

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030624\
 Data File : VW028114.D
 Acq On : 06 Mar 2024 15:21
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 07 00:18:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Mar 07 00:15:30 2024
 Response via : Initial Calibration

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

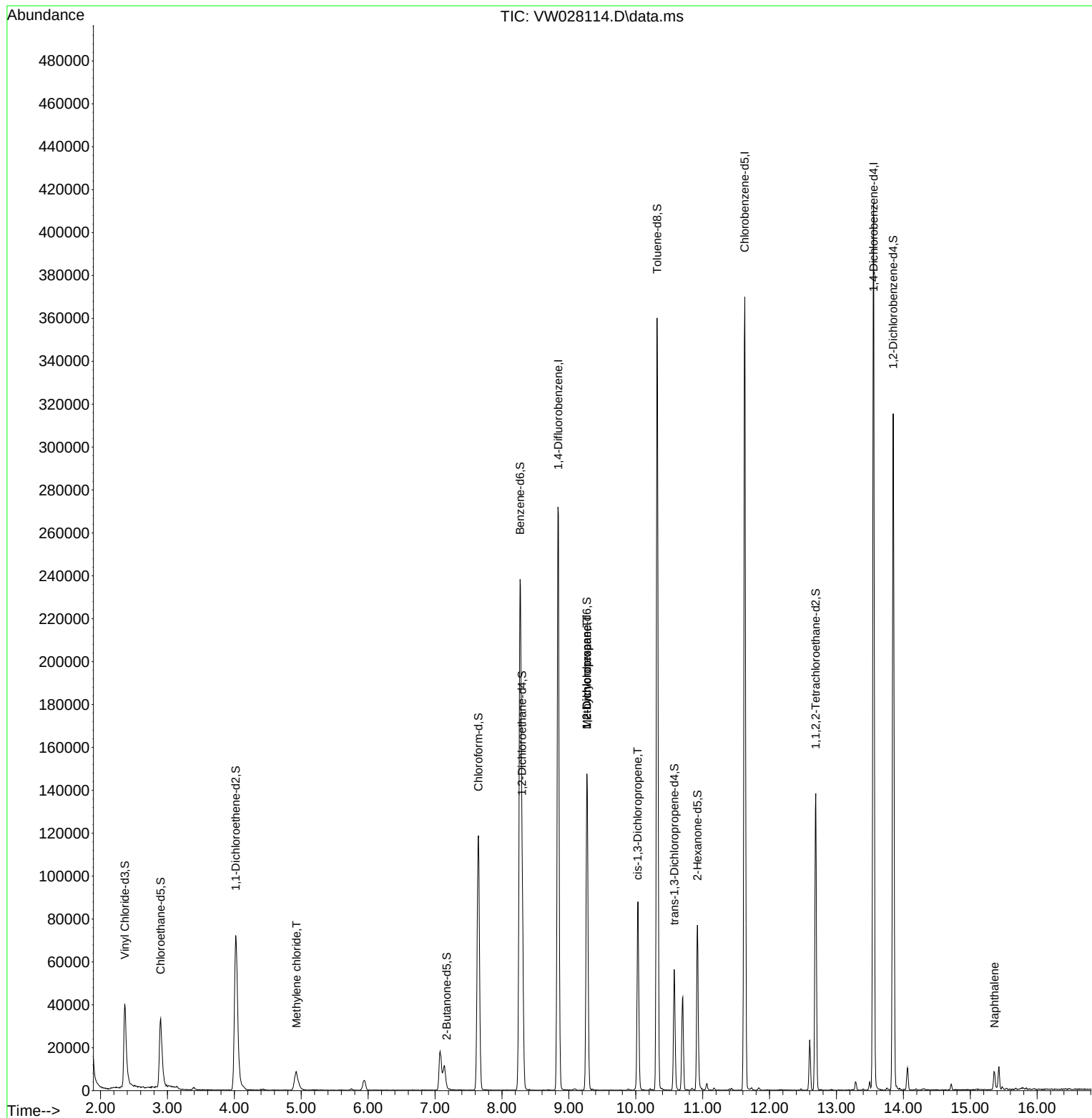
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	246432	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	222270	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	111700	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	65956	22.421	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.680%
7) Chloroethane-d5	2.899	69	54147	23.761	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.040%
11) 1,1-Dichloroethene-d2	4.021	65	28363	23.604	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.400%
21) 2-Butanone-d5	7.173	46	110	0.262	ug/L	0.10
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.520%#
24) Chloroform-d	7.648	84	128499	24.619	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.480%
26) 1,2-Dichloroethane-d4	8.301	65	69652	28.673	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	114.680%
32) Benzene-d6	8.270	84	266078	25.643	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.560%
36) 1,2-Dichloropropane-d6	9.270	67	69950	26.092	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.360%
41) Toluene-d8	10.319	98	252965	25.870	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.480%
43) trans-1,3-Dichloroprop...	10.575	79	32971	28.065	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	112.280%
47) 2-Hexanone-d5	10.922	63	28239	74.783	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	149.560%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	67285	31.800	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	127.200%#
66) 1,2-Dichlorobenzene-d4	13.849	152	87471	26.331	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.320%
Target Compounds						
					Qvalue	
16) Methylene chloride	4.929	84	9214	2.718	ug/L	93
35) Methylcyclohexane	9.270	83	18687	3.282	ug/L #	22
37) 1,2-Dichloropropane	9.270	63	8172	2.922	ug/L #	85
39) cis-1,3-Dichloropropene	10.026	75	2424	0.527	ug/L #	75
71) Naphthalene	15.360	128	8066	1.175	ug/L	98

