

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041923\
 Data File : VW030681.D
 Acq On : 19 Apr 2023 22:10
 Operator : SY/MD
 Sample : 02411-01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 20 06:51:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 20 02:25:10 2023
 Response via : Initial Calibration

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

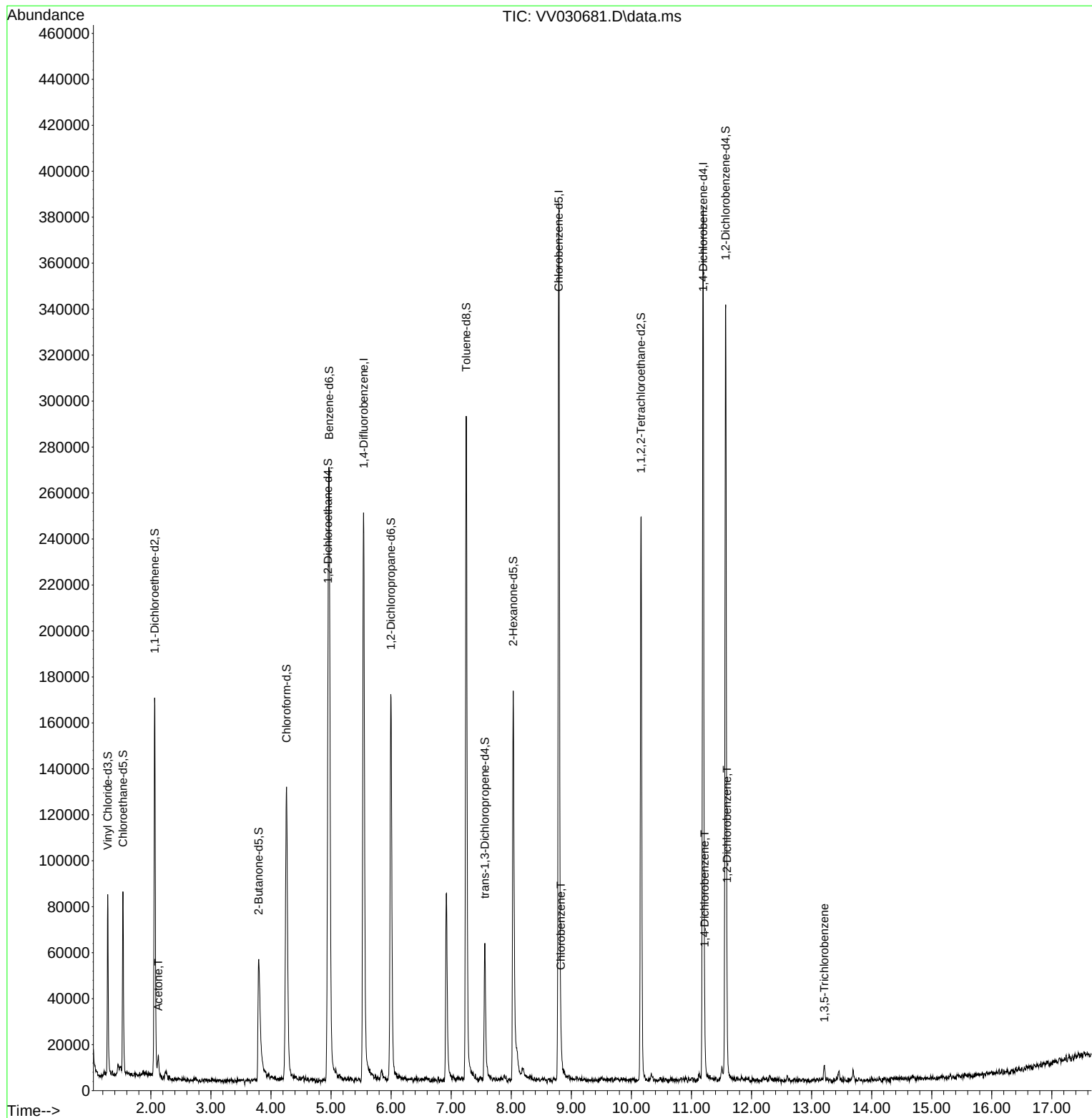
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	212529	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	202780	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	97168	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	52373	33.615	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.240%
7) Chloroethane-d5	1.535	69	47626	36.478	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	72.960%
11) 1,1-Dichloroethene-d2	2.063	65	27886	37.742	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.480%
21) 2-Butanone-d5	3.796	46	92264	107.817	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.820%
24) Chloroform-d	4.259	84	130875	46.353	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.700%
26) 1,2-Dichloroethane-d4	4.950	65	88992	49.024	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.040%
32) Benzene-d6	4.969	84	219938	45.875	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.740%
36) 1,2-Dichloropropane-d6	5.995	67	73541	49.382	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.760%
41) Toluene-d8	7.249	98	189102	42.010	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.020%
43) trans-1,3-Dichloroprop...	7.561	79	32878	43.802	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.600%
47) 2-Hexanone-d5	8.034	63	56153	95.715	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.720%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	108741	50.321	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.640%
66) 1,2-Dichlorobenzene-d4	11.570	152	83544	54.093	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.180%
Target Compounds						
					Qvalue	
13) Acetone	2.124	43	7061	5.332	ug/L	90
51) Chlorobenzene	8.825	112	4839	1.108	ug/L	89
65) 1,4-Dichlorobenzene	11.220	146	4311	1.347	ug/L	97
67) 1,2-Dichlorobenzene	11.590	146	3504	1.145	ug/L	94
69) 1,3,5-Trichlorobenzene	13.210	180	1918	0.837	ug/L	91

