

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042324\
 Data File : VV035359.D
 Acq On : 23 Apr 2024 14:24
 Operator : SY/MD
 Sample : VIBLK281
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK281

Quant Time: Apr 23 23:29:25 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

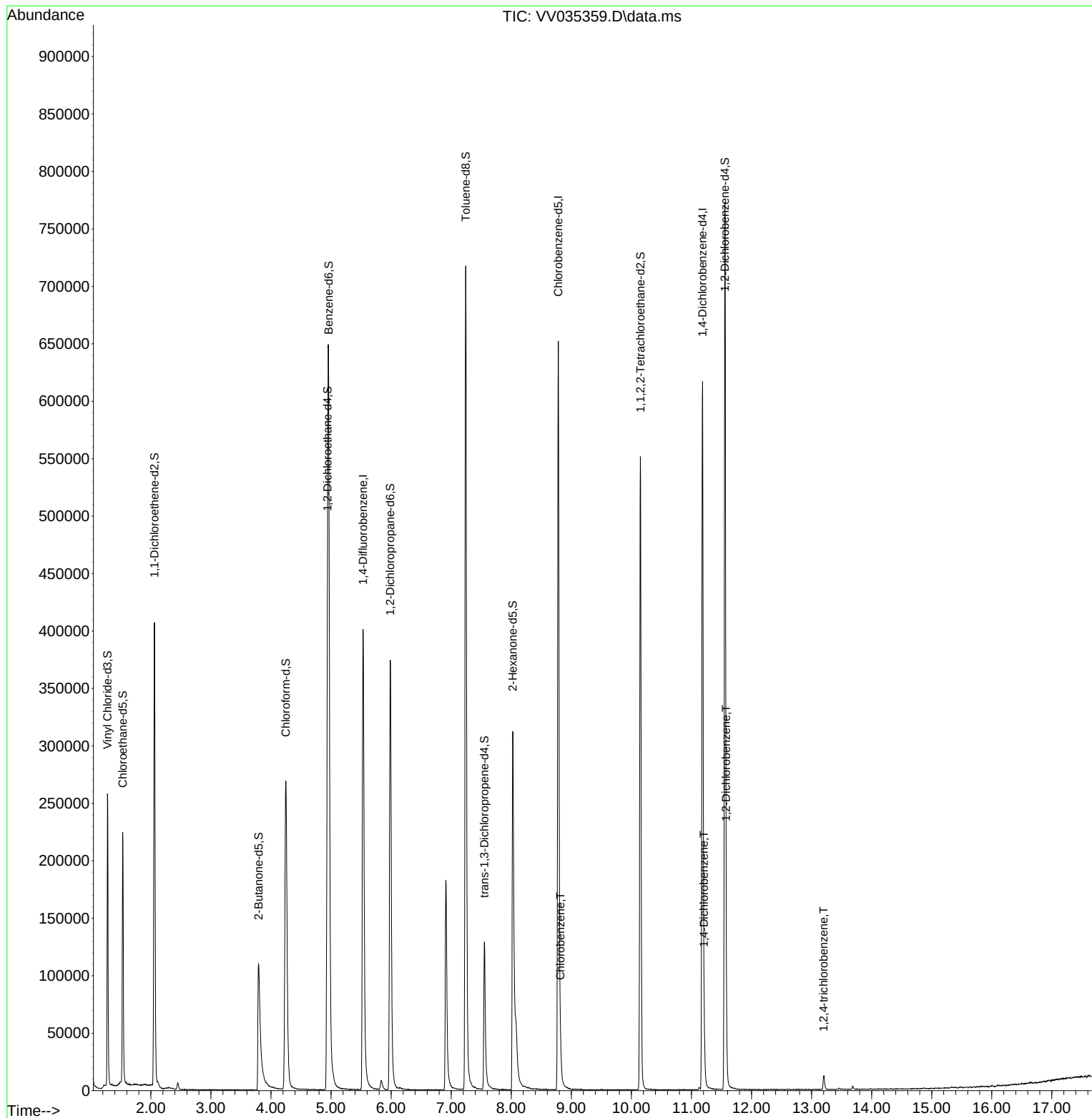
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	359209	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	368914	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	168149	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	166342	47.950	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	95.900%	
7) Chloroethane-d5	1.532	69	138540	45.979	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	91.960%	
11) 1,1-Dichloroethene-d2	2.060	65	69468	45.682	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	91.360%	
21) 2-Butanone-d5	3.793	46	199657	97.042	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	97.040%	
24) Chloroform-d	4.246	84	300216	51.472	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	102.940%	
26) 1,2-Dichloroethane-d4	4.940	65	193573	52.273	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	104.540%	
32) Benzene-d6	4.960	84	595341	48.042	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	96.080%	
36) 1,2-Dichloropropane-d6	5.985	67	194849	49.516	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	99.040%	
41) Toluene-d8	7.243	98	504973	45.248	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	90.500%	
43) trans-1,3-Dichloroprop...	7.551	79	81047	42.366	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	84.740%	
47) 2-Hexanone-d5	8.024	63	108784	73.118	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	73.120%	
56) 1,1,2,2-Tetrachloroeth...	10.149	84	274509	50.658	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	101.320%	
66) 1,2-Dichlorobenzene-d4	11.558	152	200938	53.224	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	106.440%	
Target Compounds						
51) Chlorobenzene	8.818	112	21087	2.583	ug/L	96
65) 1,4-Dichlorobenzene	11.210	146	18497	3.211	ug/L	97
67) 1,2-Dichlorobenzene	11.577	146	14304	2.535	ug/L	96
70) 1,2,4-trichlorobenzene	13.201	180	4689	1.250	ug/L	93

