

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021424\
 Data File : VW027997.D
 Acq On : 14 Feb 2024 11:30
 Operator : SY/MD
 Sample : P1442-16
 Misc : 4.89g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 15 00:29:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020524SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Feb 15 00:29:03 2024
 Response via : Initial Calibration

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

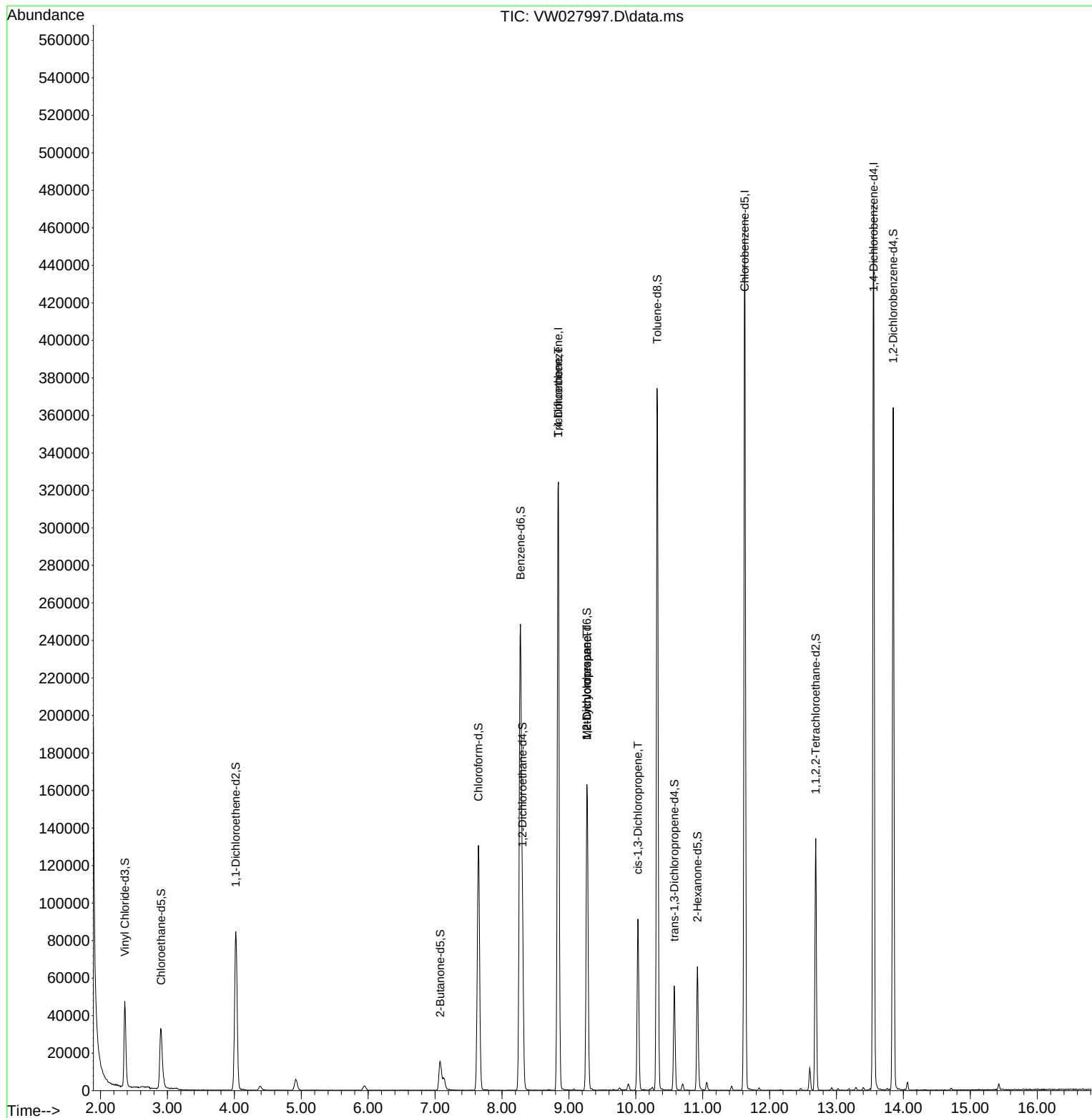
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	298028	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	273681	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	135498	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	55209	15.817	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	63.280%		
7) Chloroethane-d5	2.905	69	51279	19.369	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	77.480%		
11) 1,1-Dichloroethene-d2	4.021	65	25411	17.014	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	68.040%		
21) 2-Butanone-d5	7.075	46	27160	50.077	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	100.160%		
24) Chloroform-d	7.648	84	139460	20.013	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	80.040%		
26) 1,2-Dichloroethane-d4	8.307	65	70315	22.342	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	89.360%		
32) Benzene-d6	8.276	84	278872	19.045	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	76.200%		
36) 1,2-Dichloropropane-d6	9.270	67	79605	20.051	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	80.200%		
41) Toluene-d8	10.318	98	266520	19.023	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	76.080%		
43) trans-1,3-Dichloroprop...	10.575	79	32442	19.870	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	79.480%		
47) 2-Hexanone-d5	10.922	63	24064	44.561	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	89.120%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	64846	21.853	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	87.400%		
66) 1,2-Dichlorobenzene-d4	13.848	152	98105	21.302	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	85.200%		
Target Compounds						Qvalue
34) Trichloroethene	8.843	95	8839	2.252	ug/L #	4
35) Methylcyclohexane	9.270	83	20823	3.225	ug/L #	22
37) 1,2-Dichloropropane	9.270	63	8663	2.697	ug/L #	84
39) cis-1,3-Dichloropropene	10.032	75	2087	0.405	ug/L #	51

