

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
 Data File : VW021109.D
 Acq On : 04 Dec 2021 10:03
 Operator : SY/VA
 Sample : M4885-04
 Misc : 5.72g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 06 00:48:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Dec 04 04:50:24 2021
 Response via : Initial Calibration

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

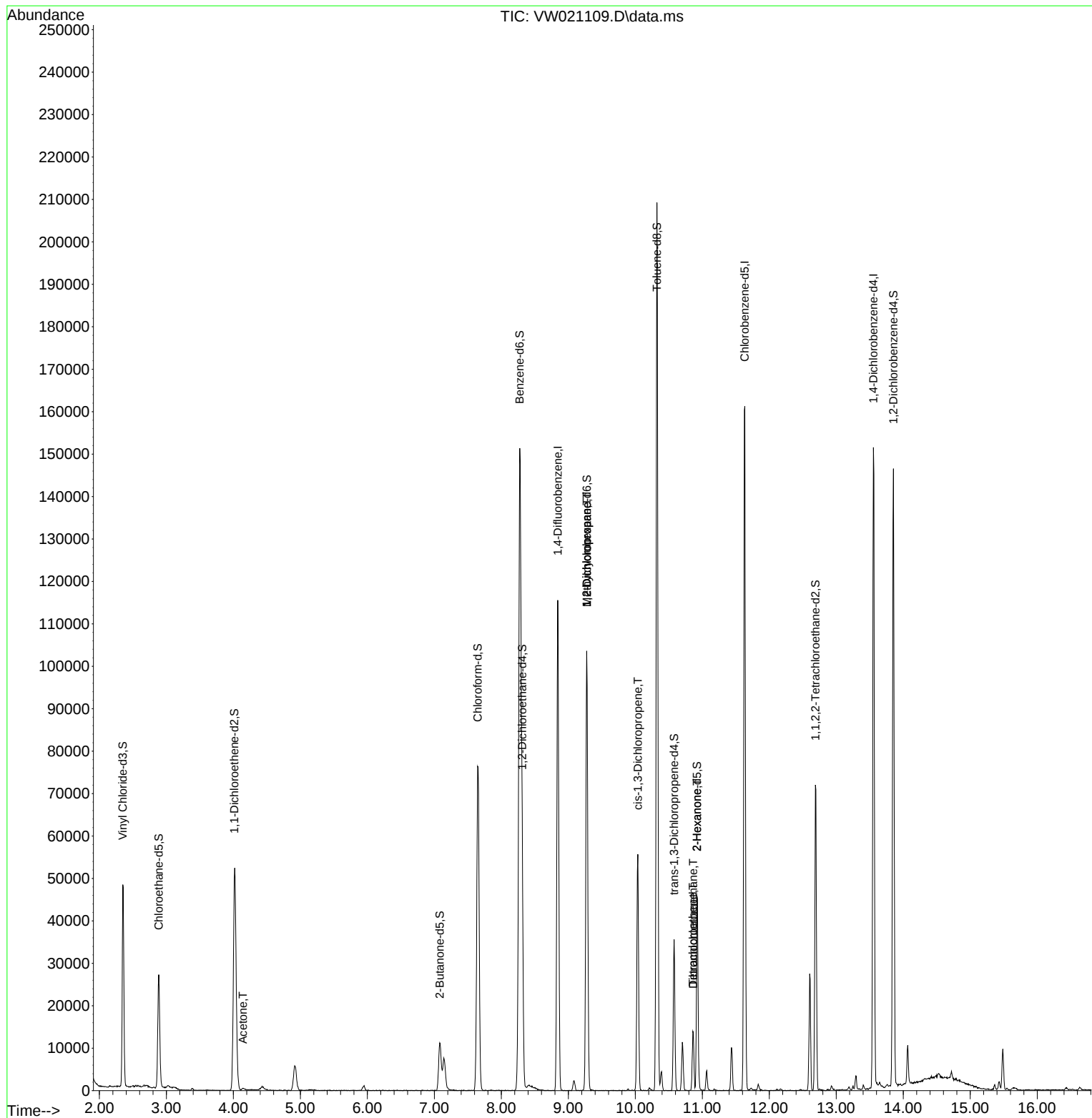
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	97624	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	89785	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	40567	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	45488	33.443	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	133.760%	
7) Chloroethane-d5	2.885	69	30076	33.032	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	132.120%	
11) 1,1-Dichloroethene-d2	4.013	63	48655	22.392	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery	=	89.560%	
21) 2-Butanone-d5	7.080	46	19625	63.256	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	126.520%	
24) Chloroform-d	7.647	84	77268	31.604	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery	=	126.400%	
26) 1,2-Dichloroethane-d4	8.311	65	45978	34.376	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery	=	137.520%#	
32) Benzene-d6	8.275	84	150172	32.712	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	=	130.840%	
36) 1,2-Dichloropropane-d6	9.275	67	43636	34.204	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	=	136.800%#	
41) Toluene-d8	10.323	98	137747	29.263	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	=	117.040%	
43) trans-1,3-Dichloroprop...	10.579	79	18149	31.330	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	=	125.320%	
47) 2-Hexanone-d5	10.921	63	15351	62.891	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	125.780%	
56) 1,1,2,2-Tetrachloroeth...	12.689	84	33892	28.716	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	=	114.880%	
66) 1,2-Dichlorobenzene-d4	13.853	152	37662	25.911	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	=	103.640%	
Target Compounds						
						Qvalue
13) Acetone	4.141	43	1092	3.864	ug/L	93
35) Methylcyclohexane	9.275	83	11575	4.882	ug/L #	14
37) 1,2-Dichloropropane	9.275	63	5516	4.780	ug/L #	88
39) cis-1,3-Dichloropropene	10.037	75	1704	0.913	ug/L #	75
46) Tetrachloroethene	10.860	164	3192	2.475	ug/L	95
48) 2-Hexanone	10.921	43	1971	3.476	ug/L #	70
49) Dibromochloromethane	10.866	129	2750	2.274	ug/L #	10

