

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071222\
 Data File : VW023604.D
 Acq On : 12 Jul 2022 14:32
 Operator : SY/VA
 Sample : N3676-04
 Misc : 5.96g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F5B03

Quant Time: Jul 13 01:34:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070722SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jul 13 01:31:49 2022
 Response via : Initial Calibration

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

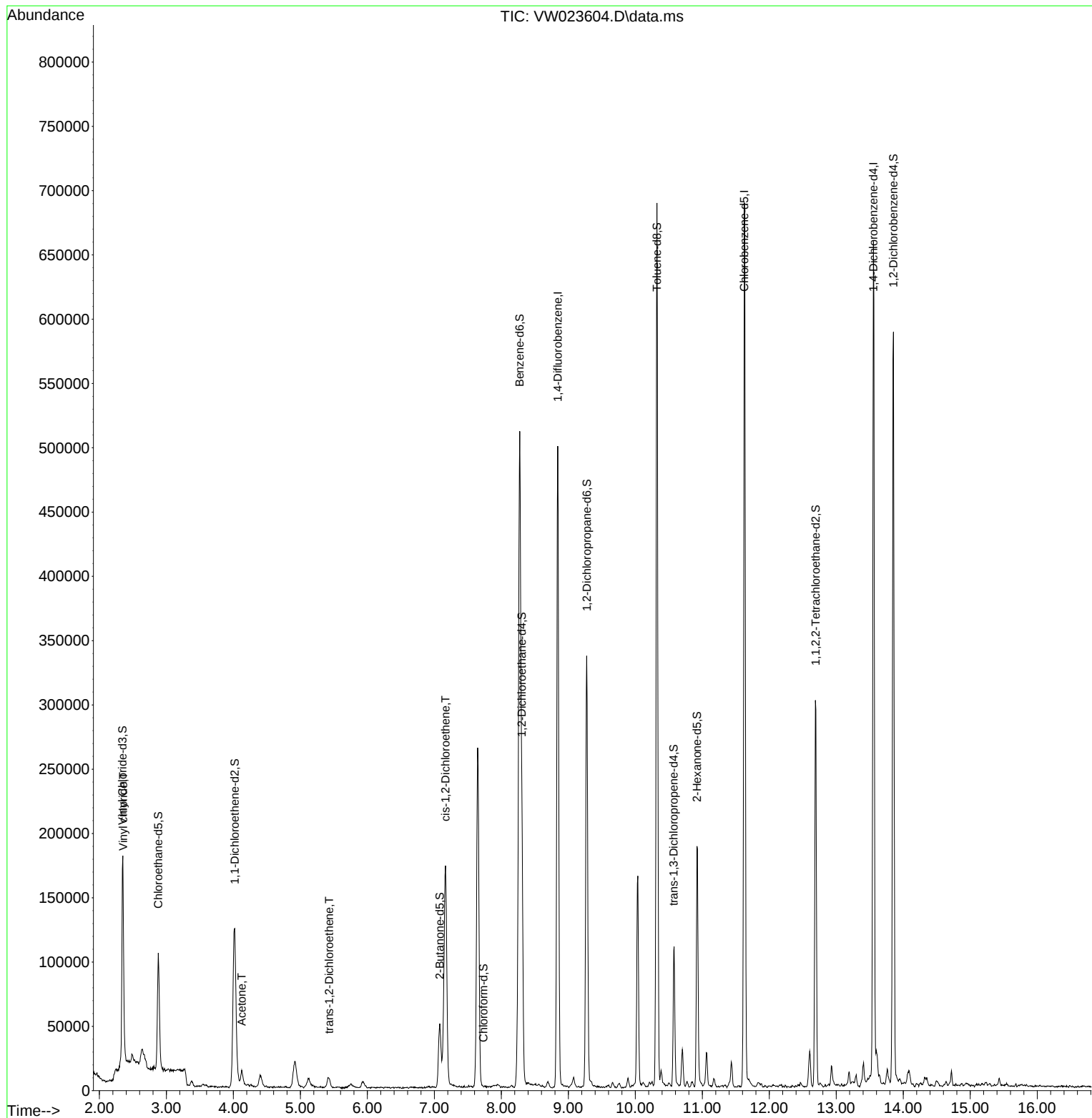
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	400140	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	366031	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	166770	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	143215	19.772	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.080%
7) Chloroethane-d5	2.879	69	104999	25.346	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.400%
11) 1,1-Dichloroethene-d2	4.019	63	126660	15.510	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.040%
21) 2-Butanone-d5	7.080	46	79862	53.094	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.180%
24) Chloroform-d	7.732	84	236	0.021	ug/L	0.09
Spiked Amount	25.000	Range	40 - 150	Recovery	=	0.080%#
26) 1,2-Dichloroethane-d4	8.305	65	146996	22.819	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.280%
32) Benzene-d6	8.275	84	484706	23.933	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.720%
36) 1,2-Dichloropropane-d6	9.274	67	148950	25.121	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.480%
41) Toluene-d8	10.323	98	436534	22.237	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.960%
43) trans-1,3-Dichloroprop...	10.573	79	58476	22.094	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.360%
47) 2-Hexanone-d5	10.921	63	62457	53.858	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.720%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	147130	25.012	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.040%
66) 1,2-Dichlorobenzene-d4	13.853	152	139817	23.238	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.960%
Target Compounds						
					Qvalue	
5) Vinyl chloride	2.355	62	34817	3.864	ug/L	86
13) Acetone	4.123	43	17528	15.811	ug/L	90
17) trans-1,2-Dichloroethene	5.428	96	4700	0.821	ug/L	82
20) cis-1,2-Dichloroethene	7.165	96	87598	13.964	ug/L	96

