

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042324\
 Data File : VW035369.D
 Acq On : 23 Apr 2024 18:38
 Operator : SY/MD
 Sample : P2158-04DL2 200X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MC0RD0DL2

Quant Time: Apr 23 23:31:45 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)

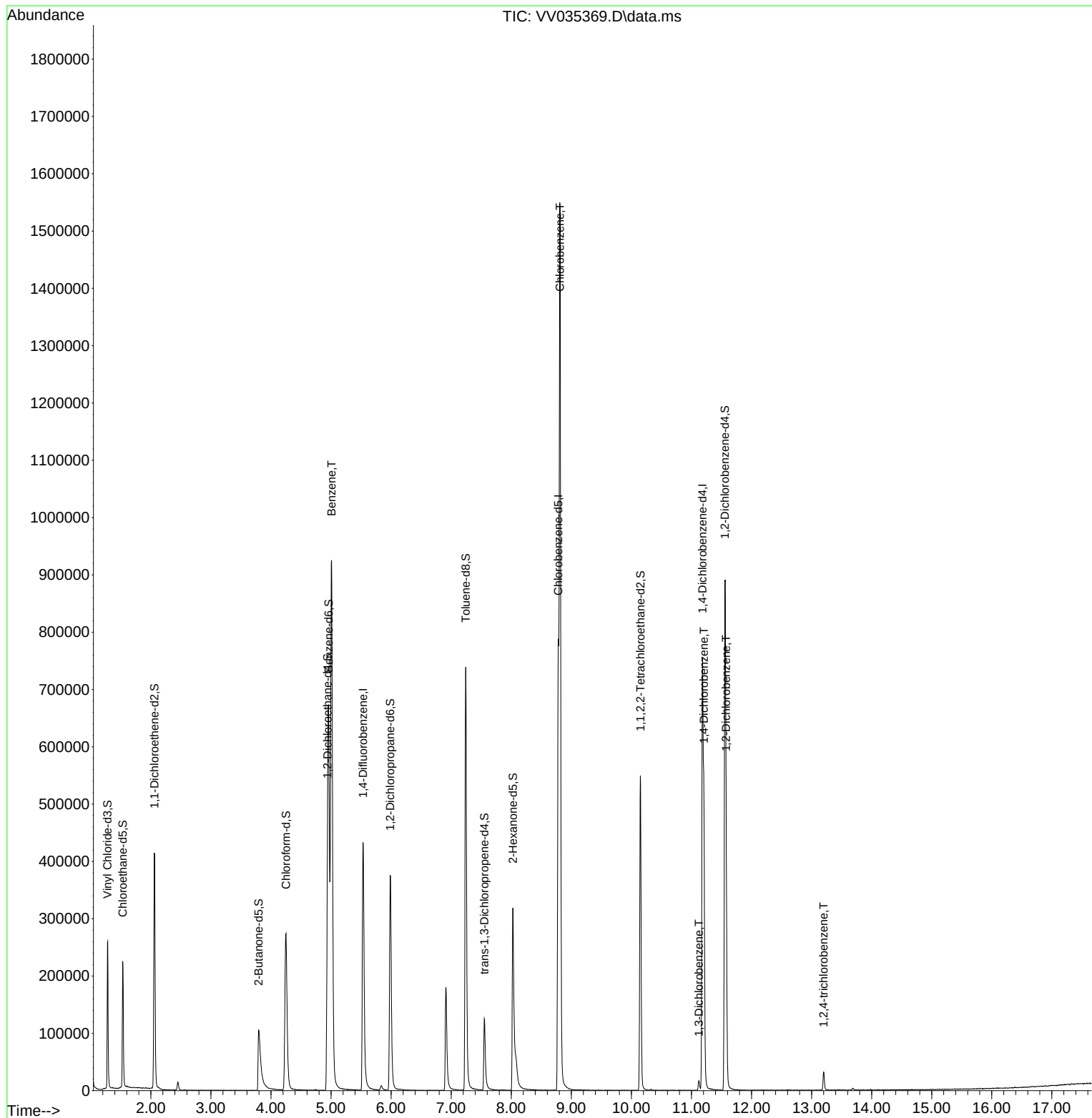
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	395319	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	398358	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	187529	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	170271	44.599	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	89.200%	
7) Chloroethane-d5	1.532	69	142098	42.852	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	85.700%	
11) 1,1-Dichloroethene-d2	2.060	65	71395	42.661	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	85.320%	
21) 2-Butanone-d5	3.796	46	197208	87.096	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	87.100%	
24) Chloroform-d	4.249	84	306092	47.686	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	95.380%	
26) 1,2-Dichloroethane-d4	4.940	65	192258	47.176	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	94.360%	
32) Benzene-d6	4.960	84	605454	45.247	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	90.500%	
36) 1,2-Dichloropropane-d6	5.985	67	195051	45.904	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	91.800%	
41) Toluene-d8	7.243	98	515938	42.814	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	85.620%	
43) trans-1,3-Dichloroprop...	7.551	79	82869	40.117	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	80.240%	
47) 2-Hexanone-d5	8.027	63	109806	68.350	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	68.350%	
56) 1,1,2,2-Tetrachloroeth...	10.149	84	272220	46.522	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	93.040%	
66) 1,2-Dichlorobenzene-d4	11.558	152	216627	51.450	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	102.900%	
Target Compounds						
					Qvalue	
33) Benzene	5.008	78	989408	76.168	ug/L	100
51) Chlorobenzene	8.812	112	846391	96.026	ug/L	98
64) 1,3-Dichlorobenzene	11.123	146	7595	1.202	ug/L	95
65) 1,4-Dichlorobenzene	11.207	146	203252	31.636	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	147838	23.490	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	11234	2.686	ug/L	97

