

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040924\
 Data File : VV035086.D
 Acq On : 09 Apr 2024 16:39
 Operator : SY/MD
 Sample : P2006-10DL 500X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 10 04:58:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 10 04:53:36 2024
 Response via : Initial Calibration

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

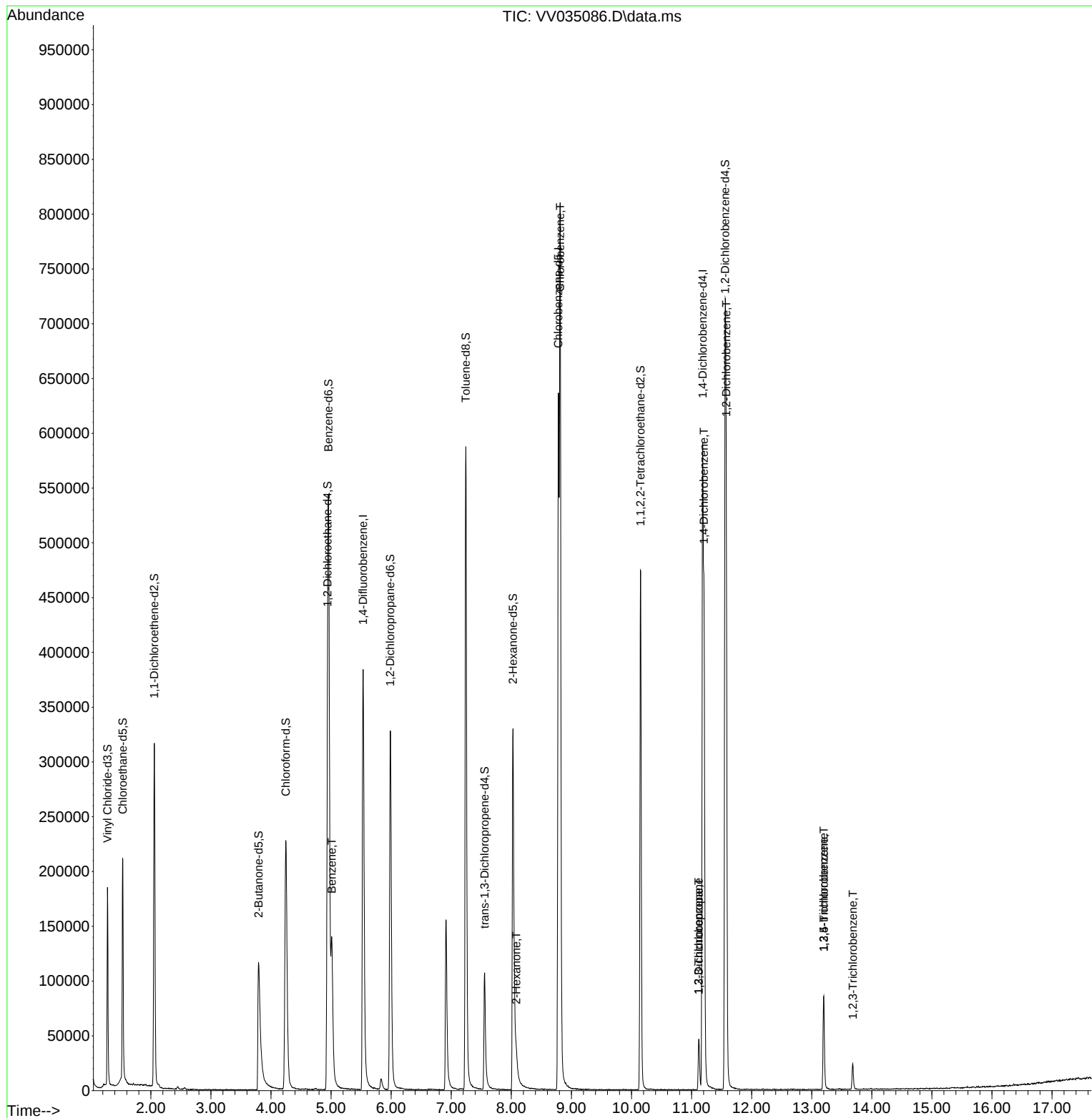
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	328226	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	317289	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	139190	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	116047	36.610	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	73.220%		
7) Chloroethane-d5	1.532	69	129893	47.178	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	94.360%		
11) 1,1-Dichloroethene-d2	2.056	65	54852	39.476	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	78.960%		
21) 2-Butanone-d5	3.793	46	203891	108.454	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	108.450%		
24) Chloroform-d	4.246	84	245553	46.074	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.140%		
26) 1,2-Dichloroethane-d4	4.941	65	165411	48.885	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.760%		
32) Benzene-d6	4.957	84	478411	44.888	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.780%		
36) 1,2-Dichloropropane-d6	5.985	67	163174	48.214	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	96.420%		
41) Toluene-d8	7.243	98	397892	41.454	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	82.900%		
43) trans-1,3-Dichloroprop...	7.555	79	67025	40.737	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	81.480%		
47) 2-Hexanone-d5	8.027	63	113156	88.432	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	88.430%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	230453	49.447	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	98.900%		
66) 1,2-Dichlorobenzene-d4	11.558	152	151834	48.585	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.160%		
Target Compounds					Qvalue	
33) Benzene	5.011	78	144048	13.923	ug/L	100
48) 2-Hexanone	8.085	43	17320	5.578	ug/L #	75
51) Chlorobenzene	8.812	112	418790	59.653	ug/L	99
61) 1,2,3-Trichloropropane	11.120	75	5933	1.967	ug/L #	45
64) 1,3-Dichlorobenzene	11.120	146	20262	4.321	ug/L	97
65) 1,4-Dichlorobenzene	11.207	146	165888	34.787	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	177033	37.897	ug/L	98
69) 1,3,5-Trichlorobenzene	13.201	180	27440	8.119	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	27440	8.839	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	7975	2.606	ug/L	95

