

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042324\
 Data File : VV035365.D
 Acq On : 23 Apr 2024 17:06
 Operator : SY/MD
 Sample : P2182-10 200X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 23 23:30:46 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)

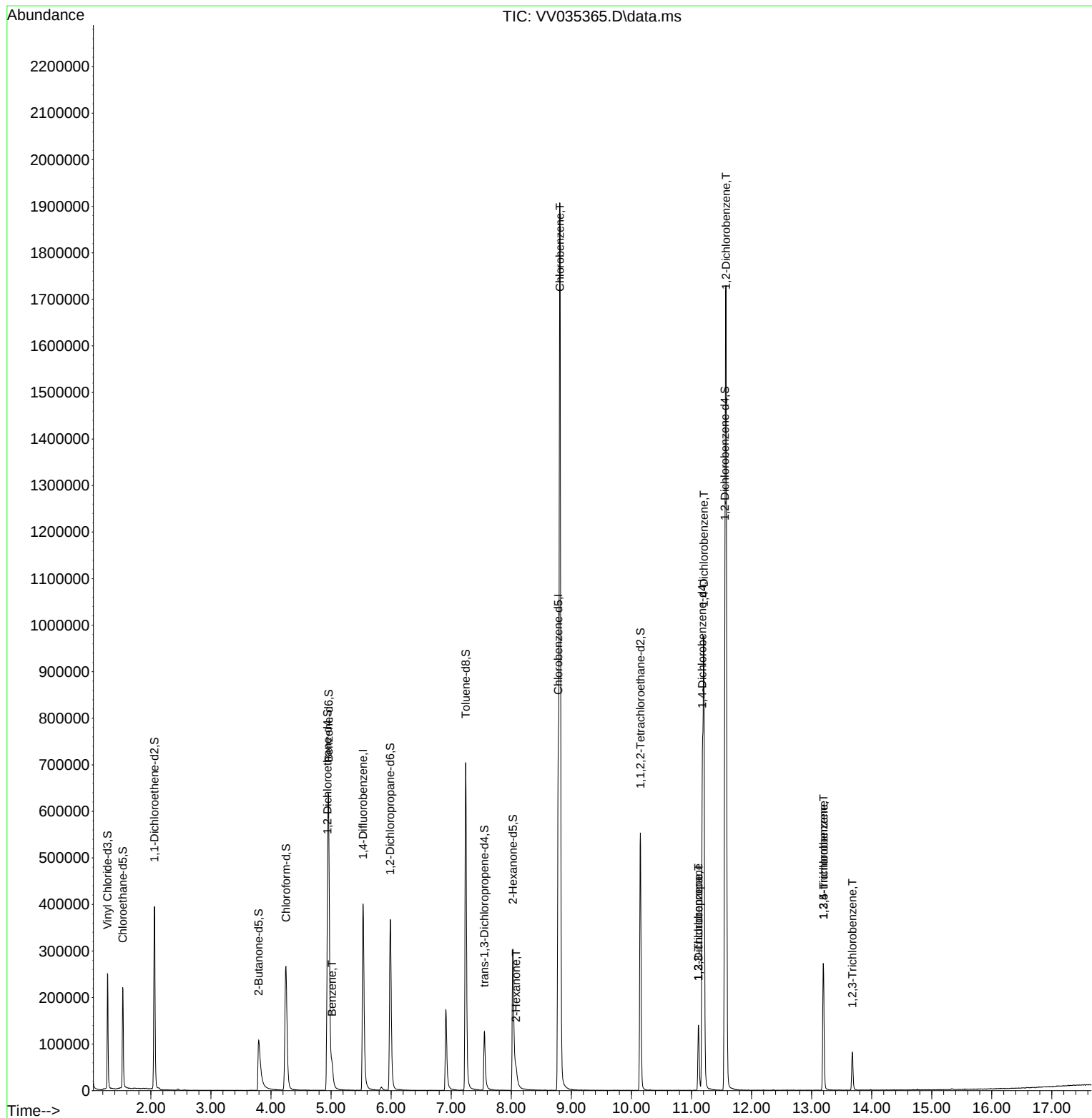
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	369278	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	370751	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	180041	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	165705	46.464	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	92.920%		
7) Chloroethane-d5	1.532	69	140630	45.400	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	90.800%		
11) 1,1-Dichloroethene-d2	2.059	65	66813	42.738	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.480%		
21) 2-Butanone-d5	3.796	46	186573	88.210	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	88.210%		
24) Chloroform-d	4.249	84	295628	49.303	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.600%		
26) 1,2-Dichloroethane-d4	4.940	65	183522	48.208	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.420%		
32) Benzene-d6	4.960	84	585695	47.030	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.060%		
36) 1,2-Dichloropropane-d6	5.985	67	192547	48.689	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.380%		
41) Toluene-d8	7.243	98	485446	43.283	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.560%		
43) trans-1,3-Dichloroprop...	7.554	79	79365	41.281	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	82.560%		
47) 2-Hexanone-d5	8.027	63	107440	71.857	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	71.860%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	266749	48.982	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	97.960%		
66) 1,2-Dichlorobenzene-d4	11.557	152	209670	51.869	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	103.740%		
Target Compounds						Qvalue
33) Benzene	5.014	78	55174	4.564	ug/L	100
48) 2-Hexanone	8.082	43	26114	7.198	ug/L #	94
51) Chlorobenzene	8.808	112	1021412	124.512	ug/L	99
61) 1,2,3-Trichloropropane	11.117	75	16721	4.286	ug/L #	51
64) 1,3-Dichlorobenzene	11.117	146	58501	9.645	ug/L	95
65) 1,4-Dichlorobenzene	11.207	146	369705	59.937	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	619335	102.499	ug/L	99
69) 1,3,5-Trichlorobenzene	13.197	180	89412	20.454	ug/L	97
70) 1,2,4-trichlorobenzene	13.197	180	89412	22.267	ug/L	97
72) 1,2,3-Trichlorobenzene	13.680	180	27382	6.918	ug/L	99

