

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071922\
 Data File : VW023927.D
 Acq On : 20 Jul 2022 10:58
 Operator : SY/VA
 Sample : N3744-04
 Misc : 6.13g/10mL/MSVOA_W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F5C79

Quant Time: Jul 20 23:07:32 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)

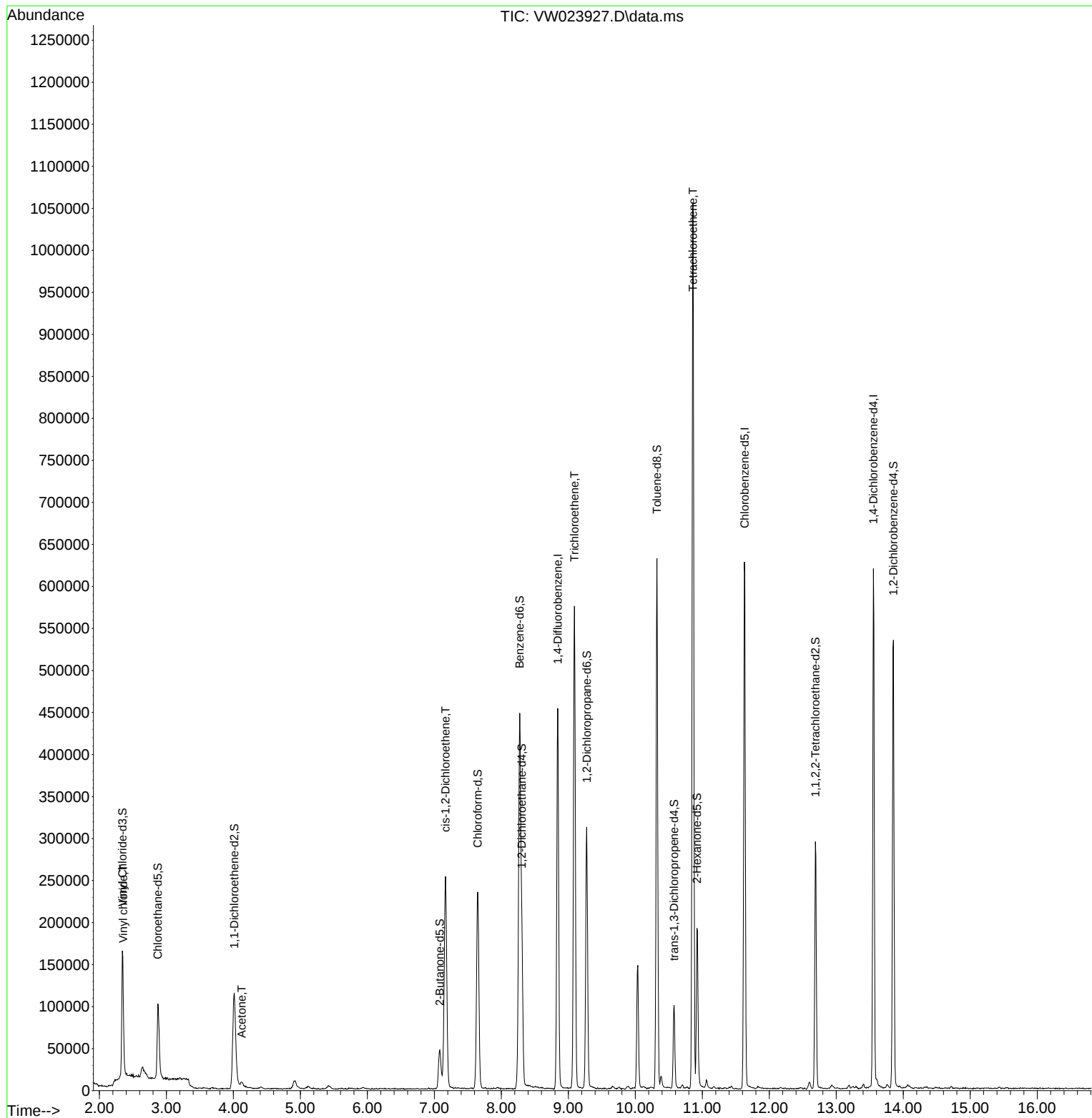
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	366143	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	341214	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	146313	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	146604	15.677	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.720%
7) Chloroethane-d5	2.873	69	103896	16.654	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.600%
11) 1,1-Dichloroethene-d2	4.013	63	119172	15.650	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.600%
21) 2-Butanone-d5	7.080	46	73290	50.526	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.060%
24) Chloroform-d	7.647	84	233205	21.876	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.520%
26) 1,2-Dichloroethane-d4	8.305	65	135274	20.748	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.000%
32) Benzene-d6	8.275	84	434476	24.495	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.960%
36) 1,2-Dichloropropane-d6	9.274	67	136219	25.496	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.000%
41) Toluene-d8	10.323	98	392253	21.802	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.200%
43) trans-1,3-Dichloroprop...	10.579	79	53388	21.318	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.280%
47) 2-Hexanone-d5	10.920	63	63628	56.634	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.260%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	137225	23.241	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.960%
66) 1,2-Dichlorobenzene-d4	13.853	152	133075	25.478	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.920%
Target Compounds						Qvalue
5) Vinyl chloride	2.355	62	20679	1.976	ug/L	84
13) Acetone	4.123	43	10055	9.805	ug/L	76
20) cis-1,2-Dichloroethene	7.165	96	143149	27.439	ug/L #	91
34) Trichloroethene	9.092	95	193003	37.693	ug/L	94
46) Tetrachloroethene	10.860	164	218842	55.274	ug/L	92

