

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042324\
 Data File : VW035364.D
 Acq On : 23 Apr 2024 16:43
 Operator : SY/MD
 Sample : P2182-05 100X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MC0R94

Quant Time: Apr 23 23:30:33 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)

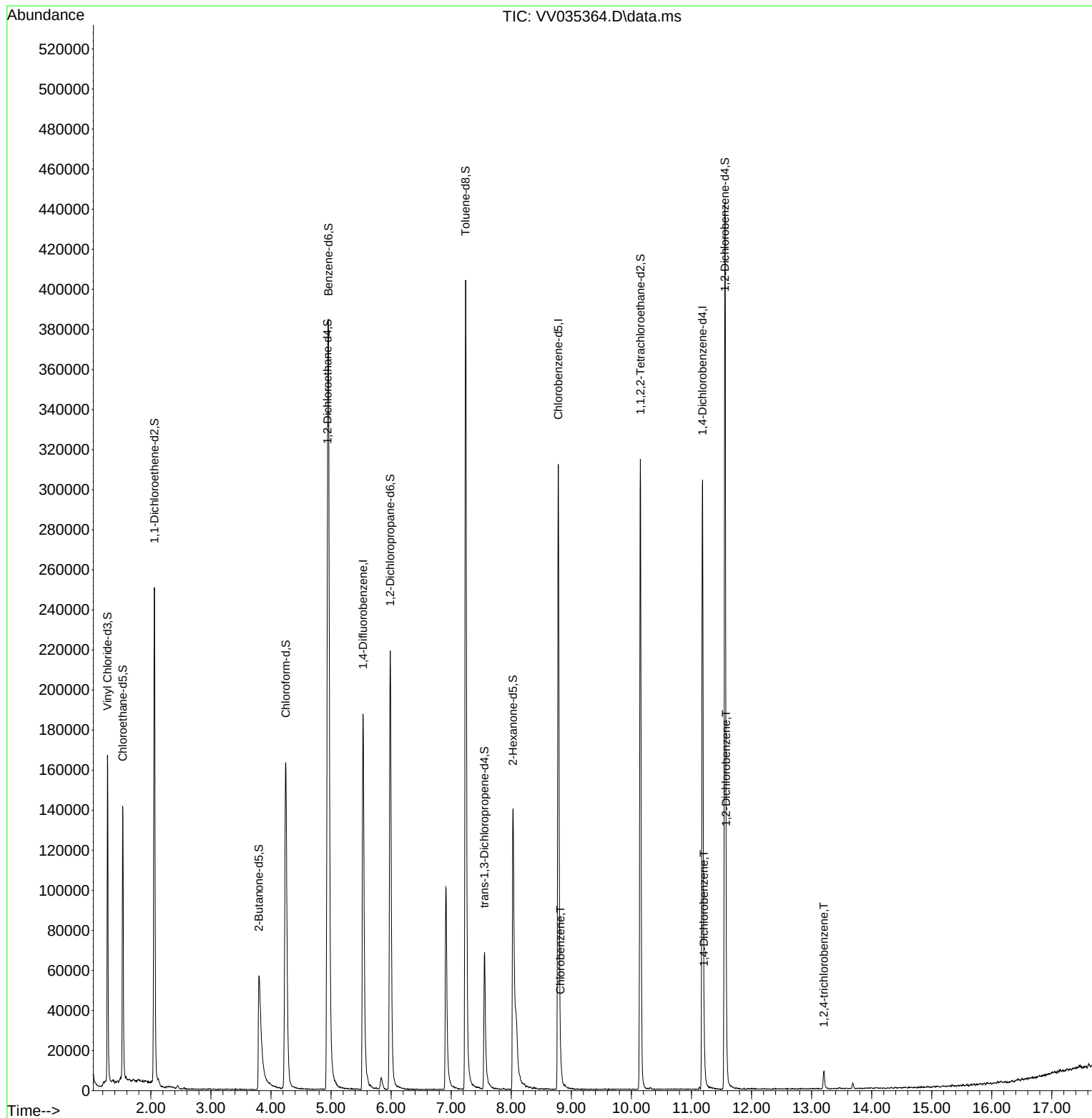
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	175688	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	184745	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	85427	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	107356	63.273	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 126.540%			
7) Chloroethane-d5	1.532	69	88599	60.120	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 120.240%			
11) 1,1-Dichloroethene-d2	2.060	65	43589	58.607	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 117.220%			
21) 2-Butanone-d5	3.799	46	103371	102.725	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery = 102.730%			
24) Chloroform-d	4.246	84	181795	63.727	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 127.460%#			
26) 1,2-Dichloroethane-d4	4.941	65	113453	62.640	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 125.280%#			
32) Benzene-d6	4.957	84	354310	57.095	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 114.180%			
36) 1,2-Dichloropropane-d6	5.986	67	115363	58.542	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 117.080%			
41) Toluene-d8	7.240	98	293394	52.497	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 105.000%			
43) trans-1,3-Dichloroprop...	7.555	79	46746	48.795	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 97.600%			
47) 2-Hexanone-d5	8.027	63	48685	65.344	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 65.340%			
56) 1,1,2,2-Tetrachloroeth...	10.149	84	155458	57.287	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 114.580%			
66) 1,2-Dichlorobenzene-d4	11.558	152	118121	61.585	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 123.160%#			
Target Compounds						
51) Chlorobenzene	8.818	112	4222	1.033	ug/L	92
65) 1,4-Dichlorobenzene	11.211	146	4838	1.653	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	3682	1.284	ug/L #	88
70) 1,2,4-trichlorobenzene	13.204	180	3565	1.871	ug/L	98

