

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121121\
 Data File : VW021335.D
 Acq On : 11 Dec 2021 18:31
 Operator : SY/VA
 Sample : M5062-14
 Misc : 5.23g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 12 08:09:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 10 23:12:45 2021
 Response via : Initial Calibration

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

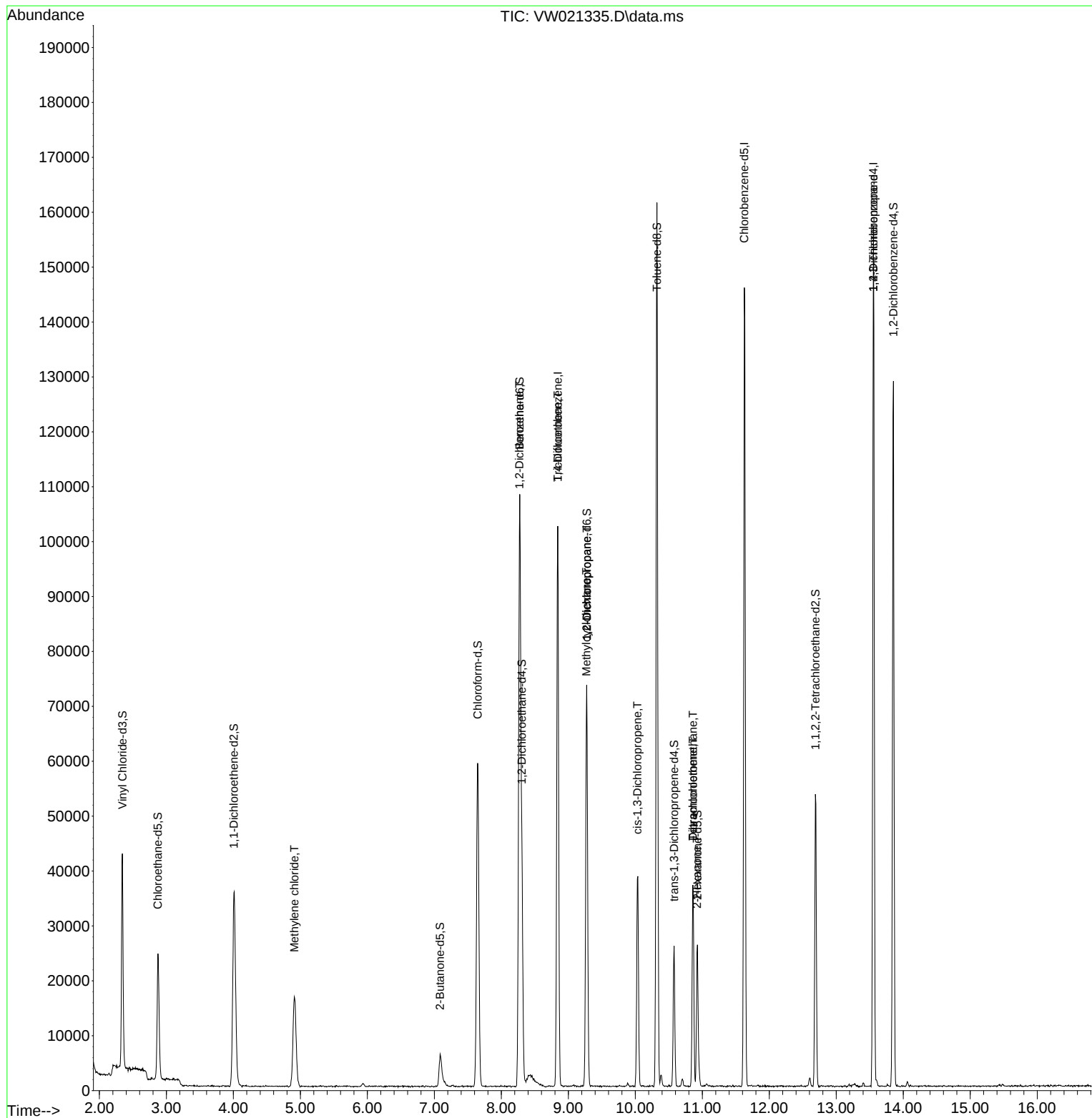
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	87283	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	82139	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	41399	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	38021	23.918	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.680%
7) Chloroethane-d5	2.873	69	26395	25.117	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.480%
11) 1,1-Dichloroethene-d2	4.007	63	32524	15.347	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.400%
21) 2-Butanone-d5	7.086	46	10170	45.386	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.780%
24) Chloroform-d	7.647	84	59881	24.618	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.480%
26) 1,2-Dichloroethane-d4	8.305	65	29800	23.032	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.120%
32) Benzene-d6	8.275	84	109374	24.293	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.160%
36) 1,2-Dichloropropane-d6	9.275	67	30737	25.456	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.840%
41) Toluene-d8	10.323	98	102217	22.220	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.880%
43) trans-1,3-Dichloroprop...	10.579	79	13260	23.850	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.400%
47) 2-Hexanone-d5	10.927	63	8288	46.418	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.840%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	25392	24.463	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.840%
66) 1,2-Dichlorobenzene-d4	13.853	152	32552	20.289	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.160%
Target Compounds						
					Qvalue	
16) Methylene chloride	4.909	84	13950	9.673	ug/L	77
27) 1,2-Dichloroethane	8.269	62	751	0.556	ug/L	# 77
34) Trichloroethene	8.842	95	2600	2.070	ug/L	# 5
35) Methylcyclohexane	9.268	83	8439	4.073	ug/L	# 14
37) 1,2-Dichloropropane	9.275	63	3959	3.967	ug/L	# 88
39) cis-1,3-Dichloropropene	10.031	75	1207	0.767	ug/L	# 77
46) Tetrachloroethene	10.860	164	8313	6.967	ug/L	90
48) 2-Hexanone	10.921	43	1942	4.924	ug/L	# 65
49) Dibromochloromethane	10.860	129	7149	7.099	ug/L	# 10
61) 1,2,3-Trichloropropane	13.554	75	4809	7.982	ug/L	# 68

