

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071224\
 Data File : VW029562.D
 Acq On : 12 Jul 2024 19:56
 Operator : SY/MD
 Sample : P3230-07
 Misc : 6.43g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 12 23:30:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jul 12 23:17:28 2024
 Response via : Initial Calibration

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

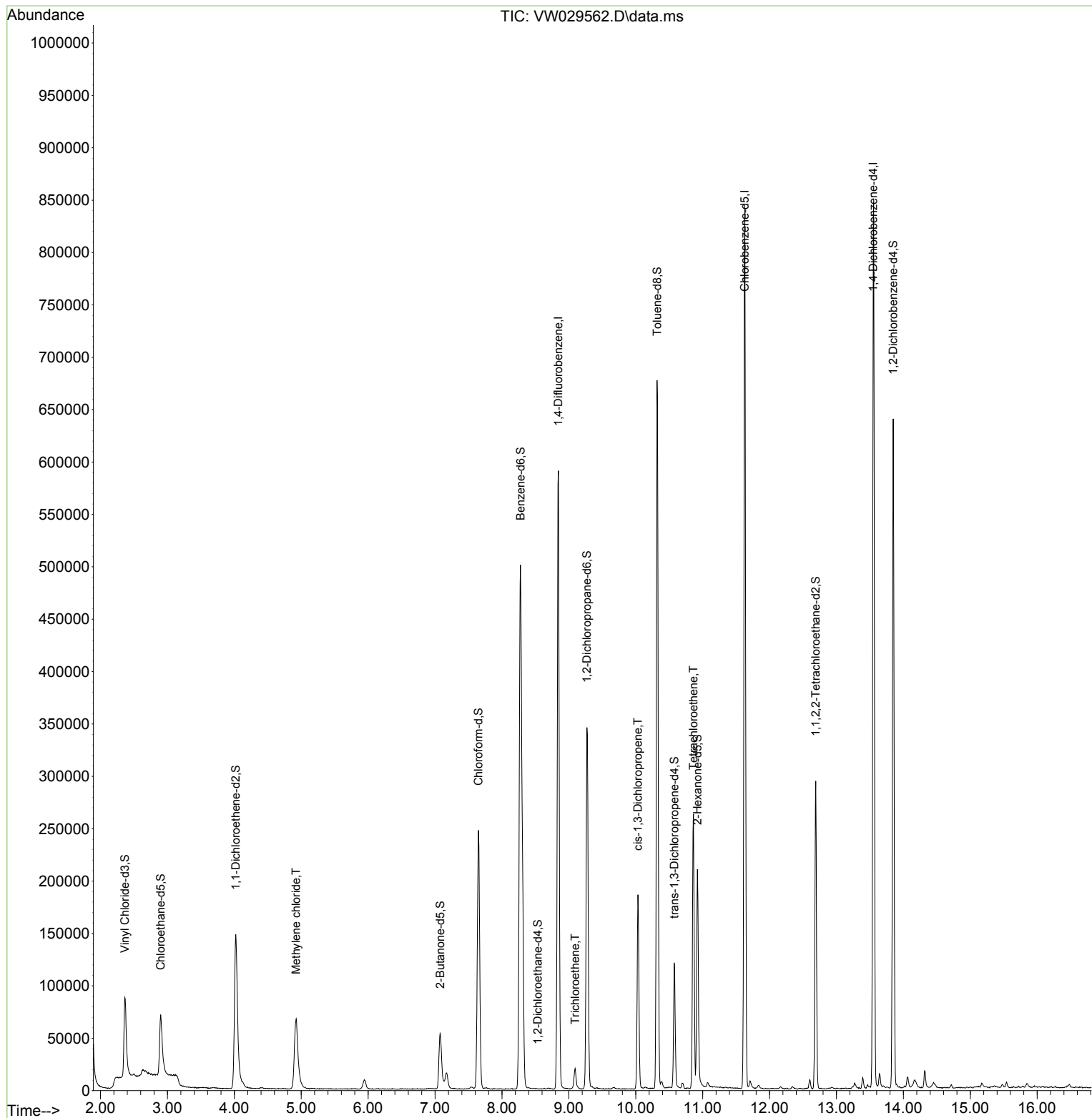
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	469301	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	440582	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	213900	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	121655	16.047	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.200%
7) Chloroethane-d5	2.899	69	93434	17.116	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.480%
11) 1,1-Dichloroethene-d2	4.021	65	58408	17.157	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.640%
21) 2-Butanone-d5	7.075	46	96706	42.493	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.980%
24) Chloroform-d	7.648	84	249188	18.367	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	73.480%
26) 1,2-Dichloroethane-d4	8.532	65	46	0.006	ug/L	0.23
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.040%#
32) Benzene-d6	8.276	84	496769	18.822	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	75.280%
36) 1,2-Dichloropropane-d6	9.270	67	165588	19.622	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	78.480%
41) Toluene-d8	10.319	98	433130	18.660	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.640%
43) trans-1,3-Dichloroprop...	10.575	79	63992	17.907	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	71.640%
47) 2-Hexanone-d5	10.922	63	71920	46.901	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.800%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	146077	21.320	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.280%
66) 1,2-Dichlorobenzene-d4	13.849	152	148801	19.975	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	79.920%
Target Compounds						
					Qvalue	
16) Methylene chloride	4.923	84	59638	7.098	ug/L	100
34) Trichloroethene	9.093	95	6405	0.880	ug/L	94
39) cis-1,3-Dichloropropene	10.032	75	4660	0.407	ug/L #	65
46) Tetrachloroethene	10.861	164	55717	10.773	ug/L	85

