

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042423\
 Data File : VW030795.D
 Acq On : 24 Apr 2023 16:10
 Operator : SY/MD
 Sample : 02419-01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW8Y6

Quant Time: Apr 25 03:23:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 22 00:43:23 2023
 Response via : Initial Calibration

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

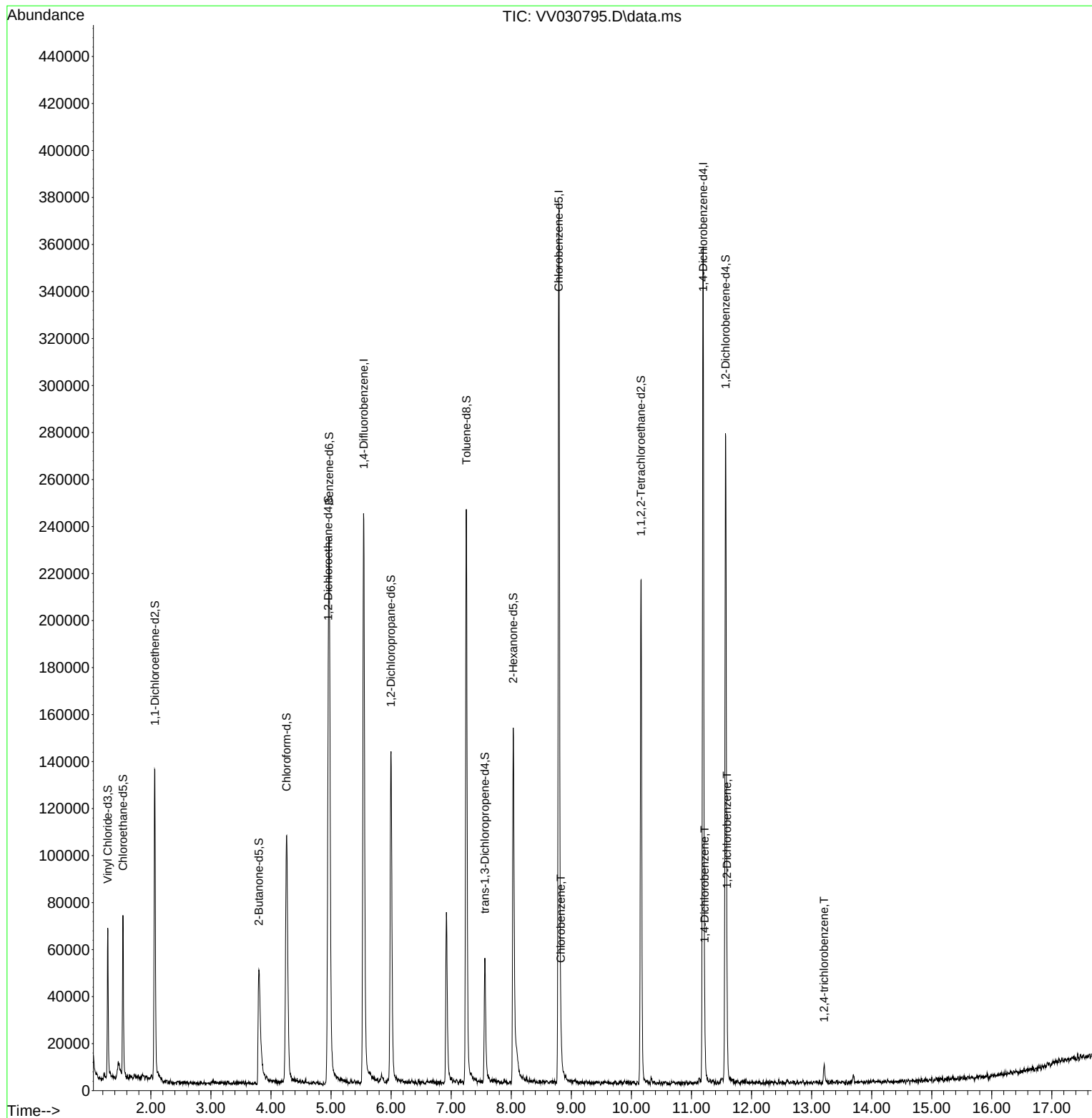
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	203253	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	198123	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	94451	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	41055	27.554	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	55.100%#
7) Chloroethane-d5	1.536	69	39935	31.983	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	63.960%#
11) 1,1-Dichloroethene-d2	2.066	65	22661	32.070	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.140%
21) 2-Butanone-d5	3.799	46	82888	101.281	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.280%
24) Chloroform-d	4.259	84	107934	39.972	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.940%
26) 1,2-Dichloroethane-d4	4.953	65	78972	45.490	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.980%
32) Benzene-d6	4.970	84	189237	40.399	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.800%
36) 1,2-Dichloropropane-d6	5.998	67	61419	42.211	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.420%
41) Toluene-d8	7.252	98	163763	37.236	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	74.480%#
43) trans-1,3-Dichloroprop...	7.561	79	30034	40.954	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.900%
47) 2-Hexanone-d5	8.034	63	50557	88.202	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.200%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	94143	44.590	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.180%
66) 1,2-Dichlorobenzene-d4	11.567	152	68816	45.839	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.680%
Target Compounds						
					Qvalue	
51) Chlorobenzene	8.825	112	7195	1.686	ug/L	96
65) 1,4-Dichlorobenzene	11.220	146	4584	1.474	ug/L	98
67) 1,2-Dichlorobenzene	11.590	146	6460	2.171	ug/L	89
70) 1,2,4-trichlorobenzene	13.207	180	2394	1.266	ug/L	100