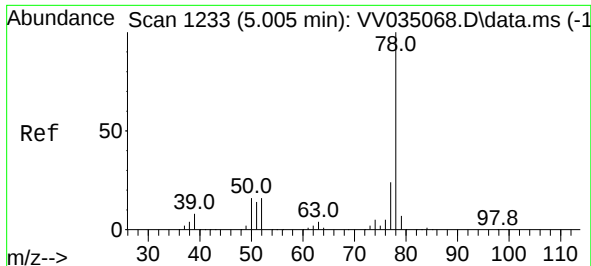
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040924\
Data File : VV035086.D
Acq On : 09 Apr 2024 16:39
Operator : SY/MD
Sample : P2006-10DL 500X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Apr 10 04:58:12 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 10 04:53:36 2024
Response via : Initial Calibration





#33

Benzene

Concen: 13.923 ug/L

RT: 5.011 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV035086.D

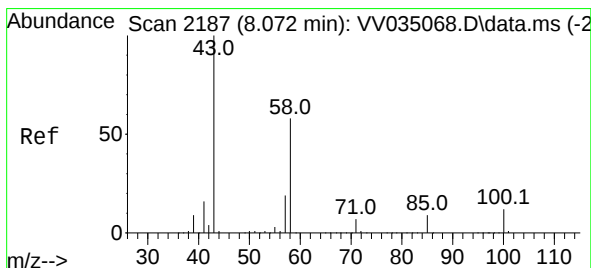
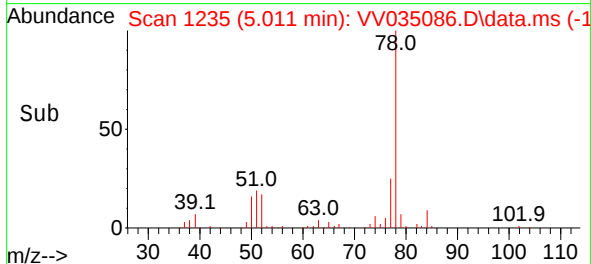
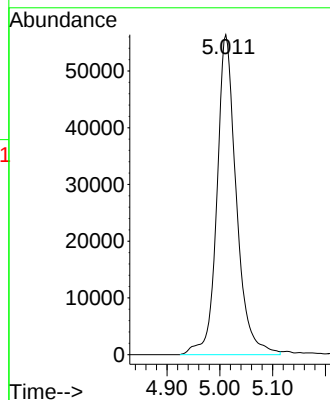
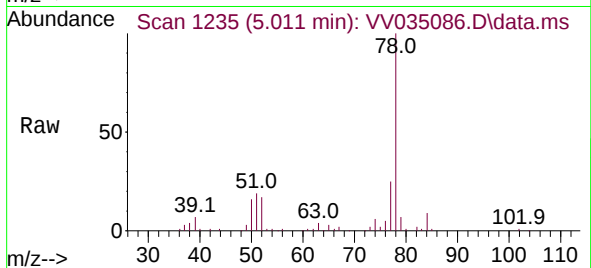
Acq: 09 Apr 2024 16:39