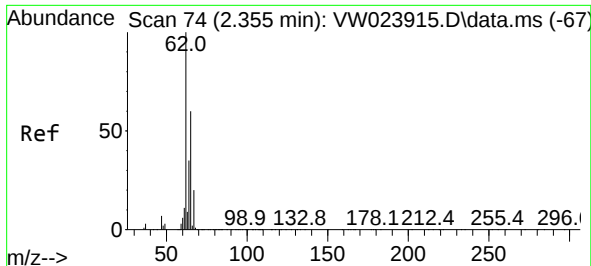
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Wed Jul 20 06:30:31 2022
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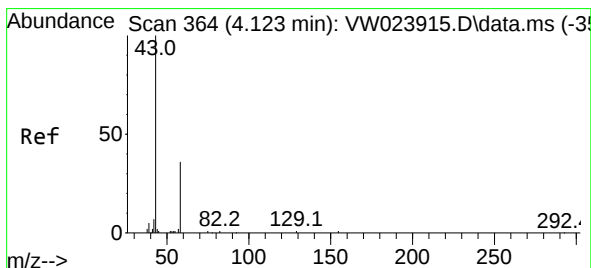
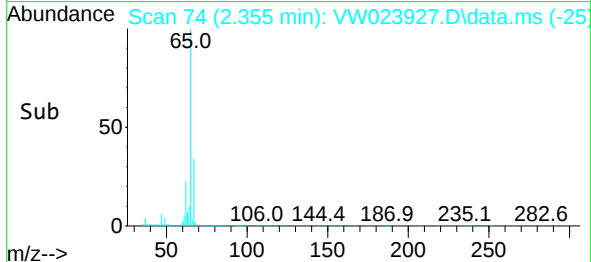
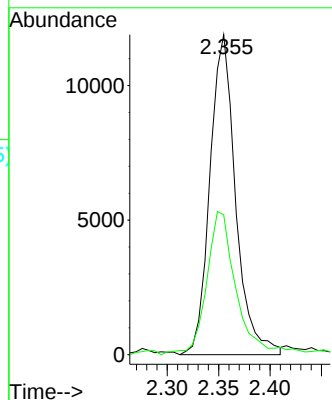
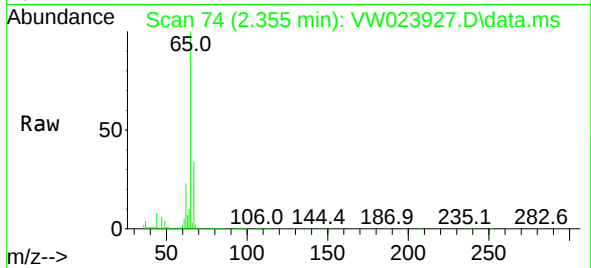




#5
 Vinyl chloride
 Concen: 1.976 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. 0.000 min
 Lab File: VW023927.D
 Acq: 20 Jul 2022 10:58

