

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120621\
 Data File : VW021168.D
 Acq On : 06 Dec 2021 14:45
 Operator : SY/VA
 Sample : M4888-13
 Misc : 6.23g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EX8B8

Quant Time: Dec 07 01:51:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Dec 07 01:47:32 2021
 Response via : Initial Calibration

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

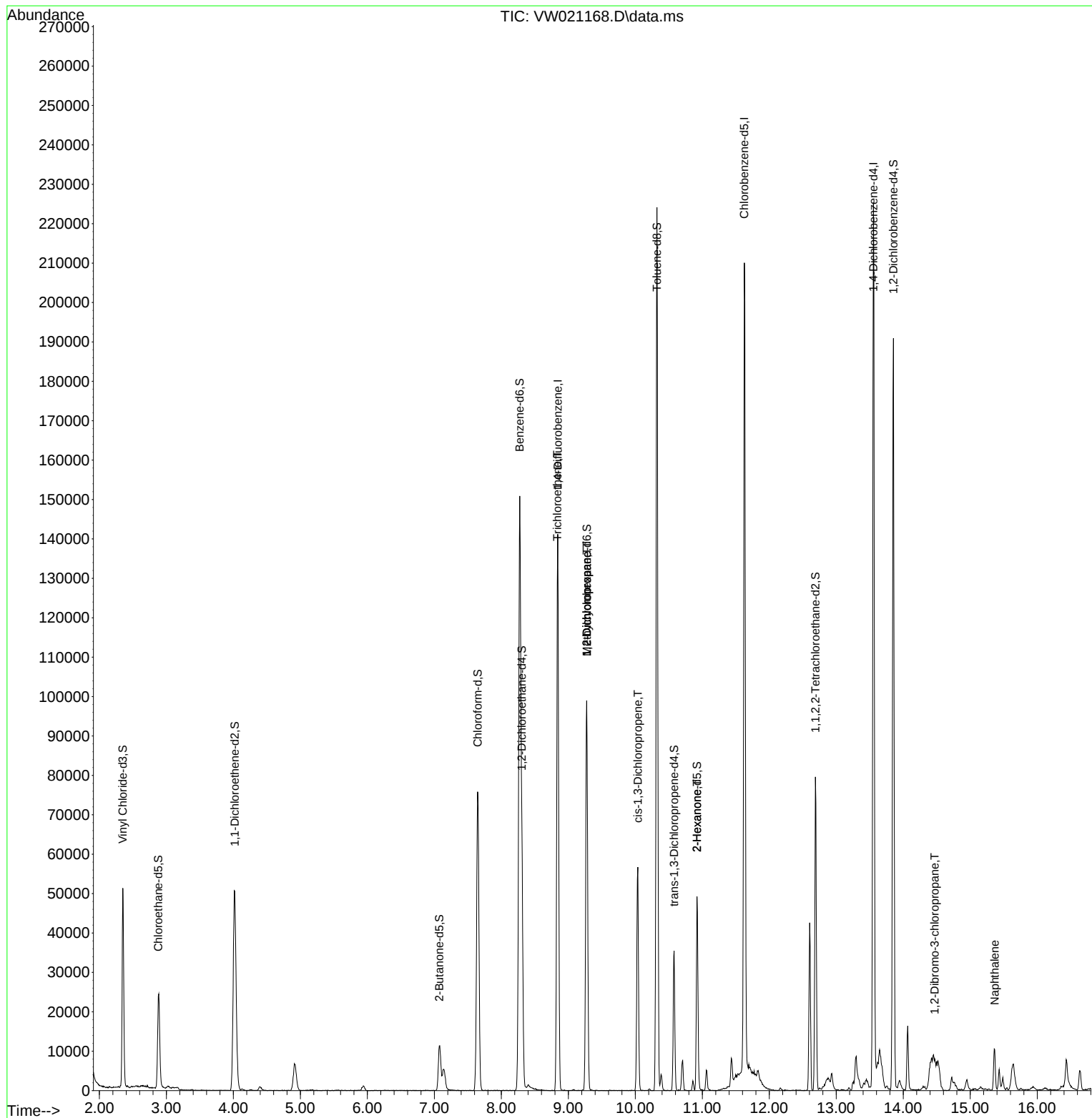
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	116636	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	112837	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	59867	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	48041	29.563	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 118.240%	
7) Chloroethane-d5	2.879	69	29603	27.213	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 108.840%	
11) 1,1-Dichloroethene-d2	4.019	63	49298	18.990	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 75.960%	
21) 2-Butanone-d5	7.074	46	19720	53.202	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 106.400%	
24) Chloroform-d	7.647	84	75370	25.803	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 103.200%	
26) 1,2-Dichloroethane-d4	8.305	65	44132	27.617	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 110.480%	
32) Benzene-d6	8.275	84	148178	25.683	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 102.720%	
36) 1,2-Dichloropropane-d6	9.275	67	41720	26.021	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 104.080%	
41) Toluene-d8	10.323	98	142966	24.167	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 96.680%	
43) trans-1,3-Dichloroprop...	10.579	79	17683	24.289	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 97.160%	
47) 2-Hexanone-d5	10.921	63	16210	52.843	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 105.680%	
56) 1,1,2,2-Tetrachloroeth...	12.689	84	34906	23.533	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 94.120%	
66) 1,2-Dichlorobenzene-d4	13.853	152	49619	23.132	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 92.520%	
Target Compounds						Qvalue
34) Trichloroethene	8.836	95	3481	1.966	ug/L	# 5
35) Methylcyclohexane	9.275	83	11202	3.759	ug/L	# 14
37) 1,2-Dichloropropane	9.275	63	5792	3.994	ug/L	# 88
39) cis-1,3-Dichloropropene	10.037	75	1734	0.739	ug/L	# 68
48) 2-Hexanone	10.921	43	2217	3.111	ug/L	# 68
68) 1,2-Dibromo-3-chloropr...	14.469	75	1000	4.416	ug/L	# 10
71) Naphthalene	15.365	128	9751	2.217	ug/L	99

