

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021624\
 Data File : VW028028.D
 Acq On : 16 Feb 2024 10:18
 Operator : SY/MD
 Sample : VW0216SBL01
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 18 23:52:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020524SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sun Feb 18 23:52:23 2024
 Response via : Initial Calibration

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

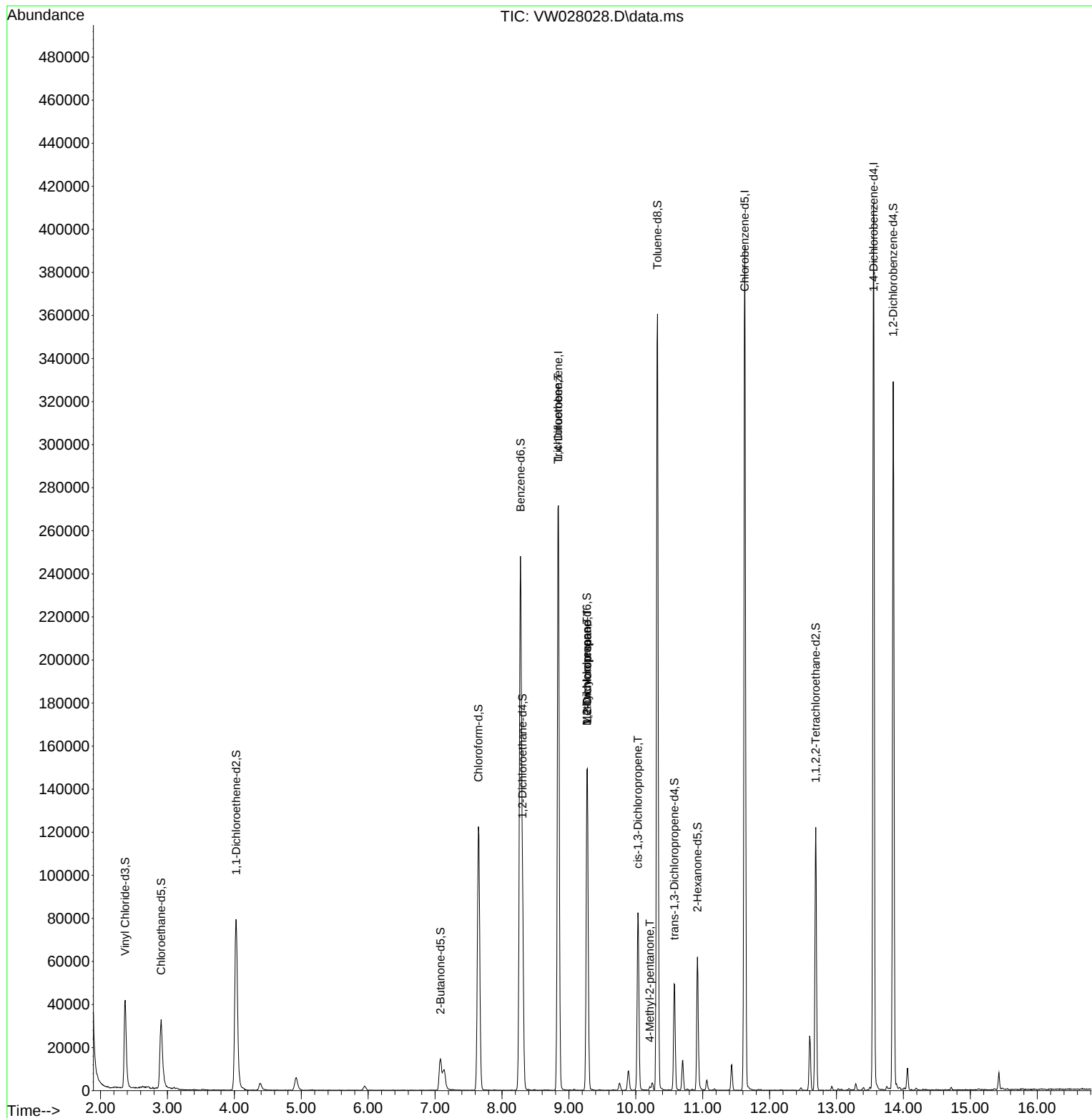
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	253473	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	232015	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	112714	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	57284	19.296	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.200%
7) Chloroethane-d5	2.905	69	51106	22.696	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.800%
11) 1,1-Dichloroethene-d2	4.027	65	26154	20.589	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.360%
21) 2-Butanone-d5	7.081	46	25045	54.294	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.580%
24) Chloroform-d	7.648	84	134241	22.650	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.600%
26) 1,2-Dichloroethane-d4	8.307	65	64936	24.259	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.040%
32) Benzene-d6	8.276	84	274095	22.081	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.320%
36) 1,2-Dichloropropane-d6	9.270	67	74377	22.098	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.400%
41) Toluene-d8	10.325	98	258868	21.795	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.200%
43) trans-1,3-Dichloroprop...	10.575	79	30221	21.834	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.320%
47) 2-Hexanone-d5	10.922	63	22465	49.071	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.140%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	60329	23.982	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.920%
66) 1,2-Dichlorobenzene-d4	13.848	152	92588	24.168	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.680%
Target Compounds						
					Qvalue	
34) Trichloroethene	8.837	95	7548	2.269	ug/L #	4
35) Methylcyclohexane	9.270	83	19545	3.570	ug/L #	22
37) 1,2-Dichloropropane	9.276	63	8229	3.022	ug/L #	84
39) cis-1,3-Dichloropropene	10.032	75	2079	0.476	ug/L #	37
40) 4-Methyl-2-pentanone	10.209	43	937	0.912	ug/L #	88

