

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW033123\
 Data File : VW025533.D
 Acq On : 31 Mar 2023 15:25
 Operator : SY/MD
 Sample : 02151-05
 Misc : 4.35g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 01 00:39:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Apr 01 00:35:04 2023
 Response via : Initial Calibration

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

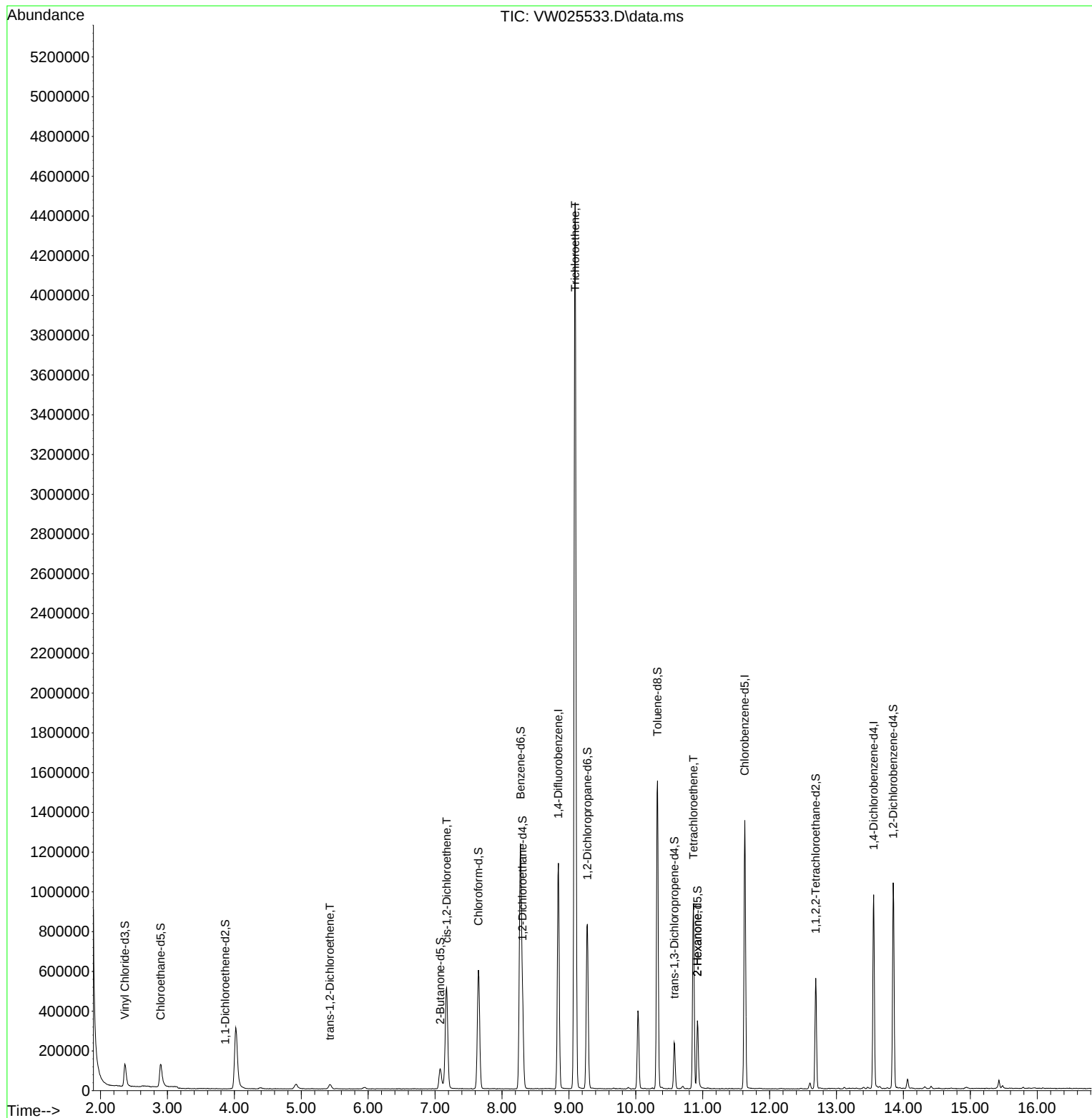
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	892889	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	699134	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	238118	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.362	65	167828	11.305	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	45.200%
7) Chloroethane-d5	2.899	69	178878	16.745	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.000%
11) 1,1-Dichloroethene-d2	3.862	63	82	0.003	ug/L	-0.17
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.000%#
21) 2-Butanone-d5	7.075	46	181539	49.817	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.640%
24) Chloroform-d	7.648	84	594627	23.101	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.400%
26) 1,2-Dichloroethane-d4	8.306	65	331095	23.965	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.840%
32) Benzene-d6	8.276	84	1223487	25.611	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.440%
36) 1,2-Dichloropropane-d6	9.276	67	399095	27.005	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.000%
41) Toluene-d8	10.324	98	999810	23.738	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.960%
43) trans-1,3-Dichloroprop...	10.574	79	124927	21.229	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.920%
47) 2-Hexanone-d5	10.922	63	113665	53.487	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.980%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	281290	25.980	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.920%
66) 1,2-Dichlorobenzene-d4	13.848	152	243877	27.541	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	110.160%
Target Compounds						Qvalue
17) trans-1,2-Dichloroethene	5.429	96	13318	1.141	ug/L	98
20) cis-1,2-Dichloroethene	7.172	96	295058	23.088	ug/L #	92
34) Trichloroethene	9.093	95	1569159	133.753	ug/L	98
46) Tetrachloroethene	10.861	164	195920	23.470	ug/L	97
48) 2-Hexanone	10.922	43	16900	3.176	ug/L #	64

