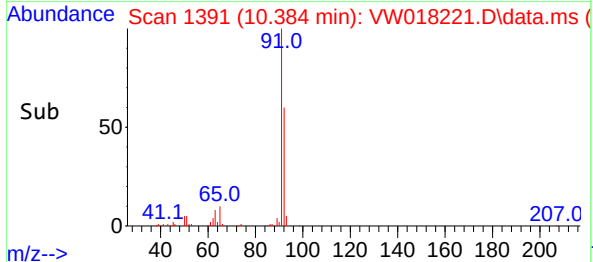
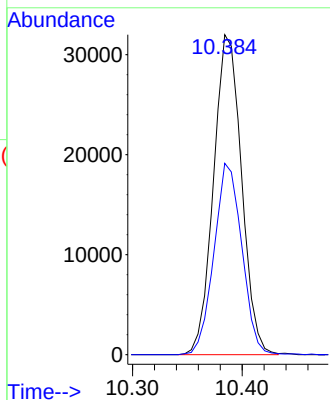
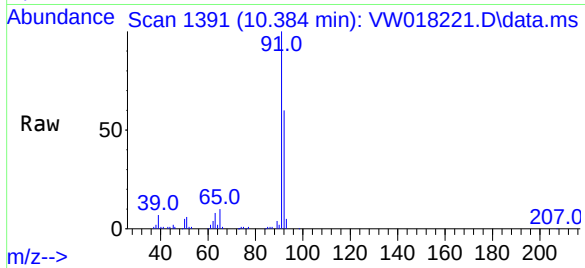




#42
Toluene
Concen: 2.42 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW018221.D
Acq: 23 Feb 2021 11:12

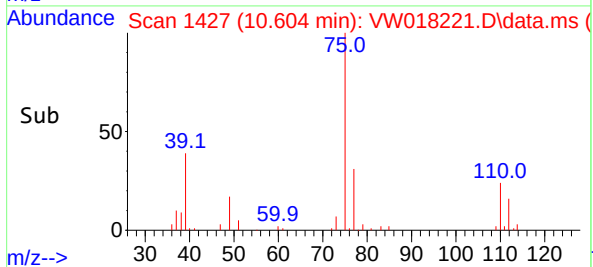
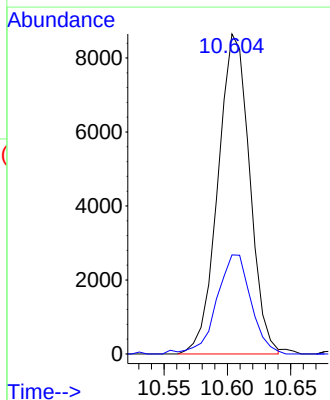
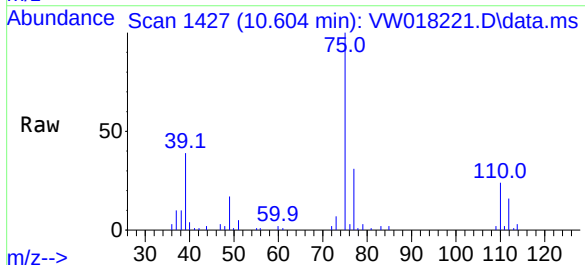
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5105

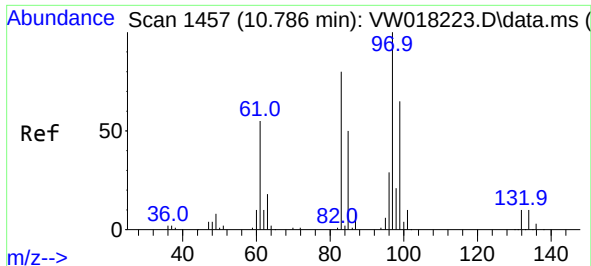
Tgt Ion: 91 Resp: 56876
Ion Ratio Lower Upper
91 100
92 59.8 39.5 73.3



#44
trans-1,3-Dichloropropene
Concen: 2.22 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW018221.D
Acq: 23 Feb 2021 11:12

Tgt Ion: 75 Resp: 15075
Ion Ratio Lower Upper
75 100
77 31.0 21.1 39.1



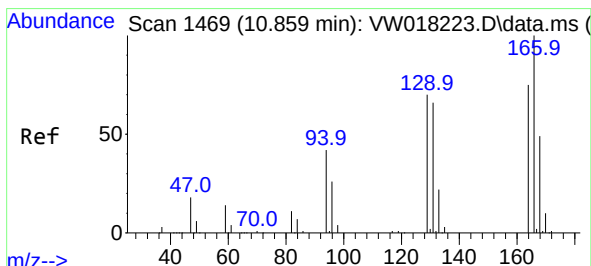
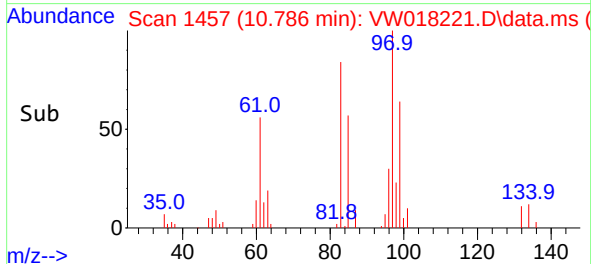
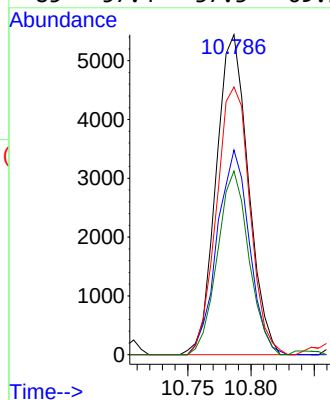
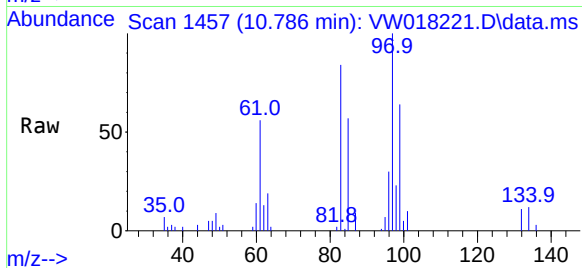


#45

1,1,2-Trichloroethane
Concen: 2.39 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW018221.D
Acq: 23 Feb 2021 11:12

Instrument :
MSVOA_W
ClientSampled :
VSTD2.5105

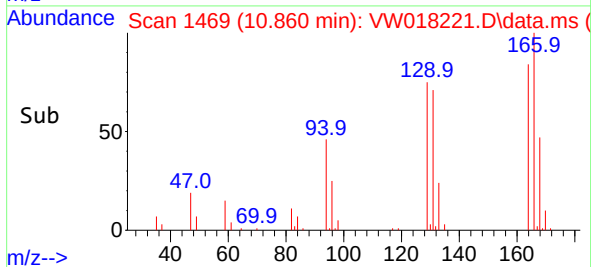
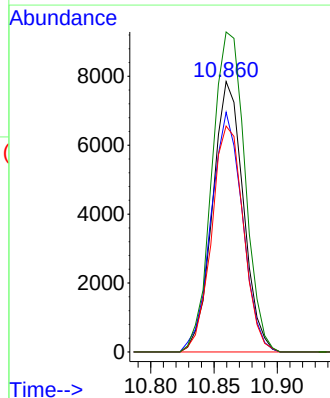
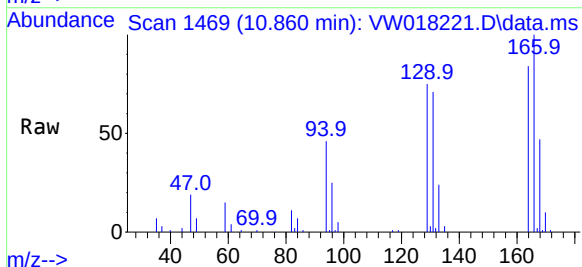
Tgt Ion:	97	Resp:	9637
Ion	Ratio	Lower	Upper
97	100		
99	64.0	45.1	83.7
83	83.6	58.1	107.9
85	57.4	37.3	69.3

