

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071322\
 Data File : VW023690.D
 Acq On : 14 Jul 2022 10:01
 Operator : SY/VA
 Sample : N3698-09
 Misc : 5.57g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F5B74

Quant Time: Jul 15 01:32:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jul 14 04:56:40 2022
 Response via : Initial Calibration

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

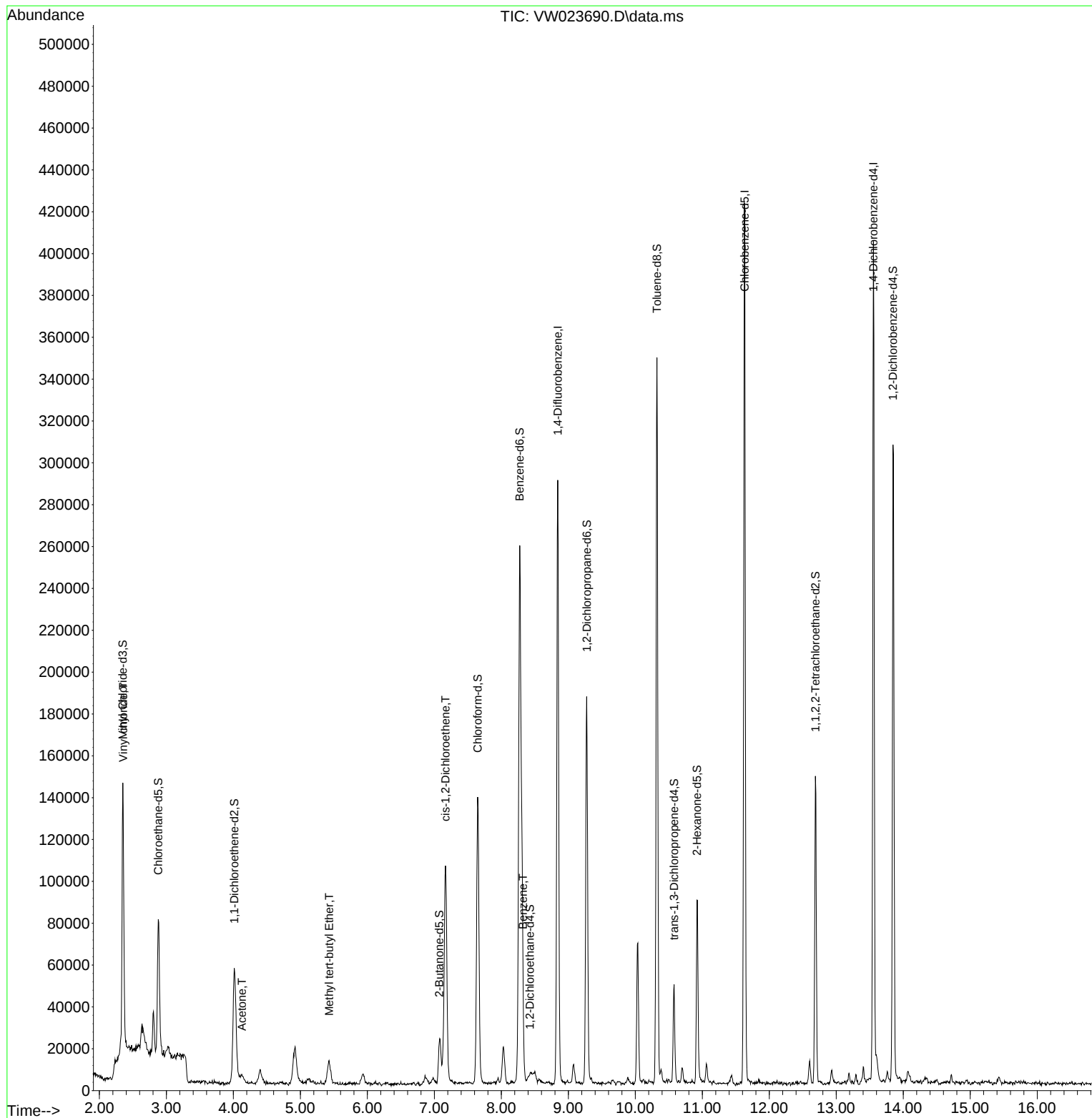
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	220744	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	212138	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	89444	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	94323	16.730	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.920%
7) Chloroethane-d5	2.879	69	79033	21.013	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.040%
11) 1,1-Dichloroethene-d2	4.013	63	53725	11.702	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	46.800%
21) 2-Butanone-d5	7.074	46	36467	41.700	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.400%
24) Chloroform-d	7.647	84	129245	20.110	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.440%
26) 1,2-Dichloroethane-d4	8.427	65	292	0.074	ug/L	0.12
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.280%#
32) Benzene-d6	8.275	84	236154	21.415	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.640%
36) 1,2-Dichloropropane-d6	9.275	67	75966	22.869	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.480%
41) Toluene-d8	10.323	98	216143	19.323	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.280%
43) trans-1,3-Dichloroprop...	10.579	79	23188	14.893	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	59.560%
47) 2-Hexanone-d5	10.921	63	26849	38.439	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.880%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	65923	17.958	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	71.840%
66) 1,2-Dichlorobenzene-d4	13.847	152	71680	22.449	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.800%
Target Compounds						Qvalue
5) Vinyl chloride	2.355	62	46920	7.438	ug/L	96
13) Acetone	4.129	43	4844	7.835	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	3671	0.836	ug/L #	50
20) cis-1,2-Dichloroethene	7.165	96	53883	17.131	ug/L #	98
33) Benzene	8.323	78	7556	0.627	ug/L	100

