

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092922\
 Data File : VW024683.D
 Acq On : 29 Sep 2022 17:41
 Operator : SY/VA
 Sample : N4858-06
 Misc : 5.65g/10mL/MSVOA_W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGSF8

Quant Time: Sep 30 02:39:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 30 02:36:56 2022
 Response via : Initial Calibration

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

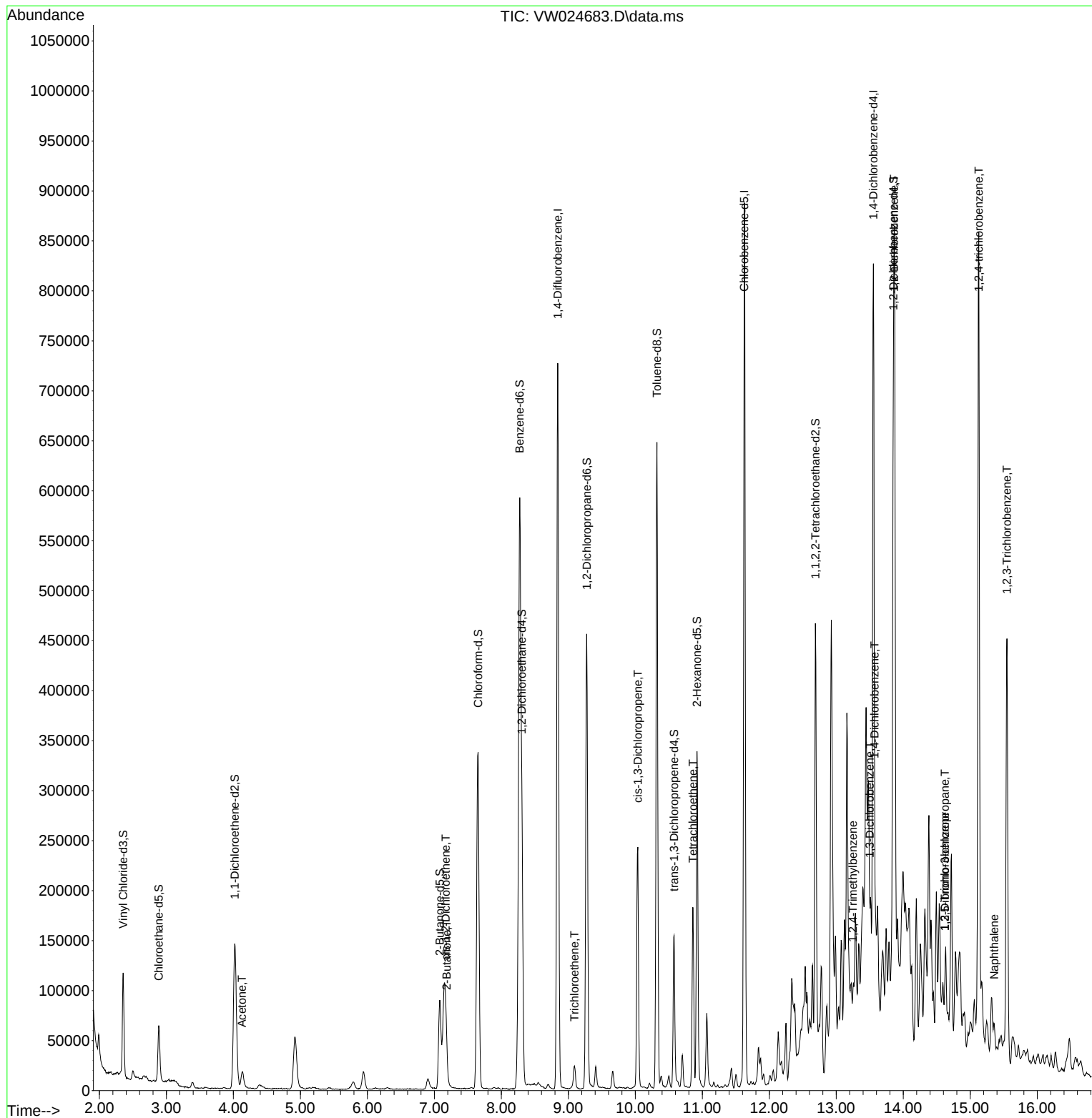
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	596815	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	472177	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	184520	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	98405	15.759	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.040%
7) Chloroethane-d5	2.885	69	62707	17.281	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.120%
11) 1,1-Dichloroethene-d2	4.019	63	139746	9.669	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	38.680%#
21) 2-Butanone-d5	7.080	46	156876	69.879	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	139.760%#
24) Chloroform-d	7.653	84	357839	22.428	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.720%
26) 1,2-Dichloroethane-d4	8.305	65	193507	23.380	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.520%
32) Benzene-d6	8.275	84	586821	19.444	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	77.760%
36) 1,2-Dichloropropane-d6	9.275	67	220906	23.957	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.840%
41) Toluene-d8	10.323	98	427840	15.861	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	63.440%
43) trans-1,3-Dichloroprop...	10.579	79	87133	21.219	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.880%
47) 2-Hexanone-d5	10.921	63	119793	75.929	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	151.860%#
56) 1,1,2,2-Tetrachloroeth...	12.689	84	209337	31.861	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	127.440%#
66) 1,2-Dichlorobenzene-d4	13.853	152	129168	19.893	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	79.560%
Target Compounds						Qvalue
13) Acetone	4.129	43	31635	19.314	ug/L	95
20) cis-1,2-Dichloroethene	7.171	96	26125	2.776	ug/L	99
22) 2-Butanone	7.183	43	18078	6.900	ug/L	98
34) Trichloroethene	9.092	95	8178	0.976	ug/L	89
39) cis-1,3-Dichloropropene	10.037	75	6804	0.527	ug/L #	70
46) Tetrachloroethene	10.860	164	38994	6.851	ug/L	91
63) 1,2,4-Trimethylbenzene	13.249	105	11284	0.441	ug/L	89
64) 1,3-Dichlorobenzene	13.499	146	8818	0.722	ug/L #	82
65) 1,4-Dichlorobenzene	13.573	146	15701	1.320	ug/L #	66
67) 1,2-Dichlorobenzene	13.865	146	20034	1.883	ug/L #	81
68) 1,2-Dibromo-3-chloropr...	14.621	75	3260	3.468	ug/L #	12
69) 1,3,5-Trichlorobenzene	14.621	180	8038	0.991	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	237078	34.787	ug/L	98
71) Naphthalene	15.359	128	23258	1.567	ug/L	95
72) 1,2,3-Trichlorobenzene	15.548	180	112064	19.321	ug/L	96

