

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040524\
 Data File : VV035031.D
 Acq On : 06 Apr 2024 02:15
 Operator : SY/MD
 Sample : P2009-06
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 06 03:21:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 06 02:25:24 2024
 Response via : Initial Calibration

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

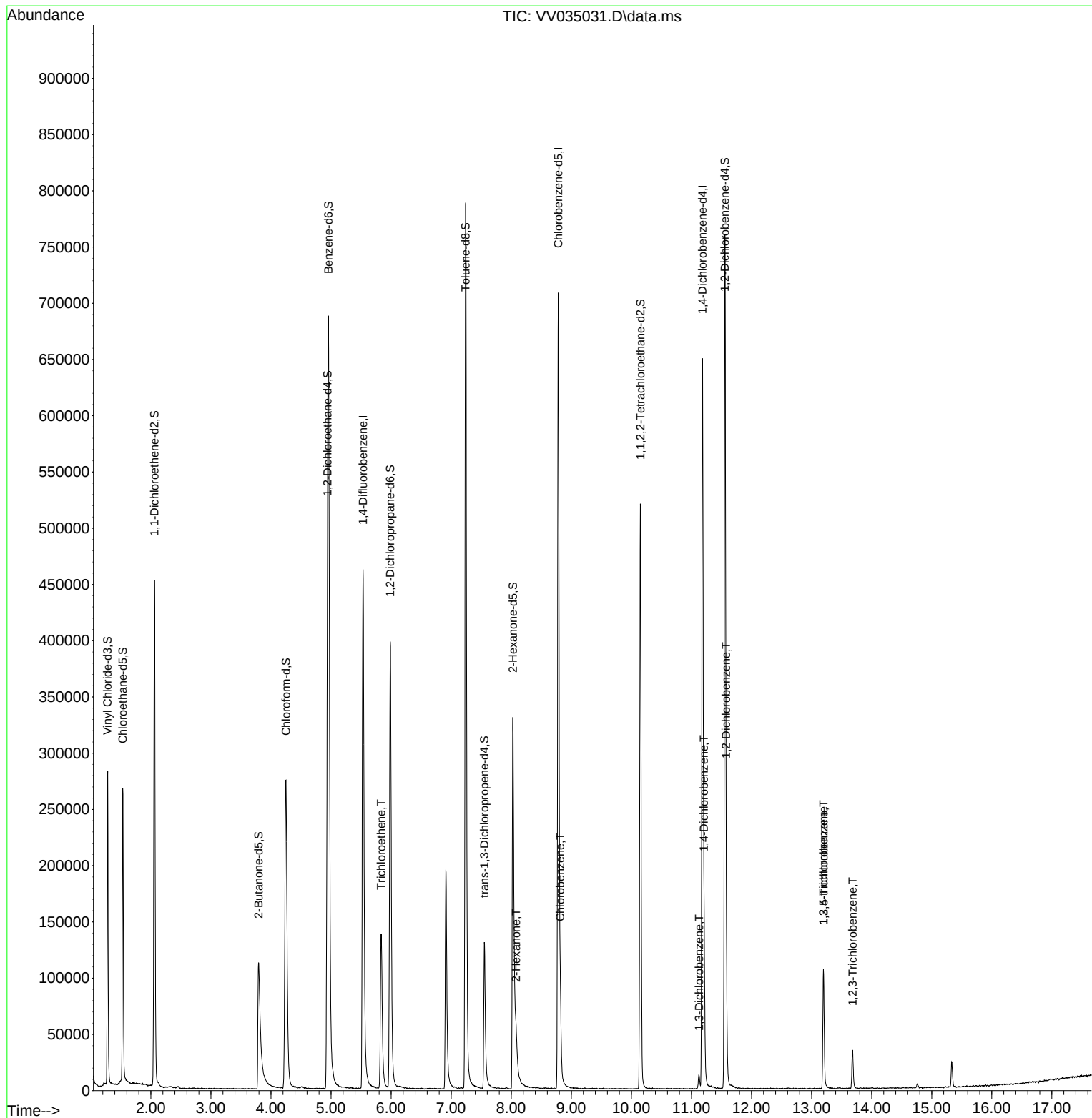
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	404732	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	378447	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	164052	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	180218	46.107	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	92.220%		
7) Chloroethane-d5	1.532	69	162709	47.926	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	95.860%		
11) 1,1-Dichloroethene-d2	2.060	65	77449	45.202	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.400%		
21) 2-Butanone-d5	3.793	46	198229	85.511	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	85.510%		
24) Chloroform-d	4.249	84	300002	45.650	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.300%		
26) 1,2-Dichloroethane-d4	4.941	65	196289	47.045	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.080%		