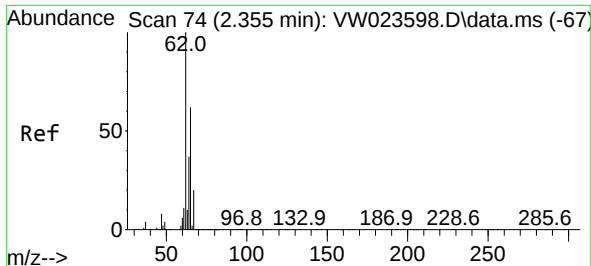
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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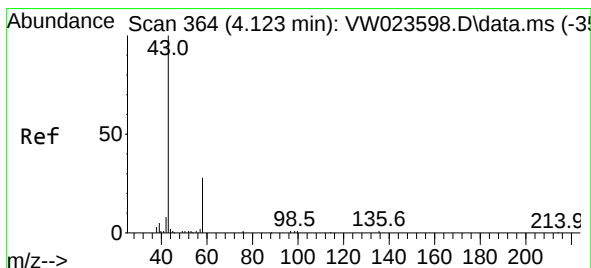
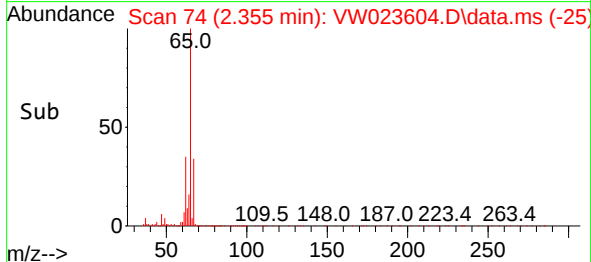
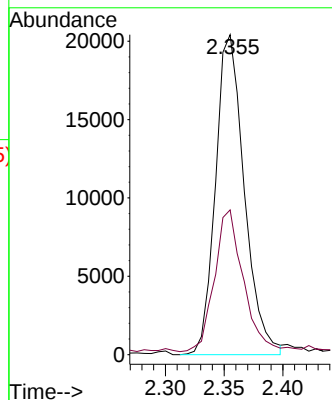
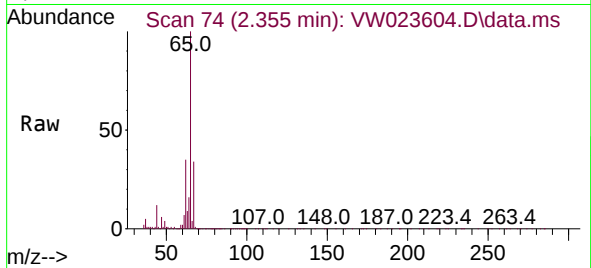




#5
 Vinyl chloride
 Concen: 3.864 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.000 min
 Lab File: VW023604.D
 Acq: 12 Jul 2022 14:32