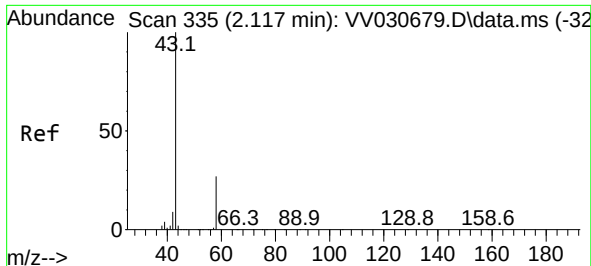
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 20 02:25:10 2023
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#13

Acetone

Concen: 5.332 ug/L

RT: 2.124 min Scan# 31

Delta R.T. 0.006 min

Lab File: VV030681.D

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Instrument :

MSVOA_V

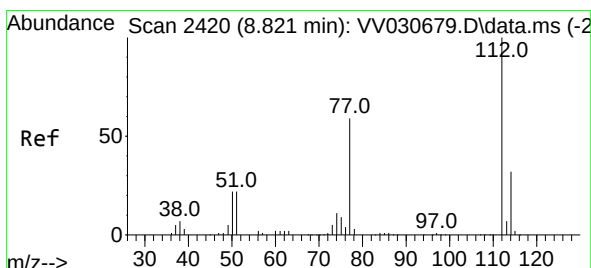
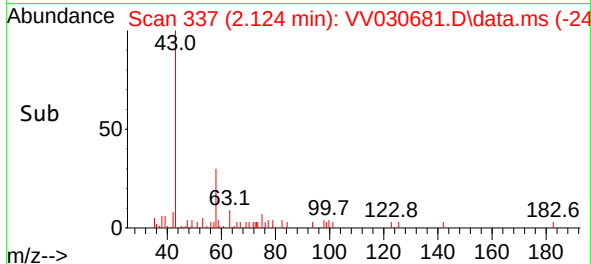
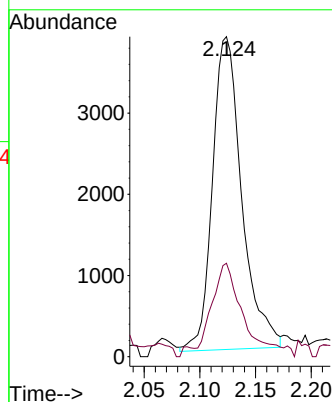
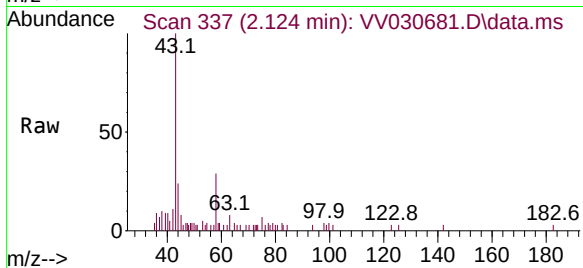
ClientSampleId :

