

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121523\
 Data File : VW027654.D
 Acq On : 15 Dec 2023 23:07
 Operator : SY/MD
 Sample : 05834-11
 Misc : 5.08g/10mL/MSVOA_W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGR23

Quant Time: Dec 16 01:41:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Dec 16 00:05:51 2023
 Response via : Initial Calibration

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

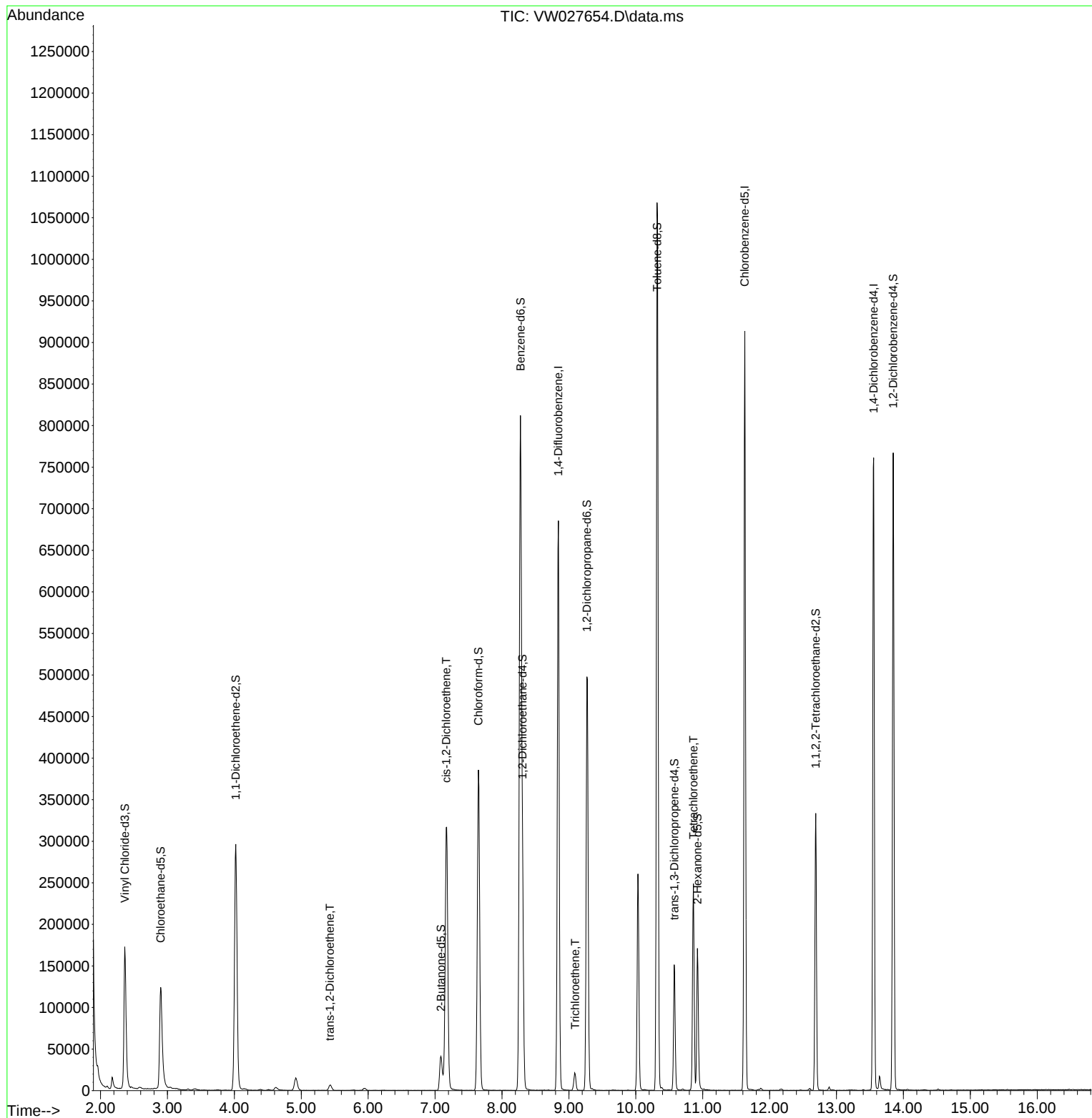
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	610734	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	519925	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	215206	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	232833	26.919	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.680%
7) Chloroethane-d5	2.899	69	193603	28.748	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	115.000%
11) 1,1-Dichloroethene-d2	4.021	65	90441	26.108	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	104.440%
21) 2-Butanone-d5	7.087	46	72765	49.404	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.800%
24) Chloroform-d	7.648	84	406780	27.991	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	111.960%
26) 1,2-Dichloroethane-d4	8.307	65	192039	28.144	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.560%
32) Benzene-d6	8.276	84	901193	29.658	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	118.640%
36) 1,2-Dichloropropane-d6	9.270	67	257267	29.885	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	119.520%
41) Toluene-d8	10.319	98	750731	26.629	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.520%
43) trans-1,3-Dichloroprop...	10.575	79	86342	25.905	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.640%
47) 2-Hexanone-d5	10.922	63	62342	49.694	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.380%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	175392	26.941	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.760%
66) 1,2-Dichlorobenzene-d4	13.848	152	208084	27.012	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.040%
Target Compounds						Qvalue
17) trans-1,2-Dichloroethene	5.429	96	4589	0.580	ug/L	97
20) cis-1,2-Dichloroethene	7.167	96	208526	25.041	ug/L	97
34) Trichloroethene	9.093	95	6342	0.772	ug/L	89
46) Tetrachloroethene	10.861	164	56799	8.658	ug/L	97

