

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032724\
 Data File : VW028247.D
 Acq On : 27 Mar 2024 13:50
 Operator : SY/MD
 Sample : P1886-01
 Misc : 4.84g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 28 01:12:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM031424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Mar 28 01:11:29 2024
 Response via : Initial Calibration

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

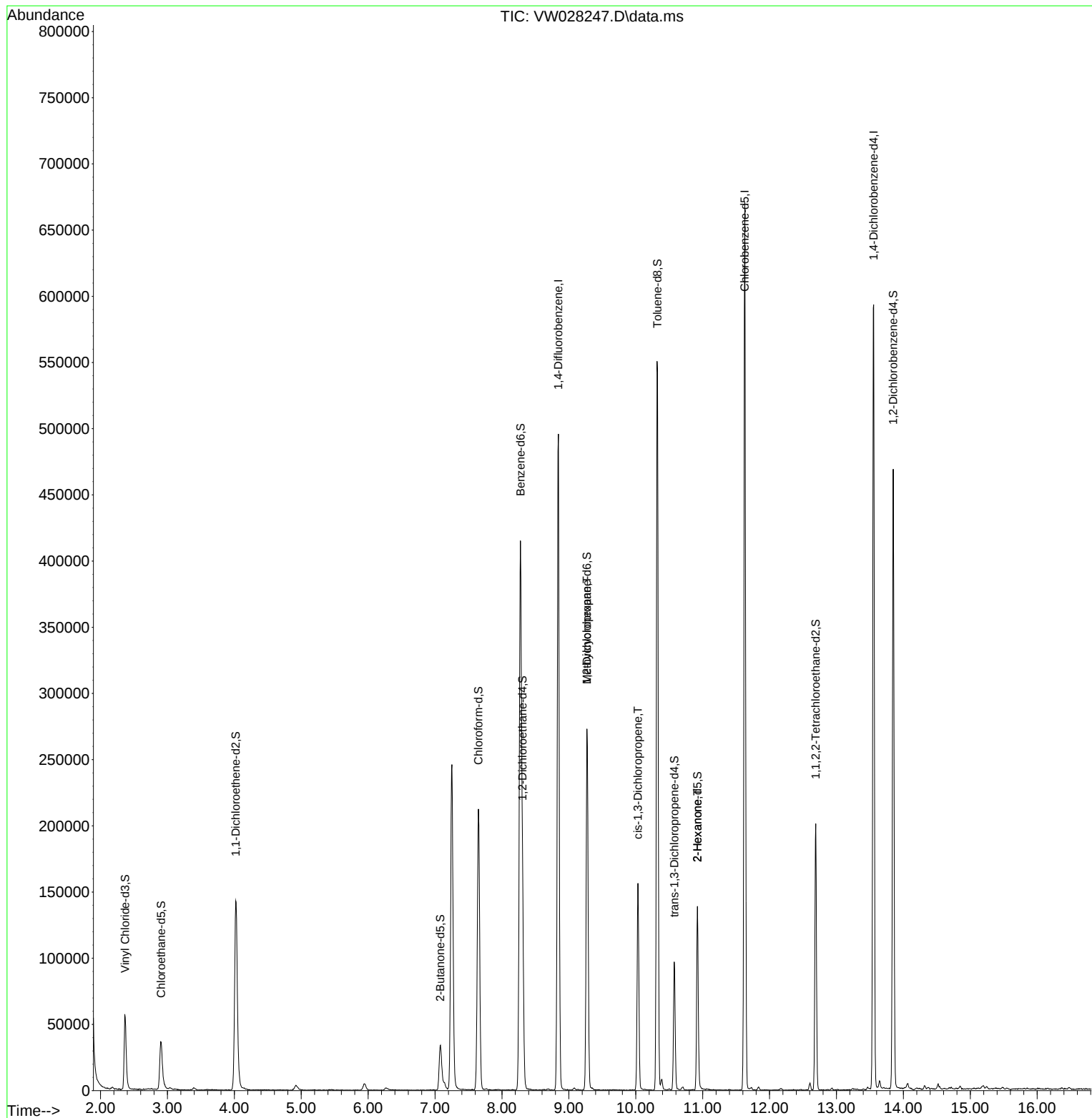
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	404632	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	356364	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	158625	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	71908	15.188	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.760%
7) Chloroethane-d5	2.905	69	54303	16.417	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.680%
11) 1,1-Dichloroethene-d2	4.021	65	48522	16.162	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.640%
21) 2-Butanone-d5	7.075	46	57459	41.149	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.300%
24) Chloroform-d	7.648	84	217885	18.261	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	73.040%
26) 1,2-Dichloroethane-d4	8.307	65	121287	18.446	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	73.800%
32) Benzene-d6	8.276	84	417994	19.212	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	76.840%
36) 1,2-Dichloropropane-d6	9.270	67	124772	19.928	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	79.720%
41) Toluene-d8	10.325	98	370620	18.468	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	73.880%
43) trans-1,3-Dichloroprop...	10.575	79	54301	19.095	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.360%
47) 2-Hexanone-d5	10.922	63	46218	44.657	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.320%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	96673	20.902	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.600%
66) 1,2-Dichlorobenzene-d4	13.849	152	121016	20.943	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.760%
Target Compounds						
					Qvalue	
35) Methylcyclohexane	9.270	83	31067	3.004	ug/L #	18
39) cis-1,3-Dichloropropene	10.032	75	3994	0.445	ug/L #	55
48) 2-Hexanone	10.922	43	5952	2.454	ug/L #	71