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 78 Resp: 144048



#48

2-Hexanone

Concen: 5.578 ug/L

RT: 8.085 min Scan# 2191

Delta R.T. 0.013 min

Lab File: VV035086.D

Acq: 09 Apr 2024 16:39

Tgt Ion: 43 Resp: 17320

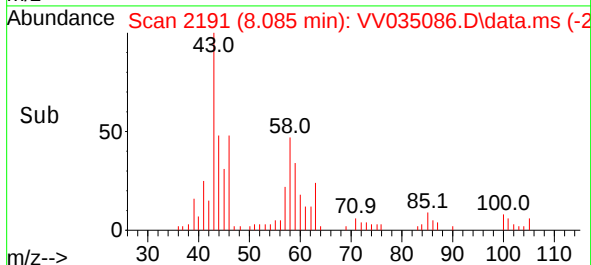
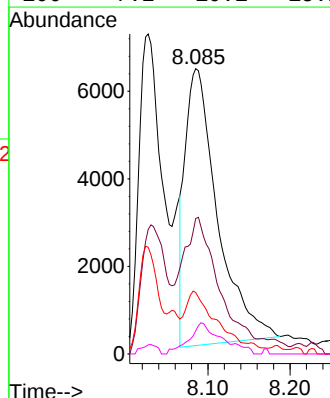
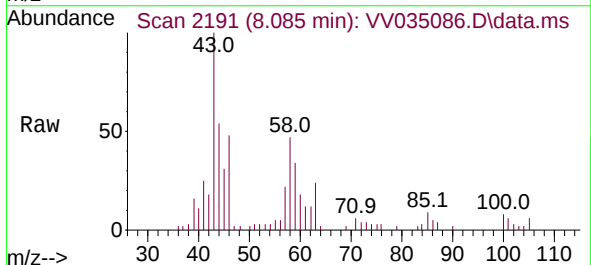
Ion Ratio Lower Upper

