

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042324\
 Data File : VW035362.D
 Acq On : 23 Apr 2024 15:34
 Operator : SY/MD
 Sample : P2234-05
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0SB6

Quant Time: Apr 23 23:30:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 23 23:26:51 2024
 Response via : Initial Calibration

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

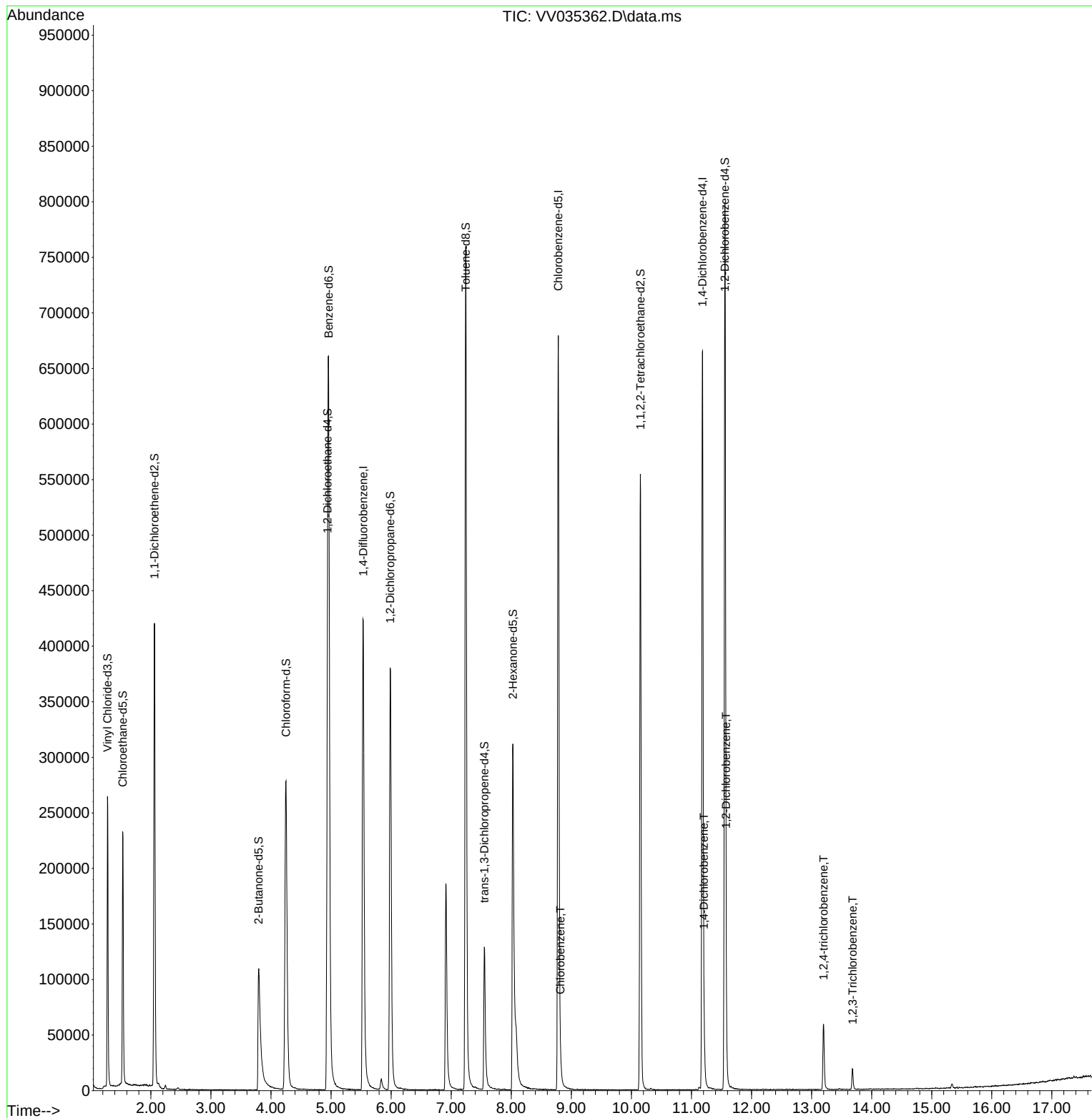
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	388611	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	390964	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	181466	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	173098	46.122	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	92.240%	
7) Chloroethane-d5	1.532	69	146281	44.875	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	89.740%	
11) 1,1-Dichloroethene-d2	2.060	65	72401	44.009	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	88.020%	
21) 2-Butanone-d5	3.796	46	197004	88.508	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	88.510%	
24) Chloroform-d	4.249	84	307360	48.710	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	97.420%	
26) 1,2-Dichloroethane-d4	4.941	65	193169	48.217	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	96.440%	
32) Benzene-d6	4.960	84	614613	46.800	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	93.600%	
36) 1,2-Dichloropropane-d6	5.986	67	197899	47.455	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	94.900%	
41) Toluene-d8	7.243	98	527486	44.600	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	89.200%	
43) trans-1,3-Dichloroprop...	7.551	79	81393	40.147	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	80.300%	
47) 2-Hexanone-d5	8.027	63	109727	69.593	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	69.590%	
56) 1,1,2,2-Tetrachloroeth...	10.149	84	269767	46.975	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	93.960%	
66) 1,2-Dichlorobenzene-d4	11.558	152	210878	51.758	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	103.520%	
Target Compounds						
					Qvalue	
51) Chlorobenzene	8.818	112	11032	1.275	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	15387	2.475	ug/L	97
67) 1,2-Dichlorobenzene	11.577	146	11962	1.964	ug/L	92
70) 1,2,4-trichlorobenzene	13.198	180	20289	5.013	ug/L	98
72) 1,2,3-Trichlorobenzene	13.683	180	6245	1.565	ug/L	99