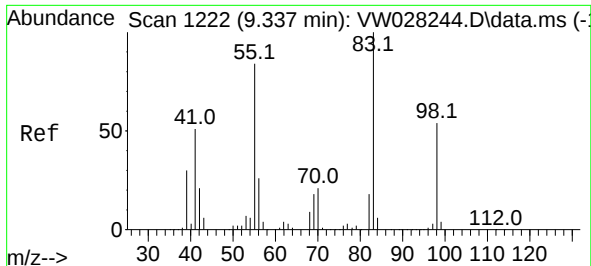
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Methylcyclohexane

Concen: 3.004 ug/L

RT: 9.270 min Scan# 11

Delta R.T. -0.067 min

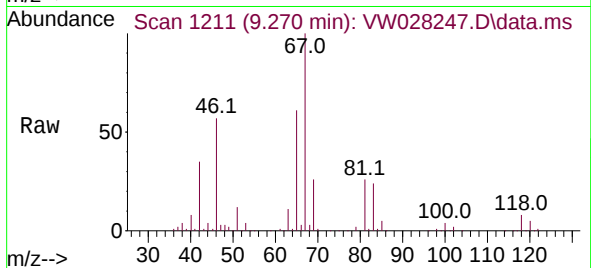
Lab File: VW028247.D

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MSVOA_W

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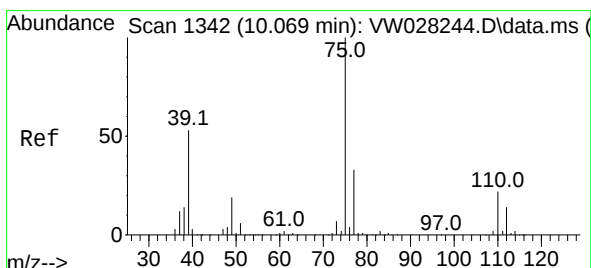
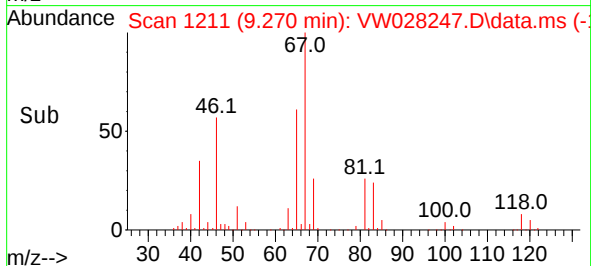
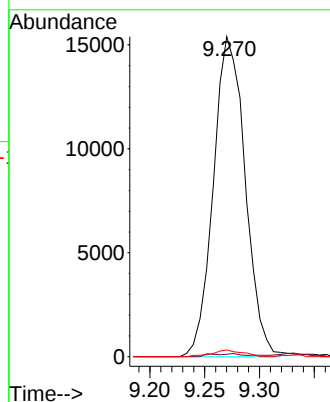
Tgt Ion: 83 Resp: 31067

