

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020124\
 Data File : VW027915.D
 Acq On : 01 Feb 2024 19:04
 Operator : SY/MD
 Sample : P1303-22
 Misc : 5.45g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 01 21:42:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM010824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Feb 01 21:37:27 2024
 Response via : Initial Calibration

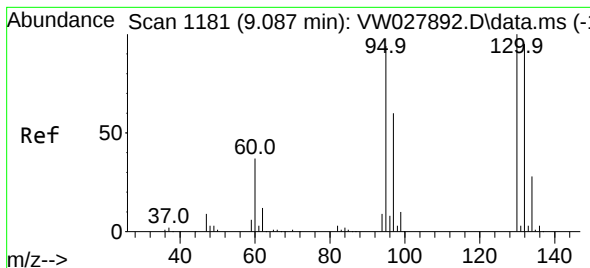
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	320247	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	289308	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	138911	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.357	65	52702	13.483	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	53.920%
7) Chloroethane-d5	2.893	69	45010	13.135	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	52.520%
11) 1,1-Dichloroethene-d2	4.021	65	24675	14.034	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.120%
21) 2-Butanone-d5	7.075	46	29511	45.659	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.320%
24) Chloroform-d	7.648	84	136065	17.571	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	70.280%
26) 1,2-Dichloroethane-d4	8.307	65	67635	19.278	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	77.120%
32) Benzene-d6	8.270	84	275522	16.780	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	67.120%
36) 1,2-Dichloropropane-d6	9.270	67	80859	17.800	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	71.200%
41) Toluene-d8	10.319	98	259416	16.899	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	67.600%
43) trans-1,3-Dichloroprop...	10.575	79	31235	17.689	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	70.760%
47) 2-Hexanone-d5	10.922	63	27379	45.916	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.840%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	72497	22.402	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.600%
66) 1,2-Dichlorobenzene-d4	13.849	152	96195	19.699	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	78.800%
Target Compounds						Qvalue
34) Trichloroethene	8.837	95	9126	2.091	ug/L #	3
35) Methylcyclohexane	9.270	83	20387	2.775	ug/L #	21
37) 1,2-Dichloropropane	9.270	63	8917	2.318	ug/L #	86
39) cis-1,3-Dichloropropene	10.038	75	2256	0.381	ug/L #	75
48) 2-Hexanone	10.922	43	3010	2.770	ug/L #	66

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

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#34

Trichloroethene

Concen: 2.091 ug/L

RT: 8.837 min Scan# 1111

Delta R.T. -0.250 min

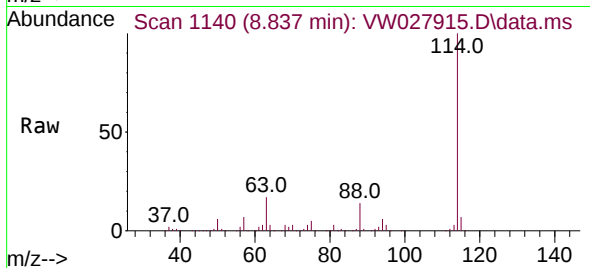
Lab File: VW027915.D

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Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 9126

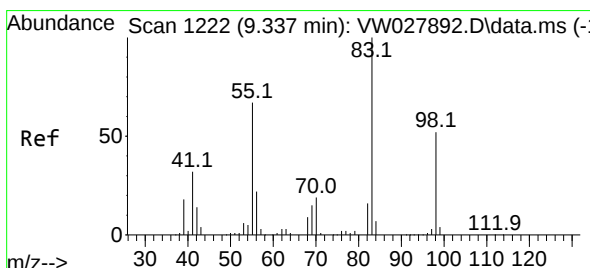
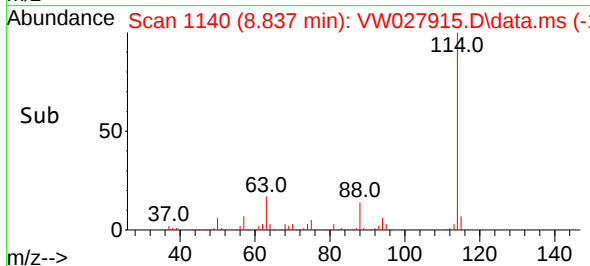
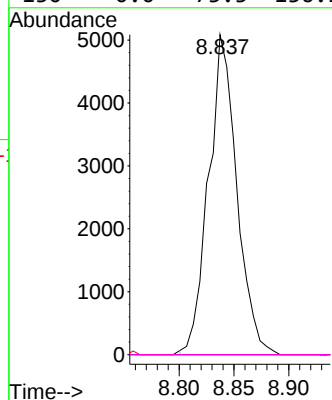
Ion Ratio Lower Upper