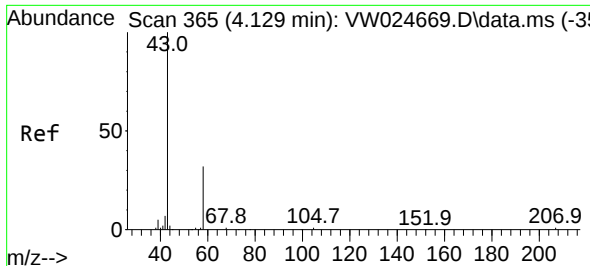
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

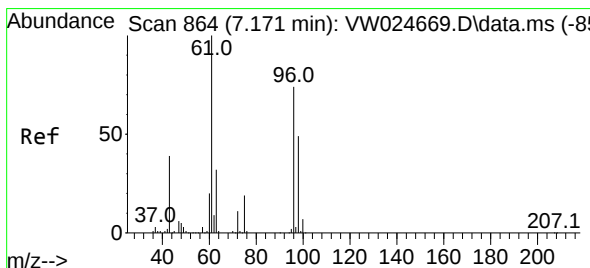
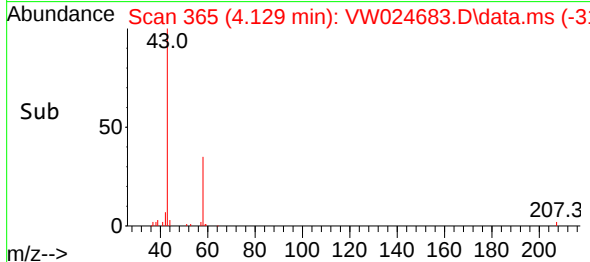
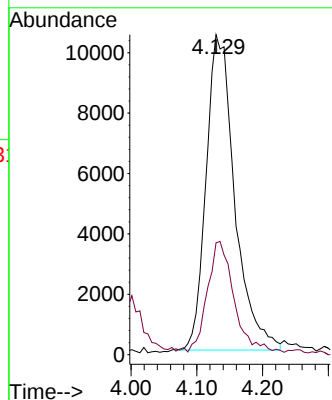
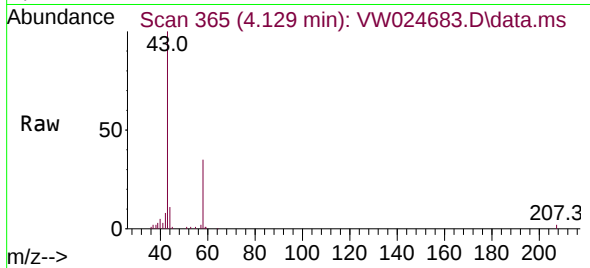




#13
Acetone
Concen: 19.314 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.000 min
Lab File: VW024683.D
Acq: 29 Sep 2022 17:41

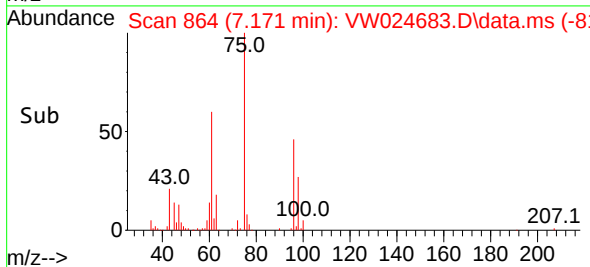
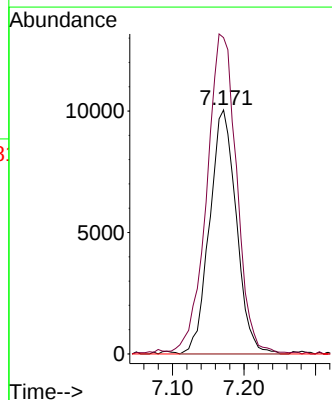
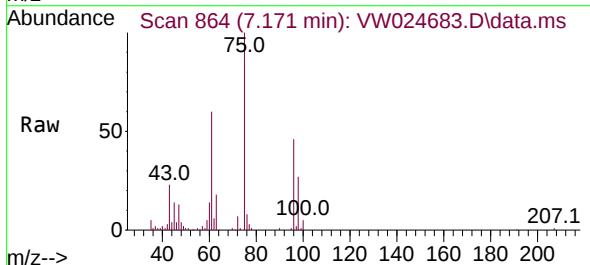
Instrument :
MSVOA_W
ClientSampleId :
BGSF8