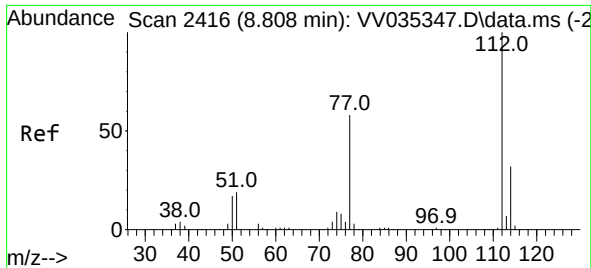
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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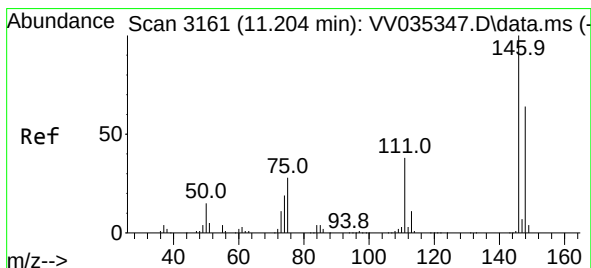
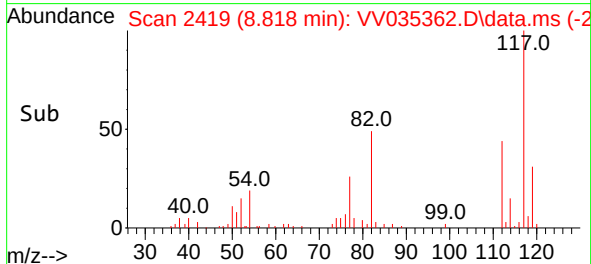
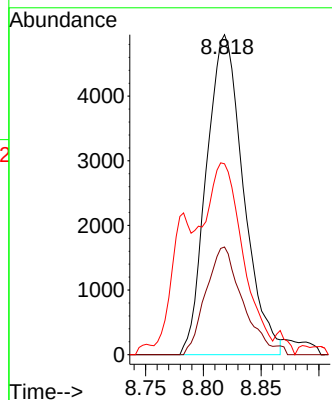
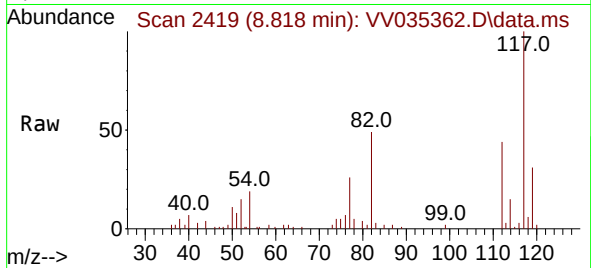




