

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042423\
 Data File : VW030787.D
 Acq On : 24 Apr 2023 12:59
 Operator : SY/MD
 Sample : 02440-09
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COMQ4

Quant Time: Apr 25 03:22:06 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)

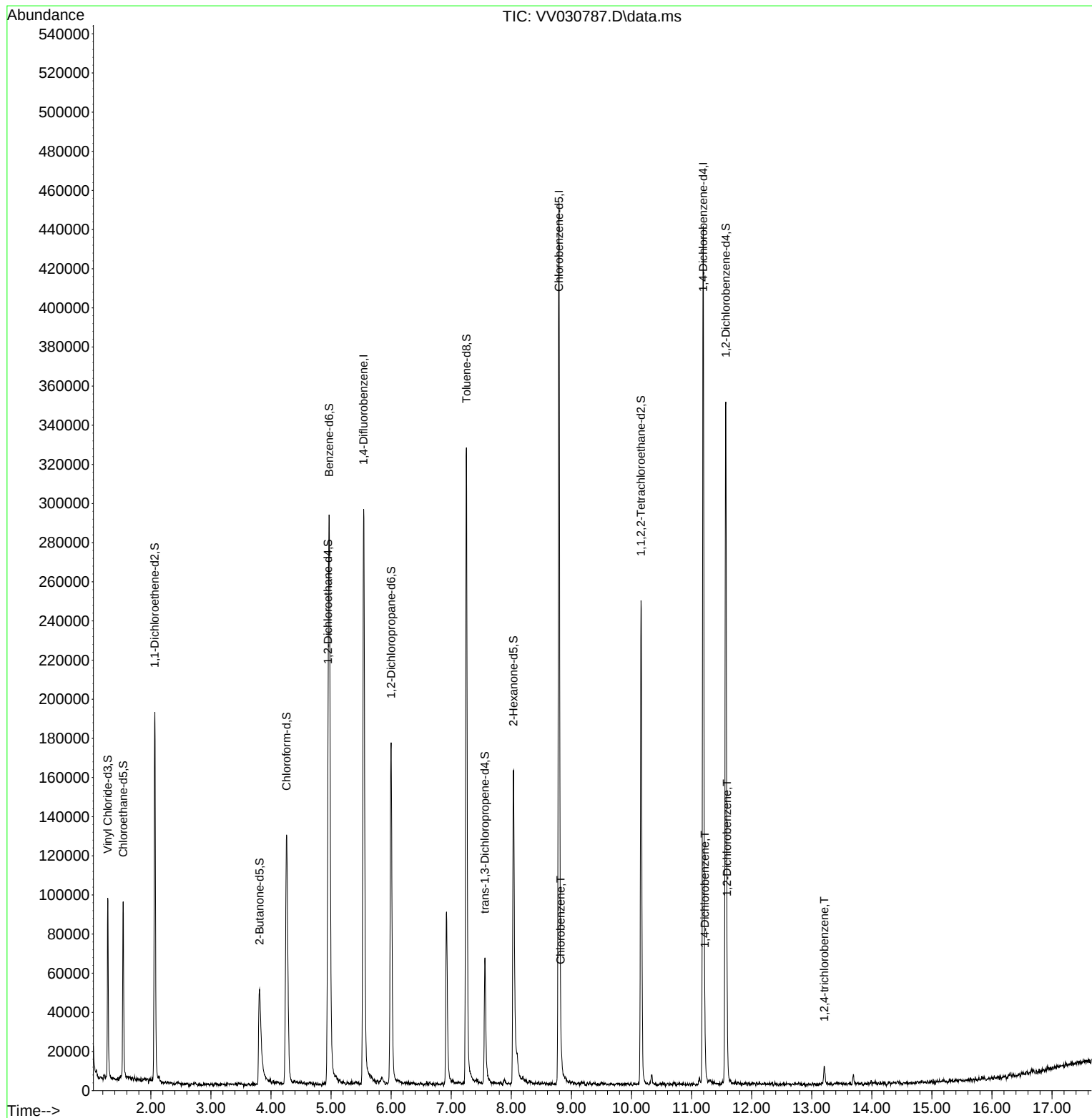
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	248892	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	238654	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	116500	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	61730	33.833	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.660%
7) Chloroethane-d5	1.539	69	56346	36.852	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	73.700%
11) 1,1-Dichloroethene-d2	2.066	65	30743	35.530	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.060%
21) 2-Butanone-d5	3.809	46	92462	92.263	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.260%
24) Chloroform-d	4.259	84	134652	40.723	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.440%
26) 1,2-Dichloroethane-d4	4.950	65	94656	44.526	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.060%
32) Benzene-d6	4.969	84	240988	42.710	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.420%
36) 1,2-Dichloropropane-d6	5.998	67	75818	43.258	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.520%
41) Toluene-d8	7.252	98	213792	40.355	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.720%
43) trans-1,3-Dichloroprop...	7.561	79	36650	41.488	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.980%
47) 2-Hexanone-d5	8.034	63	56771	82.223	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.220%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	106837	42.008	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.020%
66) 1,2-Dichlorobenzene-d4	11.570	152	89667	48.424	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.840%
Target Compounds						
					Qvalue	
51) Chlorobenzene	8.821	112	3746	0.729	ug/L	92
65) 1,4-Dichlorobenzene	11.220	146	6508	1.697	ug/L	93
67) 1,2-Dichlorobenzene	11.590	146	7675	2.091	ug/L	97
70) 1,2,4-trichlorobenzene	13.210	180	3152	1.351	ug/L	98