32) Benzene-d6	4.957	84	623522	49.049	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.100%		
36) 1,2-Dichloropropane-d6	5.986	67	201194	49.841	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	99.680%		
41) Toluene-d8	7.239	98	537539	46.953	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.900%		
43) trans-1,3-Dichloroprop...	7.551	79	81162	41.358	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	82.720%		
47) 2-Hexanone-d5	8.027	63	111593	73.117	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	73.120%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	255186	45.906	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	91.820%		
66) 1,2-Dichlorobenzene-d4	11.558	152	186659	50.677	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.360%		
Target Compounds						Qvalue
34) Trichloroethene	5.834	95	50057	15.030	ug/L	97
48) 2-Hexanone	8.082	43	30276	8.175	ug/L	94
51) Chlorobenzene	8.815	112	47033	5.617	ug/L	99
64) 1,3-Dichlorobenzene	11.127	146	5907	1.069	ug/L	95
65) 1,4-Dichlorobenzene	11.210	146	57225	10.182	ug/L	97
67) 1,2-Dichlorobenzene	11.577	146	41479	7.534	ug/L	99
69) 1,3,5-Trichlorobenzene	13.197	180	32582	8.180	ug/L	97
70) 1,2,4-trichlorobenzene	13.197	180	32582	8.905	ug/L	98
72) 1,2,3-Trichlorobenzene	13.683	180	10574	2.932	ug/L	96

