

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010722\
 Data File : VW021795.D
 Acq On : 07 Jan 2022 23:53
 Operator : SY/VA
 Sample : N1053-25
 Misc : 6.42g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGLL2

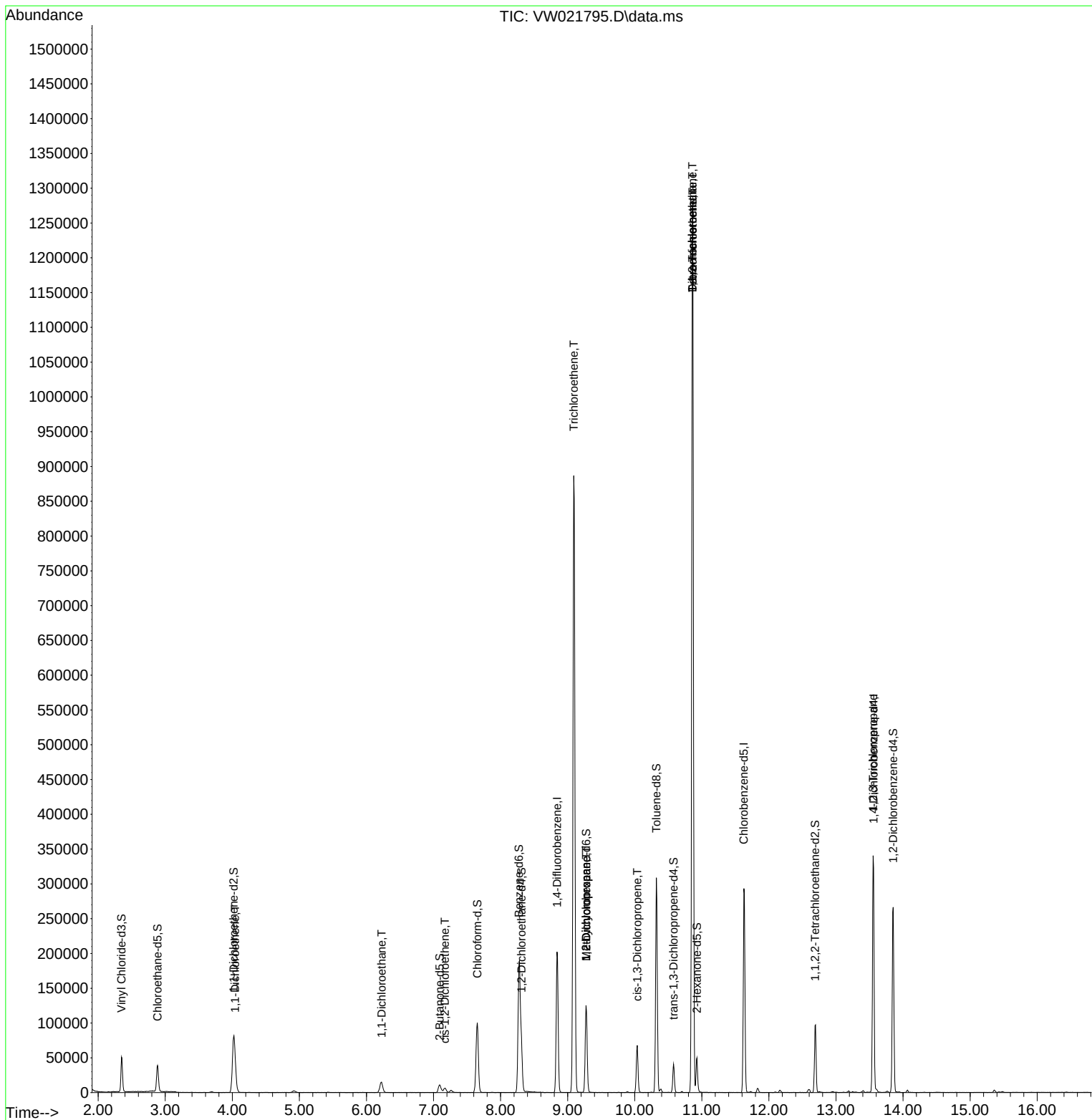
Quant Time: Jan 08 01:05:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jan 07 22:46:04 2022
 Response via : Initial Calibration