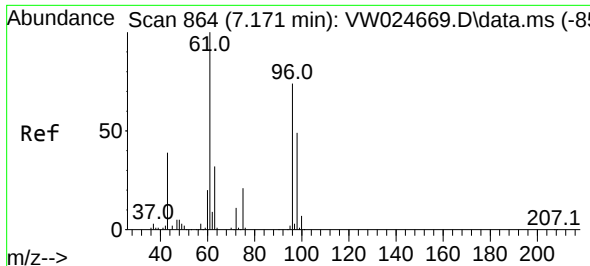
Tgt Ion: 43 Resp: 31635
Ion Ratio Lower Upper
43 100
58 31.0 0.0 67.6



#20
cis-1,2-Dichloroethene
Concen: 2.776 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW024683.D
Acq: 29 Sep 2022 17:41

Tgt Ion: 96 Resp: 26125
Ion Ratio Lower Upper
96 100
61 129.6 90.2 167.4
68 0.0 0.0 0.0

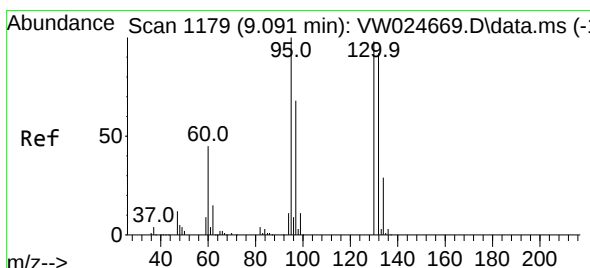
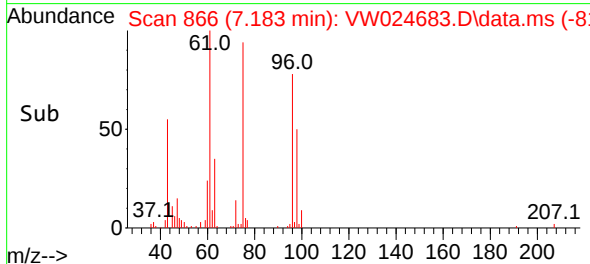
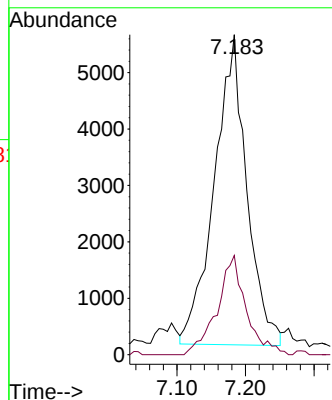
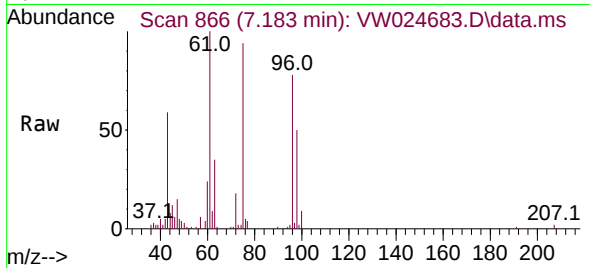




#22
2-Butanone
Concen: 6.900 ug/L
RT: 7.183 min Scan# 866
Delta R.T. 0.013 min
Lab File: VW024683.D
Acq: 29 Sep 2022 17:41

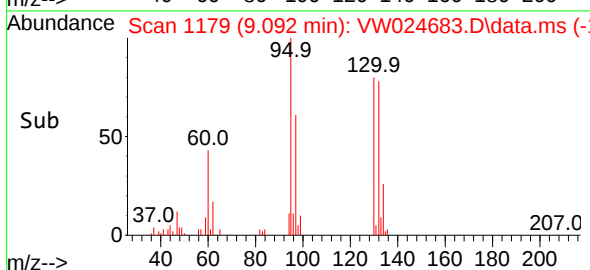
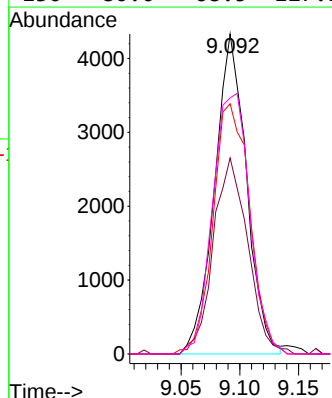
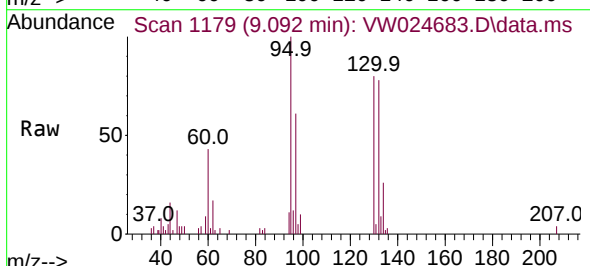
Instrument :
MSVOA_W
ClientSampleId :
BGSF8