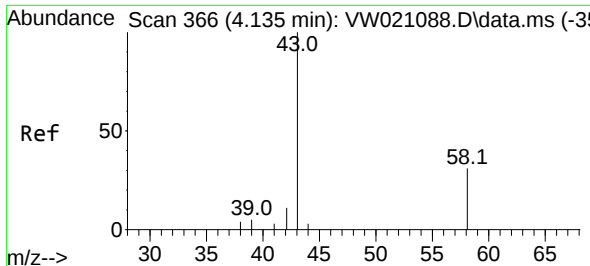
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 06 00:48:22 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Dec 04 04:50:24 2021
Response via : Initial Calibration

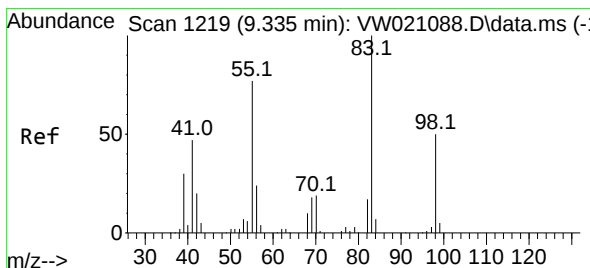
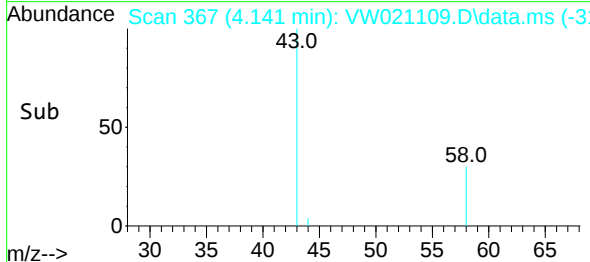
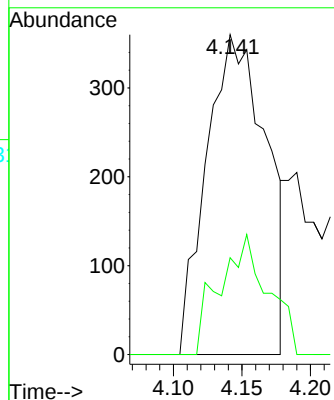
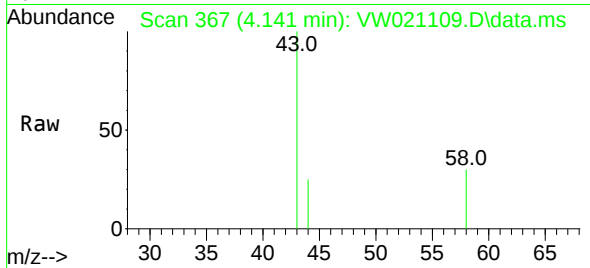




#13
Acetone
Concen: 3.864 ug/L
RT: 4.141 min Scan# 30
Delta R.T. 0.006 min
Lab File: VW021109.D
Acq: 04 Dec 2021 10:03

