

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021524\
 Data File : VW028023.D
 Acq On : 15 Feb 2024 16:31
 Operator : SY/MD
 Sample : P1469-14
 Misc : 4.74g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 15 20:54:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020524SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Feb 15 20:52:49 2024
 Response via : Initial Calibration

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

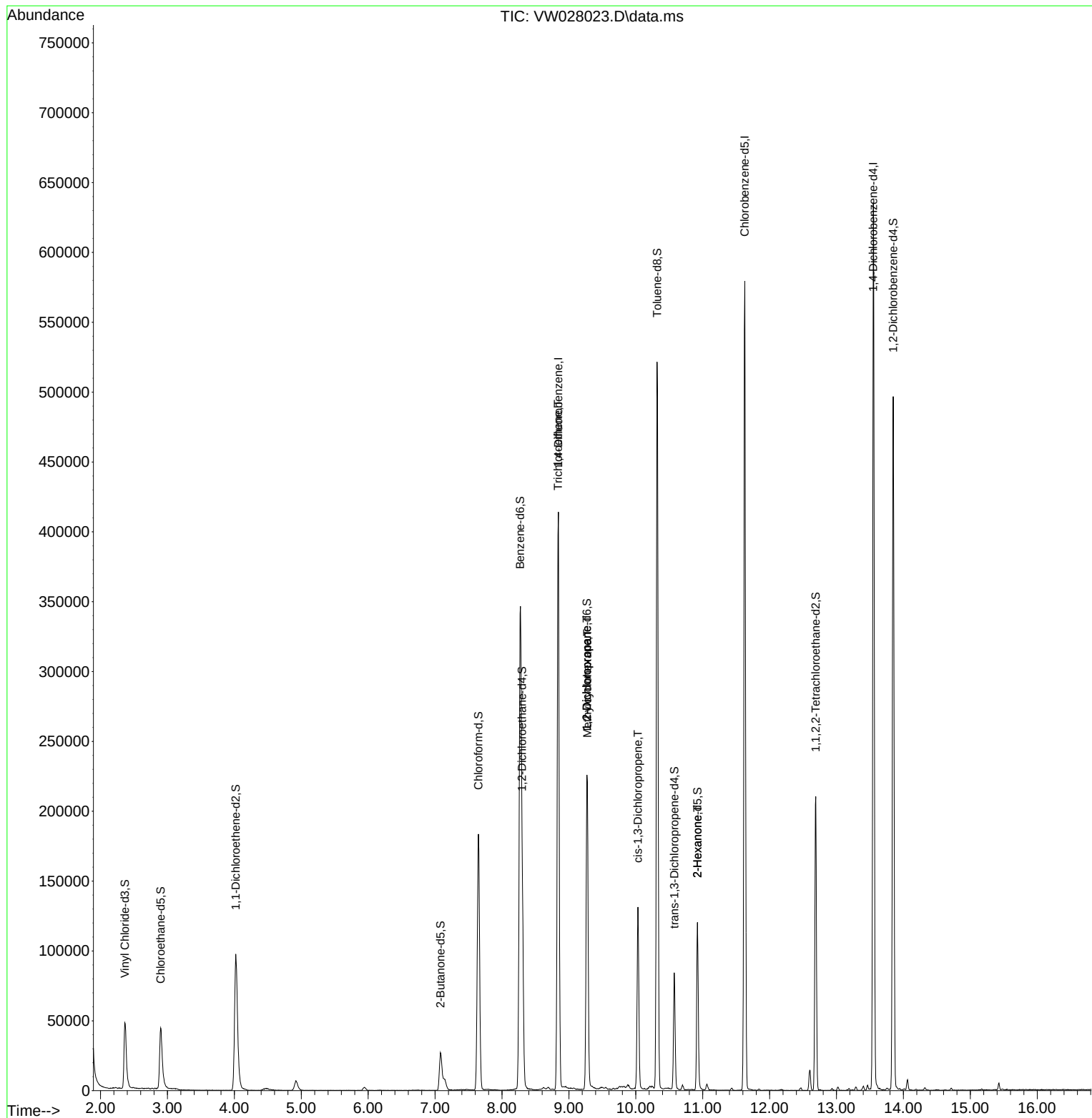
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	377362	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	340083	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	183652	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	75224	17.020	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.080%
7) Chloroethane-d5	2.899	69	69959	20.869	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.480%
11) 1,1-Dichloroethene-d2	4.021	65	34661	18.328	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.320%
21) 2-Butanone-d5	7.081	46	46037	67.037	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	134.080%
24) Chloroform-d	7.648	84	194873	22.085	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.360%
26) 1,2-Dichloroethane-d4	8.301	65	100313	25.172	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.680%
32) Benzene-d6	8.270	84	385691	21.197	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.800%
36) 1,2-Dichloropropane-d6	9.270	67	110763	22.452	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.800%
41) Toluene-d8	10.319	98	371367	21.331	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.320%
43) trans-1,3-Dichloroprop...	10.575	79	48766	24.036	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.160%
47) 2-Hexanone-d5	10.922	63	44365	66.113	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	132.220%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	105989	28.744	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	114.960%
66) 1,2-Dichlorobenzene-d4	13.849	152	142259	22.790	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.160%
Target Compounds						Qvalue
34) Trichloroethene	8.837	95	10614	2.177	ug/L #	4
35) Methylcyclohexane	9.276	83	28934	3.606	ug/L #	22
37) 1,2-Dichloropropane	9.270	63	12184	3.053	ug/L #	84
39) cis-1,3-Dichloropropene	10.032	75	3195	0.499	ug/L #	59
48) 2-Hexanone	10.922	43	4486	3.931	ug/L #	54

