

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020222\
 Data File : VW022048.D
 Acq On : 02 Feb 2022 23:25
 Operator : SY/VA
 Sample : N1363-16
 Misc : 6.30g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGM02

Quant Time: Feb 03 02:21:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Feb 03 01:57:48 2022
 Response via : Initial Calibration

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

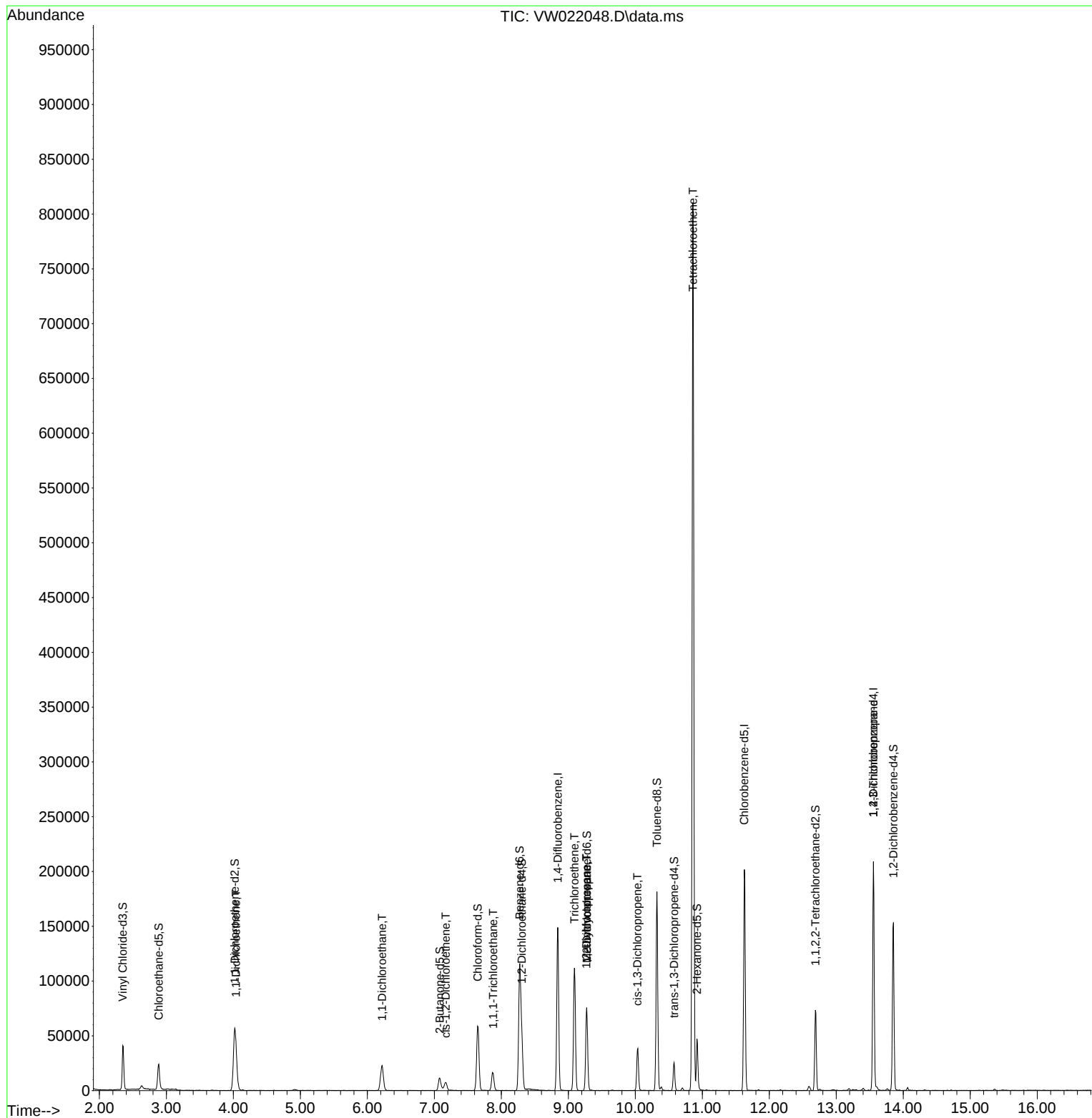
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	130391	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	118857	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	53717	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	37678	23.989	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.960%
7) Chloroethane-d5	2.885	69	24625	20.365	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.480%
11) 1,1-Dichloroethene-d2	4.019	63	48419	17.449	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.800%
21) 2-Butanone-d5	7.080	46	18740	67.270	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	134.540%
24) Chloroform-d	7.647	84	60940	20.088	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.360%
26) 1,2-Dichloroethane-d4	8.305	65	34065	22.570	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.280%
32) Benzene-d6	8.275	84	122772	20.440	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.760%
36) 1,2-Dichloropropane-d6	9.274	67	33819	20.700	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	82.800%
41) Toluene-d8	10.323	98	119320	20.044	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.160%
43) trans-1,3-Dichloroprop...	10.579	79	13934	19.474	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.880%
47) 2-Hexanone-d5	10.921	63	15633	65.816	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	131.640%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	34002	25.518	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.080%
66) 1,2-Dichlorobenzene-d4	13.853	152	40674	20.990	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.960%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.038	96	11570	7.964	ug/L #	56
19) 1,1-Dichloroethane	6.220	63	30944	12.328	ug/L	95
20) cis-1,2-Dichloroethene	7.171	96	4561	2.744	ug/L	88
30) 1,1,1-Trichloroethane	7.878	97	13167	5.006	ug/L	99
34) Trichloroethene	9.092	95	38536	21.750	ug/L	93
35) Methylcyclohexane	9.274	83	9288	3.107	ug/L #	22
37) 1,2-Dichloropropane	9.268	63	4211	3.077	ug/L #	82
39) cis-1,3-Dichloropropene	10.030	75	1121	0.511	ug/L #	70
46) Tetrachloroethene	10.860	164	177162	107.273	ug/L	96
61) 1,2,3-Trichloropropane	13.554	75	6532	8.347	ug/L #	62