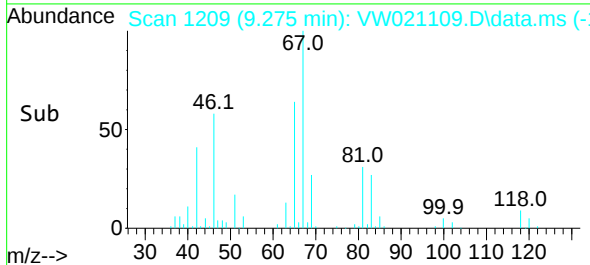
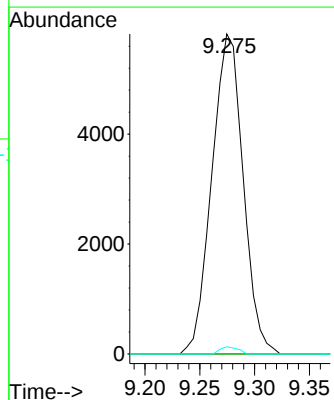
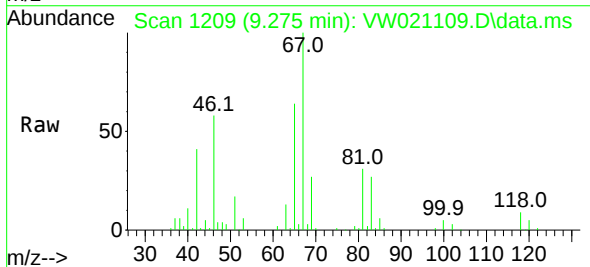
Instrument :
MSVOA_W
ClientSampleId :

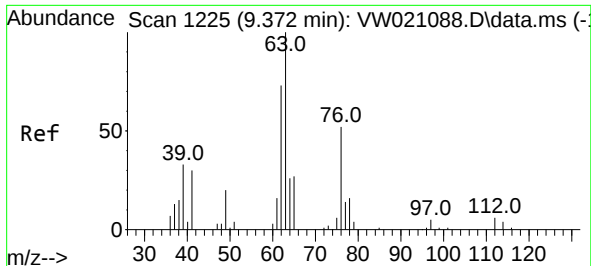
Tgt Ion: 43 Resp: 1092
Ion Ratio Lower Upper
43 100
58 23.0 0.0 52.8



#35
Methylcyclohexane
Concen: 4.882 ug/L
RT: 9.275 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW021109.D
Acq: 04 Dec 2021 10:03

Tgt Ion: 83 Resp: 11575
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: 4.780 ug/L

RT: 9.275 min Scan# 11

Delta R.T. -0.098 min

Lab File: VW021109.D

Acq: 04 Dec 2021 10:03

Instrument :

MSVOA_W

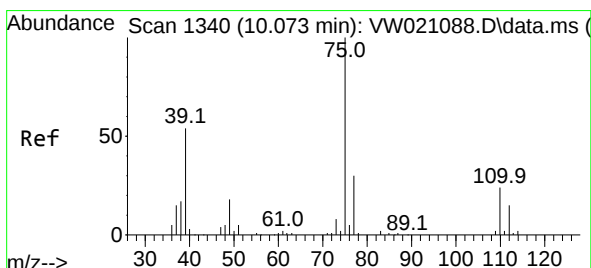
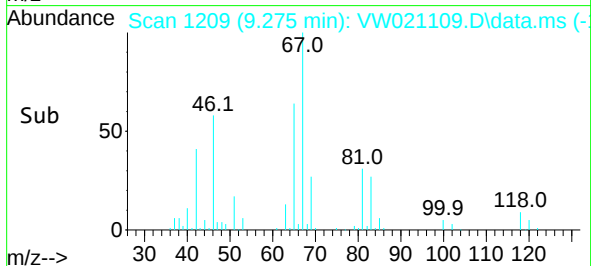
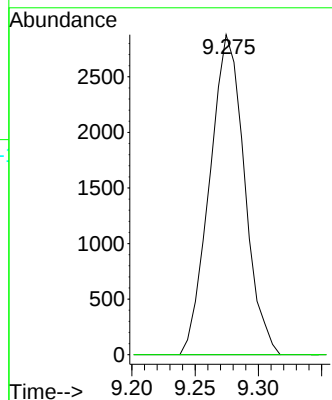
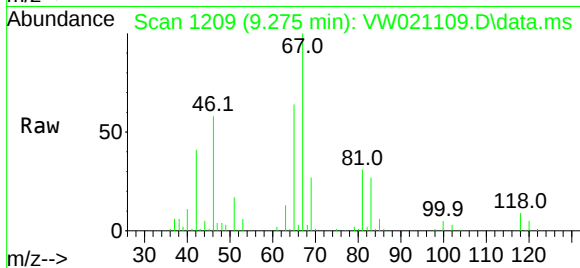
ClientSampleId :

