

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021224\
 Data File : VW027991.D
 Acq On : 12 Feb 2024 11:48
 Operator : SY/MD
 Sample : P1442-11
 Misc : 4.80g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 13 00:02:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020524SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Feb 13 00:01:14 2024
 Response via : Initial Calibration

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

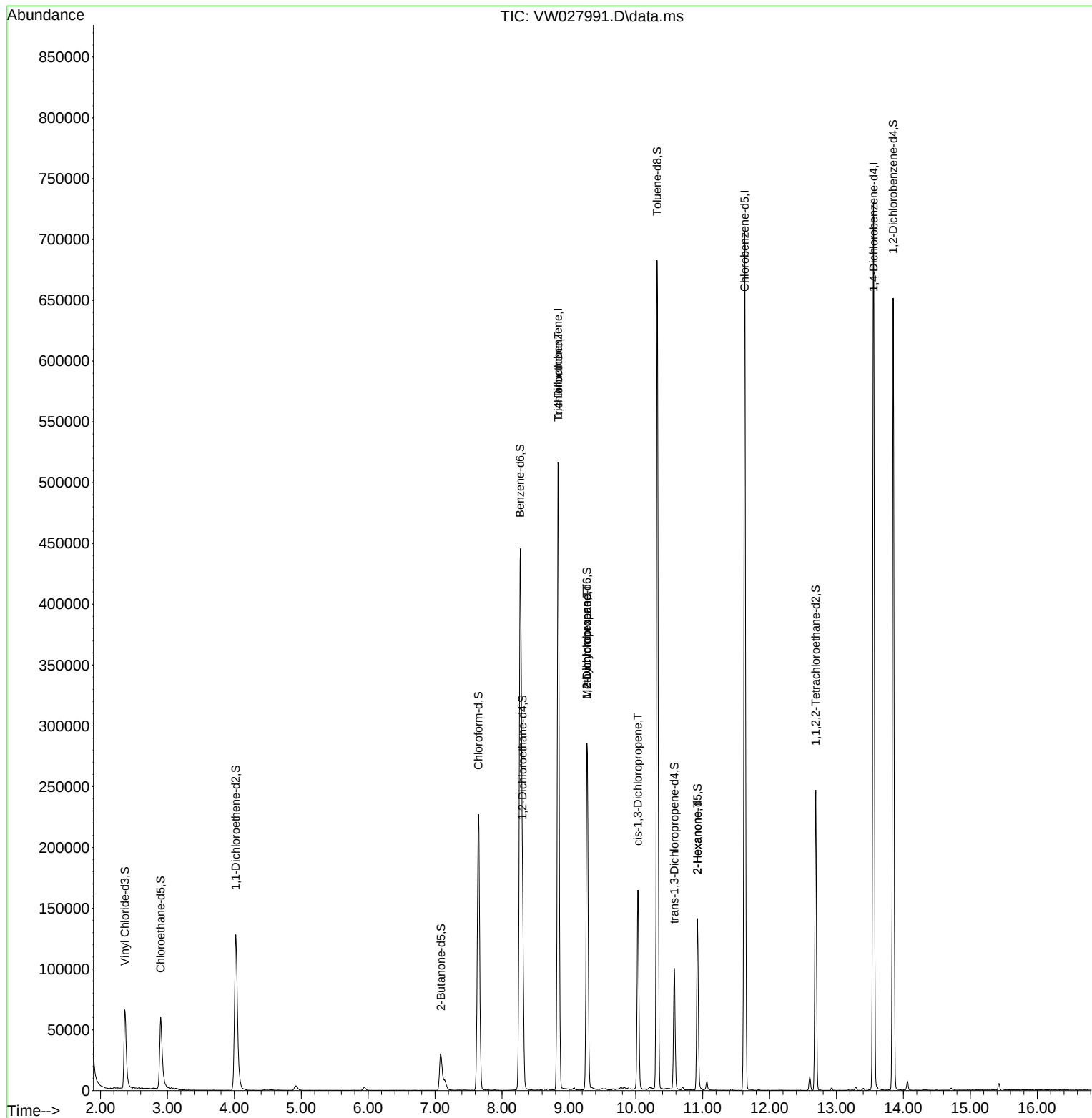
Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	473633	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	429919	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	218484	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	99139	17.872	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.480%
7) Chloroethane-d5	2.899	69	91965	21.857	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.440%
11) 1,1-Dichloroethene-d2	4.021	65	44324	18.674	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.680%
21) 2-Butanone-d5	7.087	46	52188	60.547	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.100%
24) Chloroform-d	7.648	84	243764	22.011	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.040%
26) 1,2-Dichloroethane-d4	8.307	65	120945	24.181	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.720%
32) Benzene-d6	8.270	84	497392	21.624	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.480%
36) 1,2-Dichloropropane-d6	9.270	67	142230	22.806	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.240%
41) Toluene-d8	10.319	98	478975	21.763	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.040%
43) trans-1,3-Dichloroprop...	10.575	79	59027	23.014	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.040%
47) 2-Hexanone-d5	10.922	63	52249	61.592	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	123.180%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	124877	26.790	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.160%
66) 1,2-Dichlorobenzene-d4	13.848	152	185874	25.030	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.120%
Target Compounds						Qvalue
34) Trichloroethene	8.843	95	13189	2.140	ug/L #	4
35) Methylcyclohexane	9.270	83	36508	3.599	ug/L #	22
37) 1,2-Dichloropropane	9.270	63	15404	3.053	ug/L #	84
39) cis-1,3-Dichloropropene	10.032	75	3915	0.484	ug/L #	74
48) 2-Hexanone	10.922	43	5349	3.708	ug/L #	60

