

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020224\
 Data File : VW027919.D
 Acq On : 02 Feb 2024 10:22
 Operator : SY/MD
 Sample : VW0202SBL01
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 02 23:02:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM010824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Feb 02 23:01:12 2024
 Response via : Initial Calibration

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

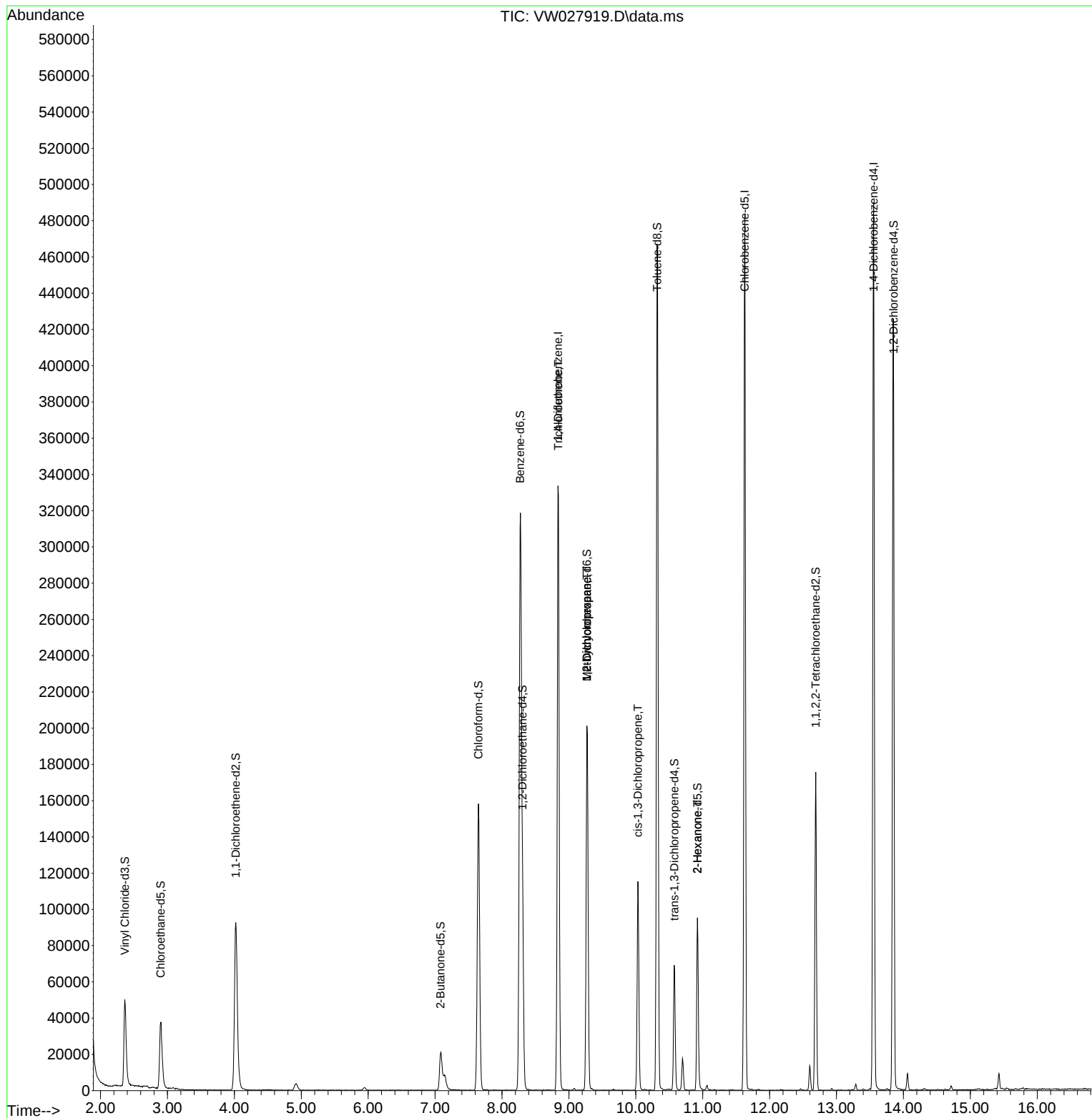
Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	311883	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	293448	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	140666	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	72467	19.037	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.160%
7) Chloroethane-d5	2.899	69	59182	17.734	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.920%
11) 1,1-Dichloroethene-d2	4.021	65	32822	19.168	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.680%
21) 2-Butanone-d5	7.081	46	36881	58.591	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.180%
24) Chloroform-d	7.648	84	168423	22.332	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.320%
26) 1,2-Dichloroethane-d4	8.307	65	83943	24.568	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.280%
32) Benzene-d6	8.270	84	356106	21.381	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.520%
36) 1,2-Dichloropropane-d6	9.270	67	100929	21.905	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.600%
41) Toluene-d8	10.319	98	332484	21.354	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.400%
43) trans-1,3-Dichloroprop...	10.575	79	41135	22.967	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.880%
47) 2-Hexanone-d5	10.922	63	34693	57.361	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.720%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	87521	26.663	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.640%
66) 1,2-Dichlorobenzene-d4	13.854	152	120869	24.443	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.760%
Target Compounds						
					Qvalue	
34) Trichloroethene	8.843	95	8551	1.931	ug/L #	3
35) Methylcyclohexane	9.270	83	25355	3.403	ug/L #	21
37) 1,2-Dichloropropane	9.270	63	10315	2.643	ug/L #	84
39) cis-1,3-Dichloropropene	10.032	75	2771	0.461	ug/L #	77
48) 2-Hexanone	10.922	43	3599	3.266	ug/L #	64