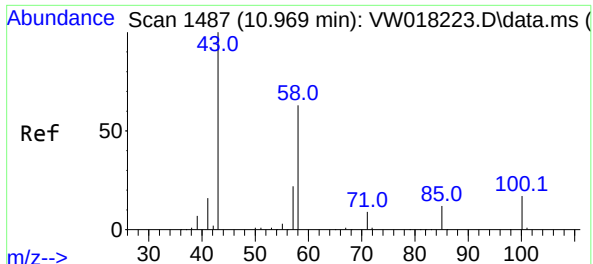


#46

Tetrachloroethene
Concen: 2.50 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW018221.D
Acq: 23 Feb 2021 11:12

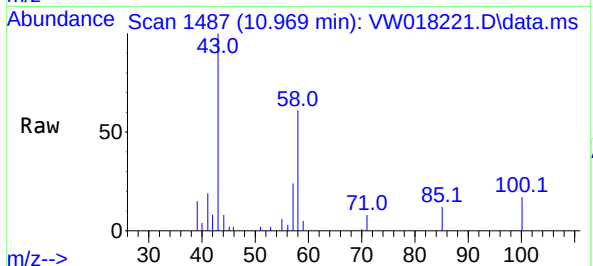
Tgt Ion:	164	Resp:	13231
Ion	Ratio	Lower	Upper
164	100		
129	88.7	66.7	123.9
131	83.6	61.1	113.5
166	118.4	87.0	161.6





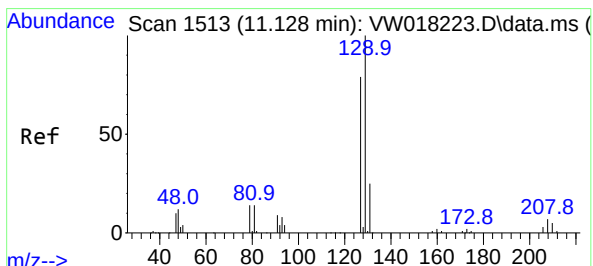
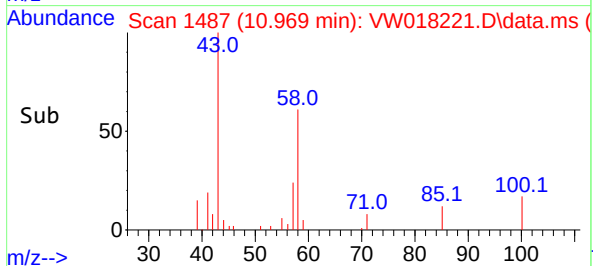
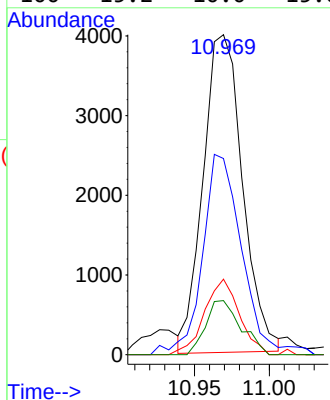
#48
2-Hexanone
Concen: 4.28 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW018221.D
Acq: 23 Feb 2021 11:12

Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5105



Tgt Ion: 43 Resp: 7325

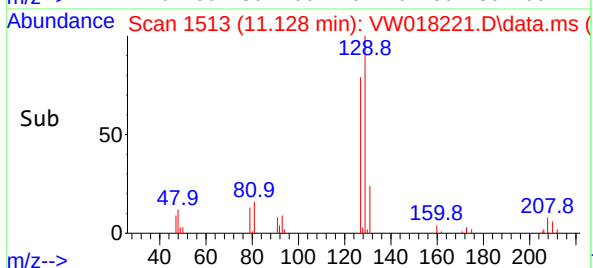
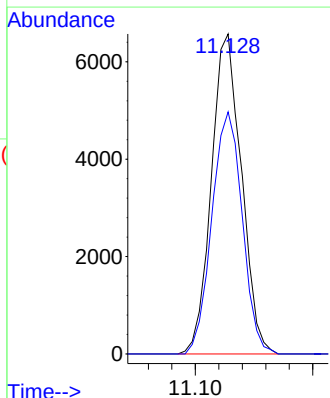
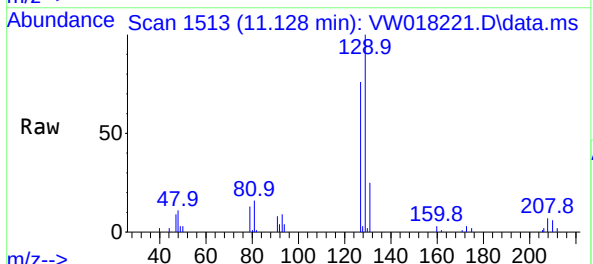
Ion	Ratio	Lower	Upper
43	100		
58	61.4	42.7	64.1
57	21.0	15.8	23.8
100	15.2	10.0	15.0

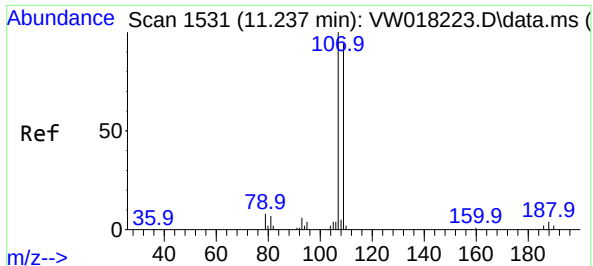


#49
Dibromochloromethane
Concen: 2.34 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW018221.D
Acq: 23 Feb 2021 11:12

Tgt Ion: 129 Resp: 11666

Ion	Ratio	Lower	Upper
129	100		
127	75.6	51.7	95.9

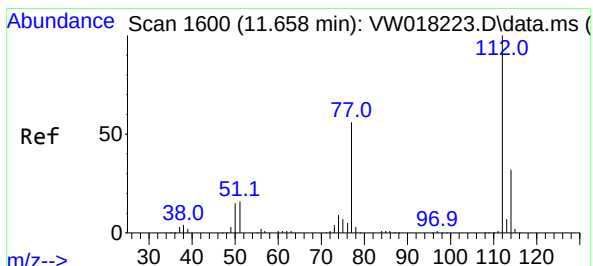
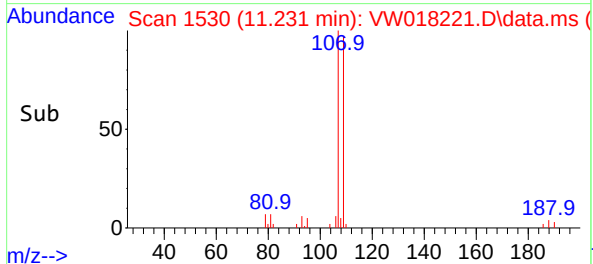
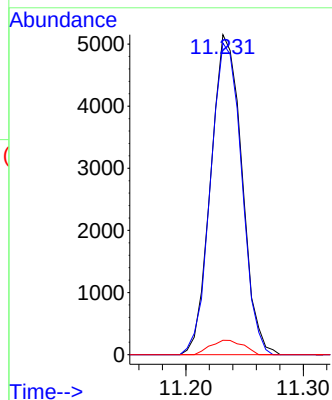
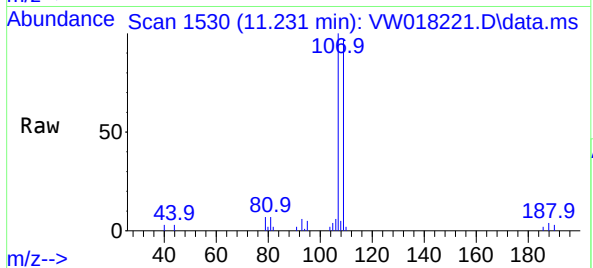