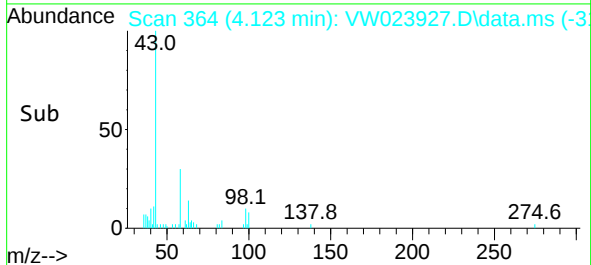
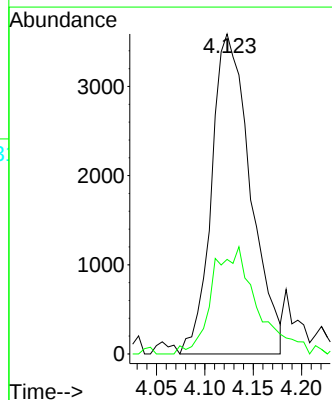
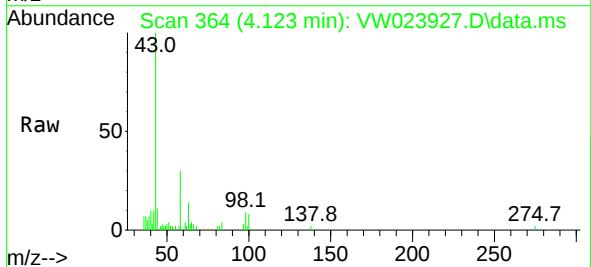
Instrument :
 MSVOA_W
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 F5C79

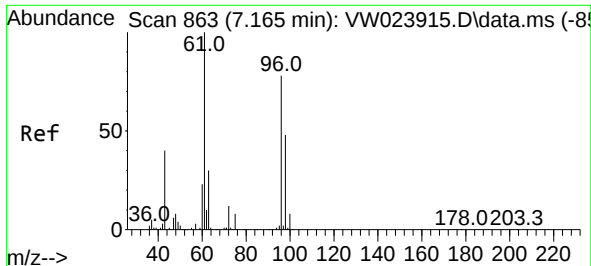
Tgt Ion: 62 Resp: 20679
 Ion Ratio Lower Upper
 62 100
 64 43.7 24.0 44.6



#13
 Acetone
 Concen: 9.805 ug/L
 RT: 4.123 min Scan# 364
 Delta R.T. 0.000 min
 Lab File: VW023927.D
 Acq: 20 Jul 2022 10:58

Tgt Ion: 43 Resp: 10055
 Ion Ratio Lower Upper
 43 100
 58 18.9 0.0 64.2

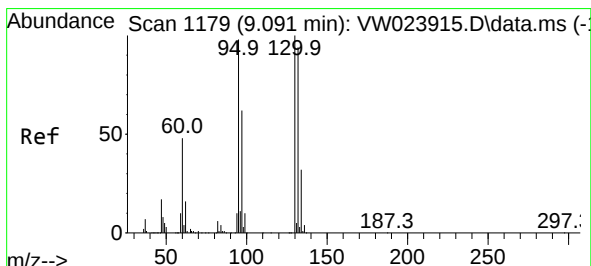
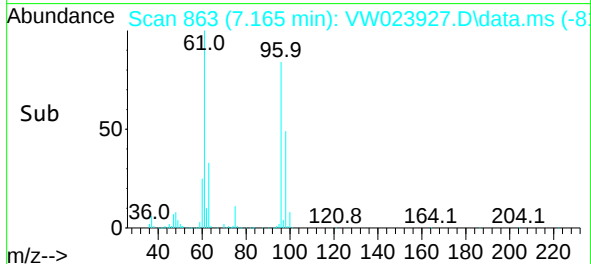
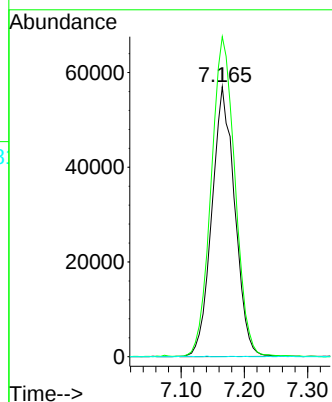
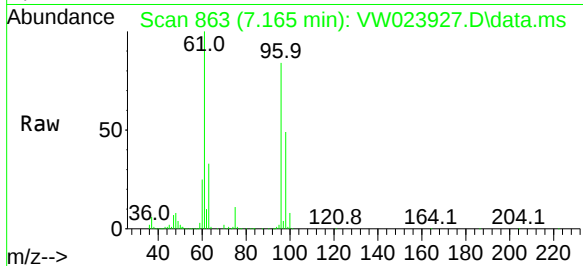




