

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071522\
 Data File : VW023798.D
 Acq On : 16 Jul 2022 19:11
 Operator : SY/VA
 Sample : N3702-12
 Misc : 5.56g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F5C66

Quant Time: Jul 18 02:07:48 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)

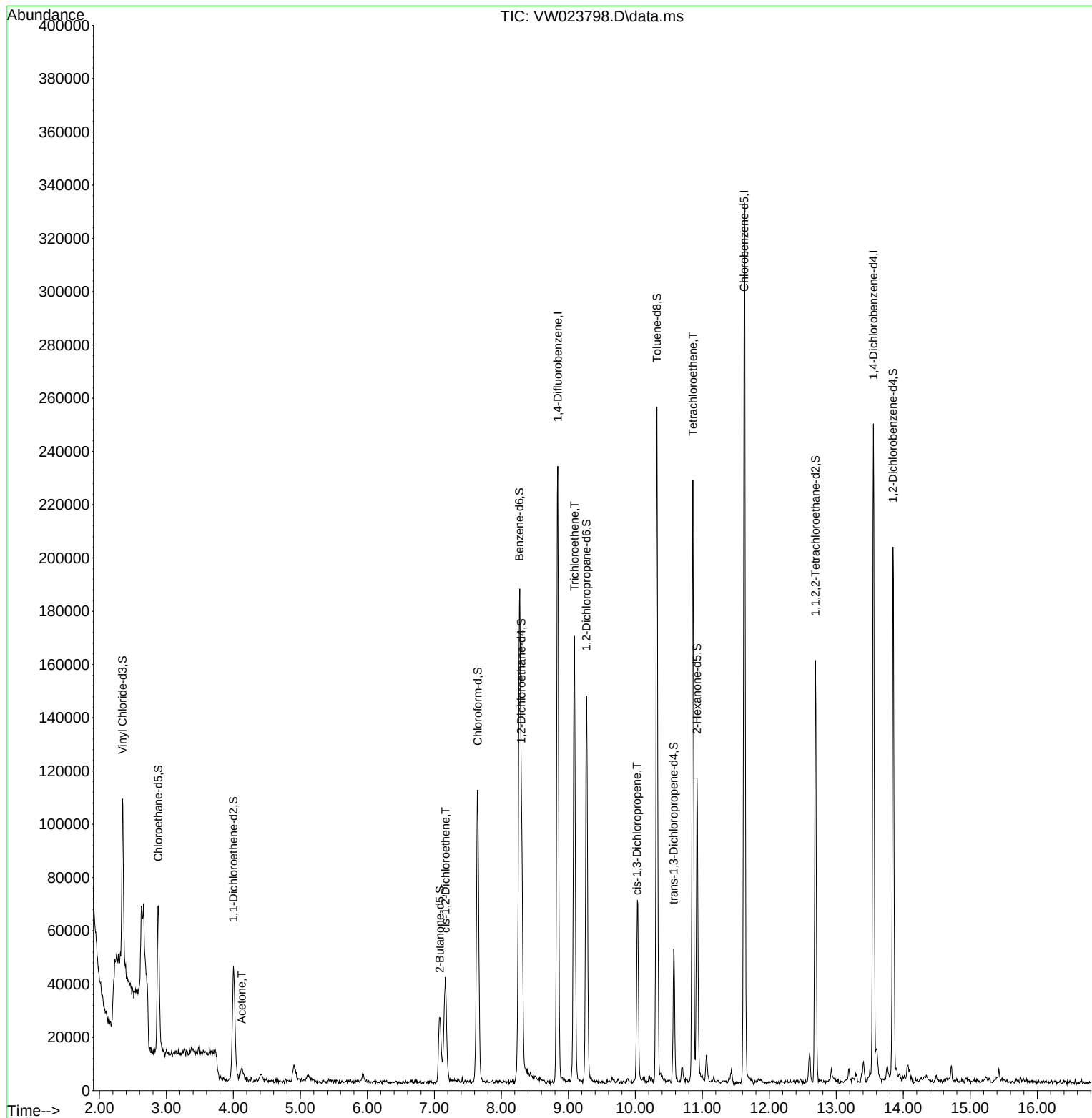
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	178469	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	163855	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	56955	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	64036	14.048	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	56.200%
7) Chloroethane-d5	2.879	69	64058	21.066	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.280%
11) 1,1-Dichloroethene-d2	4.001	63	40642	10.949	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	43.800%#
21) 2-Butanone-d5	7.080	46	41662	58.925	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.860%
24) Chloroform-d	7.647	84	103003	19.823	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.280%
26) 1,2-Dichloroethane-d4	8.299	65	63769	20.066	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	80.280%
32) Benzene-d6	8.269	84	172602	20.264	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.040%
36) 1,2-Dichloropropane-d6	9.268	67	60591	23.616	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.480%
41) Toluene-d8	10.323	98	158599	18.357	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	73.440%
43) trans-1,3-Dichloroprop...	10.573	79	23793	19.784	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.120%
47) 2-Hexanone-d5	10.921	63	32678	60.570	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.140%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	69709	24.585	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.360%
66) 1,2-Dichlorobenzene-d4	13.847	152	44438	21.856	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.440%
Target Compounds						
13) Acetone	4.123	43	7805	15.614	ug/L	97
20) cis-1,2-Dichloroethene	7.165	96	15402	6.057	ug/L #	99
34) Trichloroethene	9.092	95	53361	21.702	ug/L	95
39) cis-1,3-Dichloropropene	10.024	75	2614	0.743	ug/L #	76
46) Tetrachloroethene	10.860	164	41580	21.870	ug/L	93