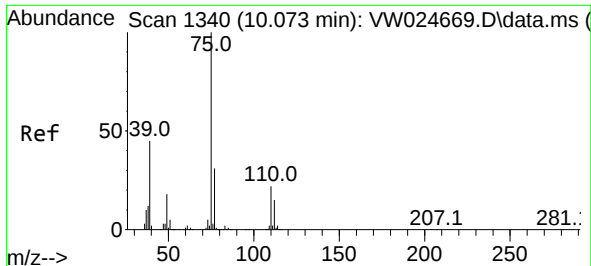
Tgt Ion: 43 Resp: 18078
Ion Ratio Lower Upper
43 100
72 28.5 13.8 41.3



#34
Trichloroethene
Concen: 0.976 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW024683.D
Acq: 29 Sep 2022 17:41

Tgt Ion: 95 Resp: 8178
Ion Ratio Lower Upper
95 100
97 61.3 43.5 80.9
132 78.2 61.2 113.8
130 80.0 68.5 127.1





#39

cis-1,3-Dichloropropene

Concen: 0.527 ug/L

RT: 10.037 min Scan# 11

Delta R.T. -0.036 min

Lab File: VW024683.D

Acq: 29 Sep 2022 17:41

Instrument :

MSVOA_W

ClientSampleId :

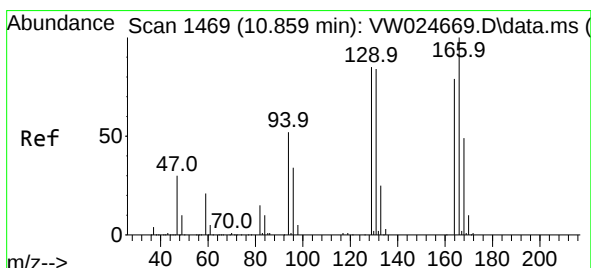
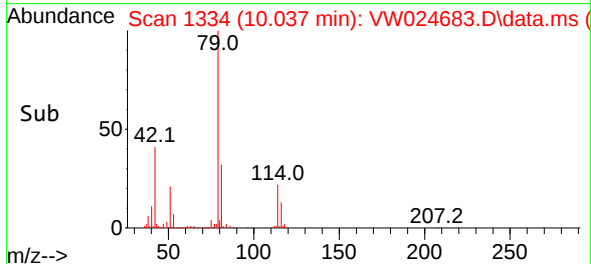
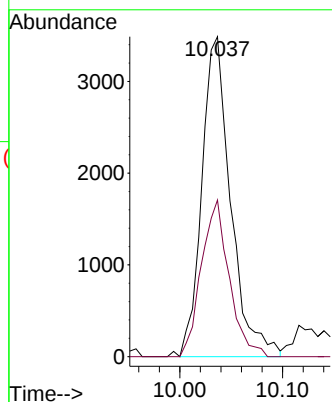
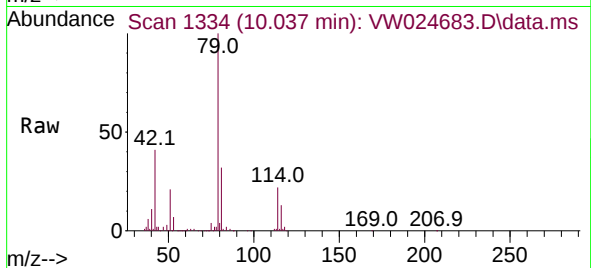
BGSF8

Tgt Ion: 75 Resp: 6804

Ion Ratio Lower Upper

75 100

77 49.0 22.4 41.6#



#46

Tetrachloroethene

Concen: 6.851 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. 0.000 min

Lab File: VW024683.D

Acq: 29 Sep 2022 17:41

Tgt Ion:164 Resp: 38994

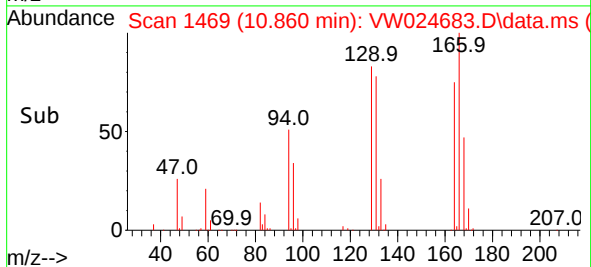
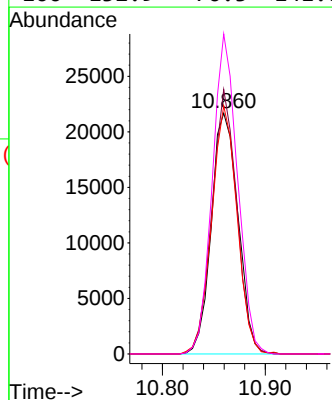
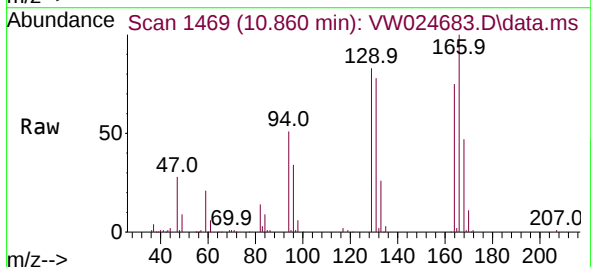
Ion Ratio Lower Upper