95 100

97 0.0 45.1 83.9#

132 0.0 74.1 137.5#

130 0.0 73.3 136.1#



#35

Methylcyclohexane

Concen: 2.775 ug/L

RT: 9.270 min Scan# 1211

Delta R.T. -0.067 min

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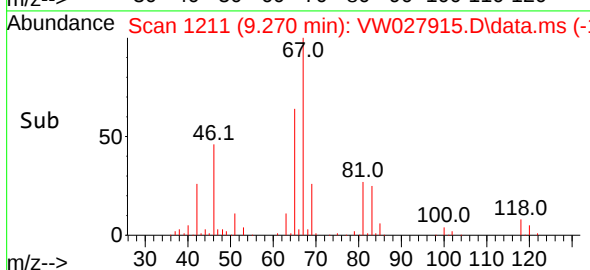
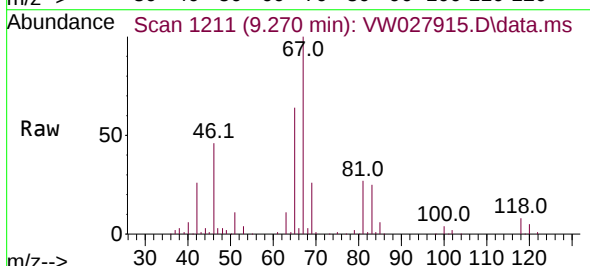
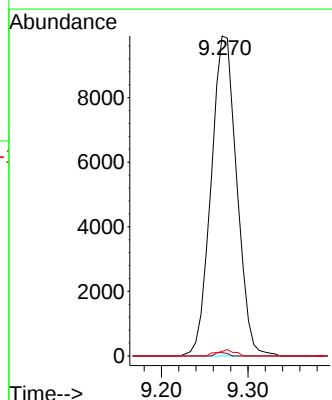
Tgt Ion: 83 Resp: 20387

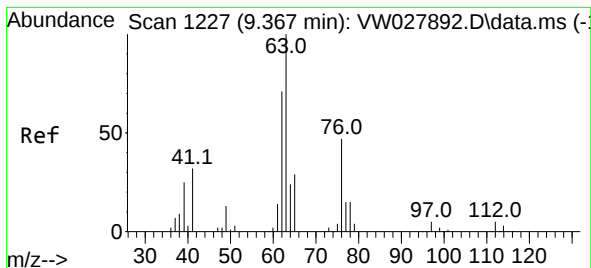
Ion Ratio Lower Upper

83 100

55 0.5 54.7 82.1#

98 1.4 41.0 61.4#





#37

1,2-Dichloropropane

Concen: 2.318 ug/L

RT: 9.270 min Scan# 11

Delta R.T. -0.097 min

Lab File: VW027915.D

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Instrument :

MSVOA_W

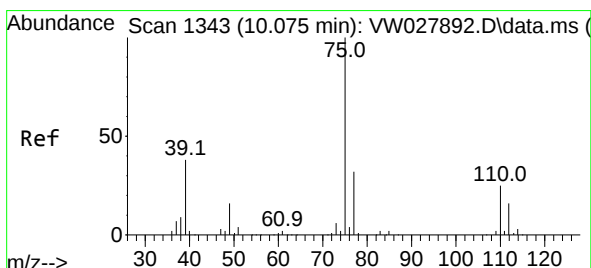
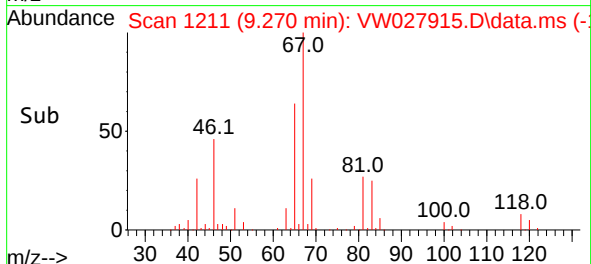
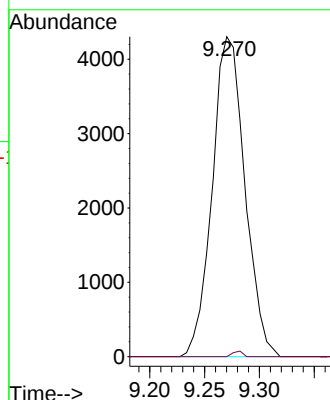
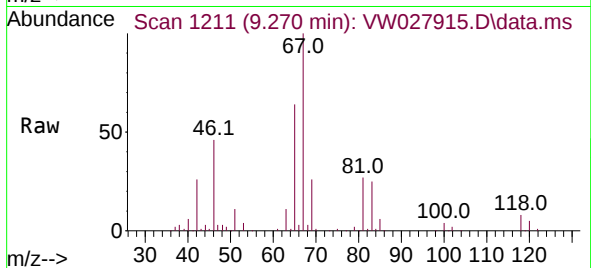
ClientSampleId :