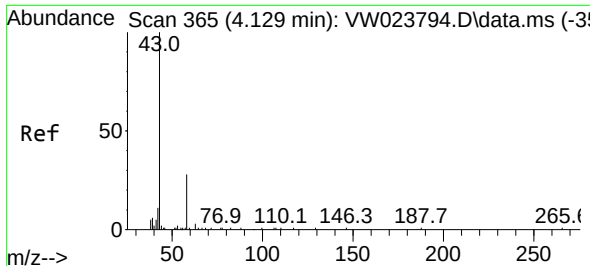
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

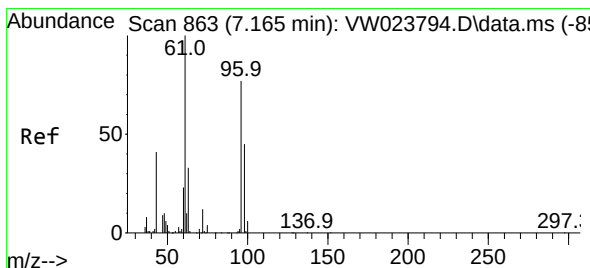
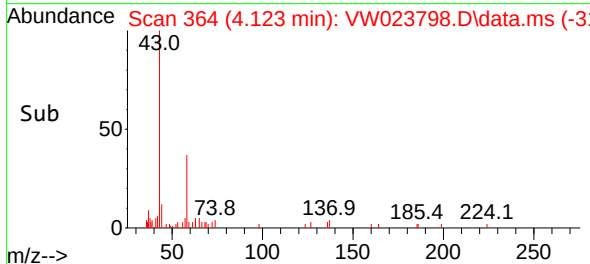
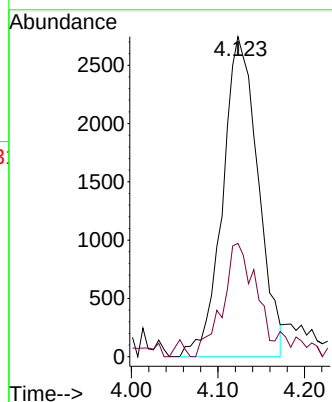
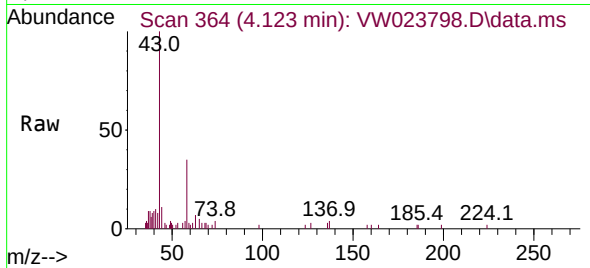




#13
Acetone
Concen: 15.614 ug/L
RT: 4.123 min Scan# 30
Delta R.T. -0.006 min
Lab File: VW023798.D
Acq: 16 Jul 2022 19:11