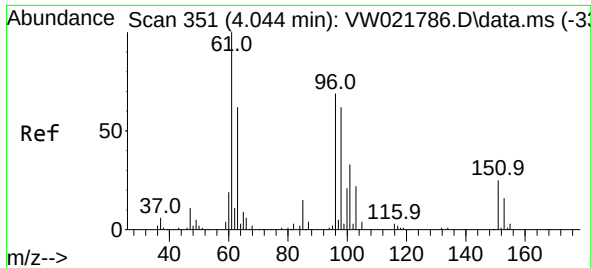
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	184831	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	180046	25.000	ug/L	# 0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	98710	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	46926	12.877	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	51.520%
7) Chloroethane-d5	2.885	69	39757	16.198	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.800%
11) 1,1-Dichloroethene-d2	4.019	63	69796	13.088	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	52.360%
21) 2-Butanone-d5	7.092	46	18745	35.158	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.320%
24) Chloroform-d	7.653	84	102610	17.772	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	71.080%
26) 1,2-Dichloroethane-d4	8.311	65	52458	17.207	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	68.840%#
32) Benzene-d6	8.274	84	206851	19.349	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	77.400%
36) 1,2-Dichloropropane-d6	9.274	67	55915	19.280	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	77.120%
41) Toluene-d8	10.323	98	208910	19.613	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.440%
43) trans-1,3-Dichloroprop...	10.579	79	21630	15.327	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	61.320%
47) 2-Hexanone-d5	10.926	63	17763	40.386	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.780%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	44823	18.747	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	75.000%
66) 1,2-Dichlorobenzene-d4	13.853	152	74577	19.757	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	79.040%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	4.044	96	14508	5.302	ug/L #	52
19) 1,1-Dichloroethane	6.226	63	20190	4.477	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	3562	1.187	ug/L	76
34) Trichloroethene	9.091	95	297073	95.260	ug/L	90
35) Methylcyclohexane	9.274	83	15160	2.946	ug/L #	15
37) 1,2-Dichloropropane	9.274	63	6643	2.729	ug/L #	88
39) cis-1,3-Dichloropropene	10.036	75	2029	0.510	ug/L	86
45) 1,1,2-Trichloroethane	10.859	97	2478	1.225	ug/L #	17
46) Tetrachloroethene	10.865	164	311017	106.498	ug/L	93
49) Dibromochloromethane	10.859	129	267353	98.401	ug/L #	10
61) 1,2,3-Trichloropropane	13.554	75	10077	6.671	ug/L #	66

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

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Quant Title : SFAM01.0
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Response via : Initial Calibration

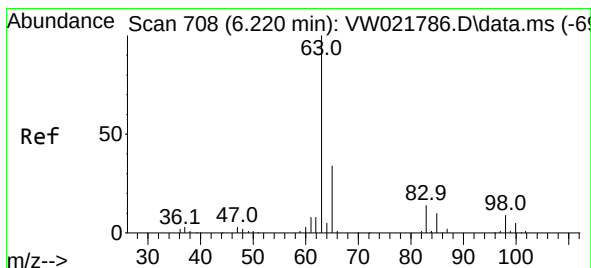
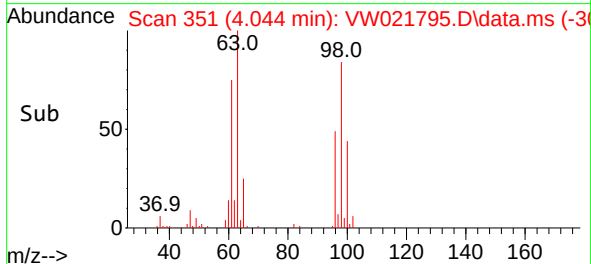
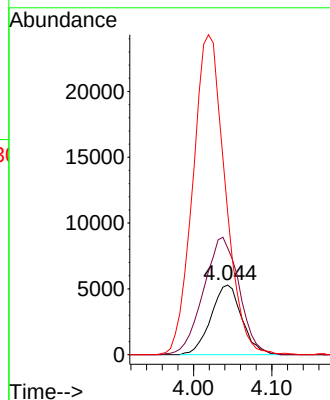
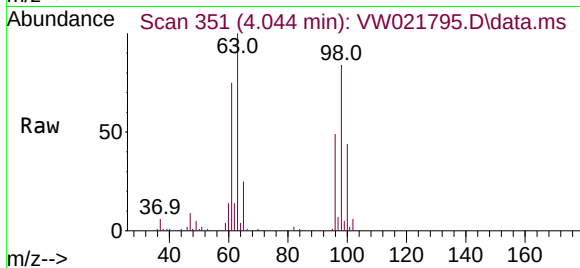




