

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071522\
 Data File : VW023802.D
 Acq On : 16 Jul 2022 20:48
 Operator : SY/VA
 Sample : N3702-16
 Misc : 6.14g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F5C70

Quant Time: Jul 18 02:08:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Jul 18 02:05:50 2022
 Response via : Initial Calibration

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

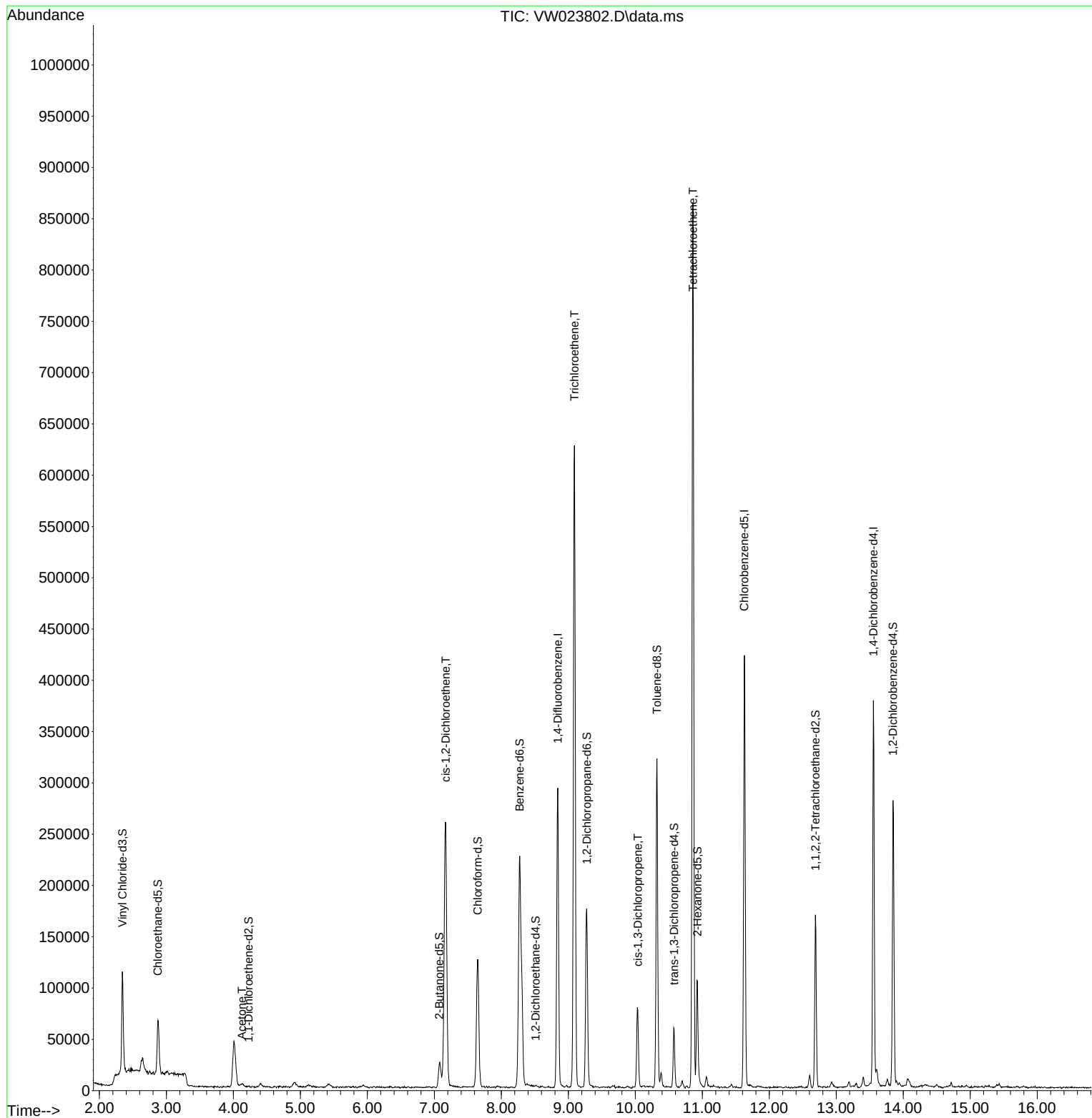
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	223997	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	214852	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	85837	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	84032	14.688	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	58.760%
7) Chloroethane-d5	2.873	69	59575	15.609	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.440%
11) 1,1-Dichloroethene-d2	4.227	63	141	0.030	ug/L	0.21
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.120%#
21) 2-Butanone-d5	7.074	46	37815	42.613	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.220%
24) Chloroform-d	7.647	84	119705	18.355	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	73.440%
26) 1,2-Dichloroethane-d4	8.512	65	203	0.051	ug/L	0.21
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.200%#
32) Benzene-d6	8.275	84	210080	18.810	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	75.240%
36) 1,2-Dichloropropane-d6	9.274	67	74231	22.065	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.240%
41) Toluene-d8	10.323	98	200272	17.678	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	70.720%
43) trans-1,3-Dichloroprop...	10.579	79	28071	17.801	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	71.200%
47) 2-Hexanone-d5	10.927	63	31672	44.771	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.540%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	73881	19.872	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.480%
66) 1,2-Dichlorobenzene-d4	13.847	152	67207	21.933	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.720%
Target Compounds						
13) Acetone	4.129	43	5881	9.374	ug/L	66
20) cis-1,2-Dichloroethene	7.171	96	143758	45.042	ug/L #	96
34) Trichloroethene	9.092	95	200255	62.112	ug/L	93
39) cis-1,3-Dichloropropene	10.037	75	2683	0.582	ug/L #	80
46) Tetrachloroethene	10.860	164	167016	66.994	ug/L	94