#20
 cis-1,2-Dichloroethene
 Concen: 27.439 ug/L
 RT: 7.165 min Scan# 863
 Delta R.T. 0.000 min
 Lab File: VW023927.D
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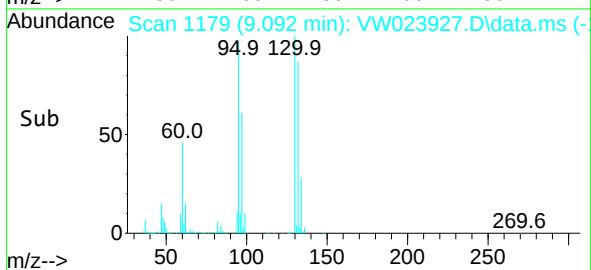
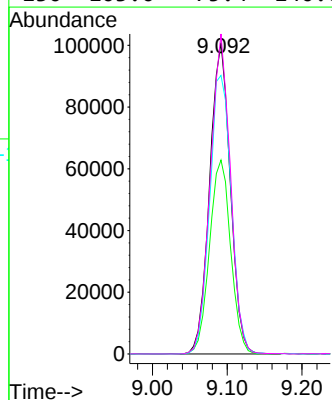
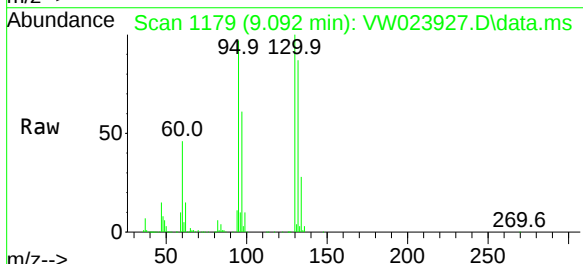
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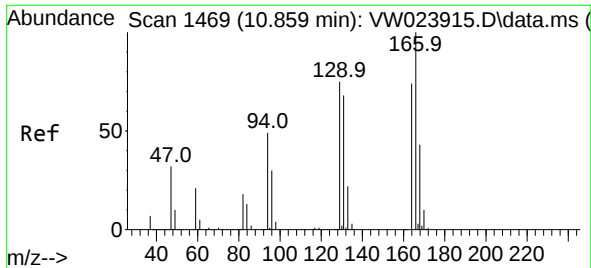
Tgt Ion: 96 Resp: 143149
 Ion Ratio Lower Upper
 96 100
 61 118.6 90.6 168.2
 68 0.0 0.2 0.4#



#34
 Trichloroethene
 Concen: 37.693 ug/L
 RT: 9.092 min Scan# 1179
 Delta R.T. 0.000 min
 Lab File: VW023927.D
 Acq: 20 Jul 2022 10:58

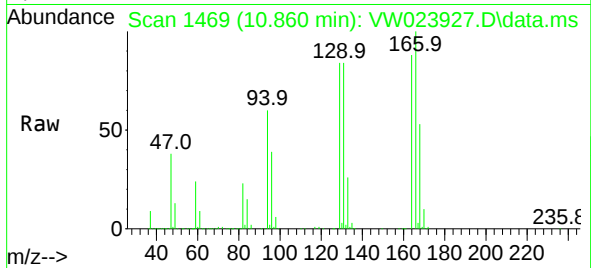
Tgt Ion: 95 Resp: 193003
 Ion Ratio Lower Upper
 95 100
 97 62.4 45.6 84.8
 132 89.6 69.9 129.7
 130 103.0 75.4 140.0





#46
 Tetrachloroethene
 Concen: 55.274 ug/L
 RT: 10.860 min Scan# 14
 Delta R.T. 0.000 min
 Lab File: VW023927.D
 Acq: 20 Jul 2022 10:58

Instrument :
 MSVOA_W
 ClientSampleId :
 F5C79



Tgt Ion:	164	Resp:	218842
Ion	Ratio	Lower	Upper
164	100		
129	95.1	72.4	134.5
131	95.3	67.8	125.8
166	113.1	88.9	165.1