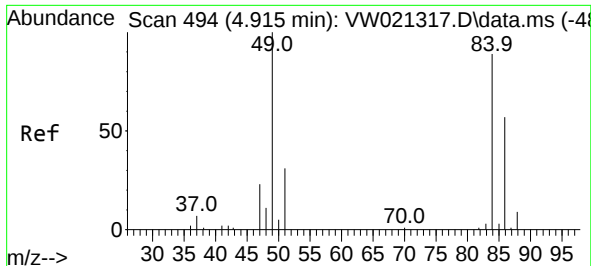
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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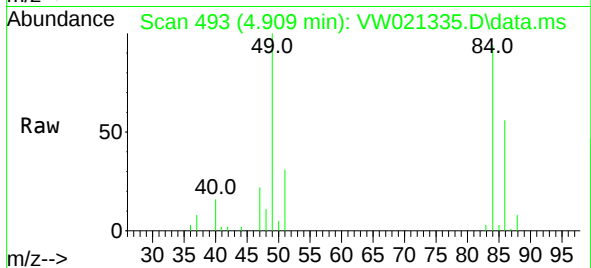
Quant Time: Dec 12 08:09:12 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Dec 10 23:12:45 2021
Response via : Initial Calibration



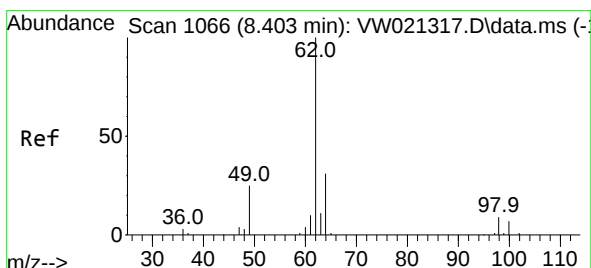
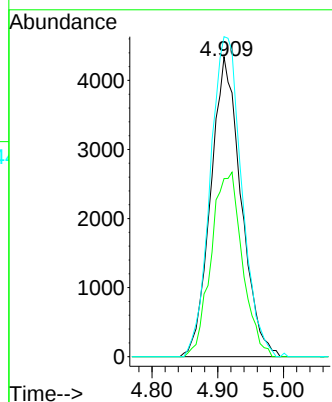
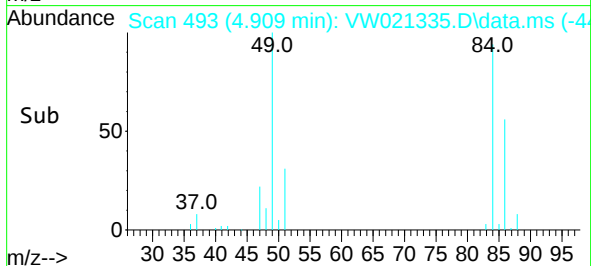