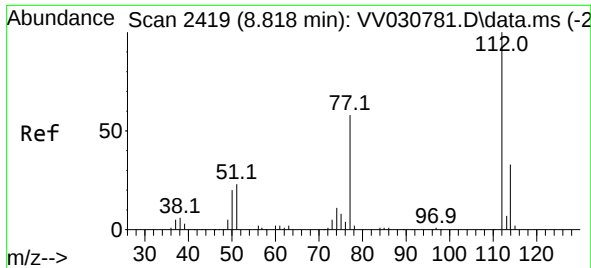
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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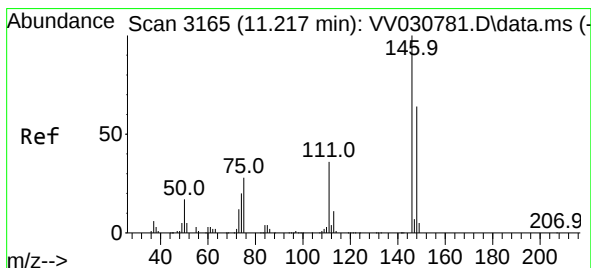
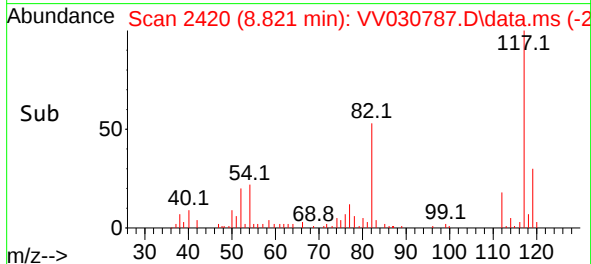
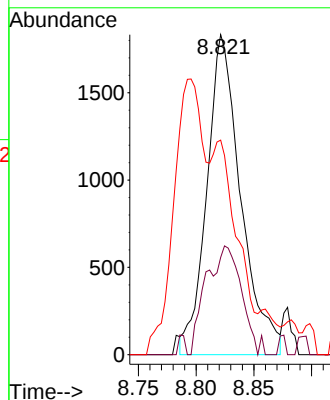
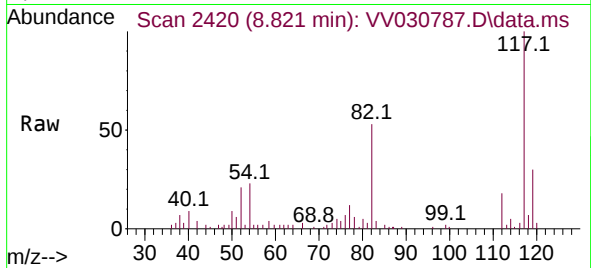




#51
Chlorobenzene
Concen: 0.729 ug/L
RT: 8.821 min Scan# 2419
Delta R.T. -0.000 min
Lab File: VV030787.D
Acq: 24 Apr 2023 12:59