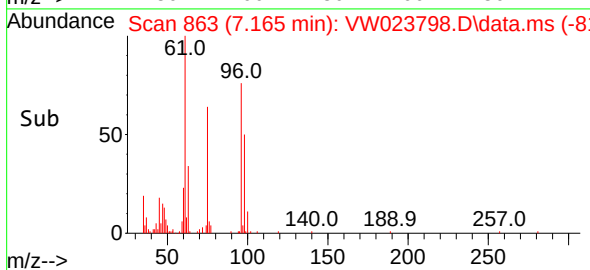
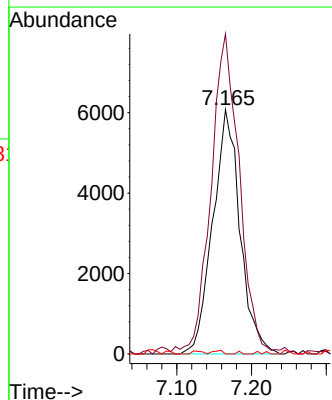
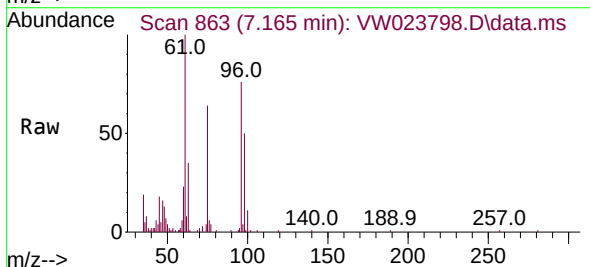
Instrument :
MSVOA_W
ClientSampleId :
F5C66

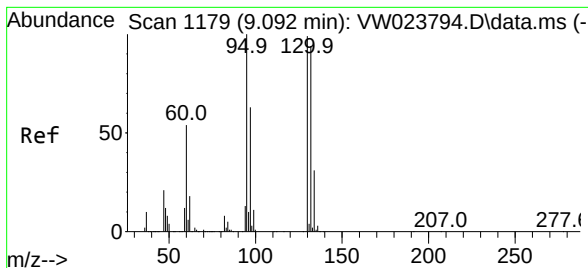
Tgt Ion: 43 Resp: 7805
Ion Ratio Lower Upper
43 100
58 33.7 0.0 64.2



#20
cis-1,2-Dichloroethene
Concen: 6.057 ug/L
RT: 7.165 min Scan# 863
Delta R.T. 0.000 min
Lab File: VW023798.D
Acq: 16 Jul 2022 19:11

Tgt Ion: 96 Resp: 15402
Ion Ratio Lower Upper
96 100
61 130.9 90.6 168.2
68 1.1 0.2 0.4





#34

Trichloroethene

Concen: 21.702 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW023798.D

Acq: 16 Jul 2022 19:11

Instrument :

MSVOA_W

ClientSampleId :

F5C66

Tgt Ion: 95 Resp: 53361

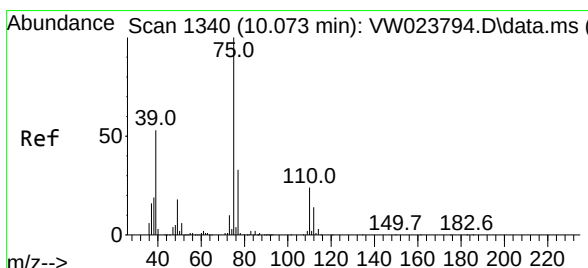
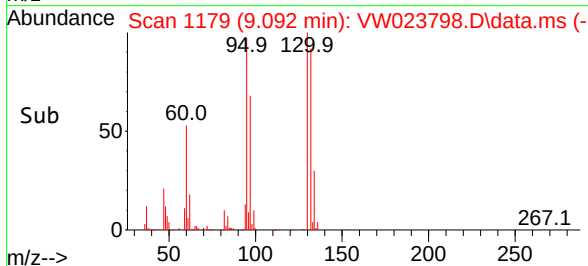
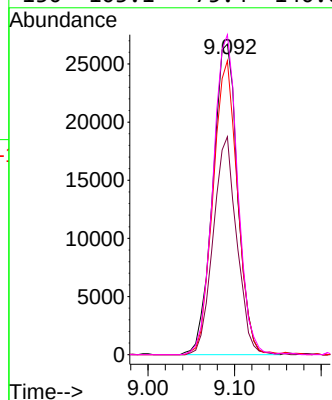
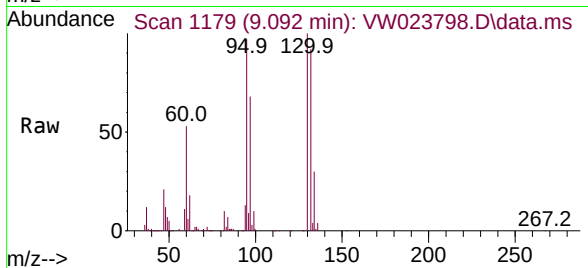
Ion Ratio Lower Upper

