

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071922\
 Data File : VW023930.D
 Acq On : 20 Jul 2022 12:12
 Operator : SY/VA
 Sample : N3744-07
 Misc : 5.71g/10mL/MSVOA_W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F5C82

Quant Time: Jul 20 23:08:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jul 20 06:30:31 2022
 Response via : Initial Calibration

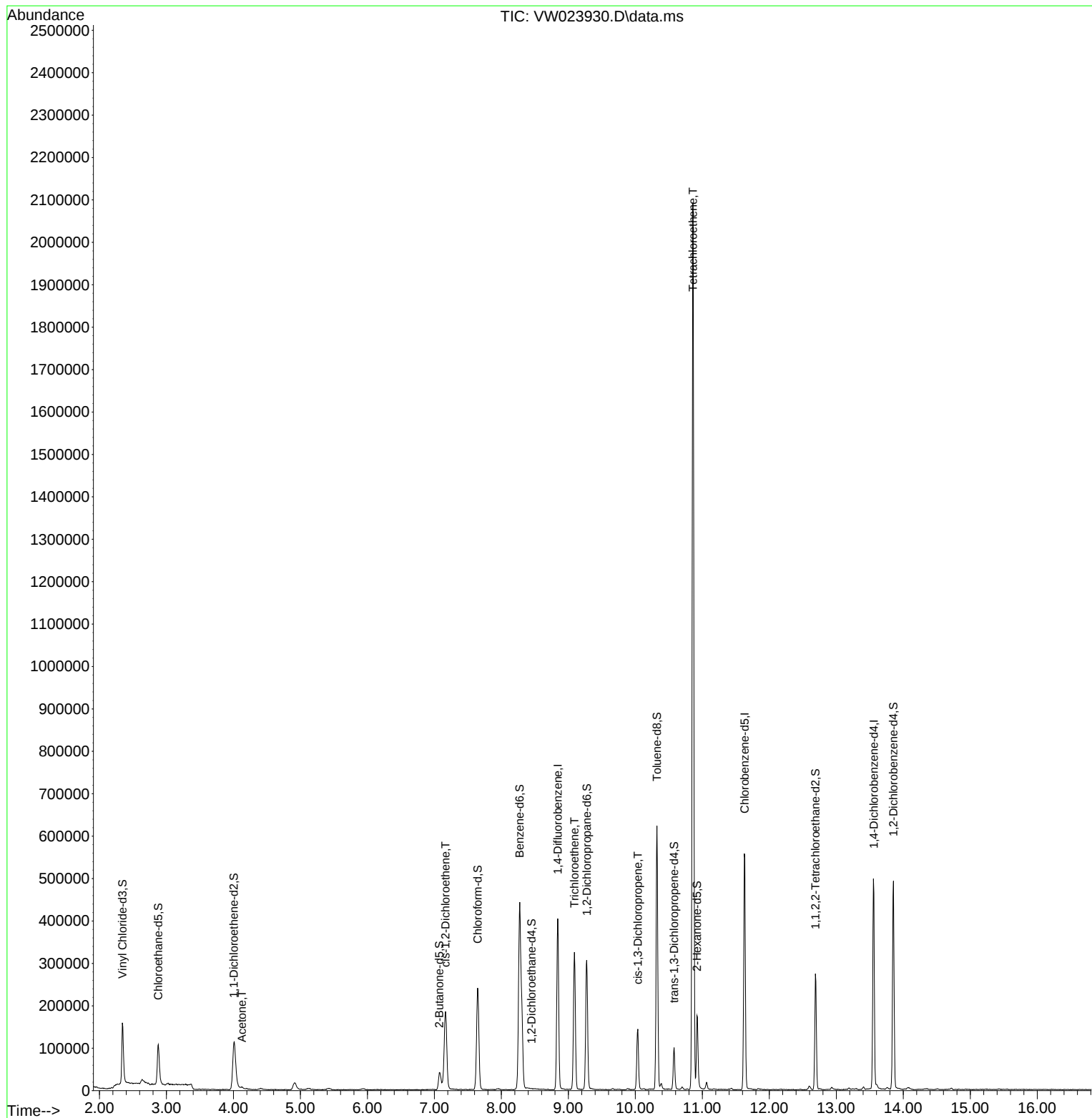
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	325662	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	305921	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	122551	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	150297	18.070	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.280%
7) Chloroethane-d5	2.879	69	113701	20.491	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.960%
11) 1,1-Dichloroethene-d2	4.007	63	122823	18.134	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.520%
21) 2-Butanone-d5	7.074	46	64038	49.636	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.280%
24) Chloroform-d	7.647	84	234650	24.748	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.000%
26) 1,2-Dichloroethane-d4	8.451	65	221	0.038	ug/L	0.15
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.160%#
32) Benzene-d6	8.274	84	439269	27.622	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	110.480%
36) 1,2-Dichloropropane-d6	9.274	67	133989	27.971	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	111.880%
41) Toluene-d8	10.323	98	397797	24.661	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.640%
43) trans-1,3-Dichloroprop...	10.579	79	51676	23.015	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.040%
47) 2-Hexanone-d5	10.920	63	57407	56.992	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.980%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	129456	24.454	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.800%
66) 1,2-Dichlorobenzene-d4	13.853	152	117727	26.910	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.640%
Target Compounds						
13) Acetone	4.129	43	6371	6.985	ug/L	78
20) cis-1,2-Dichloroethene	7.165	96	100854	21.735	ug/L #	91
34) Trichloroethene	9.091	95	108006	23.527	ug/L	90
39) cis-1,3-Dichloropropene	10.036	75	4576	0.697	ug/L	92
46) Tetrachloroethene	10.859	164	425806	119.956	ug/L	93

