

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041923\
 Data File : VW030670.D
 Acq On : 19 Apr 2023 17:18
 Operator : SY/MD
 Sample : 02334-01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 20 01:30:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 20 01:26:42 2023
 Response via : Initial Calibration

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

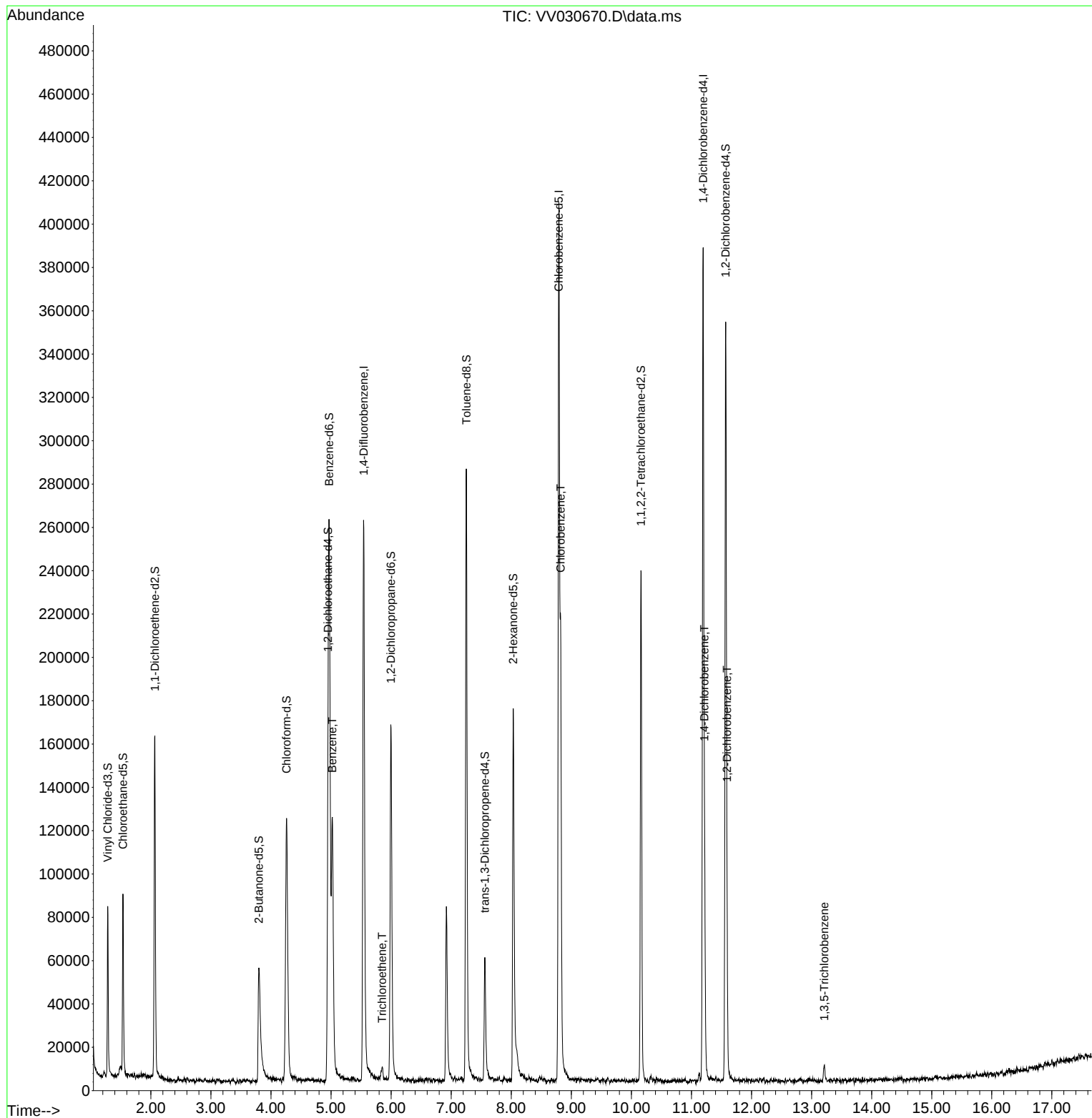
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	218752	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	208769	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	98797	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	51393	32.048	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	64.100%
7) Chloroethane-d5	1.536	69	49366	36.735	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	73.480%
11) 1,1-Dichloroethene-d2	2.066	65	26193	34.442	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.880%
21) 2-Butanone-d5	3.799	46	91500	103.882	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.880%
24) Chloroform-d	4.259	84	124747	42.925	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.860%
26) 1,2-Dichloroethane-d4	4.950	65	86321	46.200	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.400%
32) Benzene-d6	4.970	84	215780	43.717	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.440%
36) 1,2-Dichloropropane-d6	5.998	67	70894	46.239	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.480%
41) Toluene-d8	7.252	98	185459	40.019	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.040%
43) trans-1,3-Dichloroprop...	7.561	79	32968	42.662	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.320%
47) 2-Hexanone-d5	8.034	63	58066	96.137	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.140%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	106868	48.035	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.080%
66) 1,2-Dichlorobenzene-d4	11.571	152	83233	53.003	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.000%
Target Compounds						
					Qvalue	
33) Benzene	5.021	78	115884	18.279	ug/L	100
34) Trichloroethene	5.851	95	1612	0.978	ug/L	# 82
51) Chlorobenzene	8.821	112	99941	22.223	ug/L	98
65) 1,4-Dichlorobenzene	11.217	146	38366	11.794	ug/L	99
67) 1,2-Dichlorobenzene	11.590	146	27718	8.907	ug/L	99
69) 1,3,5-Trichlorobenzene	13.210	180	2346	1.007	ug/L	91

