

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022124\
 Data File : VW028046.D
 Acq On : 21 Feb 2024 14:38
 Operator : SY/MD
 Sample : VW0221SBL01
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 21 23:35:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020524SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Feb 21 23:34:58 2024
 Response via : Initial Calibration

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

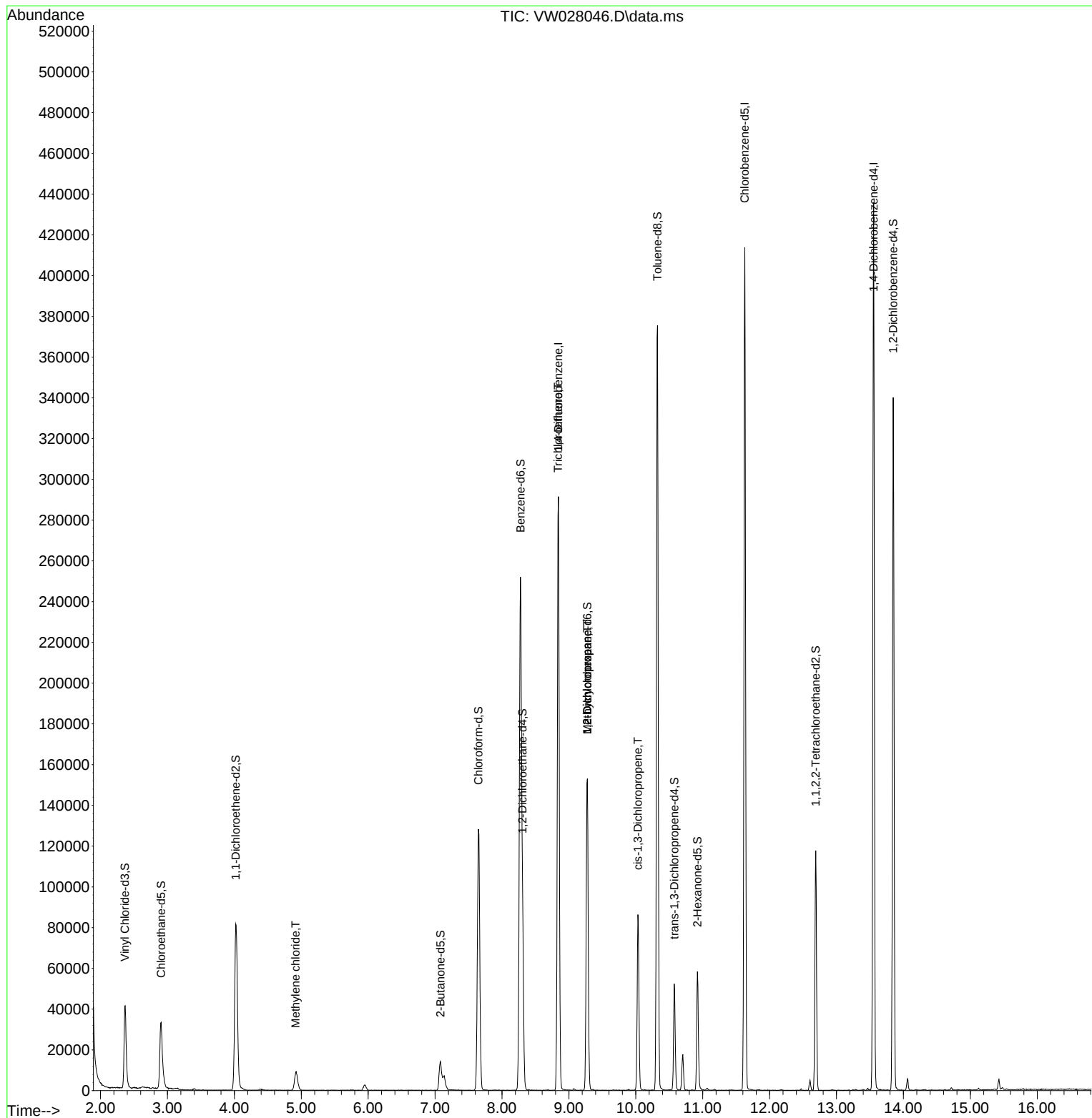
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	273191	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	251078	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	125291	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	55888	17.467	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	69.880%		
7) Chloroethane-d5	2.905	69	51817	21.351	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	85.400%		
11) 1,1-Dichloroethene-d2	4.021	65	26643	19.460	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	77.840%		
21) 2-Butanone-d5	7.081	46	23997	48.268	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	96.540%		
24) Chloroform-d	7.648	84	139599	21.854	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	87.400%		
26) 1,2-Dichloroethane-d4	8.307	65	65063	22.552	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	90.200%		
32) Benzene-d6	8.276	84	280120	20.853	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	83.400%		
36) 1,2-Dichloropropane-d6	9.276	67	76291	20.946	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	83.800%		
41) Toluene-d8	10.325	98	268744	20.909	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	83.640%		
43) trans-1,3-Dichloroprop...	10.575	79	30921	20.643	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	82.560%		
47) 2-Hexanone-d5	10.922	63	21608	43.615	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	87.240%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	59017	21.679	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	86.720%		
66) 1,2-Dichlorobenzene-d4	13.848	152	93888	22.047	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	88.200%		
Target Compounds						Qvalue
16) Methylene chloride	4.917	84	8601	2.519	ug/L	95
34) Trichloroethene	8.837	95	7827	2.174	ug/L #	4
35) Methylcyclohexane	9.276	83	20076	3.389	ug/L #	22
37) 1,2-Dichloropropane	9.276	63	8337	2.829	ug/L #	84
39) cis-1,3-Dichloropropene	10.032	75	2240	0.474	ug/L #	60

