

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042324\
 Data File : VV035369.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 :

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)

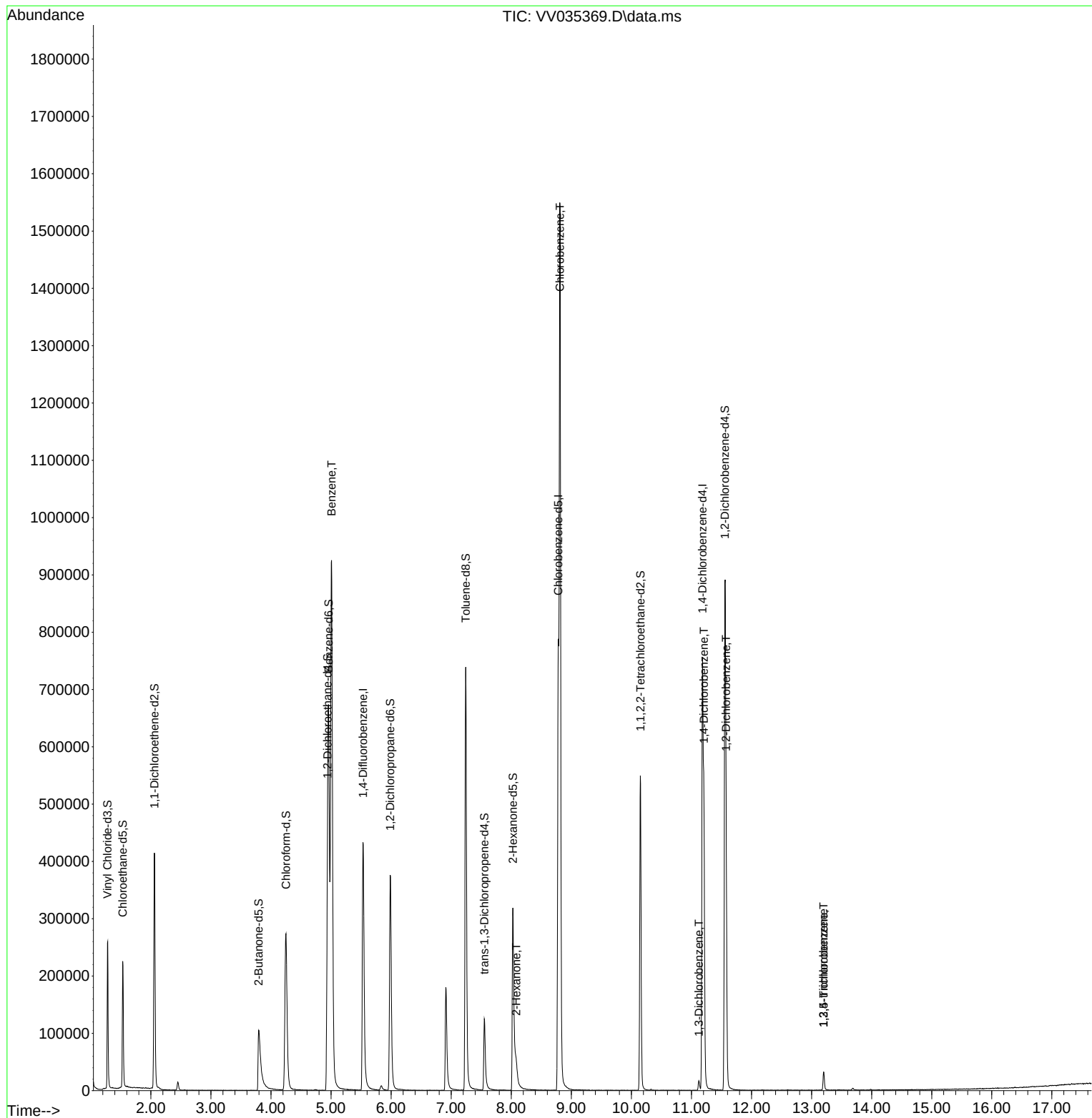
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	395319	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	398358	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	187529	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	170271	44.599	ug/L	0.00
Spiked Amount 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
48) 2-Hexanone	8.085	43	30879	7.921	ug/L	96
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
69) 1,3,5-Trichlorobenzene	13.201	180	11234	2.467	ug/L	97
70) 1,2,4-trichlorobenzene	13.201	180	11234	2.686	ug/L	97