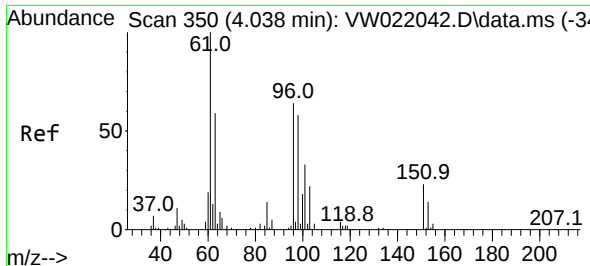
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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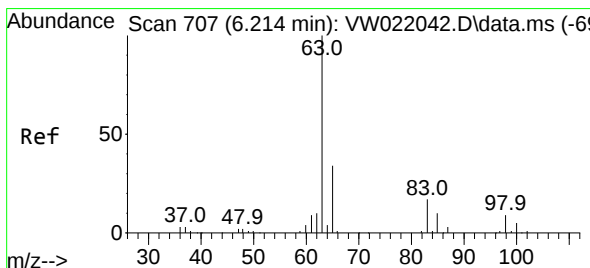
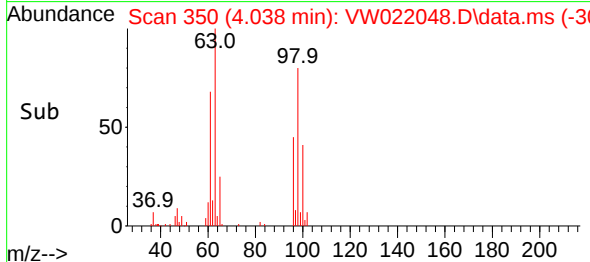
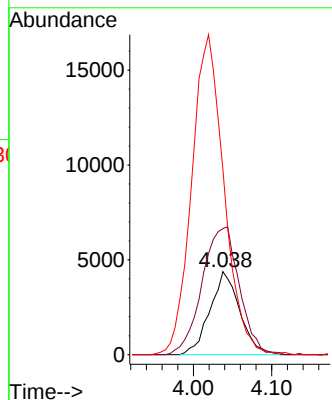
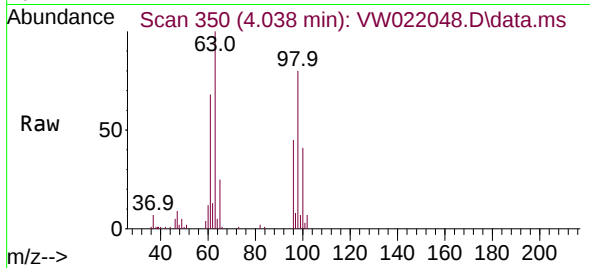