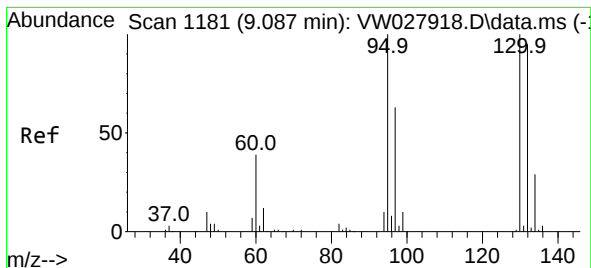
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Fri Feb 02 23:01:12 2024
Response via : Initial Calibration





#34

Trichloroethene

Concen: 1.931 ug/L

RT: 8.843 min Scan# 1181

Delta R.T. -0.244 min

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Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 8551

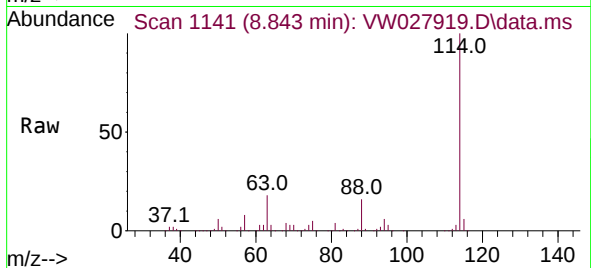
Ion Ratio Lower Upper

95 100

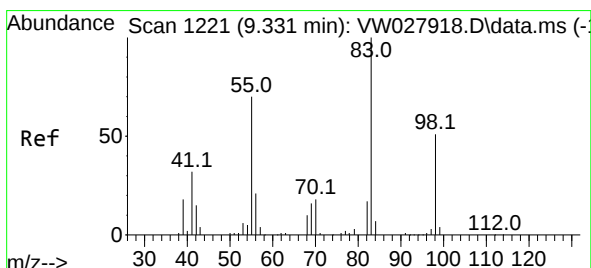
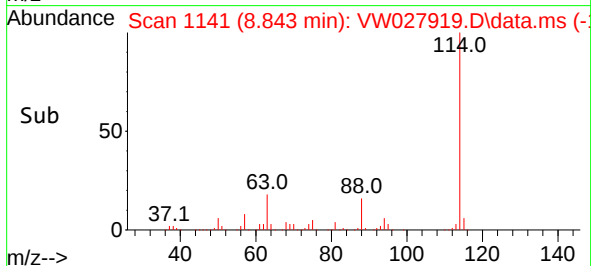
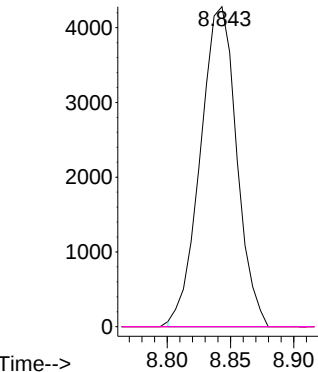
97 0.0 45.1 83.9#