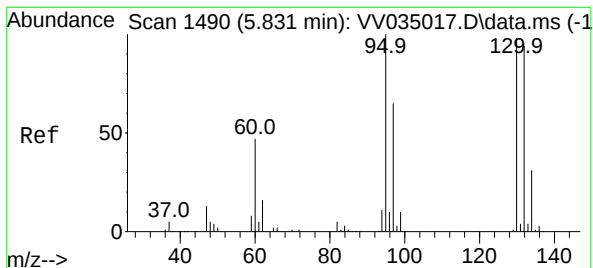
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Apr 06 02:25:24 2024
Response via : Initial Calibration





#34

Trichloroethene

Concen: 15.030 ug/L

RT: 5.834 min Scan# 1490

Delta R.T. 0.003 min

Lab File: VV035031.D

Acq: 06 Apr 2024 02:15

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 50057

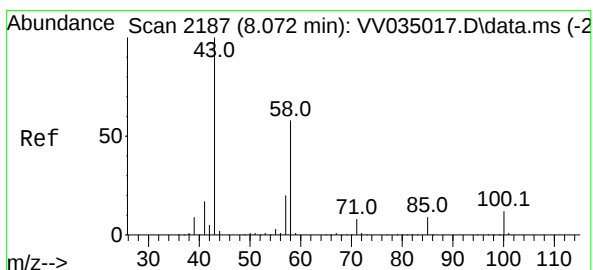
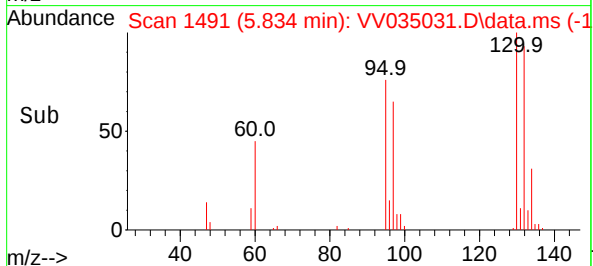
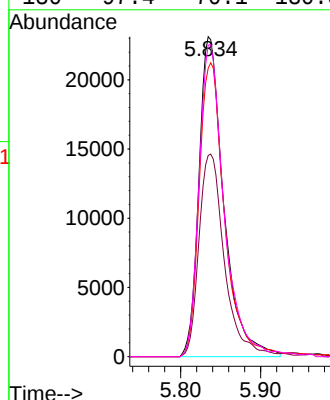
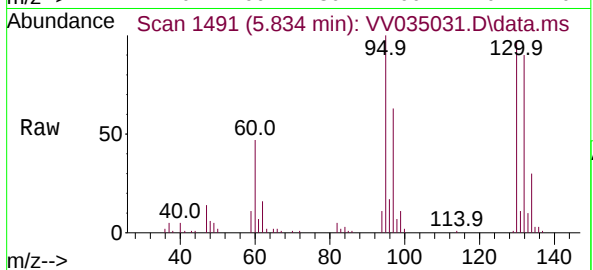
Ion Ratio Lower Upper

95 100

97 62.9 45.3 84.1

132 90.1 65.3 121.3

130 97.4 70.1 130.3



#48

2-Hexanone

Concen: 8.175 ug/L

RT: 8.082 min Scan# 2190

Delta R.T. 0.010 min

Lab File: VV035031.D

Acq: 06 Apr 2024 02:15

Tgt Ion: 43 Resp: 30276

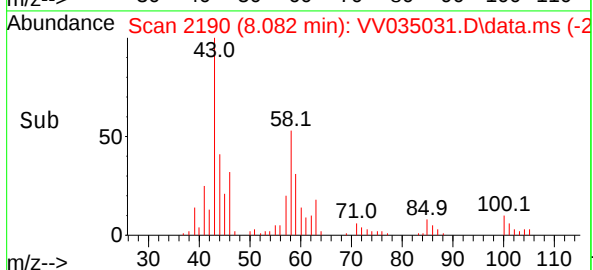
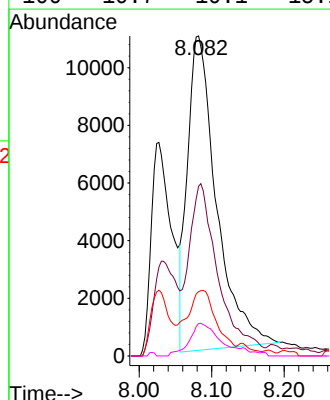
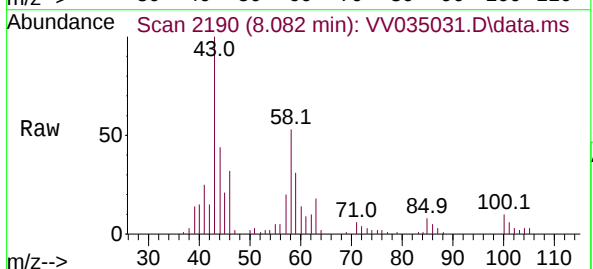
Ion Ratio Lower Upper

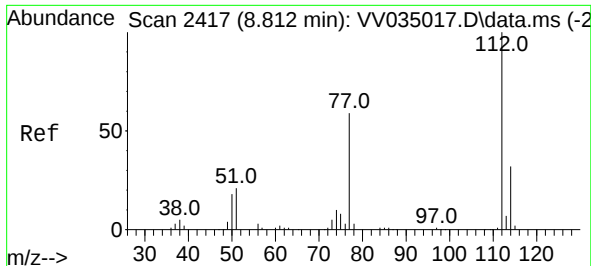
43 100

58 51.9 45.4 68.2

57 17.5 16.2 24.4

100 10.7 10.1 15.1





#51

Chlorobenzene

Concen: 5.617 ug/L

RT: 8.815 min Scan# 2417

Delta R.T. 0.003 min

Lab File: VV035031.D

Acq: 06 Apr 2024 02:15

Instrument :

