

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021524\
 Data File : VW028022.D
 Acq On : 15 Feb 2024 16:07
 Operator : SY/MD
 Sample : P1469-13
 Misc : 5.66g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 15 20:54:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020524SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Feb 15 20:52:49 2024
 Response via : Initial Calibration

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

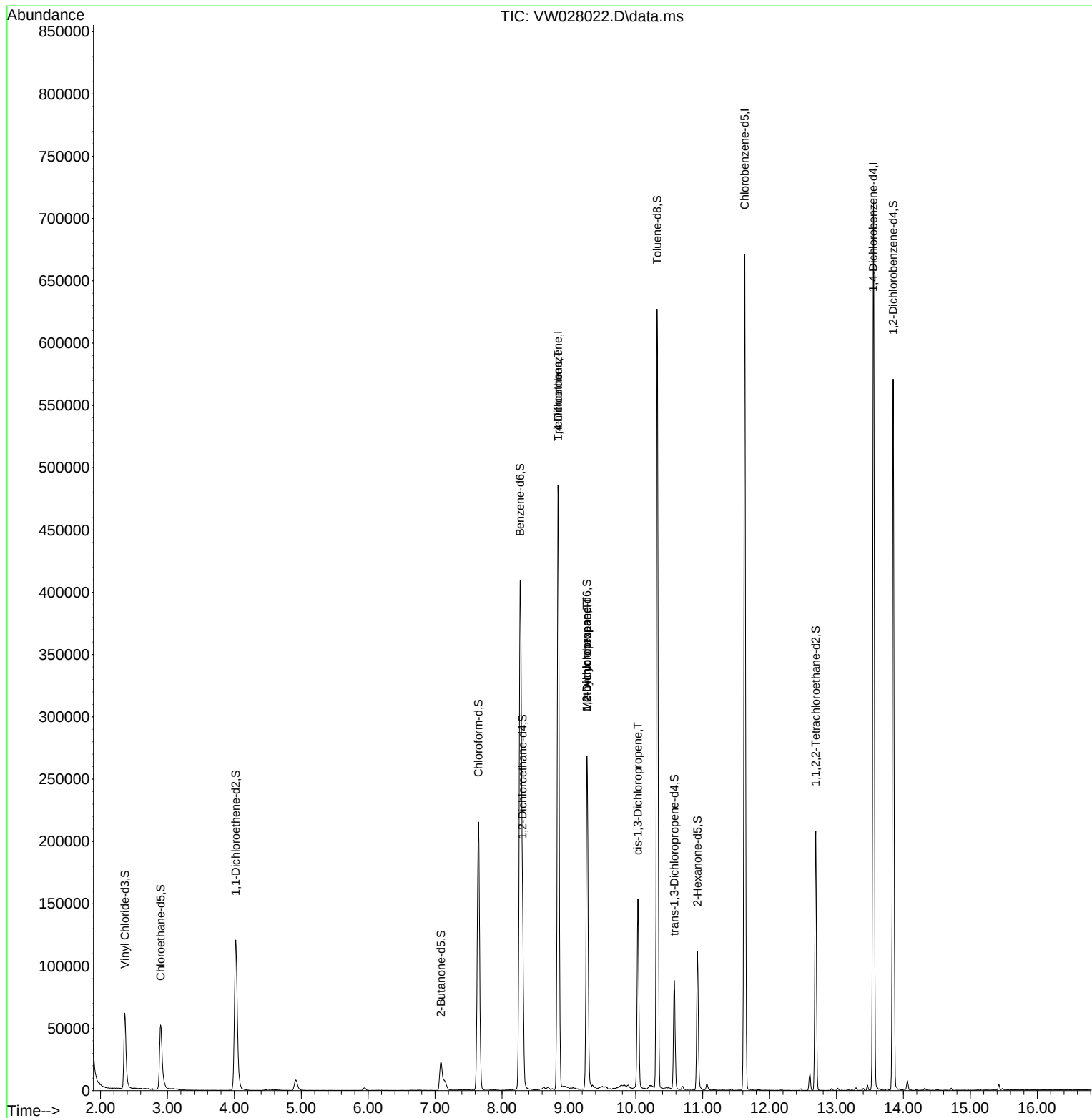
Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	449751	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	396785	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	202206	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	87881	16.683	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.720%
7) Chloroethane-d5	2.899	69	82462	20.639	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.560%
11) 1,1-Dichloroethene-d2	4.021	65	40740	18.075	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.320%
21) 2-Butanone-d5	7.087	46	40750	49.788	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.580%
24) Chloroform-d	7.648	84	232269	22.087	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.360%
26) 1,2-Dichloroethane-d4	8.307	65	111131	23.398	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.600%
32) Benzene-d6	8.270	84	464339	21.873	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.480%
36) 1,2-Dichloropropane-d6	9.270	67	129773	22.546	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.200%
41) Toluene-d8	10.319	98	445626	21.939	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.760%
43) trans-1,3-Dichloroprop...	10.575	79	52844	22.324	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.280%
47) 2-Hexanone-d5	10.922	63	41499	53.005	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.000%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	105413	24.502	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.000%
66) 1,2-Dichlorobenzene-d4	13.848	152	156134	22.718	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.880%
Target Compounds						
					Qvalue	
34) Trichloroethene	8.837	95	12981	2.282	ug/L #	4
35) Methylcyclohexane	9.270	83	33727	3.603	ug/L #	22
37) 1,2-Dichloropropane	9.270	63	14509	3.116	ug/L #	84
39) cis-1,3-Dichloropropene	10.032	75	3814	0.511	ug/L #	50

