

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW033123\
 Data File : VW025529.D
 Acq On : 31 Mar 2023 13:50
 Operator : SY/MD
 Sample : 02130-07RE
 Misc : 6.41g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C1196RE

Quant Time: Apr 01 00:38:13 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)

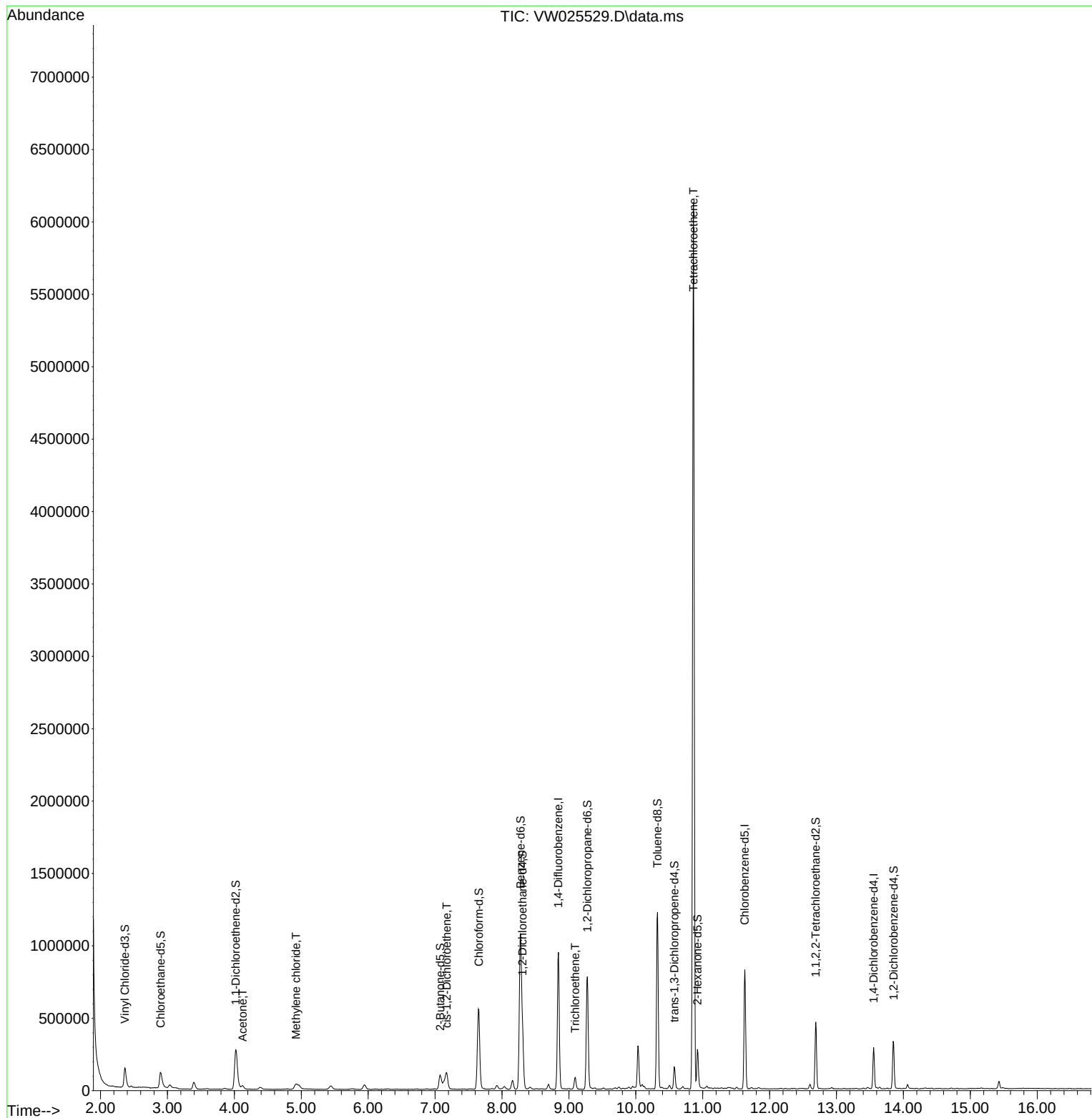
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	749165	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	430391	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	68592	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.362	65	147040	11.804	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	47.200%
7) Chloroethane-d5	2.899	69	168453	18.795	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.160%
11) 1,1-Dichloroethene-d2	4.021	63	335343	13.939	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.760%
21) 2-Butanone-d5	7.075	46	178629	58.423	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.840%
24) Chloroform-d	7.654	84	559302	25.897	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.600%
26) 1,2-Dichloroethane-d4	8.306	65	290255	25.039	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.160%
32) Benzene-d6	8.276	84	1075927	36.586	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	146.360%#
36) 1,2-Dichloropropane-d6	9.276	67	373081	41.008	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	164.040%#
41) Toluene-d8	10.324	98	797249	30.748	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	123.000%
43) trans-1,3-Dichloroprop...	10.574	79	80818	22.309	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.240%
47) 2-Hexanone-d5	10.922	63	93717	71.636	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	143.280%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	234026	35.111	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	140.440%#
66) 1,2-Dichlorobenzene-d4	13.854	152	81414	31.918	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	127.680%#
Target Compounds					Qvalue	
13) Acetone	4.124	43	38564	13.121	ug/L	99
16) Methylene chloride	4.923	84	26315	2.523	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	59830	5.580	ug/L #	90
34) Trichloroethene	9.093	95	27920	3.866	ug/L	96
46) Tetrachloroethene	10.861	164	1278123	248.721	ug/L	96