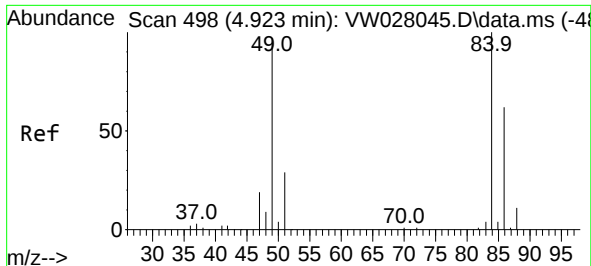
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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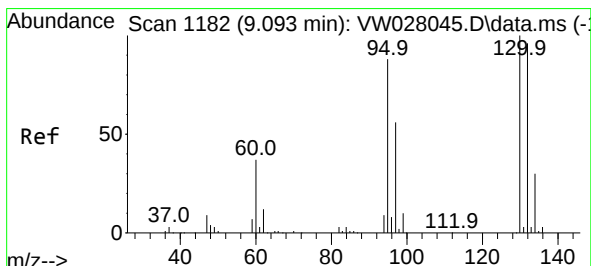
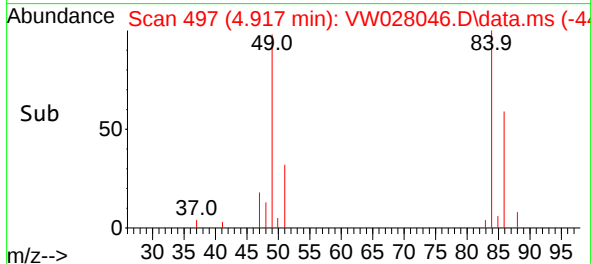
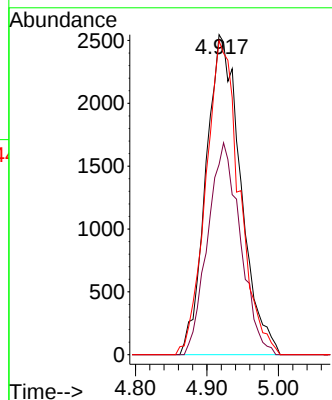
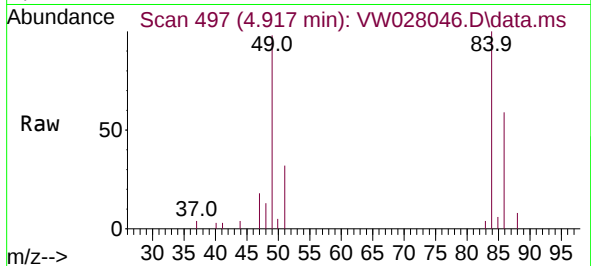