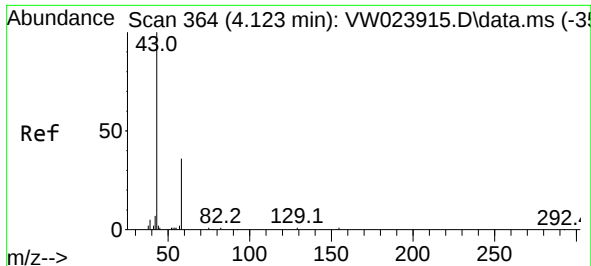
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 6.985 ug/L

RT: 4.129 min Scan# 3

Delta R.T. 0.006 min

Lab File: VW023930.D

Acq: 20 Jul 2022 12:12

Instrument :

MSVOA_W

ClientSampleId :

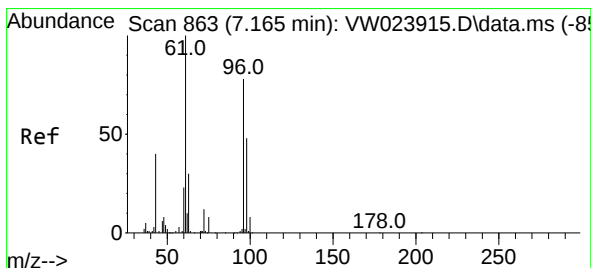
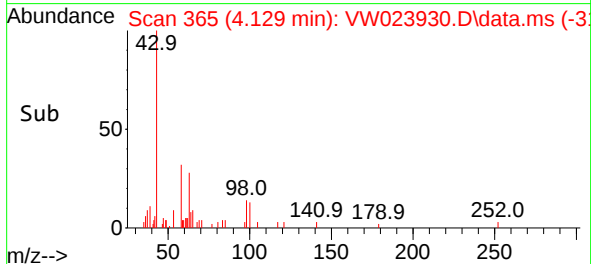
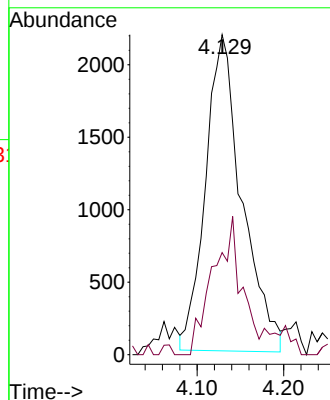
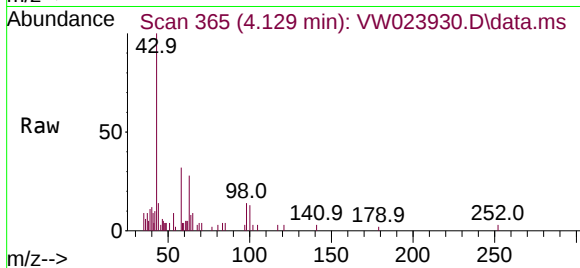
F5C82

