

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091423\
 Data File : VW027109.D
 Acq On : 14 Sep 2023 17:51
 Operator : SY/MD
 Sample : 04417-15RE
 Misc : 4.82g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 15 00:17:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Sep 09 02:59:49 2023
 Response via : Initial Calibration

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

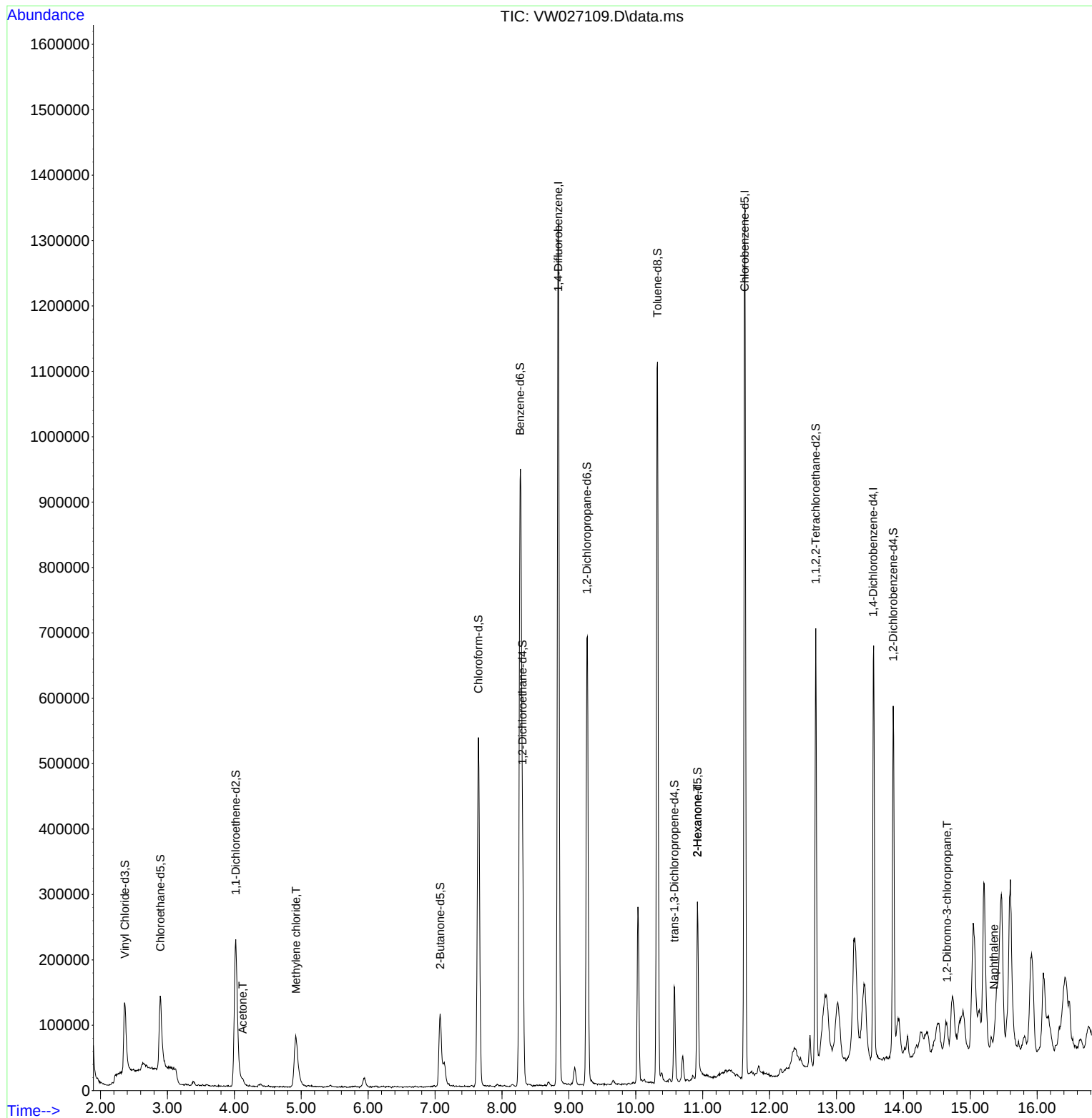
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	1184204	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	786214	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	180511	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	190461	9.002	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	36.000%
7) Chloroethane-d5	2.893	69	191248	11.200	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	44.800%
11) 1,1-Dichloroethene-d2	4.021	65	87664	11.243	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	44.960%#
21) 2-Butanone-d5	7.075	46	187579	46.015	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.020%
24) Chloroform-d	7.648	84	563778	15.999	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	64.000%
26) 1,2-Dichloroethane-d4	8.307	65	283299	15.296	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	61.200%#
32) Benzene-d6	8.270	84	1068183	20.714	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.840%
36) 1,2-Dichloropropane-d6	9.270	67	353256	23.333	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.320%
41) Toluene-d8	10.325	98	785855	16.832	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	67.320%
43) trans-1,3-Dichloroprop...	10.575	79	86776	14.770	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	59.080%
47) 2-Hexanone-d5	10.922	63	99600	70.468	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	140.940%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	332998	28.343	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.360%
66) 1,2-Dichlorobenzene-d4	13.849	152	152723	24.462	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.840%
Target Compounds					Qvalue	
13) Acetone	4.125	43	12901	3.614	ug/L	91
16) Methylene chloride	4.923	84	83613	3.645	ug/L	88
48) 2-Hexanone	10.922	43	10657	2.207	ug/L #	64
68) 1,2-Dibromo-3-chloropr...	14.653	75	1499	1.914	ug/L	94
71) Naphthalene	15.354	128	11441	1.016	ug/L #	83

