

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031324\
 Data File : VW028169.D
 Acq On : 13 Mar 2024 15:36
 Operator : SY/MD
 Sample : P1742-07
 Misc : 5.01g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 14 01:31:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Mar 14 01:29:29 2024
 Response via : Initial Calibration

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

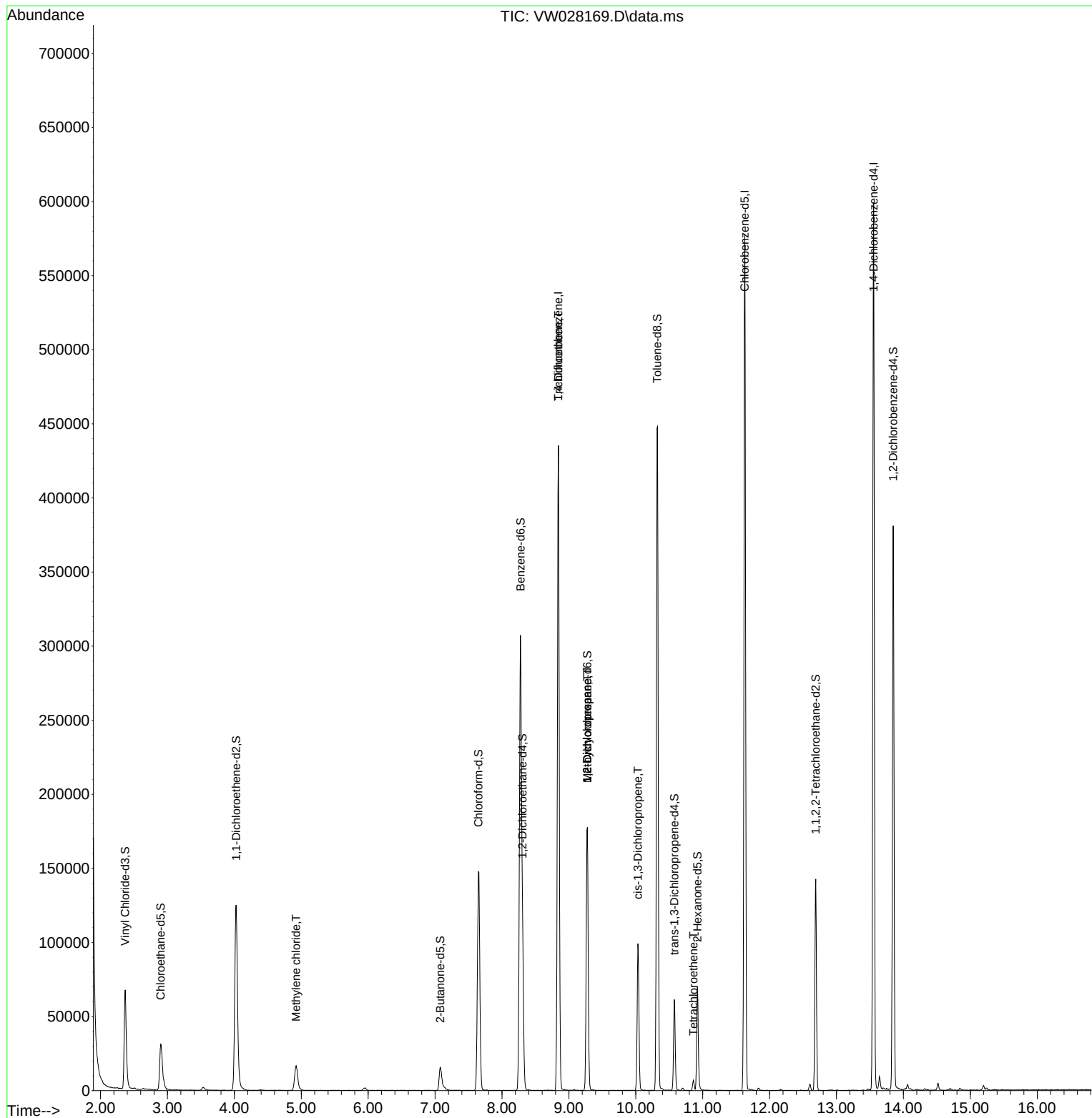
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	386794	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	349566	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	169385	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	96211	20.837	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.360%
7) Chloroethane-d5	2.899	69	54984	15.373	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.480%
11) 1,1-Dichloroethene-d2	4.027	65	40584	21.519	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.080%
21) 2-Butanone-d5	7.075	46	25442	38.628	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.260%
24) Chloroform-d	7.648	84	159870	19.514	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.040%
26) 1,2-Dichloroethane-d4	8.307	65	78729	20.649	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.600%
32) Benzene-d6	8.276	84	329233	20.175	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.720%
36) 1,2-Dichloropropane-d6	9.276	67	85569	20.295	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	81.200%
41) Toluene-d8	10.318	98	322129	20.947	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.800%
43) trans-1,3-Dichloroprop...	10.574	79	35534	19.232	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.920%
47) 2-Hexanone-d5	10.922	63	25253	42.523	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.040%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	68052	20.451	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.800%
66) 1,2-Dichlorobenzene-d4	13.848	152	108793	21.597	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.400%
Target Compounds						Qvalue
16) Methylene chloride	4.923	84	15460	2.906	ug/L	93
34) Trichloroethene	8.843	95	11082	2.003	ug/L #	4
35) Methylcyclohexane	9.276	83	23298	2.601	ug/L #	23
37) 1,2-Dichloropropane	9.276	63	9699	2.205	ug/L #	84
39) cis-1,3-Dichloropropene	10.032	75	2746	0.380	ug/L	83
46) Tetrachloroethene	10.861	164	1632	0.352	ug/L	90