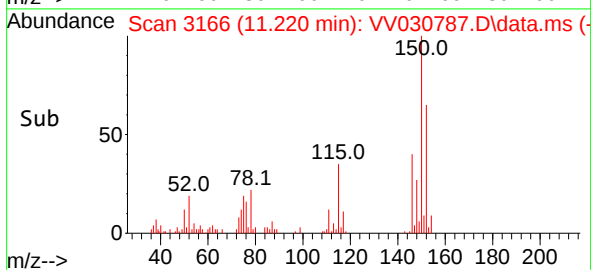
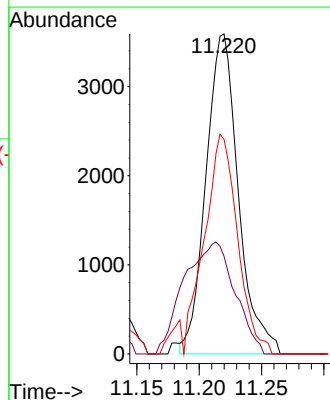
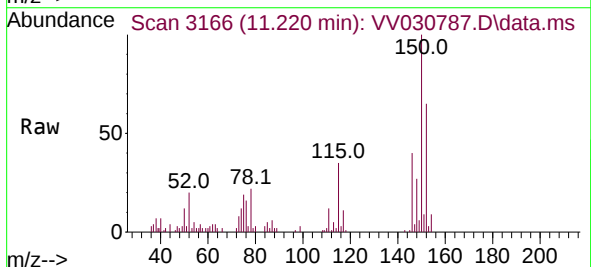
Instrument :
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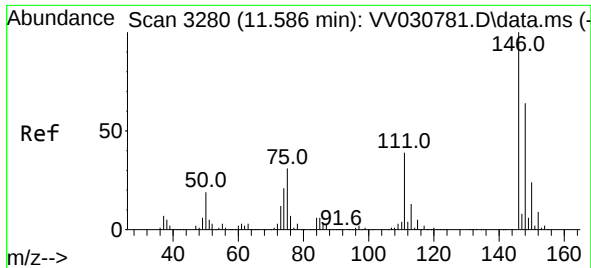
Tgt Ion:112 Resp: 3746
Ion Ratio Lower Upper
112 100
114 30.4 22.4 41.6
77 67.0 47.4 71.0



#65
1,4-Dichlorobenzene
Concen: 1.697 ug/L
RT: 11.220 min Scan# 3166
Delta R.T. 0.003 min
Lab File: VV030787.D
Acq: 24 Apr 2023 12:59

Tgt Ion:146 Resp: 6508
Ion Ratio Lower Upper
146 100
111 30.5 26.5 49.1
148 67.0 44.7 83.1

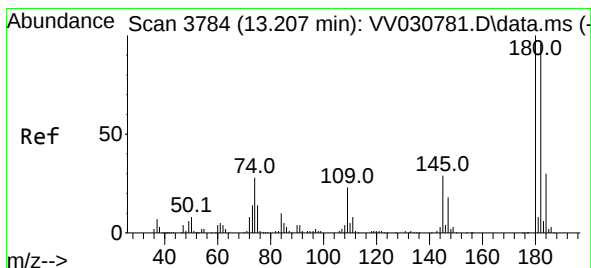
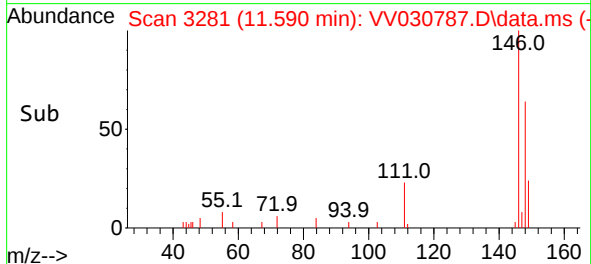
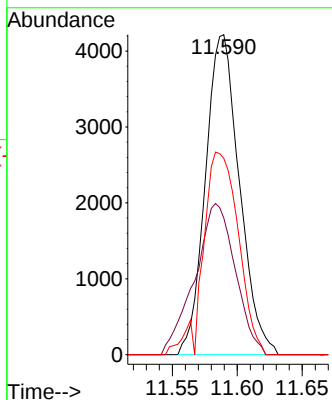
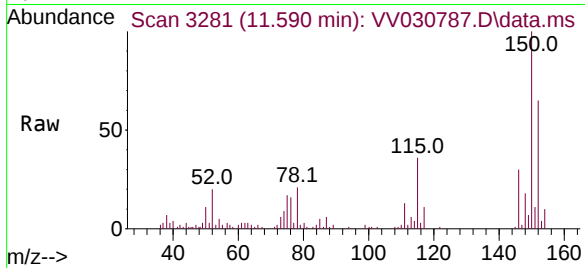




#67
1,2-Dichlorobenzene
Concen: 2.091 ug/L
RT: 11.590 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV030787.D
Acq: 24 Apr 2023 12:59

Instrument :
MSVOA_V
ClientSampleId :
COMQ4

Tgt Ion:146 Resp: 7675
Ion Ratio Lower Upper
146 100
111 42.7 32.0 48.0
148 61.3 50.6 76.0



#70
1,2,4-trichlorobenzene
Concen: 1.351 ug/L
RT: 13.210 min Scan# 3785
Delta R.T. 0.003 min
Lab File: VV030787.D
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Tgt Ion:180 Resp: 3152
Ion Ratio Lower Upper
180 100
182 95.8 75.9 113.9
145 26.8 23.4 35.2