#12
 1,1-Dichloroethene
 Concen: 5.302 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. -0.000 min
 Lab File: VW021795.D
 Acq: 07 Jan 2022 23:53

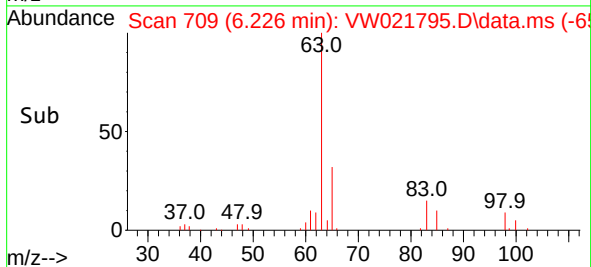
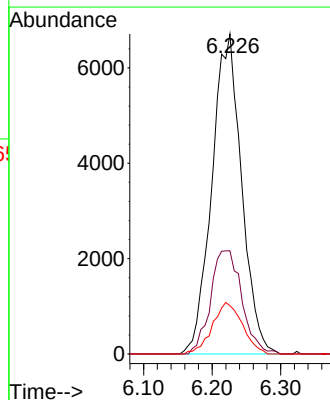
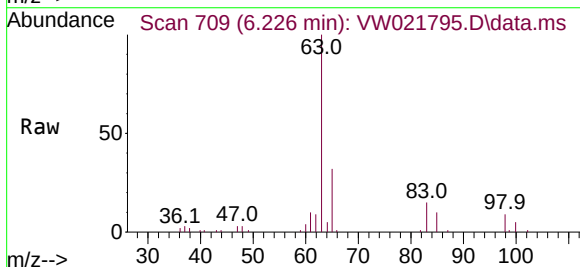
Instrument :
 MSVOA_W
 ClientSampleId :
 BGLL2

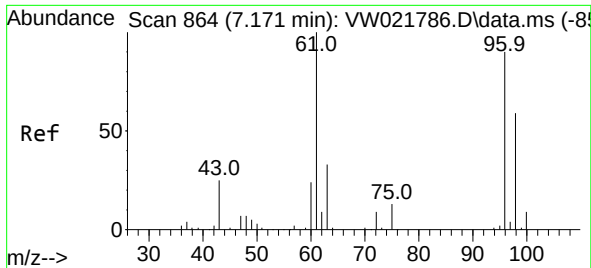
Tgt Ion: 96 Resp: 14508
 Ion Ratio Lower Upper
 96 100
 61 152.8 138.3 256.9
 63 203.6 82.6 153.4#



#19
 1,1-Dichloroethane
 Concen: 4.477 ug/L
 RT: 6.226 min Scan# 709
 Delta R.T. 0.006 min
 Lab File: VW021795.D
 Acq: 07 Jan 2022 23:53

Tgt Ion: 63 Resp: 20190
 Ion Ratio Lower Upper
 63 100
 65 32.3 22.1 41.1
 83 15.1 9.2 17.2