#16
Methylene chloride
Concen: 9.673 ug/L
RT: 4.909 min Scan# 49
Delta R.T. -0.006 min
Lab File: VW021335.D
Acq: 11 Dec 2021 18:31

Instrument :
MSVOA_W
ClientSampleId :

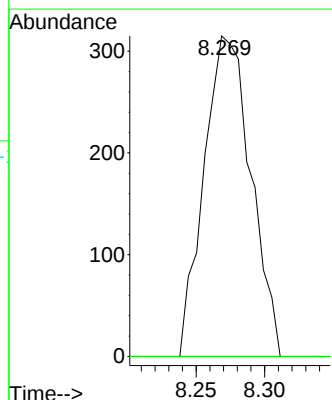
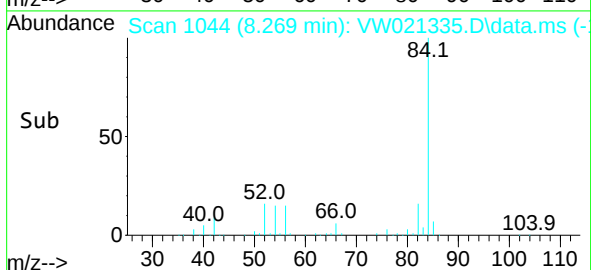
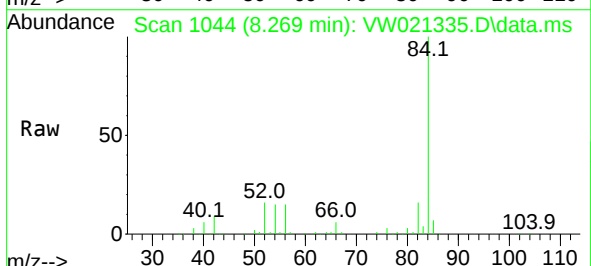


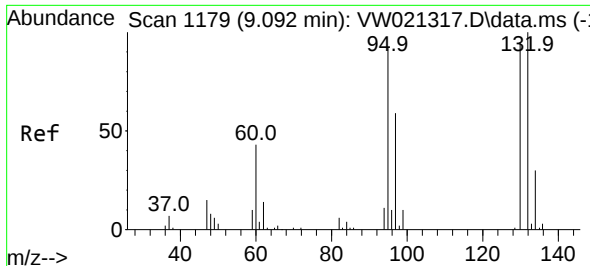
Tgt Ion: 84 Resp: 13950
Ion Ratio Lower Upper
84 100
86 59.4 45.5 84.5
49 106.7 100.5 186.7



#27
1,2-Dichloroethane
Concen: 0.556 ug/L
RT: 8.269 min Scan# 1044
Delta R.T. -0.134 min
Lab File: VW021335.D
Acq: 11 Dec 2021 18:31

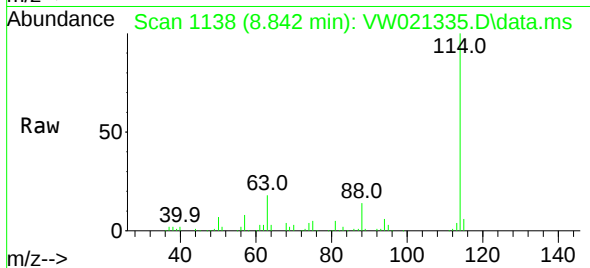
Tgt Ion: 62 Resp: 751
Ion Ratio Lower Upper
62 100
98 0.0 6.5 9.7#