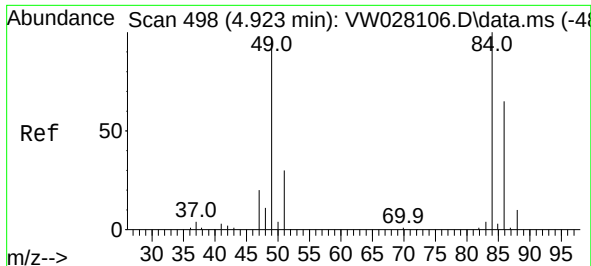
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Thu Mar 07 00:15:30 2024
Response via : Initial Calibration





#16

Methylene chloride

Concen: 2.718 ug/L

RT: 4.929 min Scan# 498

Delta R.T. 0.006 min

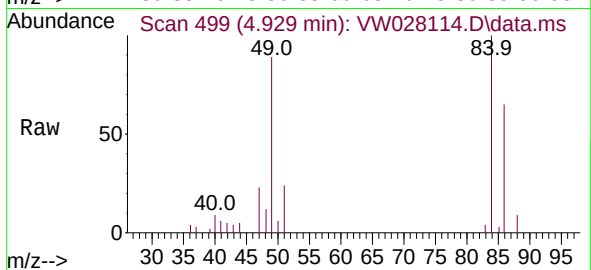
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Instrument :

MSVOA_W

ClientSampleId :



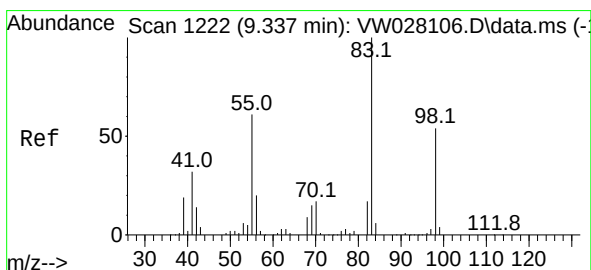
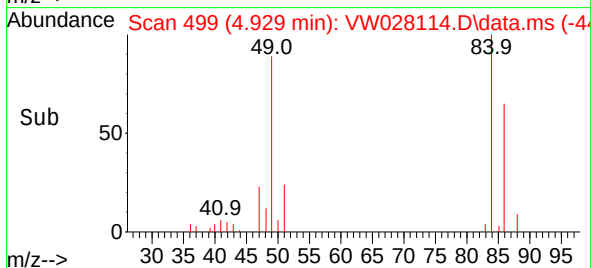
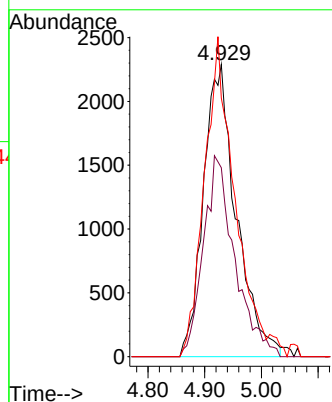
Tgt Ion: 84 Resp: 9214