#16
Methylene chloride
Concen: 2.519 ug/L
RT: 4.917 min Scan# 49
Delta R.T. -0.006 min
Lab File: VW028046.D
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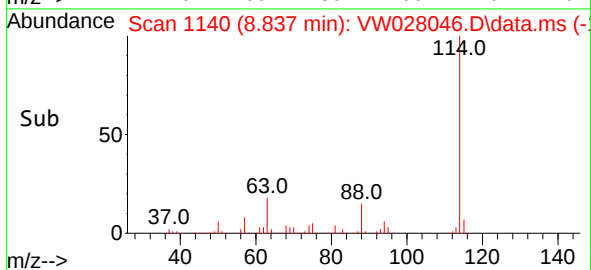
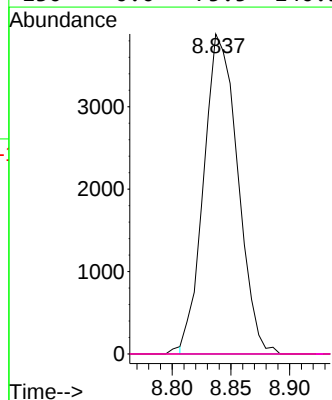
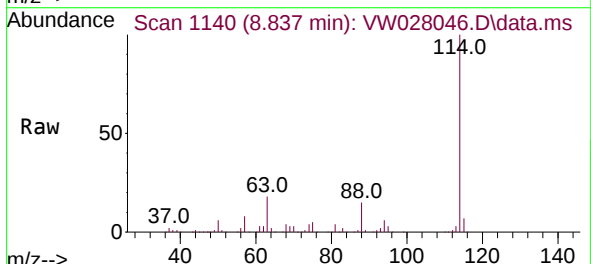
Instrument :
MSVOA_W
ClientSampleId :

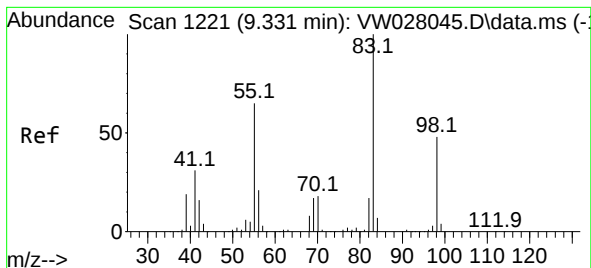
Tgt Ion: 84 Resp: 8601
Ion Ratio Lower Upper
84 100
86 59.5 45.4 84.4
49 98.1 66.3 123.1



#34
Trichloroethene
Concen: 2.174 ug/L
RT: 8.837 min Scan# 1140
Delta R.T. -0.256 min
Lab File: VW028046.D
Acq: 21 Feb 2024 14:38

Tgt Ion: 95 Resp: 7827
Ion Ratio Lower Upper
95 100
97 0.0 44.3 82.3#
132 0.0 68.0 126.2#
130 0.0 75.5 140.3#





#35

Methylcyclohexane

Concen: 3.389 ug/L

RT: 9.276 min Scan# 1212

Delta R.T. -0.055 min

Lab File: VW028046.D

Acq: 21 Feb 2024 14:38

Instrument :

MSVOA_W

ClientSampleId :

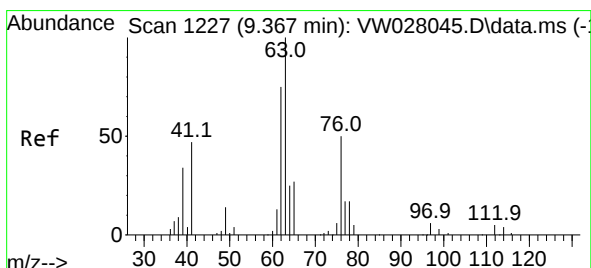
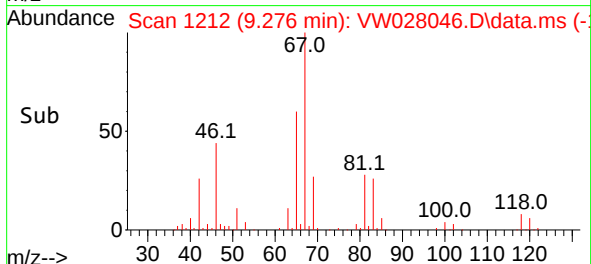
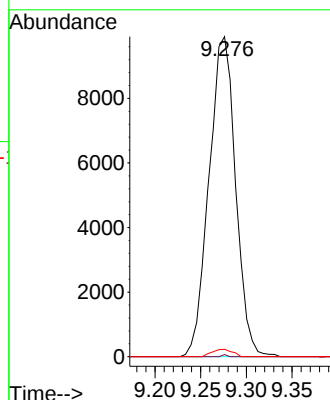
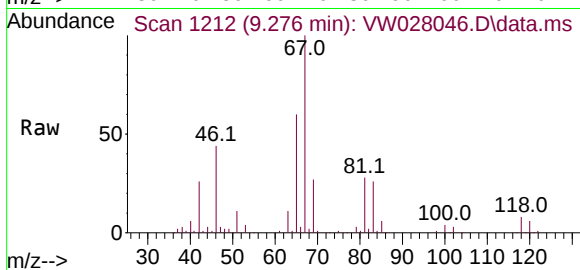
Tgt Ion: 83 Resp: 20076