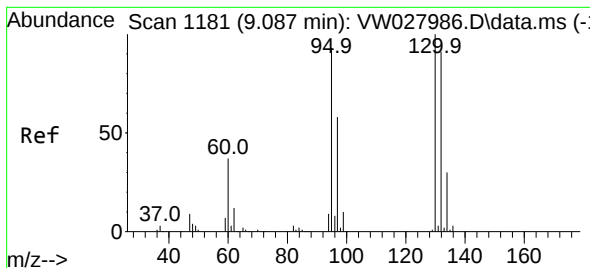
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Tue Feb 13 00:01:14 2024
Response via : Initial Calibration





#34

Trichloroethene

Concen: 2.140 ug/L

RT: 8.843 min Scan# 1111

Delta R.T. -0.244 min

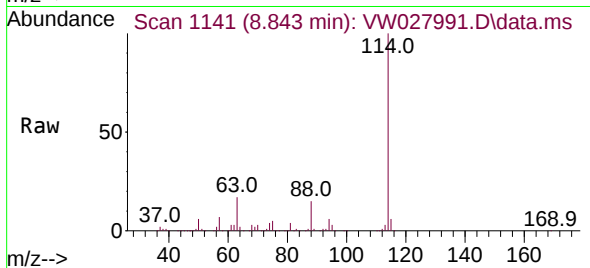
Lab File: VW027991.D

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Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 13189

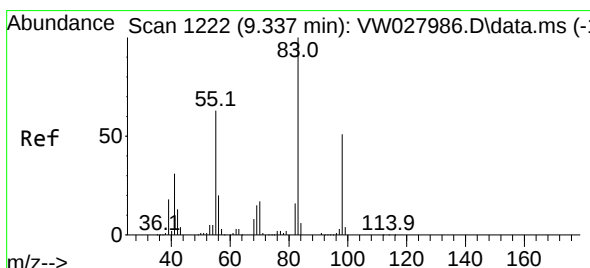
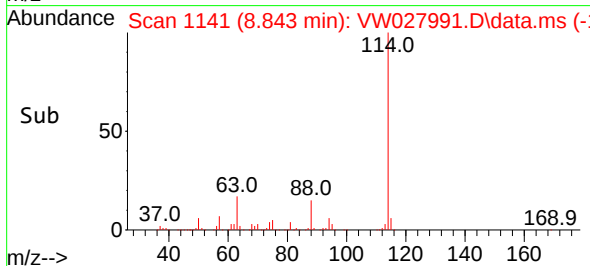
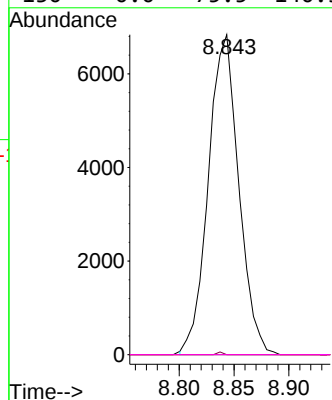
Ion Ratio Lower Upper