#50
1,2-Dibromoethane
Concen: 2.39 ug/L
RT: 11.231 min Scan# 1530
Delta R.T. -0.006 min
Lab File: VW018221.D
Acq: 23 Feb 2021 11:12

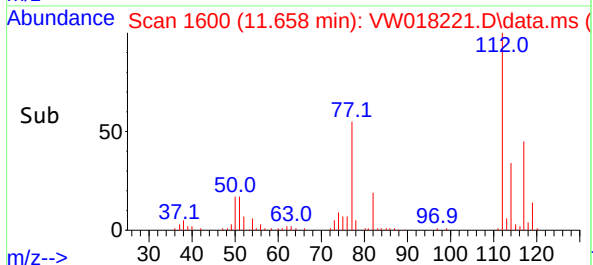
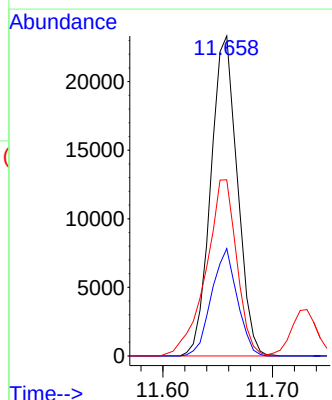
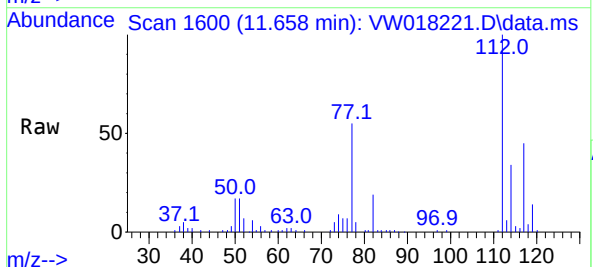
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5105

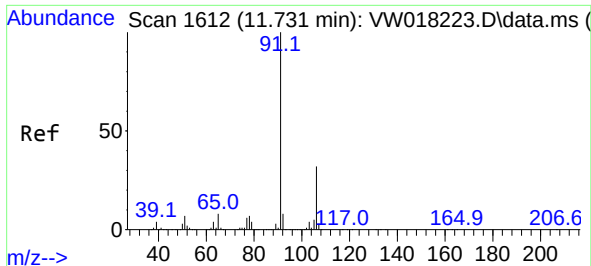
Tgt Ion:107 Resp: 9455
Ion Ratio Lower Upper
107 100
109 97.4 65.4 121.4
188 4.5 2.6 4.0#



#51
Chlorobenzene
Concen: 2.50 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW018221.D
Acq: 23 Feb 2021 11:12

Tgt Ion:112 Resp: 39261
Ion Ratio Lower Upper
112 100
114 33.6 23.4 43.6
77 55.0 47.6 71.4

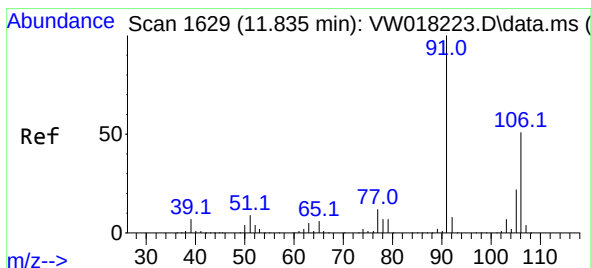
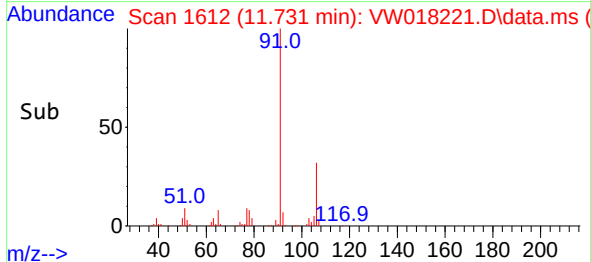
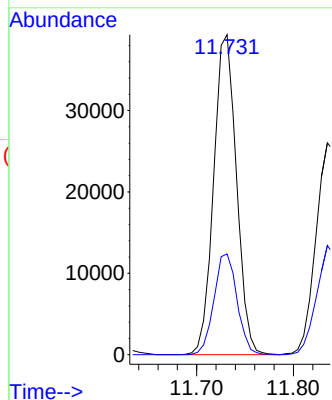
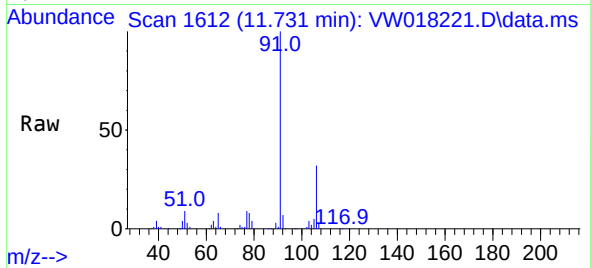




#52
Ethylbenzene
Concen: 2.43 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW018221.D
Acq: 23 Feb 2021 11:12

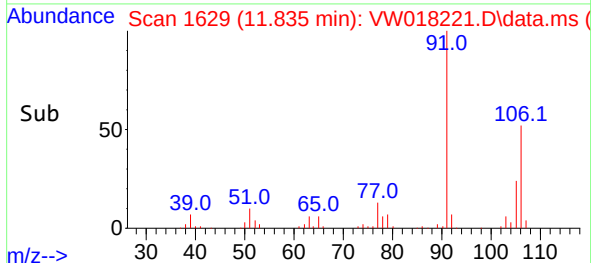
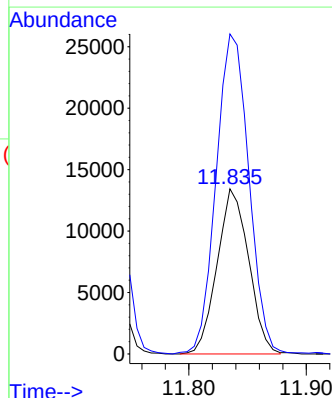
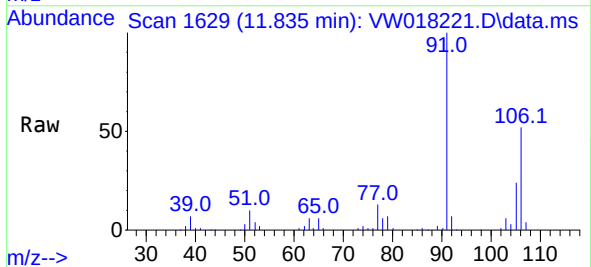
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5105

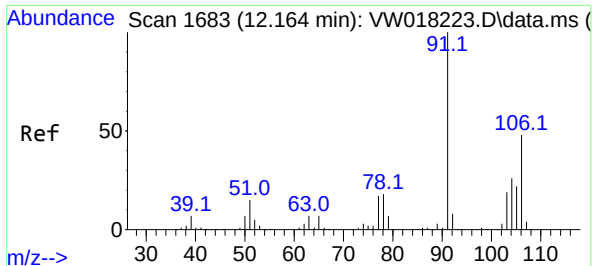
Tgt Ion: 91 Resp: 64407
Ion Ratio Lower Upper
91 100
106 31.5 22.5 41.7