#51
Chlorobenzene
Concen: 1.275 ug/L
RT: 8.818 min Scan# 2416
Delta R.T. 0.010 min
Lab File: VV035362.D
Acq: 23 Apr 2024 15:34

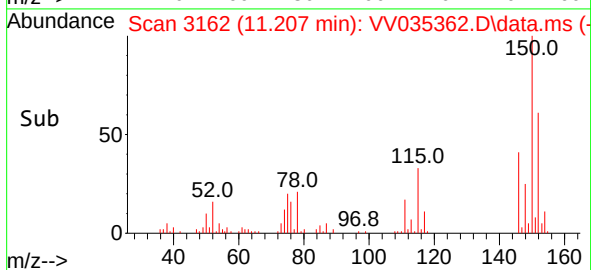
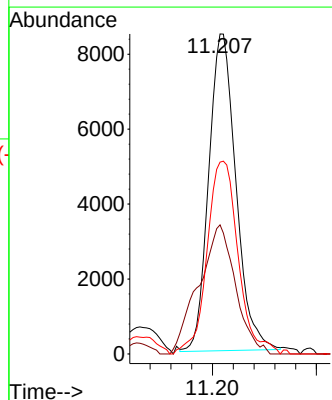
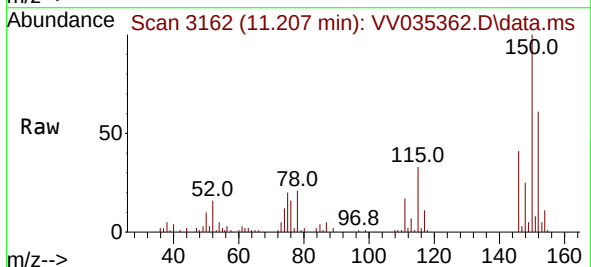
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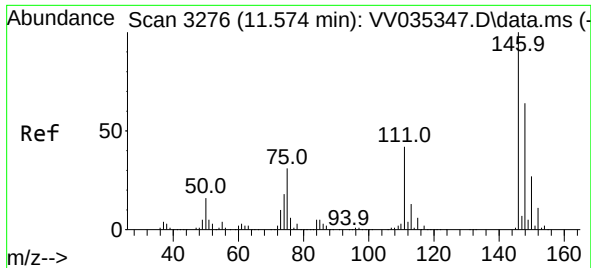
Tgt Ion:112 Resp: 11032
Ion Ratio Lower Upper
112 100
114 33.7 22.0 41.0
77 59.7 47.4 71.2



#65
1,4-Dichlorobenzene
Concen: 2.475 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. 0.003 min
Lab File: VV035362.D
Acq: 23 Apr 2024 15:34

Tgt Ion:146 Resp: 15387
Ion Ratio Lower Upper
146 100
111 40.3 27.4 50.8
148 60.0 44.2 82.2

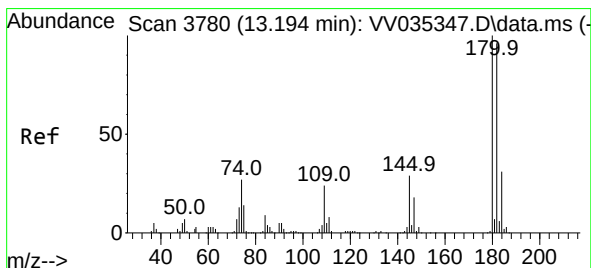
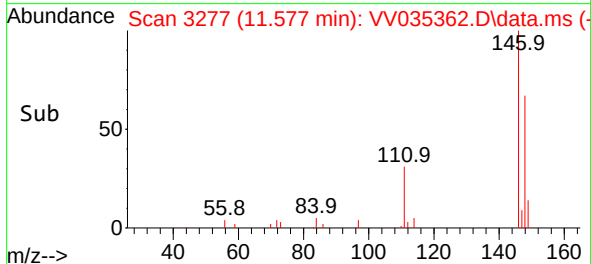
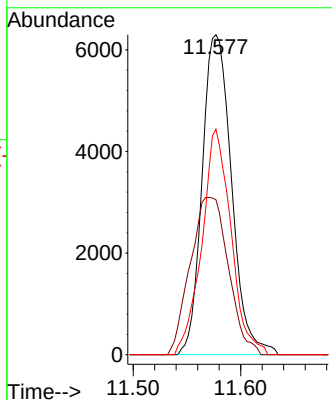
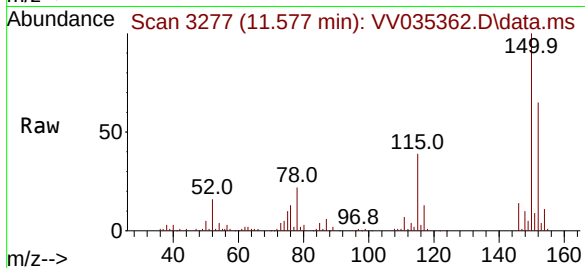