Ion Ratio Lower Upper

83 100

55 0.0 52.3 78.5#

98 1.8 41.9 62.9#



#37

1,2-Dichloropropane

Concen: 2.829 ug/L

RT: 9.276 min Scan# 1212

Delta R.T. -0.091 min

Lab File: VW028046.D

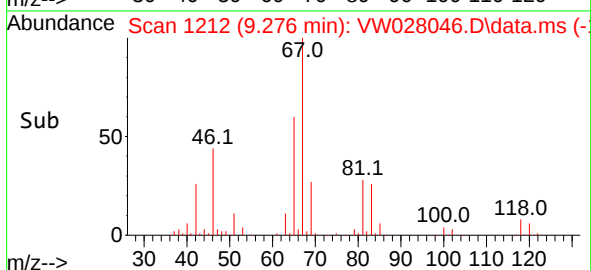
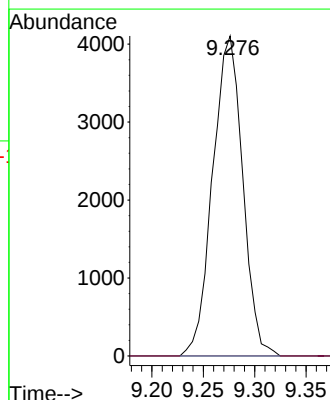
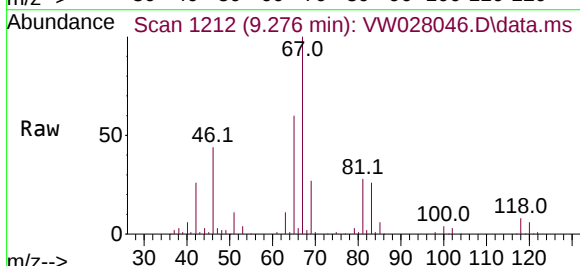
Acq: 21 Feb 2024 14:38

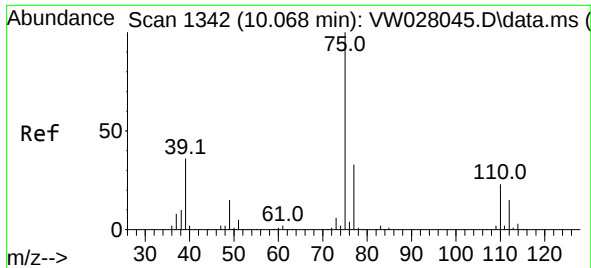
Tgt Ion: 63 Resp: 8337

Ion Ratio Lower Upper

63 100

112 0.0 4.2 6.2#





#39

cis-1,3-Dichloropropene

Concen: 0.474 ug/L

RT: 10.032 min Scan# 11

Delta R.T. -0.037 min

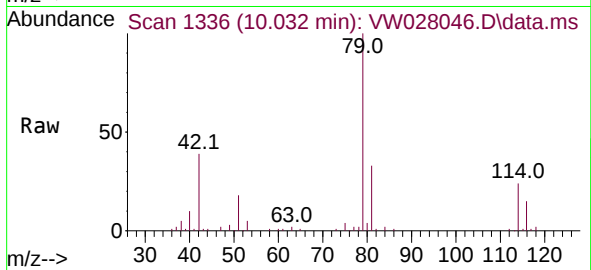
Lab File: VW028046.D

Acq: 21 Feb 2024 14:38

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 75 Resp: 2240

Ion Ratio Lower Upper

75 100

77 54.2 22.4 41.6#