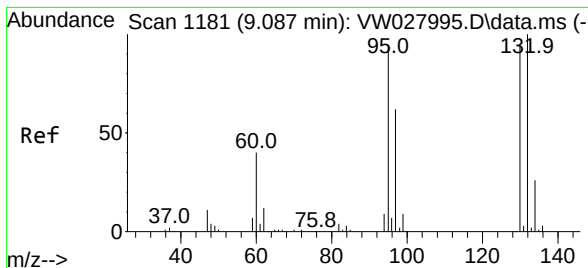
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#34

Trichloroethene

Concen: 2.252 ug/L

RT: 8.843 min Scan# 1181

Delta R.T. -0.244 min

Lab File: VW027997.D

Acq: 14 Feb 2024 11:30

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 8839

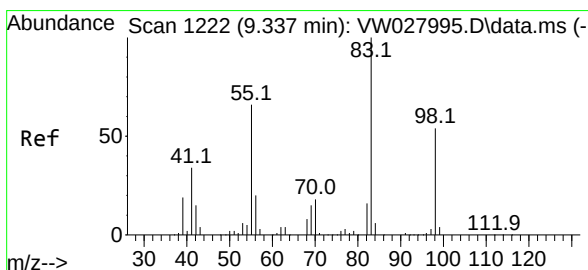
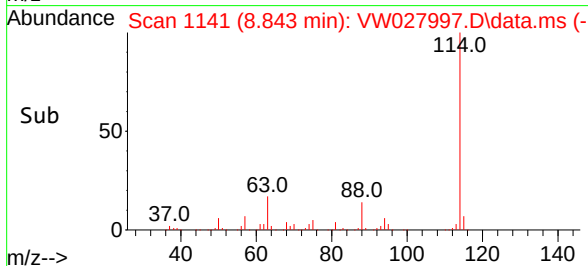
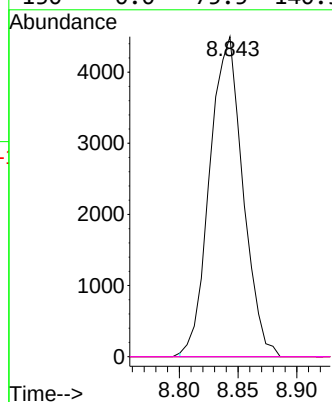
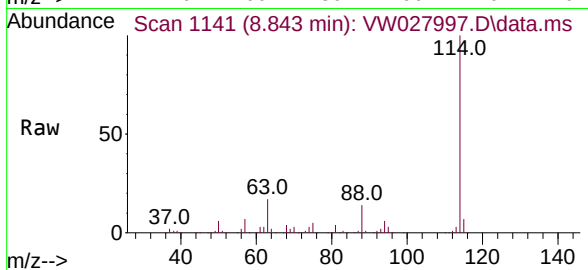
Ion Ratio Lower Upper

