

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041924\
 Data File : VW035312.D
 Acq On : 19 Apr 2024 16:51
 Operator : SY/MD
 Sample : P2157-20
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MC0RC1

Quant Time: Apr 19 22:32:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 19 22:28:16 2024
 Response via : Initial Calibration

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

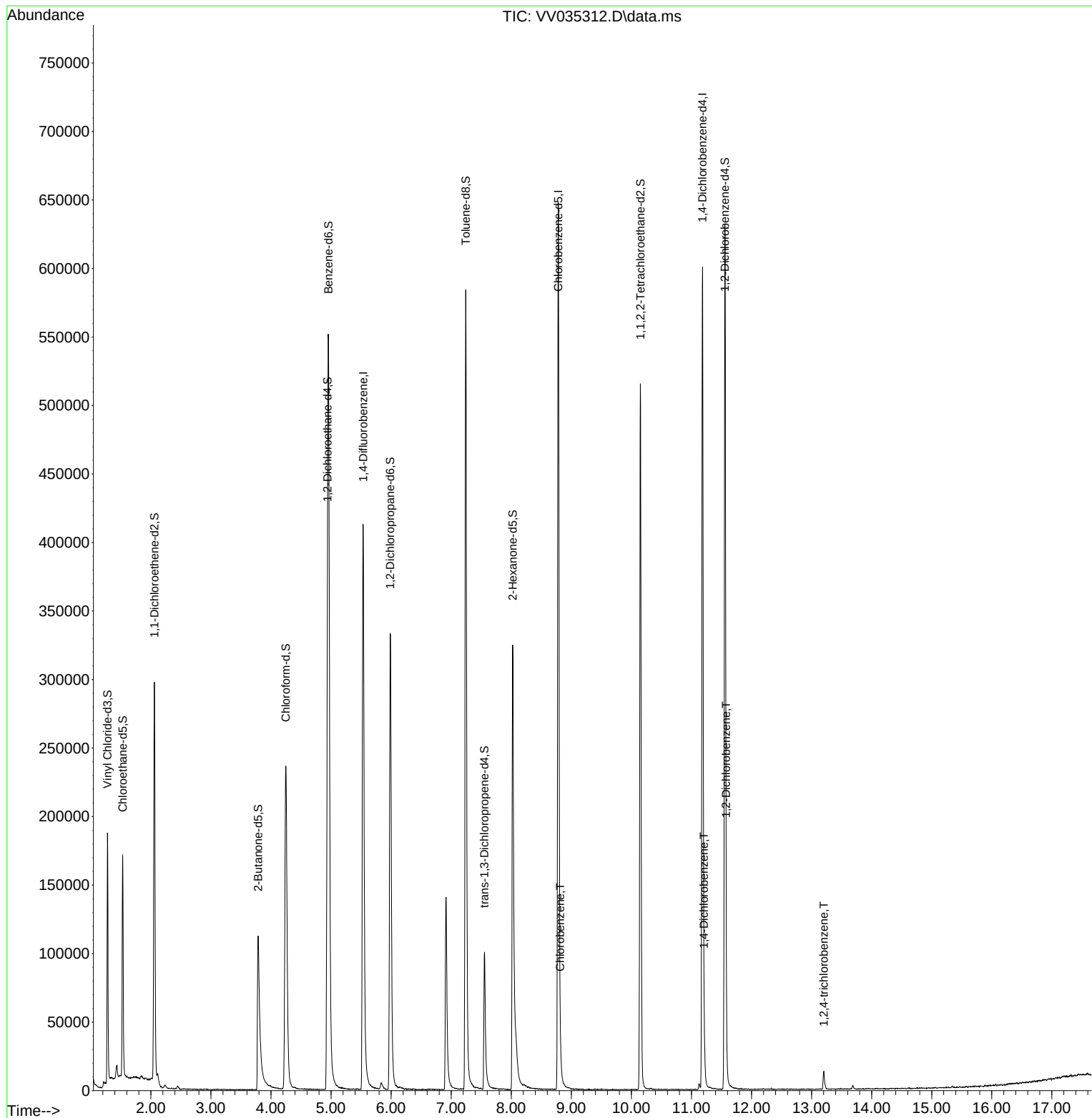
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	368211	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	367813	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	161102	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	118129	33.220	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	66.440%		
7) Chloroethane-d5	1.532	69	106708	34.549	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	69.100%#		
11) 1,1-Dichloroethene-d2	2.060	65	50614	32.470	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	64.940%		
21) 2-Butanone-d5	3.786	46	190200	90.185	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	90.190%		
24) Chloroform-d	4.246	84	260851	43.629	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.260%		
26) 1,2-Dichloroethane-d4	4.941	65	170473	44.910	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.820%		
32) Benzene-d6	4.957	84	499386	40.420	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	80.840%		
36) 1,2-Dichloropropane-d6	5.986	67	171698	43.763	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	87.520%		
41) Toluene-d8	7.243	98	407359	36.611	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	73.220%#		
43) trans-1,3-Dichloroprop...	7.555	79	64641	33.891	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	67.780%		
47) 2-Hexanone-d5	8.024	63	110603	74.563	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	74.560%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	252434	46.724	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	93.440%		
66) 1,2-Dichlorobenzene-d4	11.558	152	167089	46.194	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.380%		
Target Compounds						Qvalue
51) Chlorobenzene	8.815	112	9461	1.163	ug/L	97
65) 1,4-Dichlorobenzene	11.210	146	10727	1.944	ug/L	96
67) 1,2-Dichlorobenzene	11.577	146	7625	1.410	ug/L	91
70) 1,2,4-trichlorobenzene	13.204	180	4642	1.292	ug/L	98

