

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040924\
 Data File : VV035087.D
 Acq On : 09 Apr 2024 17:03
 Operator : SY/MD
 Sample : P2006-11DL 100X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 10 04:58:30 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)

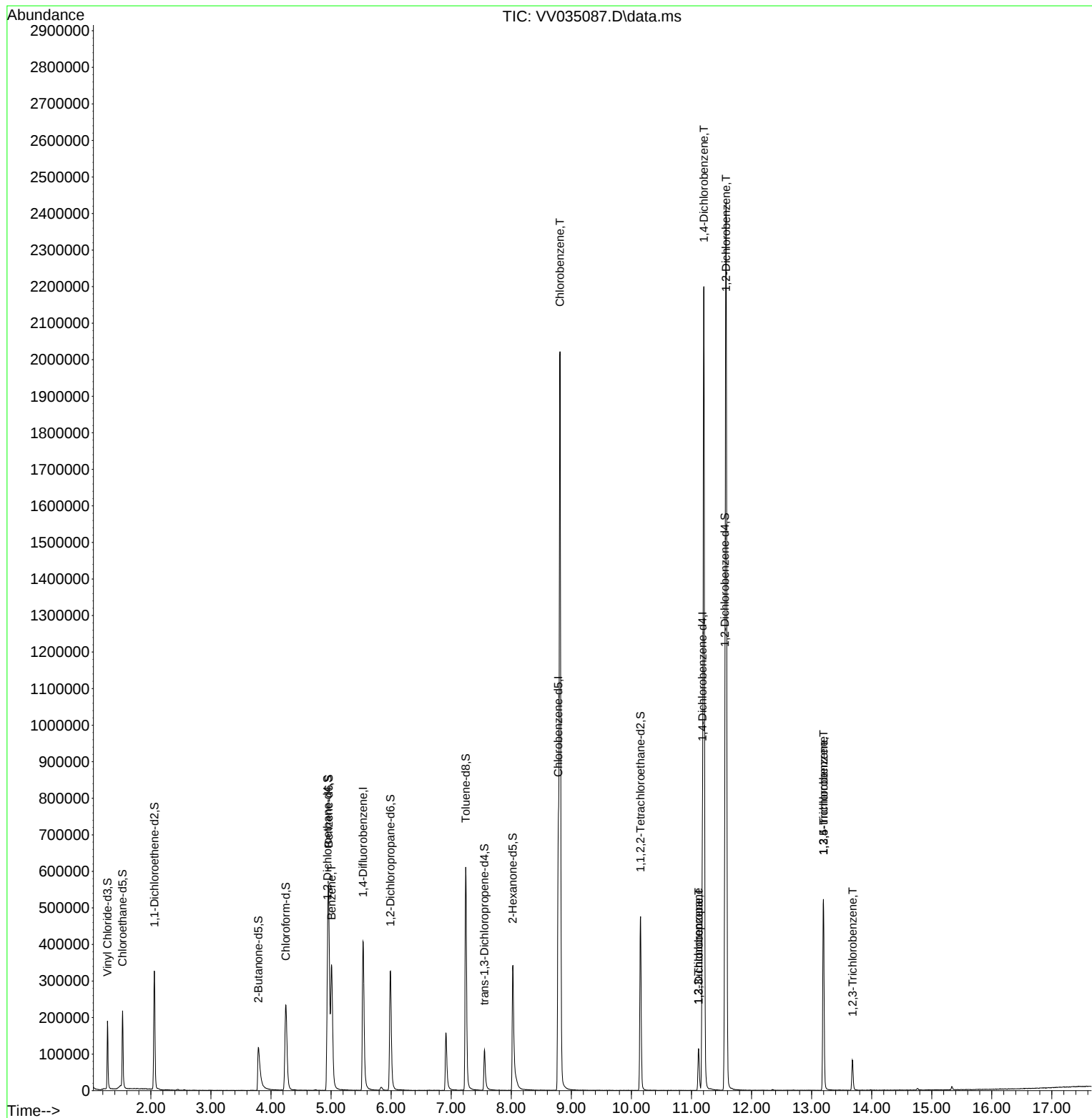
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	358264	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	350369	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.184	152	160449	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	118493	34.247	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	68.500%		
7) Chloroethane-d5	1.529	69	129337	43.038	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	86.080%		
11) 1,1-Dichloroethene-d2	2.059	65	56254	37.090	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	74.180%		
21) 2-Butanone-d5	3.789	46	204035	99.431	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	99.430%		
24) Chloroform-d	4.246	84	253342	43.550	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.100%		
26) 1,2-Dichloroethane-d4	4.940	65	165470	44.802	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.600%		
32) Benzene-d6	4.960	84	491163	41.733	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	83.460%		
36) 1,2-Dichloropropane-d6	5.989	67	166364	44.515	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	89.040%		
41) Toluene-d8	7.243	98	417085	39.351	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	78.700%#		
43) trans-1,3-Dichloroprop...	7.554	79	67293	37.038	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	74.080%		
47) 2-Hexanone-d5	8.024	63	117025	82.821	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	82.820%		
56) 1,1,2,2-Tetrachloroeth...	10.152	84	233971	45.462	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	90.920%		
66) 1,2-Dichlorobenzene-d4	11.557	152	165837	46.035	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.060%		
Target Compounds					Qvalue	
33) Benzene	5.008	78	361329	31.626	ug/L	100
51) Chlorobenzene	8.812	112	1031694	133.082	ug/L	98
61) 1,2,3-Trichloropropane	11.117	75	14052	4.042	ug/L #	50
64) 1,3-Dichlorobenzene	11.120	146	47429	8.774	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	818533	148.905	ug/L	100
67) 1,2-Dichlorobenzene	11.577	146	894906	166.190	ug/L	98
69) 1,3,5-Trichlorobenzene	13.197	180	160388	41.170	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	160388	44.819	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	24808	7.033	ug/L	99