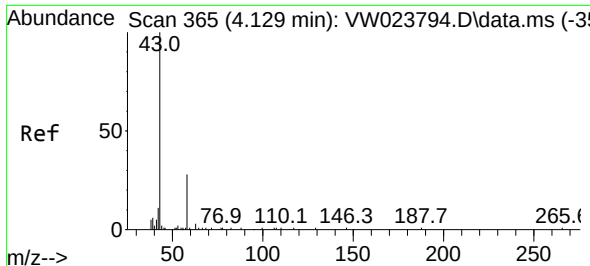
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Mon Jul 18 02:05:50 2022
Response via : Initial Calibration

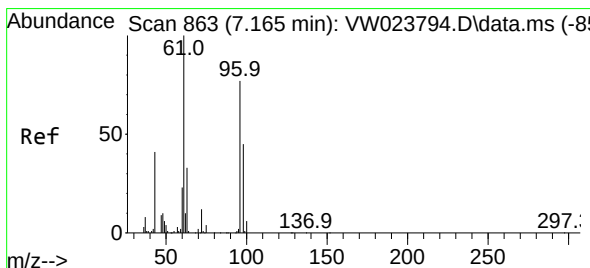
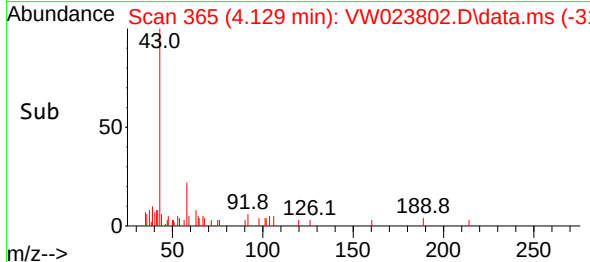
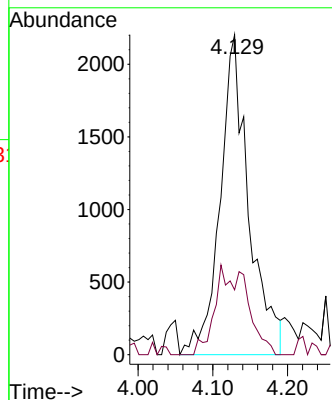
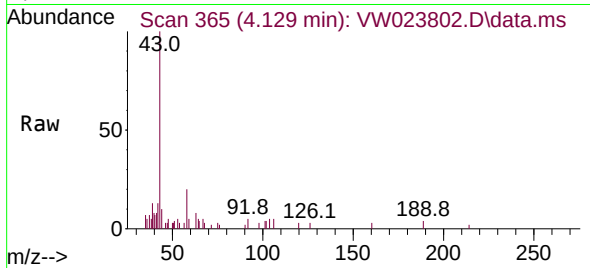




#13
Acetone
Concen: 9.374 ug/L
RT: 4.129 min Scan# 30
Delta R.T. -0.000 min
Lab File: VW023802.D
Acq: 16 Jul 2022 20:48

