

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071322\
 Data File : VW023668.D
 Acq On : 13 Jul 2022 23:49
 Operator : SY/VA
 Sample : N3679-04
 Misc : 6.07g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F5B44

Quant Time: Jul 14 02:17:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jul 14 02:04:07 2022
 Response via : Initial Calibration

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

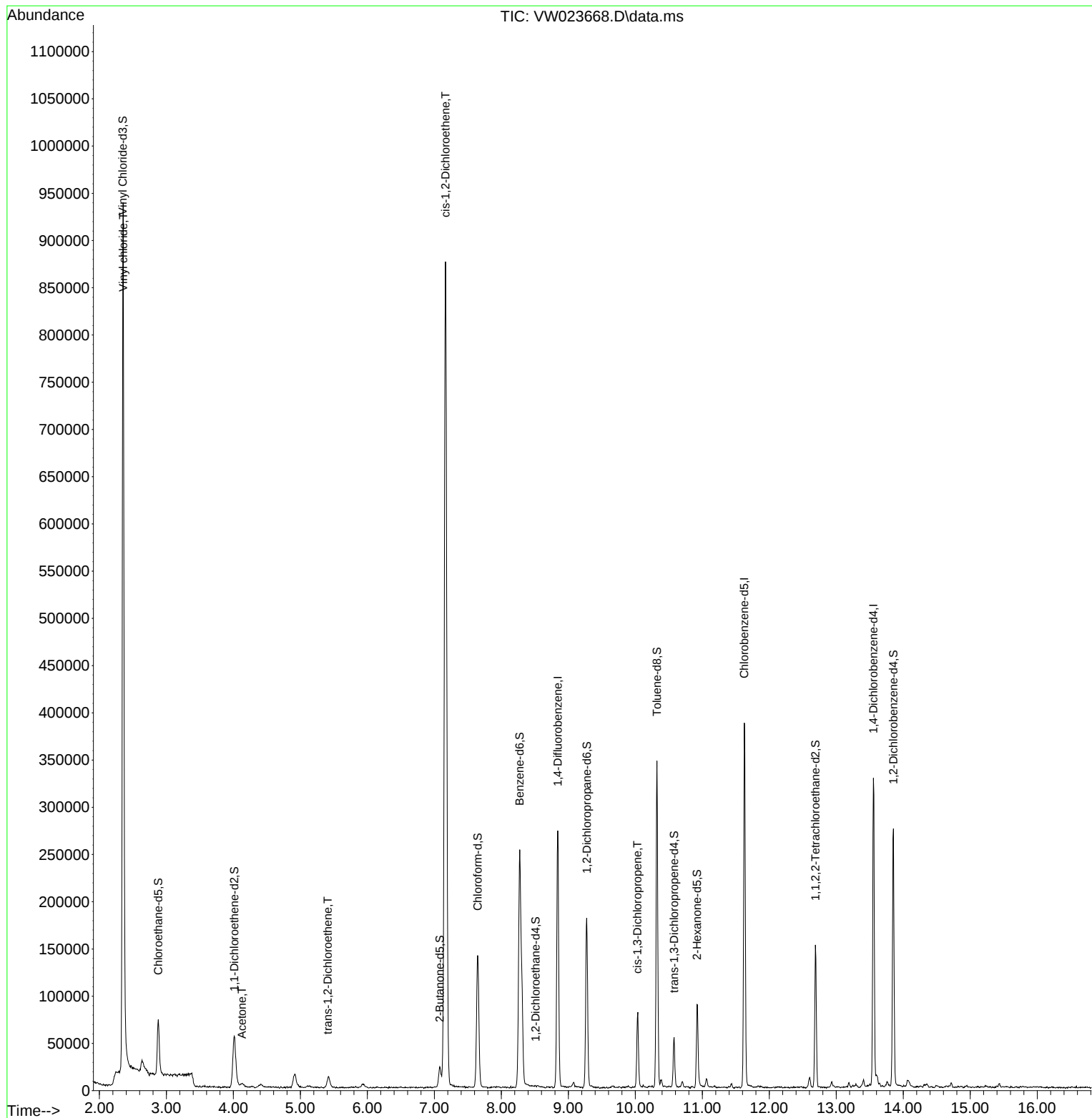
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	211176	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	195751	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	76703	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	108768	20.166	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.680%
7) Chloroethane-d5	2.879	69	67927	18.878	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.520%
11) 1,1-Dichloroethene-d2	4.013	63	54501	12.409	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	49.640%
21) 2-Butanone-d5	7.080	46	34566	41.317	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.640%
24) Chloroform-d	7.647	84	132460	21.544	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.160%
26) 1,2-Dichloroethane-d4	8.512	65	115	0.031	ug/L	0.21
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.120%#
32) Benzene-d6	8.275	84	237324	23.322	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.280%
36) 1,2-Dichloropropane-d6	9.275	67	74725	24.379	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.520%
41) Toluene-d8	10.323	98	206986	20.054	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.200%
43) trans-1,3-Dichloroprop...	10.579	79	25532	17.771	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	71.080%
47) 2-Hexanone-d5	10.921	63	26403	40.964	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.920%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	68471	20.214	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	80.840%
66) 1,2-Dichlorobenzene-d4	13.853	152	63651	23.246	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.000%
Target Compounds						Qvalue
5) Vinyl chloride	2.355	62	874821	144.965	ug/L	98
13) Acetone	4.129	43	6263	10.589	ug/L	95
17) trans-1,2-Dichloroethene	5.409	96	6468	2.381	ug/L	83
20) cis-1,2-Dichloroethene	7.165	96	482486	160.349	ug/L #	98
39) cis-1,3-Dichloropropene	10.031	75	2949	0.702	ug/L	99