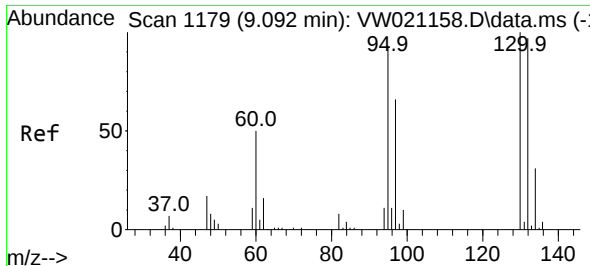
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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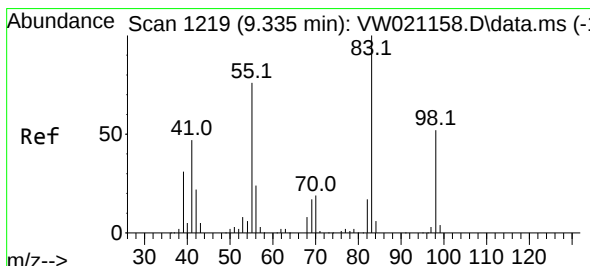
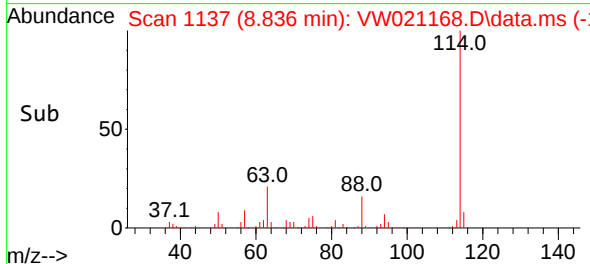
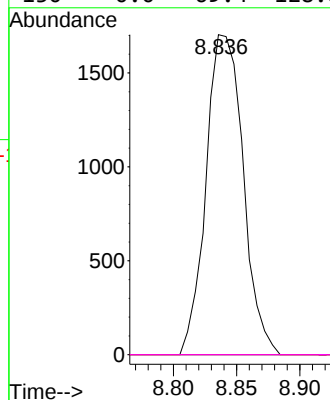
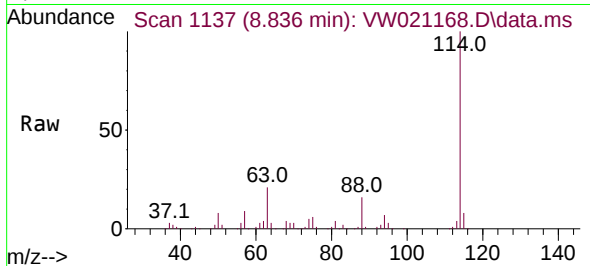




#34
 Trichloroethene
 Concen: 1.966 ug/L
 RT: 8.836 min Scan# 1179
 Delta R.T. -0.256 min
 Lab File: VW021168.D
 Acq: 06 Dec 2021 14:45