Tgt Ion: 43 Resp: 7061

Ion Ratio Lower Upper

43 100

58 31.5 0.0 52.8



#51

Chlorobenzene

Concen: 1.108 ug/L

RT: 8.825 min Scan# 2421

Delta R.T. 0.003 min

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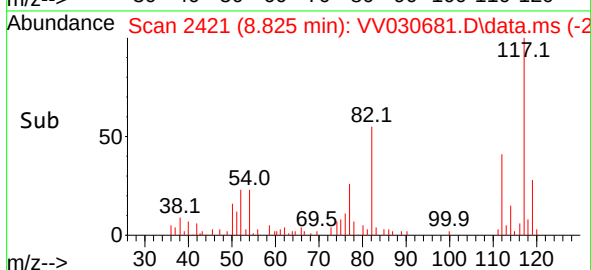
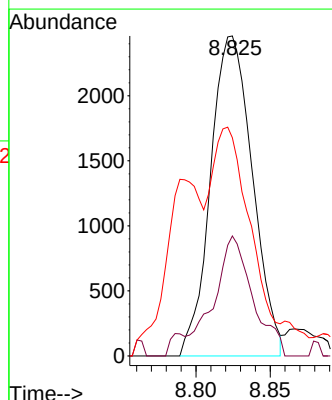
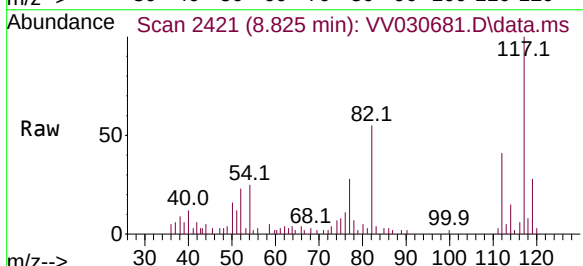
Tgt Ion: 112 Resp: 4839

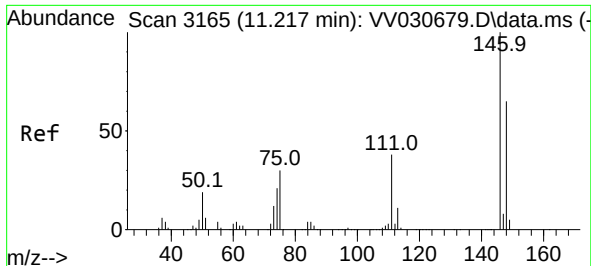
Ion Ratio Lower Upper

112 100

114 37.5 22.4 41.6

77 68.2 47.4 71.0

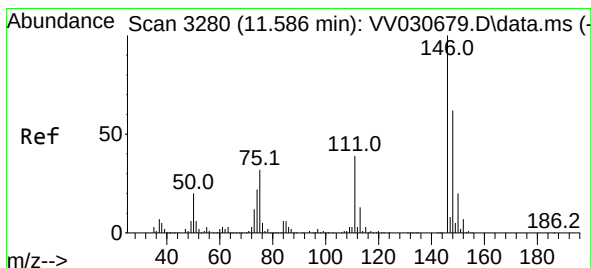
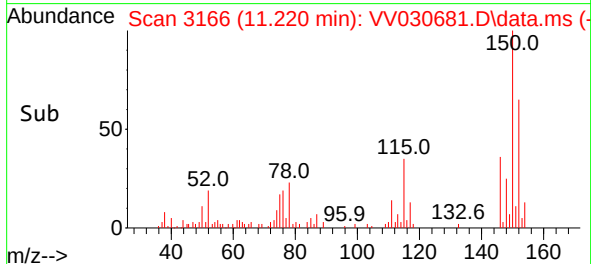
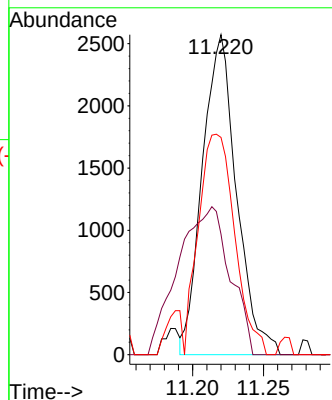
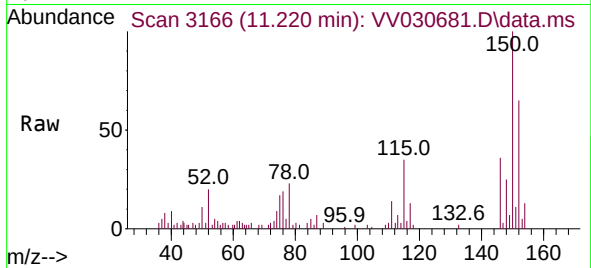