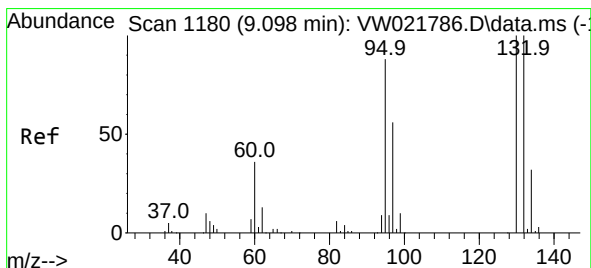
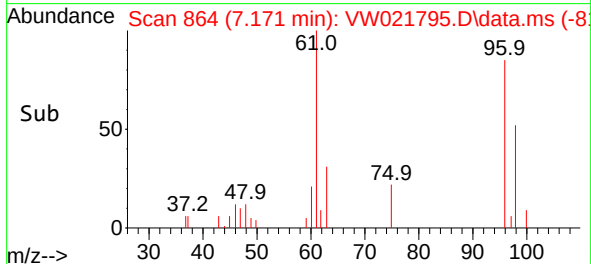
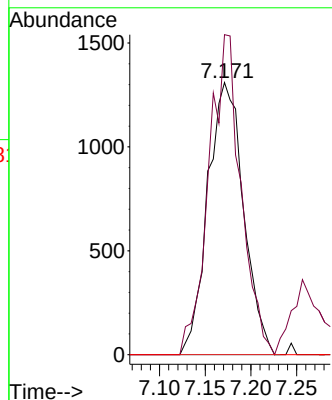
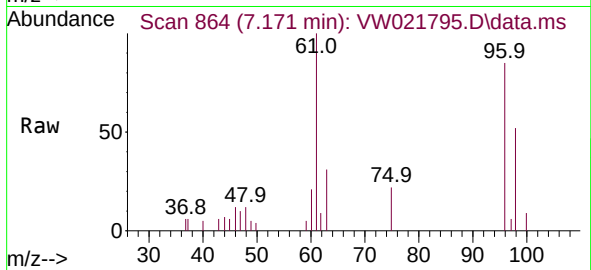




#20
cis-1,2-Dichloroethene
Concen: 1.187 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW021795.D
Acq: 07 Jan 2022 23:53

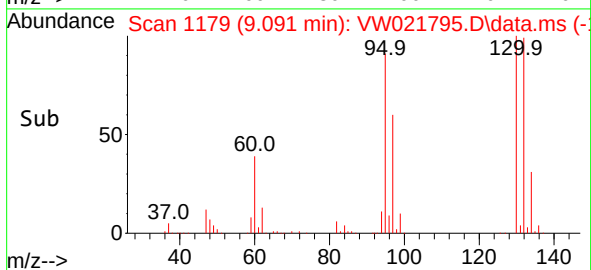
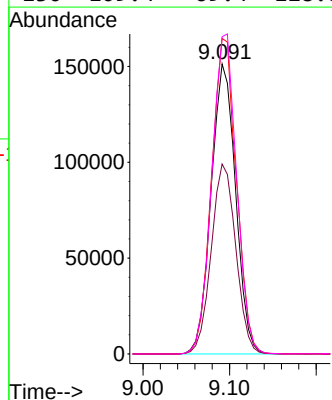
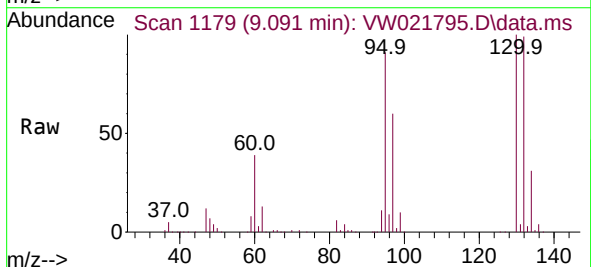
Instrument :
MSVOA_W
ClientSampleId :
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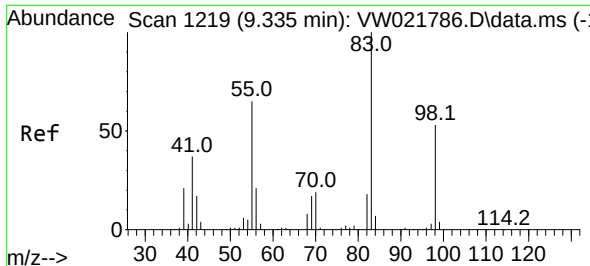
Tgt Ion: 96 Resp: 3562
Ion Ratio Lower Upper
96 100
61 117.6 103.7 192.7
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 95.260 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.006 min
Lab File: VW021795.D
Acq: 07 Jan 2022 23:53