Tgt Ion: 63 Resp: 5516

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.913 ug/L

RT: 10.037 min Scan# 1334

Delta R.T. -0.037 min

Lab File: VW021109.D

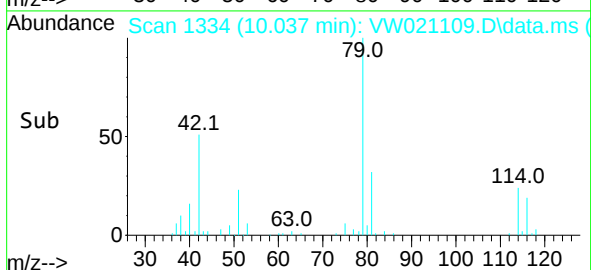
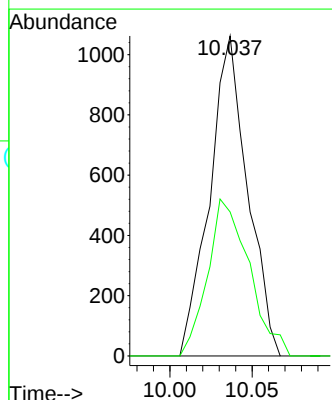
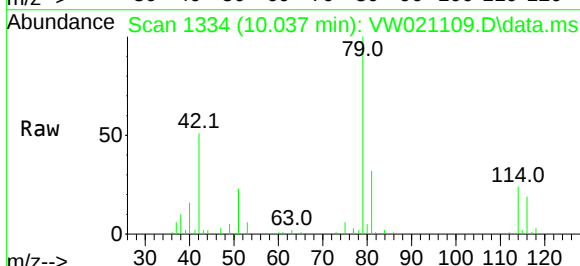
Acq: 04 Dec 2021 10:03

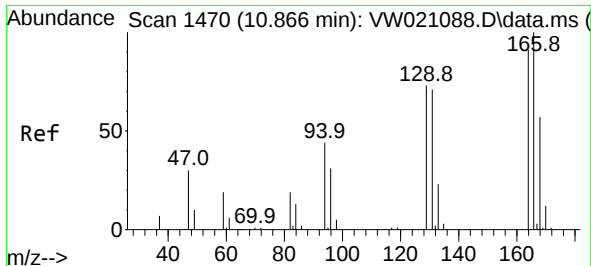
Tgt Ion: 75 Resp: 1704

Ion Ratio Lower Upper

75 100

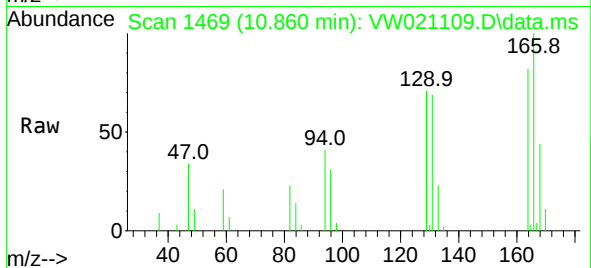
77 45.0 21.8 40.6#



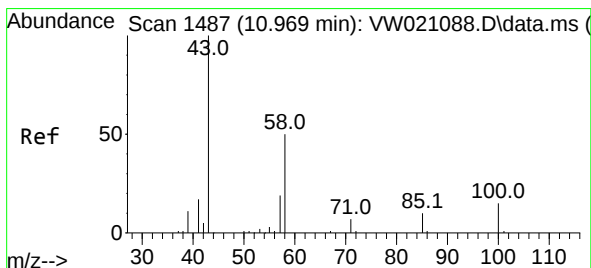
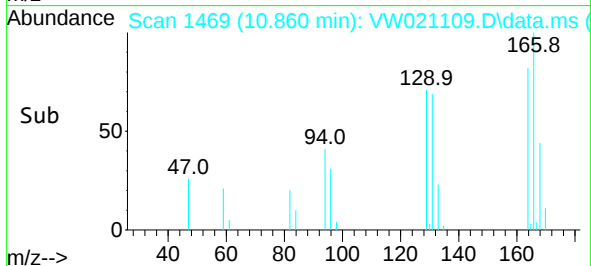
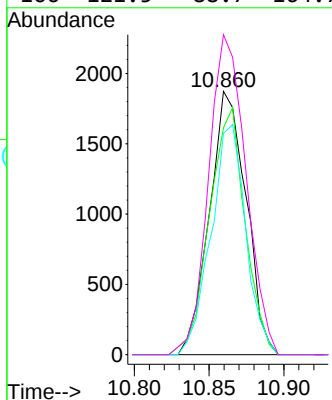


