

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071922\
 Data File : VW023898.D
 Acq On : 19 Jul 2022 21:41
 Operator : SY/VA
 Sample : N3743-02
 Misc : 6.16g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F5C88

Quant Time: Jul 20 03:00:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jul 20 02:42:08 2022
 Response via : Initial Calibration

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

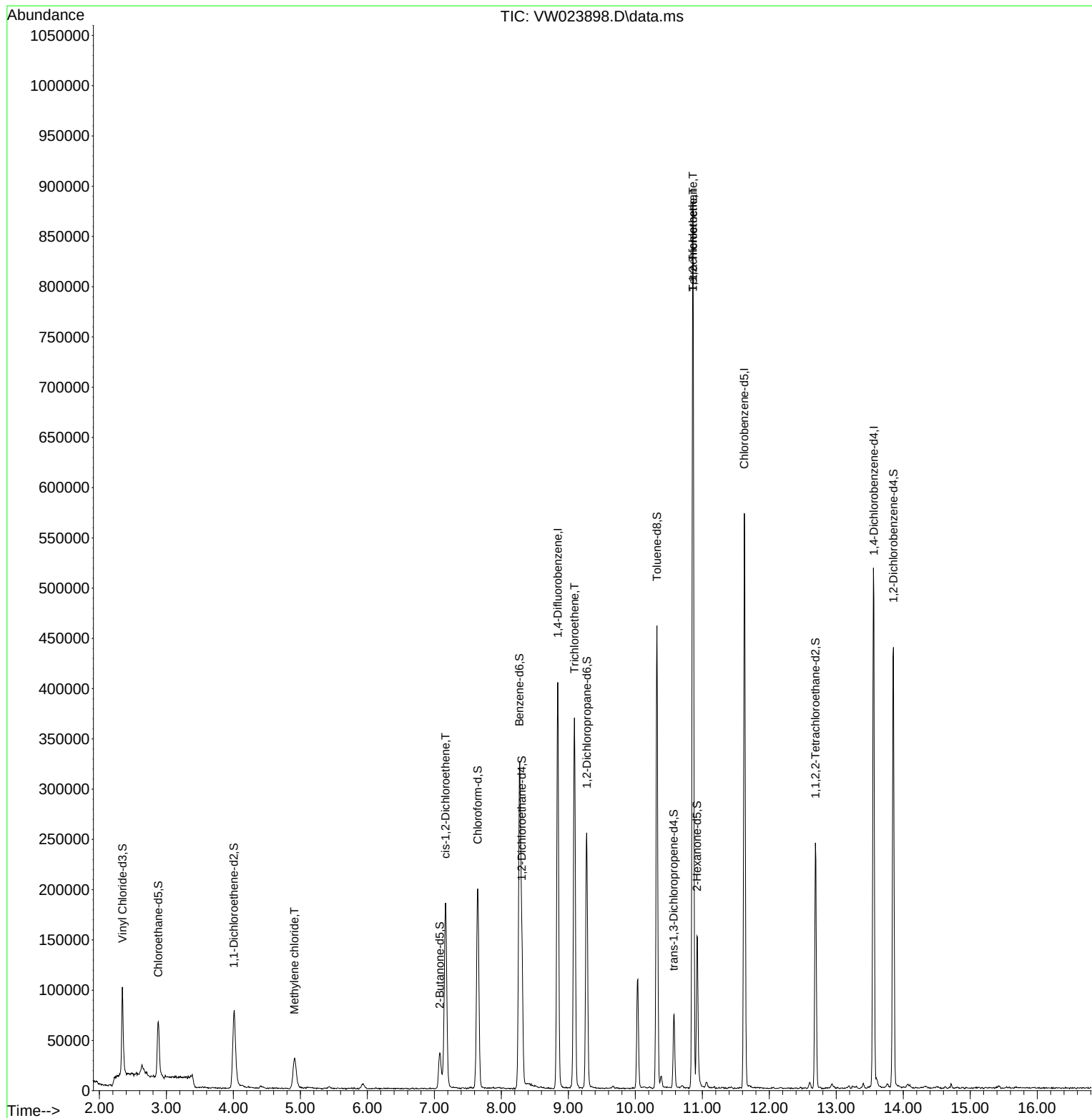
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	323187	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	299226	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	130299	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	90574	10.973	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	43.880%
7) Chloroethane-d5	2.879	69	67209	12.205	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	48.800%
11) 1,1-Dichloroethene-d2	4.007	63	78815	11.726	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	46.920%
21) 2-Butanone-d5	7.080	46	57689	45.057	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.120%
24) Chloroform-d	7.647	84	199434	21.195	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.760%
26) 1,2-Dichloroethane-d4	8.305	65	109843	19.087	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	76.360%
32) Benzene-d6	8.269	84	331869	21.336	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.360%
36) 1,2-Dichloropropane-d6	9.275	67	112684	24.050	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.200%
41) Toluene-d8	10.323	98	294254	18.650	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.600%
43) trans-1,3-Dichloroprop...	10.573	79	40623	18.497	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.000%
47) 2-Hexanone-d5	10.921	63	48336	49.060	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.120%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	114697	22.151	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.600%
66) 1,2-Dichlorobenzene-d4	13.853	152	105442	22.669	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.680%
Target Compounds						
					Qvalue	
16) Methylene chloride	4.909	84	25018	4.950	ug/L	92
20) cis-1,2-Dichloroethene	7.165	96	104177	22.623	ug/L #	93
34) Trichloroethene	9.092	95	124647	27.759	ug/L	98
45) 1,1,2-Trichloroethane	10.860	97	2100	0.563	ug/L #	21
46) Tetrachloroethene	10.860	164	179692	51.755	ug/L	97