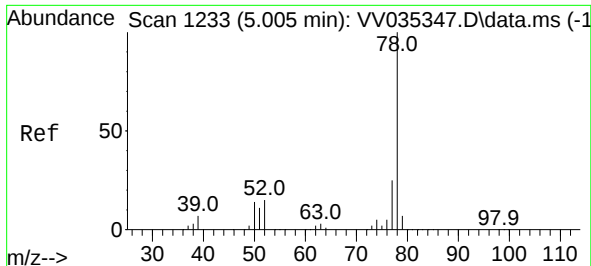
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Apr 23 23:26:51 2024
Response via : Initial Calibration





#33

Benzene

Concen: 4.564 ug/L

RT: 5.014 min Scan# 11

Delta R.T. 0.010 min

Lab File: VV035365.D

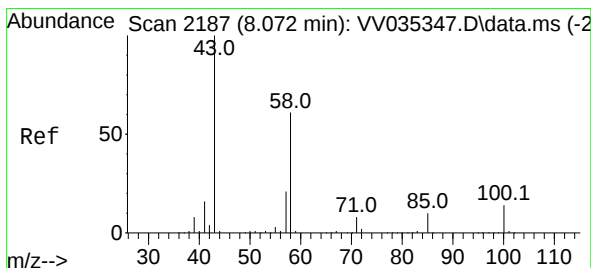
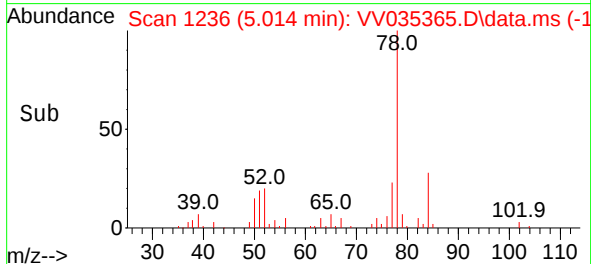
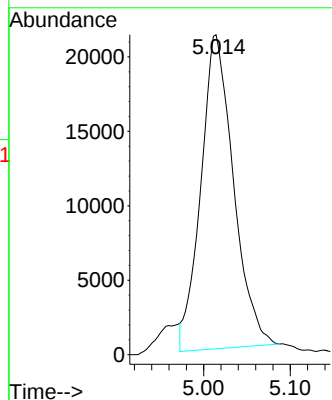
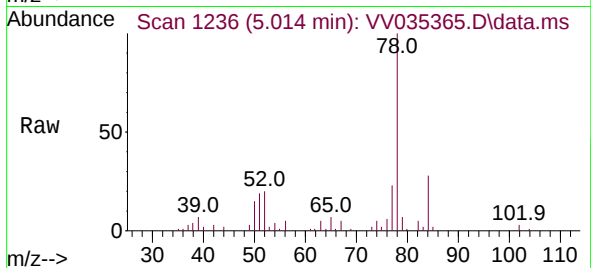
Acq: 23 Apr 2024 17:06