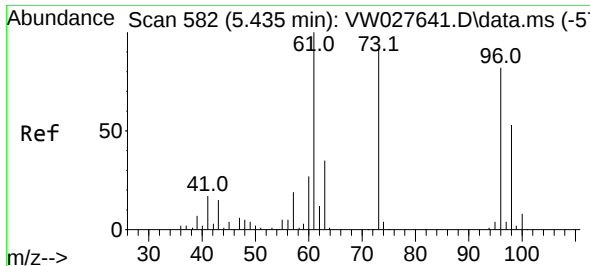
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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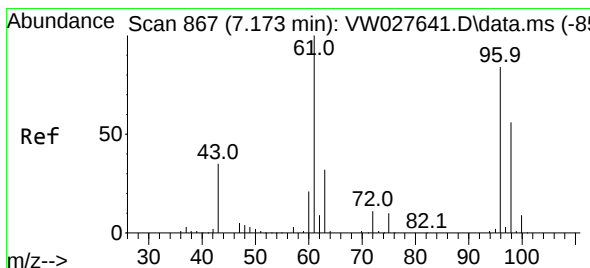
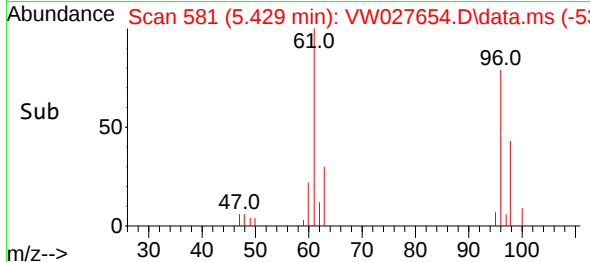
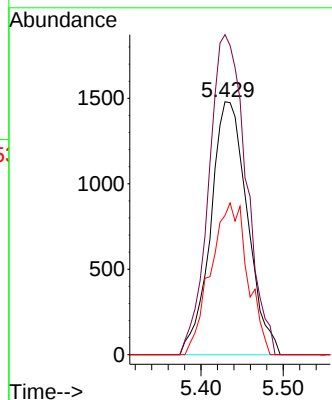
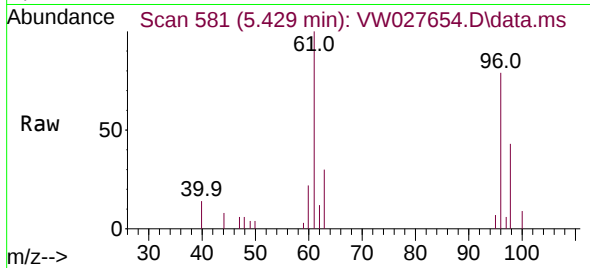




#17
trans-1,2-Dichloroethene
Concen: 0.580 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.006 min
Lab File: VW027654.D
Acq: 15 Dec 2023 23:07