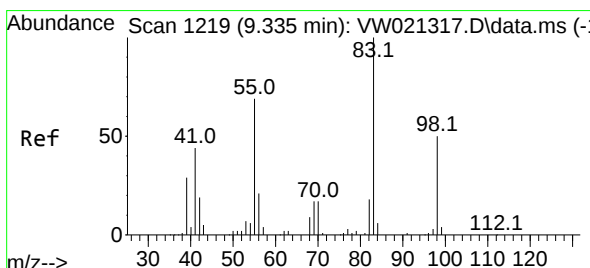
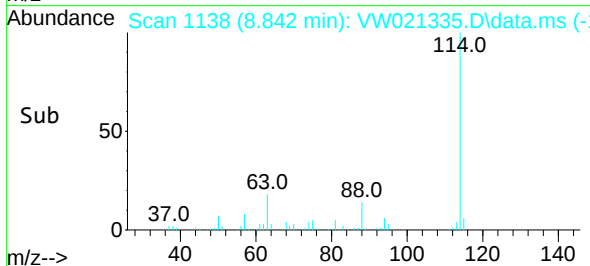
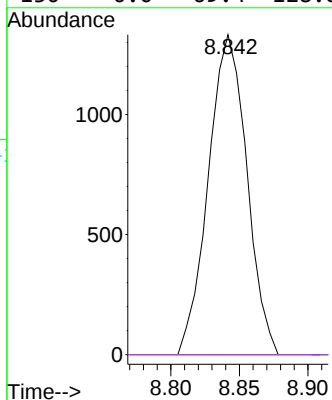


#34
 Trichloroethene
 Concen: 2.070 ug/L
 RT: 8.842 min Scan# 1179
 Delta R.T. -0.250 min
 Lab File: VW021335.D
 Acq: 11 Dec 2021 18:31

Instrument :
 MSVOA_W
 ClientSampleId :

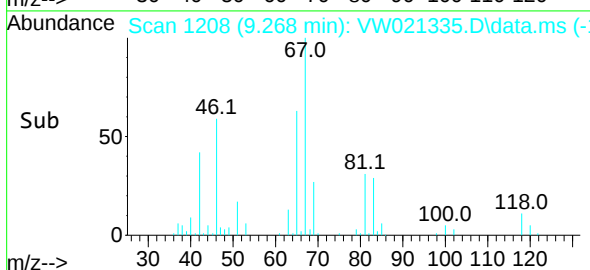
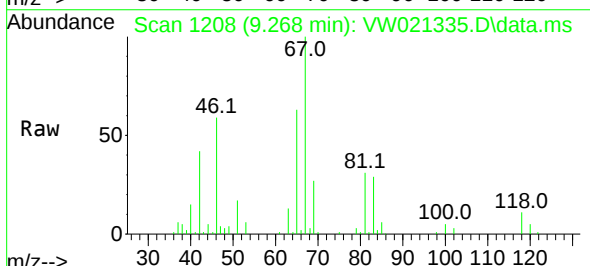
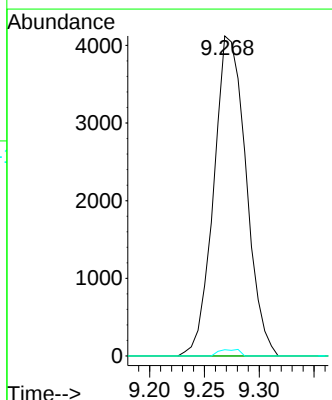


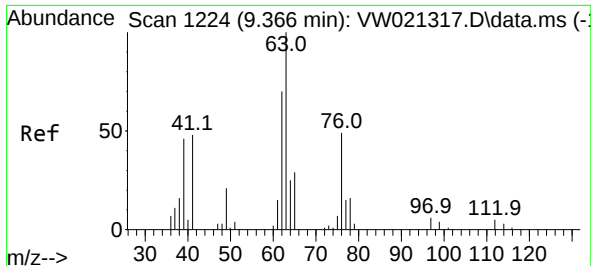
Tgt Ion:	95	Resp:	2600
Ion	Ratio	Lower	Upper
95	100		
97	0.0	47.0	87.2#
132	0.0	65.5	121.6#
130	0.0	69.4	128.8#



#35
 Methylcyclohexane
 Concen: 4.073 ug/L
 RT: 9.268 min Scan# 1208
 Delta R.T. -0.067 min
 Lab File: VW021335.D
 Acq: 11 Dec 2021 18:31

Tgt Ion:	83	Resp:	8439
Ion	Ratio	Lower	Upper
83	100		
55	0.0	70.8	106.2#
98	1.3	37.7	56.5#