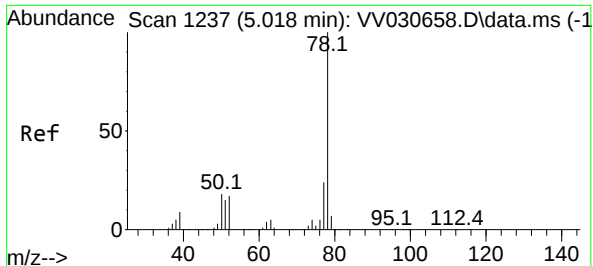
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Apr 20 01:26:42 2023
Response via : Initial Calibration

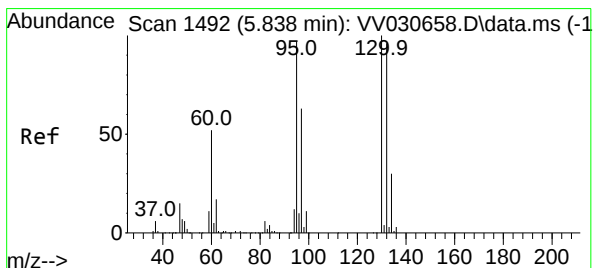
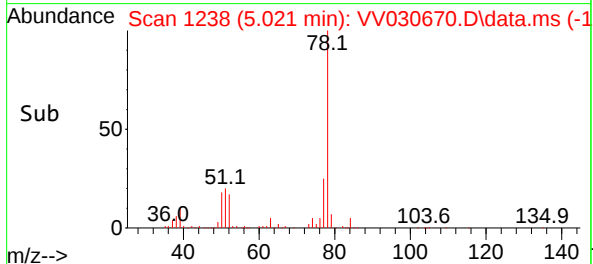
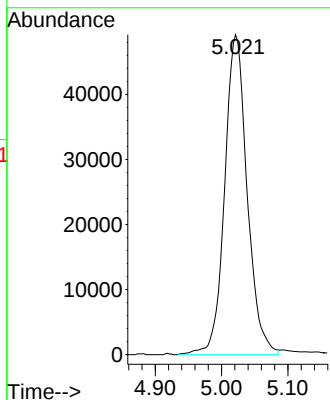
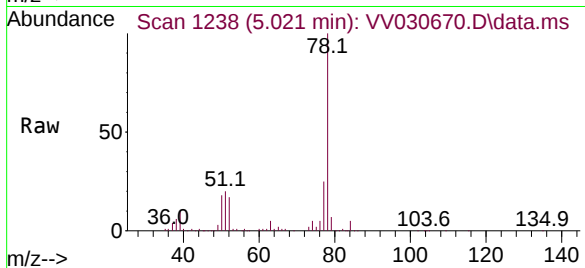




#33
Benzene
Concen: 18.279 ug/L
RT: 5.021 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV030670.D
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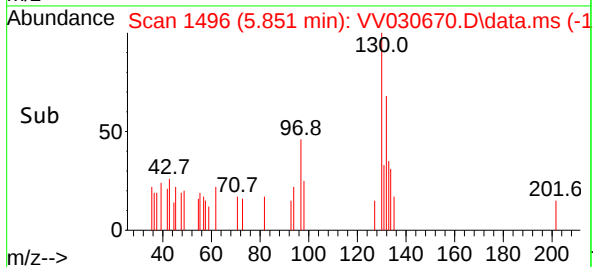
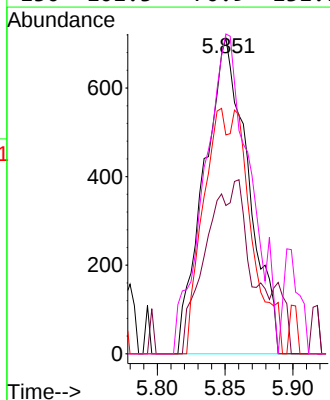
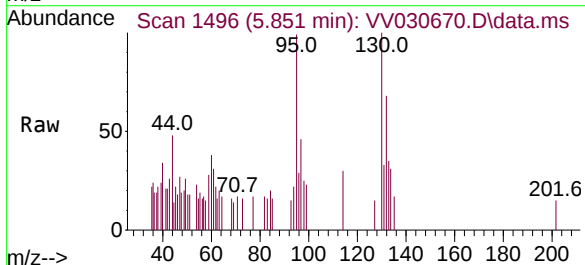
Instrument :
MSVOA_V
ClientSampleId :