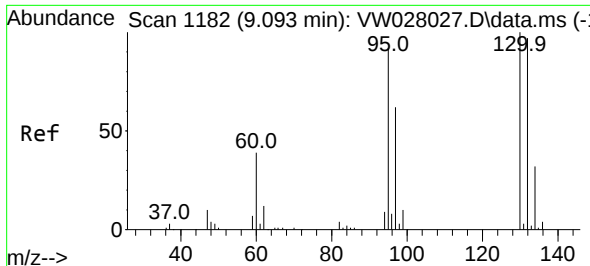
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020524SMA.M
Quant Title : SFAM01.0
QLast Update : Sun Feb 18 23:52:23 2024
Response via : Initial Calibration





#34

Trichloroethene

Concen: 2.269 ug/L

RT: 8.837 min Scan# 1114

Delta R.T. -0.256 min

Lab File: VW028028.D

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Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 7548

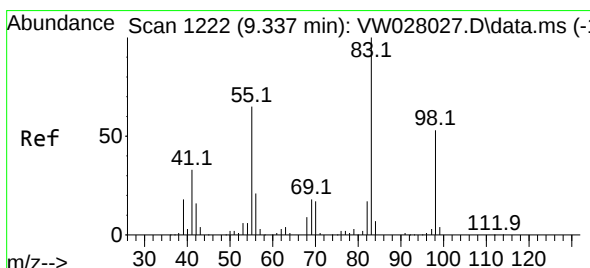
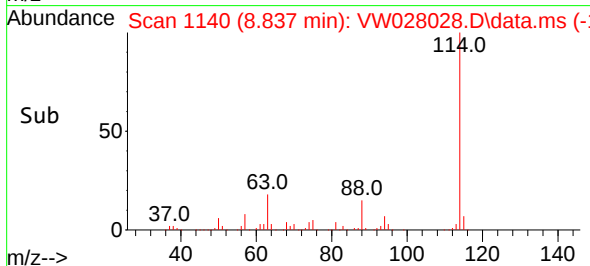
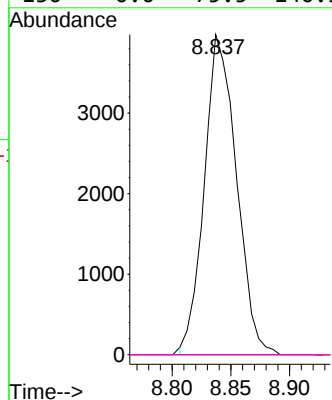
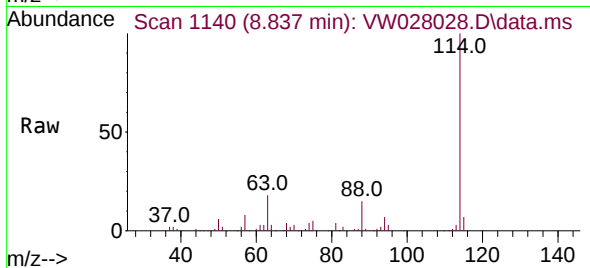
Ion Ratio Lower Upper