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 78 Resp: 55174



#48

2-Hexanone

Concen: 7.198 ug/L

RT: 8.082 min Scan# 2190

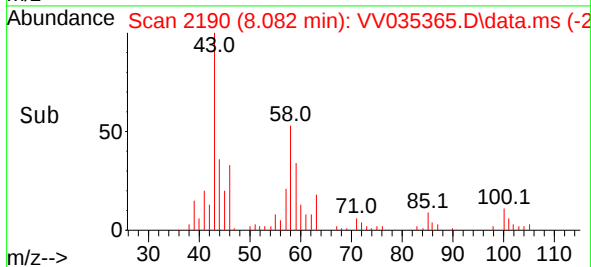
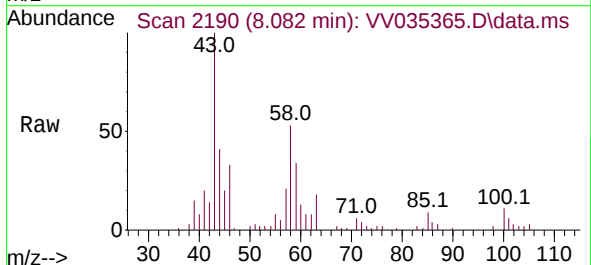
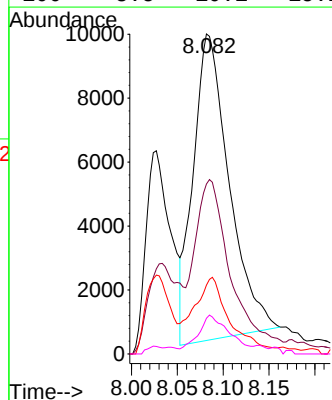
Delta R.T. 0.010 min

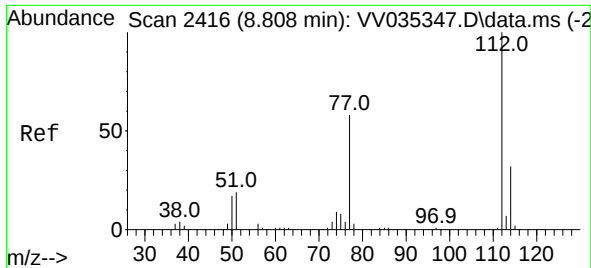
Lab File: VV035365.D

Acq: 23 Apr 2024 17:06

Tgt Ion: 43 Resp: 26114

Ion	Ratio	Lower	Upper
43	100		
58	52.4	45.4	68.2
57	21.1	16.2	24.4
100	8.5	10.1	15.1





#51

Chlorobenzene

Concen: 124.512 ug/L

RT: 8.808 min Scan# 2416

Delta R.T. -0.000 min

Lab File: VV035365.D

Acq: 23 Apr 2024 17:06

Instrument :

MSVOA_V

ClientSampleId :