132 0.0 74.1 137.5#

130 0.0 73.3 136.1#



Abundance



#35

Methylcyclohexane

Concen: 3.403 ug/L

RT: 9.270 min Scan# 1211

Delta R.T. -0.061 min

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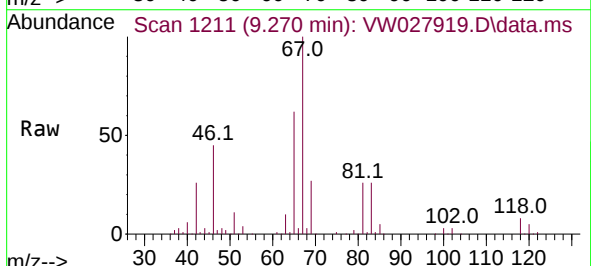
Tgt Ion: 83 Resp: 25355

Ion Ratio Lower Upper

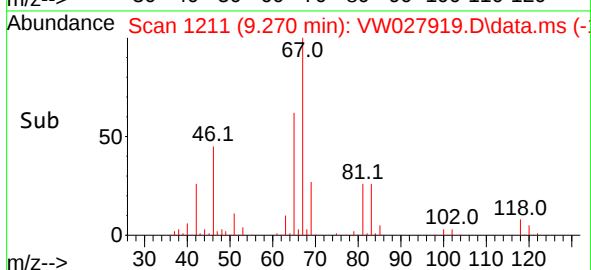
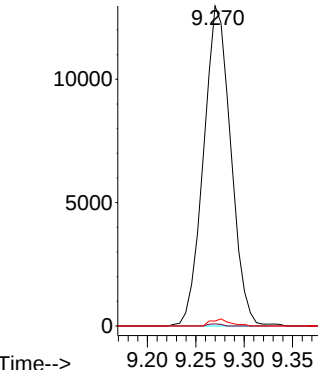
83 100

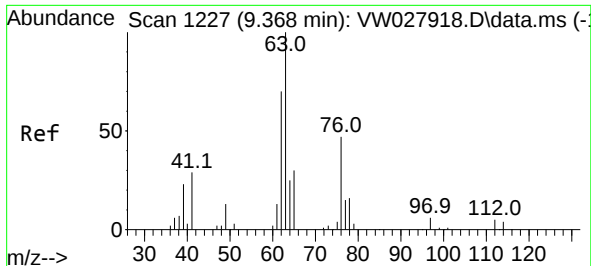
55 0.3 54.7 82.1#

98 1.5 41.0 61.4#



Abundance





#37

1,2-Dichloropropane

Concen: 2.643 ug/L

RT: 9.270 min Scan# 11

Delta R.T. -0.098 min

Lab File: VW027919.D

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Instrument :

MSVOA_W

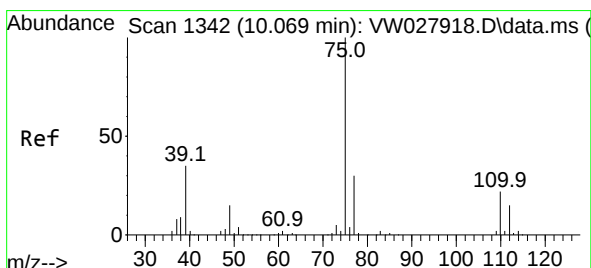
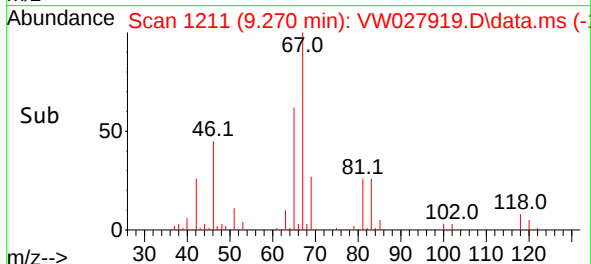
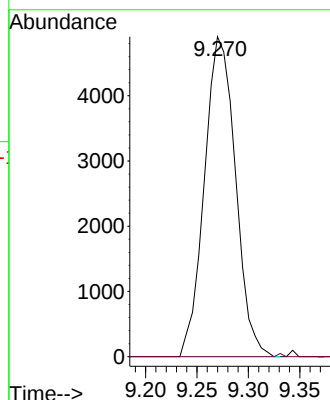
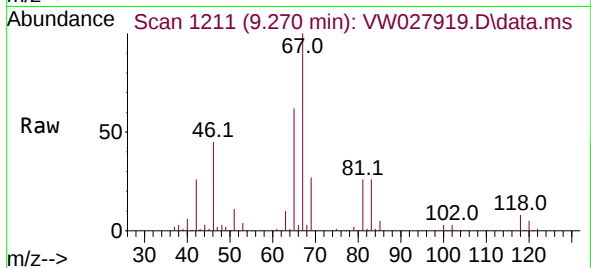
ClientSampleId :