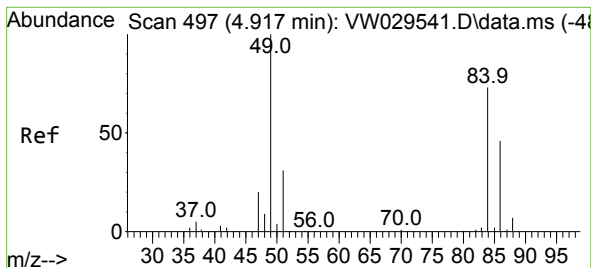
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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Response via : Initial Calibration





#16

Methylene chloride

Concen: 7.098 ug/L

RT: 4.923 min Scan# 49

Delta R.T. 0.006 min

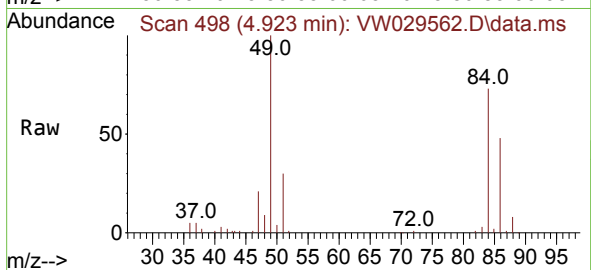
Lab File: VW029562.D

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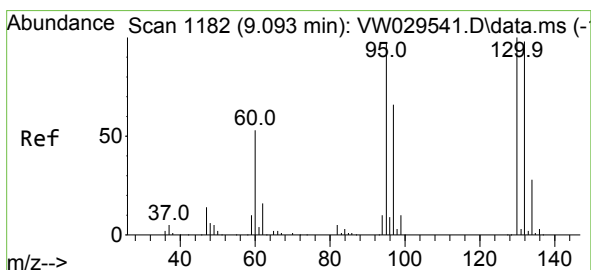
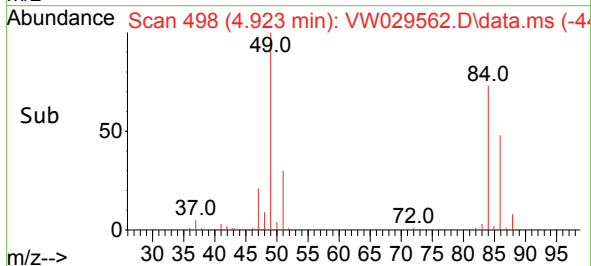
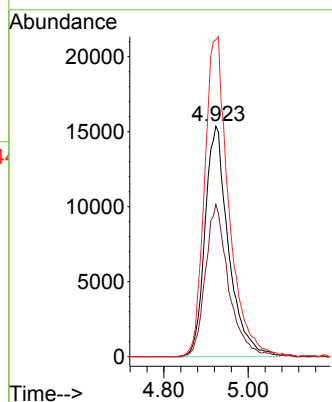
Tgt Ion: 84 Resp: 59638