Ion Ratio Lower Upper

84 100

86 64.7 41.2 76.6

49 88.5 66.5 123.5



#35

Methylcyclohexane

Concen: 3.282 ug/L

RT: 9.270 min Scan# 1211

Delta R.T. -0.067 min

Lab File: VW028114.D

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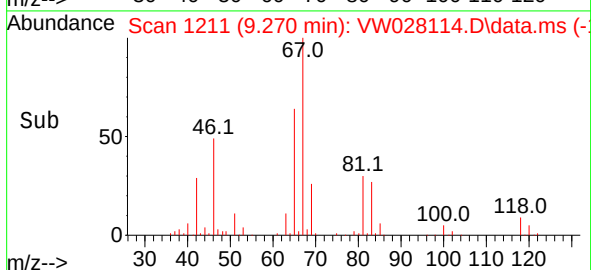
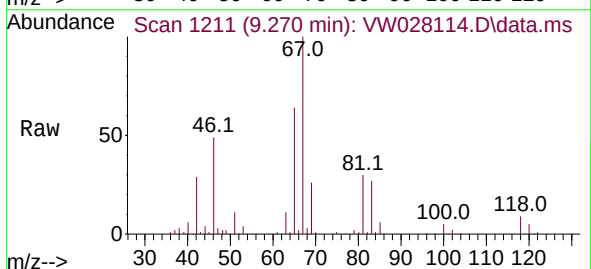
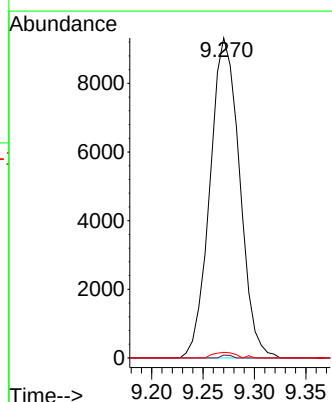
Tgt Ion: 83 Resp: 18687

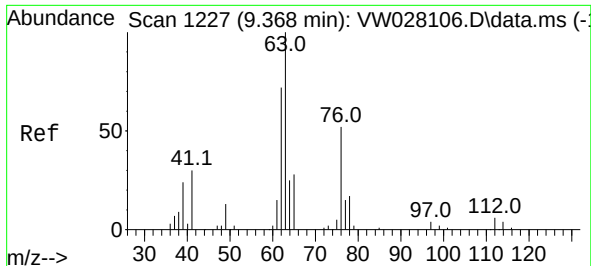
Ion Ratio Lower Upper

83 100

55 0.3 52.1 78.1#

98 1.3 42.2 63.4#





#37

1,2-Dichloropropane

Concen: 2.922 ug/L

RT: 9.270 min Scan# 11

Delta R.T. -0.098 min

Lab File: VW028114.D

Acq: 06 Mar 2024 15:21

Instrument :

MSVOA_W

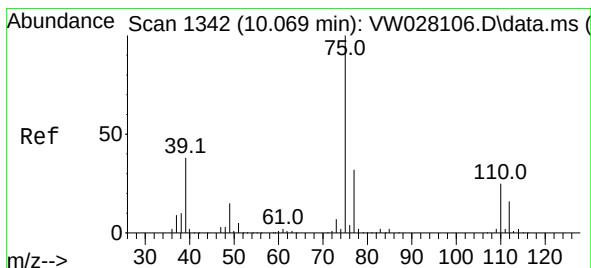
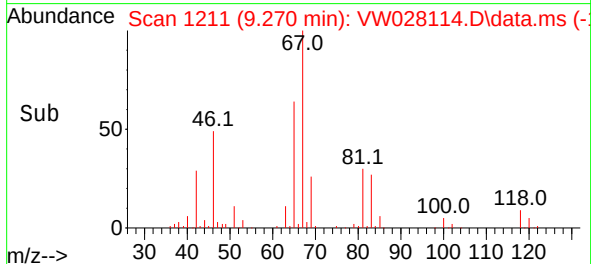
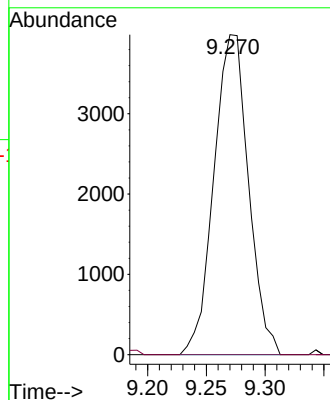
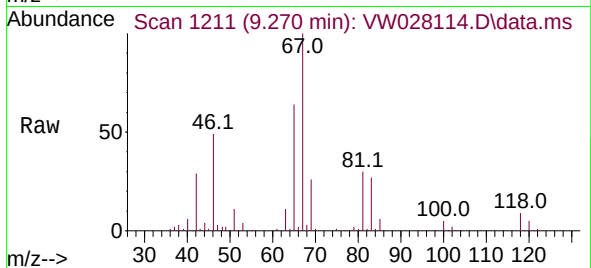
ClientSampleId :