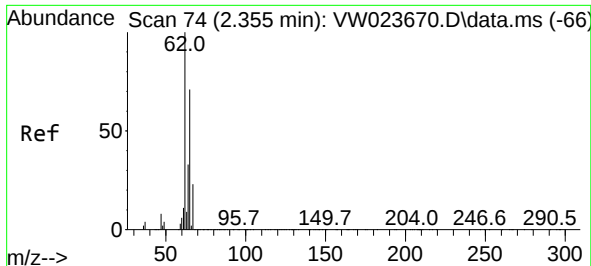
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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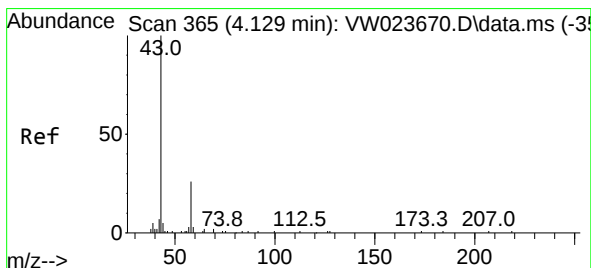
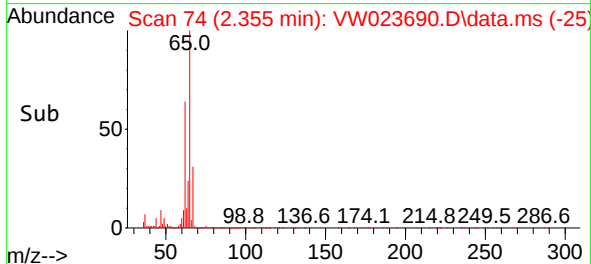
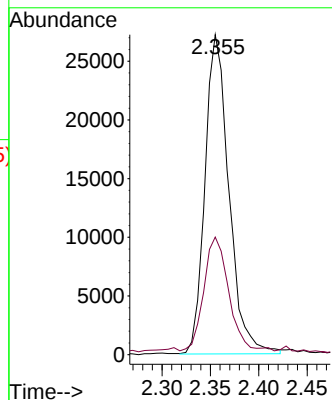
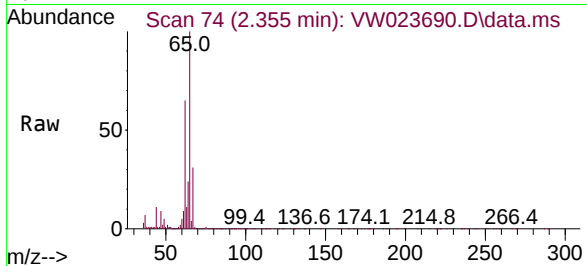