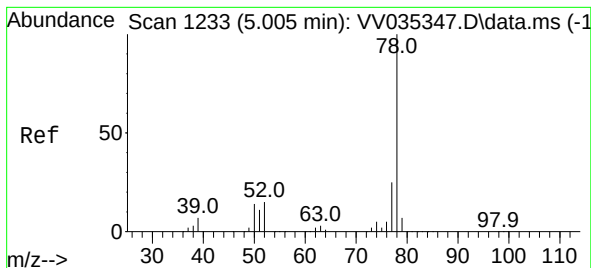
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Apr 23 23:26:51 2024
Response via : Initial Calibration





#33

Benzene

Concen: 76.168 ug/L

RT: 5.008 min Scan# 1233

Delta R.T. 0.003 min

Lab File: VV035369.D

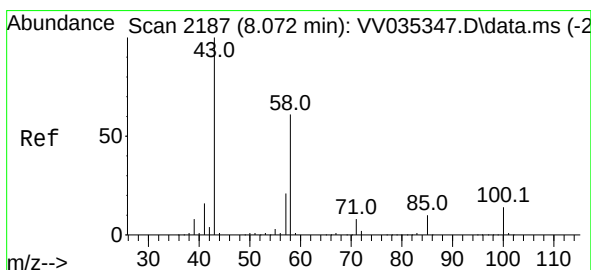
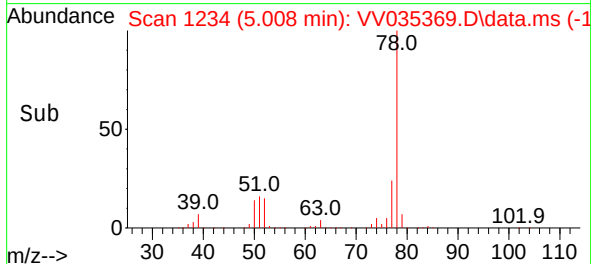
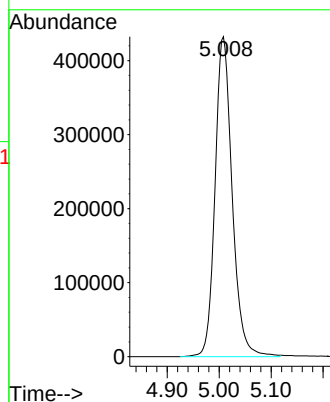
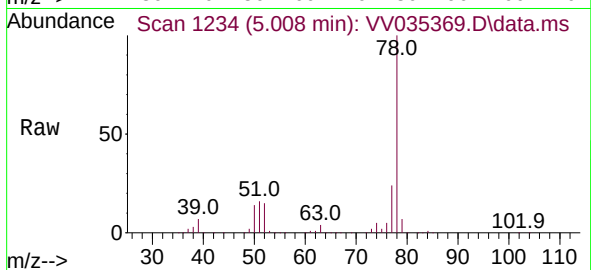
Acq: 23 Apr 2024 18:38

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 78 Resp: 989408



#48

2-Hexanone

Concen: 7.921 ug/L

RT: 8.085 min Scan# 2191

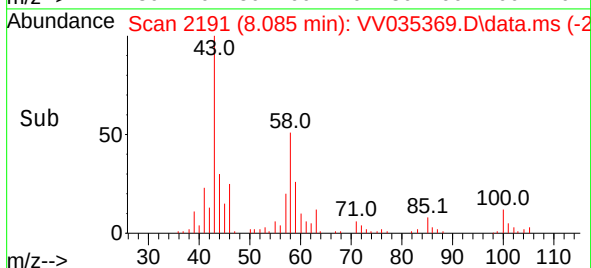
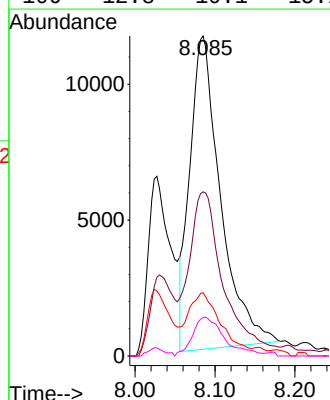
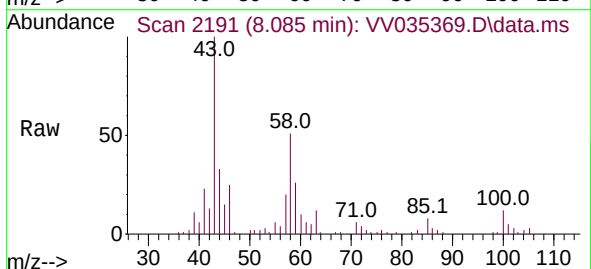
Delta R.T. 0.013 min