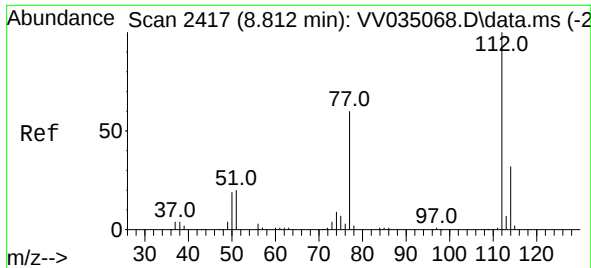
43 100

58 31.6 45.4 68.2#

57 17.4 16.2 24.4

100 7.2 10.1 15.1#

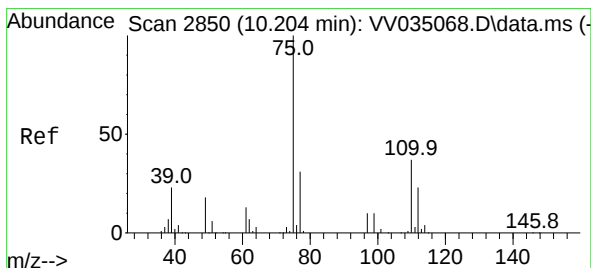
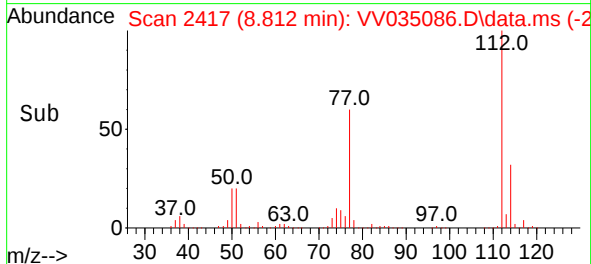
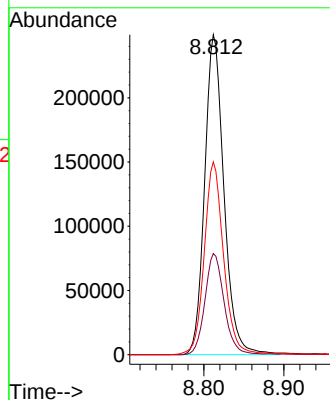
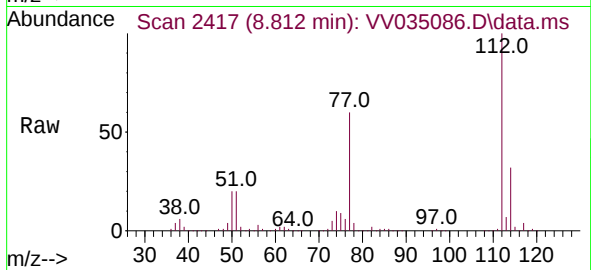




#51
Chlorobenzene
Concen: 59.653 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.000 min
Lab File: VV035086.D
Acq: 09 Apr 2024 16:39

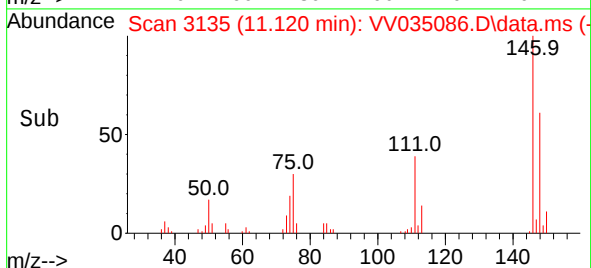
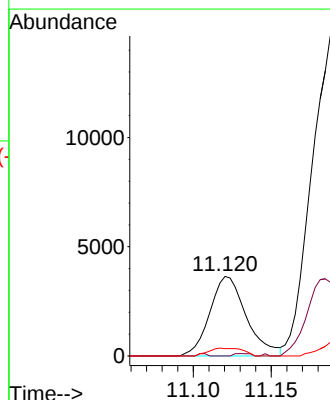
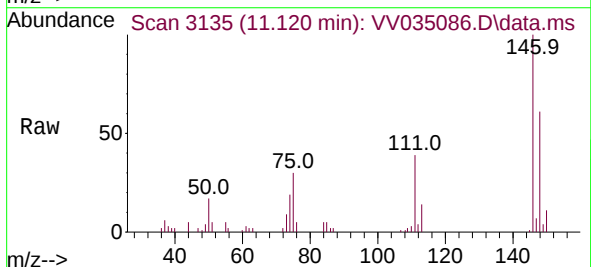
Instrument :
MSVOA_V
ClientSampleId :

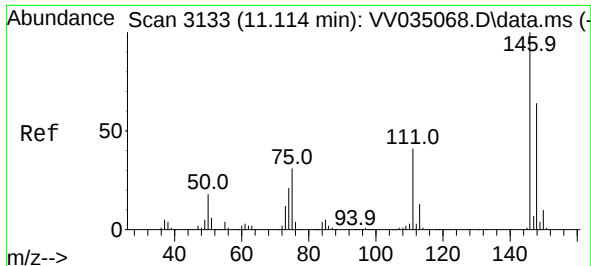
Tgt Ion:112 Resp: 418790
Ion Ratio Lower Upper
112 100
114 31.6 22.0 41.0
77 60.2 47.4 71.2



#61
1,2,3-Trichloropropane
Concen: 1.967 ug/L
RT: 11.120 min Scan# 3135
Delta R.T. 0.916 min
Lab File: VV035086.D
Acq: 09 Apr 2024 16:39

Tgt Ion: 75 Resp: 5933
Ion Ratio Lower Upper
75 100
77 1.0 26.0 39.0#
110 6.0 30.5 45.7#





#64

1,3-Dichlorobenzene

Concen: 4.321 ug/L

RT: 11.120 min Scan# 3135

Delta R.T. 0.006 min

Lab File: VV035086.D

Acq: 09 Apr 2024 16:39

Instrument :