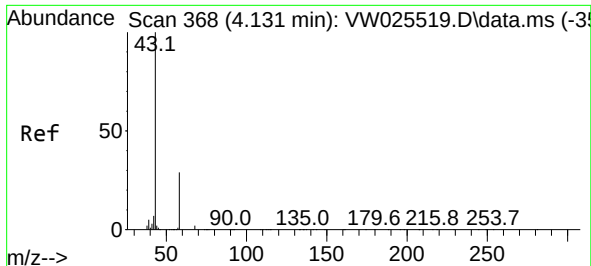
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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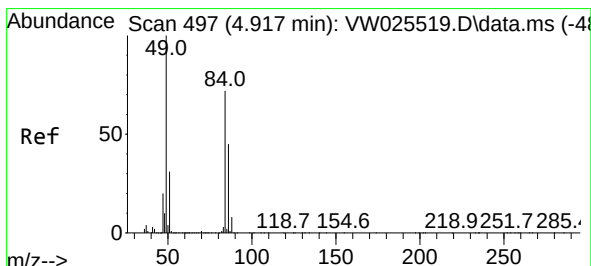
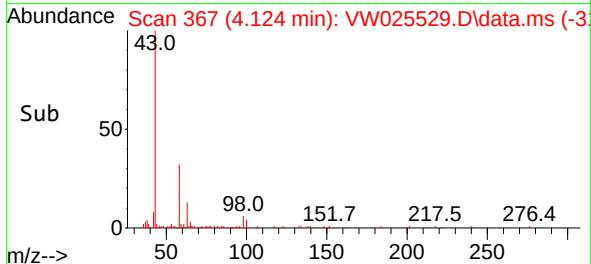
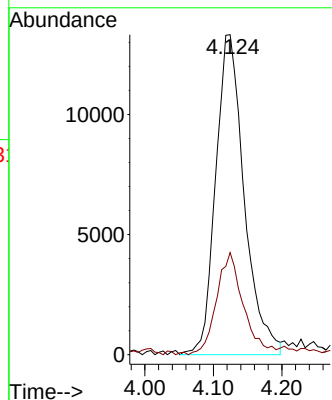
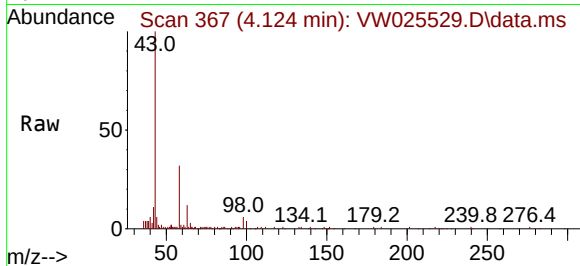




#13
Acetone
Concen: 13.121 ug/L
RT: 4.124 min Scan# 367
Delta R.T. -0.006 min
Lab File: VW025529.D
Acq: 31 Mar 2023 13:50