Tgt Ion: 95 Resp: 297073
Ion Ratio Lower Upper
95 100
97 65.5 47.0 87.2
132 108.8 65.5 121.6
130 109.4 69.4 128.8

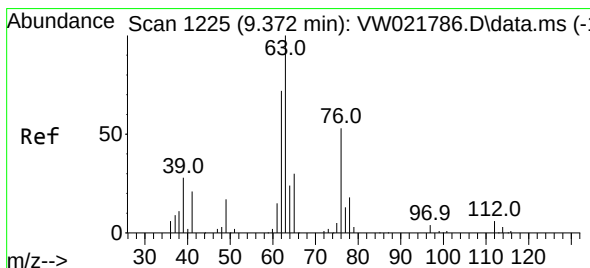
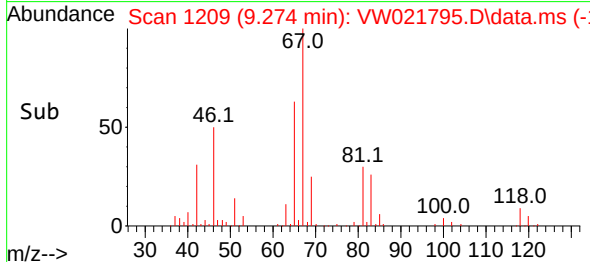
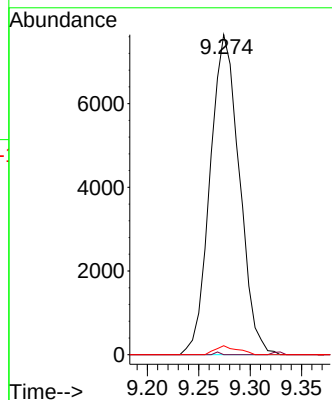
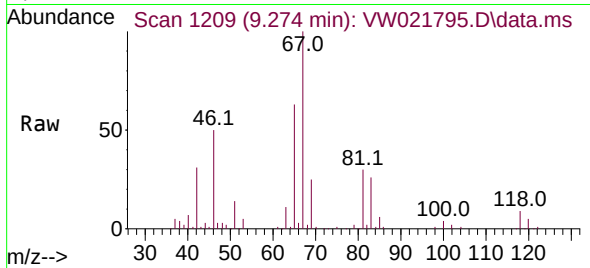




#35
Methylcyclohexane
Concen: 2.946 ug/L
RT: 9.274 min Scan# 11
Delta R.T. -0.061 min
Lab File: VW021795.D
Acq: 07 Jan 2022 23:53