MSVOA_V

ClientSampleId :

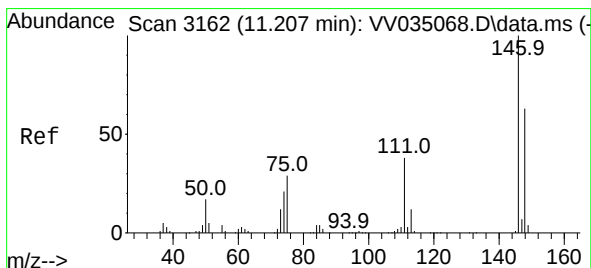
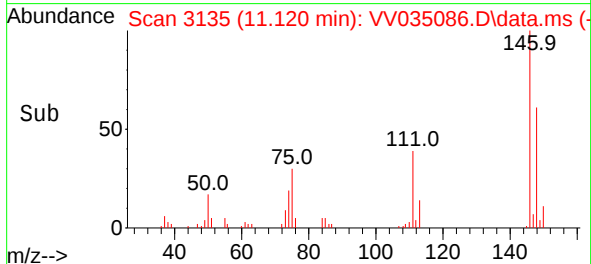
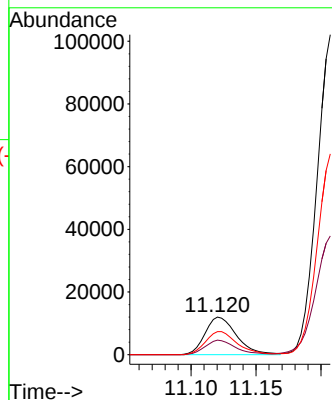
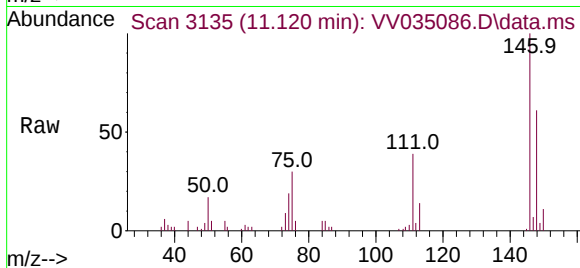
Tgt Ion:146 Resp: 20262

Ion Ratio Lower Upper

146 100

111 38.5 28.7 53.3

148 61.3 44.0 81.8



#65

1,4-Dichlorobenzene

Concen: 34.787 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. -0.000 min

Lab File: VV035086.D

Acq: 09 Apr 2024 16:39

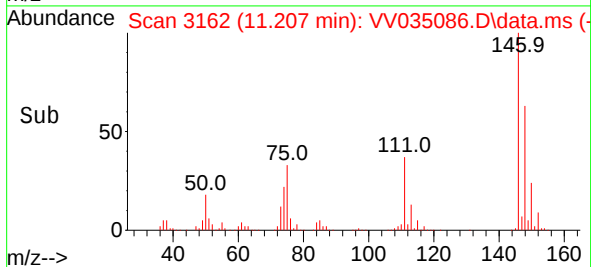
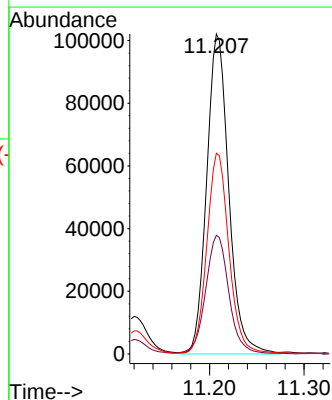
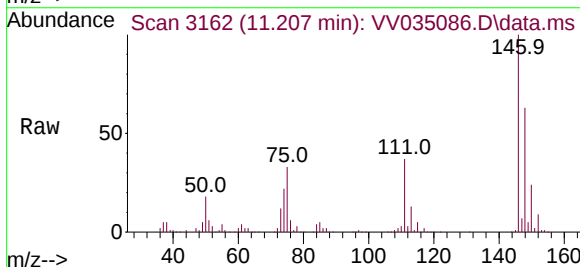
Tgt Ion:146 Resp: 165888