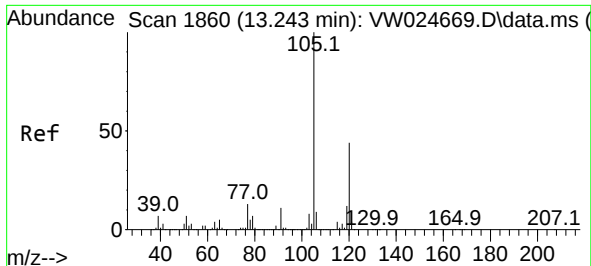
164 100

129 109.9 74.1 137.5

131 103.1 71.5 132.7

166 132.9 76.3 141.7

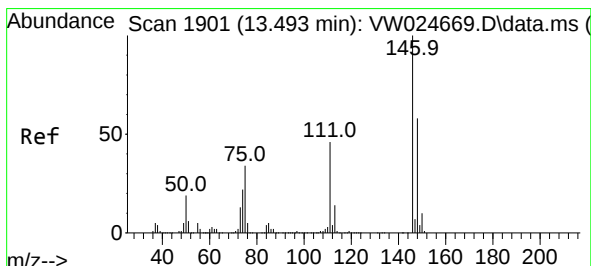
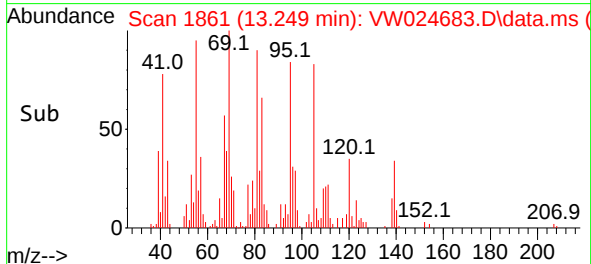
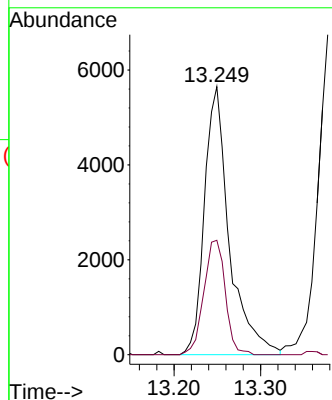
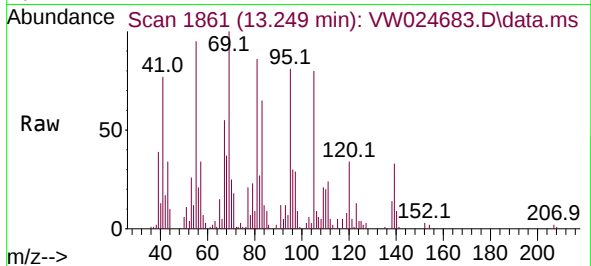




#63
1,2,4-Trimethylbenzene
Concen: 0.441 ug/L
RT: 13.249 min Scan# 1860
Delta R.T. 0.006 min
Lab File: VW024683.D
Acq: 29 Sep 2022 17:41

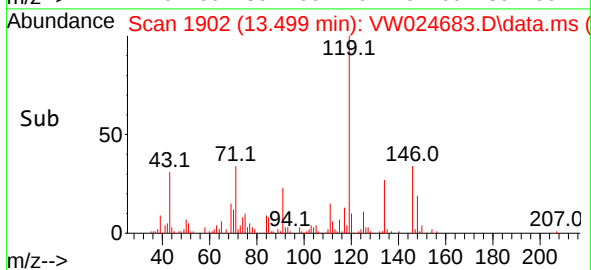
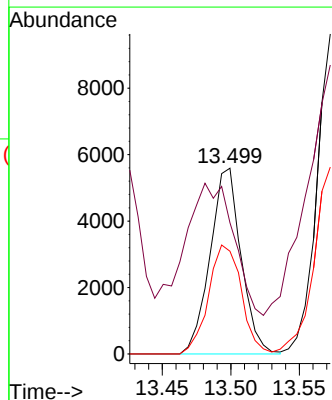
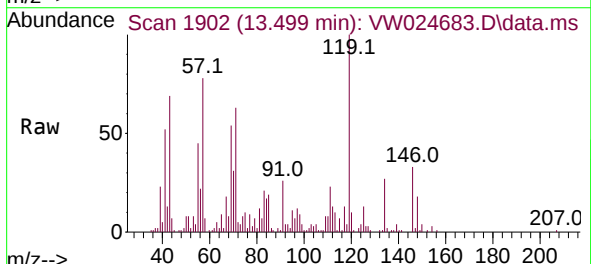
Instrument :
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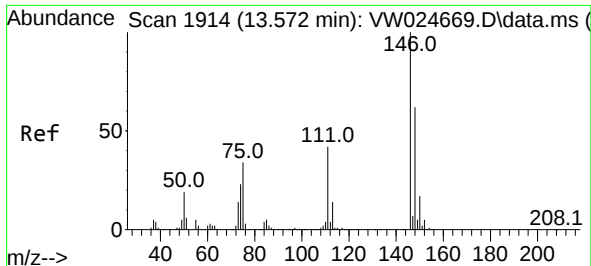
Tgt Ion:105 Resp: 11284
Ion Ratio Lower Upper
105 100
120 36.6 35.2 52.8