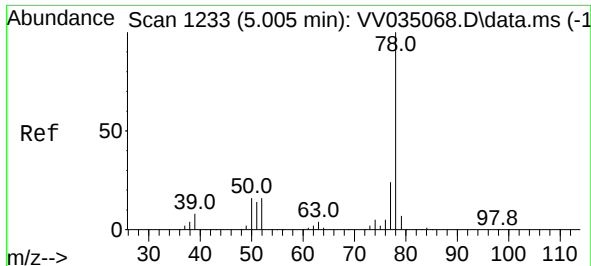
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Apr 10 04:53:36 2024
Response via : Initial Calibration





#33

Benzene

Concen: 31.626 ug/L

RT: 5.008 min Scan# 1234

Delta R.T. 0.003 min

Lab File: VV035087.D

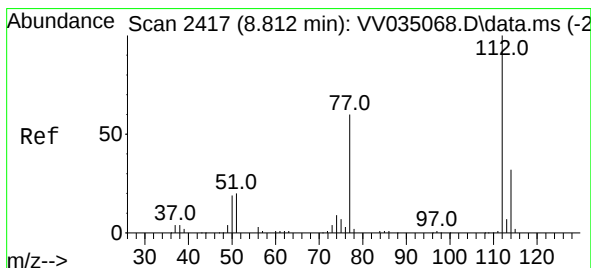
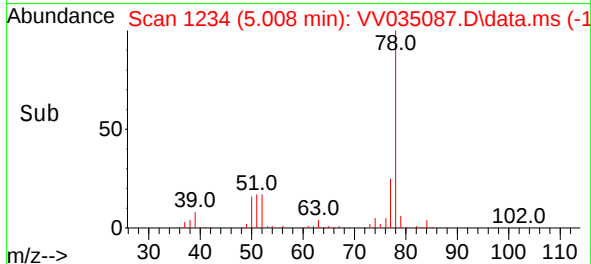
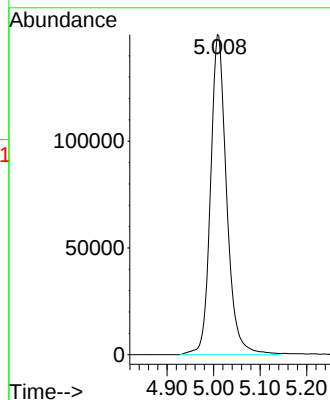
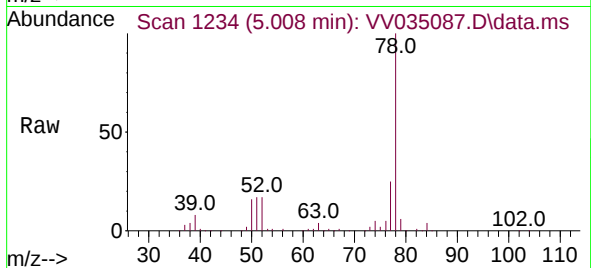
Acq: 09 Apr 2024 17:03

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 78 Resp: 361329



#51

Chlorobenzene

Concen: 133.082 ug/L

RT: 8.812 min Scan# 2417

Delta R.T. -0.000 min

Lab File: VV035087.D

Acq: 09 Apr 2024 17:03

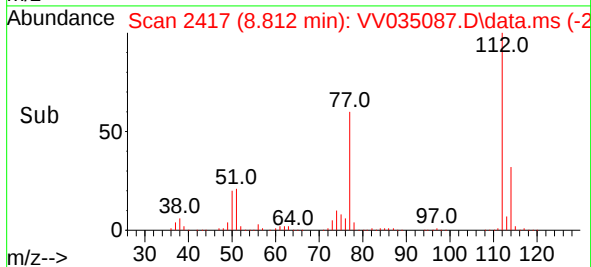
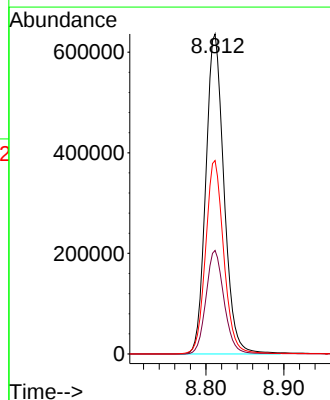
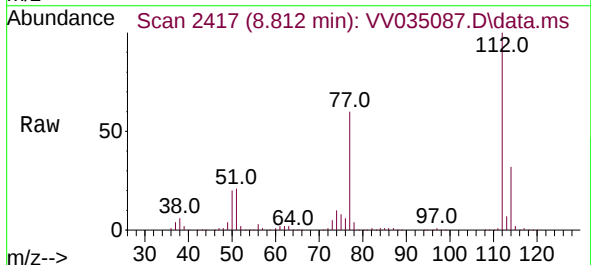
Tgt Ion: 112 Resp: 1031694

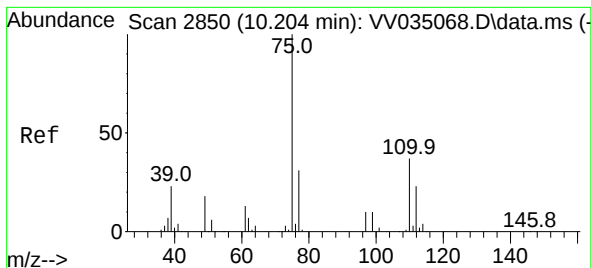
Ion Ratio Lower Upper

112 100

114 32.3 22.0 41.0

77 60.5 47.4 71.2





#61

1,2,3-Trichloropropane

Concen: 4.042 ug/L

RT: 11.117 min Scan# 3134

Delta R.T. 0.913 min

Lab File: VV035087.D

Acq: 09 Apr 2024 17:03

Instrument :