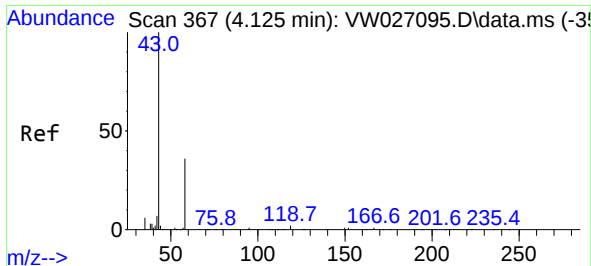
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Sep 09 02:59:49 2023
Response via : Initial Calibration

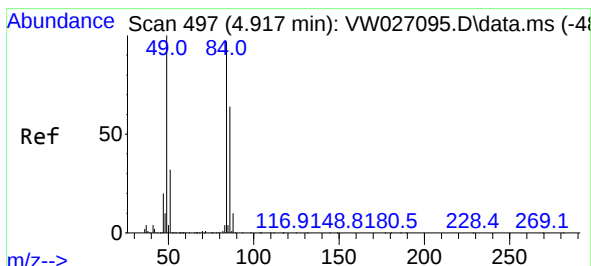
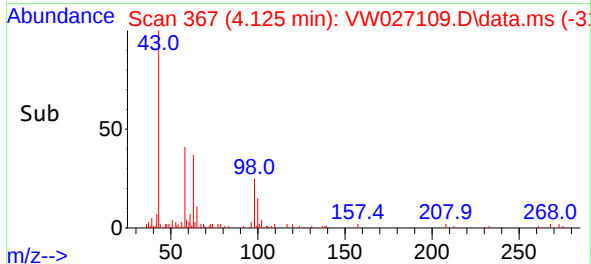
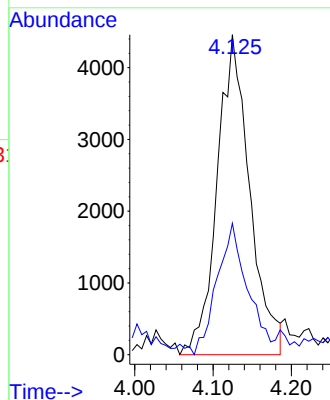
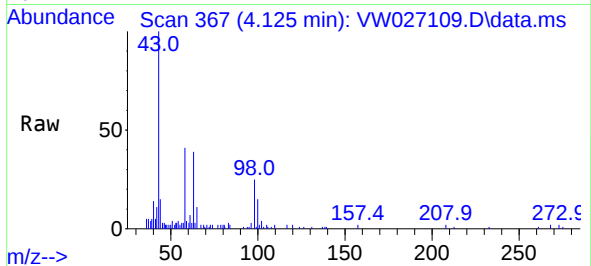