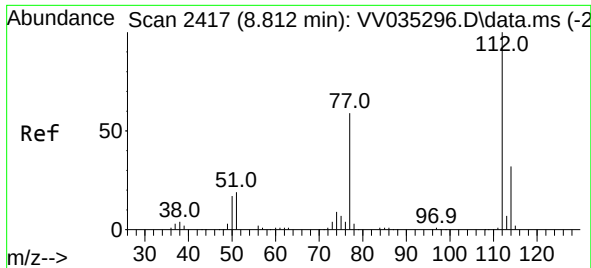
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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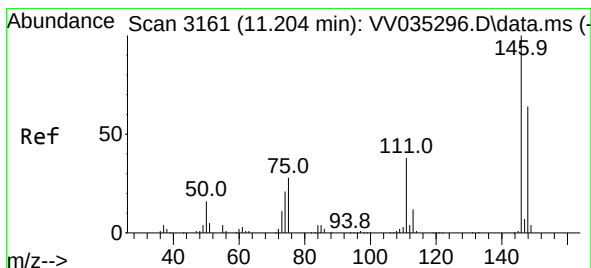
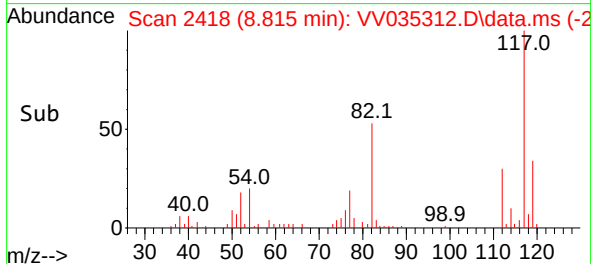
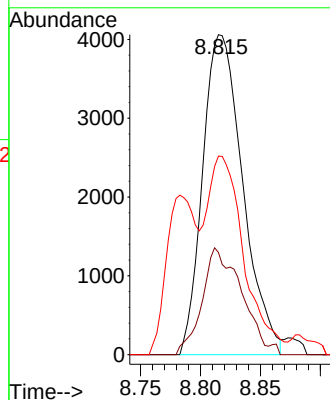
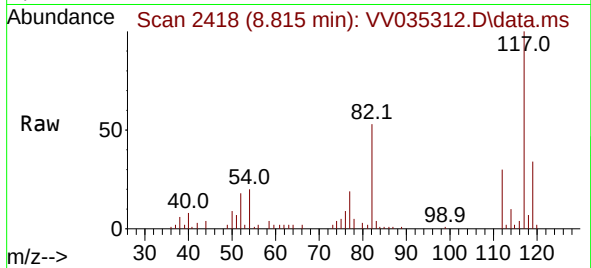




#51
Chlorobenzene
Concen: 1.163 ug/L
RT: 8.815 min Scan# 2417
Delta R.T. 0.003 min
Lab File: VV035312.D
Acq: 19 Apr 2024 16:51