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: 3.599 ug/L

RT: 9.270 min Scan# 1211

Delta R.T. -0.067 min

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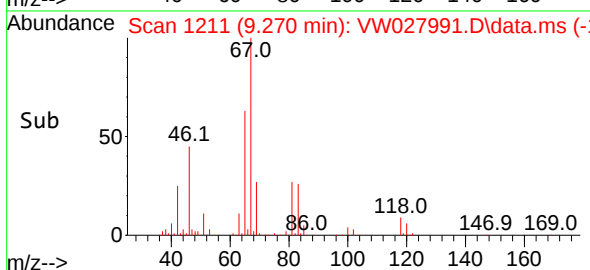
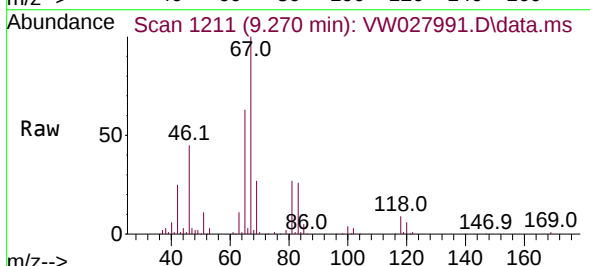
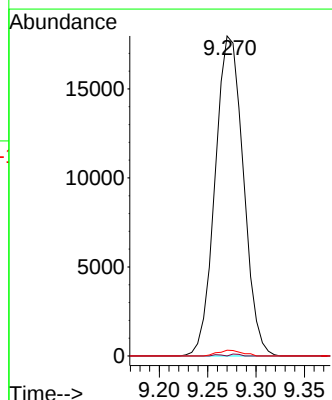
Tgt Ion: 83 Resp: 36508

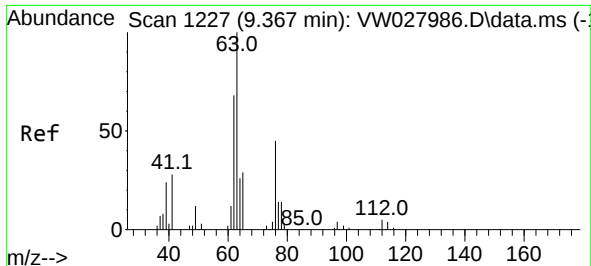
Ion Ratio Lower Upper

83 100

55 0.2 52.3 78.5#

98 1.5 41.9 62.9#





#37

1,2-Dichloropropane

Concen: 3.053 ug/L

RT: 9.270 min Scan# 11

Delta R.T. -0.097 min

Lab File: VW027991.D

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Instrument :

MSVOA_W

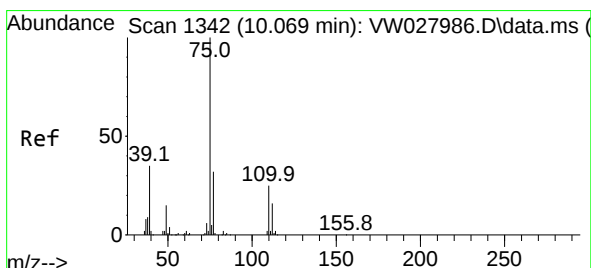
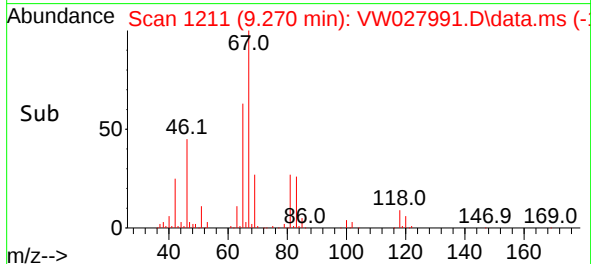
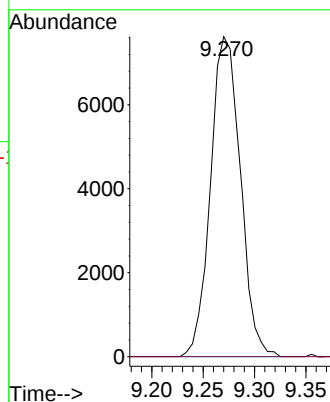
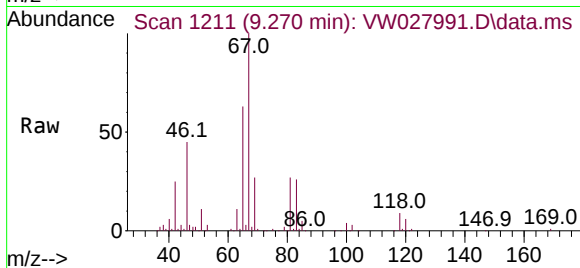
ClientSampleId :

