

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071922\
 Data File : VW023911.D
 Acq On : 20 Jul 2022 03:00
 Operator : SY/VA
 Sample : N3743-16
 Misc : 6.80g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F5D14

Quant Time: Jul 20 05:14:55 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)

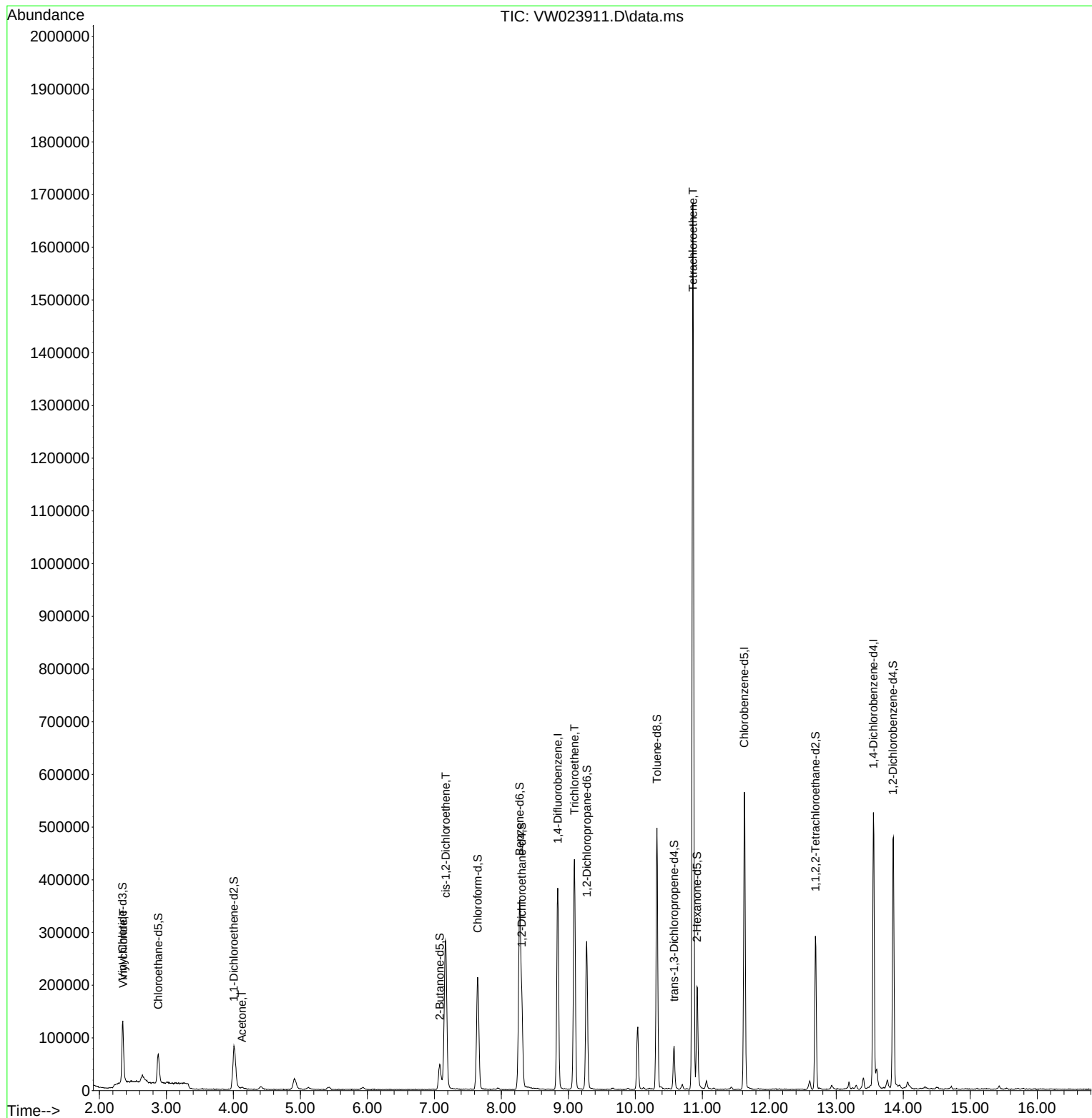
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	306819	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	308456	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	128308	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	88184	11.253	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	45.000%
7) Chloroethane-d5	2.879	69	64505	12.339	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	49.360%
11) 1,1-Dichloroethene-d2	4.007	63	80784	12.660	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	50.640%
21) 2-Butanone-d5	7.080	46	73000	60.057	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.120%
24) Chloroform-d	7.647	84	210815	23.600	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.400%
26) 1,2-Dichloroethane-d4	8.305	65	121231	22.189	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.760%
32) Benzene-d6	8.275	84	357290	22.283	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.120%
36) 1,2-Dichloropropane-d6	9.274	67	124340	25.744	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.960%
41) Toluene-d8	10.323	98	317100	19.497	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.000%
43) trans-1,3-Dichloroprop...	10.579	79	42076	18.585	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.360%
47) 2-Hexanone-d5	10.921	63	63201	62.228	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.460%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	134517	25.202	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.800%
66) 1,2-Dichlorobenzene-d4	13.847	152	118251	25.817	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.280%
Target Compounds						
					Qvalue	
5) Vinyl chloride	2.355	62	39398	4.493	ug/L	98
13) Acetone	4.129	43	4436	5.162	ug/L	83
20) cis-1,2-Dichloroethene	7.171	96	164506	37.629	ug/L #	94
34) Trichloroethene	9.092	95	147069	31.773	ug/L	93
46) Tetrachloroethene	10.860	164	330547	92.355	ug/L	96