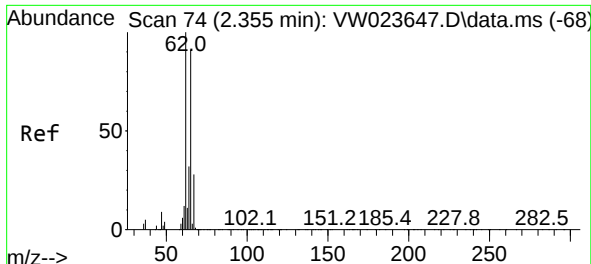
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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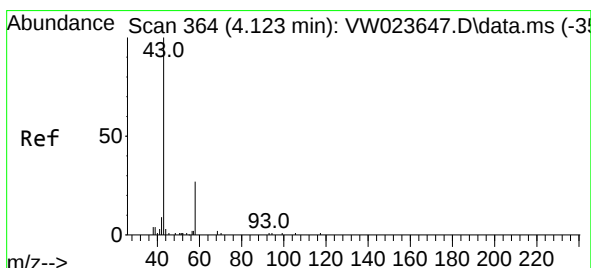
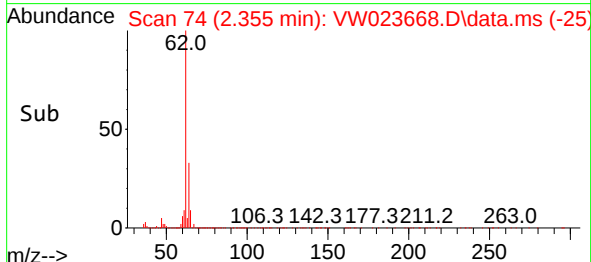
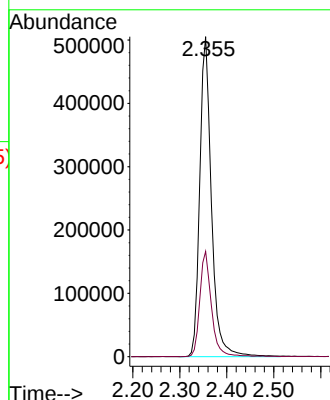
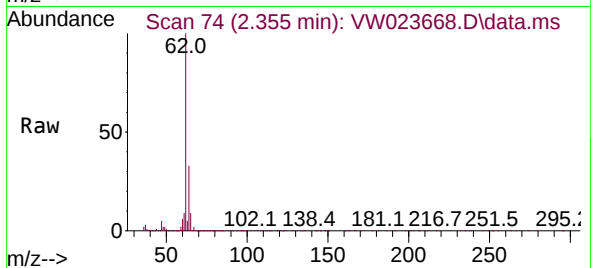