#12
1,1-Dichloroethene
Concen: 7.964 ug/L
RT: 4.038 min Scan# 311
Delta R.T. 0.000 min
Lab File: VW022048.D
Acq: 02 Feb 2022 23:25

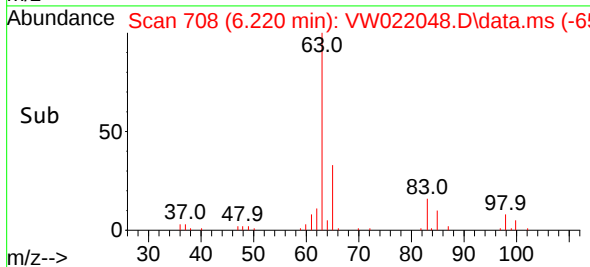
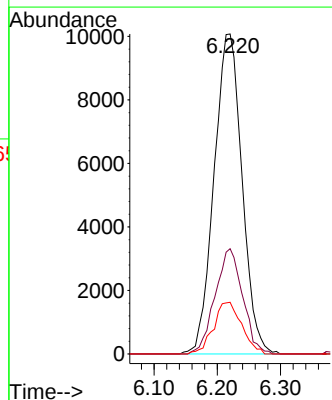
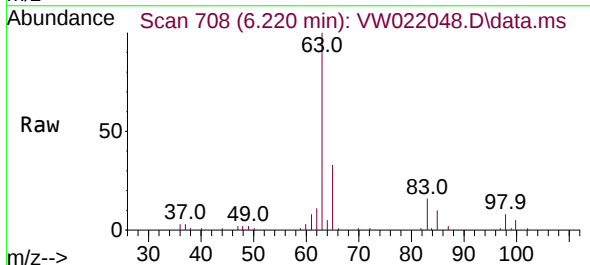
Instrument :
MSVOA_W
ClientSampleId :
BGM02

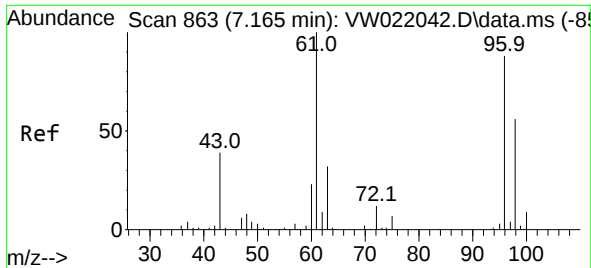
Tgt Ion: 96 Resp: 11570
Ion Ratio Lower Upper
96 100
61 151.7 111.5 207.1
63 222.8 83.1 154.3#



#19
1,1-Dichloroethane
Concen: 12.328 ug/L
RT: 6.220 min Scan# 708
Delta R.T. 0.006 min
Lab File: VW022048.D
Acq: 02 Feb 2022 23:25

Tgt Ion: 63 Resp: 30944
Ion Ratio Lower Upper
63 100
65 32.9 20.9 38.7
83 16.2 10.2 19.0