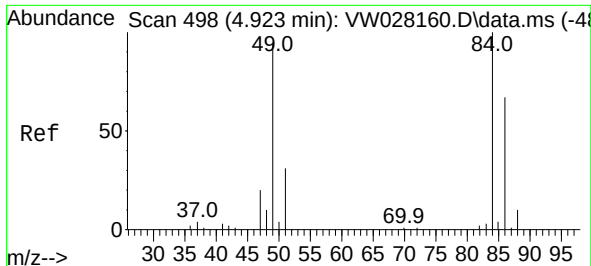
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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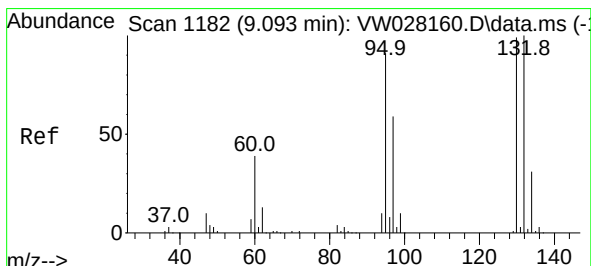
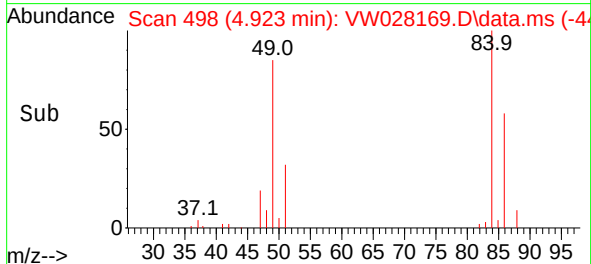
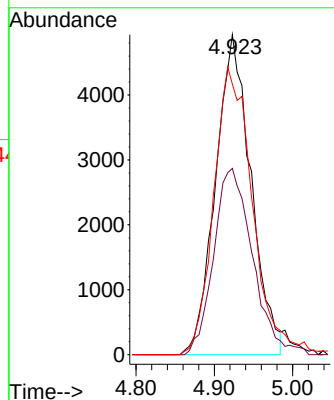
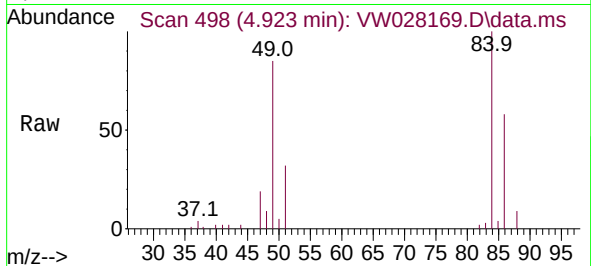




#16
Methylene chloride
Concen: 2.906 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.000 min
Lab File: VW028169.D
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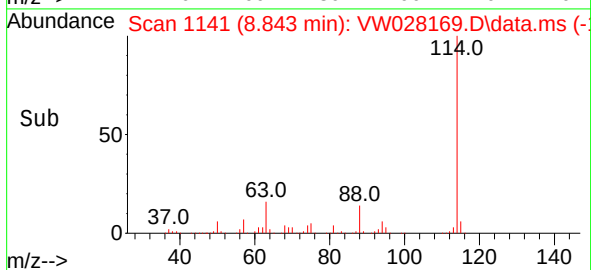
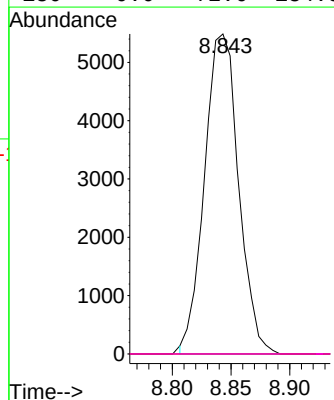
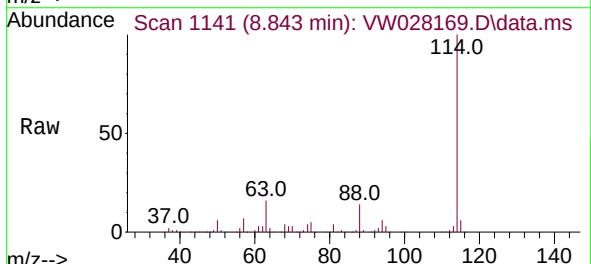
Instrument :
MSVOA_W
ClientSampleId :