MSVOA_V

ClientSampleId :

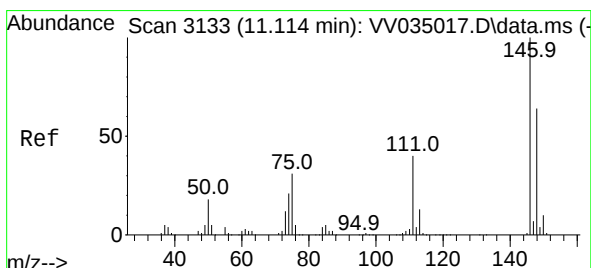
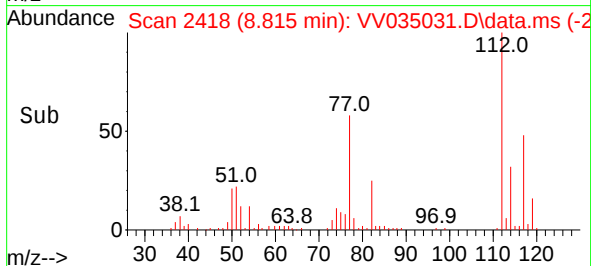
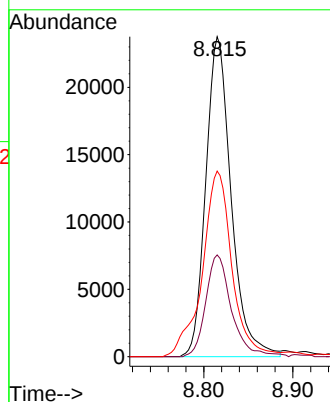
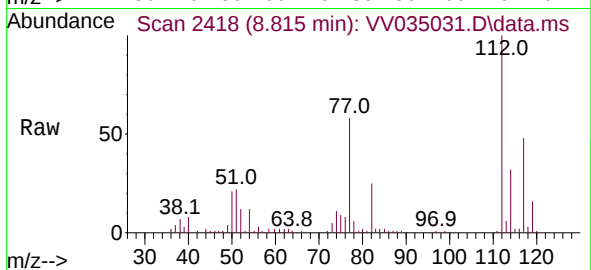
Tgt Ion:112 Resp: 47033

Ion Ratio Lower Upper

112 100

114 31.8 22.0 41.0

77 58.0 47.4 71.2



#64

1,3-Dichlorobenzene

Concen: 1.069 ug/L

RT: 11.127 min Scan# 3137

Delta R.T. 0.013 min

Lab File: VV035031.D

Acq: 06 Apr 2024 02:15

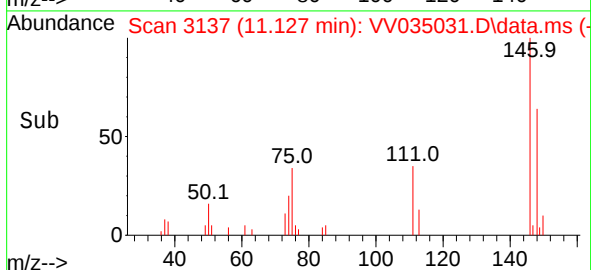
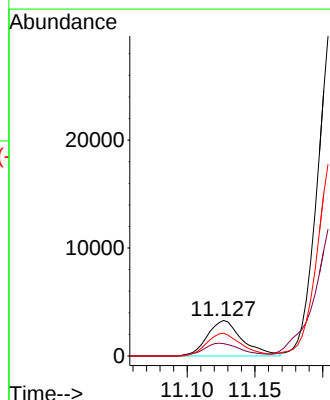
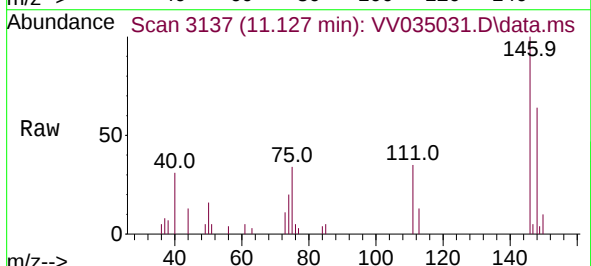
Tgt Ion:146 Resp: 5907