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: 3.570 ug/L

RT: 9.270 min Scan# 1211

Delta R.T. -0.067 min

Lab File: VW028028.D

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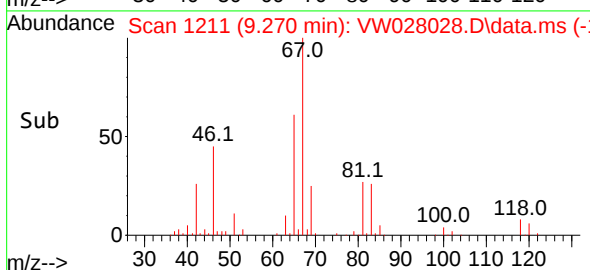
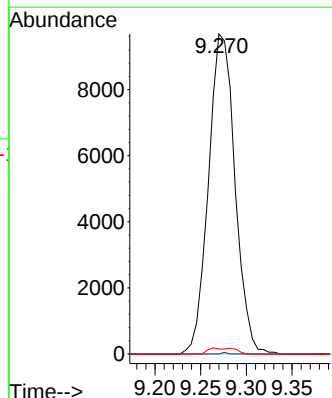
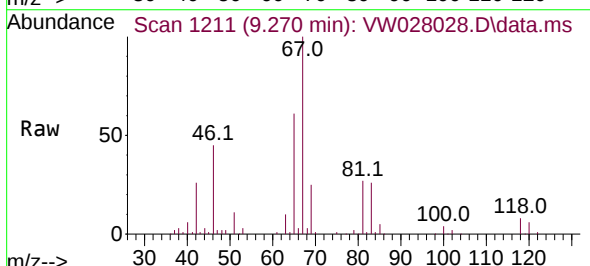
Tgt Ion: 83 Resp: 19545

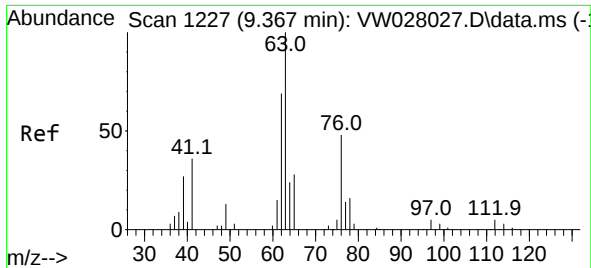
Ion Ratio Lower Upper

83 100

55 0.0 52.3 78.5#

98 1.1 41.9 62.9#





#37

1,2-Dichloropropane

Concen: 3.022 ug/L

RT: 9.276 min Scan# 11

Delta R.T. -0.091 min

Lab File: VW028028.D

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Instrument :