Tgt Ion: 63 Resp: 8917

Ion Ratio Lower Upper

63 100

112 0.5 4.2 6.2#



#39

cis-1,3-Dichloropropene

Concen: 0.381 ug/L

RT: 10.038 min Scan# 1337

Delta R.T. -0.036 min

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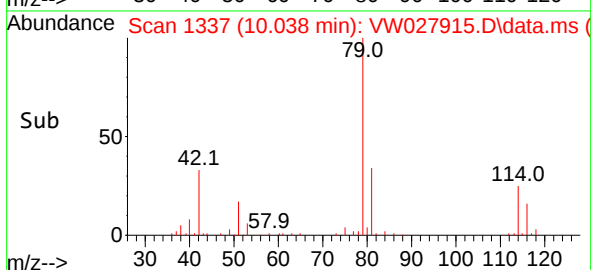
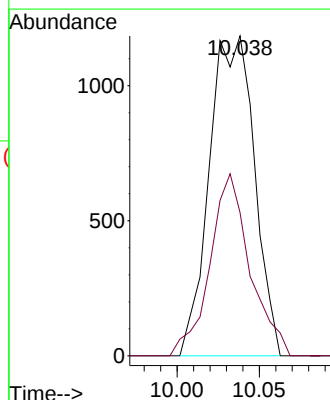
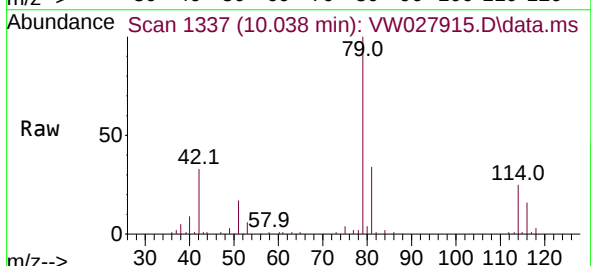
Acq: 01 Feb 2024 19:04

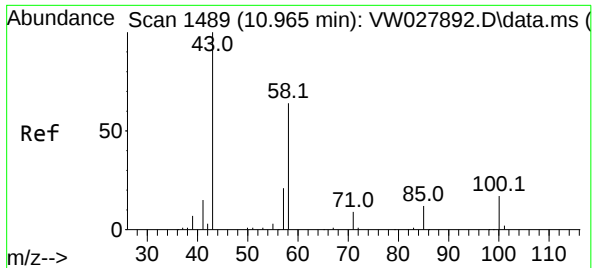
Tgt Ion: 75 Resp: 2256

Ion Ratio Lower Upper

75 100

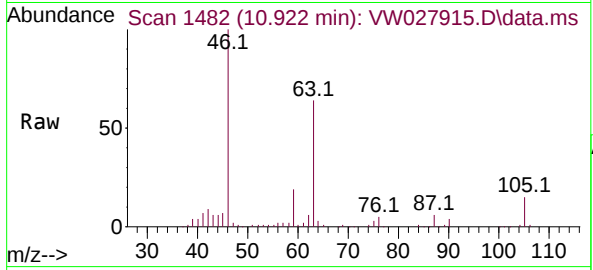
77 44.8 21.7 40.3#





#48
 2-Hexanone
 Concen: 2.770 ug/L
 RT: 10.922 min Scan# 14
 Delta R.T. -0.042 min
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 MSVOA_W
 ClientSampleId :



Tgt Ion:	43	Resp:	3010
Ion	Ratio	Lower	Upper
43	100		
58	30.8	49.3	73.9#
57	29.5	17.0	25.4#
100	1.8	12.9	19.3#