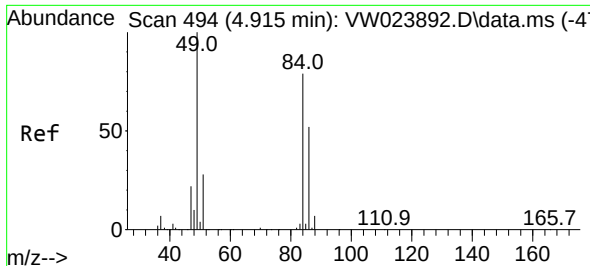
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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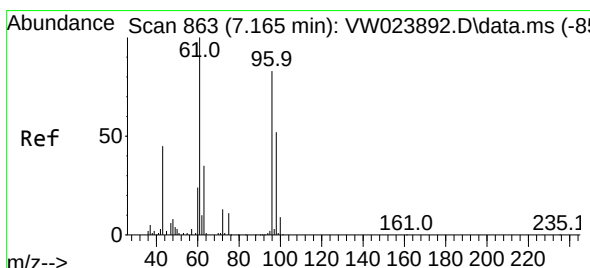
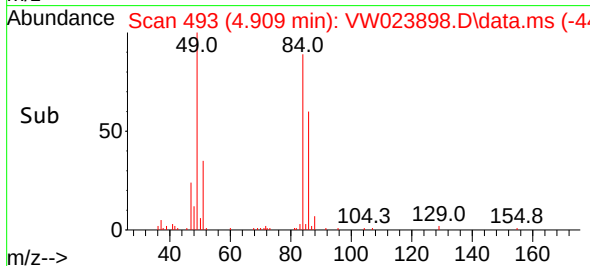
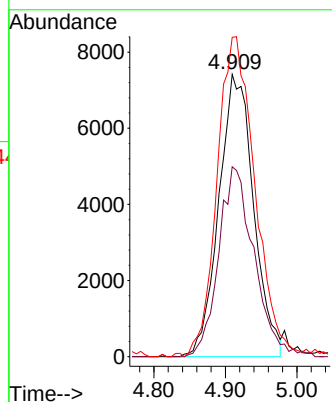
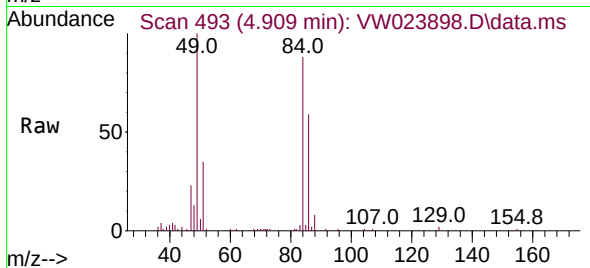