#53
m,p-Xylene
Concen: 2.42 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW018221.D
Acq: 23 Feb 2021 11:12

Tgt Ion: 106 Resp: 25064
Ion Ratio Lower Upper
106 100
91 193.9 141.3 262.3

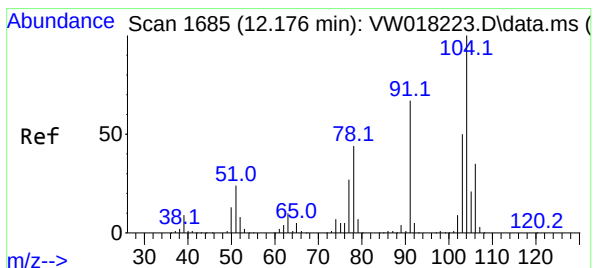
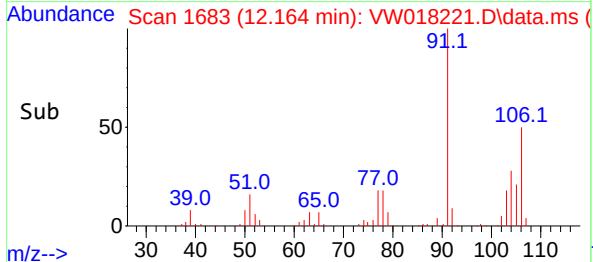
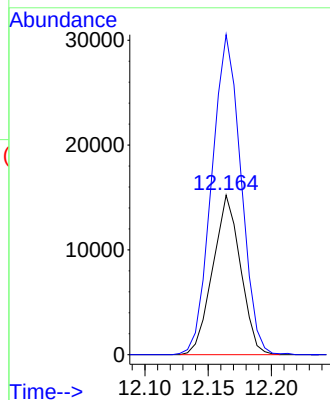
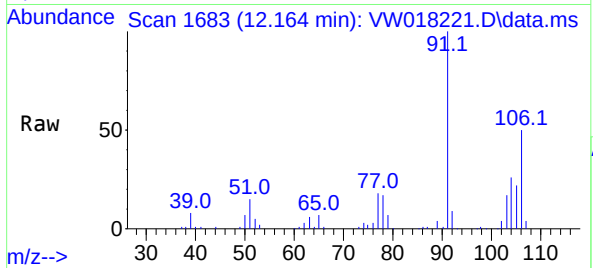




#54
o-Xylene
Concen: 2.37 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW018221.D
Acq: 23 Feb 2021 11:12

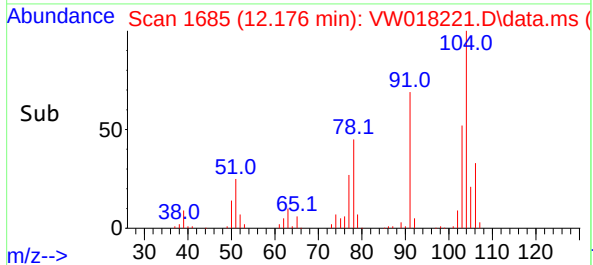
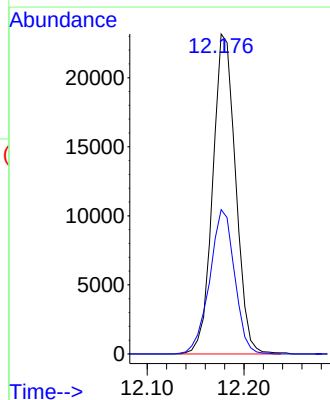
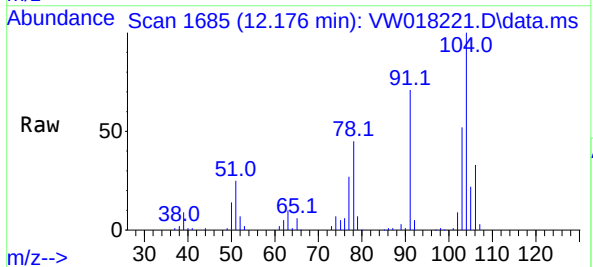
Instrument :
MSVOA_W
ClientSampled :
VSTD2.5105

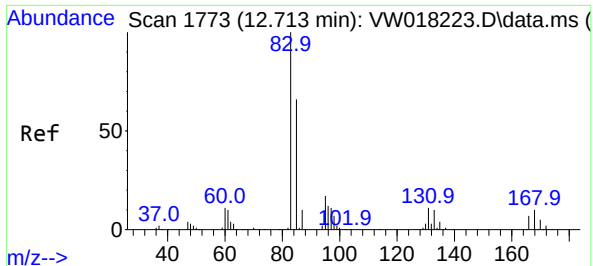
Tgt Ion:106 Resp: 23180
Ion Ratio Lower Upper
106 100
91 200.5 150.0 278.6



#55
Styrene
Concen: 2.32 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW018221.D
Acq: 23 Feb 2021 11:12

Tgt Ion:104 Resp: 38093
Ion Ratio Lower Upper
104 100
78 45.1 32.5 60.3

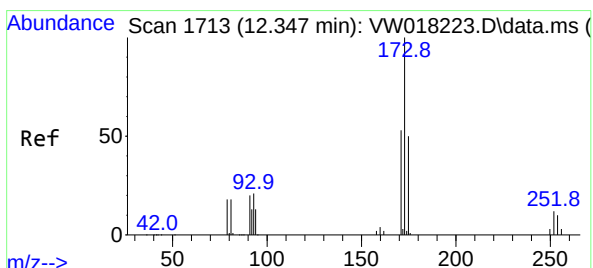
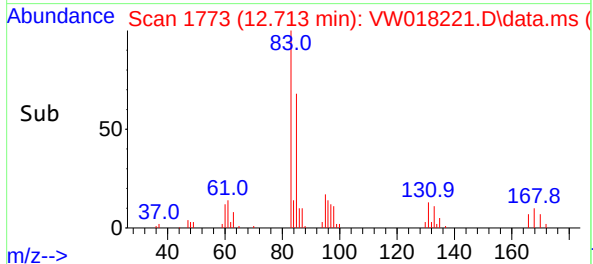
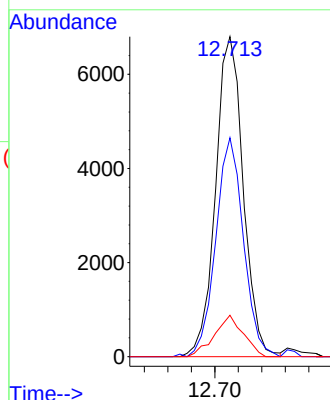
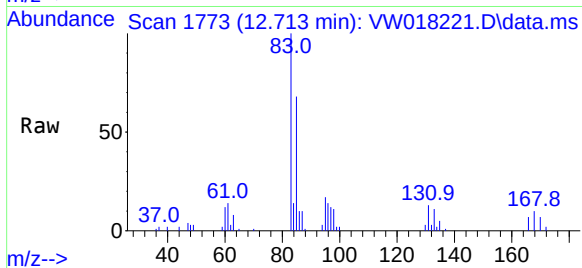




#57
1,1,2,2-Tetrachloroethane
Concen: 2.46 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW018221.D
Acq: 23 Feb 2021 11:12