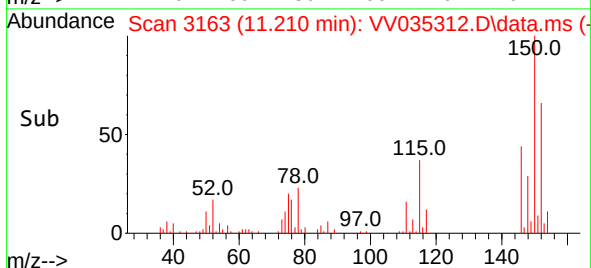
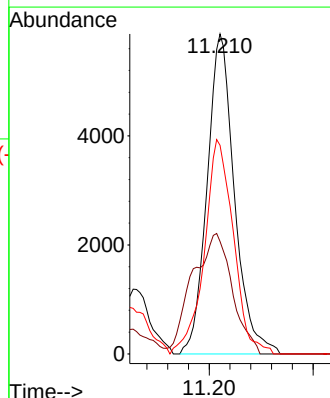
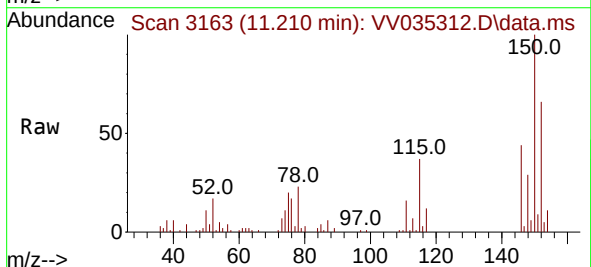
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MSVOA_V
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MC0RC1

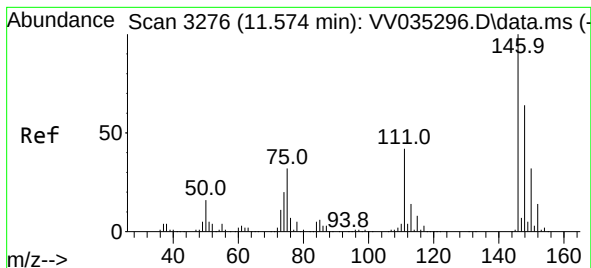
Tgt Ion:112 Resp: 9461
Ion Ratio Lower Upper
112 100
114 32.0 22.0 41.0
77 62.1 47.4 71.2



#65
1,4-Dichlorobenzene
Concen: 1.944 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. 0.007 min
Lab File: VV035312.D
Acq: 19 Apr 2024 16:51

Tgt Ion:146 Resp: 10727
Ion Ratio Lower Upper
146 100
111 35.1 27.4 50.8
148 65.2 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 1.410 ug/L

RT: 11.577 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV035312.D

Acq: 19 Apr 2024 16:51

Instrument :

MSVOA_V

ClientSampleId :

MC0RC1

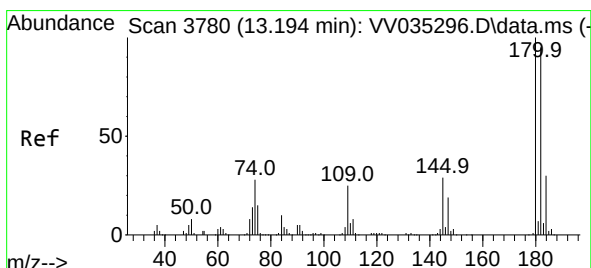
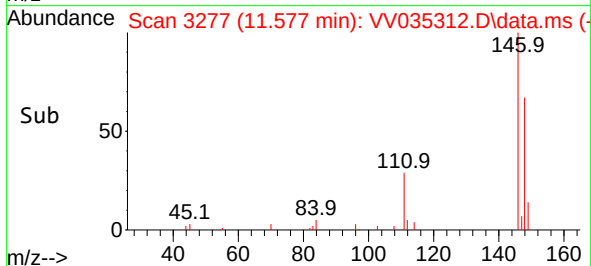
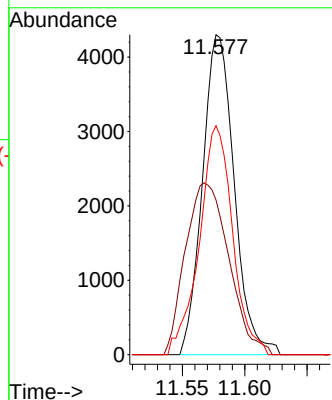
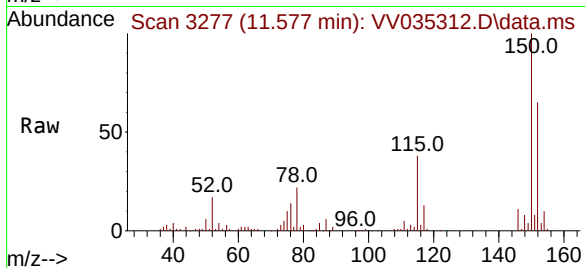
Tgt Ion:146 Resp: 7625

Ion Ratio Lower Upper

146 100

111 48.3 34.6 52.0

148 71.6 51.5 77.3



#70

1,2,4-trichlorobenzene

Concen: 1.292 ug/L

RT: 13.204 min Scan# 3783

Delta R.T. 0.010 min

Lab File: VV035312.D

Acq: 19 Apr 2024 16:51

Tgt Ion:180 Resp: 4642

Ion Ratio Lower Upper

180 100

182 94.1 75.6 113.4

145 27.3 24.1 36.1

