

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072222\
 Data File : VW024007.D
 Acq On : 22 Jul 2022 15:10
 Operator : SY/VA
 Sample : N3743-04RE
 Misc : 6.29g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 22 23:13:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jul 22 23:08:43 2022
 Response via : Initial Calibration

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

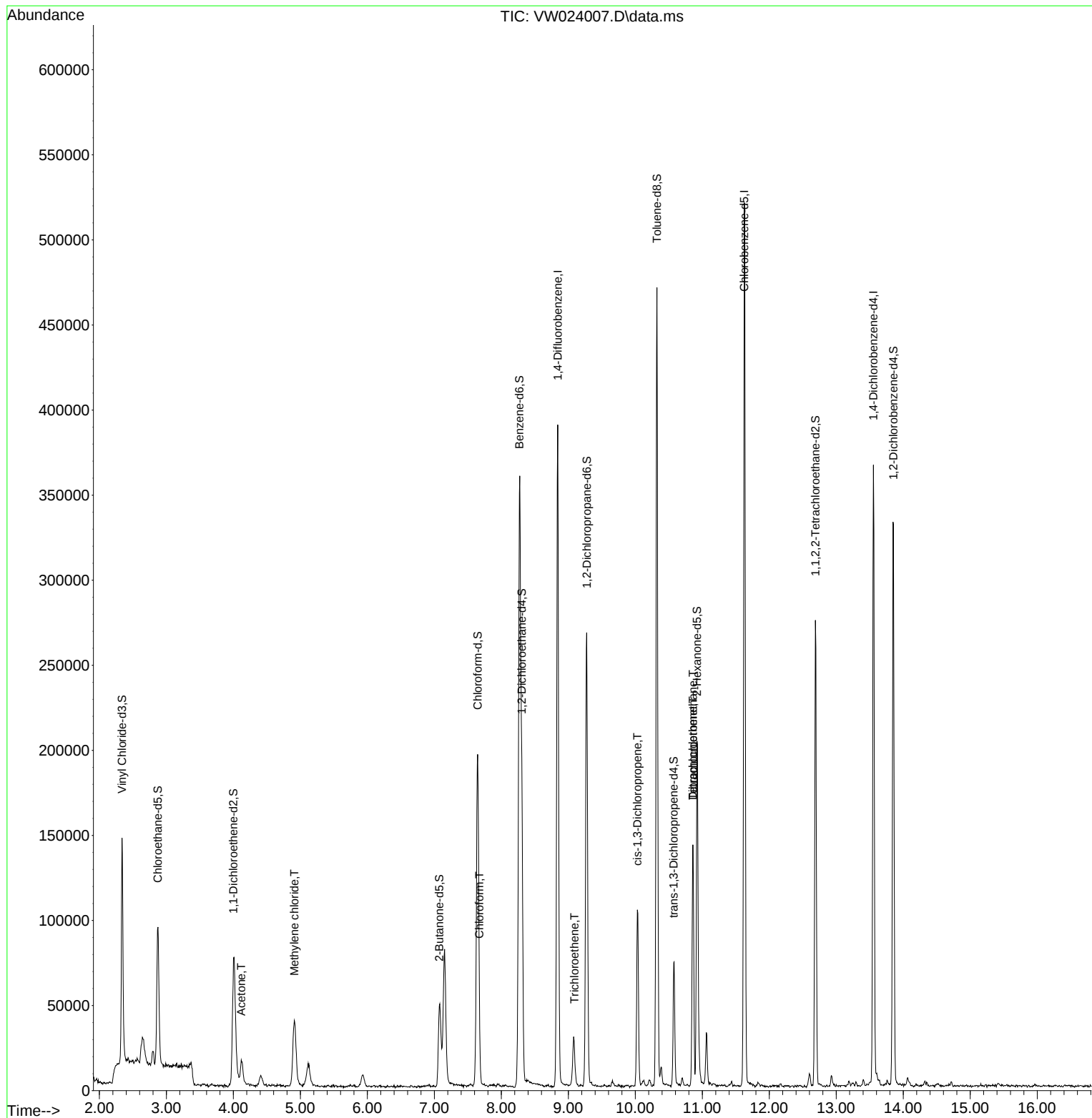
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	301023	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	272225	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	88032	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.337	65	136418	17.743	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.960%
7) Chloroethane-d5	2.873	69	101252	19.741	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.960%
11) 1,1-Dichloroethene-d2	4.001	63	81020	12.941	ug/L	-0.02
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.760%
21) 2-Butanone-d5	7.074	46	80361	67.386	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	134.780%
24) Chloroform-d	7.647	84	190937	21.786	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.160%
26) 1,2-Dichloroethane-d4	8.305	65	130820	24.406	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.640%
32) Benzene-d6	8.269	84	343550	24.277	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.120%
36) 1,2-Dichloropropane-d6	9.274	67	115124	27.008	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.040%
41) Toluene-d8	10.323	98	294174	20.494	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.960%
43) trans-1,3-Dichloroprop...	10.573	79	38623	19.330	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.320%
47) 2-Hexanone-d5	10.921	63	64083	71.495	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	142.980%#
56) 1,1,2,2-Tetrachloroeth...	12.689	84	126715	26.900	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.600%
66) 1,2-Dichlorobenzene-d4	13.853	152	79140	25.183	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.720%
Target Compounds						Qvalue
13) Acetone	4.117	43	22887	27.145	ug/L	96
16) Methylene chloride	4.909	84	19196	4.078	ug/L	90
25) Chloroform	7.671	83	5942	0.722	ug/L	88
34) Trichloroethene	9.092	95	4394	1.076	ug/L	91
39) cis-1,3-Dichloropropene	10.030	75	3737	0.639	ug/L	86
46) Tetrachloroethene	10.860	164	28592	9.052	ug/L	90
49) Dibromochloromethane	10.860	129	25343	6.444	ug/L #	11