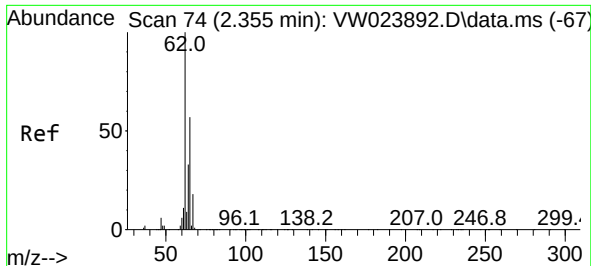
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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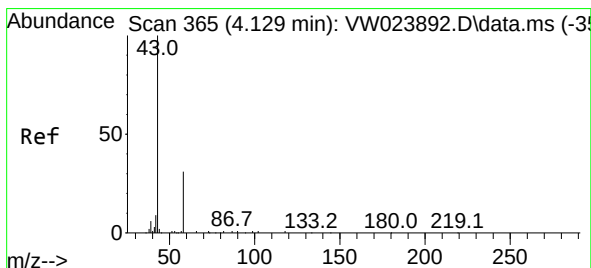
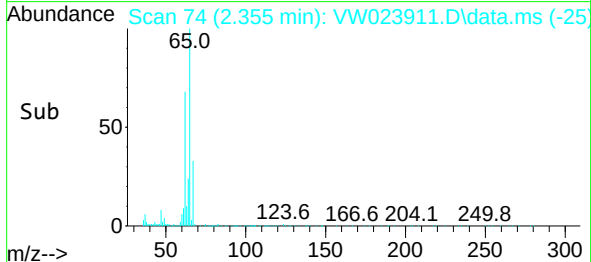
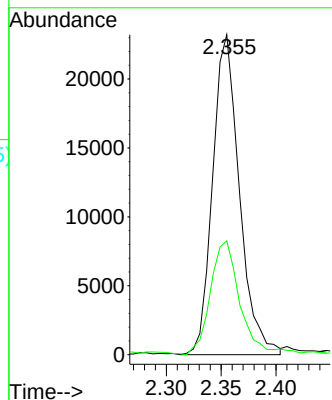
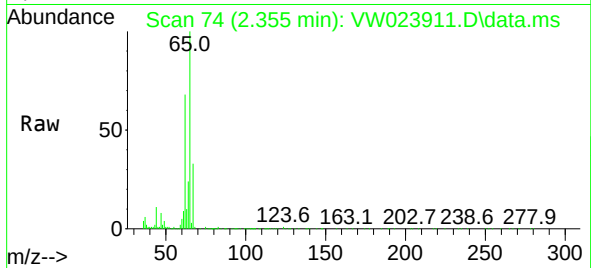