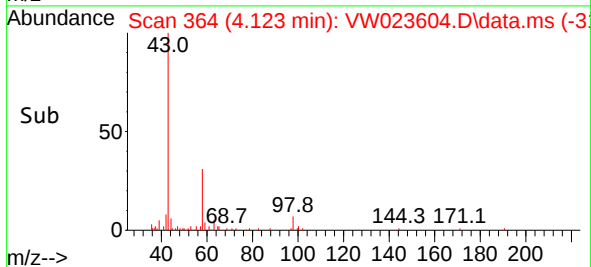
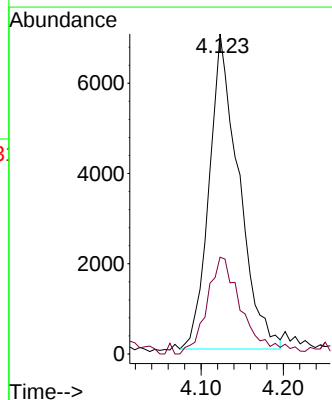
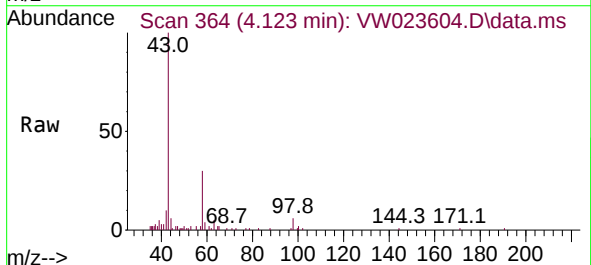
Instrument :
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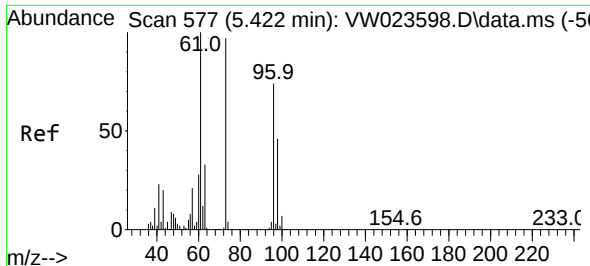
Tgt Ion: 62 Resp: 34817
 Ion Ratio Lower Upper
 62 100
 64 45.3 25.8 47.8



#13
 Acetone
 Concen: 15.811 ug/L
 RT: 4.123 min Scan# 364
 Delta R.T. -0.000 min
 Lab File: VW023604.D
 Acq: 12 Jul 2022 14:32

Tgt Ion: 43 Resp: 17528
 Ion Ratio Lower Upper
 43 100
 58 36.3 0.0 61.2

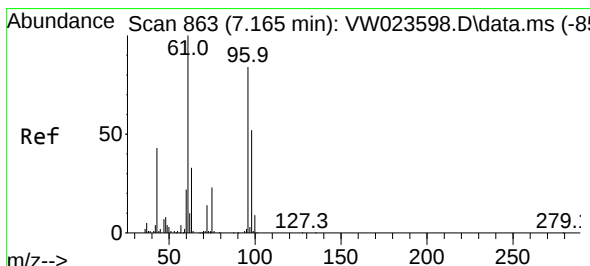
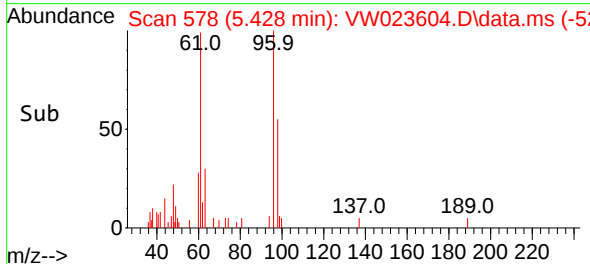
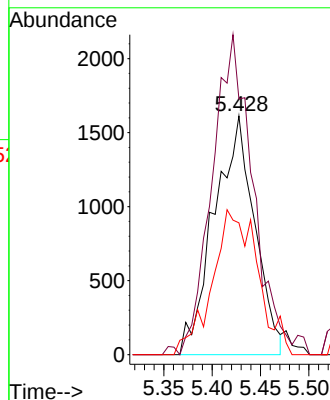
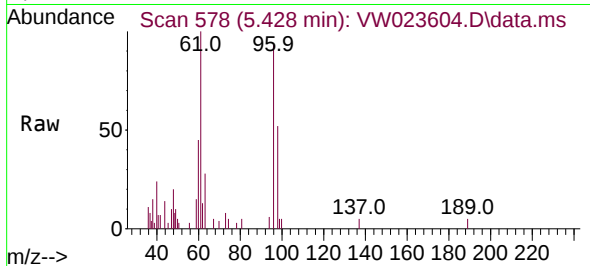




#17
trans-1,2-Dichloroethene
Concen: 0.821 ug/L
RT: 5.428 min Scan# 577
Delta R.T. 0.006 min
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Instrument :
MSVOA_W
ClientSampleId :
F5B03

Tgt Ion: 96 Resp: 4700
Ion Ratio Lower Upper
96 100
61 107.1 92.3 171.5
98 55.2 45.5 84.5



#20
cis-1,2-Dichloroethene
Concen: 13.964 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.000 min
Lab File: VW023604.D
Acq: 12 Jul 2022 14:32

Tgt Ion: 96 Resp: 87598
Ion Ratio Lower Upper
96 100
61 114.1 83.2 154.6
68 0.0 0.0 0.0