#65
1,4-Dichlorobenzene
Concen: 1.347 ug/L
RT: 11.220 min Scan# 3166
Delta R.T. 0.003 min
Lab File: VV030681.D
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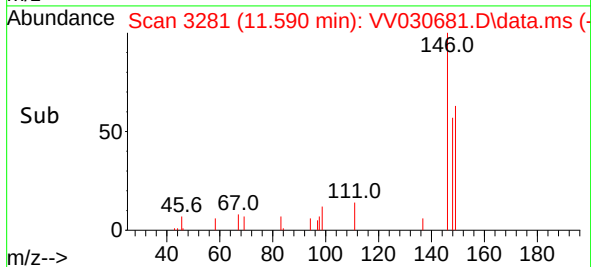
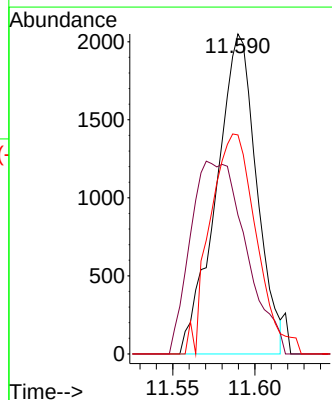
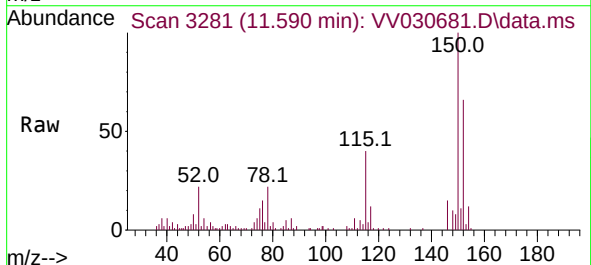
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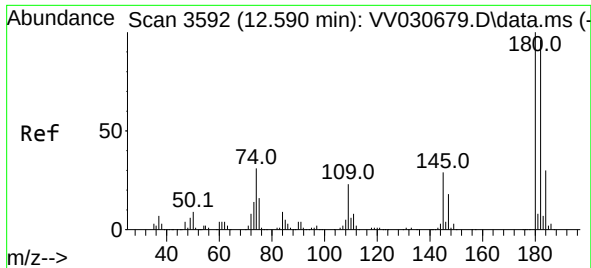
Tgt Ion:146 Resp: 4311
Ion Ratio Lower Upper
146 100
111 37.7 26.5 49.1
148 67.9 44.7 83.1



#67
1,2-Dichlorobenzene
Concen: 1.145 ug/L
RT: 11.590 min Scan# 3281
Delta R.T. 0.003 min
Lab File: VV030681.D
Acq: 19 Apr 2023 22:10

Tgt Ion:146 Resp: 3504
Ion Ratio Lower Upper
146 100
111 43.4 32.0 48.0
148 68.4 50.6 76.0





#69

1,3,5-Trichlorobenzene

Concen: 0.837 ug/L

RT: 13.210 min Scan# 31

Delta R.T. 0.621 min

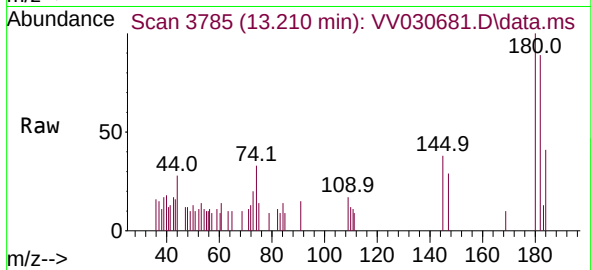
Lab File: VV030681.D

Acq: 19 Apr 2023 22:10

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 1918

Ion Ratio Lower Upper

180 100

182 83.5 76.4 114.6

184 32.2 24.1 36.1

145 27.4 23.6 35.4