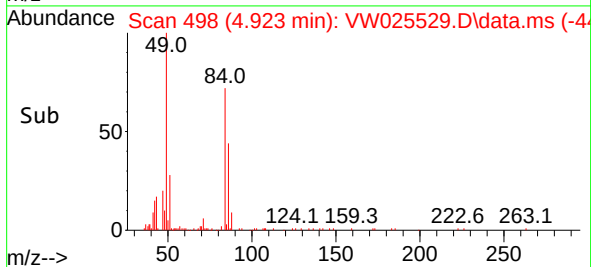
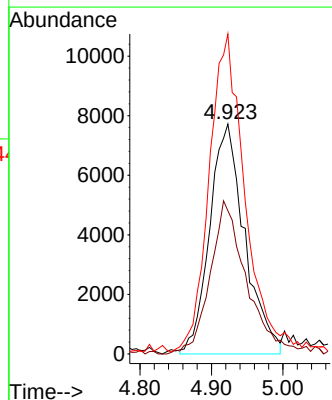
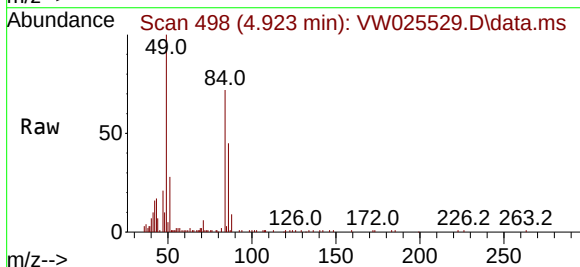
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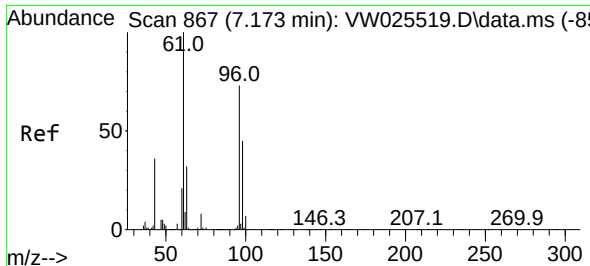
Tgt Ion: 43 Resp: 38564
Ion Ratio Lower Upper
43 100
58 29.3 0.0 60.0



#16
Methylene chloride
Concen: 2.523 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW025529.D
Acq: 31 Mar 2023 13:50

Tgt Ion: 84 Resp: 26315
Ion Ratio Lower Upper
84 100
86 62.3 45.1 83.7
49 139.2 94.7 175.9

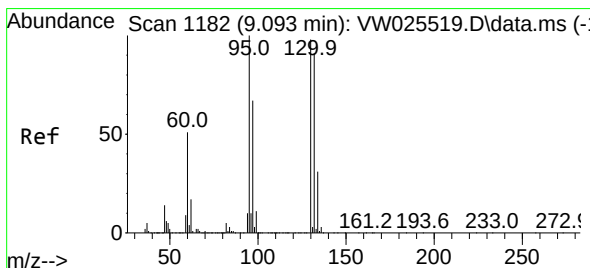
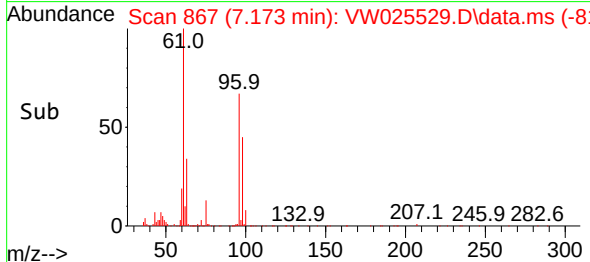
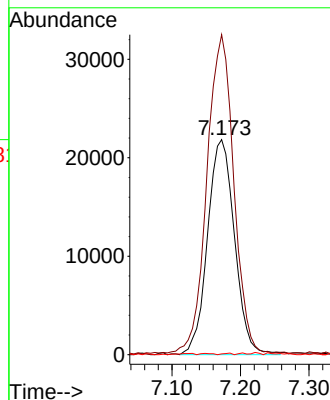
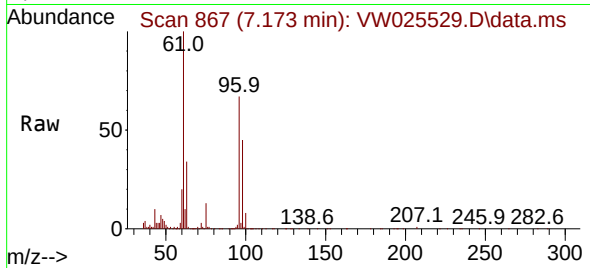