#37

1,2-Dichloropropane

Concen: 3.967 ug/L

RT: 9.275 min Scan# 11

Delta R.T. -0.091 min

Lab File: VW021335.D

Acq: 11 Dec 2021 18:31

Instrument :

MSVOA_W

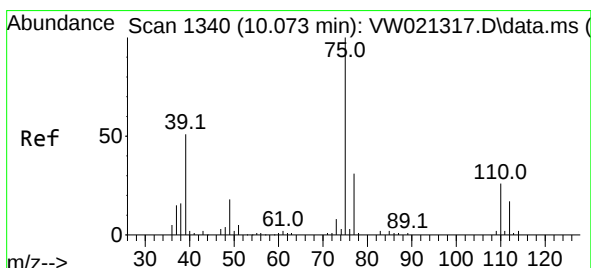
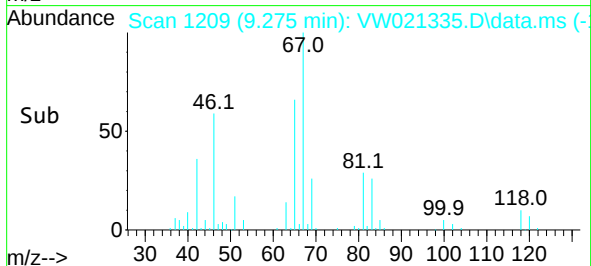
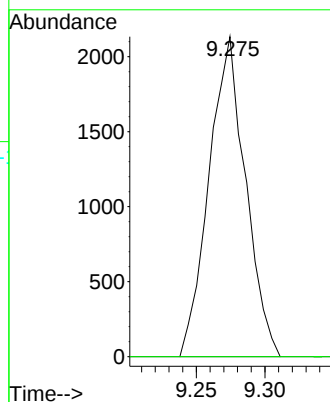
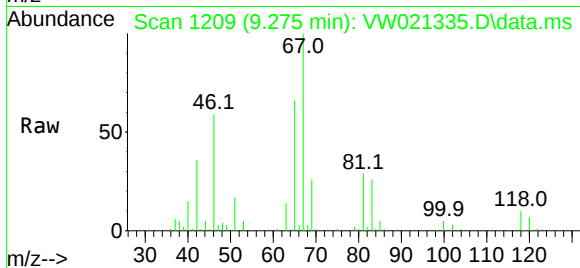
ClientSampleId :

Tgt Ion: 63 Resp: 3959

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.767 ug/L

RT: 10.031 min Scan# 1333

Delta R.T. -0.043 min

Lab File: VW021335.D

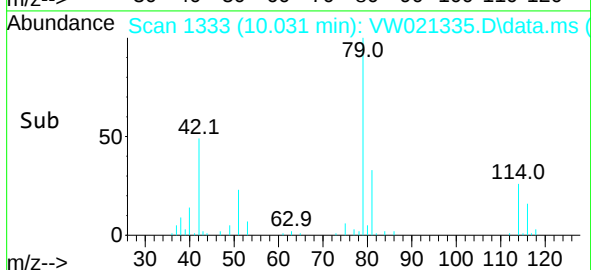
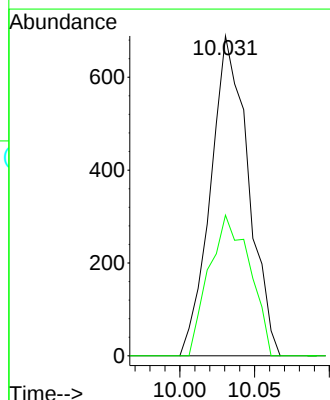
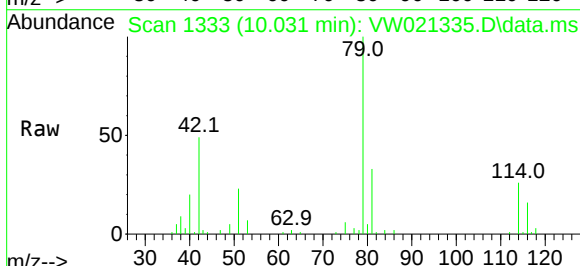
Acq: 11 Dec 2021 18:31