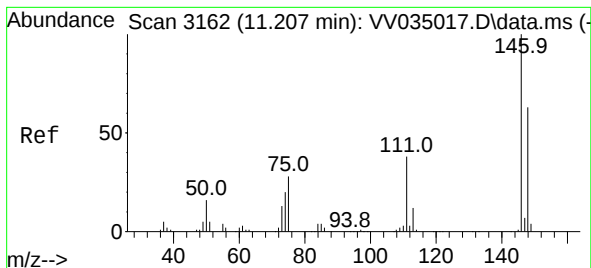
Ion Ratio Lower Upper

146 100

111 34.7 28.7 53.3

148 64.3 44.0 81.8





#65

1,4-Dichlorobenzene

Concen: 10.182 ug/L

RT: 11.210 min Scan# 3162

Delta R.T. 0.003 min

Lab File: VV035031.D

Acq: 06 Apr 2024 02:15

Instrument :

MSVOA_V

ClientSampleId :

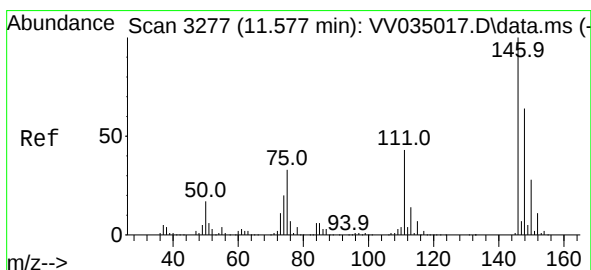
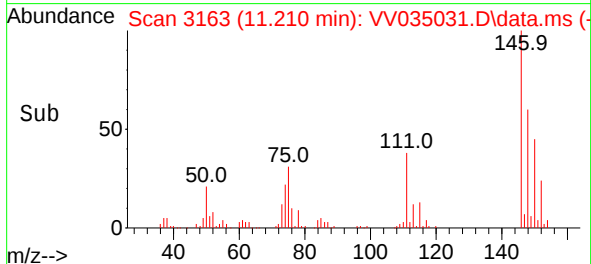
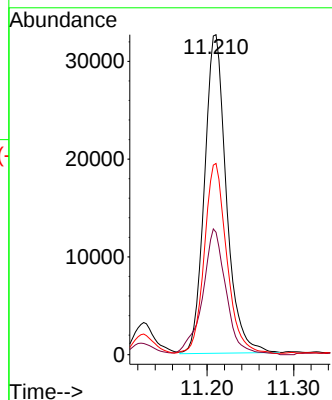
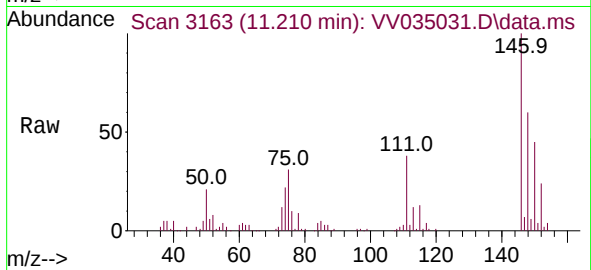
Tgt Ion:146 Resp: 57225