MSVOA_V

ClientSampleId :

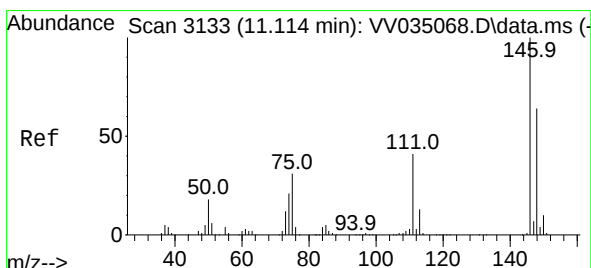
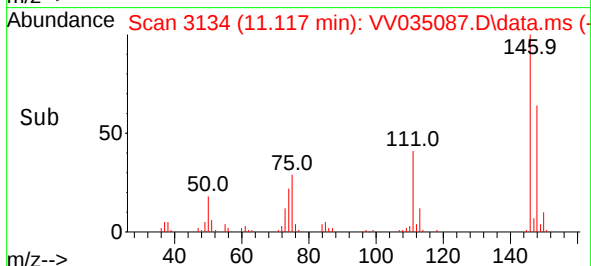
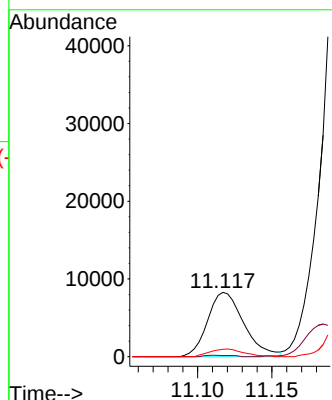
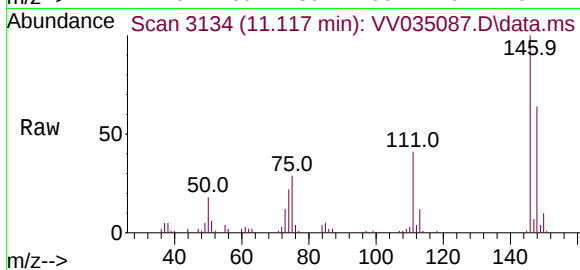
Tgt Ion: 75 Resp: 14052

Ion Ratio Lower Upper

75 100

77 1.1 26.0 39.0#

110 11.1 30.5 45.7#



#64

1,3-Dichlorobenzene

Concen: 8.774 ug/L

RT: 11.120 min Scan# 3135

Delta R.T. 0.006 min

Lab File: VV035087.D

Acq: 09 Apr 2024 17:03

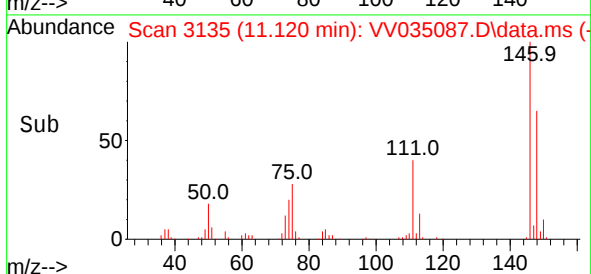
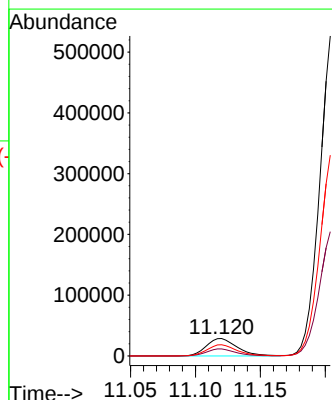
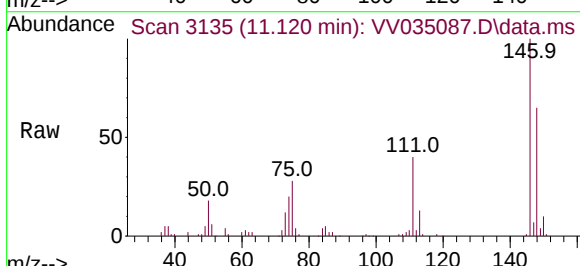
Tgt Ion:146 Resp: 47429