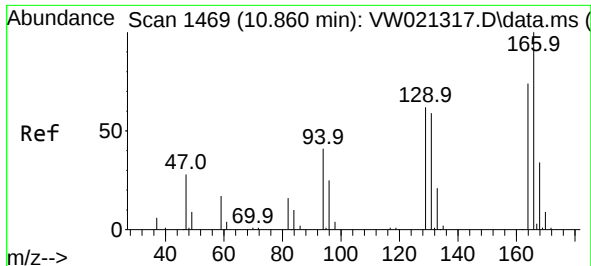
Tgt Ion: 75 Resp: 1207

Ion Ratio Lower Upper

75 100

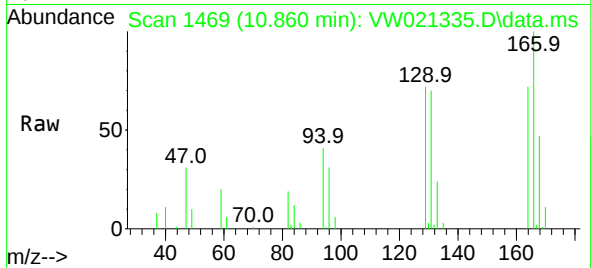
77 44.0 21.8 40.6#



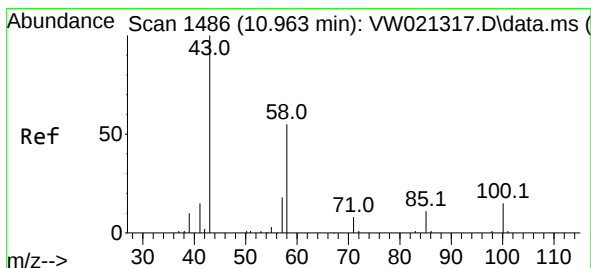
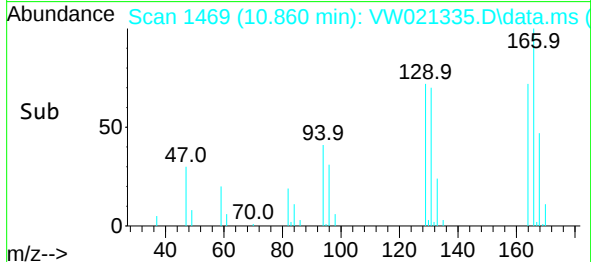
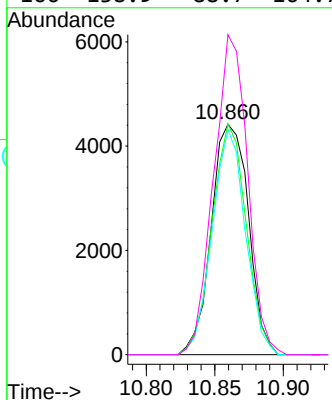


#46
Tetrachloroethene
Concen: 6.967 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW021335.D
Acq: 11 Dec 2021 18:31

Instrument :
MSVOA_W
ClientSampleId :

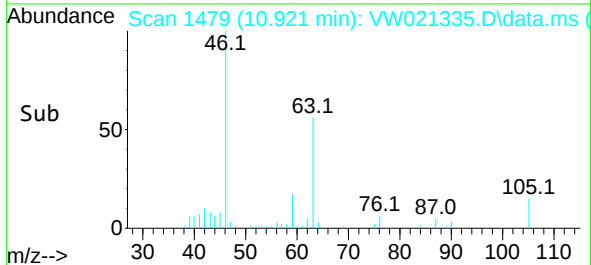
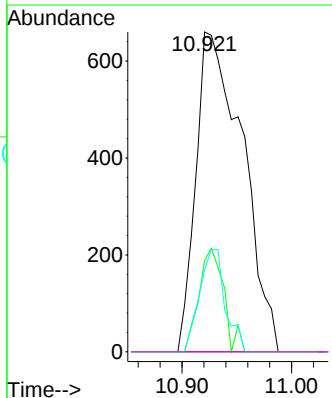
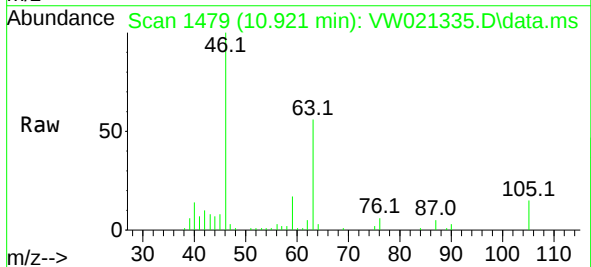