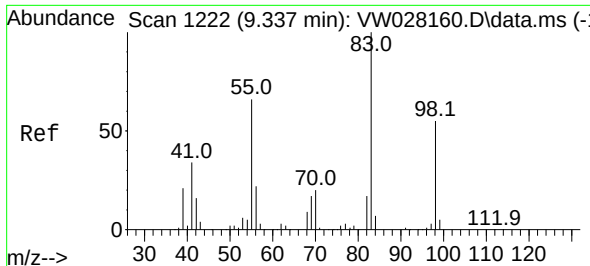
Tgt Ion: 84 Resp: 15460
Ion Ratio Lower Upper
84 100
86 58.2 41.2 76.6
49 84.5 66.5 123.5



#34
Trichloroethene
Concen: 2.003 ug/L
RT: 8.843 min Scan# 1141
Delta R.T. -0.250 min
Lab File: VW028169.D
Acq: 13 Mar 2024 15:36

Tgt Ion: 95 Resp: 11082
Ion Ratio Lower Upper
95 100
97 0.0 44.5 82.7#
132 0.0 68.3 126.9#
130 0.0 72.6 134.8#





#35

Methylcyclohexane

Concen: 2.601 ug/L

RT: 9.276 min Scan# 1212

Delta R.T. -0.061 min

Lab File: VW028169.D

Acq: 13 Mar 2024 15:36

Instrument :

MSVOA_W

ClientSampleId :

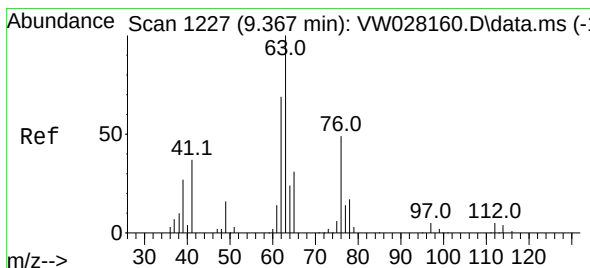
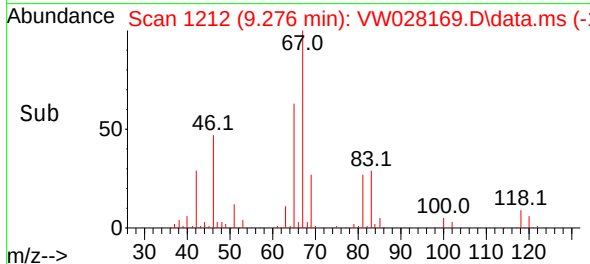
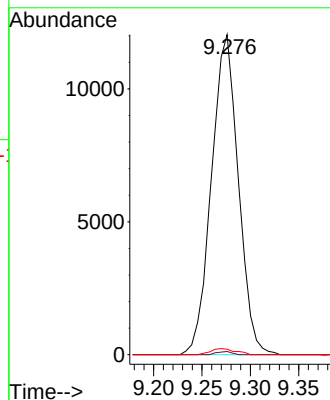
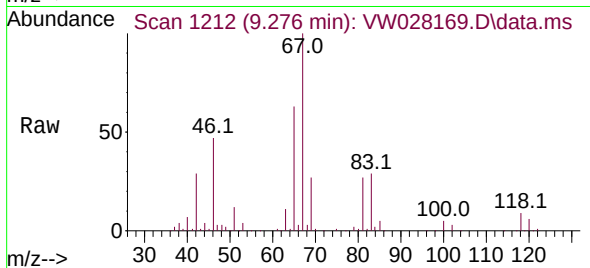
Tgt Ion: 83 Resp: 23298