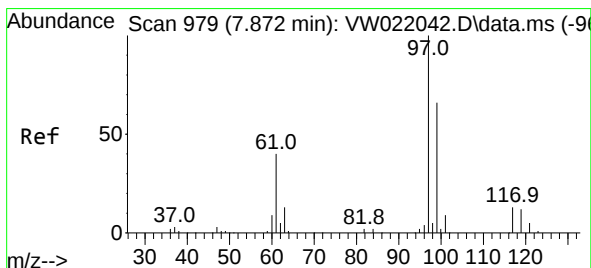
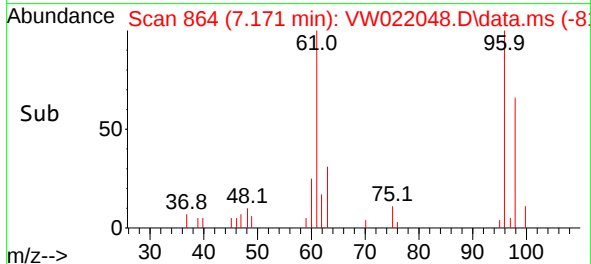
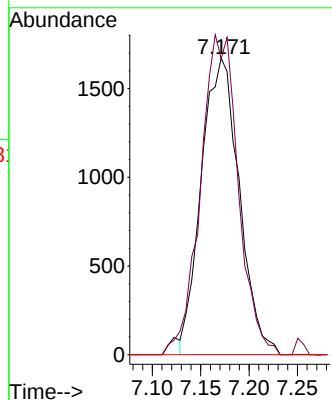
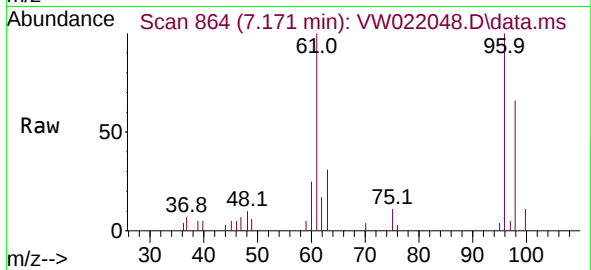




#20
 cis-1,2-Dichloroethene
 Concen: 2.744 ug/L
 RT: 7.171 min Scan# 80
 Delta R.T. 0.006 min
 Lab File: VW022048.D
 Acq: 02 Feb 2022 23:25

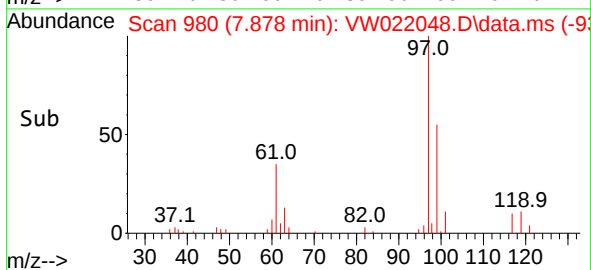
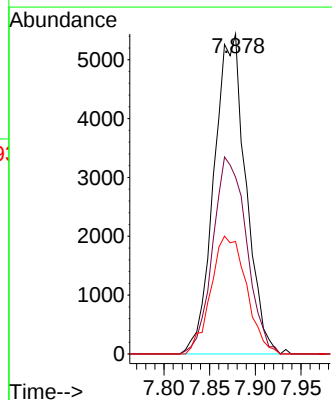
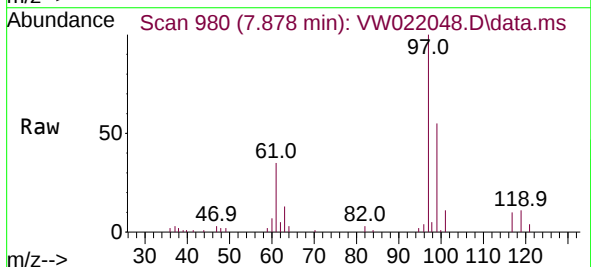
Instrument :
 MSVOA_W
 ClientSampleId :
 BGM02

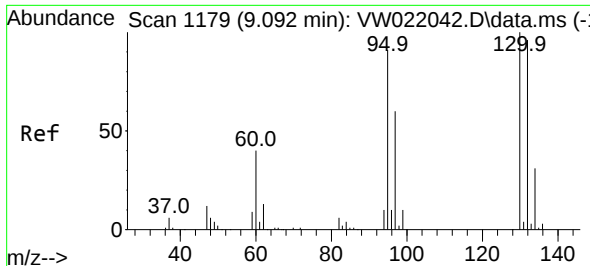
Tgt Ion: 96 Resp: 4561
 Ion Ratio Lower Upper
 96 100
 61 99.8 79.0 146.8
 68 0.0 0.0 0.0



#30
 1,1,1-Trichloroethane
 Concen: 5.006 ug/L
 RT: 7.878 min Scan# 980
 Delta R.T. 0.006 min
 Lab File: VW022048.D
 Acq: 02 Feb 2022 23:25

Tgt Ion: 97 Resp: 13167
 Ion Ratio Lower Upper
 97 100
 99 65.1 51.6 77.4
 61 41.0 32.3 48.5