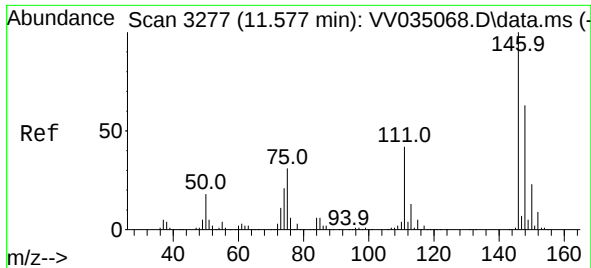
Ion Ratio Lower Upper

146 100

111 37.1 27.4 50.8

148 62.8 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 37.897 ug/L

RT: 11.577 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV035086.D

Acq: 09 Apr 2024 16:39

Instrument :

MSVOA_V

ClientSampleId :

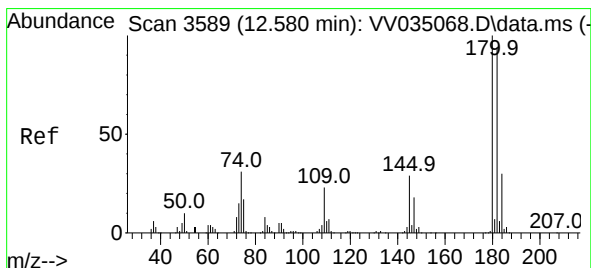
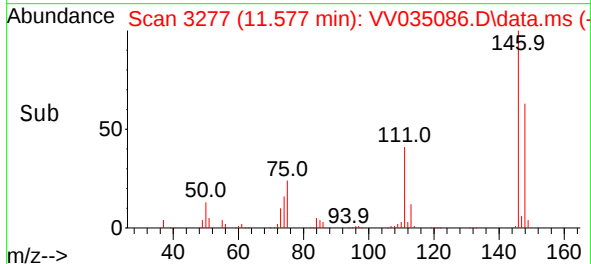
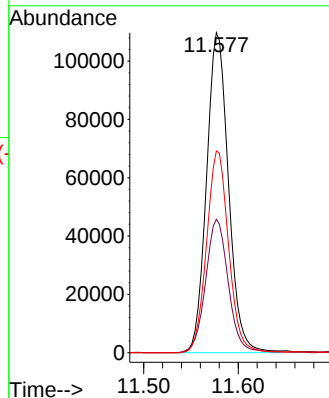
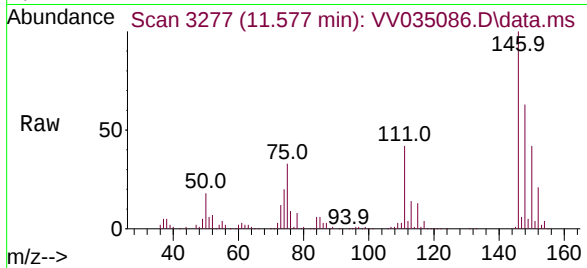
Tgt Ion:146 Resp: 177033

Ion Ratio Lower Upper

146 100

111 41.7 34.6 52.0

148 63.0 51.5 77.3



#69

1,3,5-Trichlorobenzene

Concen: 8.119 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.621 min

Lab File: VV035086.D

Acq: 09 Apr 2024 16:39

Tgt Ion:180 Resp: 27440

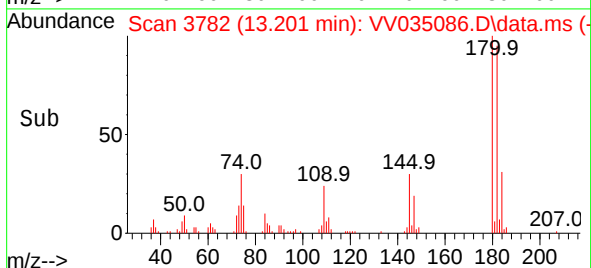
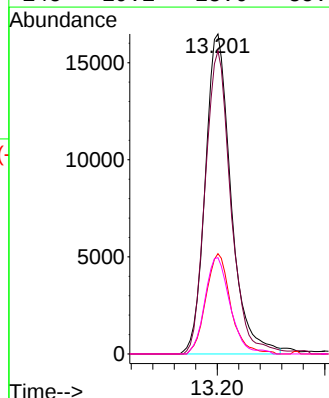
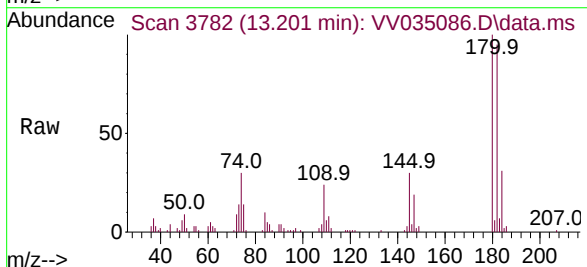
Ion Ratio Lower Upper