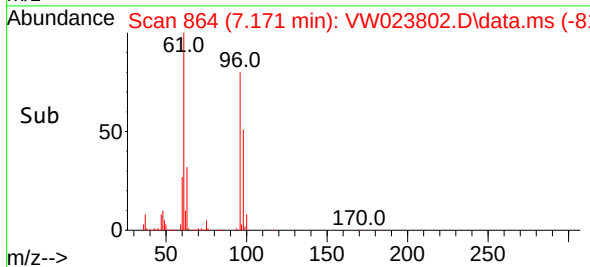
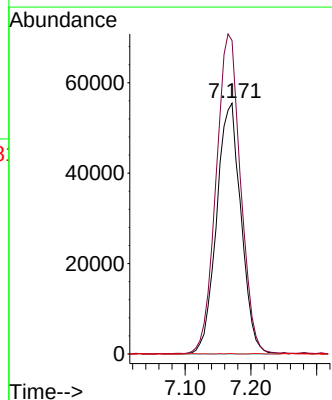
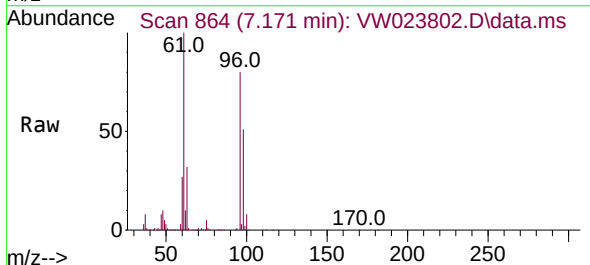
Instrument :
MSVOA_W
ClientSampleId :
F5C70

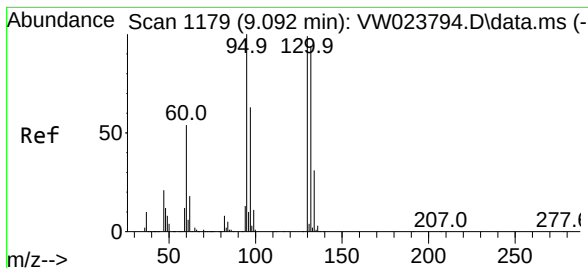
Tgt Ion: 43 Resp: 5881
Ion Ratio Lower Upper
43 100
58 13.3 0.0 64.2



#20
cis-1,2-Dichloroethene
Concen: 45.042 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW023802.D
Acq: 16 Jul 2022 20:48

Tgt Ion: 96 Resp: 143758
Ion Ratio Lower Upper
96 100
61 125.0 90.6 168.2
68 0.2 0.2 0.4





#34

Trichloroethene

Concen: 62.112 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW023802.D

Acq: 16 Jul 2022 20:48

Instrument :

MSVOA_W

ClientSampleId :

F5C70

Tgt Ion: 95 Resp: 200255

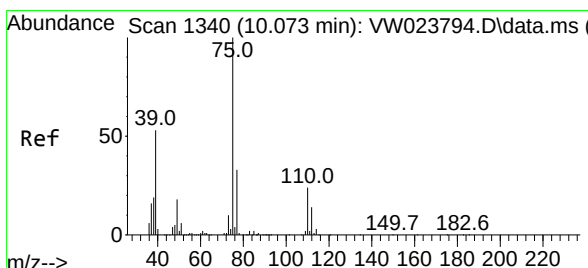
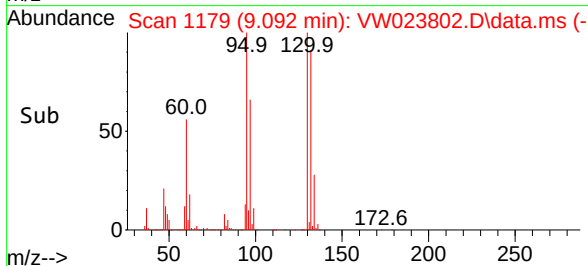
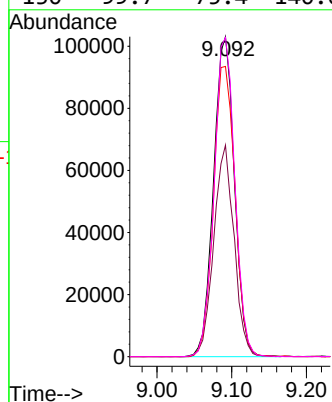
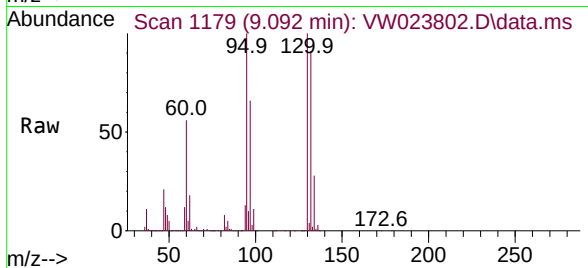
Ion Ratio Lower Upper