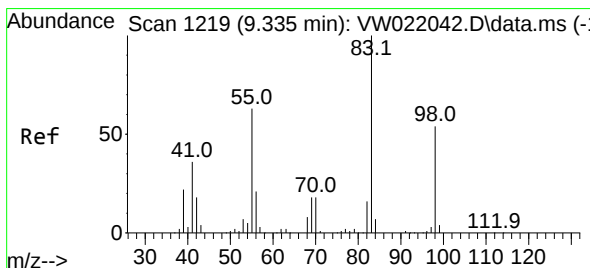
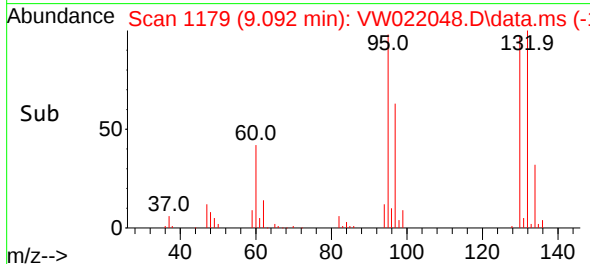
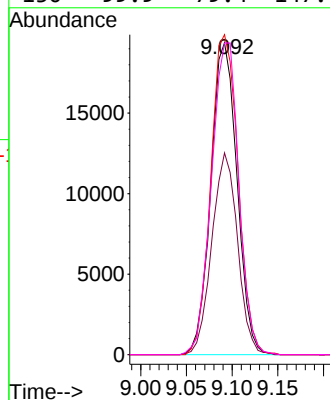
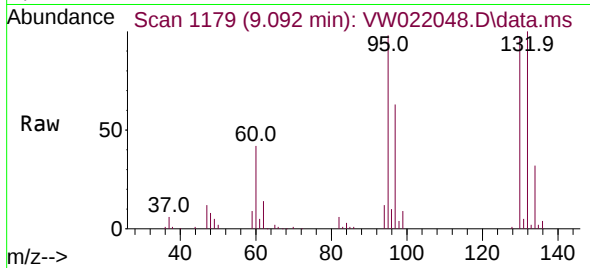




#34
Trichloroethene
Concen: 21.750 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW022048.D
Acq: 02 Feb 2022 23:25

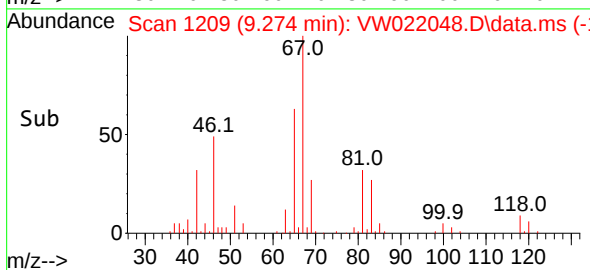
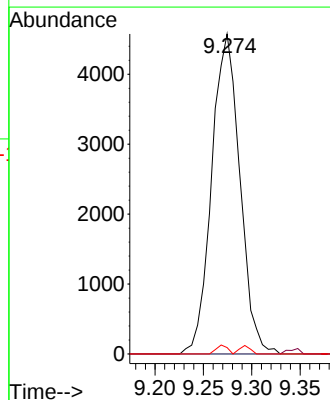
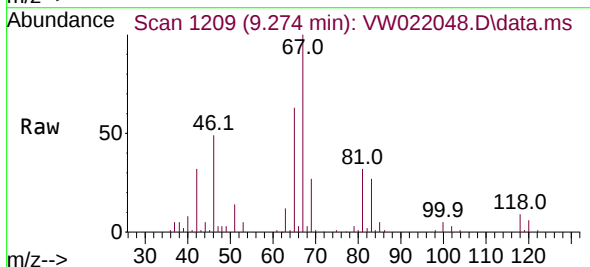
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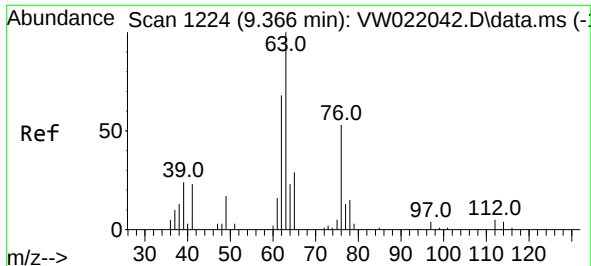
Tgt Ion: 95 Resp: 38536
Ion Ratio Lower Upper
95 100
97 64.7 45.1 83.7
132 102.6 76.1 141.3
130 99.9 79.4 147.4