Tgt Ion: 63 Resp: 8172

Ion Ratio Lower Upper

63 100

112 0.5 4.4 6.6#



#39

cis-1,3-Dichloropropene

Concen: 0.527 ug/L

RT: 10.026 min Scan# 1335

Delta R.T. -0.043 min

Lab File: VW028114.D

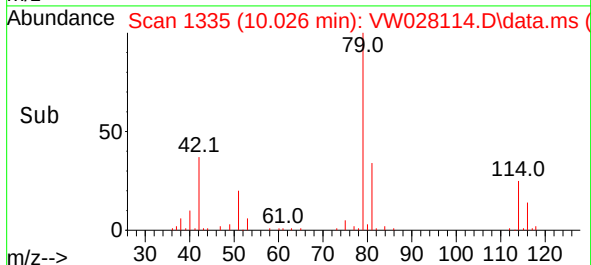
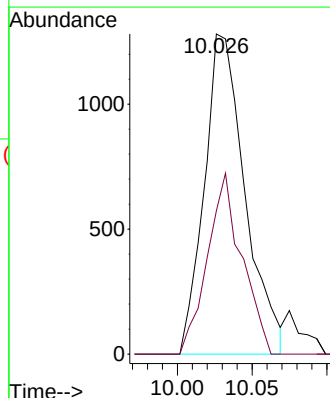
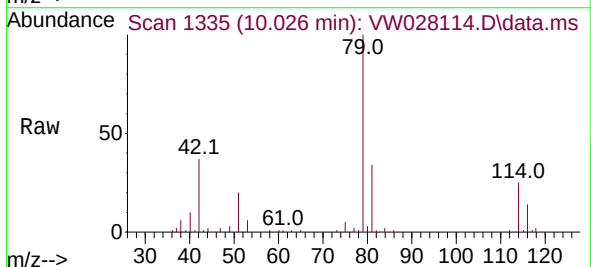
Acq: 06 Mar 2024 15:21

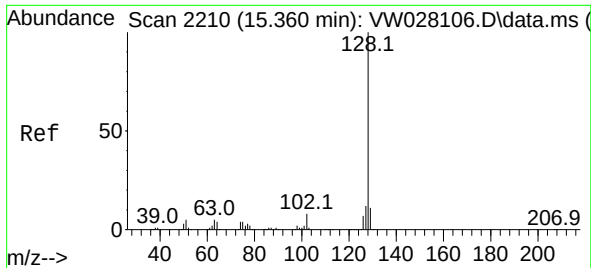
Tgt Ion: 75 Resp: 2424

Ion Ratio Lower Upper

75 100

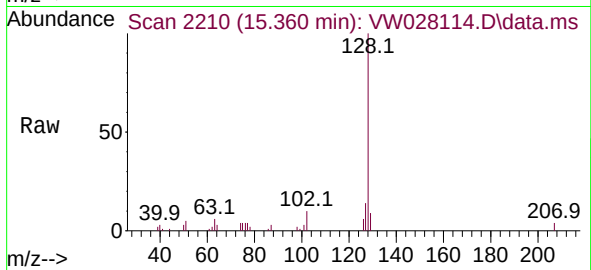
77 44.7 21.7 40.3#





#71
Naphthalene
Concen: 1.175 ug/L
RT: 15.360 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW028114.D
Acq: 06 Mar 2024 15:21

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:128 Resp: 8066
Ion Ratio Lower Upper
128 100
127 14.2 10.4 15.6
129 10.4 8.6 13.0