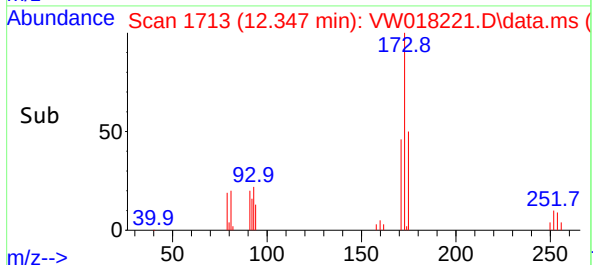
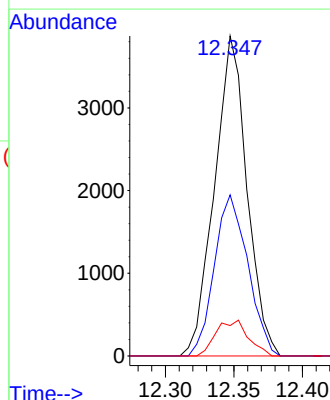
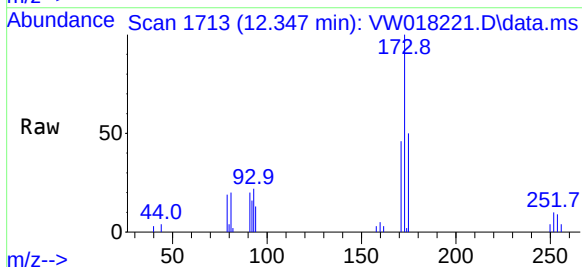
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5105

Tgt Ion:	83	Resp:	11120
Ion	Ratio	Lower	Upper
83	100		
85	68.4	44.4	82.4
131	13.0	8.2	12.4#

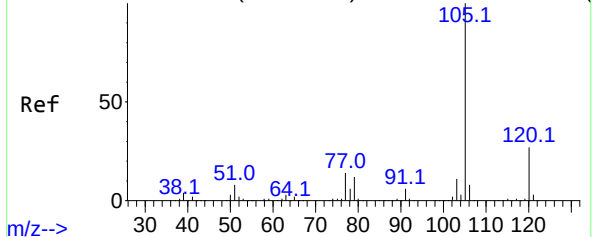


#59
Bromoform
Concen: 2.16 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW018221.D
Acq: 23 Feb 2021 11:12

Tgt Ion:	173	Resp:	6375
Ion	Ratio	Lower	Upper
173	100		
175	51.9	37.5	56.3
254	11.2	7.0	10.4#

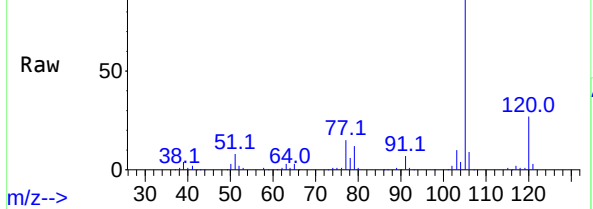


Abundance Scan 1732 (12.463 min): VW018223.D\data.ms (



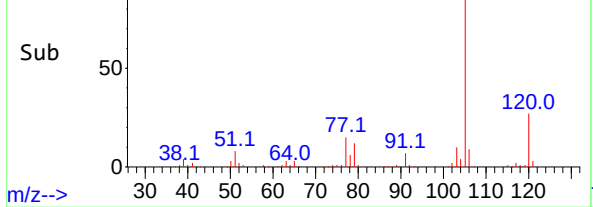
Ref 50 m/z--> 30 40 50 60 70 80 90 100 110 120

Abundance Scan 1732 (12.463 min): VW018221.D\data.ms



Raw 50 m/z--> 30 40 50 60 70 80 90 100 110 120

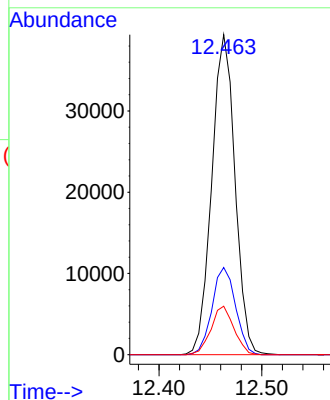
Abundance Scan 1732 (12.463 min): VW018221.D\data.ms (



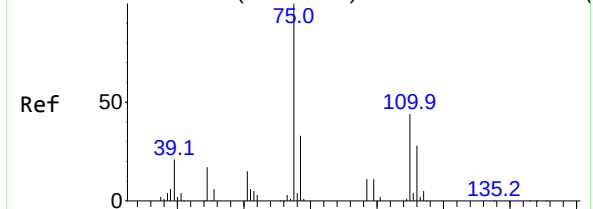
Sub 50 m/z--> 30 40 50 60 70 80 90 100 110 120

#60
Isopropylbenzene
Concen: 2.29 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW018221.D
Acq: 23 Feb 2021 11:12

Tgt Ion:	105	Resp:	61800
Ion	Ratio	Lower	Upper
105	100		
120	27.6	21.1	31.7
77	14.9	13.2	19.8

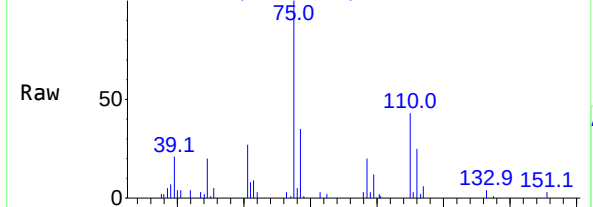


Abundance Scan 1782 (12.767 min): VW018223.D\data.ms (



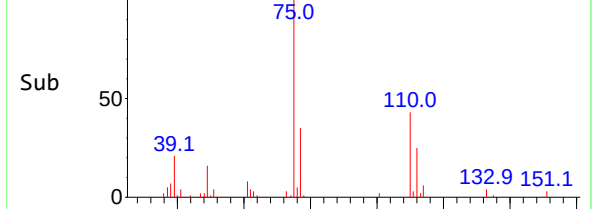
Ref 50 m/z--> 40 60 80 100 120 140

Abundance Scan 1782 (12.768 min): VW018221.D\data.ms



Raw 50 m/z--> 40 60 80 100 120 140

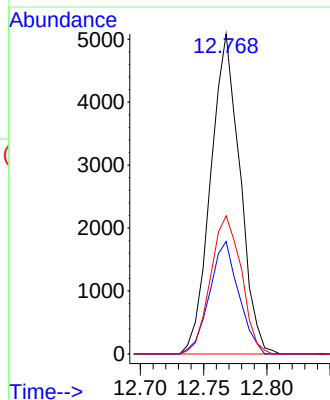
Abundance Scan 1782 (12.768 min): VW018221.D\data.ms (

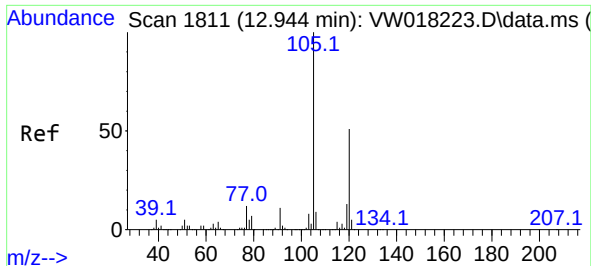


Sub 50 m/z--> 40 60 80 100 120 140

#61
1,2,3-Trichloropropane
Concen: 2.41 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW018221.D
Acq: 23 Feb 2021 11:12

Tgt Ion:	75	Resp:	8189
Ion	Ratio	Lower	Upper
75	100		
77	35.0	25.3	37.9
110	45.2	32.6	48.8