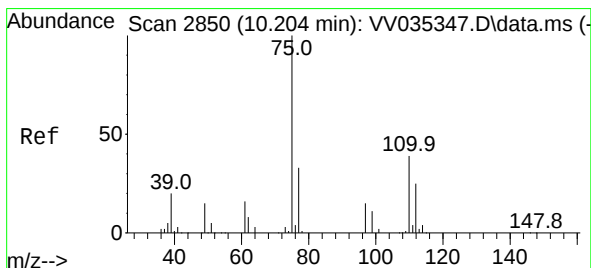
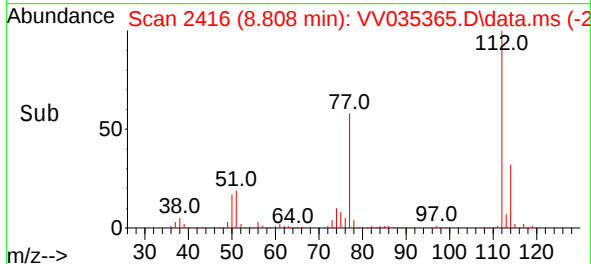
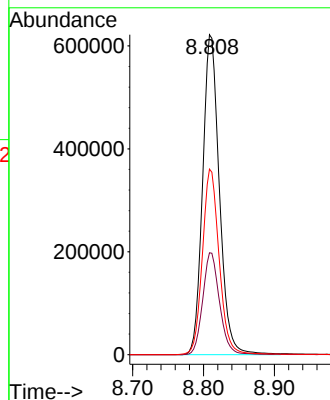
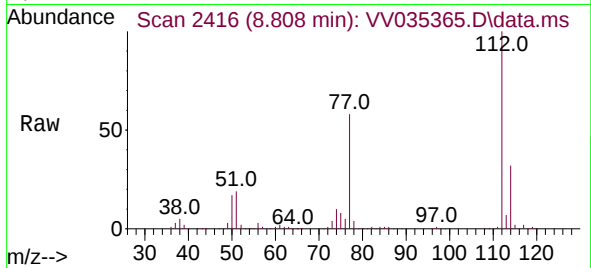
Tgt Ion:112 Resp: 1021412

Ion Ratio Lower Upper

112 100

114 31.9 22.0 41.0

77 58.0 47.4 71.2



#61

1,2,3-Trichloropropane

Concen: 4.286 ug/L

RT: 11.117 min Scan# 3134

Delta R.T. 0.913 min

Lab File: VV035365.D

Acq: 23 Apr 2024 17:06

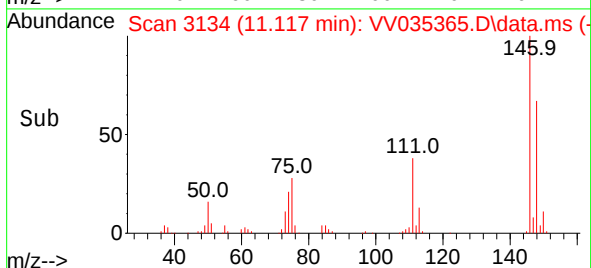
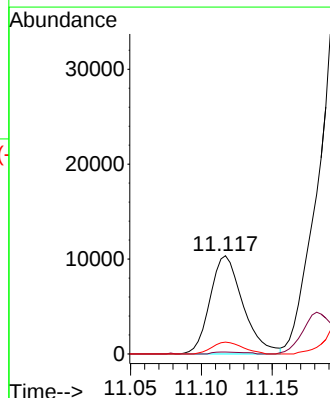
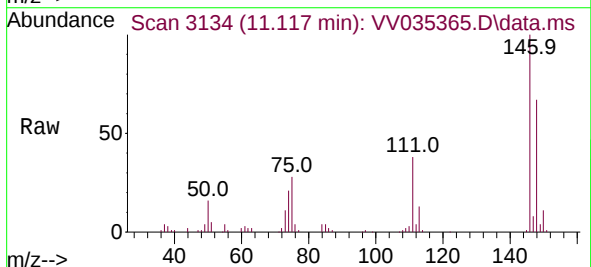
Tgt Ion: 75 Resp: 16721

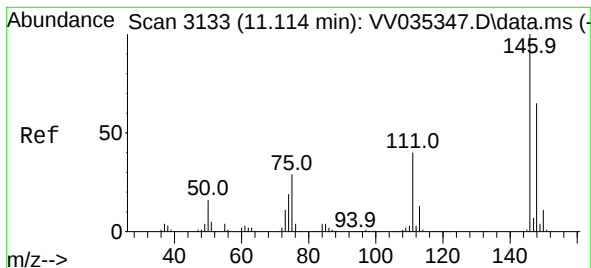
Ion Ratio Lower Upper

75 100

77 1.9 26.0 39.0#

110 11.2 30.5 45.7#





#64

1,3-Dichlorobenzene

Concen: 9.645 ug/L

RT: 11.117 min Scan# 3134

Delta R.T. 0.003 min

Lab File: VV035365.D

Acq: 23 Apr 2024 17:06

Instrument :