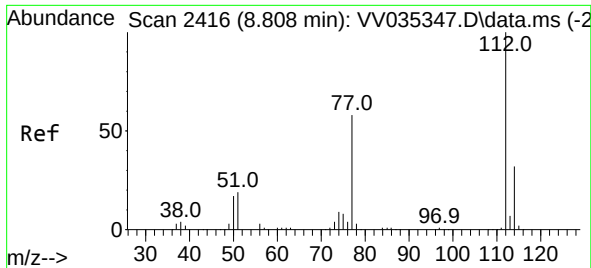
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Apr 23 23:26:51 2024
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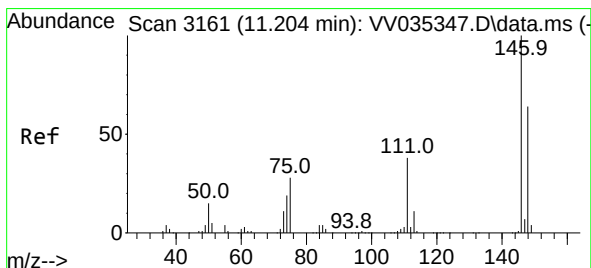
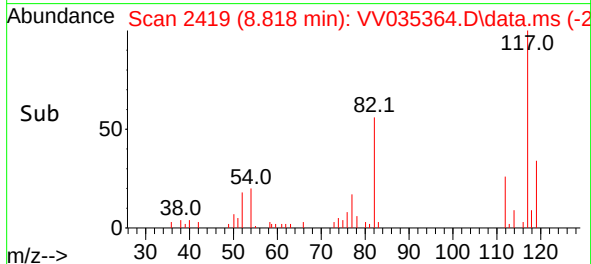
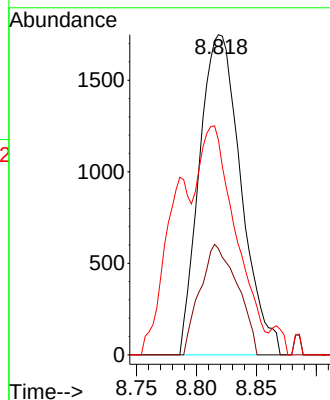
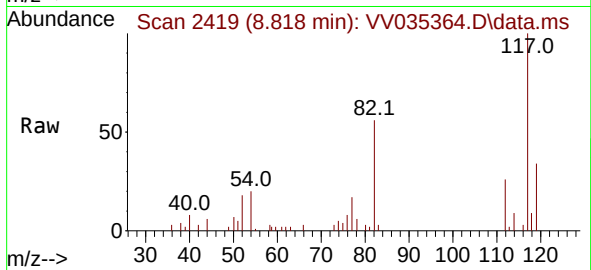




#51
Chlorobenzene
Concen: 1.033 ug/L
RT: 8.818 min Scan# 2416
Delta R.T. 0.010 min
Lab File: VV035364.D
Acq: 23 Apr 2024 16:43

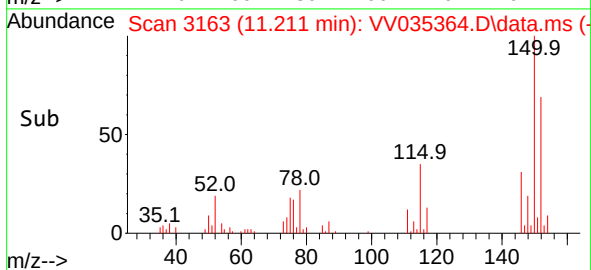
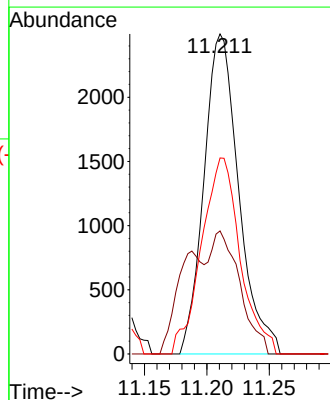
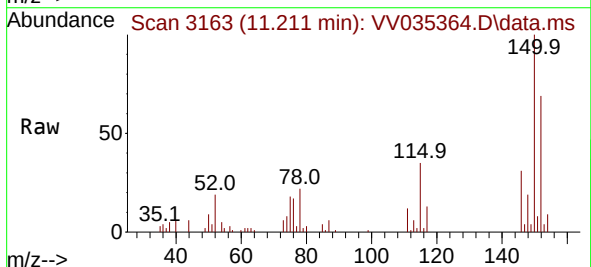
Instrument :
MSVOA_V
ClientSampleId :
MC0R94