#64
1,3-Dichlorobenzene
Concen: 0.722 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.006 min
Lab File: VW024683.D
Acq: 29 Sep 2022 17:41

Tgt Ion:146 Resp: 8818
Ion Ratio Lower Upper
146 100
111 70.6 31.6 58.6#
148 55.3 38.1 70.9

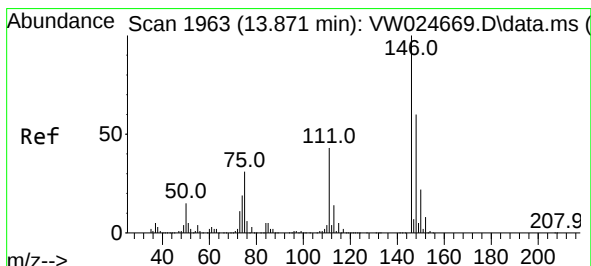
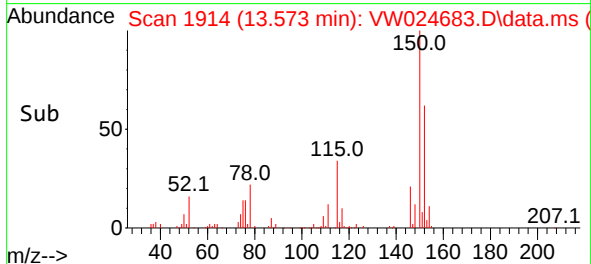
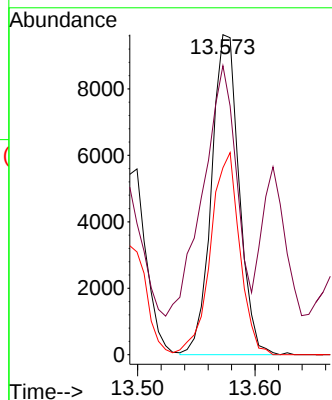
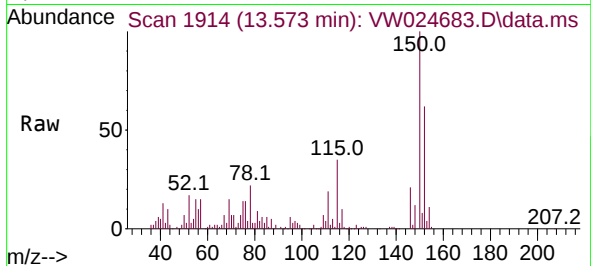




#65
1,4-Dichlorobenzene
Concen: 1.320 ug/L
RT: 13.573 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW024683.D
Acq: 29 Sep 2022 17:41

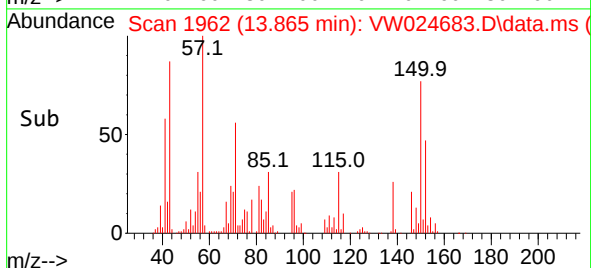
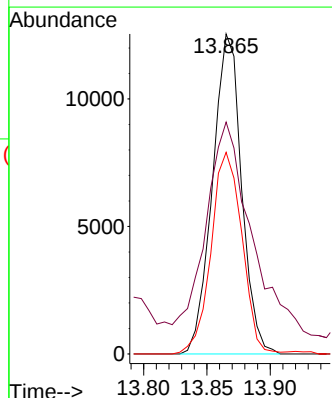
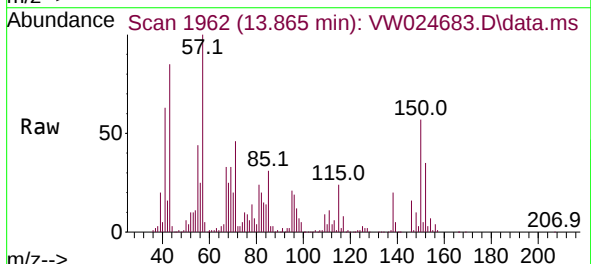
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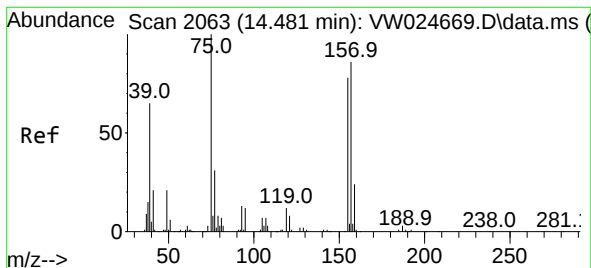
Tgt Ion:146 Resp: 15701
Ion Ratio Lower Upper
146 100
111 90.3 29.4 54.6#
148 58.4 39.6 73.6



#67
1,2-Dichlorobenzene
Concen: 1.883 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.006 min
Lab File: VW024683.D
Acq: 29 Sep 2022 17:41