Ion Ratio Lower Upper

146 100

111 38.3 27.4 50.8

148 59.7 44.2 82.2



#67

1,2-Dichlorobenzene

Concen: 7.534 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. 0.000 min

Lab File: VV035031.D

Acq: 06 Apr 2024 02:15

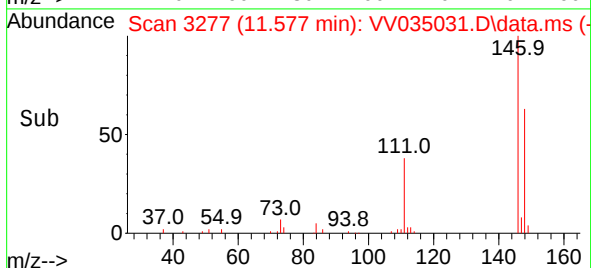
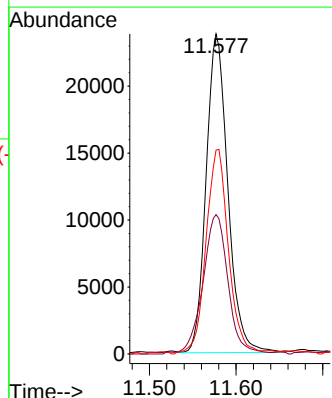
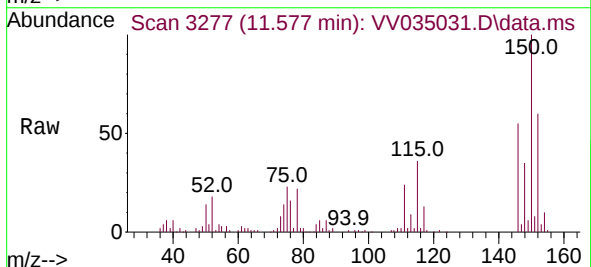
Tgt Ion:146 Resp: 41479

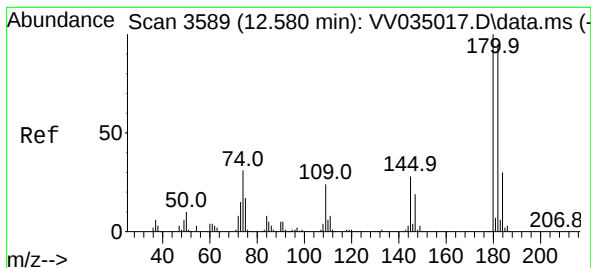
Ion Ratio Lower Upper

146 100

111 43.5 34.6 52.0

148 63.7 51.5 77.3





#69

1,3,5-Trichlorobenzene

Concen: 8.180 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.617 min

Lab File: VV035031.D

Acq: 06 Apr 2024 02:15

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 32582

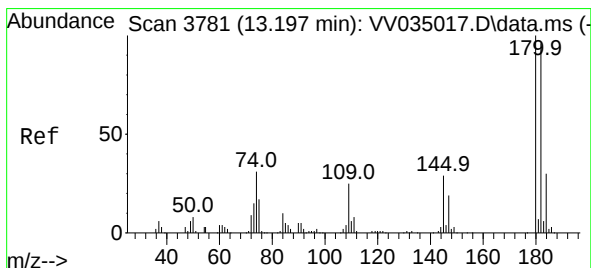
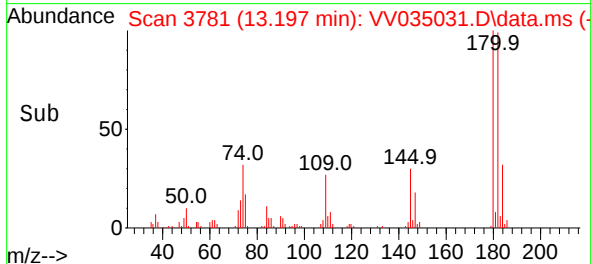
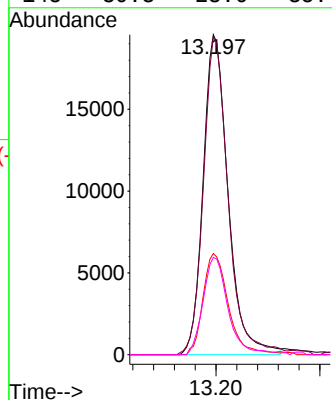
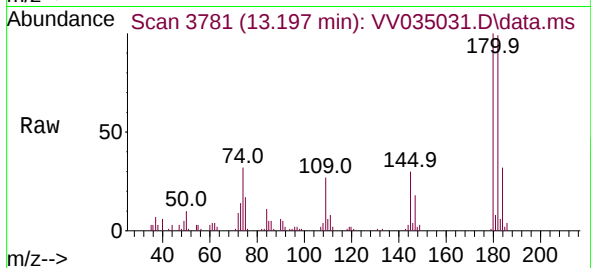
Ion Ratio Lower Upper