#35
Methylcyclohexane
Concen: 3.107 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW022048.D
Acq: 02 Feb 2022 23:25

Tgt Ion: 83 Resp: 9288
Ion Ratio Lower Upper
83 100
55 0.7 53.4 80.2#
98 1.1 42.6 63.8#





#37

1,2-Dichloropropane

Concen: 3.077 ug/L

RT: 9.268 min Scan# 11

Delta R.T. -0.098 min

Lab File: VW022048.D

Acq: 02 Feb 2022 23:25

Instrument :

MSVOA_W

ClientSampleId :

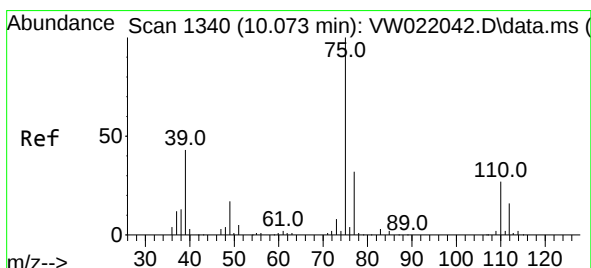
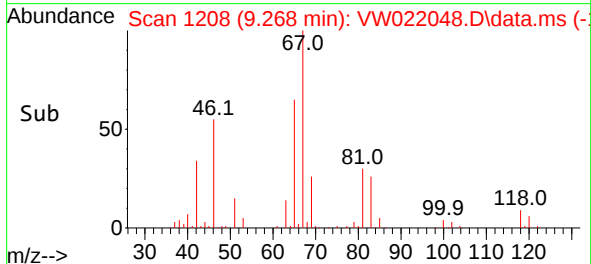
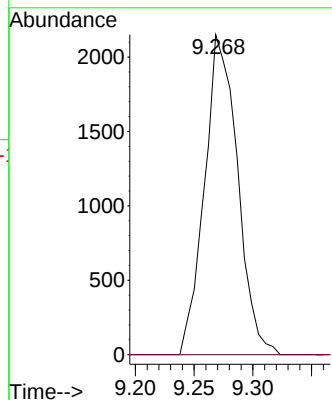
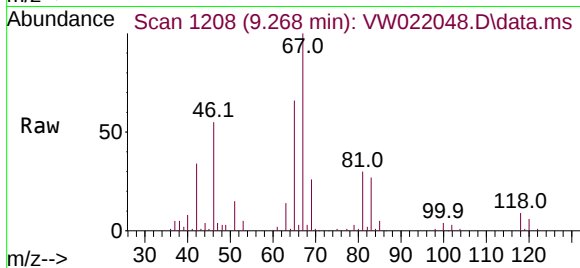
BGM02