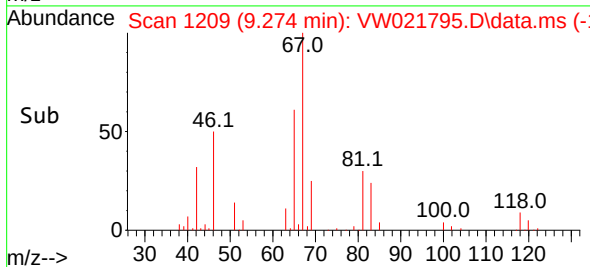
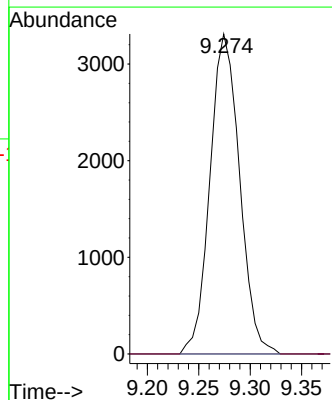
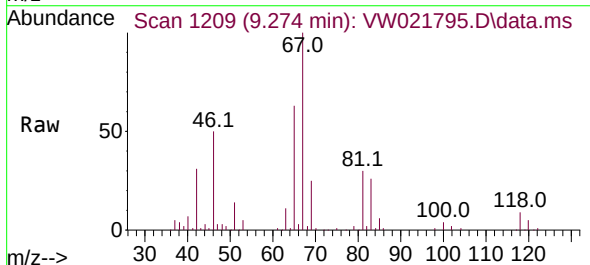
Instrument :
MSVOA_W
ClientSampleId :
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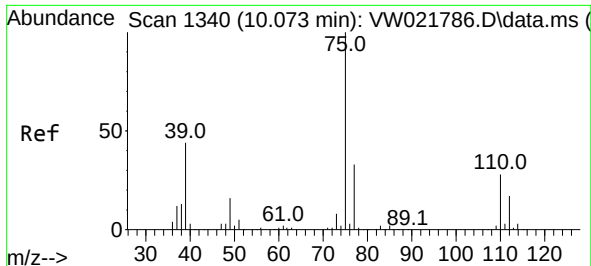
Tgt Ion: 83 Resp: 15160
Ion Ratio Lower Upper
83 100
55 0.3 70.8 106.2#
98 2.1 37.7 56.5#



#37
1,2-Dichloropropane
Concen: 2.729 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.098 min
Lab File: VW021795.D
Acq: 07 Jan 2022 23:53

Tgt Ion: 63 Resp: 6643
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.510 ug/L

RT: 10.036 min Scan# 11

Delta R.T. -0.037 min

Lab File: VW021795.D

Acq: 07 Jan 2022 23:53

Instrument :

MSVOA_W

ClientSampleId :

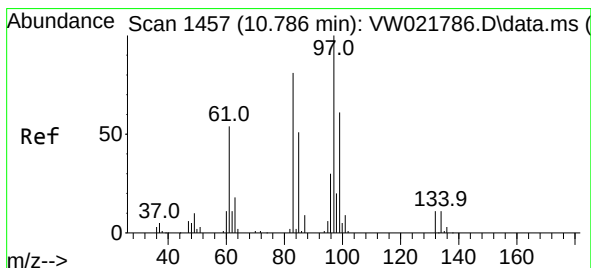
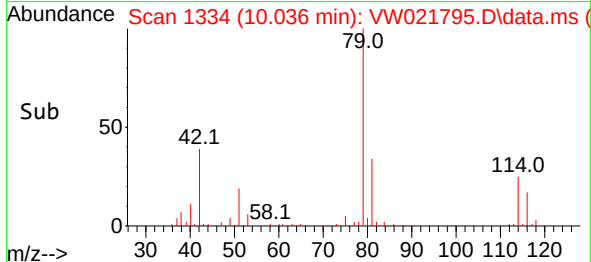
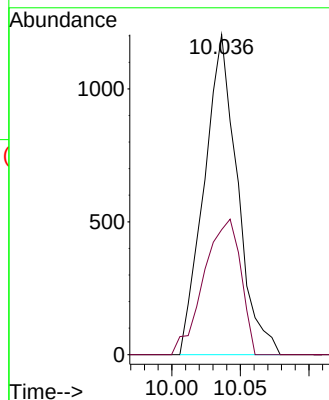
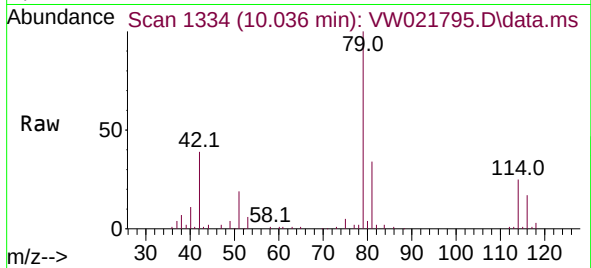
BGLL2