#16
Methylene chloride
Concen: 4.950 ug/L
RT: 4.909 min Scan# 493
Delta R.T. -0.006 min
Lab File: VW023898.D
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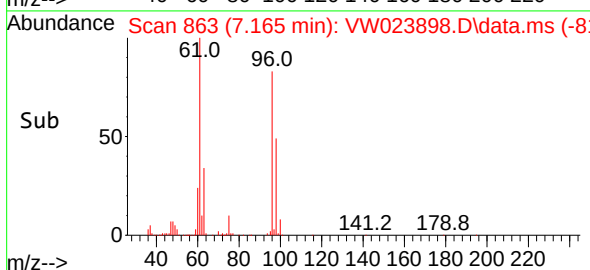
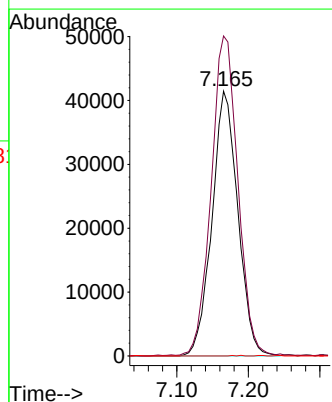
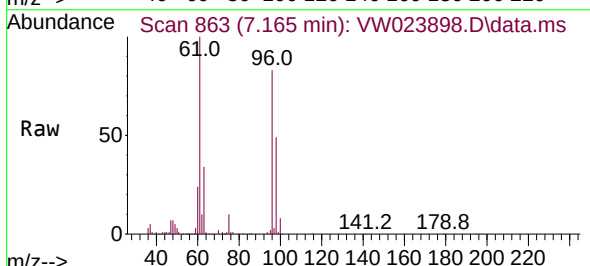
Instrument :
MSVOA_W
ClientSampleId :
F5C88

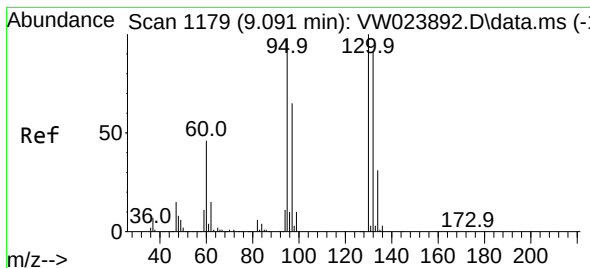
Tgt Ion: 84 Resp: 25018
Ion Ratio Lower Upper
84 100
86 67.3 42.8 79.6
49 113.1 85.4 158.6



#20
cis-1,2-Dichloroethene
Concen: 22.623 ug/L
RT: 7.165 min Scan# 863
Delta R.T. 0.000 min
Lab File: VW023898.D
Acq: 19 Jul 2022 21:41

Tgt Ion: 96 Resp: 104177
Ion Ratio Lower Upper
96 100
61 120.8 90.6 168.2
68 0.0 0.2 0.4





#34

Trichloroethene

Concen: 27.759 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW023898.D

Acq: 19 Jul 2022 21:41

Instrument :

MSVOA_W

ClientSampleId :

F5C88

Tgt Ion: 95 Resp: 124647

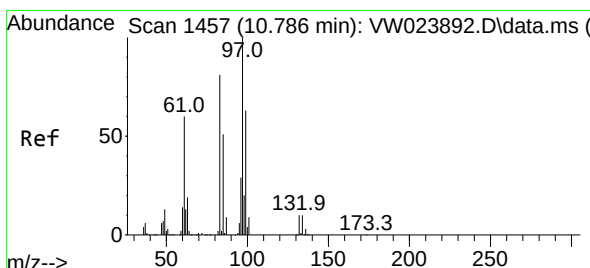
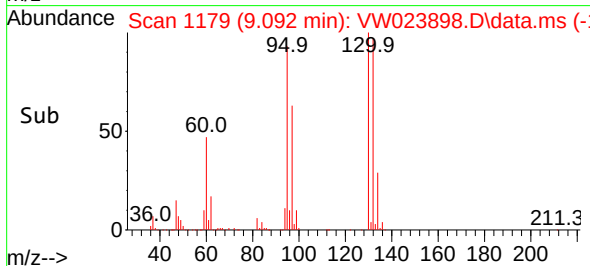
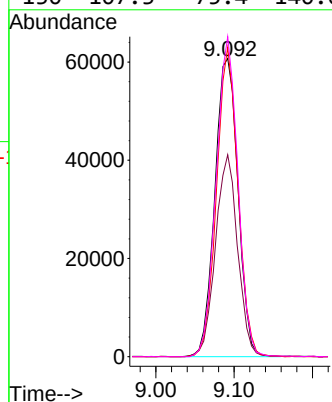
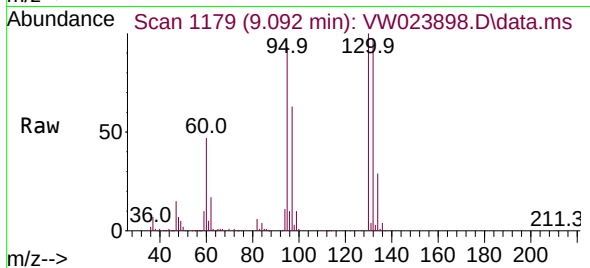
Ion Ratio Lower Upper