Tgt Ion: 63 Resp: 10315

Ion Ratio Lower Upper

63 100

112 0.0 4.2 6.2#



#39

cis-1,3-Dichloropropene

Concen: 0.461 ug/L

RT: 10.032 min Scan# 1336

Delta R.T. -0.037 min

Lab File: VW027919.D

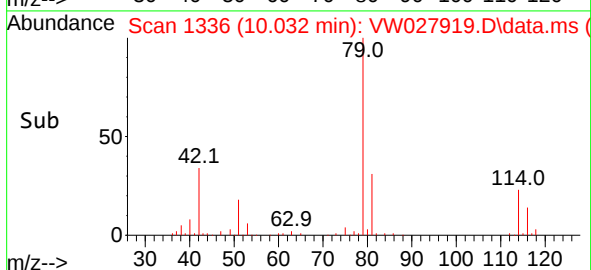
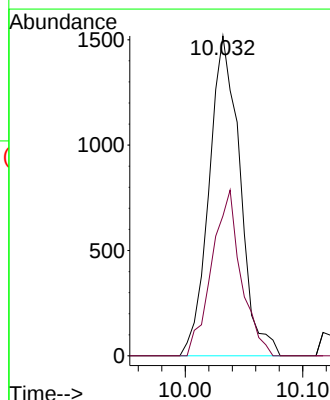
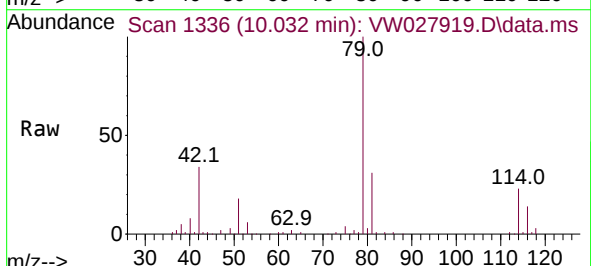
Acq: 02 Feb 2024 10:22

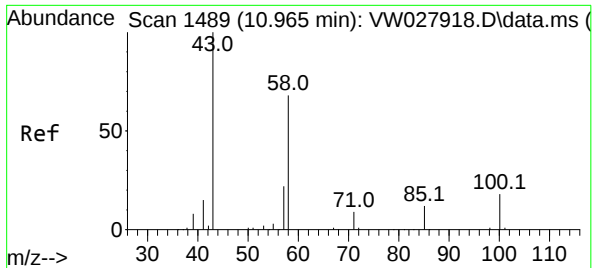
Tgt Ion: 75 Resp: 2771

Ion Ratio Lower Upper

75 100

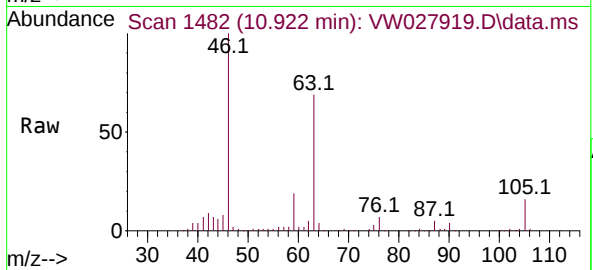
77 43.7 21.7 40.3#





#48
2-Hexanone
Concen: 3.266 ug/L
RT: 10.922 min Scan# 14
Delta R.T. -0.043 min
Lab File: VW027919.D
Acq: 02 Feb 2024 10:22

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 43	Resp:	3599
Ion	Ratio	Lower Upper
43	100	
58	29.6	49.3 73.9#
57	28.6	17.0 25.4#
100	0.0	12.9 19.3#