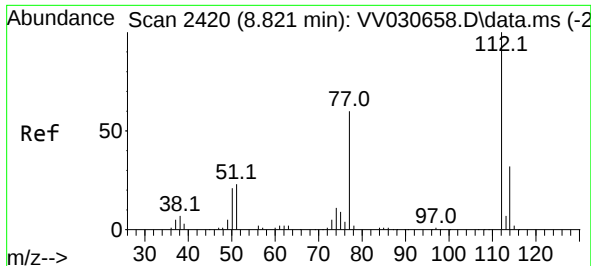
Tgt Ion: 78 Resp: 115884



#34
Trichloroethene
Concen: 0.978 ug/L
RT: 5.851 min Scan# 1496
Delta R.T. 0.013 min
Lab File: VV030670.D
Acq: 19 Apr 2023 17:18

Tgt Ion: 95 Resp: 1612
Ion Ratio Lower Upper
95 100
97 47.0 45.8 85.2
132 69.3 70.6 131.2#
130 101.3 70.9 131.7

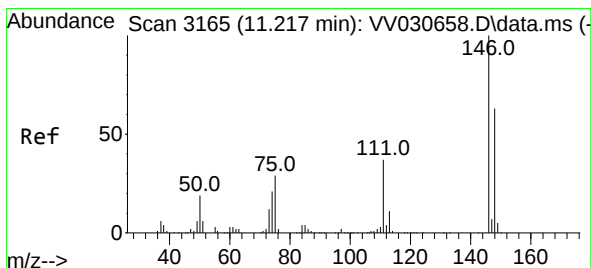
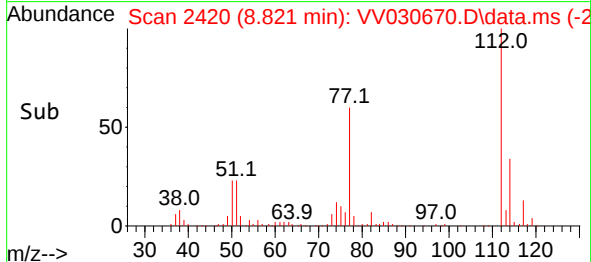
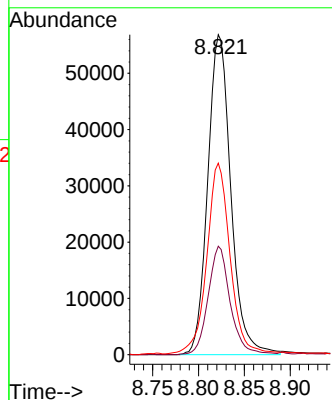
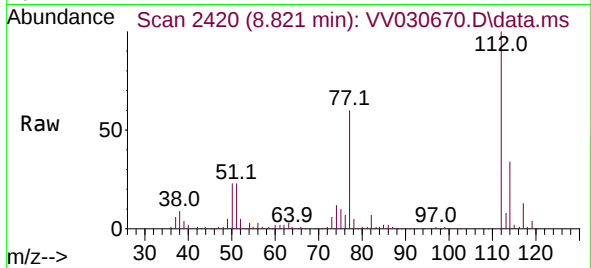




#51
Chlorobenzene
Concen: 22.223 ug/L
RT: 8.821 min Scan# 2420
Delta R.T. 0.000 min
Lab File: VV030670.D
Acq: 19 Apr 2023 17:18