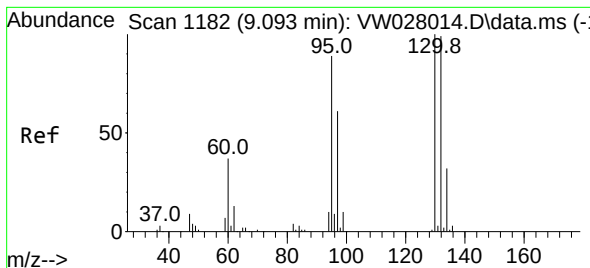
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Thu Feb 15 20:52:49 2024
Response via : Initial Calibration





#34

Trichloroethene

Concen: 2.177 ug/L

RT: 8.837 min Scan# 1114

Delta R.T. -0.256 min

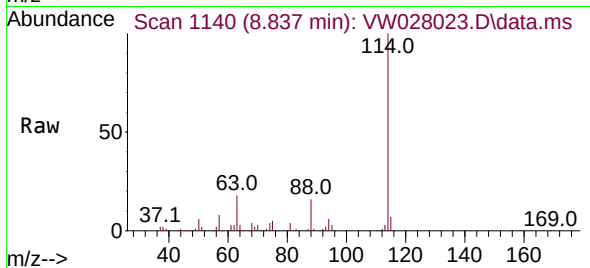
Lab File: VW028023.D

Acq: 15 Feb 2024 16:31

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 10614

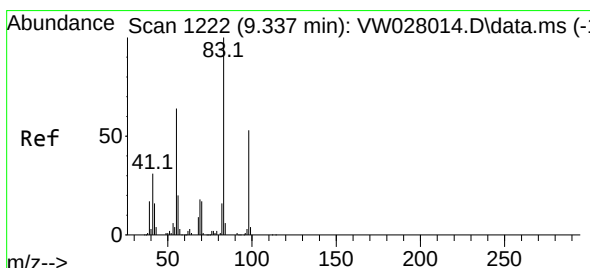
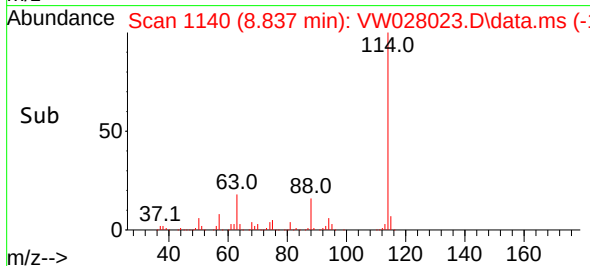
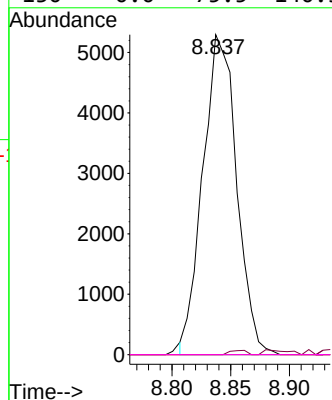
Ion Ratio Lower Upper