Tgt Ion:146 Resp: 20034
Ion Ratio Lower Upper
146 100
111 72.5 37.2 55.8#
148 63.0 53.0 79.6

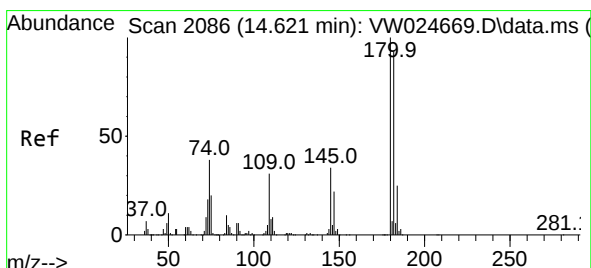
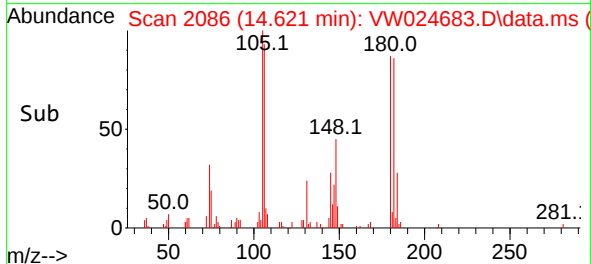
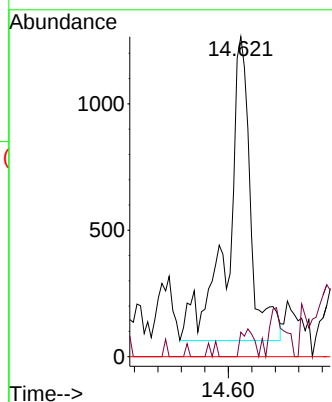
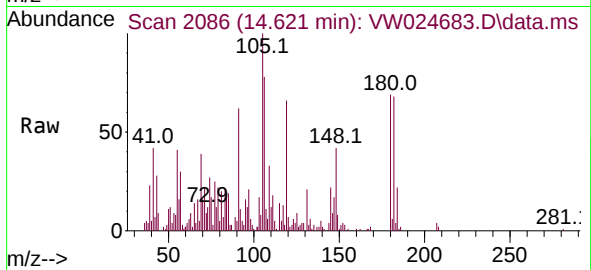




#68
 1,2-Dibromo-3-chloropropane
 Concen: 3.468 ug/L
 RT: 14.621 min Scan# 2086
 Delta R.T. 0.141 min
 Lab File: VW024683.D
 Acq: 29 Sep 2022 17:41

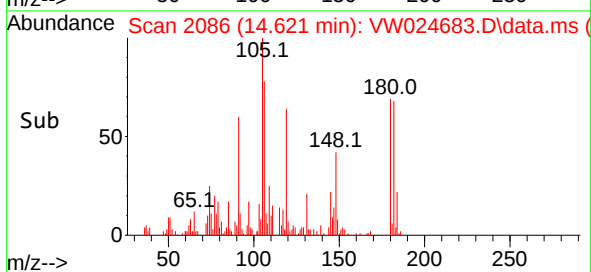
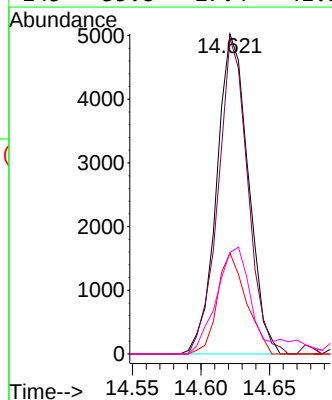
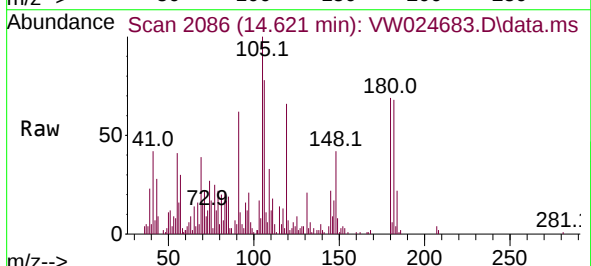
Instrument :
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 ClientSampleId :
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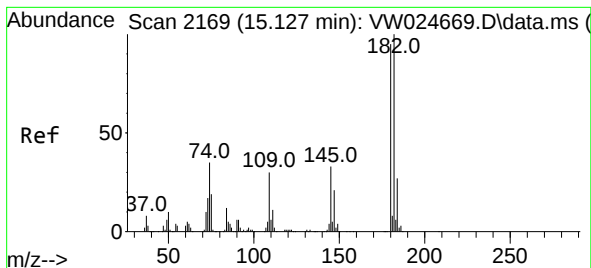
Tgt Ion: 75 Resp: 3260
 Ion Ratio Lower Upper
 75 100
 155 7.7 57.6 86.4#
 157 0.0 73.0 109.6#



#69
 1,3,5-Trichlorobenzene
 Concen: 0.991 ug/L
 RT: 14.621 min Scan# 2086
 Delta R.T. 0.000 min
 Lab File: VW024683.D
 Acq: 29 Sep 2022 17:41

Tgt Ion:180 Resp: 8038
 Ion Ratio Lower Upper
 180 100
 182 93.0 77.1 115.7
 184 29.0 23.3 34.9
 145 35.8 27.4 41.2