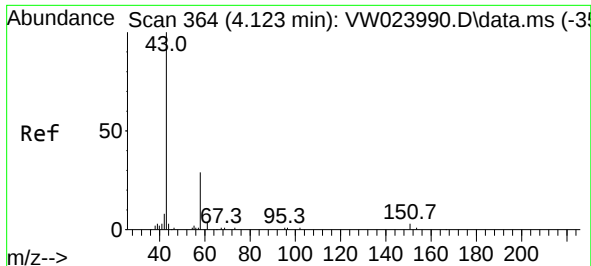
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Fri Jul 22 23:08:43 2022
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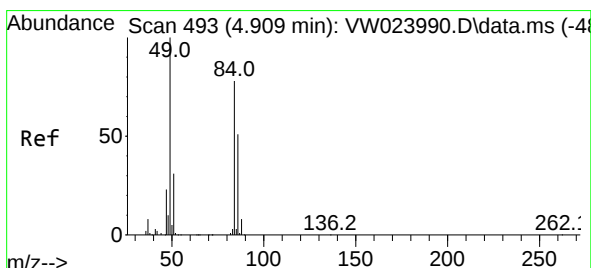
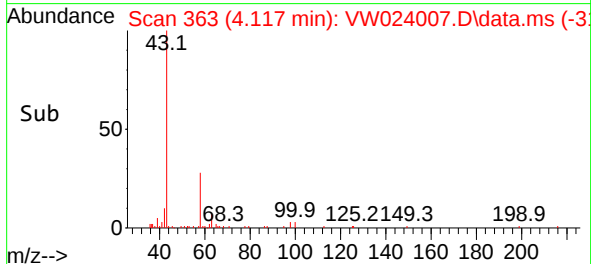
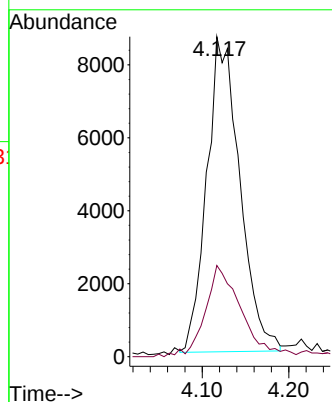
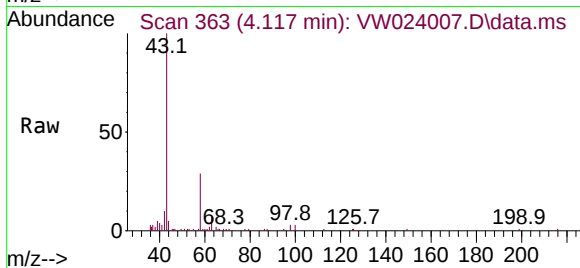




#13
Acetone
Concen: 27.145 ug/L
RT: 4.117 min Scan# 30
Delta R.T. -0.006 min
Lab File: VW024007.D
Acq: 22 Jul 2022 15:10