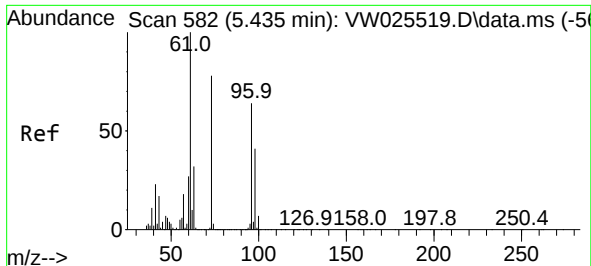
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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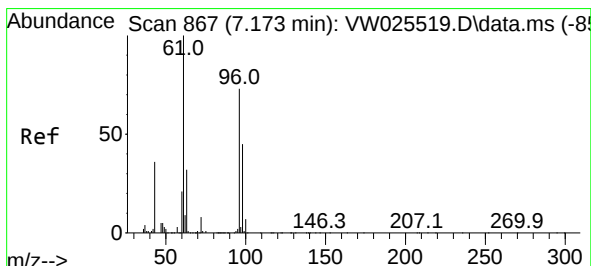
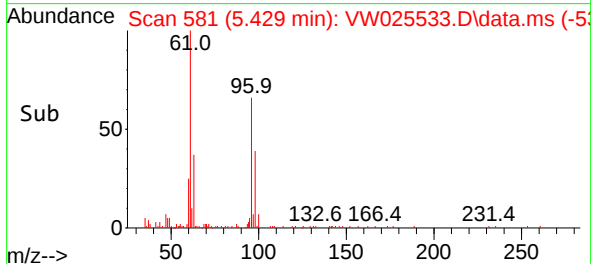
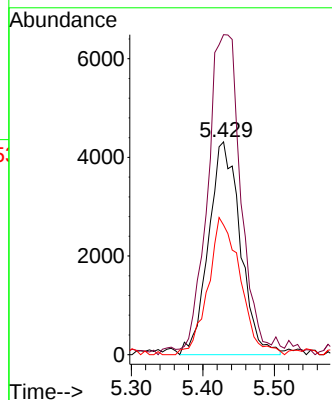
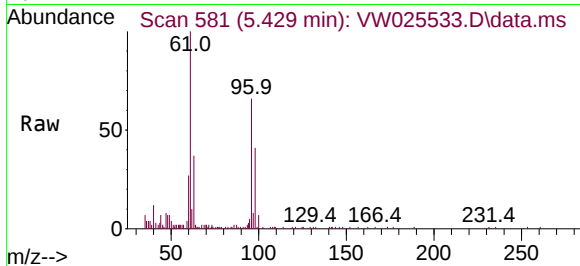




#17
trans-1,2-Dichloroethene
Concen: 1.141 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.007 min
Lab File: VW025533.D
Acq: 31 Mar 2023 15:25