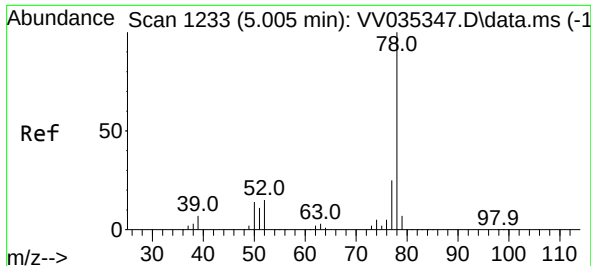
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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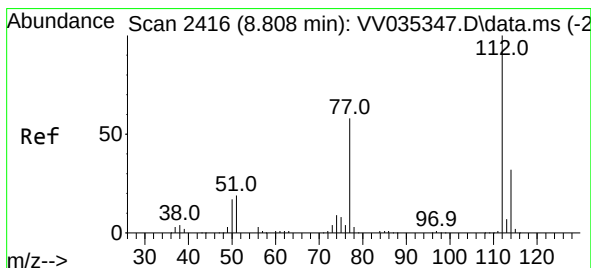
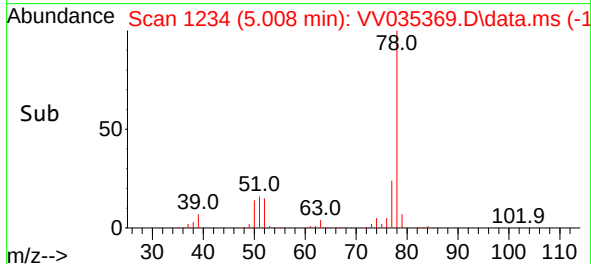
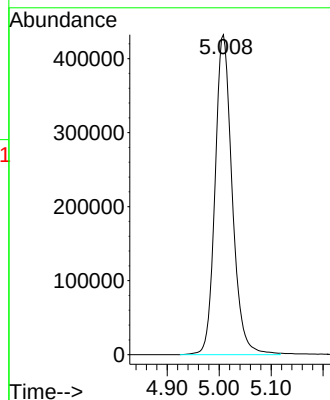
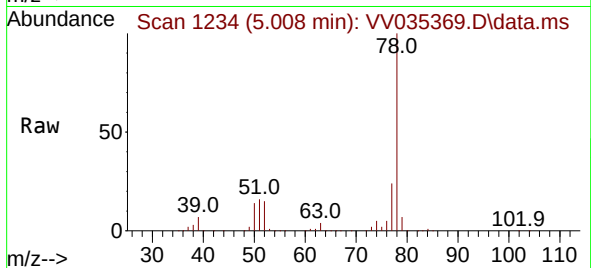




#33
Benzene
Concen: 76.168 ug/L
RT: 5.008 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV035369.D
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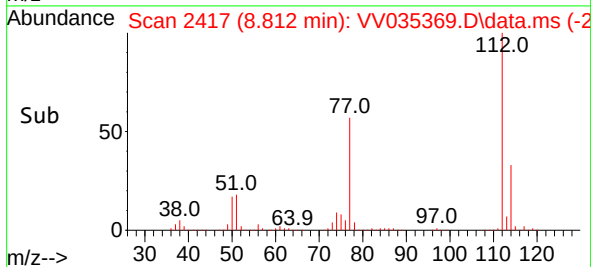
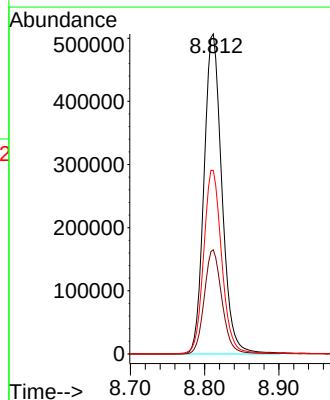
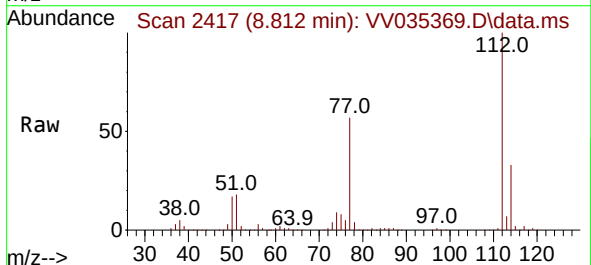
Instrument :
MSVOA_V
ClientSampleId :
MC0RD0DL2