95 100

97 67.7 45.6 84.8

132 103.7 69.9 129.7

130 107.3 75.4 140.0



#45

1,1,2-Trichloroethane

Concen: 0.563 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. 0.073 min

Lab File: VW023898.D

Acq: 19 Jul 2022 21:41

Tgt Ion: 97 Resp: 2100

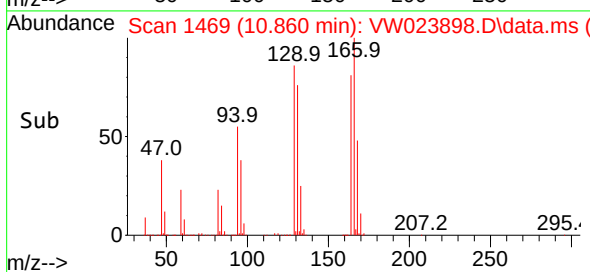
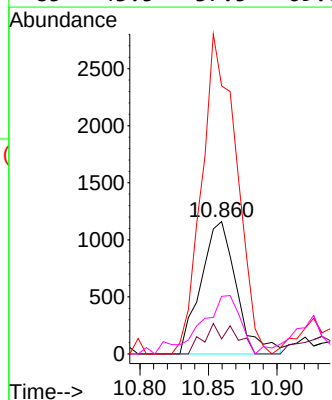
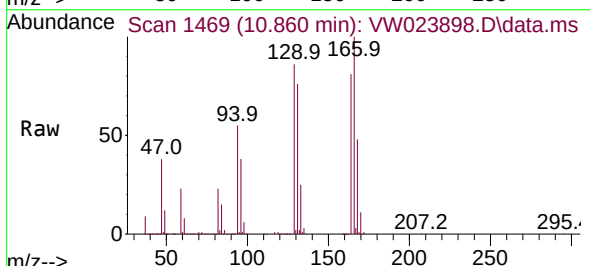
Ion Ratio Lower Upper

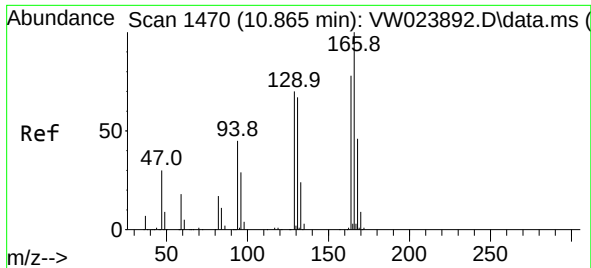
97 100

99 11.4 44.2 82.2#

83 202.3 59.8 111.0#

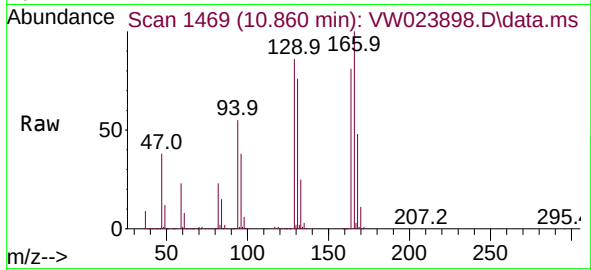
85 43.5 37.5 69.6





#46
 Tetrachloroethene
 Concen: 51.755 ug/L
 RT: 10.860 min Scan# 14
 Delta R.T. -0.006 min
 Lab File: VW023898.D
 Acq: 19 Jul 2022 21:41

Instrument :
 MSVOA_W
 ClientSampleId :
 F5C88



Tgt Ion:164 Resp: 179692

Ion	Ratio	Lower	Upper
164	100		
129	105.6	72.4	134.5
131	93.5	67.8	125.8
166	122.9	88.9	165.1