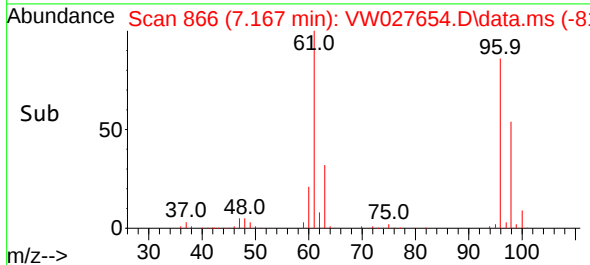
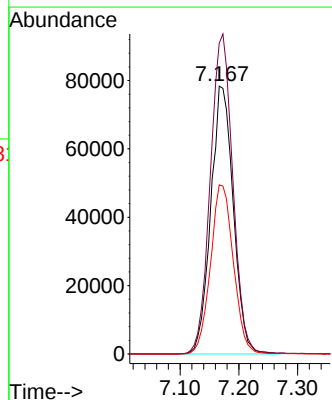
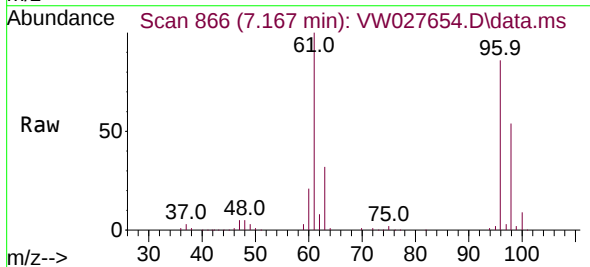
Instrument :
MSVOA_W
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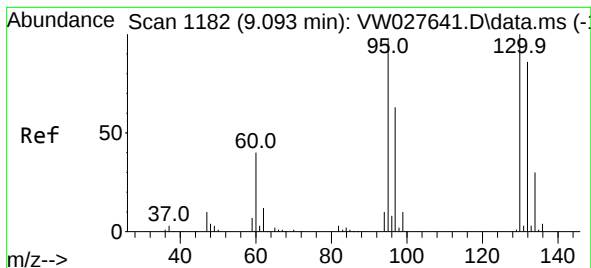
Tgt Ion: 96 Resp: 4589
Ion Ratio Lower Upper
96 100
61 126.5 88.5 164.3
98 55.0 42.9 79.7



#20
cis-1,2-Dichloroethene
Concen: 25.041 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW027654.D
Acq: 15 Dec 2023 23:07

Tgt Ion: 96 Resp: 208526
Ion Ratio Lower Upper
96 100
61 116.0 83.5 155.1
98 63.1 46.5 86.5





#34

Trichloroethene

Concen: 0.772 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW027654.D

Acq: 15 Dec 2023 23:07

Instrument :

MSVOA_W

ClientSampleId :

BGR23

Tgt Ion: 95 Resp: 6342

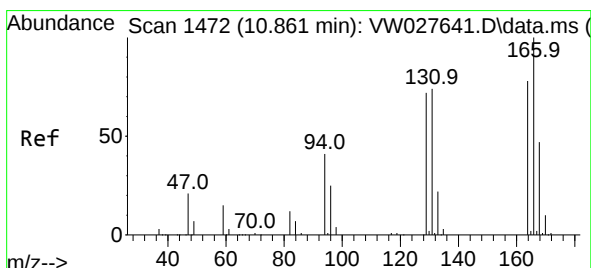
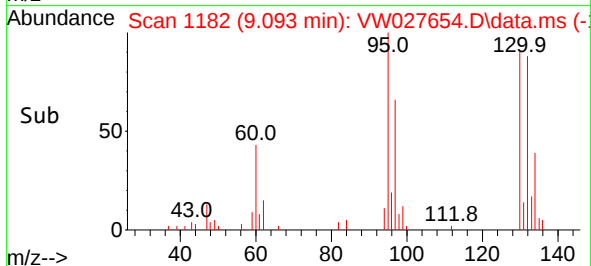
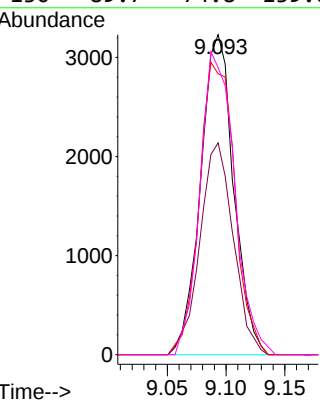
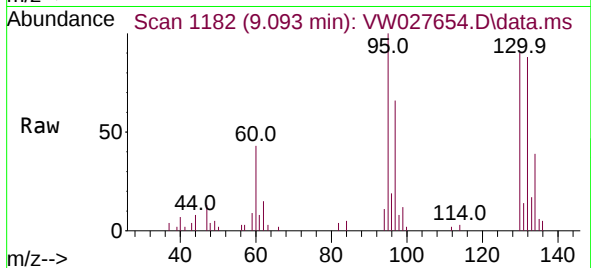
Ion Ratio Lower Upper

95 100

97 66.2 45.9 85.3

132 87.7 70.4 130.8

130 89.7 74.8 139.0



#46

Tetrachloroethene

Concen: 8.658 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW027654.D

Acq: 15 Dec 2023 23:07

Tgt Ion:164 Resp: 56799

Ion Ratio Lower Upper

164 100

129 106.1 70.5 130.9

131 94.7 64.8 120.3

166 138.2 94.8 176.0