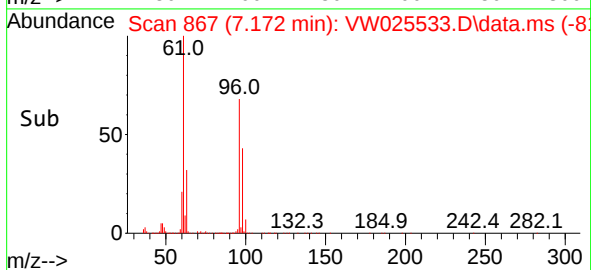
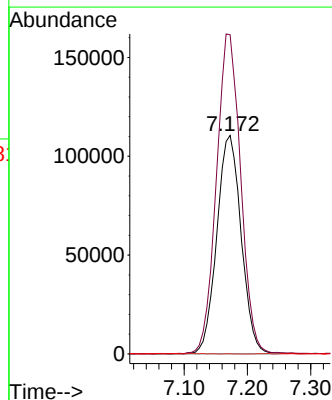
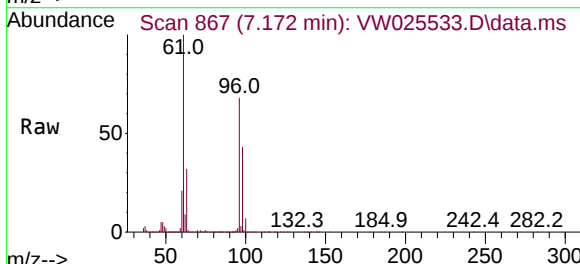
Instrument :
MSVOA_W
ClientSampleId :

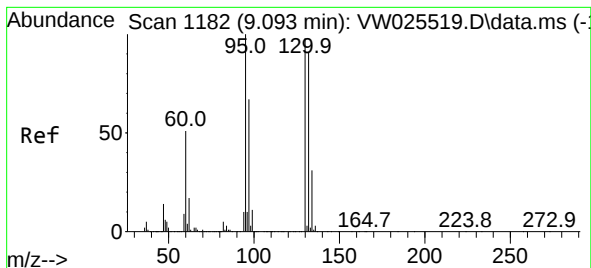
Tgt Ion: 96 Resp: 13318
Ion Ratio Lower Upper
96 100
61 150.4 103.0 191.4
98 60.9 43.4 80.6



#20
cis-1,2-Dichloroethene
Concen: 23.088 ug/L
RT: 7.172 min Scan# 867
Delta R.T. -0.000 min
Lab File: VW025533.D
Acq: 31 Mar 2023 15:25

Tgt Ion: 96 Resp: 295058
Ion Ratio Lower Upper
96 100
61 146.1 95.5 177.4
68 0.0 0.1 0.1#





#34

Trichloroethene

Concen: 133.753 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

Lab File: VW025533.D

Acq: 31 Mar 2023 15:25

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 1569159

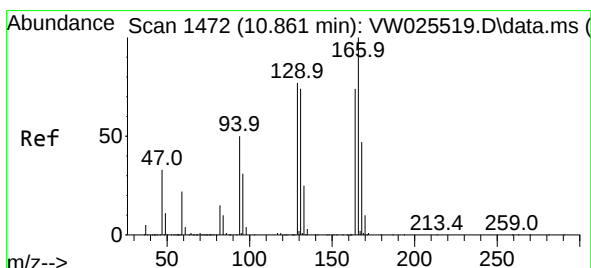
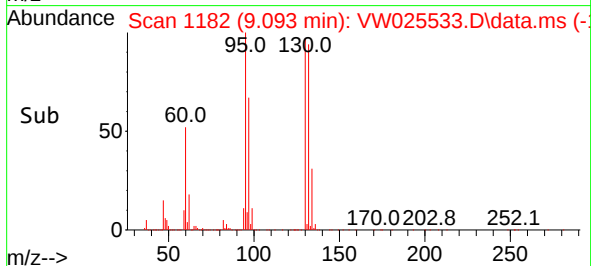
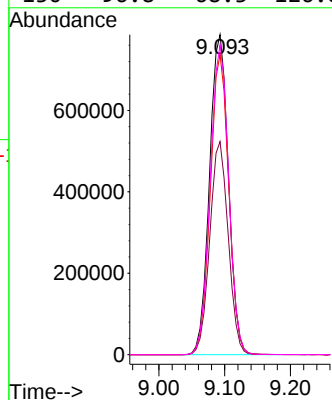
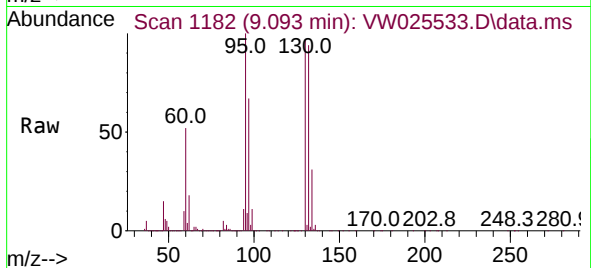
Ion Ratio Lower Upper