#5
 Vinyl chloride
 Concen: 7.438 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. 0.000 min
 Lab File: VW023690.D
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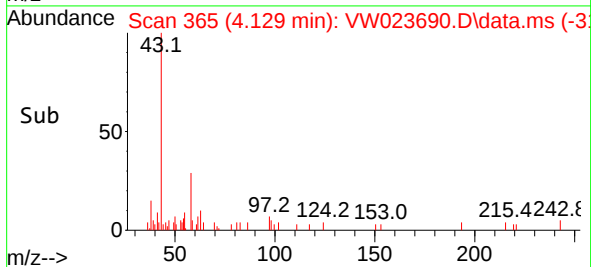
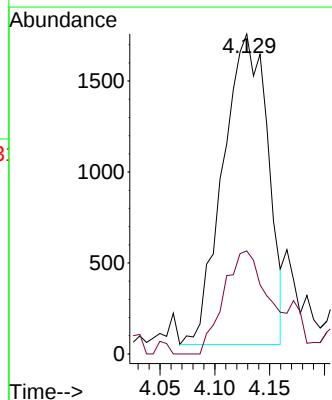
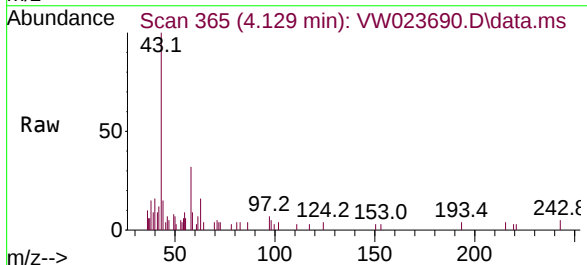
Instrument :
 MSVOA_W
 ClientSampleId :
 F5B74

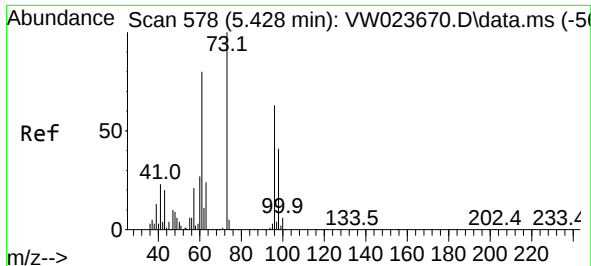
Tgt Ion: 62 Resp: 46920
 Ion Ratio Lower Upper
 62 100
 64 36.8 24.0 44.6



#13
 Acetone
 Concen: 7.835 ug/L
 RT: 4.129 min Scan# 365
 Delta R.T. 0.000 min
 Lab File: VW023690.D
 Acq: 14 Jul 2022 10:01

Tgt Ion: 43 Resp: 4844
 Ion Ratio Lower Upper
 43 100
 58 33.5 0.0 64.2

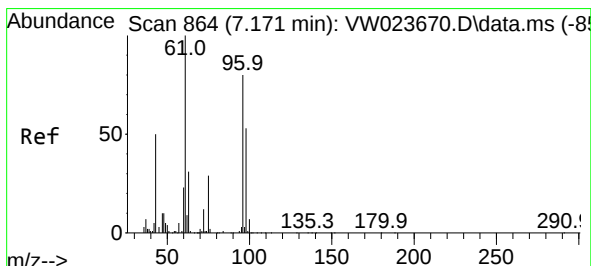
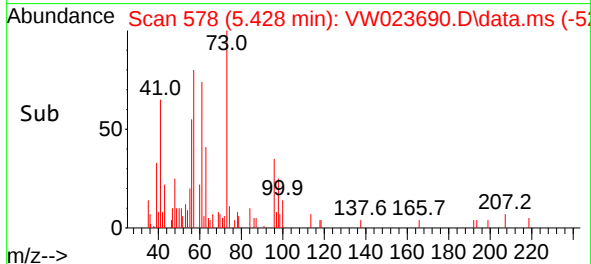
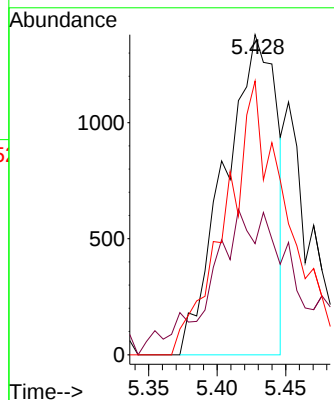
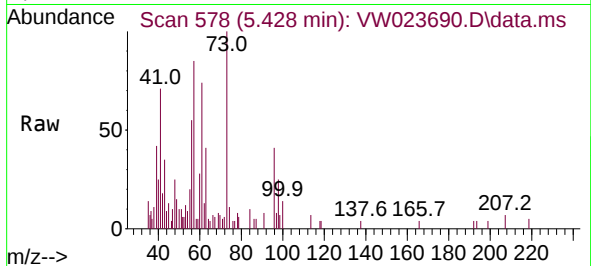