#5
 Vinyl chloride
 Concen: 4.493 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. 0.000 min
 Lab File: VW023911.D
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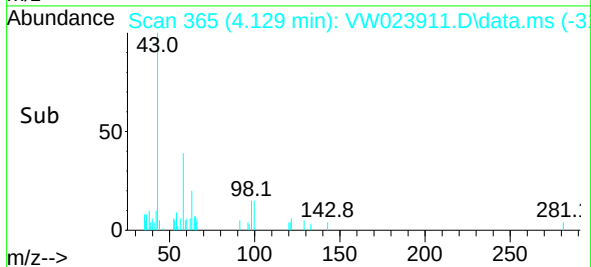
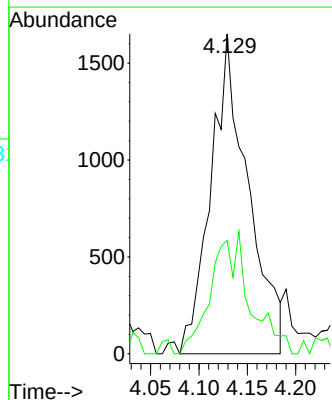
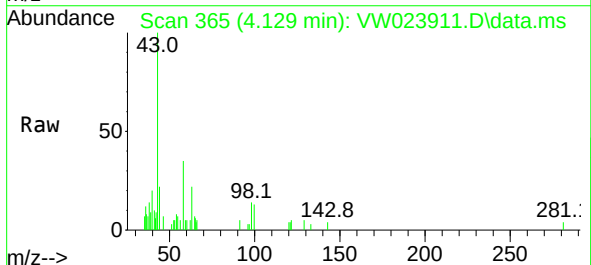
Instrument :
 MSVOA_W
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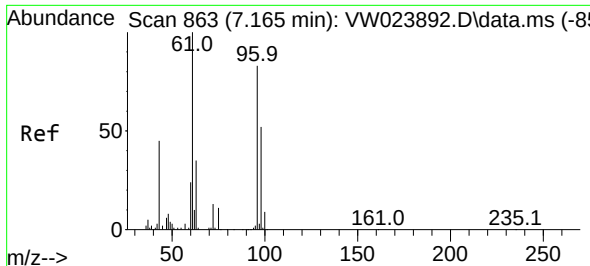
Tgt Ion: 62 Resp: 39398
 Ion Ratio Lower Upper
 62 100
 64 35.6 24.0 44.6



#13
 Acetone
 Concen: 5.162 ug/L
 RT: 4.129 min Scan# 365
 Delta R.T. 0.000 min
 Lab File: VW023911.D
 Acq: 20 Jul 2022 03:00

Tgt Ion: 43 Resp: 4436
 Ion Ratio Lower Upper
 43 100
 58 22.8 0.0 64.2

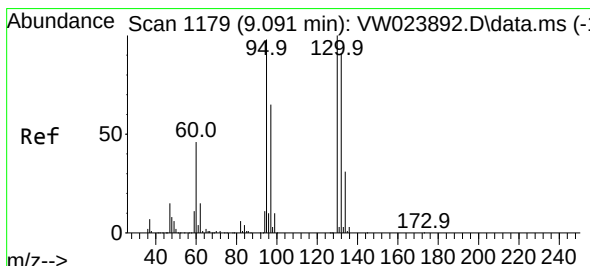
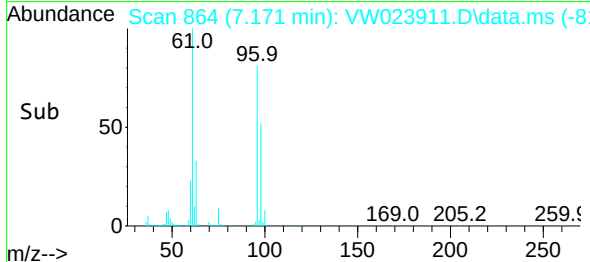
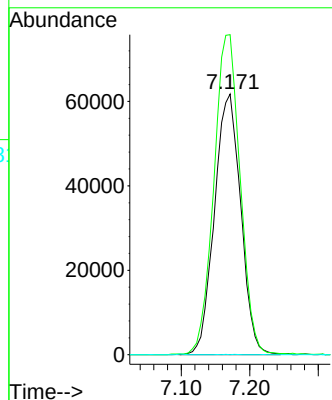
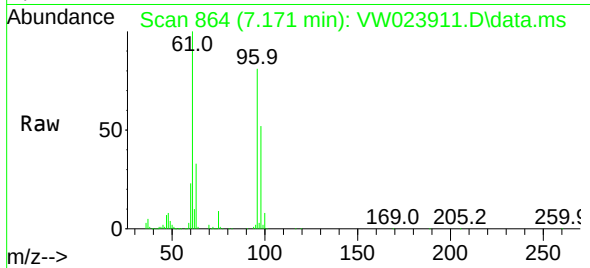