95 100

97 66.6 43.8 81.4

132 93.8 65.9 122.3

130 96.8 68.3 126.8



#46

Tetrachloroethene

Concen: 23.470 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW025533.D

Acq: 31 Mar 2023 15:25

Tgt Ion:164 Resp: 195920

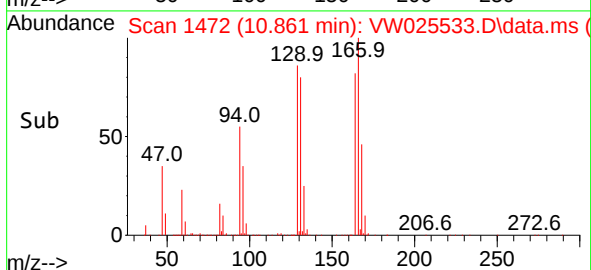
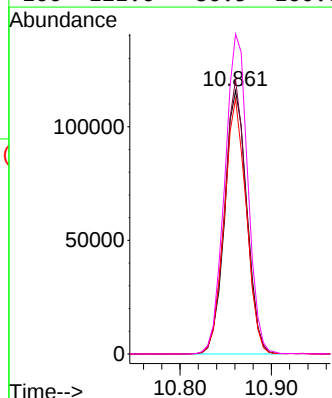
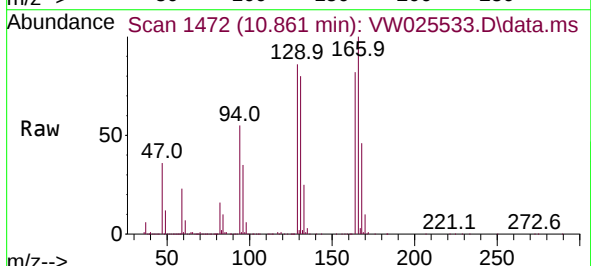
Ion Ratio Lower Upper

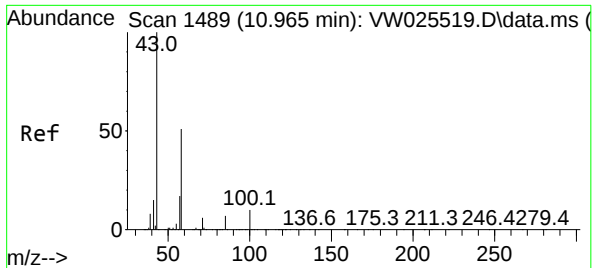
164 100

129 104.2 67.7 125.7

131 97.0 67.0 124.4

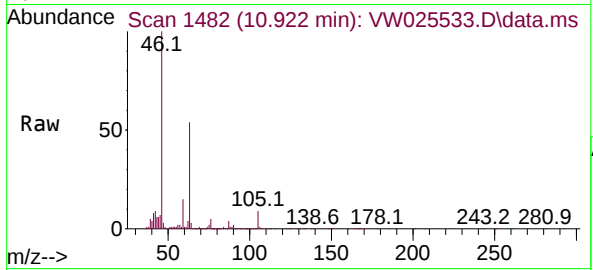
166 121.6 86.5 160.7





#48
 2-Hexanone
 Concen: 3.176 ug/L
 RT: 10.922 min Scan# 14
 Delta R.T. -0.043 min
 Lab File: VW025533.D
 Acq: 31 Mar 2023 15:25

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion: 43	Resp:	16900
Ion	Ratio	Lower Upper
43	100	
58	21.2	41.2 61.8#
57	27.8	14.2 21.4#
100	1.3	8.5 12.7#