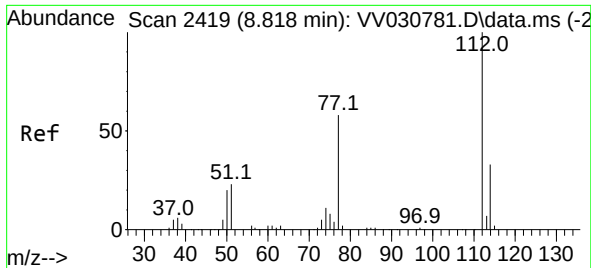
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Apr 22 00:43:23 2023
Response via : Initial Calibration

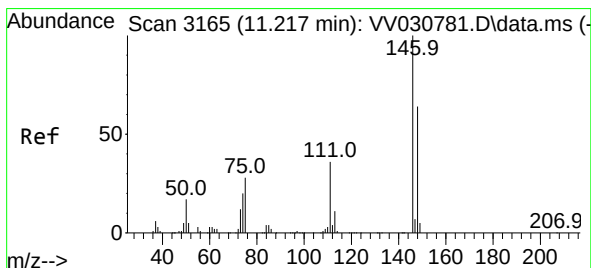
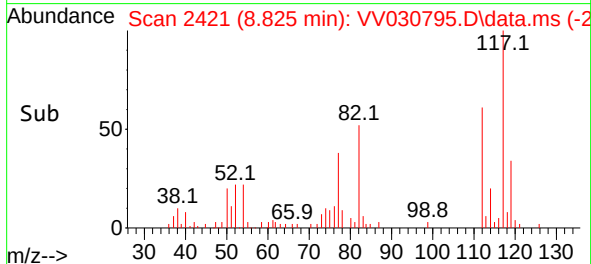
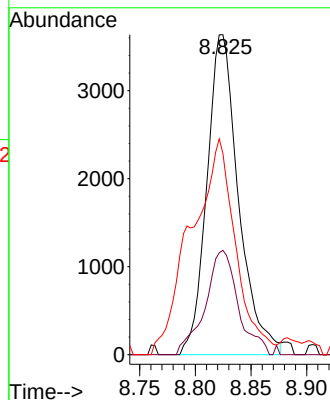
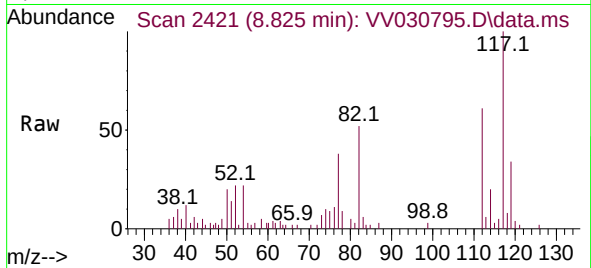




#51
Chlorobenzene
Concen: 1.686 ug/L
RT: 8.825 min Scan# 2419
Delta R.T. 0.003 min
Lab File: VV030795.D
Acq: 24 Apr 2023 16:10

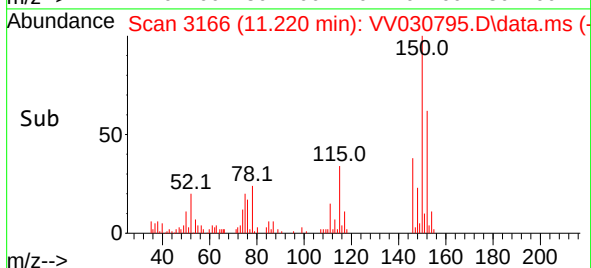
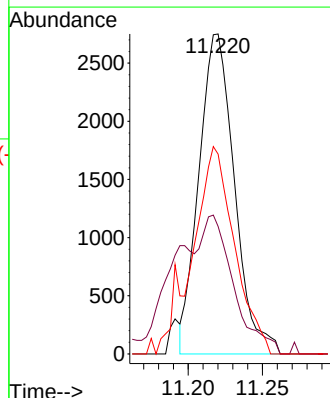
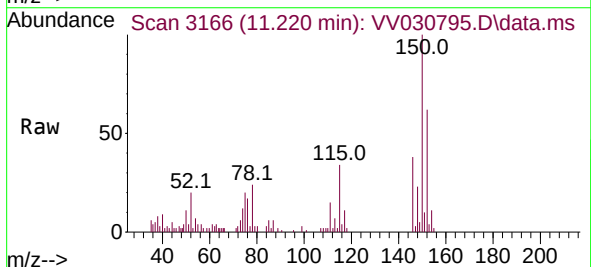
Instrument :
MSVOA_V
ClientSampleId :
EW8Y6