Tgt Ion: 43 Resp: 6371

Ion Ratio Lower Upper

43 100

58 19.7 0.0 64.2



#20

cis-1,2-Dichloroethene

Concen: 21.735 ug/L

RT: 7.165 min Scan# 863

Delta R.T. 0.000 min

Lab File: VW023930.D

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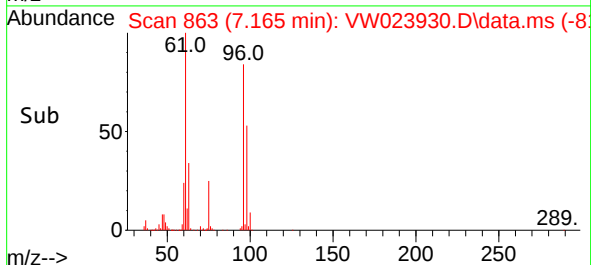
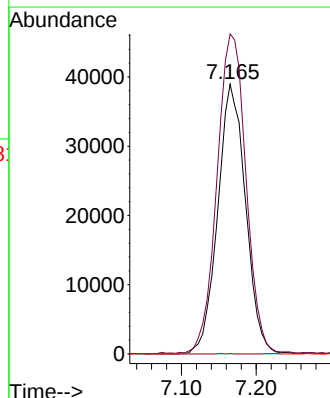
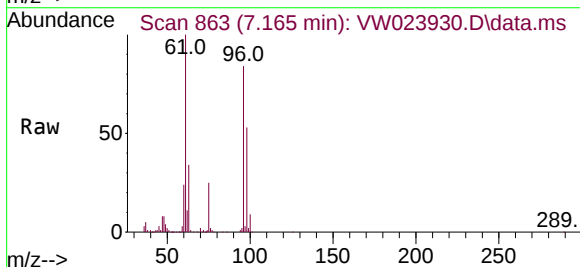
Tgt Ion: 96 Resp: 100854

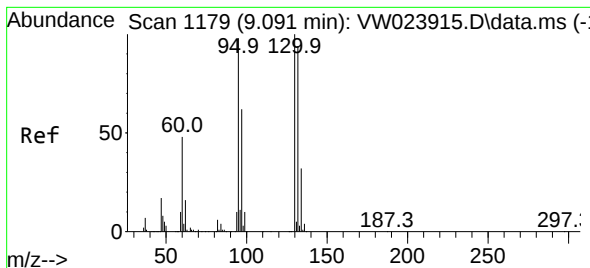
Ion Ratio Lower Upper

96 100

61 118.6 90.6 168.2

68 0.2 0.2 0.4#





#34

Trichloroethene

Concen: 23.527 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW023930.D

Acq: 20 Jul 2022 12:12

Instrument :

MSVOA_W

ClientSampleId :

F5C82

Tgt Ion: 95 Resp: 108006

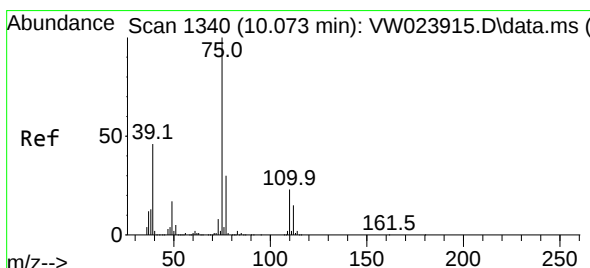
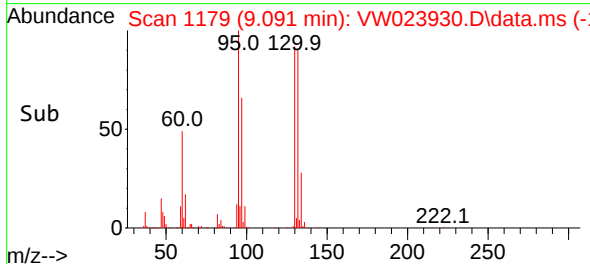
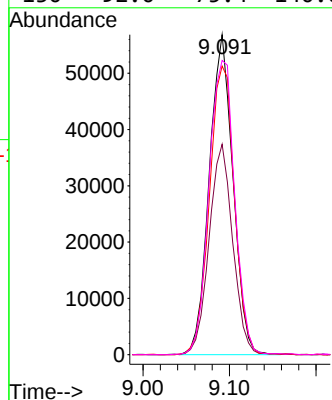
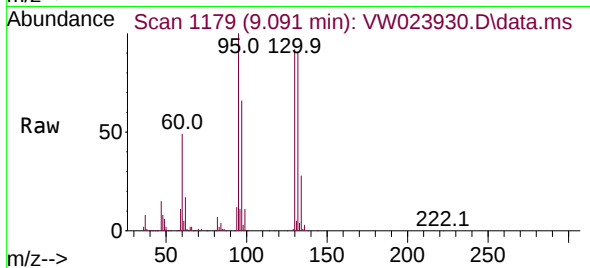
Ion Ratio Lower Upper