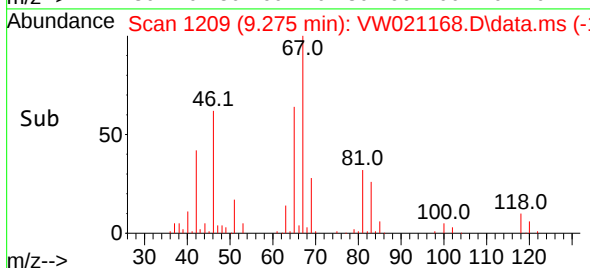
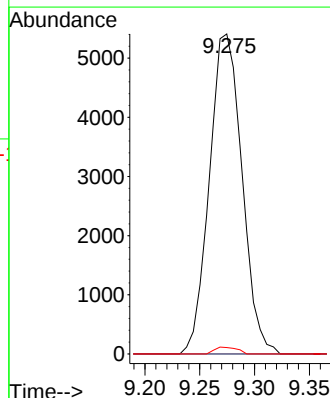
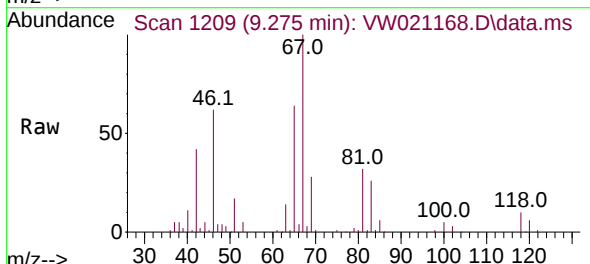
Instrument :
 MSVOA_W
 ClientSampleId :
 EX8B8

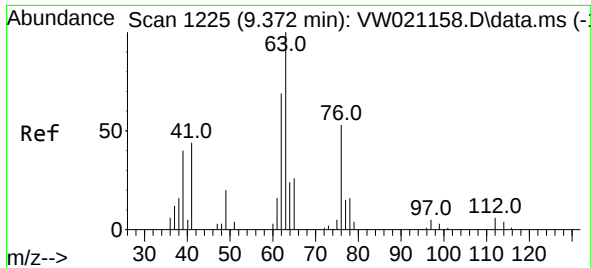
Tgt Ion:	95	Resp:	3481
Ion	Ratio	Lower	Upper
95	100		
97	0.0	47.0	87.2#
132	0.0	65.5	121.6#
130	0.0	69.4	128.8#



#35
 Methylcyclohexane
 Concen: 3.759 ug/L
 RT: 9.275 min Scan# 1209
 Delta R.T. -0.061 min
 Lab File: VW021168.D
 Acq: 06 Dec 2021 14:45

Tgt Ion:	83	Resp:	11202
Ion	Ratio	Lower	Upper
83	100		
55	0.0	70.8	106.2#
98	1.5	37.7	56.5#





#37

1,2-Dichloropropane

Concen: 3.994 ug/L

RT: 9.275 min Scan# 11

Delta R.T. -0.097 min

Lab File: VW021168.D

Acq: 06 Dec 2021 14:45

Instrument :

MSVOA_W

ClientSampleId :

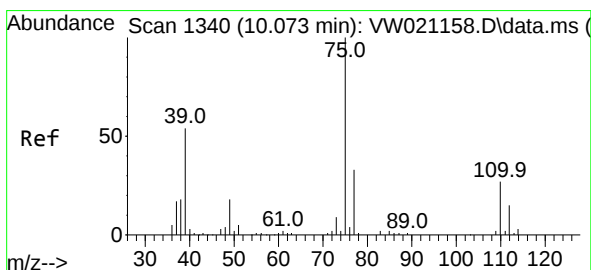
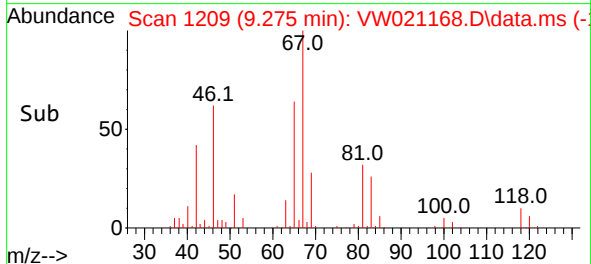
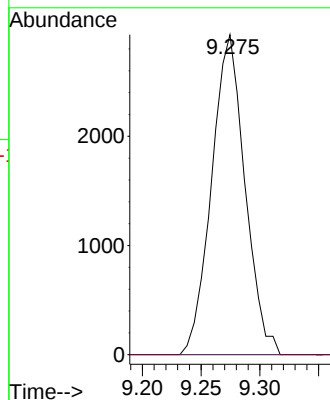
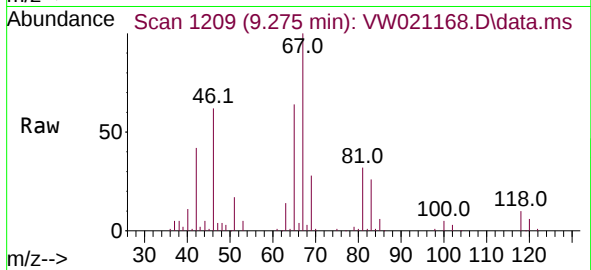
EX8B8