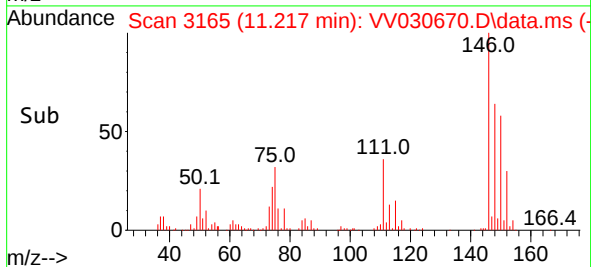
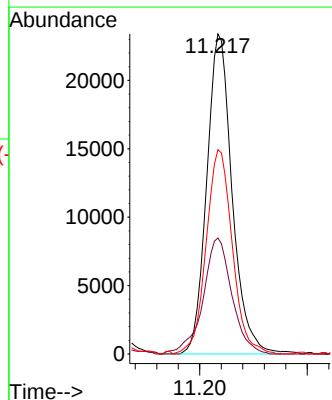
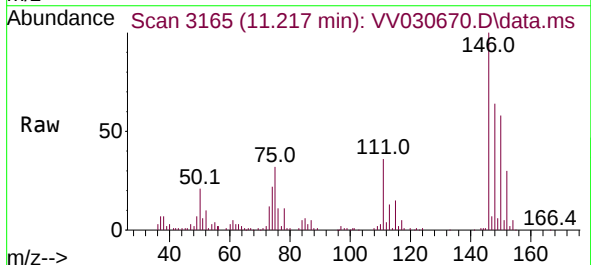
Instrument :
MSVOA_V
ClientSampleId :

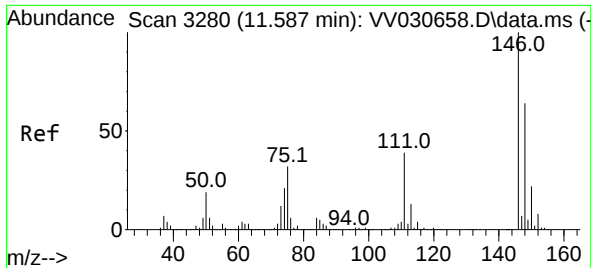
Tgt Ion:112 Resp: 99941
Ion Ratio Lower Upper
112 100
114 33.9 22.4 41.6
77 59.9 47.4 71.0



#65
1,4-Dichlorobenzene
Concen: 11.794 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. 0.000 min
Lab File: VV030670.D
Acq: 19 Apr 2023 17:18

Tgt Ion:146 Resp: 38366
Ion Ratio Lower Upper
146 100
111 36.3 26.5 49.1
148 63.9 44.7 83.1

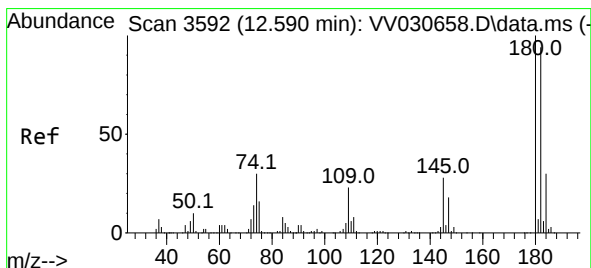
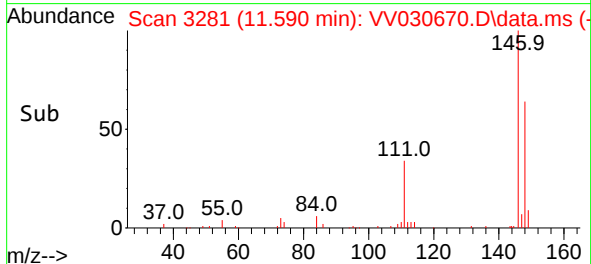
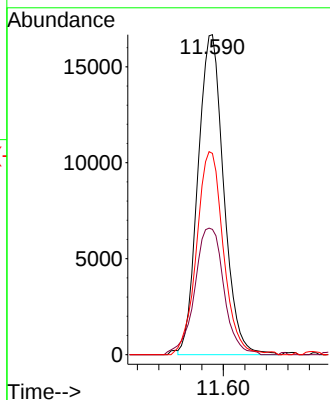
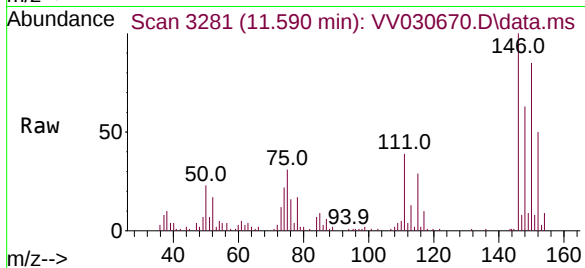




#67
1,2-Dichlorobenzene
Concen: 8.907 ug/L
RT: 11.590 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV030670.D
Acq: 19 Apr 2023 17:18

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:146 Resp: 27718
Ion Ratio Lower Upper
146 100
111 39.2 32.0 48.0
148 62.9 50.6 76.0



#69
1,3,5-Trichlorobenzene
Concen: 1.007 ug/L
RT: 13.210 min Scan# 3785
Delta R.T. 0.621 min
Lab File: VV030670.D
Acq: 19 Apr 2023 17:18

Tgt Ion:180 Resp: 2346
Ion Ratio Lower Upper
180 100
182 85.1 76.4 114.6
184 28.0 24.1 36.1
145 33.6 23.6 35.4