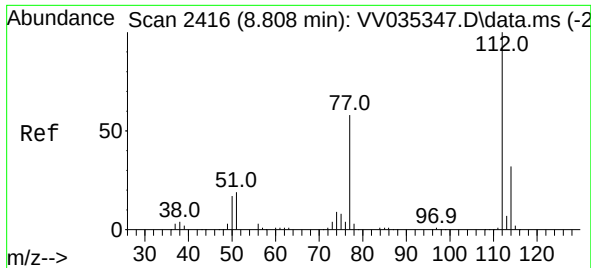
Lab File: VV035369.D

Acq: 23 Apr 2024 18:38

Tgt Ion: 43 Resp: 30879

Ion	Ratio	Lower	Upper
43	100		
58	53.3	45.4	68.2
57	17.8	16.2	24.4
100	12.8	10.1	15.1





#51

Chlorobenzene

Concen: 96.026 ug/L

RT: 8.812 min Scan# 2416

Delta R.T. 0.003 min

Lab File: VV035369.D

Acq: 23 Apr 2024 18:38

Instrument :

MSVOA_V

ClientSampleId :

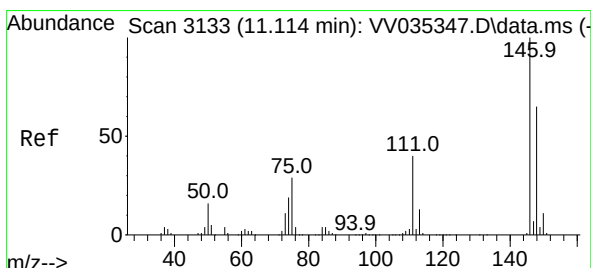
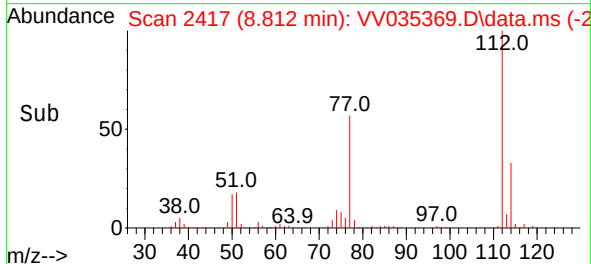
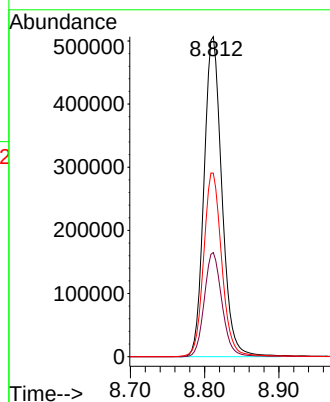
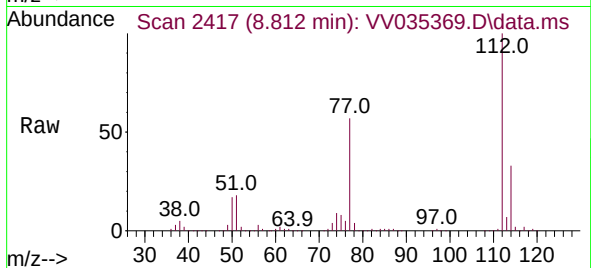
Tgt Ion:112 Resp: 846391