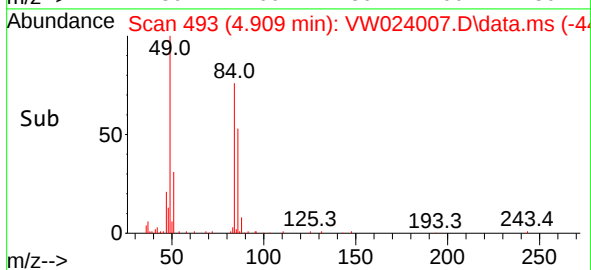
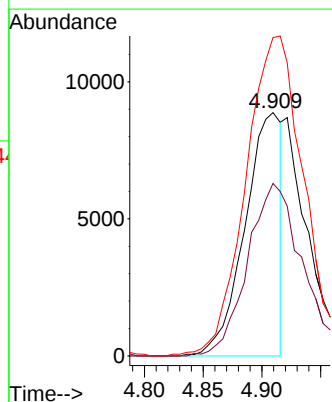
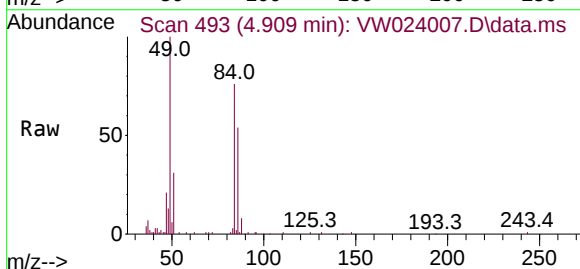
Instrument :
MSVOA_W
ClientSampleId :

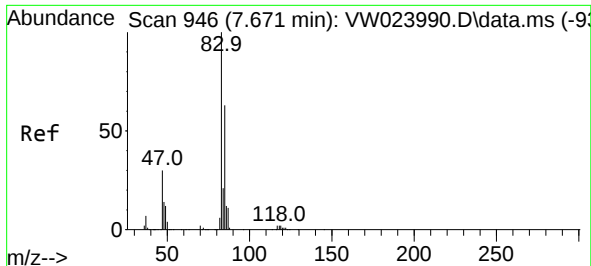
Tgt Ion: 43 Resp: 22887
Ion Ratio Lower Upper
43 100
58 29.6 0.0 64.2



#16
Methylene chloride
Concen: 4.078 ug/L
RT: 4.909 min Scan# 493
Delta R.T. 0.000 min
Lab File: VW024007.D
Acq: 22 Jul 2022 15:10

Tgt Ion: 84 Resp: 19196
Ion Ratio Lower Upper
84 100
86 70.9 42.8 79.6
49 130.9 85.4 158.6

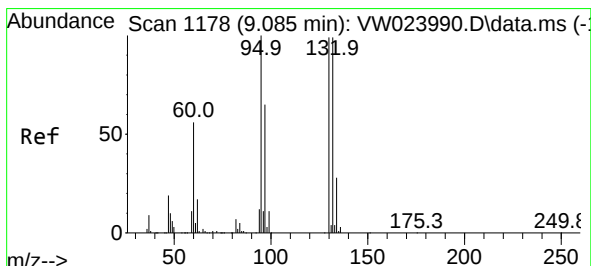
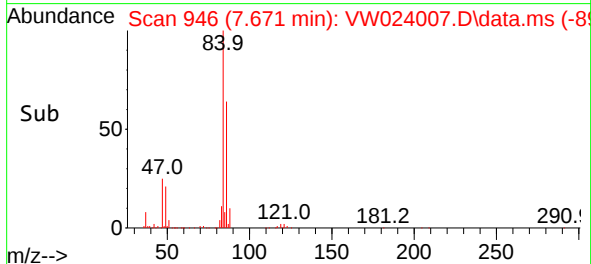
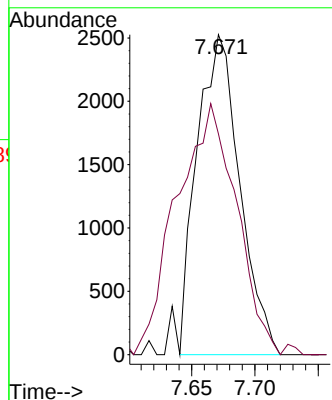
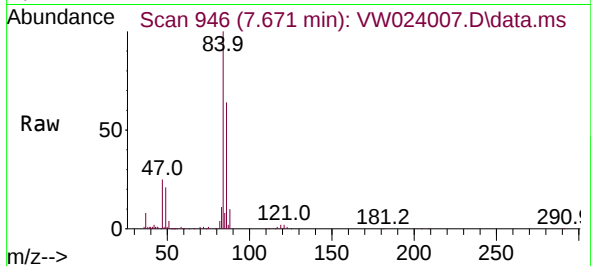