Tgt Ion: 75 Resp: 2029

Ion Ratio Lower Upper

75 100

77 39.0 21.8 40.6



#45

1,1,2-Trichloroethane

Concen: 1.225 ug/L

RT: 10.859 min Scan# 1469

Delta R.T. 0.073 min

Lab File: VW021795.D

Acq: 07 Jan 2022 23:53

Tgt Ion: 97 Resp: 2478

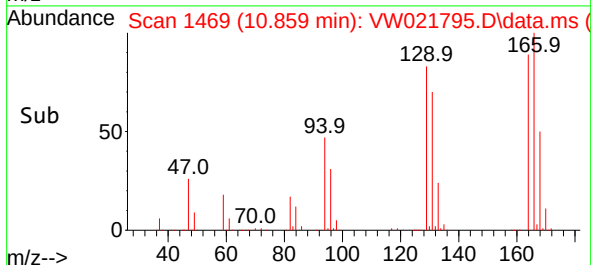
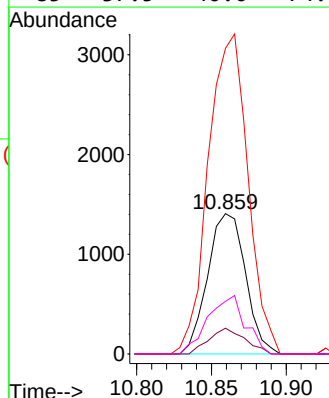
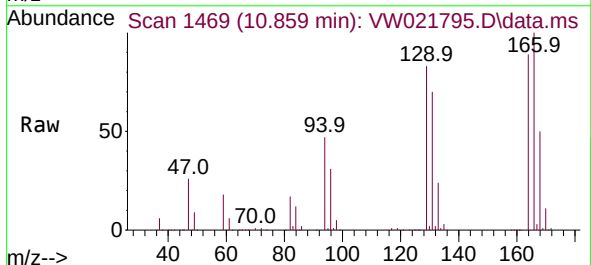
Ion Ratio Lower Upper

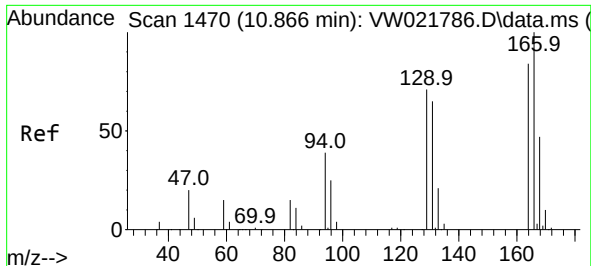
97 100

99 18.3 43.0 79.8#

83 217.8 62.6 116.3#

85 37.5 40.0 74.2#

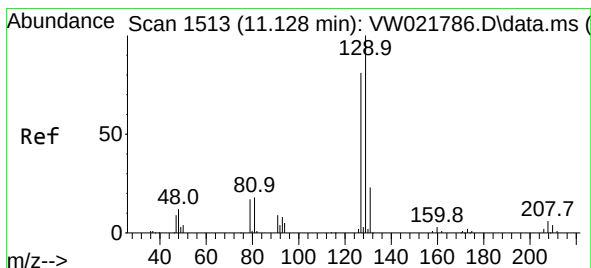
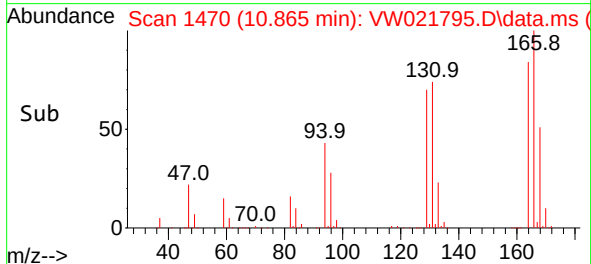
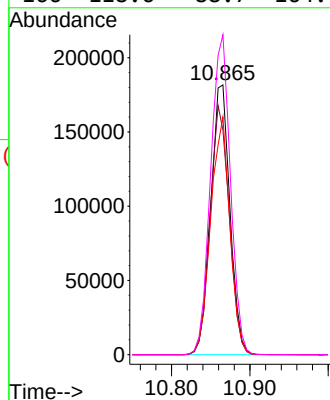
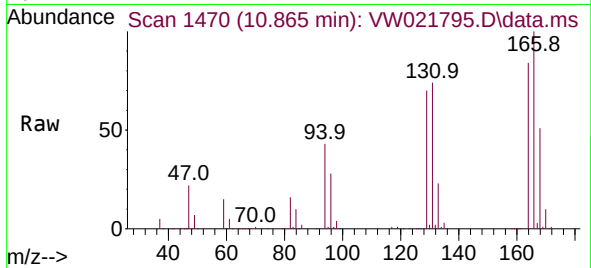