Tgt Ion: 63 Resp: 4211

Ion Ratio Lower Upper

63 100

112 0.0 4.7 7.1#



#39

cis-1,3-Dichloropropene

Concen: 0.511 ug/L

RT: 10.030 min Scan# 1333

Delta R.T. -0.043 min

Lab File: VW022048.D

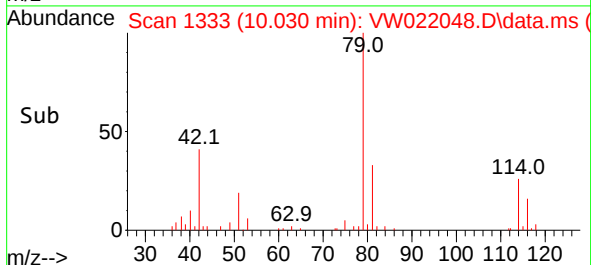
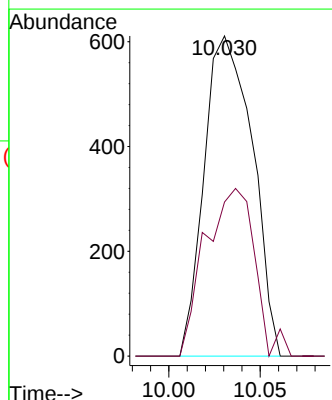
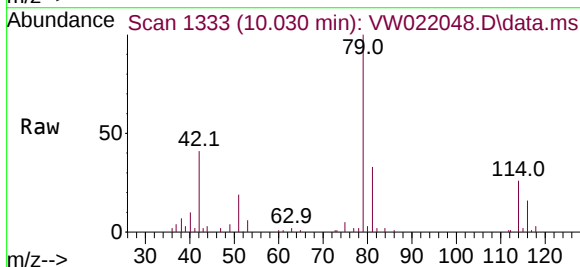
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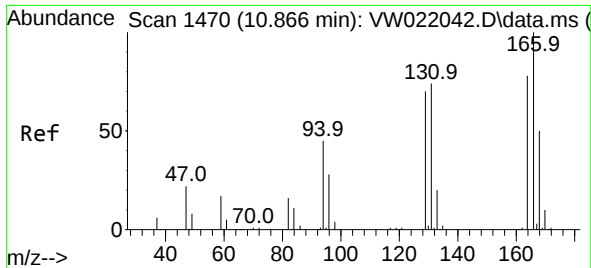
Tgt Ion: 75 Resp: 1121

Ion Ratio Lower Upper

75 100

77 48.1 21.9 40.7#

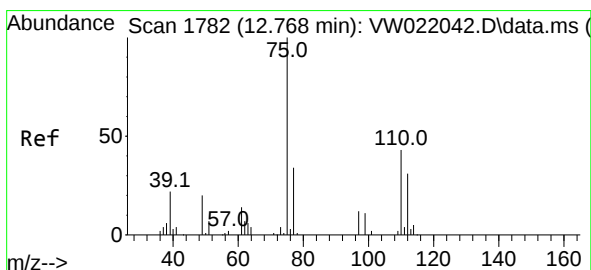
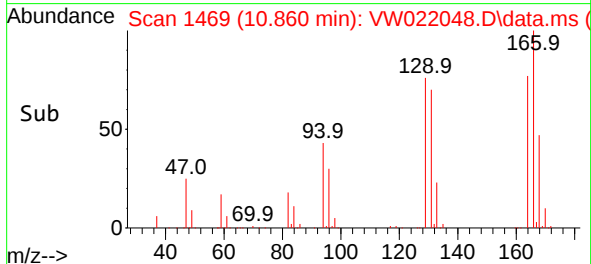
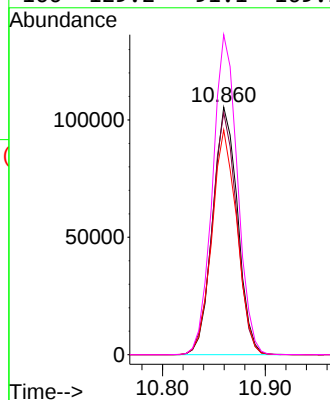
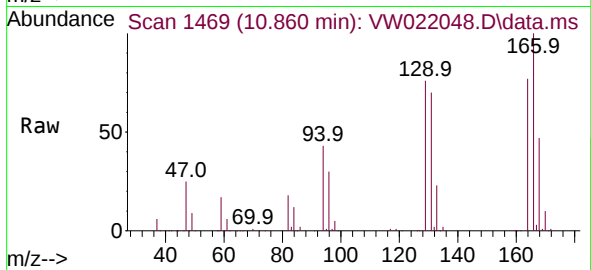




#46
Tetrachloroethene
Concen: 107.273 ug/L
RT: 10.860 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VW022048.D
Acq: 02 Feb 2022 23:25

Instrument :
MSVOA_W
ClientSampleId :
BGM02

Tgt Ion:164 Resp: 177162
Ion Ratio Lower Upper
164 100
129 97.7 62.6 116.2
131 90.8 67.1 124.7
166 129.2 91.1 169.1



#61
1,2,3-Trichloropropane
Concen: 8.347 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.786 min
Lab File: VW022048.D
Acq: 02 Feb 2022 23:25

Tgt Ion: 75 Resp: 6532
Ion Ratio Lower Upper
75 100
77 32.9 27.3 40.9
110 3.3 36.4 54.6#