Tgt Ion: 63 Resp: 5792

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.739 ug/L

RT: 10.037 min Scan# 1334

Delta R.T. -0.036 min

Lab File: VW021168.D

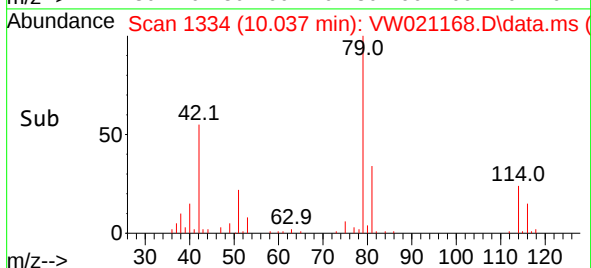
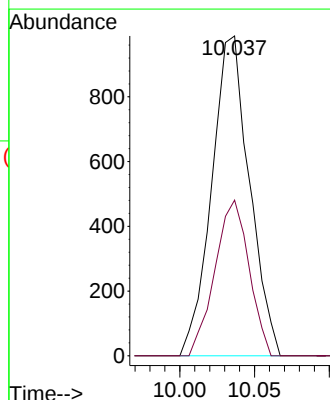
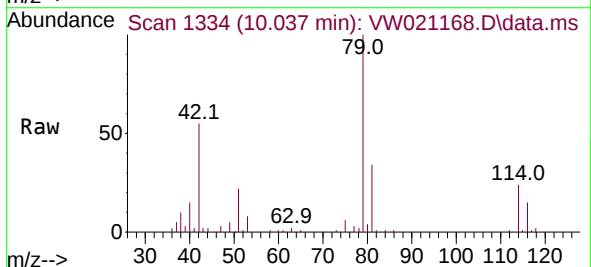
Acq: 06 Dec 2021 14:45

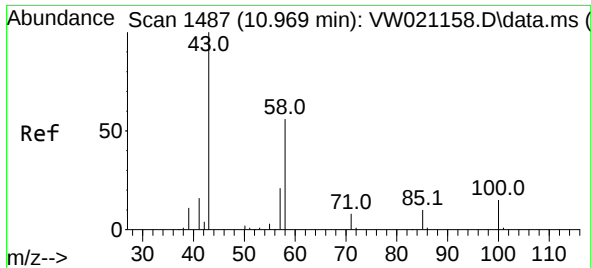
Tgt Ion: 75 Resp: 1734

Ion Ratio Lower Upper

75 100

77 48.7 21.8 40.6#

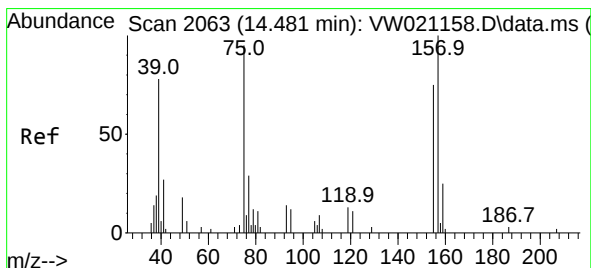
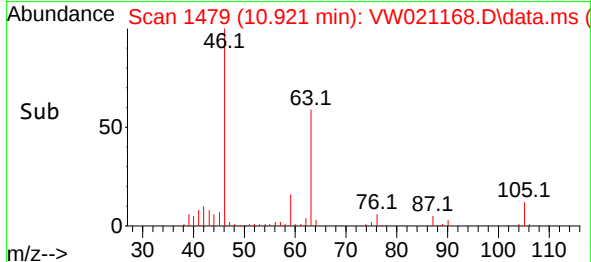
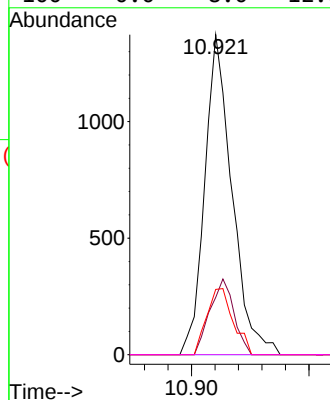
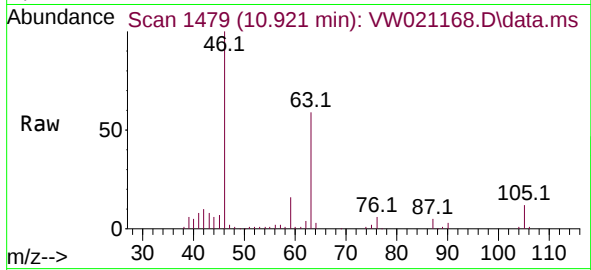