Tgt Ion: 63 Resp: 15404

Ion Ratio Lower Upper

63 100

112 0.0 4.2 6.2#



#39

cis-1,3-Dichloropropene

Concen: 0.484 ug/L

RT: 10.032 min Scan# 1336

Delta R.T. -0.036 min

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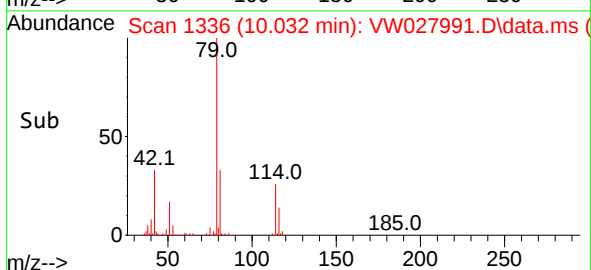
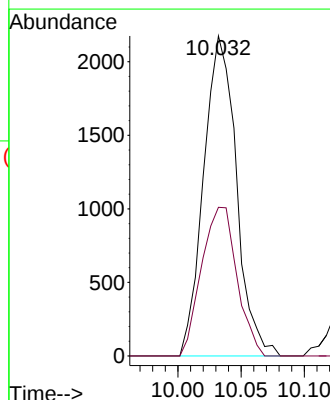
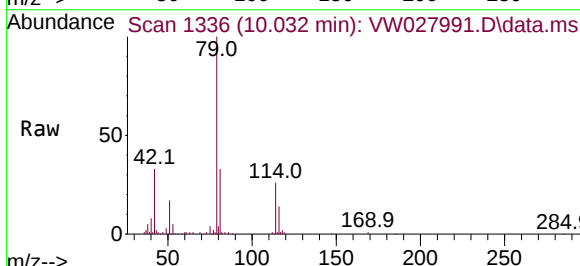
Acq: 12 Feb 2024 11:48

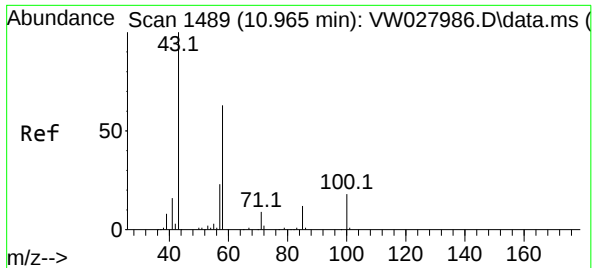
Tgt Ion: 75 Resp: 3915

Ion Ratio Lower Upper

75 100

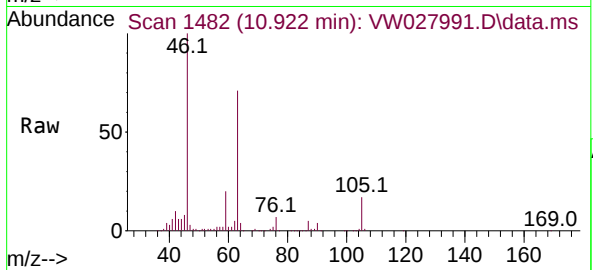
77 46.4 22.4 41.6#





#48
 2-Hexanone
 Concen: 3.708 ug/L
 RT: 10.922 min Scan# 14
 Delta R.T. -0.043 min
 Lab File: VW027991.D
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Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion: 43	Resp:	5349
Ion	Ratio	Lower Upper
43	100	
58	27.2	51.4 77.2#
57	30.2	17.4 26.2#
100	1.3	14.4 21.6#