Ion Ratio Lower Upper

84 100

86 66.1 46.2 85.8

49 137.6 96.7 179.7



#34

Trichloroethene

Concen: 0.880 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW029562.D

Acq: 12 Jul 2024 19:56

Tgt Ion: 95 Resp: 6405

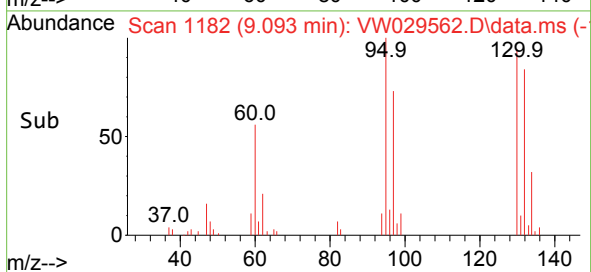
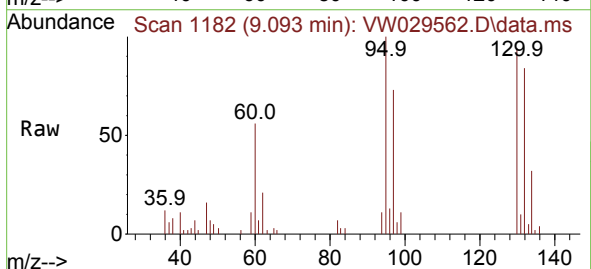
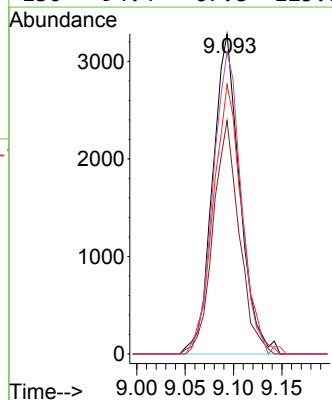
Ion Ratio Lower Upper

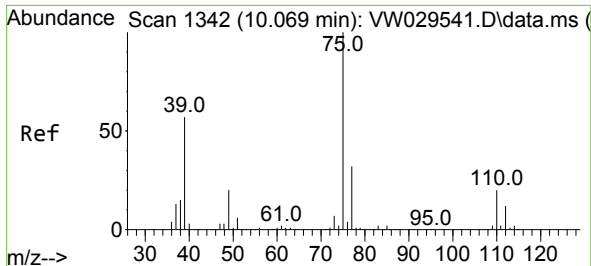
95 100

97 73.0 47.3 87.9

132 84.2 65.8 122.2

130 94.4 67.8 125.8

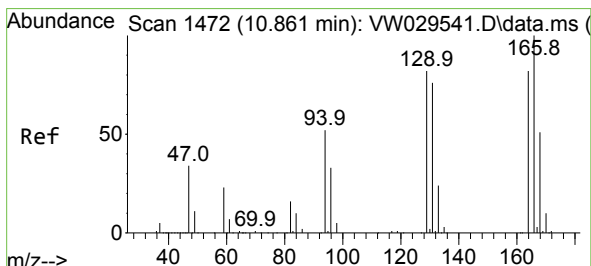
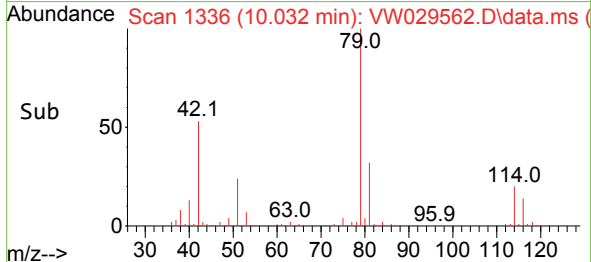
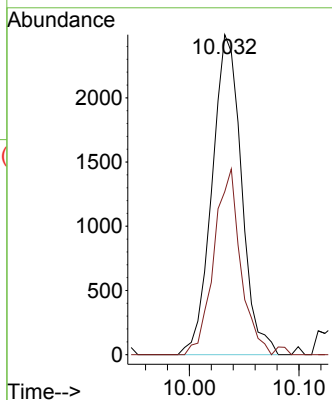
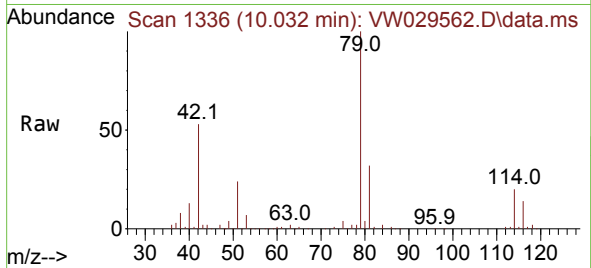




#39
cis-1,3-Dichloropropene
Concen: 0.407 ug/L
RT: 10.032 min Scan# 11
Delta R.T. -0.037 min
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Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 75 Resp: 4660
Ion Ratio Lower Upper
75 100
77 50.9 22.2 41.2#



#46
Tetrachloroethene
Concen: 10.773 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW029562.D
Acq: 12 Jul 2024 19:56

Tgt Ion:164 Resp: 55717
Ion Ratio Lower Upper
164 100
129 103.7 60.0 111.4
131 99.4 64.6 120.0
166 134.5 80.4 149.2