#20
cis-1,2-Dichloroethene
Concen: 5.580 ug/L
RT: 7.173 min Scan# 867
Delta R.T. -0.000 min
Lab File: VW025529.D
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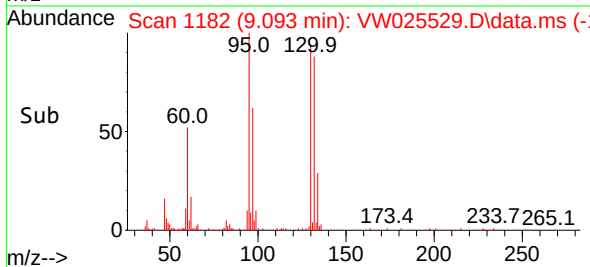
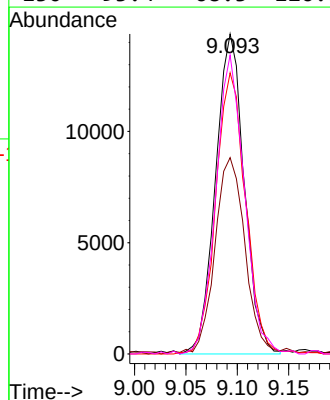
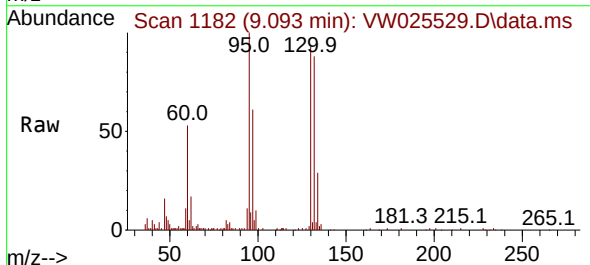
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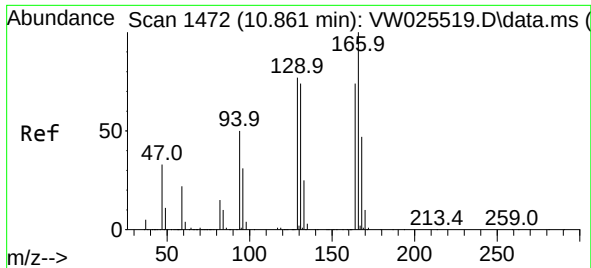
Tgt Ion: 96 Resp: 59830
Ion Ratio Lower Upper
96 100
61 148.8 95.5 177.4
68 0.4 0.1 0.1#



#34
Trichloroethene
Concen: 3.866 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. -0.000 min
Lab File: VW025529.D
Acq: 31 Mar 2023 13:50

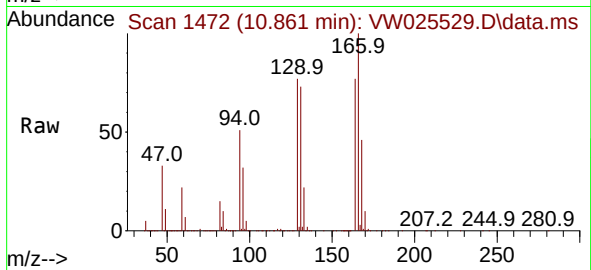
Tgt Ion: 95 Resp: 27920
Ion Ratio Lower Upper
95 100
97 61.4 43.8 81.4
132 87.8 65.9 122.3
130 93.4 68.3 126.8





#46
 Tetrachloroethene
 Concen: 248.721 ug/L
 RT: 10.861 min Scan# 14
 Delta R.T. -0.000 min
 Lab File: VW025529.D
 Acq: 31 Mar 2023 13:50

Instrument :
 MSVOA_W
 ClientSampleId :
 C1196RE



Tgt Ion:164 Resp: 1278123

Ion	Ratio	Lower	Upper
164	100		
129	100.1	67.7	125.7
131	95.2	67.0	124.4
166	130.2	86.5	160.7