Ion Ratio Lower Upper

83 100

55 0.5 52.1 78.1#

98 1.8 42.2 63.4#



#37

1,2-Dichloropropane

Concen: 2.205 ug/L

RT: 9.276 min Scan# 1212

Delta R.T. -0.091 min

Lab File: VW028169.D

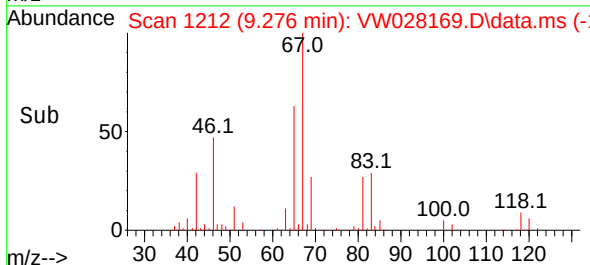
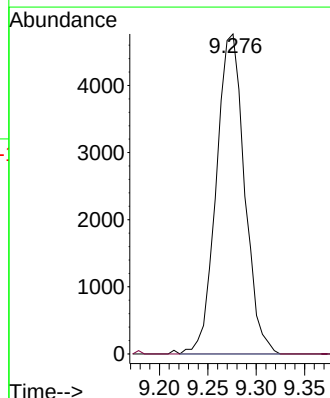
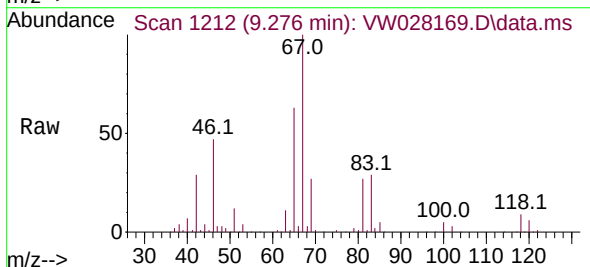
Acq: 13 Mar 2024 15:36

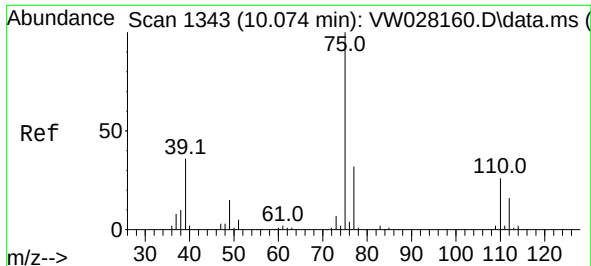
Tgt Ion: 63 Resp: 9699

Ion Ratio Lower Upper

63 100

112 0.0 4.4 6.6#





#39

cis-1,3-Dichloropropene

Concen: 0.380 ug/L

RT: 10.032 min Scan# 14

Delta R.T. -0.042 min

Lab File: VW028169.D

Acq: 13 Mar 2024 15:36

Instrument :

MSVOA_W

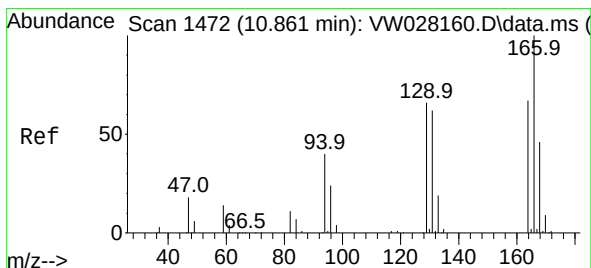
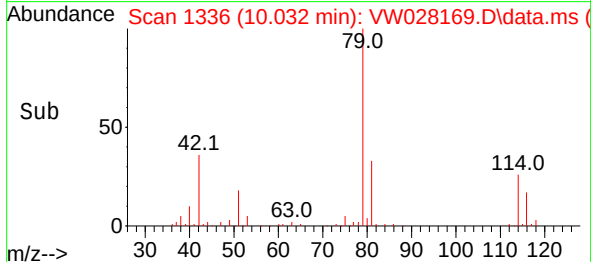
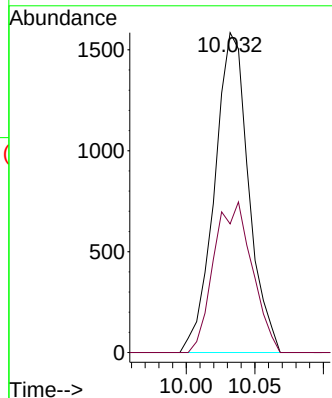
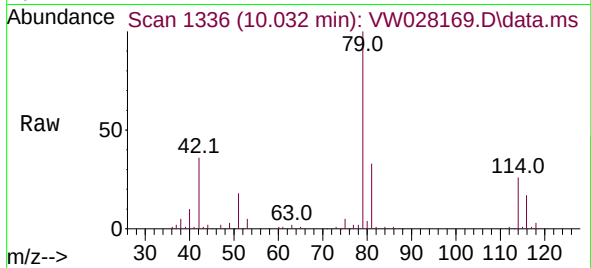
ClientSampleId :

Tgt Ion: 75 Resp: 2746

Ion Ratio Lower Upper

75 100

77 40.3 21.7 40.3



#46

Tetrachloroethene

Concen: 0.352 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW028169.D

Acq: 13 Mar 2024 15:36

Tgt Ion: 164 Resp: 1632

Ion Ratio Lower Upper

164 100

129 97.8 65.2 121.0

131 86.1 66.2 123.0

166 100.7 82.8 153.8