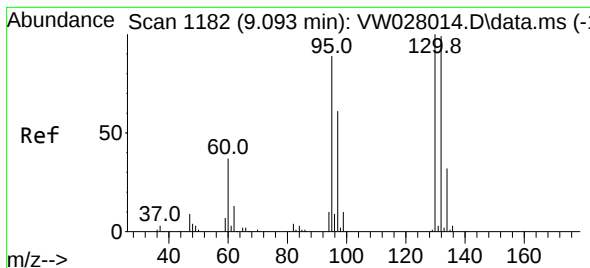
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#34

Trichloroethene

Concen: 2.282 ug/L

RT: 8.837 min Scan# 1182

Delta R.T. -0.256 min

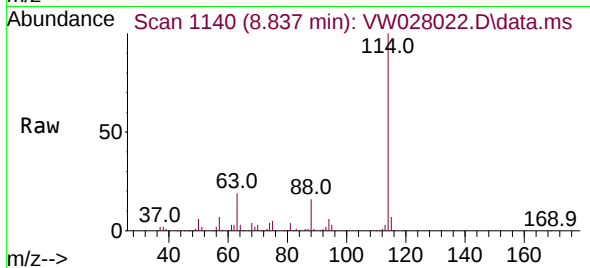
Lab File: VW028022.D

Acq: 15 Feb 2024 16:07

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 12981

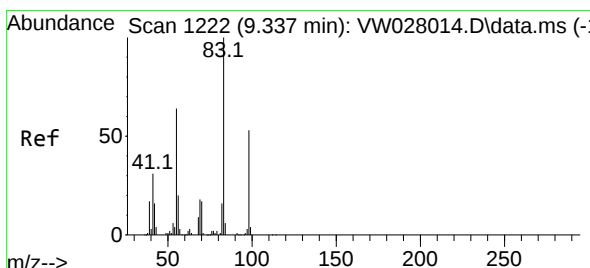
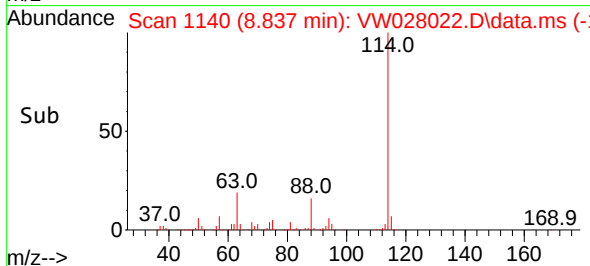
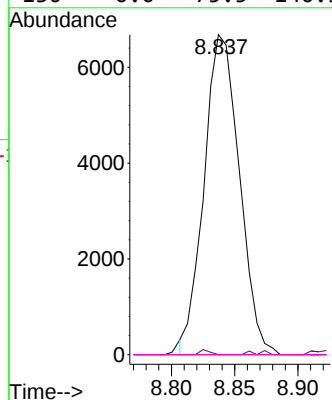
Ion Ratio Lower Upper