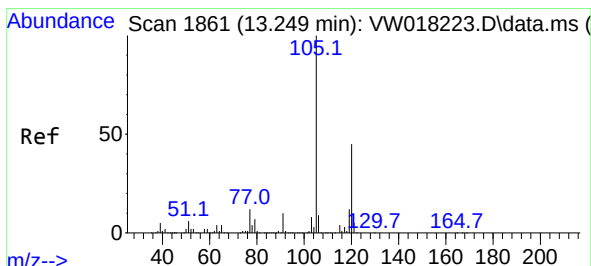
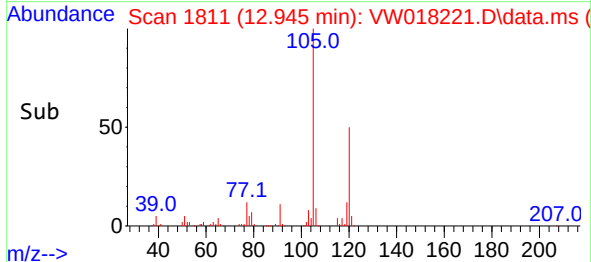
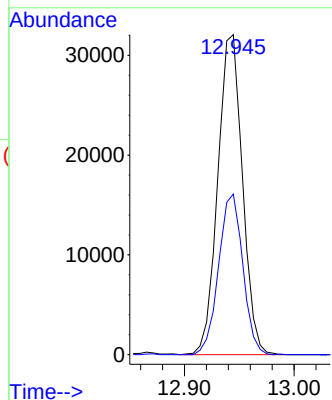
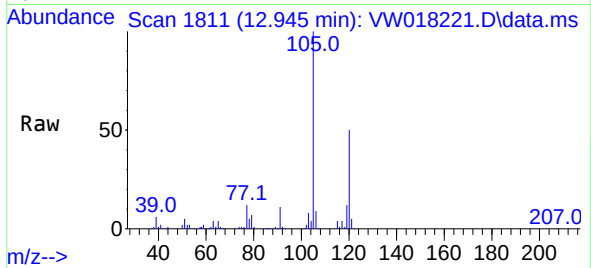




#62
1,3,5-Trimethylbenzene
Concen: 2.22 ug/L
RT: 12.945 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VW018221.D
Acq: 23 Feb 2021 11:12

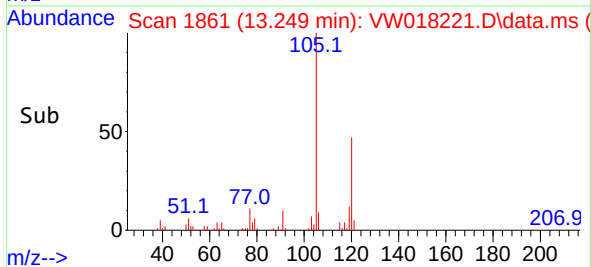
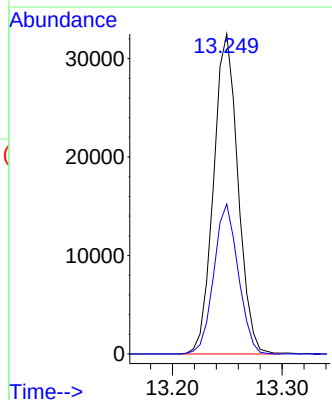
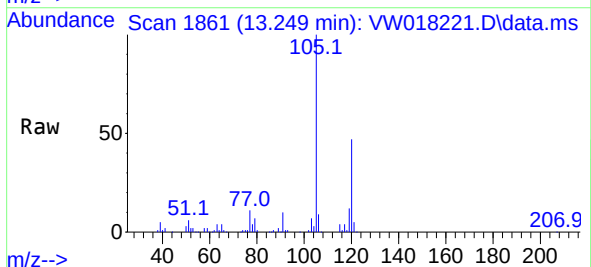
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5105

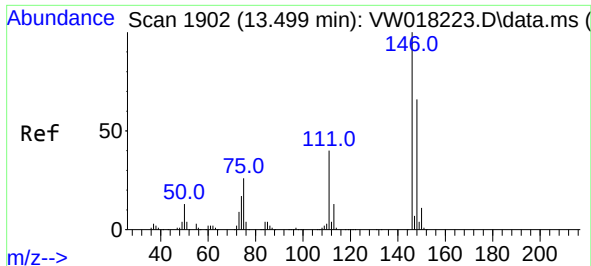
Tgt Ion:105 Resp: 50216
Ion Ratio Lower Upper
105 100
120 49.2 39.0 58.6



#63
1,2,4-Trimethylbenzene
Concen: 2.23 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW018221.D
Acq: 23 Feb 2021 11:12

Tgt Ion:105 Resp: 50423
Ion Ratio Lower Upper
105 100
120 46.7 35.6 53.4

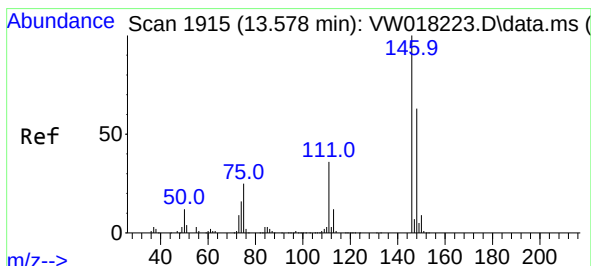
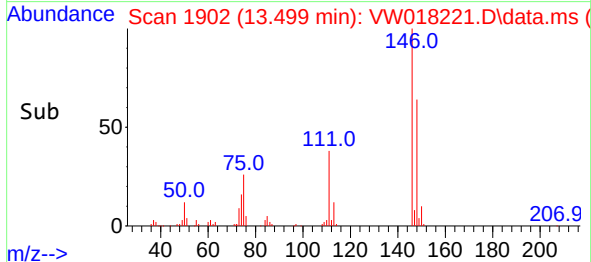
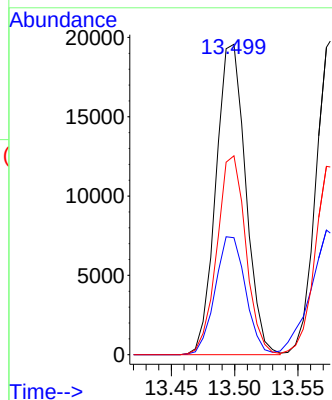
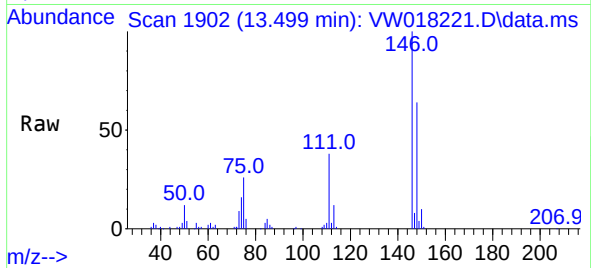




#64
1,3-Dichlorobenzene
Concen: 2.46 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW018221.D
Acq: 23 Feb 2021 11:12

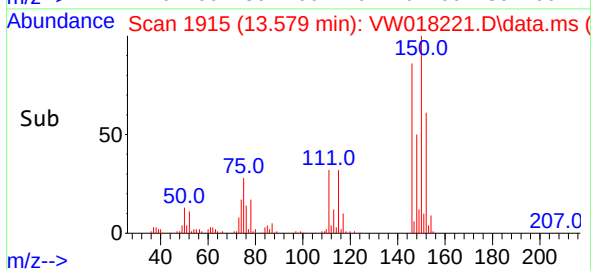
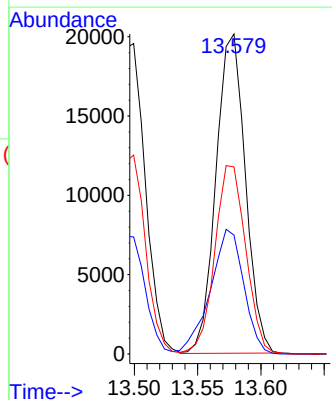
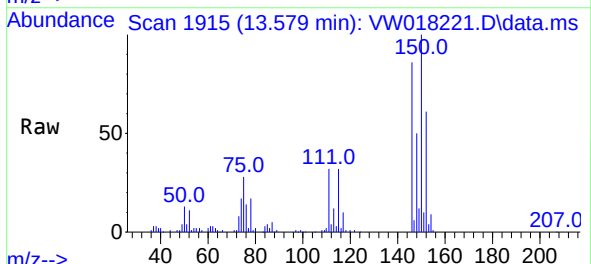
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5105