MSVOA_V

ClientSampleId :

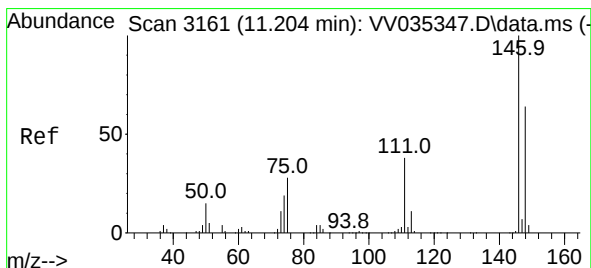
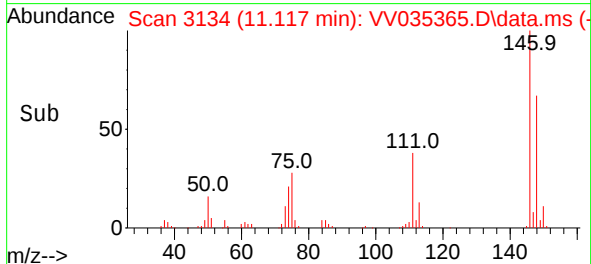
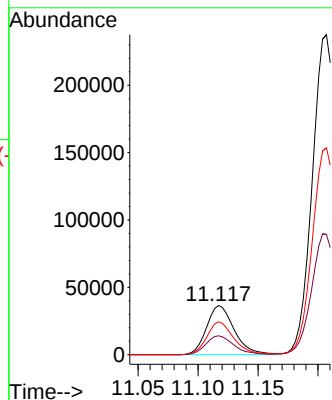
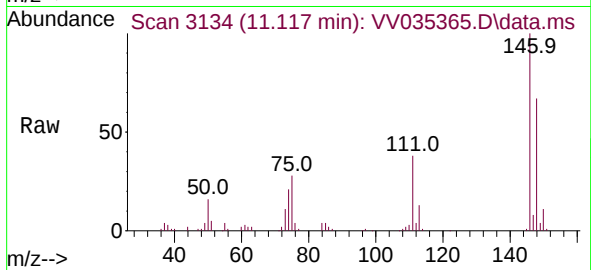
Tgt Ion:146 Resp: 58501

Ion Ratio Lower Upper

146 100

111 38.3 28.7 53.3

148 66.8 44.0 81.8



#65

1,4-Dichlorobenzene

Concen: 59.937 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. 0.003 min

Lab File: VV035365.D

Acq: 23 Apr 2024 17:06

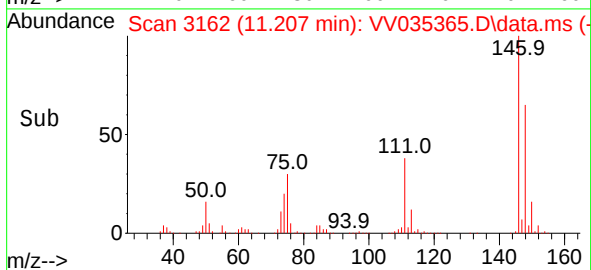
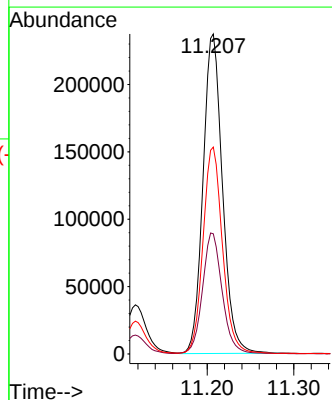
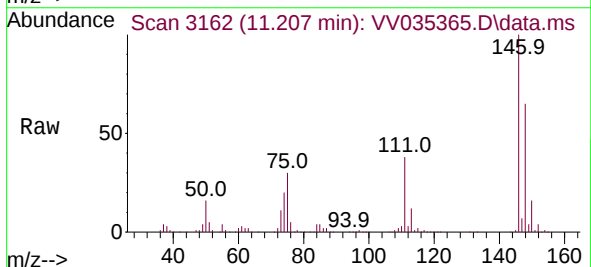
Tgt Ion:146 Resp: 369705