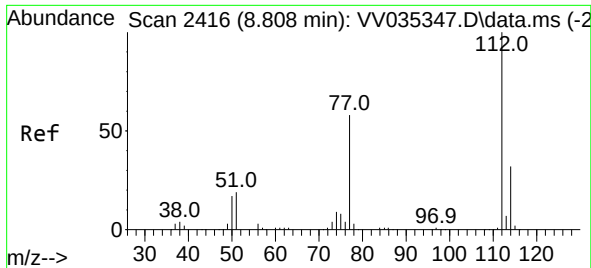
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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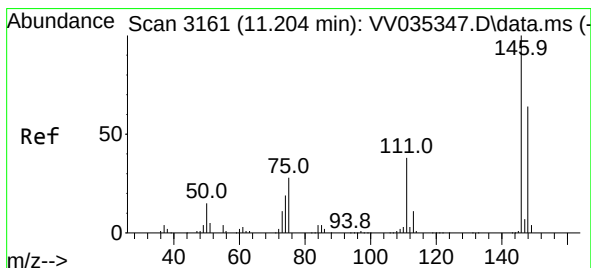
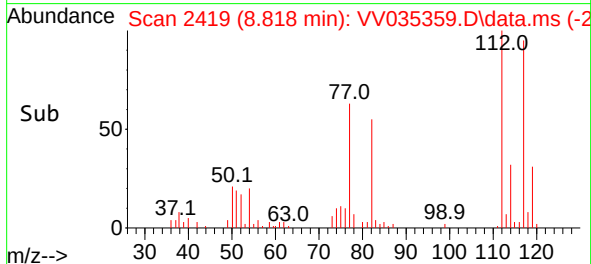
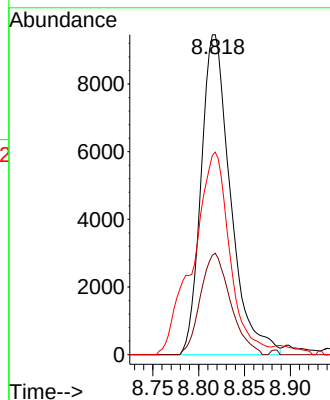
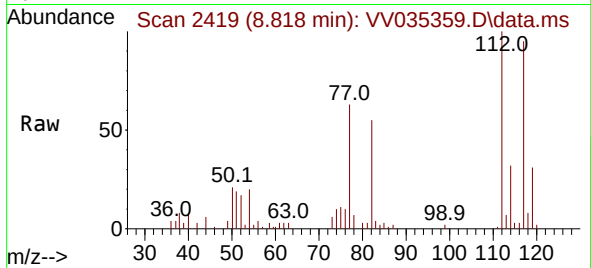




#51
Chlorobenzene
Concen: 2.583 ug/L
RT: 8.818 min Scan# 2416
Delta R.T. 0.010 min
Lab File: VV035359.D
Acq: 23 Apr 2024 14:24