Tgt Ion:	146	Resp:	32015
Ion Ratio	Lower	Upper	
146	100		
111	37.7	26.7	49.7
148	64.1	41.1	76.3

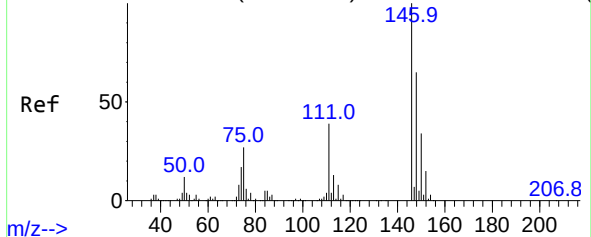


#65
1,4-Dichlorobenzene
Concen: 2.50 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.001 min
Lab File: VW018221.D
Acq: 23 Feb 2021 11:12

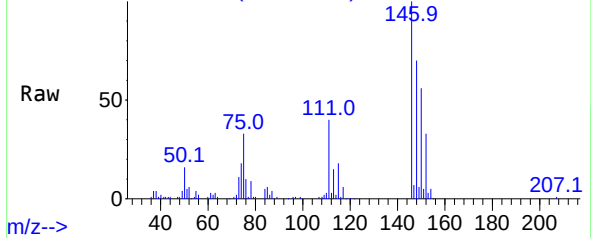
Tgt Ion:	146	Resp:	32559
Ion Ratio	Lower	Upper	
146	100		
111	37.1	28.8	53.4
148	58.5	46.8	87.0



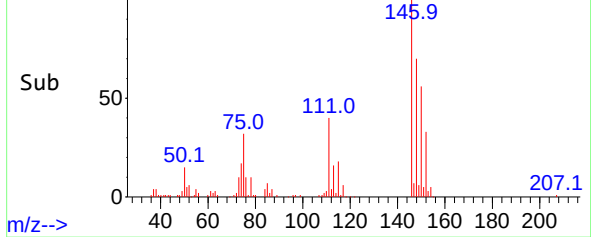
Abundance Scan 1963 (13.871 min): VW018223.D\data.ms (



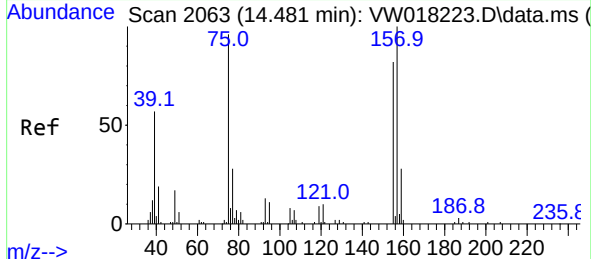
m/z--> Abundance Scan 1962 (13.865 min): VW018221.D\data.ms (



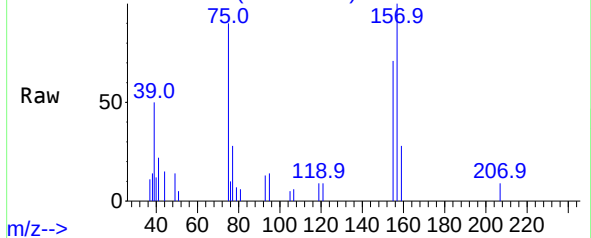
m/z--> Abundance Scan 1962 (13.865 min): VW018221.D\data.ms (



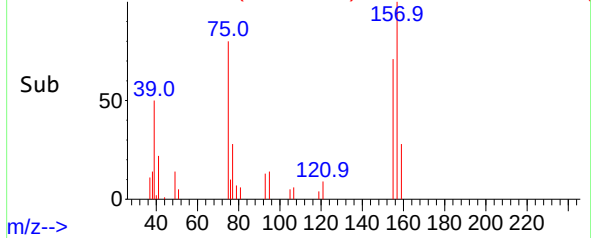
m/z--> Abundance Scan 2063 (14.481 min): VW018223.D\data.ms (



m/z--> Abundance Scan 2063 (14.481 min): VW018221.D\data.ms (



m/z--> Abundance Scan 2063 (14.481 min): VW018221.D\data.ms (



m/z--> Abundance Scan 2063 (14.481 min): VW018221.D\data.ms (

m/z--> Abundance Scan 2063 (14.481 min): VW018221.D\data.ms (

m/z--> Abundance Scan 2063 (14.481 min): VW018221.D\data.ms (

m/z--> Abundance Scan 2063 (14.481 min): VW018221.D\data.ms (

m/z--> Abundance Scan 2063 (14.481 min): VW018221.D\data.ms (

m/z--> Abundance Scan 2063 (14.481 min): VW018221.D\data.ms (

m/z--> Abundance Scan 2063 (14.481 min): VW018221.D\data.ms (

m/z--> Abundance Scan 2063 (14.481 min): VW018221.D\data.ms (

m/z--> Abundance Scan 2063 (14.481 min): VW018221.D\data.ms (

m/z--> Abundance Scan 2063 (14.481 min): VW018221.D\data.ms (

m/z--> Abundance Scan 2063 (14.481 min): VW018221.D\data.ms (

m/z--> Abundance Scan 2063 (14.481 min): VW018221.D\data.ms (

m/z--> Abundance Scan 2063 (14.481 min): VW018221.D\data.ms (

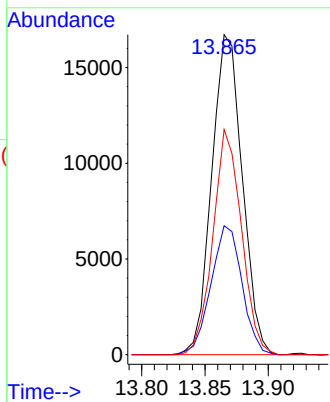
m/z--> Abundance Scan 2063 (14.481 min): VW018221.D\data.ms (

m/z--> Abundance Scan 2063 (14.481 min): VW018221.D\data.ms (

m/z--> Abundance Scan 2063 (14.481 min): VW018221.D\data.ms (

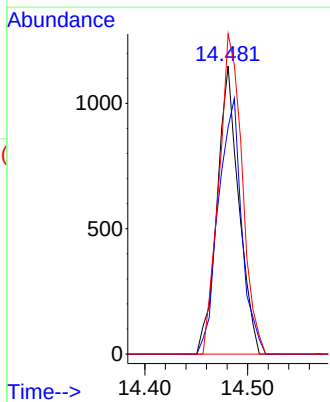
#67
1,2-Dichlorobenzene
Concen: 2.41 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.006 min
Lab File: VW018221.D
Acq: 23 Feb 2021 11:12

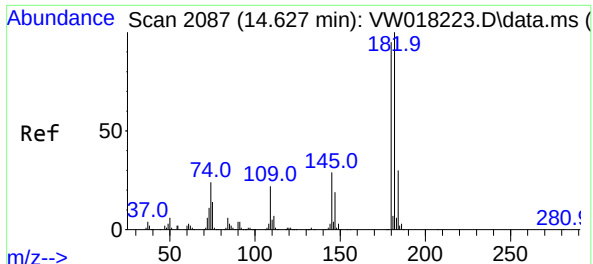
Tgt Ion:	146	Resp:	28063
Ion	Ratio	Lower	Upper
146	100		
111	40.3	33.2	49.8
148	70.4	50.4	75.6



#68
1,2-Dibromo-3-chloropropane
Concen: 2.28 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW018221.D
Acq: 23 Feb 2021 11:12