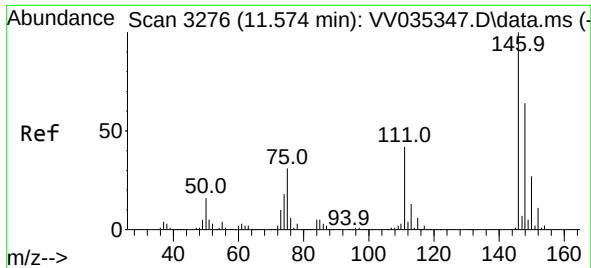
Tgt Ion:112 Resp: 4222
Ion Ratio Lower Upper
112 100
114 33.1 22.0 41.0
77 67.1 47.4 71.2



#65
1,4-Dichlorobenzene
Concen: 1.653 ug/L
RT: 11.211 min Scan# 3163
Delta R.T. 0.007 min
Lab File: VV035364.D
Acq: 23 Apr 2024 16:43

Tgt Ion:146 Resp: 4838
Ion Ratio Lower Upper
146 100
111 38.5 27.4 50.8
148 61.3 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 1.284 ug/L

RT: 11.577 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV035364.D

Acq: 23 Apr 2024 16:43

Instrument :

MSVOA_V

ClientSampleId :

MC0R94

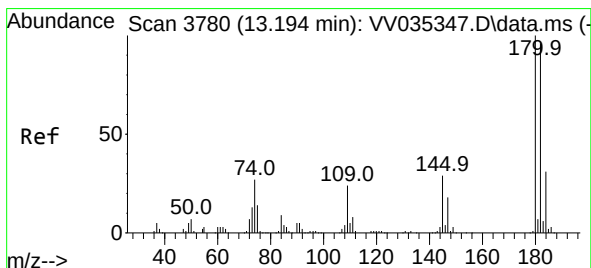
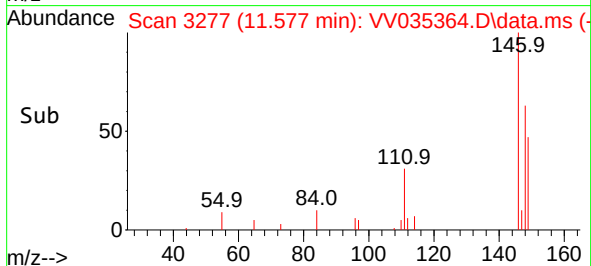
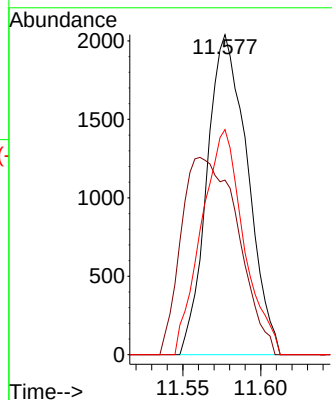
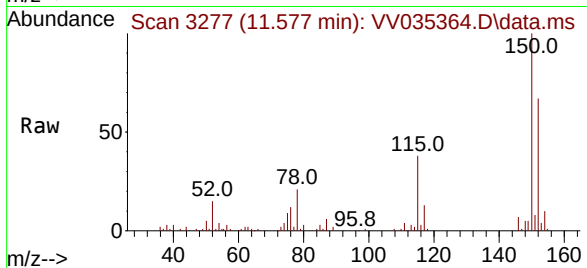
Tgt Ion:146 Resp: 3682

Ion Ratio Lower Upper

146 100

111 54.6 34.6 52.0#

148 70.3 51.5 77.3



#70

1,2,4-trichlorobenzene

Concen: 1.871 ug/L

RT: 13.204 min Scan# 3783

Delta R.T. 0.010 min

Lab File: VV035364.D

Acq: 23 Apr 2024 16:43

Tgt Ion:180 Resp: 3565

Ion Ratio Lower Upper

180 100

182 96.4 75.6 113.4

145 29.1 24.1 36.1