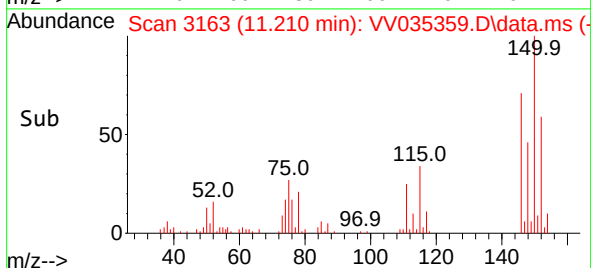
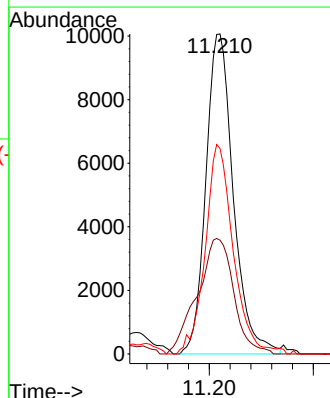
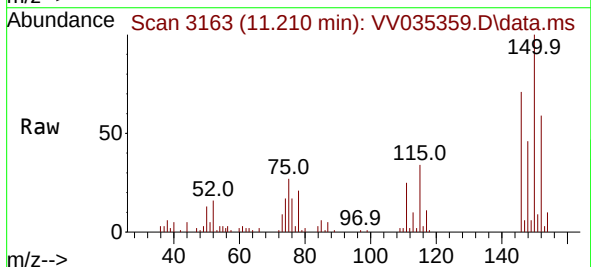
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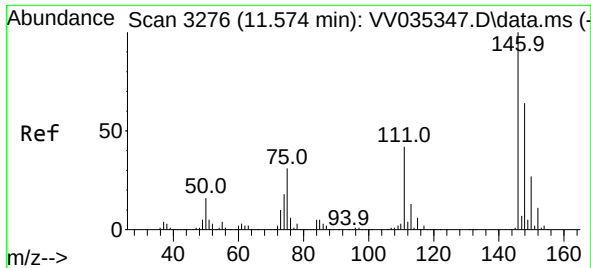
Tgt Ion:112 Resp: 21087
Ion Ratio Lower Upper
112 100
114 31.7 22.0 41.0
77 63.3 47.4 71.2



#65
1,4-Dichlorobenzene
Concen: 3.211 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. 0.006 min
Lab File: VV035359.D
Acq: 23 Apr 2024 14:24

Tgt Ion:146 Resp: 18497
Ion Ratio Lower Upper
146 100
111 35.5 27.4 50.8
148 64.2 44.2 82.2

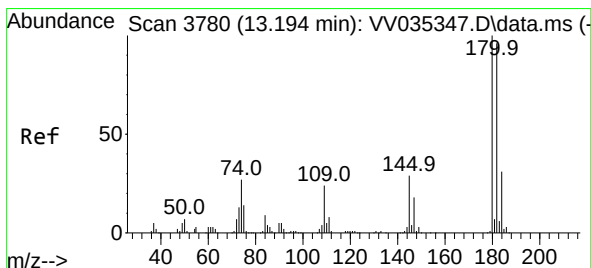
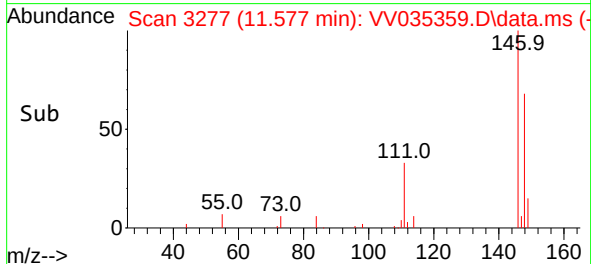
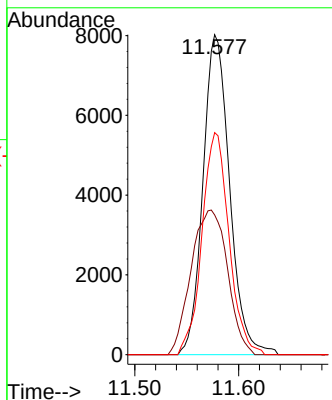
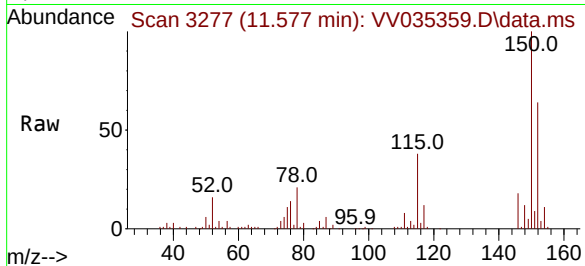




#67
1,2-Dichlorobenzene
Concen: 2.535 ug/L
RT: 11.577 min Scan# 31
Delta R.T. 0.003 min
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Tgt Ion:146 Resp: 14304
Ion Ratio Lower Upper
146 100
111 43.7 34.6 52.0
148 69.4 51.5 77.3



#70
1,2,4-trichlorobenzene
Concen: 1.250 ug/L
RT: 13.201 min Scan# 3782
Delta R.T. 0.006 min
Lab File: VV035359.D
Acq: 23 Apr 2024 14:24

Tgt Ion:180 Resp: 4689
Ion Ratio Lower Upper
180 100
182 102.0 75.6 113.4
145 32.0 24.1 36.1