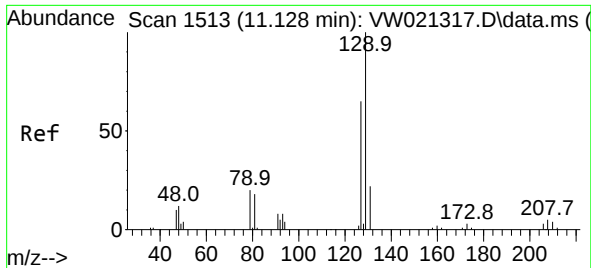
Tgt Ion:	164	Resp:	8313
Ion	Ratio	Lower	Upper
164	100		
129	100.2	65.5	121.7
131	97.8	59.7	110.9
166	138.9	88.7	164.7



#48
2-Hexanone
Concen: 4.924 ug/L
RT: 10.921 min Scan# 1479
Delta R.T. -0.049 min
Lab File: VW021335.D
Acq: 11 Dec 2021 18:31

Tgt Ion:	43	Resp:	1942
Ion	Ratio	Lower	Upper
43	100		
58	16.2	40.2	60.2#
57	17.8	14.3	21.5
100	0.0	8.0	12.0#





#49

Dibromochloromethane

Concen: 7.099 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. -0.268 min

Lab File: VW021335.D

Acq: 11 Dec 2021 18:31

Instrument :

MSVOA_W

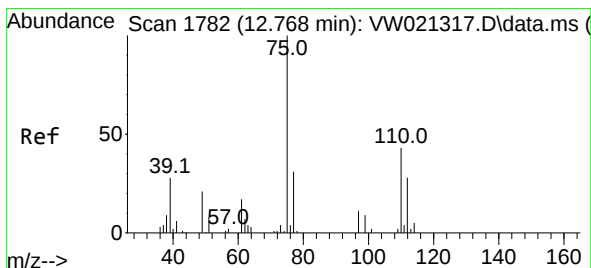
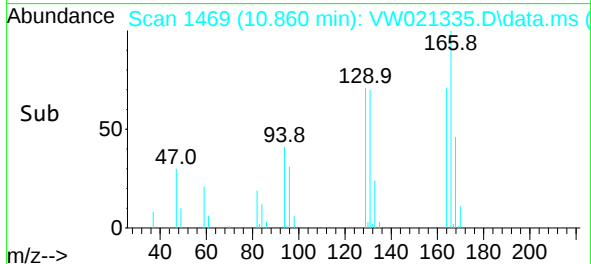
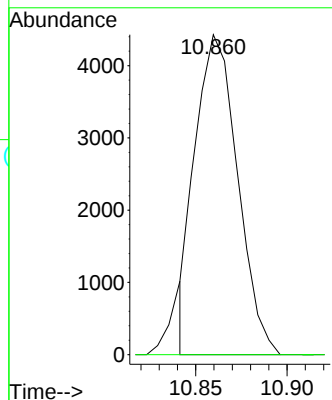
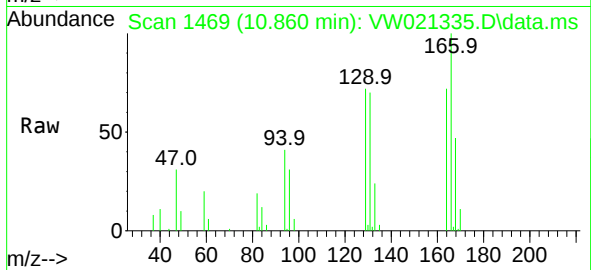
ClientSampleId :

Tgt Ion:129 Resp: 7149

Ion Ratio Lower Upper

129 100

127 0.0 55.7 103.5#



#61

1,2,3-Trichloropropane

Concen: 7.982 ug/L

RT: 13.554 min Scan# 1911

Delta R.T. 0.786 min

Lab File: VW021335.D

Acq: 11 Dec 2021 18:31

Tgt Ion: 75 Resp: 4809

Ion Ratio Lower Upper

75 100

77 35.7 25.8 38.8

110 3.2 29.0 43.4#