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# 3136

Delta R.T. 0.010 min

Lab File: VV035369.D

Acq: 23 Apr 2024 18:38

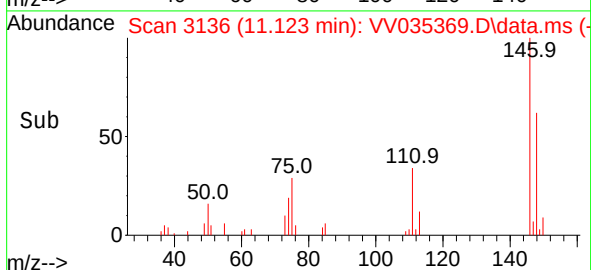
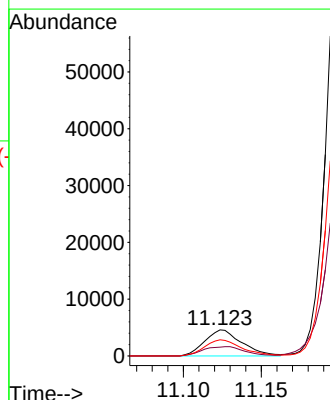
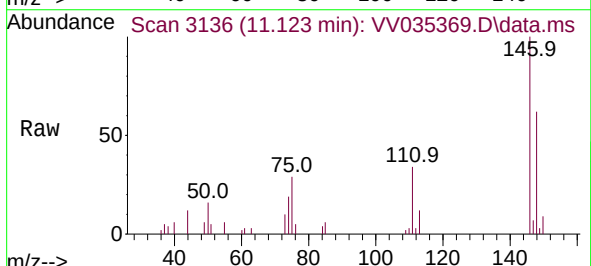
Tgt Ion:146 Resp: 7595

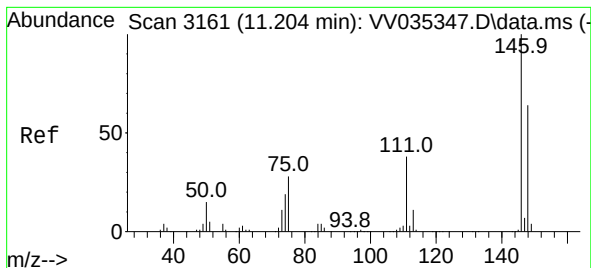
Ion Ratio Lower Upper

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# 3161

Delta R.T. 0.003 min

Lab File: VV035369.D

Acq: 23 Apr 2024 18:38

Instrument :

MSVOA_V

ClientSampleId :

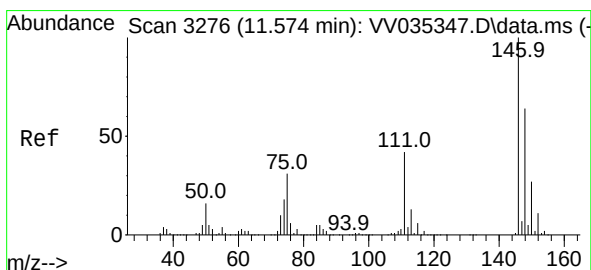
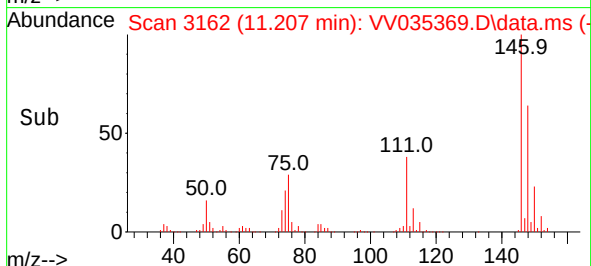
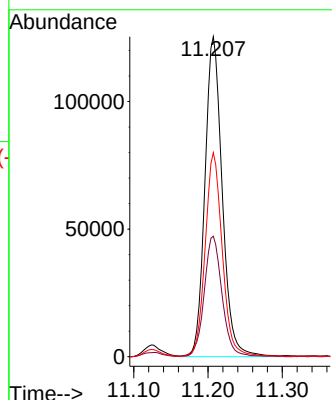
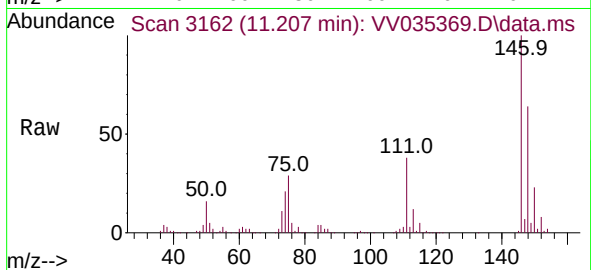
Tgt Ion:146 Resp: 203252