MSVOA_W

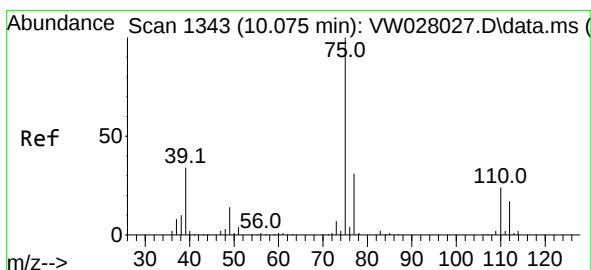
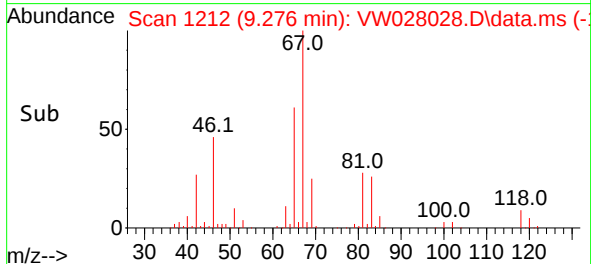
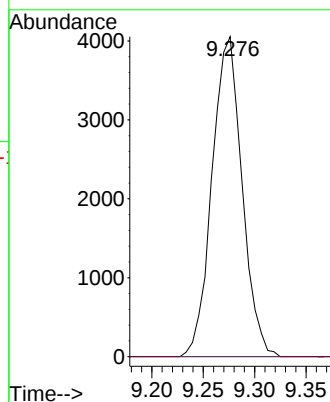
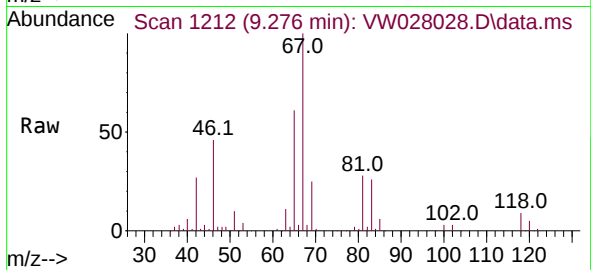
ClientSampleId :

Tgt Ion: 63 Resp: 8229

Ion Ratio Lower Upper

63 100

112 0.0 4.2 6.2#



#39

cis-1,3-Dichloropropene

Concen: 0.476 ug/L

RT: 10.032 min Scan# 1336

Delta R.T. -0.043 min

Lab File: VW028028.D

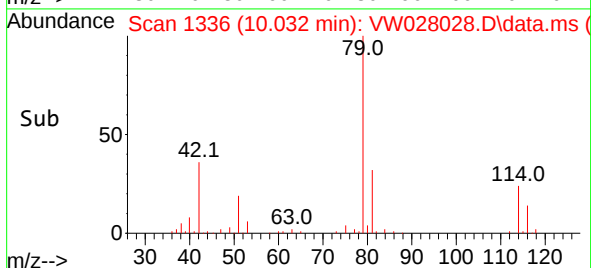
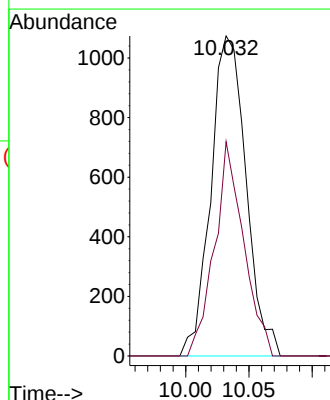
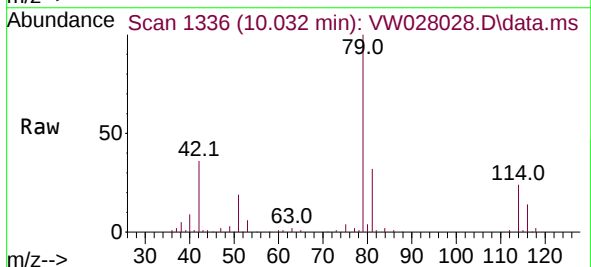
Acq: 16 Feb 2024 10:18

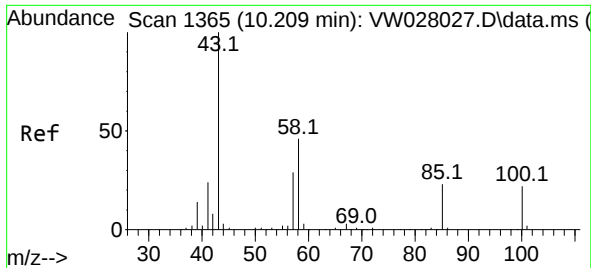
Tgt Ion: 75 Resp: 2079

Ion Ratio Lower Upper

75 100

77 66.9 22.4 41.6#





#40
 4-Methyl-2-pentanone
 Concen: 0.912 ug/L
 RT: 10.209 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW028028.D
 Acq: 16 Feb 2024 10:18

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion: 43 Resp: 937
 Ion Ratio Lower Upper
 43 100
 58 45.4 36.7 55.1
 100 6.1 18.4 27.6#