180 100

182 97.3 74.7 112.1

184 32.0 24.0 36.0

145 30.3 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 8.905 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.000 min

Lab File: VV035031.D

Acq: 06 Apr 2024 02:15

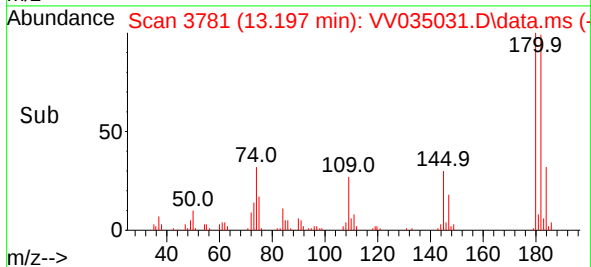
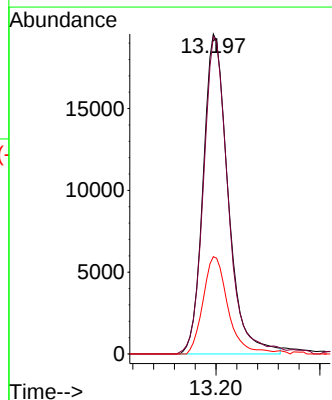
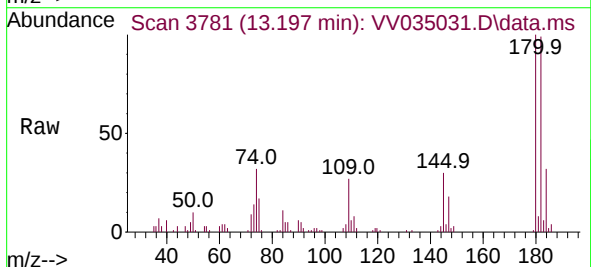
Tgt Ion:180 Resp: 32582

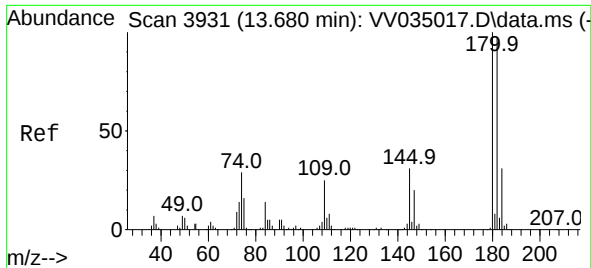
Ion Ratio Lower Upper

180 100

182 97.3 75.6 113.4

145 30.3 24.1 36.1





#72

1,2,3-Trichlorobenzene

Concen: 2.932 ug/L

RT: 13.683 min Scan# 3932

Delta R.T. 0.003 min

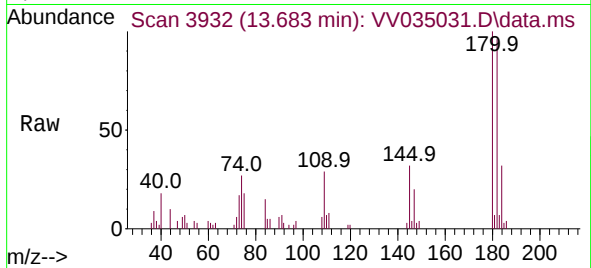
Lab File: VV035031.D

Acq: 06 Apr 2024 02:15

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 10574

Ion Ratio Lower Upper

180 100

182 100.5 76.2 114.2

145 32.1 25.8 38.6