95 100

97 66.1 45.6 84.8

132 90.7 69.9 129.7

130 99.7 75.4 140.0



#39

cis-1,3-Dichloropropene

Concen: 0.582 ug/L

RT: 10.037 min Scan# 1334

Delta R.T. -0.037 min

Lab File: VW023802.D

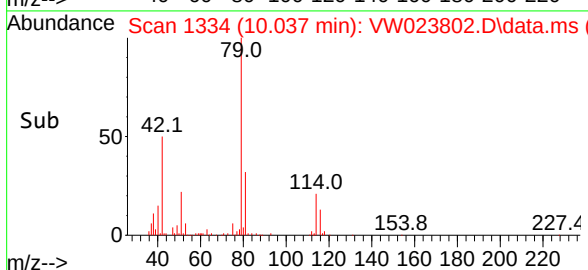
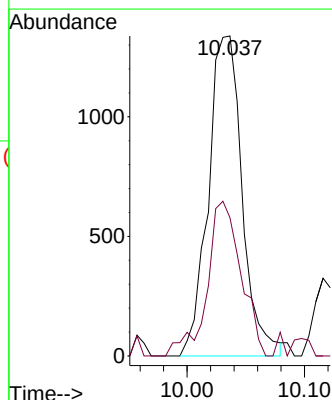
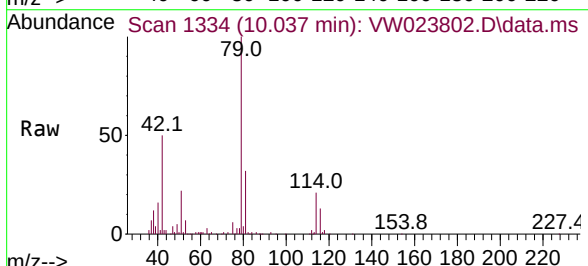
Acq: 16 Jul 2022 20:48

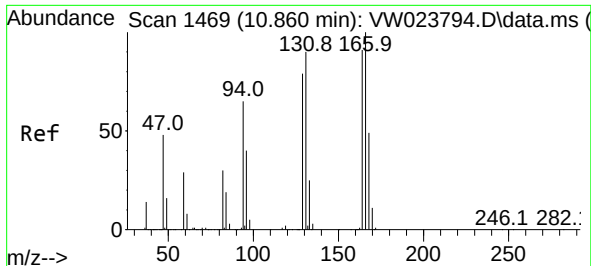
Tgt Ion: 75 Resp: 2683

Ion Ratio Lower Upper

75 100

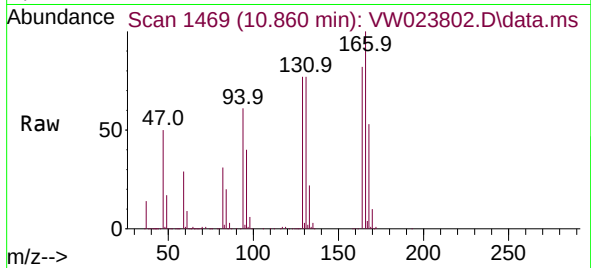
77 43.2 22.5 41.9#





#46
Tetrachloroethene
Concen: 66.994 ug/L
RT: 10.860 min Scan# 14
Delta R.T. -0.000 min
Lab File: VW023802.D
Acq: 16 Jul 2022 20:48

Instrument :
MSVOA_W
ClientSampleId :
F5C70



Tgt Ion:	164	Resp:	167016
Ion	Ratio	Lower	Upper
164	100		
129	93.5	72.4	134.5
131	94.2	67.8	125.8
166	121.6	88.9	165.1