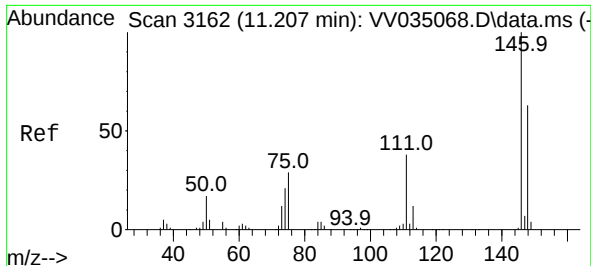
Ion Ratio Lower Upper

146 100

111 40.5 28.7 53.3

148 64.5 44.0 81.8





#65

1,4-Dichlorobenzene

Concen: 148.905 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. -0.000 min

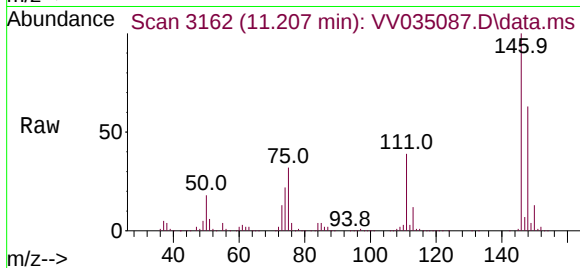
Lab File: VV035087.D

Acq: 09 Apr 2024 17:03

Instrument :

MSVOA_V

ClientSampleId :



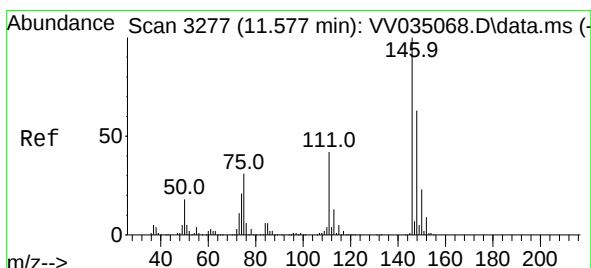
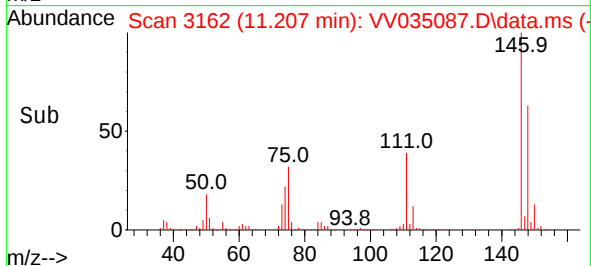
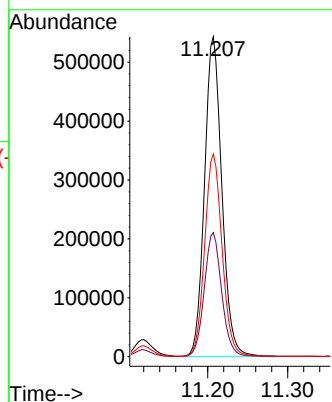
Tgt Ion:146 Resp: 818533

Ion Ratio Lower Upper

146 100

111 38.8 27.4 50.8

148 63.4 44.2 82.2



#67

1,2-Dichlorobenzene

Concen: 166.190 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. -0.000 min