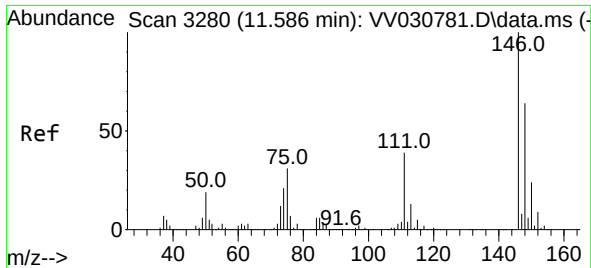
Tgt Ion:112 Resp: 7195
Ion Ratio Lower Upper
112 100
114 32.6 22.4 41.6
77 62.9 47.4 71.0



#65
1,4-Dichlorobenzene
Concen: 1.474 ug/L
RT: 11.220 min Scan# 3166
Delta R.T. 0.003 min
Lab File: VV030795.D
Acq: 24 Apr 2023 16:10

Tgt Ion:146 Resp: 4584
Ion Ratio Lower Upper
146 100
111 39.8 26.5 49.1
148 62.5 44.7 83.1

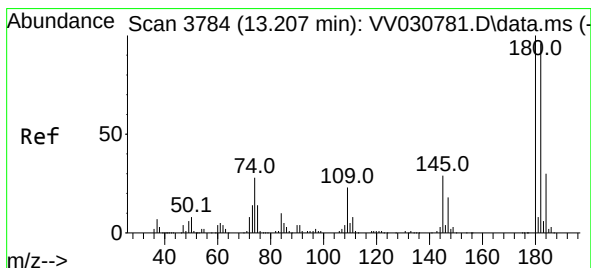
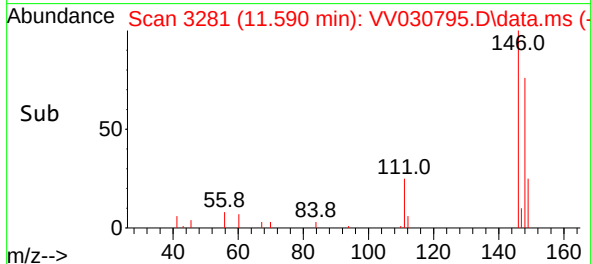
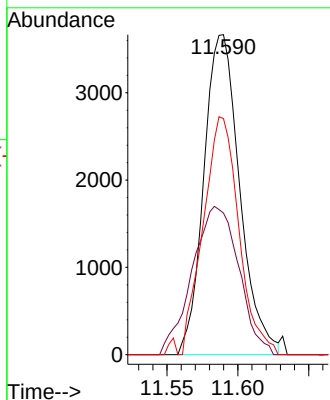
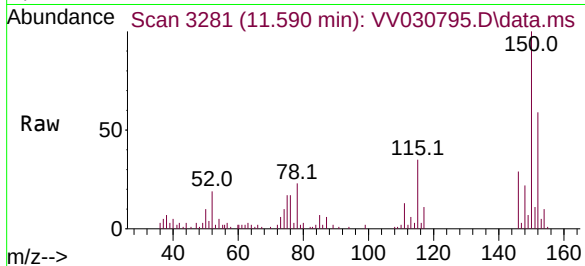




#67
1,2-Dichlorobenzene
Concen: 2.171 ug/L
RT: 11.590 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV030795.D
Acq: 24 Apr 2023 16:10

Instrument :
MSVOA_V
ClientSampleId :
EW8Y6

Tgt Ion:146 Resp: 6460
Ion Ratio Lower Upper
146 100
111 44.2 32.0 48.0
148 73.8 50.6 76.0



#70
1,2,4-trichlorobenzene
Concen: 1.266 ug/L
RT: 13.207 min Scan# 3784
Delta R.T. -0.000 min
Lab File: VV030795.D
Acq: 24 Apr 2023 16:10

Tgt Ion:180 Resp: 2394
Ion Ratio Lower Upper
180 100
182 95.3 75.9 113.9
145 29.1 23.4 35.2