Tgt Ion:	75	Resp:	1682
Ion	Ratio	Lower	Upper
75	100		
155	78.8	59.4	89.0
157	111.1	72.2	108.2



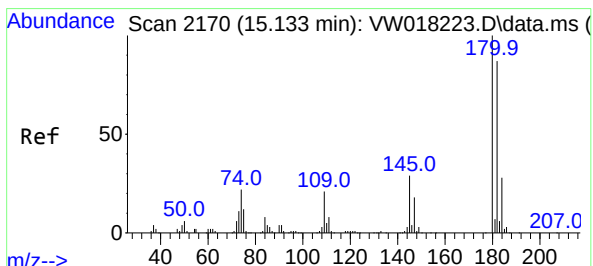
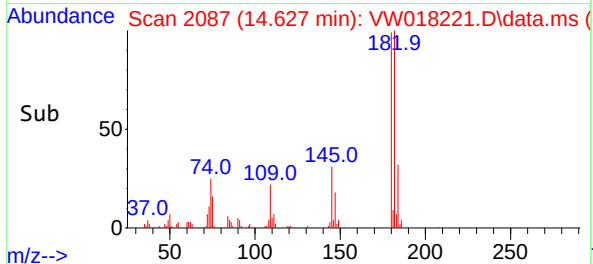
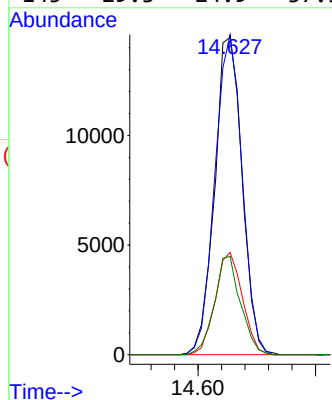
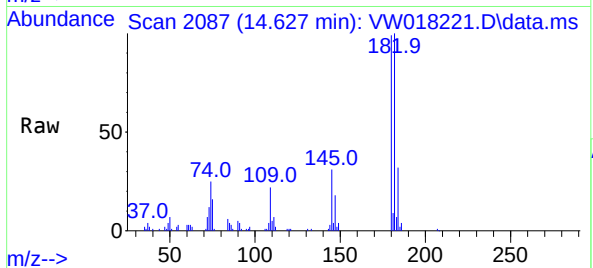


#69
1,3,5-Trichlorobenzene
Concen: 2.37 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW018221.D
Acq: 23 Feb 2021 11:12

Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5105

Tgt Ion:180 Resp: 23653

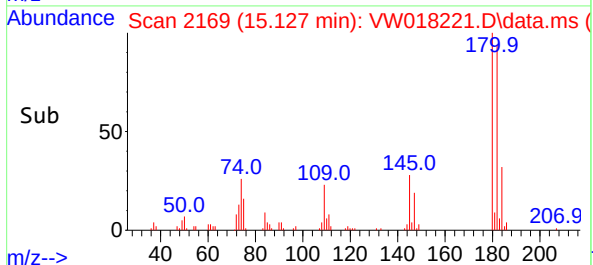
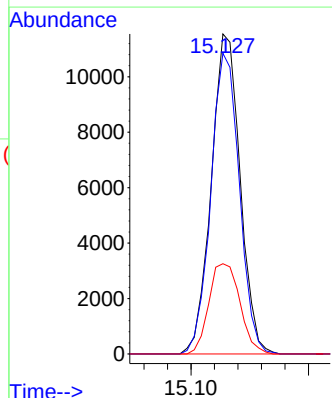
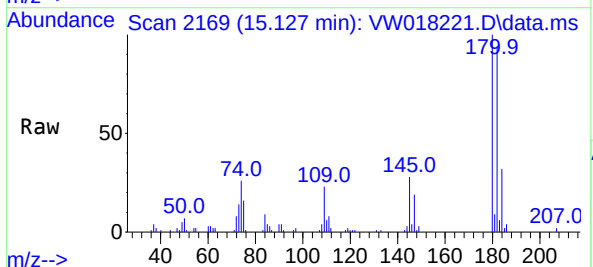
Ion	Ratio	Lower	Upper
180	100		
182	99.2	73.4	110.2
184	31.6	23.6	35.4
145	29.3	24.9	37.3

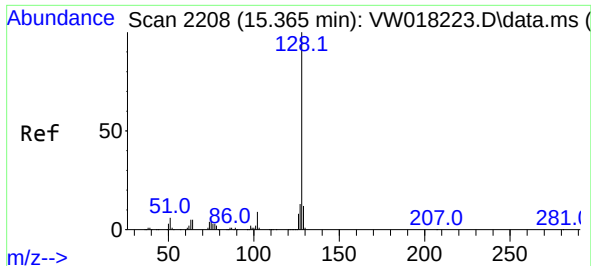


#70
1,2,4-trichlorobenzene
Concen: 2.38 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VW018221.D
Acq: 23 Feb 2021 11:12

Tgt Ion:180 Resp: 19686

Ion	Ratio	Lower	Upper
180	100		
182	93.0	74.7	112.1
145	30.4	25.0	37.4



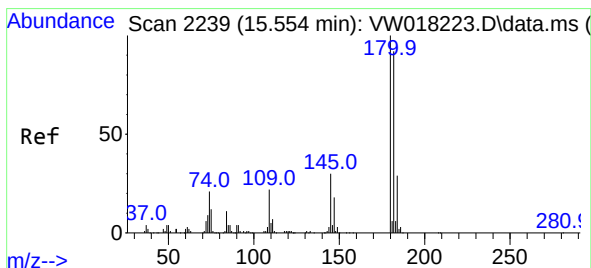
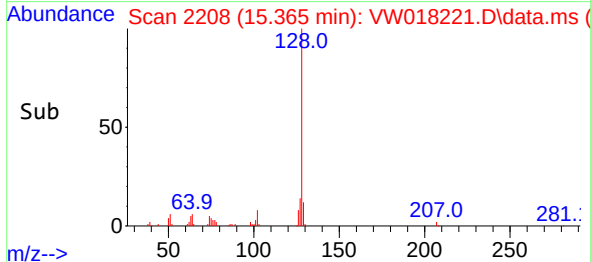
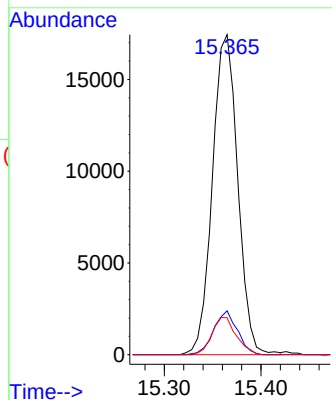
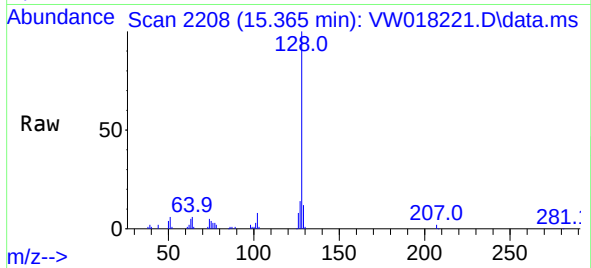


#71
Naphthalene
Concen: 2.18 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW018221.D
Acq: 23 Feb 2021 11:12

Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5105

Tgt Ion:128 Resp: 31733

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.6	15.8
129	11.3	9.0	13.6



#72
1,2,3-Trichlorobenzene
Concen: 2.41 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.006 min
Lab File: VW018221.D
Acq: 23 Feb 2021 11:12

Tgt Ion:180 Resp: 17433

Ion	Ratio	Lower	Upper
180	100		
182	93.2	76.7	115.1
145	30.9	28.9	43.3