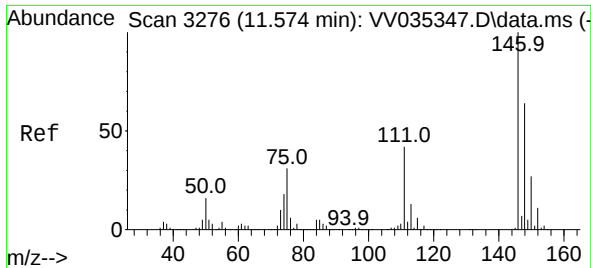
Ion Ratio Lower Upper

146 100

111 37.5 27.4 50.8

148 64.6 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 102.499 ug/L

RT: 11.577 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV035365.D

Acq: 23 Apr 2024 17:06

Instrument :

MSVOA_V

ClientSampleId :

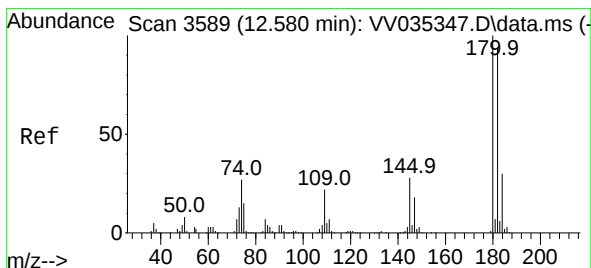
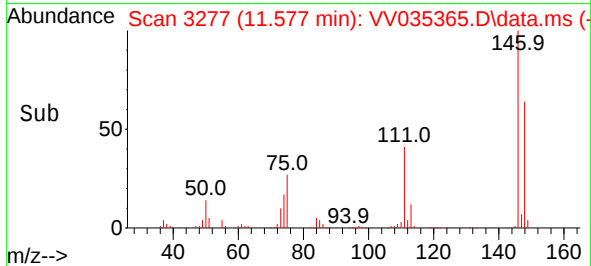
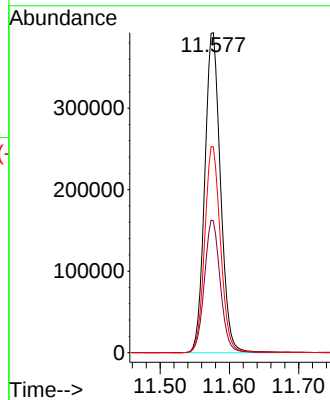
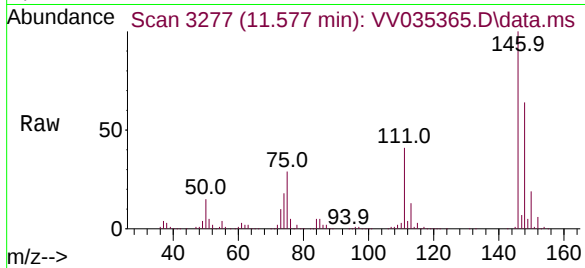
Tgt Ion:146 Resp: 619335

Ion Ratio Lower Upper

146 100

111 41.2 34.6 52.0

148 64.3 51.5 77.3



#69

1,3,5-Trichlorobenzene

Concen: 20.454 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.617 min

Lab File: VV035365.D

Acq: 23 Apr 2024 17:06

Tgt Ion:180 Resp: 89412

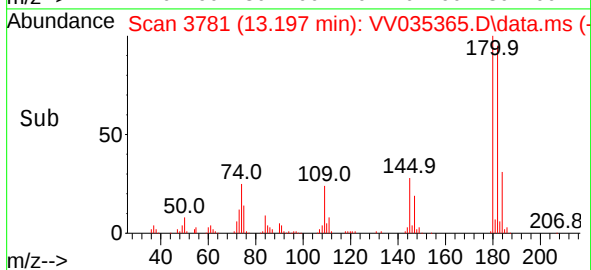
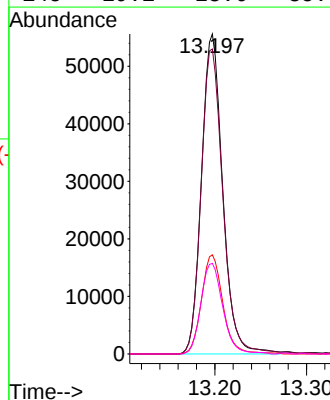
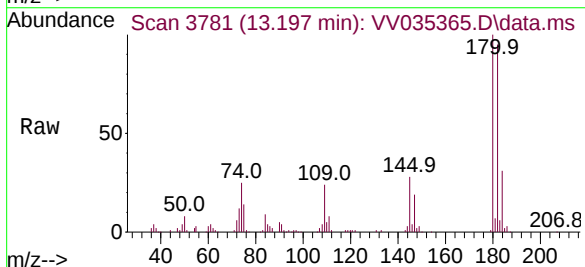
Ion Ratio Lower Upper