Lab File: VV035087.D

Acq: 09 Apr 2024 17:03

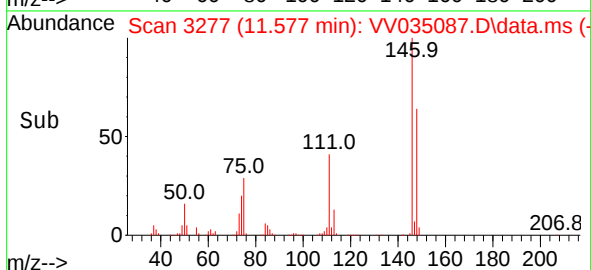
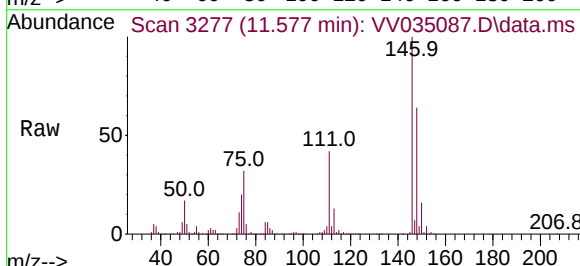
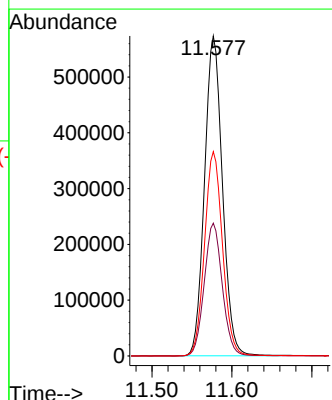
Tgt Ion:146 Resp: 894906

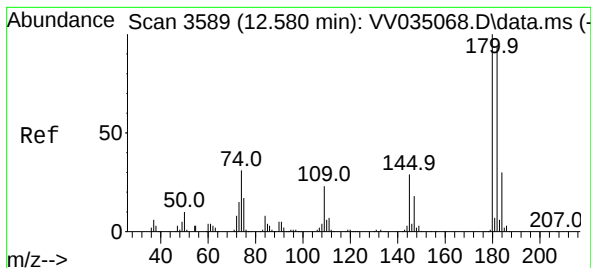
Ion Ratio Lower Upper

146 100

111 41.5 34.6 52.0

148 63.9 51.5 77.3





#69

1,3,5-Trichlorobenzene

Concen: 41.170 ug/L

RT: 13.197 min Scan# 3

Delta R.T. 0.617 min

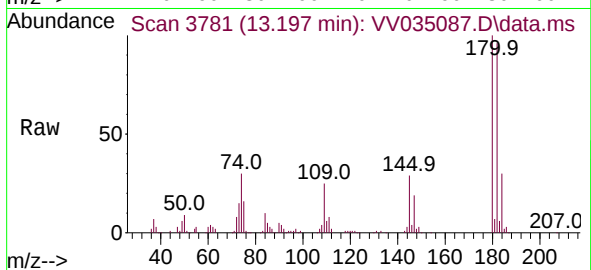
Lab File: VV035087.D

Acq: 09 Apr 2024 17:03

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 160388

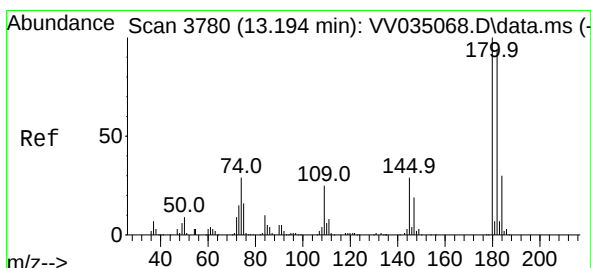
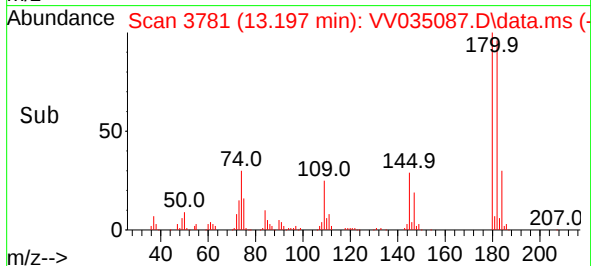
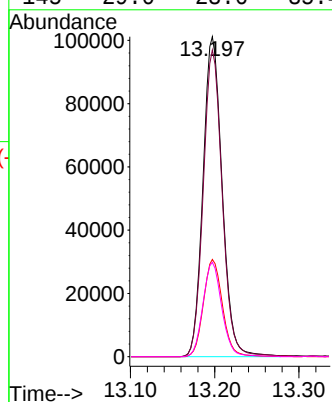
Ion Ratio Lower Upper