#20
 cis-1,2-Dichloroethene
 Concen: 37.629 ug/L
 RT: 7.171 min Scan# 864
 Delta R.T. 0.006 min
 Lab File: VW023911.D
 Acq: 20 Jul 2022 03:00

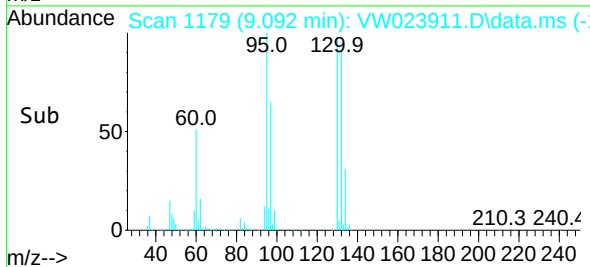
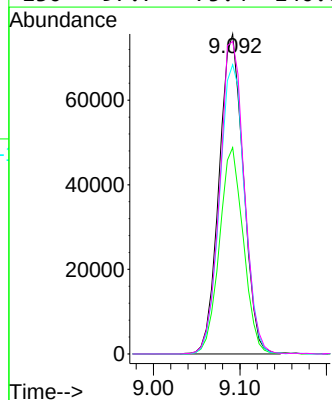
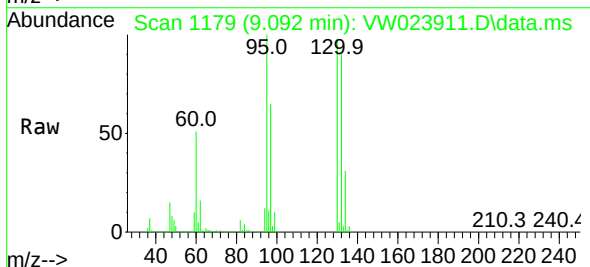
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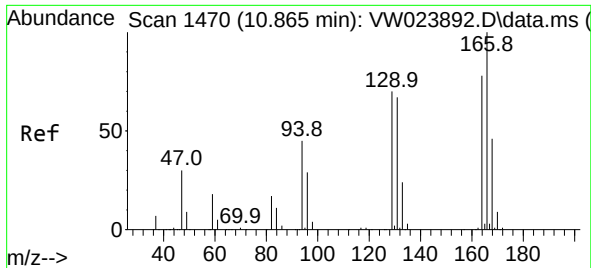
Tgt Ion: 96 Resp: 164506
 Ion Ratio Lower Upper
 96 100
 61 122.8 90.6 168.2
 68 0.0 0.2 0.4#



#34
 Trichloroethene
 Concen: 31.773 ug/L
 RT: 9.092 min Scan# 1179
 Delta R.T. 0.000 min
 Lab File: VW023911.D
 Acq: 20 Jul 2022 03:00

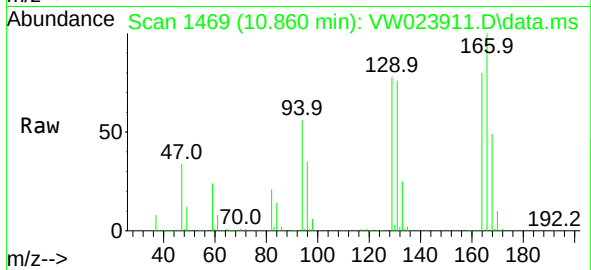
Tgt Ion: 95 Resp: 147069
 Ion Ratio Lower Upper
 95 100
 97 64.5 45.6 84.8
 132 90.4 69.9 129.7
 130 97.7 75.4 140.0





#46
 Tetrachloroethene
 Concen: 92.355 ug/L
 RT: 10.860 min Scan# 14
 Delta R.T. -0.006 min
 Lab File: VW023911.D
 Acq: 20 Jul 2022 03:00

Instrument :
 MSVOA_W
 ClientSampleId :
 F5D14



Tgt Ion:164 Resp: 330547

Ion	Ratio	Lower	Upper
164	100		
129	97.2	72.4	134.5
131	94.4	67.8	125.8
166	124.3	88.9	165.1