#25
Chloroform
Concen: 0.722 ug/L
RT: 7.671 min Scan# 946
Delta R.T. 0.000 min
Lab File: VW024007.D
Acq: 22 Jul 2022 15:10

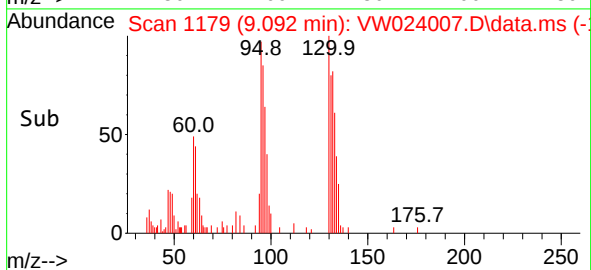
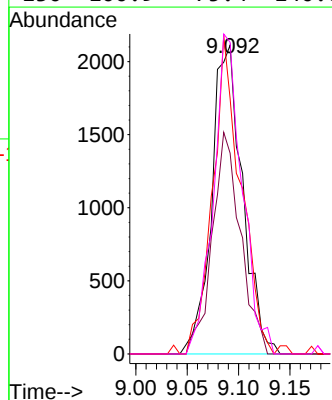
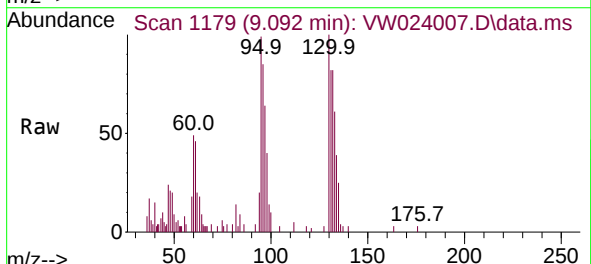
Instrument :
MSVOA_W
ClientSampleId :

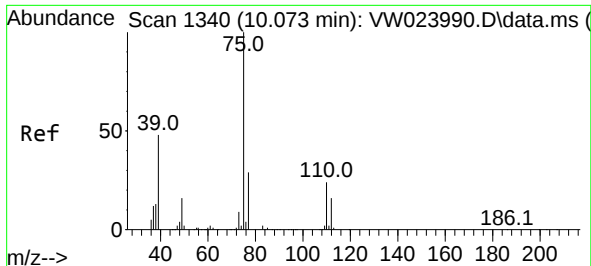
Tgt Ion: 83 Resp: 5942
Ion Ratio Lower Upper
83 100
85 69.0 41.9 77.9



#34
Trichloroethene
Concen: 1.076 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.006 min
Lab File: VW024007.D
Acq: 22 Jul 2022 15:10

Tgt Ion: 95 Resp: 4394
Ion Ratio Lower Upper
95 100
97 65.1 45.6 84.8
132 82.7 69.9 129.7
130 100.9 75.4 140.0





#39

cis-1,3-Dichloropropene

Concen: 0.639 ug/L

RT: 10.030 min Scan# 11

Delta R.T. -0.043 min

Lab File: VW024007.D

Acq: 22 Jul 2022 15:10

Instrument :

MSVOA_W

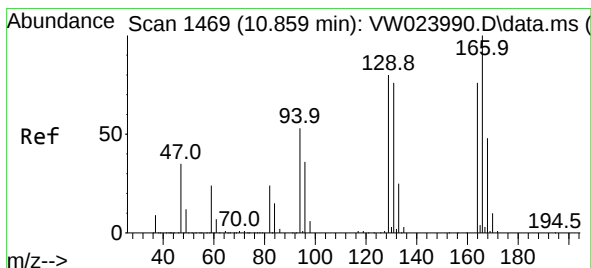
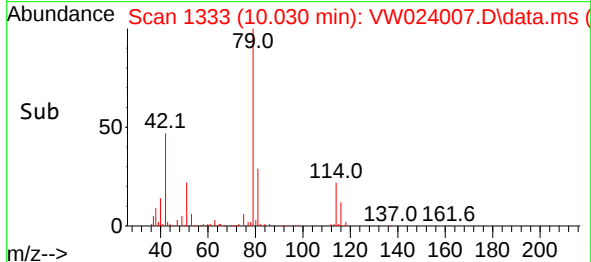
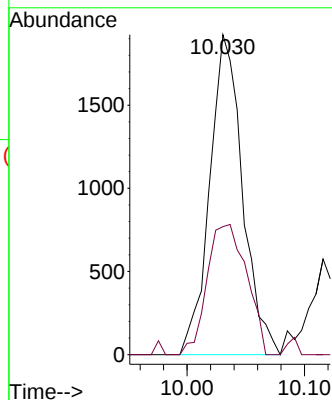
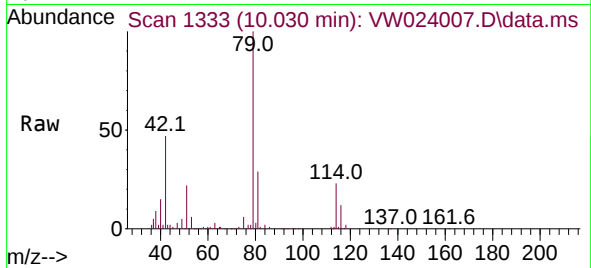
ClientSampleId :