180 100

182 95.2 74.7 112.1

184 30.1 24.0 36.0

145 29.0 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 44.819 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.003 min

Lab File: VV035087.D

Acq: 09 Apr 2024 17:03

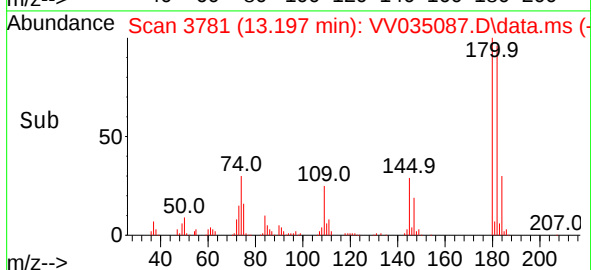
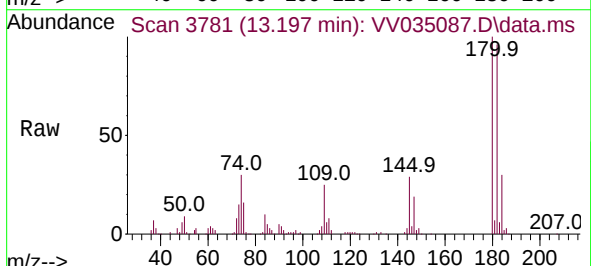
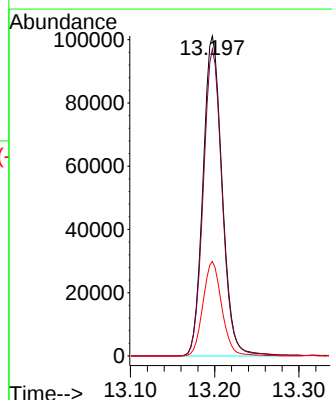
Tgt Ion:180 Resp: 160388

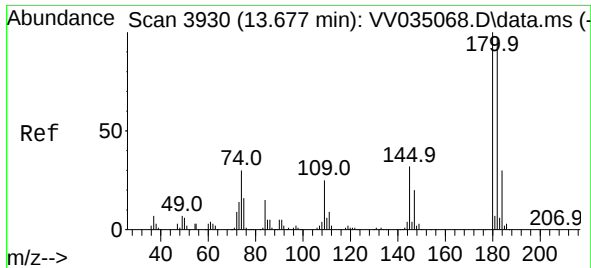
Ion Ratio Lower Upper

180 100

182 95.2 75.6 113.4

145 29.0 24.1 36.1





#72

1,2,3-Trichlorobenzene

Concen: 7.033 ug/L

RT: 13.683 min Scan# 3932

Delta R.T. 0.006 min

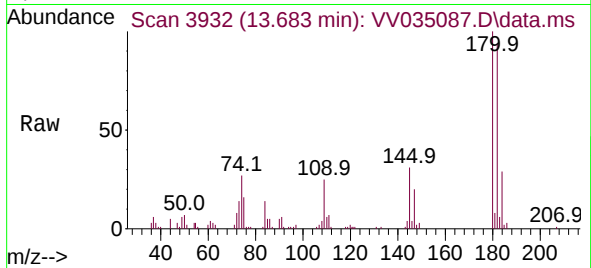
Lab File: VV035087.D

Acq: 09 Apr 2024 17:03

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 24808

Ion Ratio Lower Upper

180 100

182 94.5 76.2 114.2

145 32.0 25.8 38.6