#48
2-Hexanone
Concen: 3.111 ug/L
RT: 10.921 min Scan# 1487
Delta R.T. -0.049 min
Lab File: VW021168.D
Acq: 06 Dec 2021 14:45

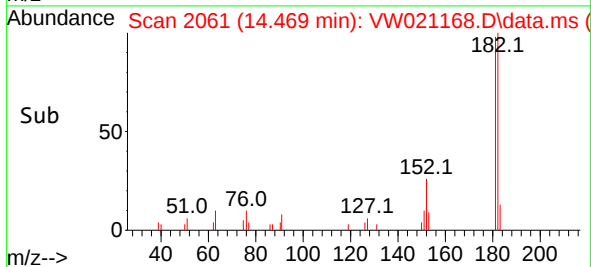
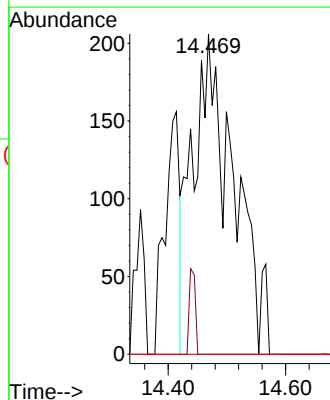
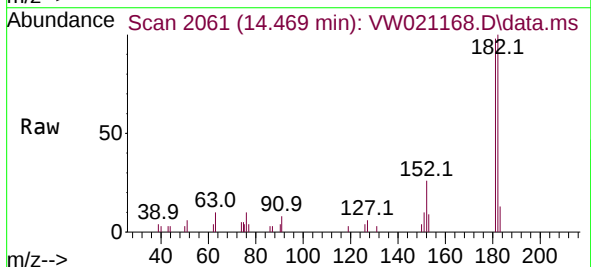
Instrument :
MSVOA_W
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EX8B8

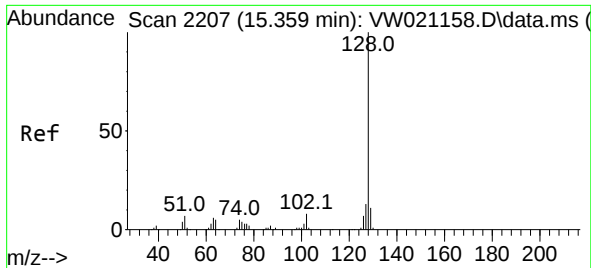
Tgt Ion: 43	Resp: 2217
Ion Ratio	Lower Upper
43	100
58	20.7 40.2 60.2#
57	19.9 14.3 21.5
100	0.0 8.0 12.0#



#68
1,2-Dibromo-3-chloropropane
Concen: 4.416 ug/L
RT: 14.469 min Scan# 2061
Delta R.T. -0.012 min
Lab File: VW021168.D
Acq: 06 Dec 2021 14:45

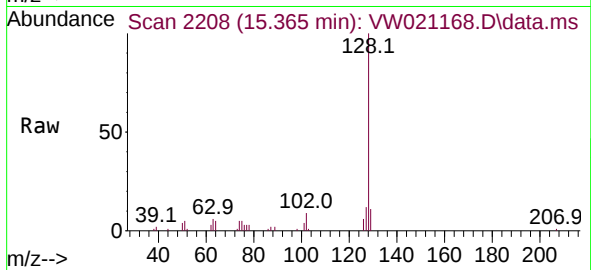
Tgt Ion: 75	Resp: 1000
Ion Ratio	Lower Upper
75	100
155	0.0 54.2 81.2#
157	0.0 69.4 104.2#





#71
Naphthalene
Concen: 2.217 ug/L
RT: 15.365 min Scan# 21
Delta R.T. 0.006 min
Lab File: VW021168.D
Acq: 06 Dec 2021 14:45

Instrument :
MSVOA_W
ClientSampleId :
EX8B8



Tgt Ion:	128	Resp:	9751
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.7	16.1
129	10.3	8.6	12.8