95 100

97 70.2 45.6 84.8

132 94.6 69.9 129.7

130 103.1 75.4 140.0



#39

cis-1,3-Dichloropropene

Concen: 0.743 ug/L

RT: 10.024 min Scan# 1332

Delta R.T. -0.049 min

Lab File: VW023798.D

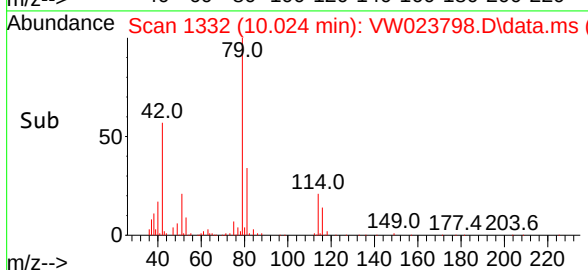
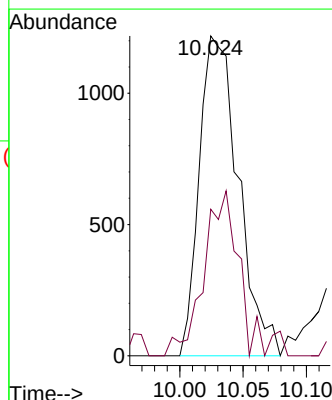
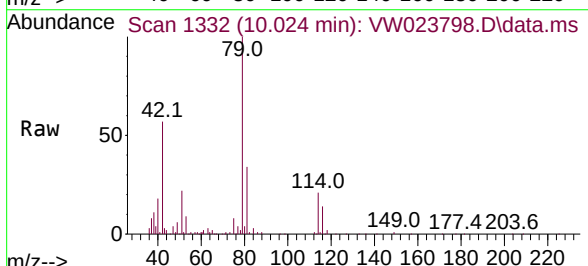
Acq: 16 Jul 2022 19:11

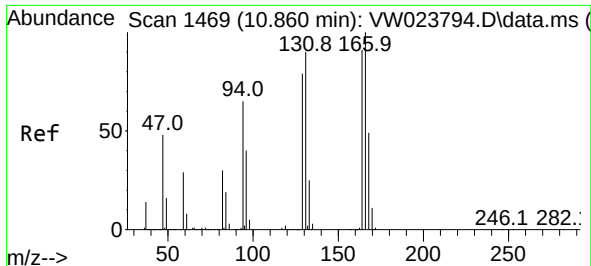
Tgt Ion: 75 Resp: 2614

Ion Ratio Lower Upper

75 100

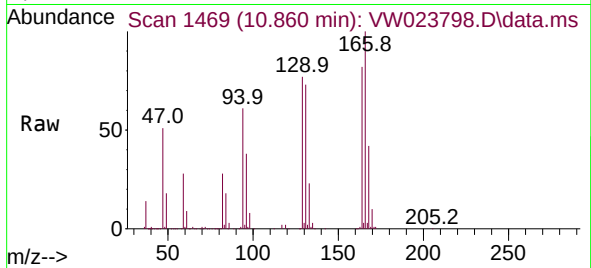
77 45.8 22.5 41.9#





#46
 Tetrachloroethene
 Concen: 21.870 ug/L
 RT: 10.860 min Scan# 14
 Delta R.T. 0.000 min
 Lab File: VW023798.D
 Acq: 16 Jul 2022 19:11

Instrument :
 MSVOA_W
 ClientSampleId :
 F5C66



Tgt Ion:	164	Resp:	41580
Ion	Ratio	Lower	Upper
164	100		
129	94.0	72.4	134.5
131	88.7	67.8	125.8
166	121.7	88.9	165.1