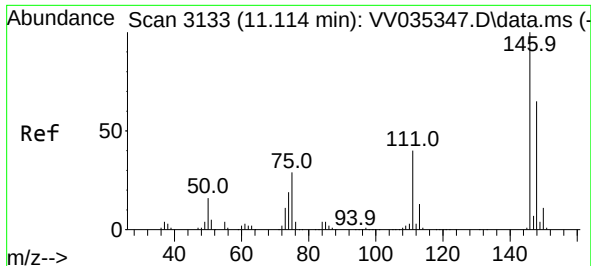
Tgt Ion: 78 Resp: 989408



#51
Chlorobenzene
Concen: 96.026 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.003 min
Lab File: VV035369.D
Acq: 23 Apr 2024 18:38

Tgt Ion: 112 Resp: 846391
Ion Ratio Lower Upper
112 100
114 32.5 22.0 41.0
77 57.4 47.4 71.2

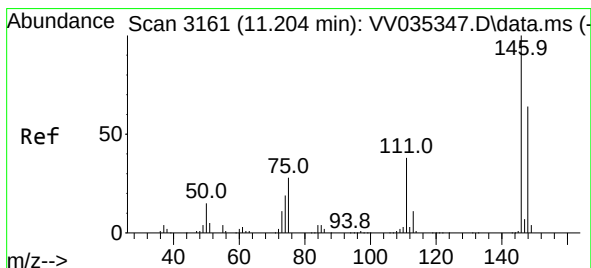
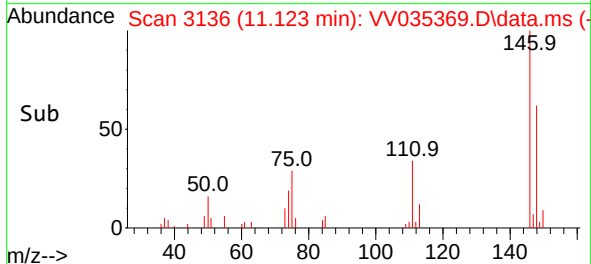
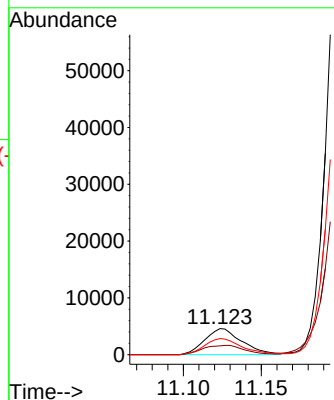
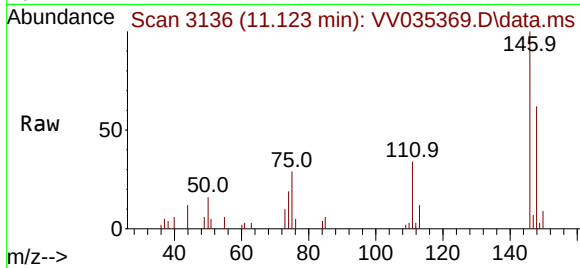




#64
1,3-Dichlorobenzene
Concen: 1.202 ug/L
RT: 11.123 min Scan# 3133
Delta R.T. 0.010 min
Lab File: VV035369.D
Acq: 23 Apr 2024 18:38