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: 3.606 ug/L

RT: 9.276 min Scan# 1212

Delta R.T. -0.061 min

Lab File: VW028023.D

Acq: 15 Feb 2024 16:31

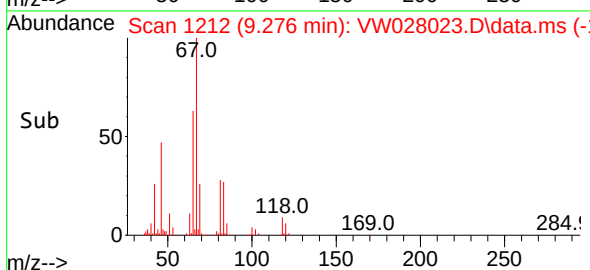
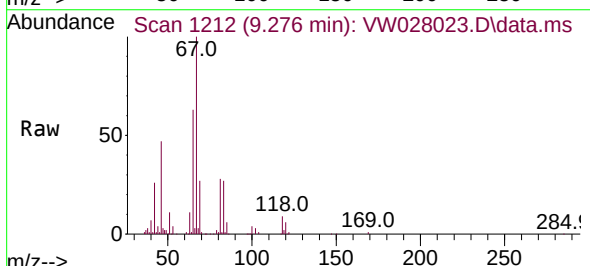
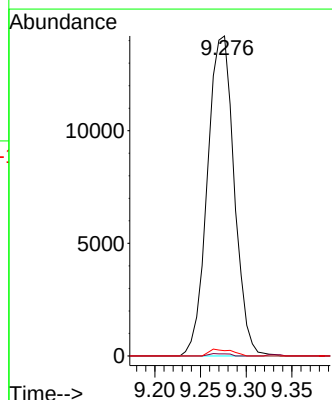
Tgt Ion: 83 Resp: 28934

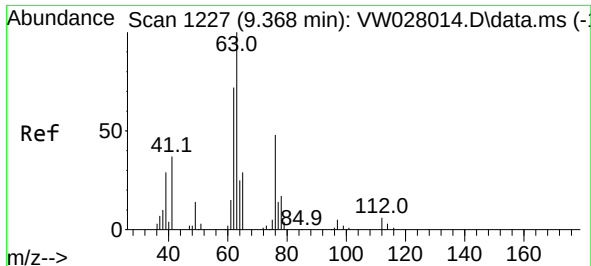
Ion Ratio Lower Upper

83 100

55 0.4 52.3 78.5#

98 1.2 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: VW028023.D

Acq: 15 Feb 2024 16:31

Instrument :

MSVOA_W

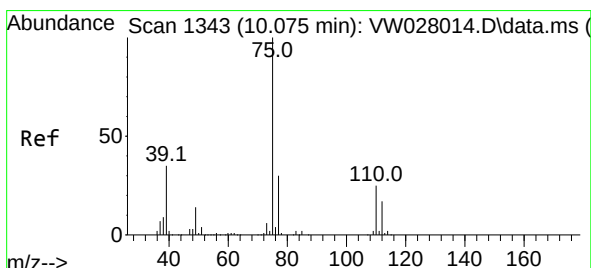
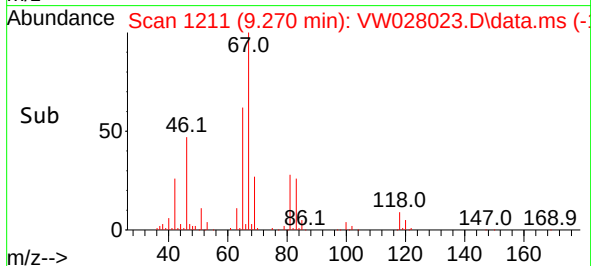
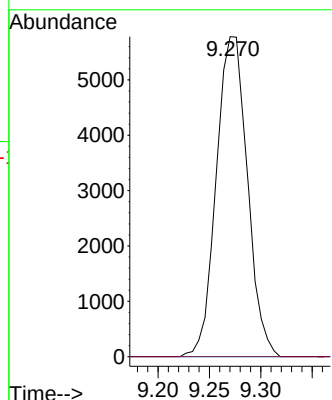
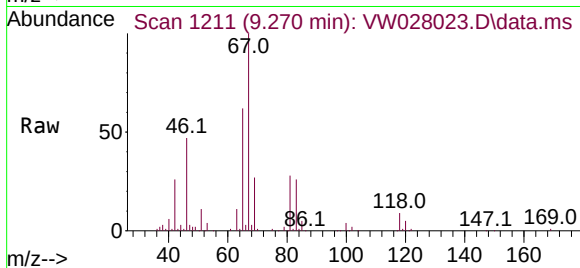
ClientSampleId :