#13
Acetone
Concen: 3.614 ug/L
RT: 4.125 min Scan# 367
Delta R.T. 0.006 min
Lab File: VW027109.D
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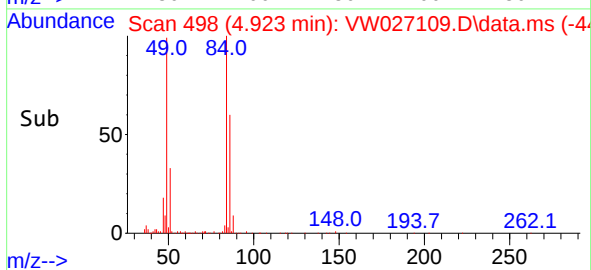
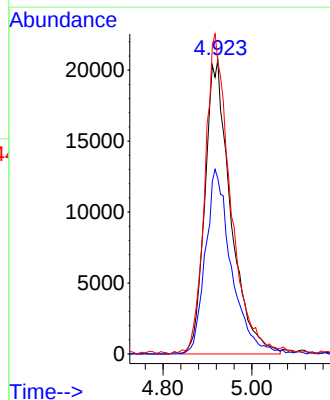
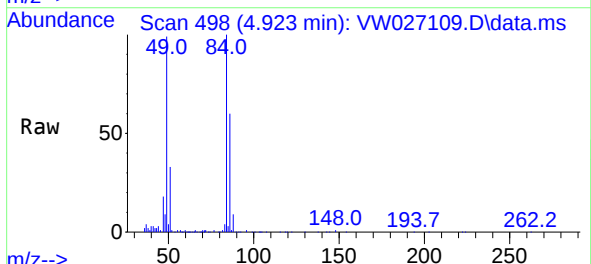
Instrument :
MSVOA_W
ClientSampleId :

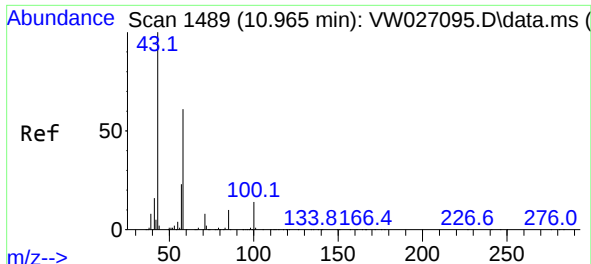
Tgt Ion: 43 Resp: 12901
Ion Ratio Lower Upper
43 100
58 38.4 0.0 66.4



#16
Methylene chloride
Concen: 3.645 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.000 min
Lab File: VW027109.D
Acq: 14 Sep 2023 17:51

Tgt Ion: 84 Resp: 83613
Ion Ratio Lower Upper
84 100
86 59.7 44.1 81.9
49 99.4 82.1 152.5





#48

2-Hexanone

Concen: 2.207 ug/L

RT: 10.922 min Scan# 1482

Delta R.T. -0.043 min

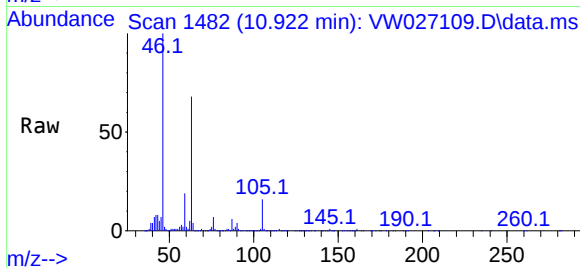
Lab File: VW027109.D

Acq: 14 Sep 2023 17:51

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 10657

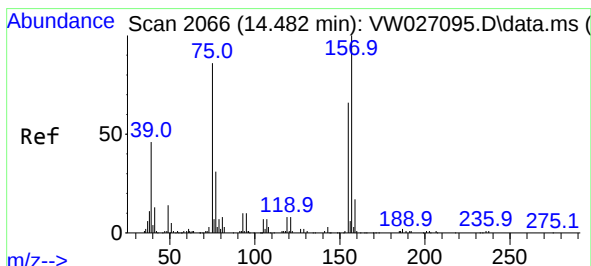
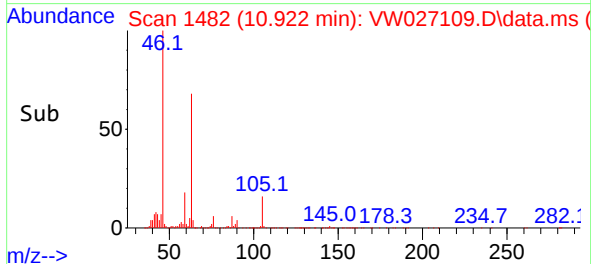
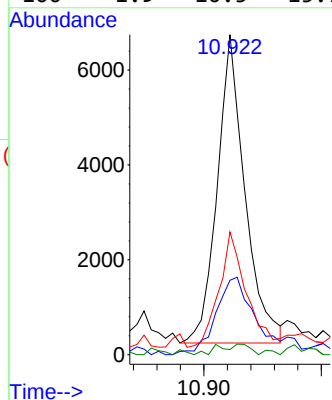
Ion Ratio Lower Upper