Tgt Ion: 75 Resp: 3737

Ion Ratio Lower Upper

75 100

77 40.0 22.5 41.9



#46

Tetrachloroethene

Concen: 9.052 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. 0.000 min

Lab File: VW024007.D

Acq: 22 Jul 2022 15:10

Tgt Ion:164 Resp: 28592

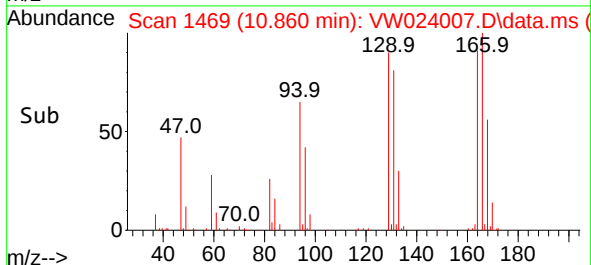
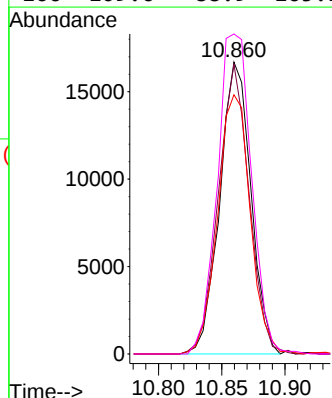
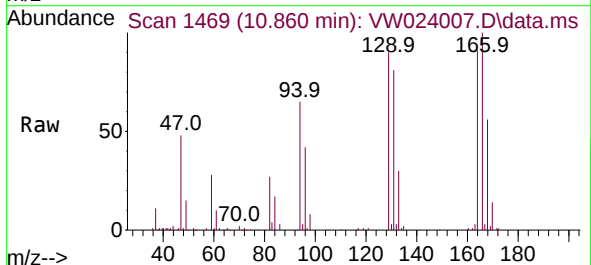
Ion Ratio Lower Upper

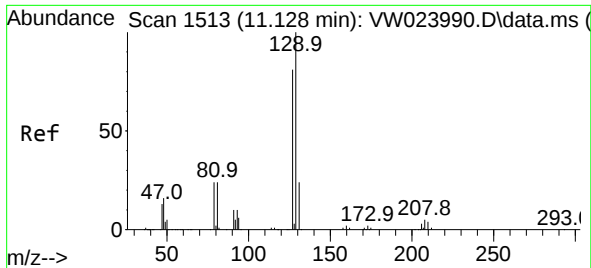
164 100

129 99.1 72.4 134.5

131 88.8 67.8 125.8

166 109.6 88.9 165.1





#49

Dibromochloromethane

Concen: 6.444 ug/L

RT: 10.860 min Scan# 14

Delta R.T. -0.268 min

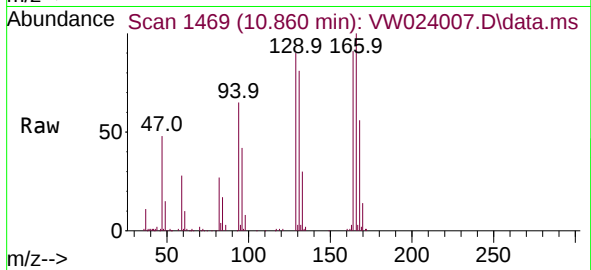
Lab File: VW024007.D

Acq: 22 Jul 2022 15:10

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:129 Resp: 25343

Ion Ratio Lower Upper

129 100

127 0.0 53.7 99.7#