#46
Tetrachloroethene
Concen: 106.498 ug/L
RT: 10.865 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW021795.D
Acq: 07 Jan 2022 23:53

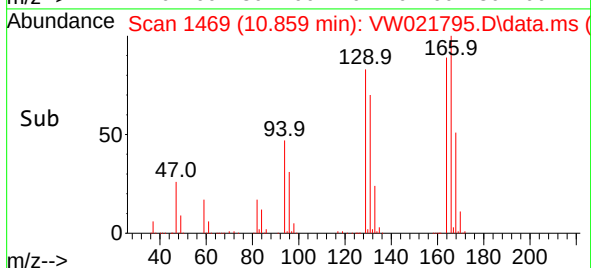
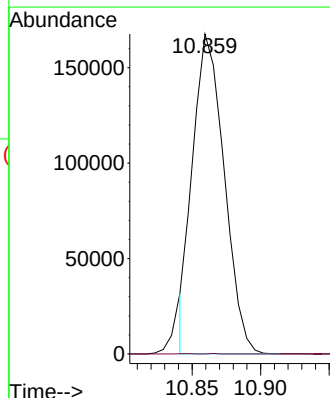
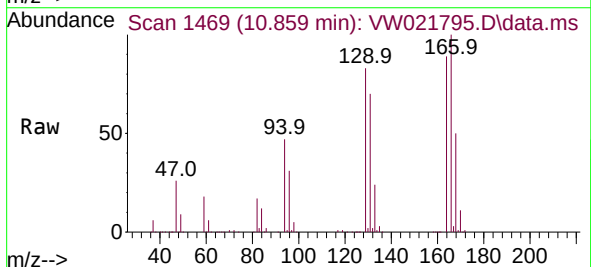
Instrument :
MSVOA_W
ClientSampleId :
BGLL2

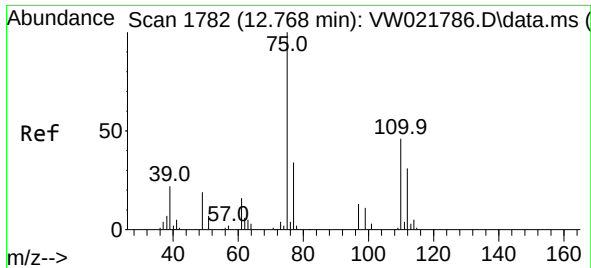
Tgt Ion:164 Resp: 311017
Ion Ratio Lower Upper
164 100
129 83.3 65.5 121.7
131 88.1 59.7 110.9
166 118.6 88.7 164.7



#49
Dibromochloromethane
Concen: 98.401 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.268 min
Lab File: VW021795.D
Acq: 07 Jan 2022 23:53

Tgt Ion:129 Resp: 267353
Ion Ratio Lower Upper
129 100
127 0.0 55.7 103.5#





#61
 1,2,3-Trichloropropane
 Concen: 6.671 ug/L
 RT: 13.554 min Scan# 1911
 Delta R.T. 0.786 min
 Lab File: VW021795.D
 Acq: 07 Jan 2022 23:53

Instrument :
 MSVOA_W
 ClientSampleId :
 BGLL2

Tgt Ion: 75	Resp:	10077
Ion Ratio	Lower	Upper
75	100	
77	37.9	25.8 38.8
110	3.9	29.0 43.4#