#5
 Vinyl chloride
 Concen: 144.965 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.000 min
 Lab File: VW023668.D
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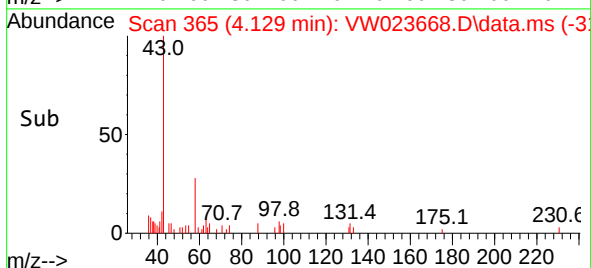
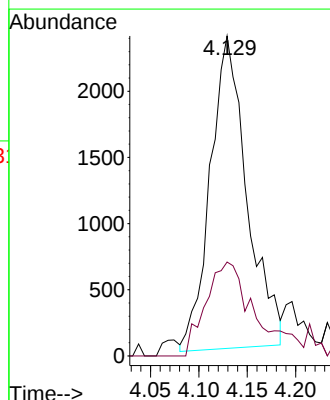
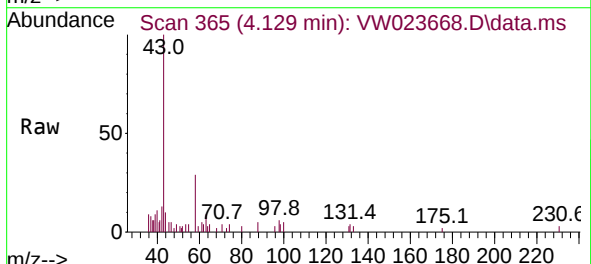
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 F5B44

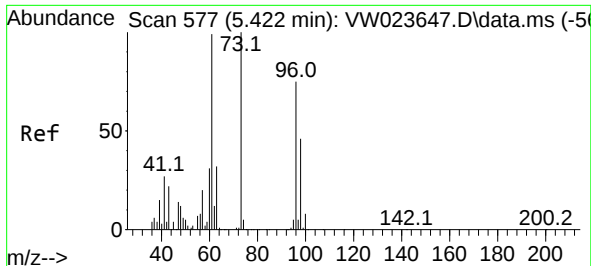
Tgt Ion: 62 Resp: 874821
 Ion Ratio Lower Upper
 62 100
 64 32.9 24.0 44.6



#13
 Acetone
 Concen: 10.589 ug/L
 RT: 4.129 min Scan# 365
 Delta R.T. 0.006 min
 Lab File: VW023668.D
 Acq: 13 Jul 2022 23:49

Tgt Ion: 43 Resp: 6263
 Ion Ratio Lower Upper
 43 100
 58 34.9 0.0 64.2

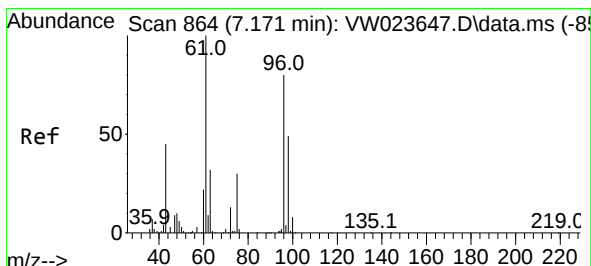
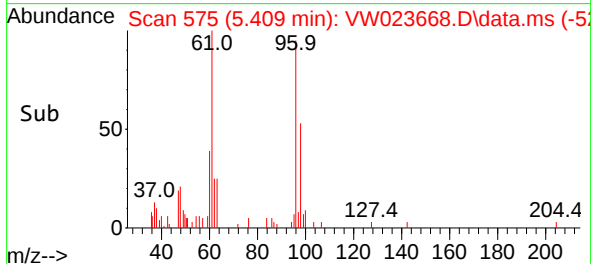
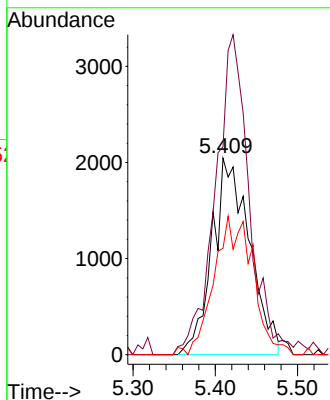
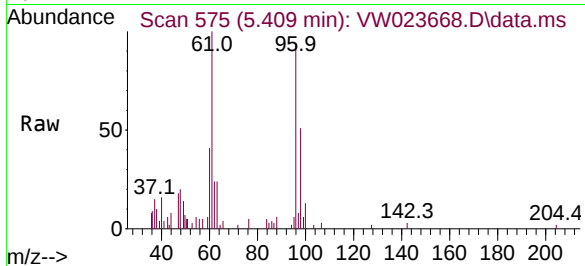