#46
Tetrachloroethene
Concen: 2.475 ug/L
RT: 10.860 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VW021109.D
Acq: 04 Dec 2021 10:03

Instrument :
MSVOA_W
ClientSampleId :

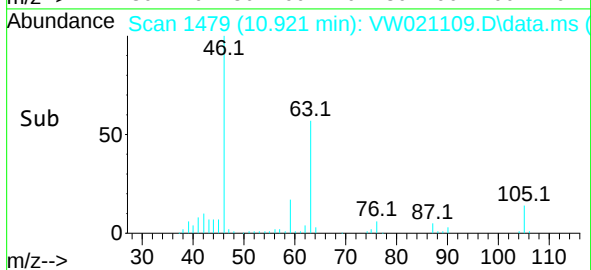
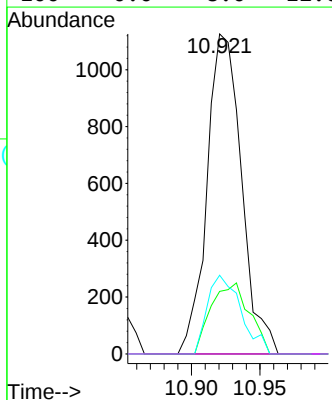
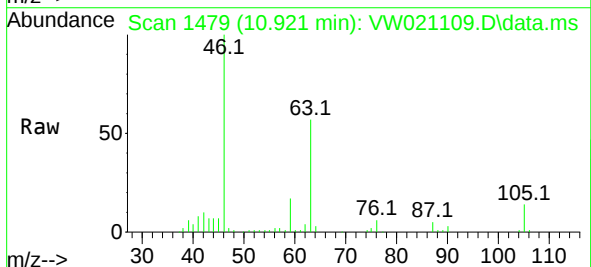


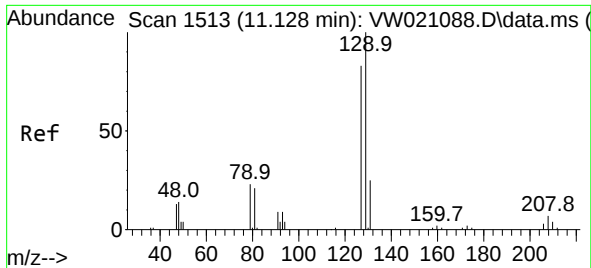
Tgt Ion:164 Resp: 3192
Ion Ratio Lower Upper
164 100
129 86.2 65.5 121.7
131 84.0 59.7 110.9
166 121.5 88.7 164.7



#48
2-Hexanone
Concen: 3.476 ug/L
RT: 10.921 min Scan# 1479
Delta R.T. -0.049 min
Lab File: VW021109.D
Acq: 04 Dec 2021 10:03

Tgt Ion: 43 Resp: 1971
Ion Ratio Lower Upper
43 100
58 24.6 40.2 60.2#
57 23.9 14.3 21.5#
100 0.0 8.0 12.0#





#49

Dibromochloromethane

Concen: 2.274 ug/L

RT: 10.866 min Scan# 14

Delta R.T. -0.262 min

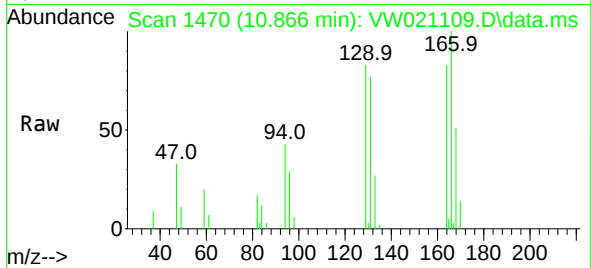
Lab File: VW021109.D

Acq: 04 Dec 2021 10:03

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:129 Resp: 2750

Ion Ratio Lower Upper

129 100

127 0.0 55.7 103.5#