#18
Methyl tert-butyl Ether
Concen: 0.836 ug/L
RT: 5.428 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW023690.D
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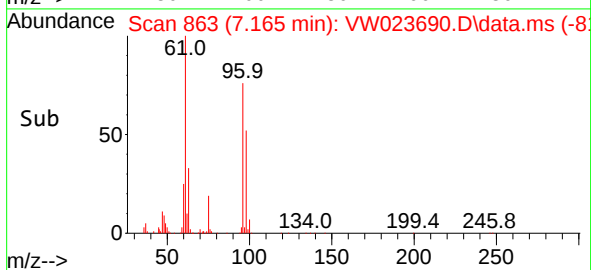
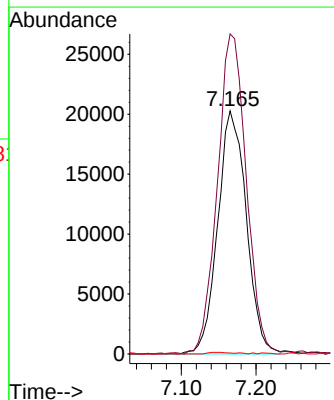
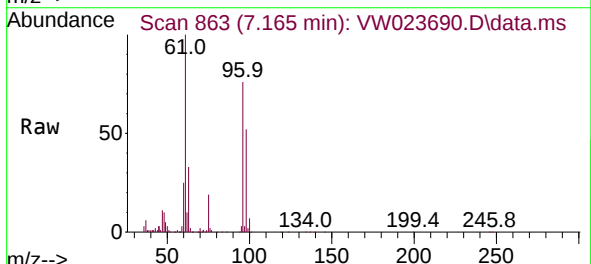
Instrument :
MSVOA_W
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F5B74

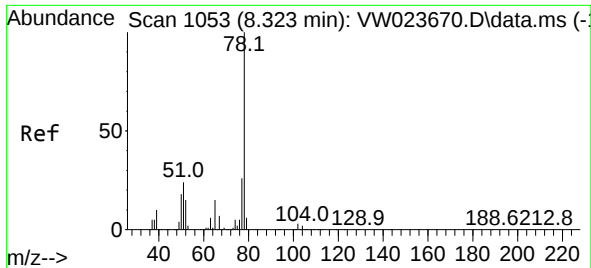
Tgt Ion: 73 Resp: 3671
Ion Ratio Lower Upper
73 100
43 13.9 17.6 26.4#
57 60.7 16.8 25.2#



#20
cis-1,2-Dichloroethene
Concen: 17.131 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.006 min
Lab File: VW023690.D
Acq: 14 Jul 2022 10:01

Tgt Ion: 96 Resp: 53883
Ion Ratio Lower Upper
96 100
61 131.6 90.6 168.2
68 0.4 0.2 0.4#





#33

Benzene

Concen: 0.627 ug/L

RT: 8.323 min Scan# 10

Delta R.T. 0.000 min

Lab File: VW023690.D

Acq: 14 Jul 2022 10:01

Instrument :

MSVOA_W

ClientSampleId :

F5B74

Tgt Ion: 78 Resp: 7556