#17
trans-1,2-Dichloroethene
Concen: 2.381 ug/L
RT: 5.409 min Scan# 517
Delta R.T. -0.012 min
Lab File: VW023668.D
Acq: 13 Jul 2022 23:49

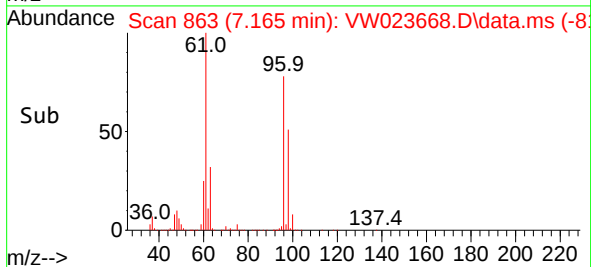
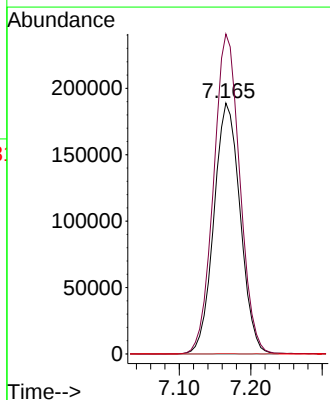
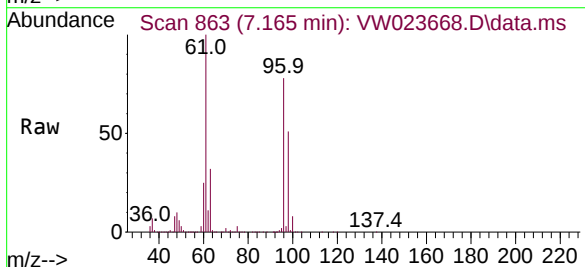
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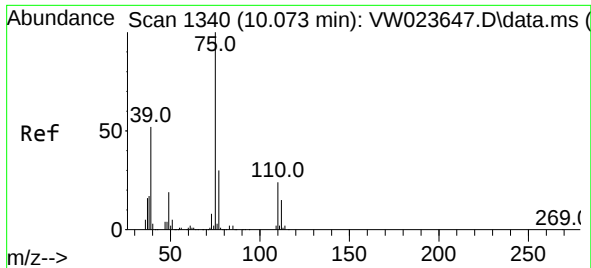
Tgt Ion: 96 Resp: 6468
Ion Ratio Lower Upper
96 100
61 105.9 90.8 168.6
98 54.2 42.8 79.6



#20
cis-1,2-Dichloroethene
Concen: 160.349 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.006 min
Lab File: VW023668.D
Acq: 13 Jul 2022 23:49

Tgt Ion: 96 Resp: 482486
Ion Ratio Lower Upper
96 100
61 127.5 90.6 168.2
68 0.1 0.2 0.4





#39
 cis-1,3-Dichloropropene
 Concen: 0.702 ug/L
 RT: 10.031 min Scan# 11
 Delta R.T. -0.043 min
 Lab File: VW023668.D
 Acq: 13 Jul 2022 23:49

Instrument :
 MSVOA_W
 ClientSampleId :
 F5B44

Tgt Ion: 75 Resp: 2949
 Ion Ratio Lower Upper
 75 100
 77 31.5 22.5 41.9