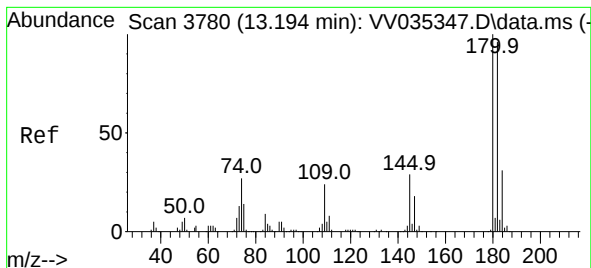
180 100

182 97.2 74.7 112.1

184 31.3 24.0 36.0

145 29.1 23.6 35.4





#70

1,2,4-trichlorobenzene

Concen: 22.267 ug/L

RT: 13.197 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV035365.D

Acq: 23 Apr 2024 17:06

Instrument :

MSVOA_V

ClientSampleId :

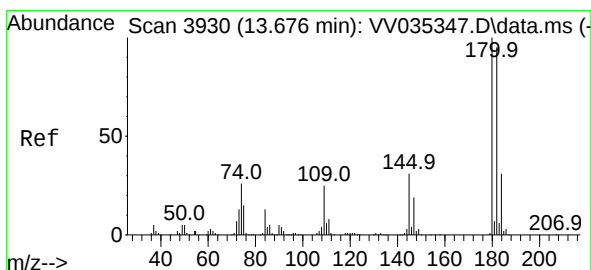
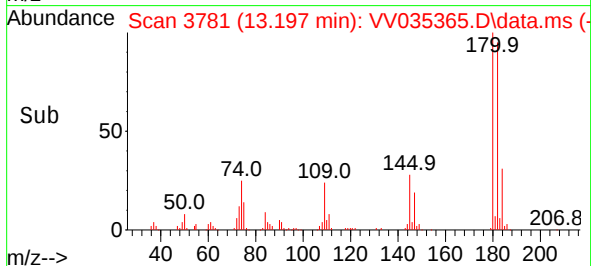
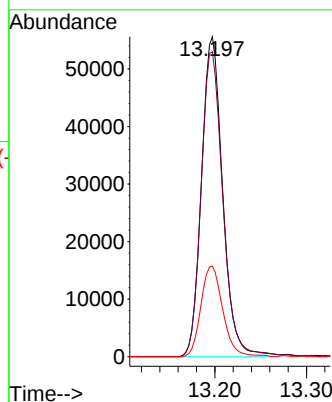
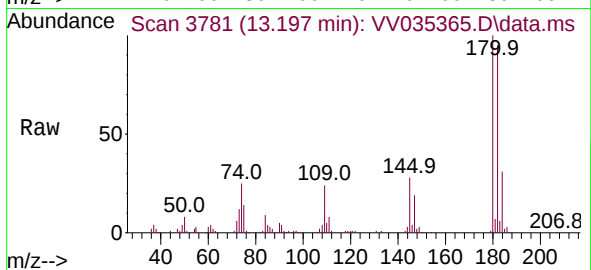
Tgt Ion:180 Resp: 89412

Ion Ratio Lower Upper

180 100

182 97.2 75.6 113.4

145 29.1 24.1 36.1



#72

1,2,3-Trichlorobenzene

Concen: 6.918 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. 0.003 min

Lab File: VV035365.D

Acq: 23 Apr 2024 17:06

Tgt Ion:180 Resp: 27382

Ion Ratio Lower Upper

180 100

182 95.3 76.2 114.2

145 30.8 25.8 38.6