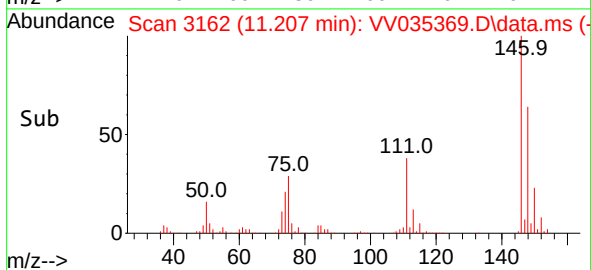
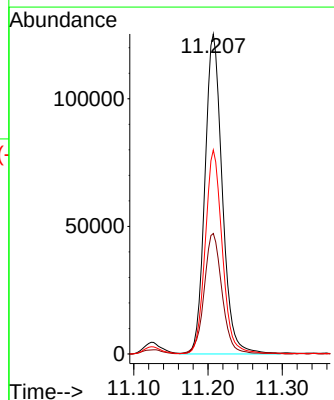
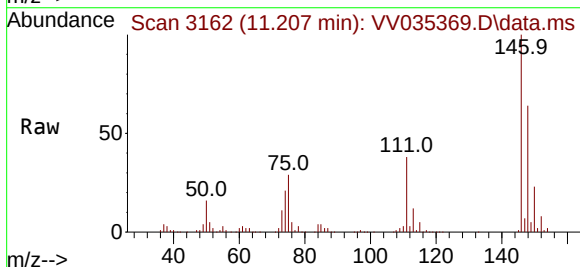
Instrument :
MSVOA_V
ClientSampleId :
MC0RD0DL2

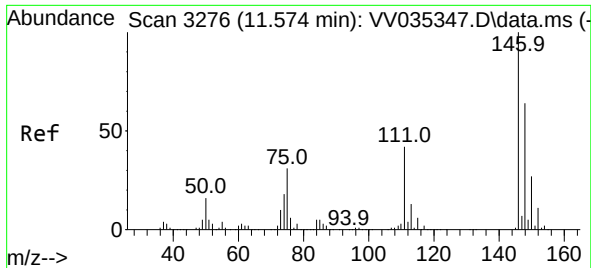
Tgt Ion:146 Resp: 7595
Ion Ratio Lower Upper
146 100
111 33.9 28.7 53.3
148 61.9 44.0 81.8



#65
1,4-Dichlorobenzene
Concen: 31.636 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. 0.003 min
Lab File: VV035369.D
Acq: 23 Apr 2024 18:38

Tgt Ion:146 Resp: 203252
Ion Ratio Lower Upper
146 100
111 37.7 27.4 50.8
148 63.7 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 23.490 ug/L

RT: 11.577 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV035369.D

Acq: 23 Apr 2024 18:38

Instrument :

MSVOA_V

ClientSampleId :

MC0RD0DL2

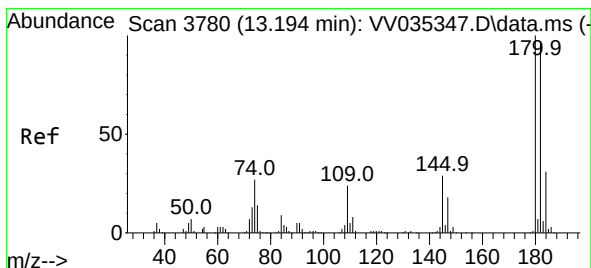
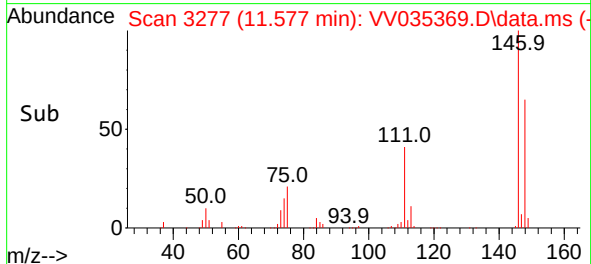
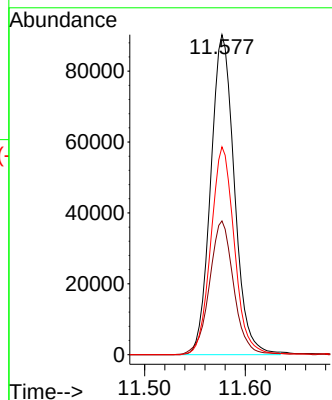
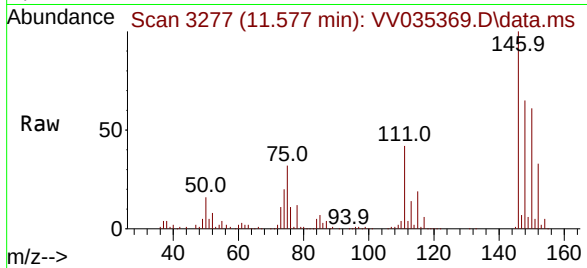
Tgt Ion:146 Resp: 147838

Ion Ratio Lower Upper

146 100

111 41.8 34.6 52.0

148 65.0 51.5 77.3



#70

1,2,4-trichlorobenzene

Concen: 2.686 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.006 min

Lab File: VV035369.D

Acq: 23 Apr 2024 18:38

Tgt Ion:180 Resp: 11234

Ion Ratio Lower Upper

180 100

182 96.8 75.6 113.4

145 27.7 24.1 36.1