Ion Ratio Lower Upper

83 100

55 0.5 64.2 96.4#

98 2.0 38.3 57.5#



#39

cis-1,3-Dichloropropene

Concen: 0.445 ug/L

RT: 10.032 min Scan# 1336

Delta R.T. -0.037 min

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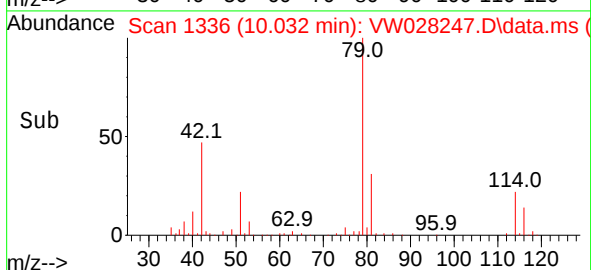
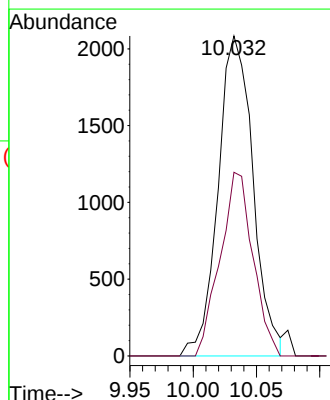
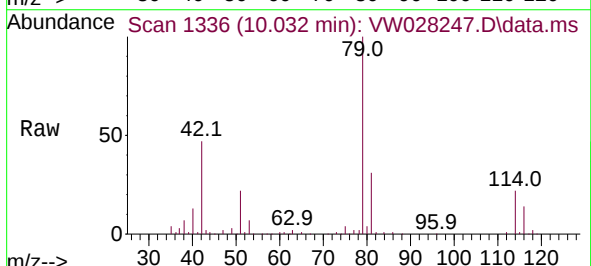
Acq: 27 Mar 2024 13:50

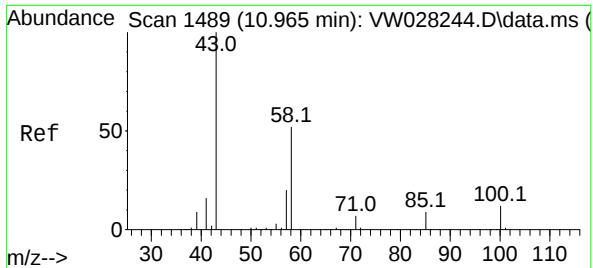
Tgt Ion: 75 Resp: 3994

Ion Ratio Lower Upper

75 100

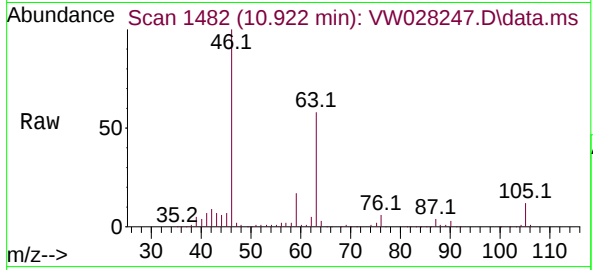
77 57.4 22.5 41.7#





#48
 2-Hexanone
 Concen: 2.454 ug/L
 RT: 10.922 min Scan# 14
 Delta R.T. -0.043 min
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Tgt Ion: 43	Resp: 5952
Ion Ratio	Lower Upper
43	100
58	26.5 40.6 61.0#
57	25.0 15.7 23.5#
100	0.8 9.7 14.5#