#67
1,2-Dichlorobenzene
Concen: 1.964 ug/L
RT: 11.577 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV035362.D
Acq: 23 Apr 2024 15:34

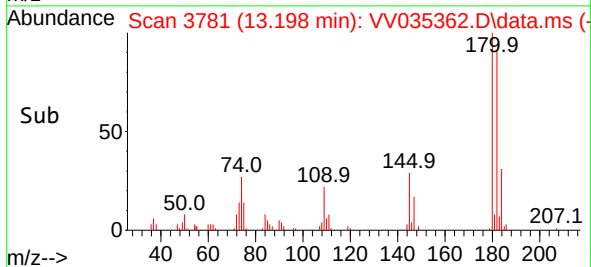
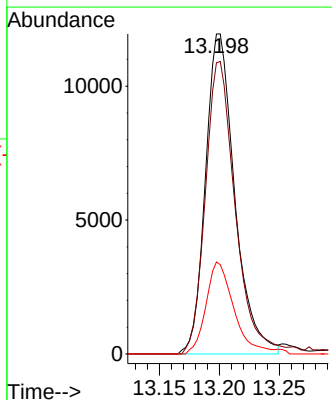
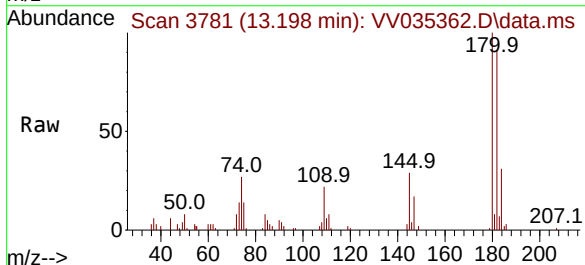
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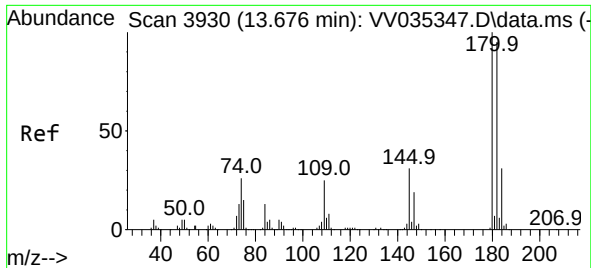
Tgt Ion:146 Resp: 11962
Ion Ratio Lower Upper
146 100
111 48.4 34.6 52.0
148 70.5 51.5 77.3



#70
1,2,4-trichlorobenzene
Concen: 5.013 ug/L
RT: 13.198 min Scan# 3781
Delta R.T. 0.003 min
Lab File: VV035362.D
Acq: 23 Apr 2024 15:34

Tgt Ion:180 Resp: 20289
Ion Ratio Lower Upper
180 100
182 93.1 75.6 113.4
145 27.2 24.1 36.1





#72
 1,2,3-Trichlorobenzene
 Concen: 1.565 ug/L
 RT: 13.683 min Scan# 3932
 Delta R.T. 0.007 min
 Lab File: VV035362.D
 Acq: 23 Apr 2024 15:34

Instrument :
 MSVOA_V
 ClientSampleId :
 C0SB6

Tgt Ion:180 Resp: 6245
 Ion Ratio Lower Upper
 180 100
 182 94.4 76.2 114.2
 145 33.1 25.8 38.6