95 100

97 65.8 45.6 84.8

132 90.2 69.9 129.7

130 92.0 75.4 140.0



#39

cis-1,3-Dichloropropene

Concen: 0.697 ug/L

RT: 10.036 min Scan# 1334

Delta R.T. -0.037 min

Lab File: VW023930.D

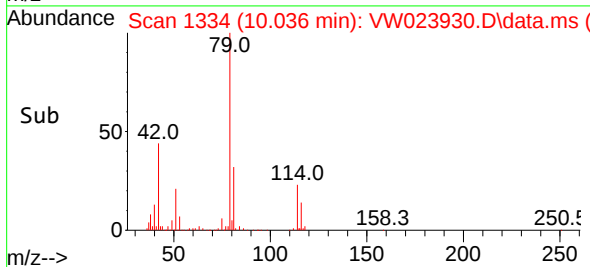
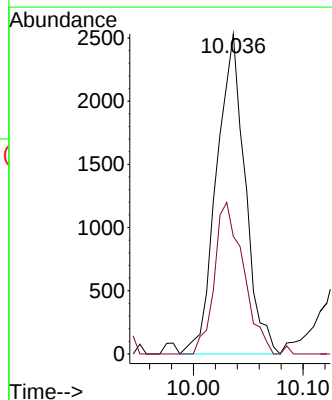
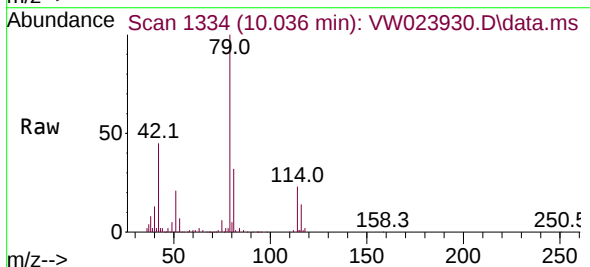
Acq: 20 Jul 2022 12:12

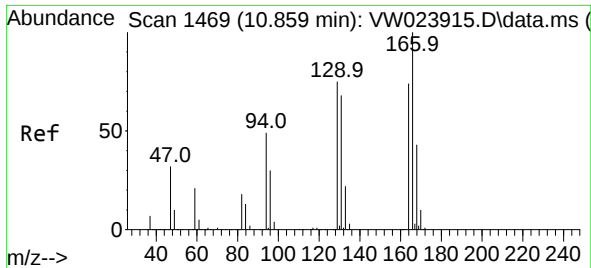
Tgt Ion: 75 Resp: 4576

Ion Ratio Lower Upper

75 100

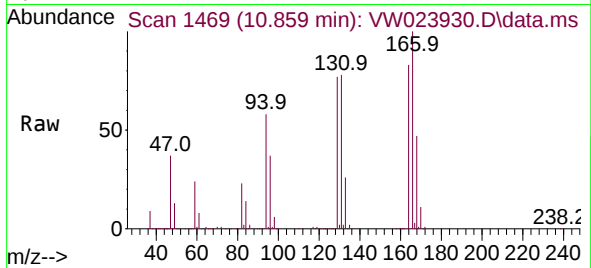
77 36.7 22.5 41.9





#46
 Tetrachloroethene
 Concen: 119.956 ug/L
 RT: 10.859 min Scan# 1469
 Delta R.T. 0.000 min
 Lab File: VW023930.D
 Acq: 20 Jul 2022 12:12

Instrument :
 MSVOA_W
 ClientSampleId :
 F5C82



Tgt Ion:	164	Resp:	425806
Ion	Ratio	Lower	Upper
164	100		
129	91.9	72.4	134.5
131	93.0	67.8	125.8
166	119.9	88.9	165.1