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: 3.603 ug/L

RT: 9.270 min Scan# 1211

Delta R.T. -0.067 min

Lab File: VW028022.D

Acq: 15 Feb 2024 16:07

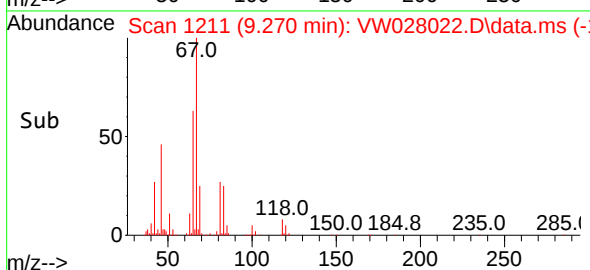
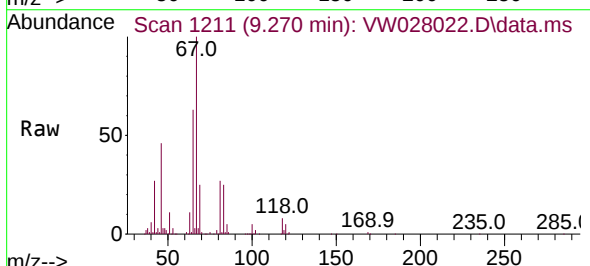
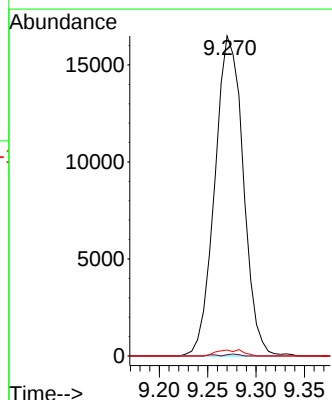
Tgt Ion: 83 Resp: 33727

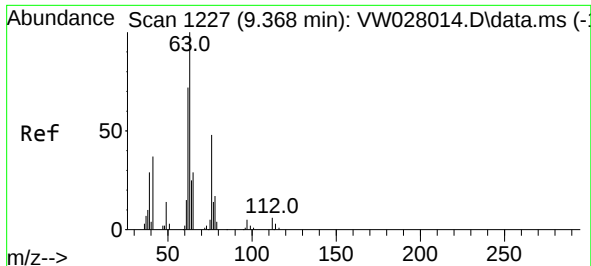
Ion Ratio Lower Upper

83 100

55 0.1 52.3 78.5#

98 1.1 41.9 62.9#





#37

1,2-Dichloropropane

Concen: 3.116 ug/L

RT: 9.270 min Scan# 11

Delta R.T. -0.098 min

Lab File: VW028022.D

Acq: 15 Feb 2024 16:07

Instrument :

MSVOA_W

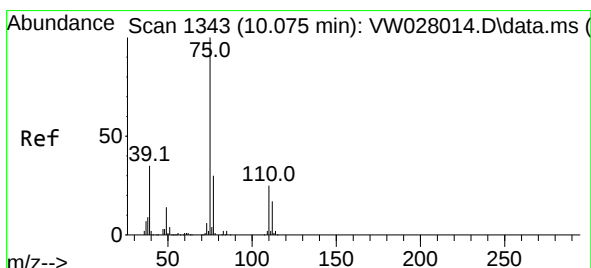
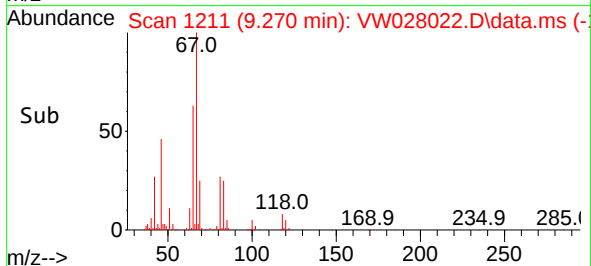
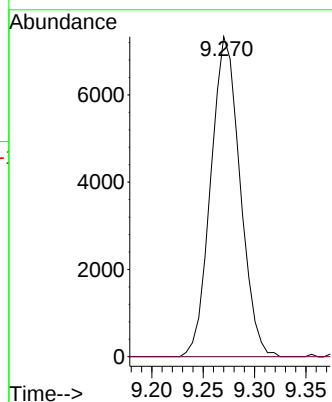
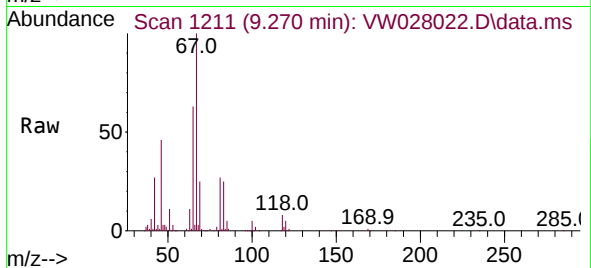
ClientSampleId :

Tgt Ion: 63 Resp: 14509

Ion Ratio Lower Upper

63 100

112 0.0 4.2 6.2#



#39

cis-1,3-Dichloropropene

Concen: 0.511 ug/L

RT: 10.032 min Scan# 1336

Delta R.T. -0.043 min

Lab File: VW028022.D

Acq: 15 Feb 2024 16:07

Tgt Ion: 75 Resp: 3814

Ion Ratio Lower Upper

75 100

77 60.1 22.4 41.6#