43 100

58 31.5 47.5 71.3#

57 36.4 15.2 22.8#

100 1.9 10.5 15.7#



#68

1,2-Dibromo-3-chloropropane

Concen: 1.914 ug/L

RT: 14.653 min Scan# 2094

Delta R.T. 0.171 min

Lab File: VW027109.D

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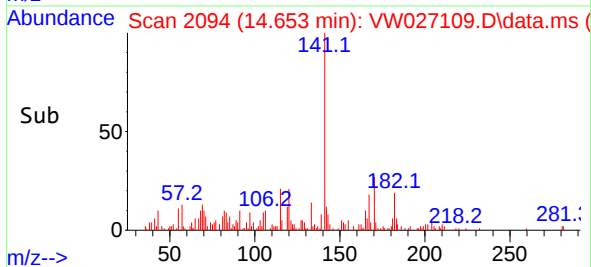
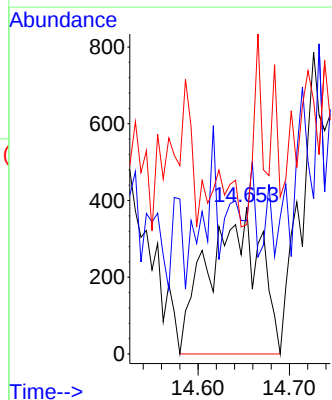
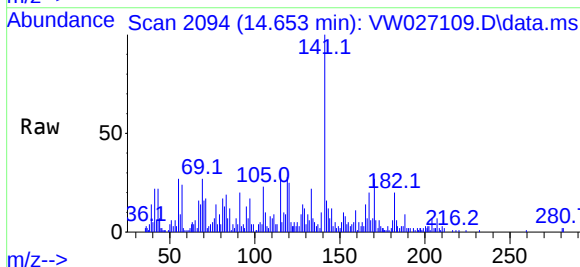
Tgt Ion: 75 Resp: 1499

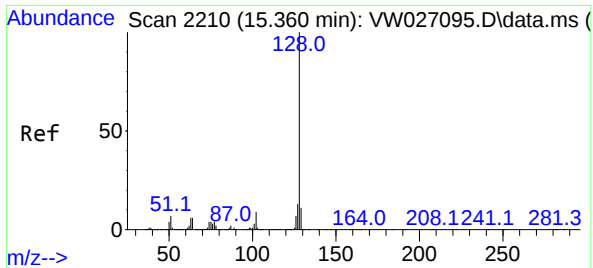
Ion Ratio Lower Upper

75 100

155 90.8 65.9 98.9

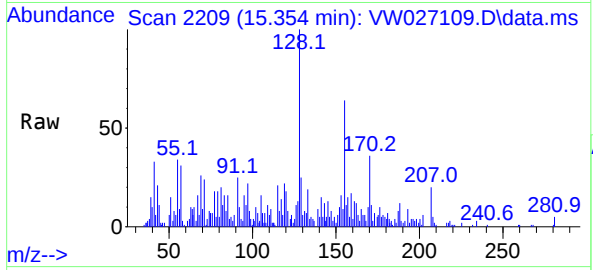
157 88.2 68.7 103.1





#71
Naphthalene
Concen: 1.016 ug/L
RT: 15.354 min Scan# 21
Delta R.T. -0.006 min
Lab File: VW027109.D
Acq: 14 Sep 2023 17:51

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:128 Resp: 11441
Ion Ratio Lower Upper
128 100
127 2.3 10.9 16.3#
129 12.8 8.9 13.3