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# 3277

Delta R.T. 0.003 min

Lab File: VV035369.D

Acq: 23 Apr 2024 18:38

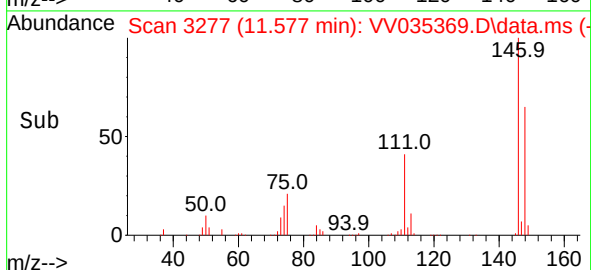
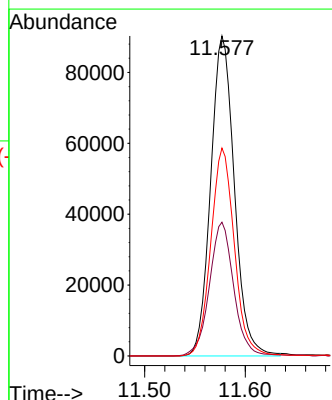
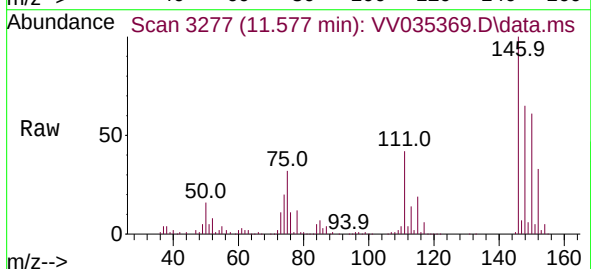
Tgt Ion:146 Resp: 147838

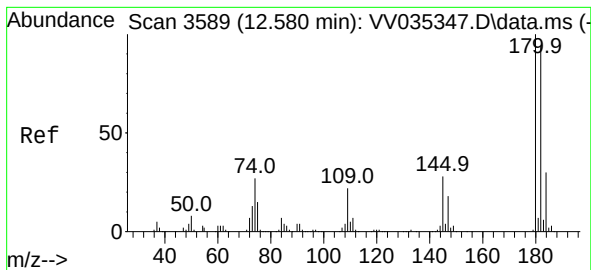
Ion Ratio Lower Upper

146 100

111 41.8 34.6 52.0

148 65.0 51.5 77.3





#69

1,3,5-Trichlorobenzene

Concen: 2.467 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.621 min

Lab File: VV035369.D

Acq: 23 Apr 2024 18:38

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 11234

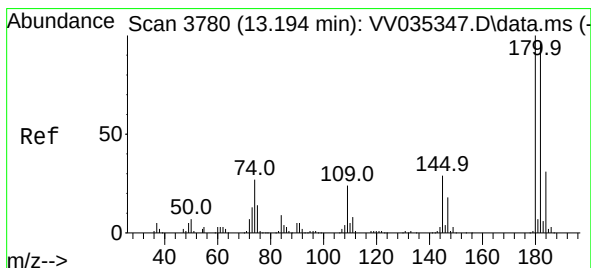
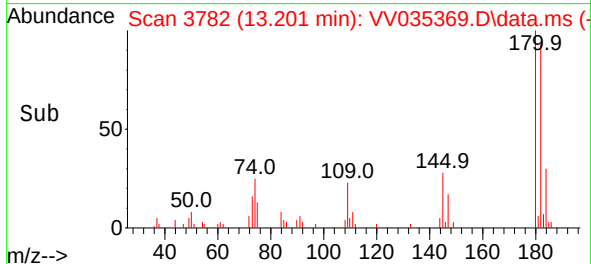
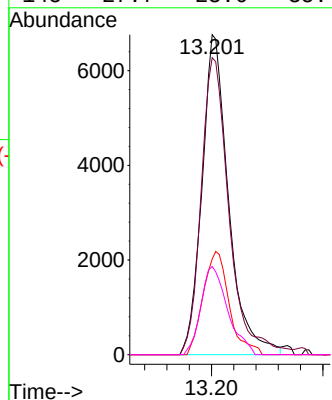
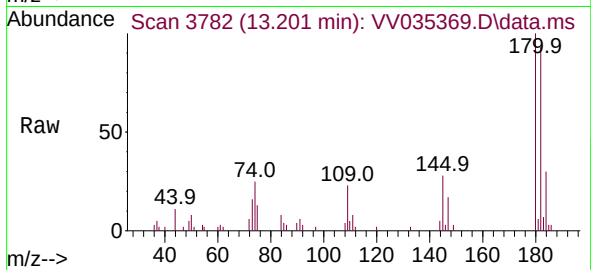
Ion Ratio Lower Upper

180 100

182 96.8 74.7 112.1

184 31.6 24.0 36.0

145 27.7 23.6 35.4



#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