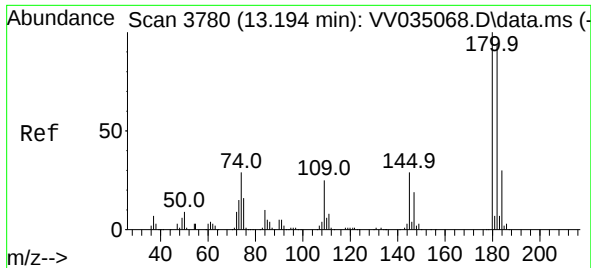
180 100

182 94.0 74.7 112.1

184 30.1 24.0 36.0

145 29.1 23.6 35.4





#70

1,2,4-trichlorobenzene

Concen: 8.839 ug/L

RT: 13.201 min Scan# 31

Delta R.T. 0.006 min

Lab File: VV035086.D

Acq: 09 Apr 2024 16:39

Instrument :

MSVOA_V

ClientSampleId :

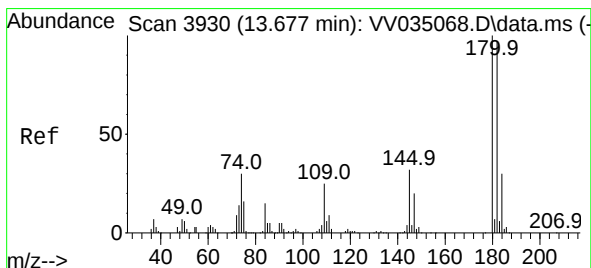
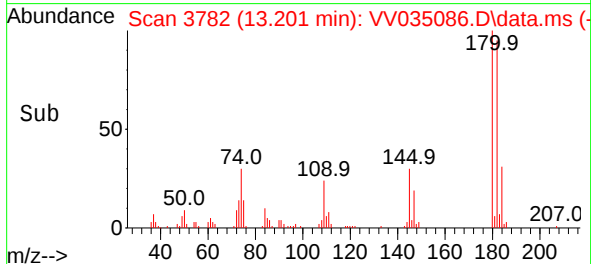
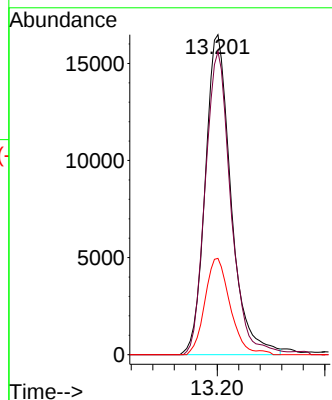
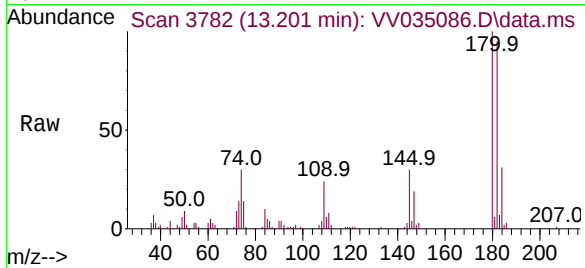
Tgt Ion:180 Resp: 27440

Ion Ratio Lower Upper

180 100

182 94.0 75.6 113.4

145 29.1 24.1 36.1



#72

1,2,3-Trichlorobenzene

Concen: 2.606 ug/L

RT: 13.683 min Scan# 3932

Delta R.T. 0.006 min

Lab File: VV035086.D

Acq: 09 Apr 2024 16:39

Tgt Ion:180 Resp: 7975

Ion Ratio Lower Upper

180 100

182 89.8 76.2 114.2

145 33.1 25.8 38.6