#70

1,2,4-trichlorobenzene

Concen: 34.787 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW024683.D

Acq: 29 Sep 2022 17:41

Instrument :

MSVOA_W

ClientSampleId :

BGSF8

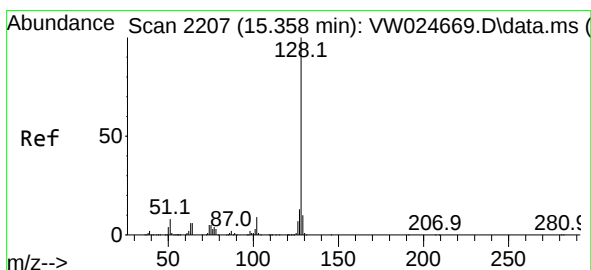
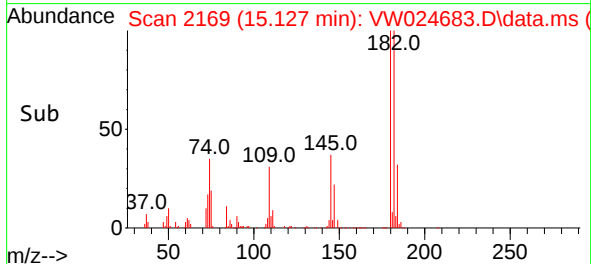
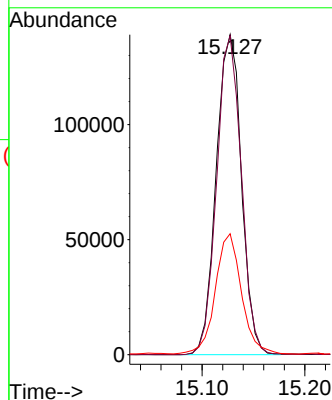
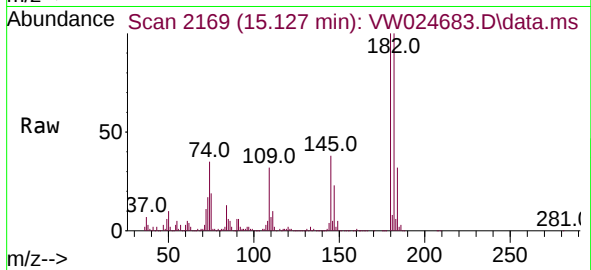
Tgt Ion:180 Resp: 237078

Ion Ratio Lower Upper

180 100

182 97.4 76.8 115.2

145 39.1 29.0 43.4



#71

Naphthalene

Concen: 1.567 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. 0.000 min

Lab File: VW024683.D

Acq: 29 Sep 2022 17:41

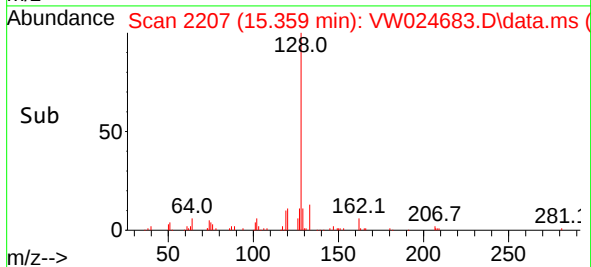
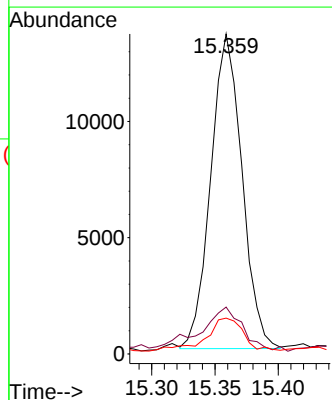
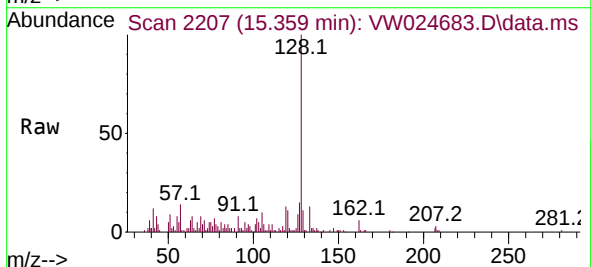
Tgt Ion:128 Resp: 23258

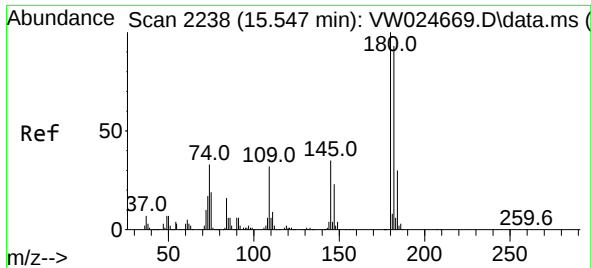
Ion Ratio Lower Upper

128 100

127 15.1 10.6 16.0

129 9.4 9.0 13.4





#72
 1,2,3-Trichlorobenzene
 Concen: 19.321 ug/L
 RT: 15.548 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW024683.D
 Acq: 29 Sep 2022 17:41

Instrument :
 MSVOA_W
 ClientSampleId :
 BGSF8

Tgt Ion:180 Resp: 112064
 Ion Ratio Lower Upper
 180 100
 182 92.5 77.4 116.2
 145 40.5 30.6 45.8