Tgt Ion: 63 Resp: 12184

Ion Ratio Lower Upper

63 100

112 0.0 4.2 6.2#



#39

cis-1,3-Dichloropropene

Concen: 0.499 ug/L

RT: 10.032 min Scan# 1336

Delta R.T. -0.043 min

Lab File: VW028023.D

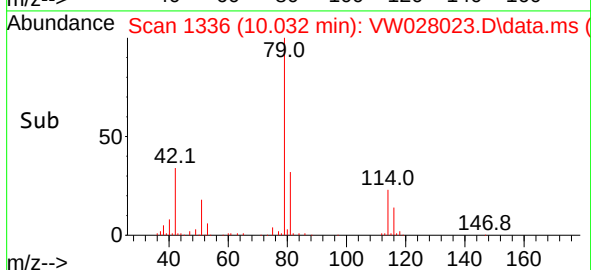
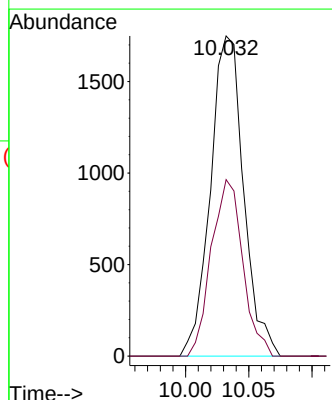
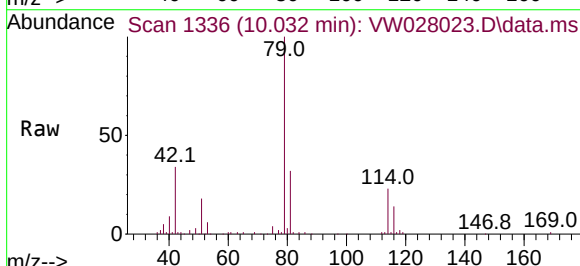
Acq: 15 Feb 2024 16:31

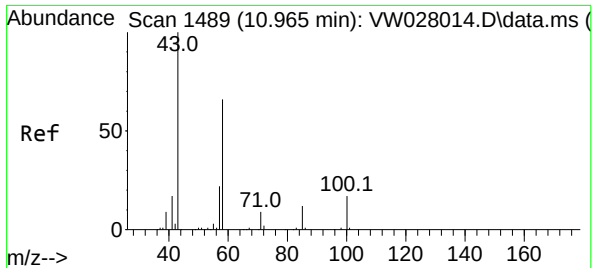
Tgt Ion: 75 Resp: 3195

Ion Ratio Lower Upper

75 100

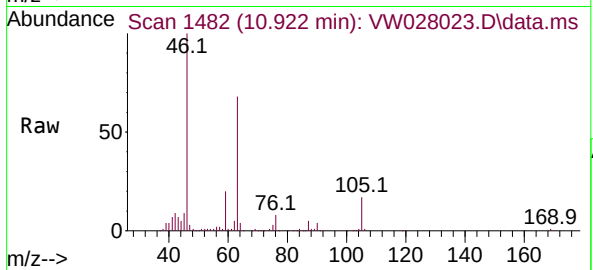
77 55.1 22.4 41.6#





#48
2-Hexanone
Concen: 3.931 ug/L
RT: 10.922 min Scan# 14
Delta R.T. -0.043 min
Lab File: VW028023.D
Acq: 15 Feb 2024 16:31

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 43	Resp:	4486
Ion	Ratio	Lower Upper
43	100	
58	20.0	51.4 77.2#
57	31.3	17.4 26.2#
100	1.2	14.4 21.6#