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: 3.225 ug/L

RT: 9.270 min Scan# 1211

Delta R.T. -0.067 min

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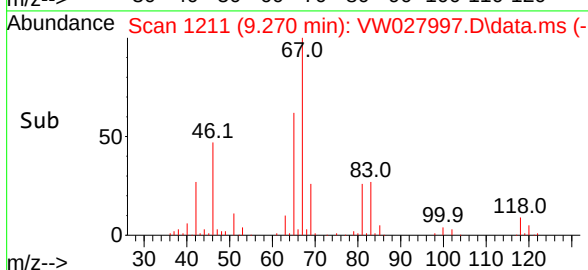
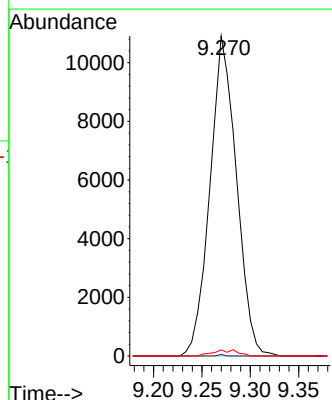
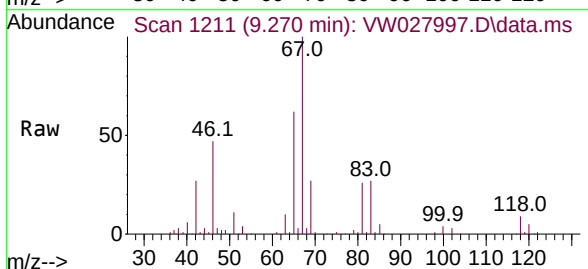
Tgt Ion: 83 Resp: 20823

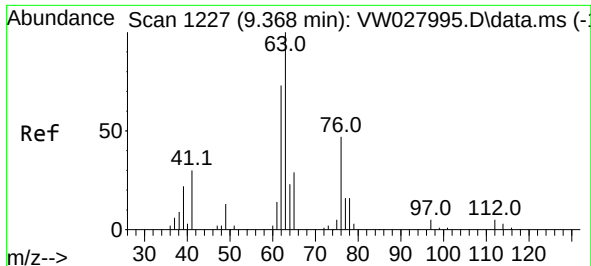
Ion Ratio Lower Upper

83 100

55 0.0 52.3 78.5#

98 1.1 41.9 62.9#





#37

1,2-Dichloropropane

Concen: 2.697 ug/L

RT: 9.270 min Scan# 11

Delta R.T. -0.098 min

Lab File: VW027997.D

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Instrument :

MSVOA_W

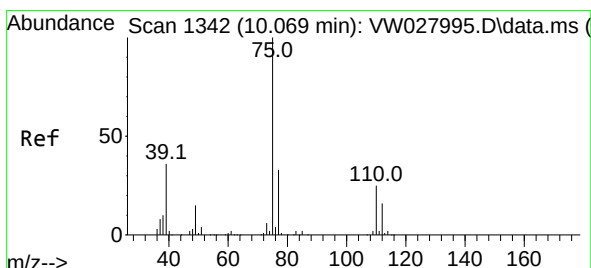
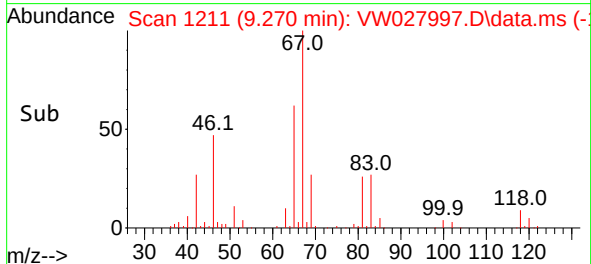
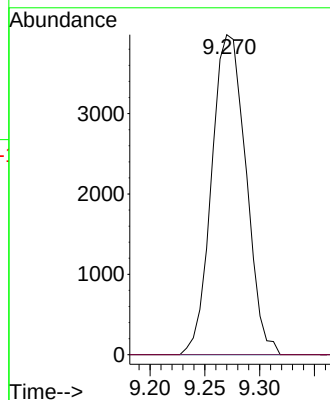
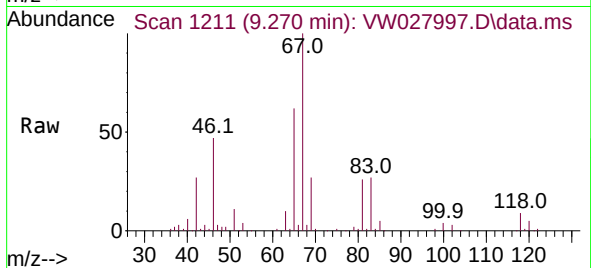
ClientSampleId :

Tgt Ion: 63 Resp: 8663

Ion Ratio Lower Upper

63 100

112 0.0 4.2 6.2#



#39

cis-1,3-Dichloropropene

Concen: 0.405 ug/L

RT: 10.032 min Scan# 1336

Delta R.T. -0.037 min

Lab File: VW027997.D

Acq: 14 Feb 2024 11:30

Tgt Ion: 75 Resp: 2087

Ion Ratio Lower Upper

75 100

77 59.4 22.4 41.6#

