

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032124\
 Data File : VV034789.D
 Acq On : 21 Mar 2024 15:12
 Operator : SY/MD
 Sample : P1757-05 100X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 22 02:03:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 22 01:59:49 2024
 Response via : Initial Calibration

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

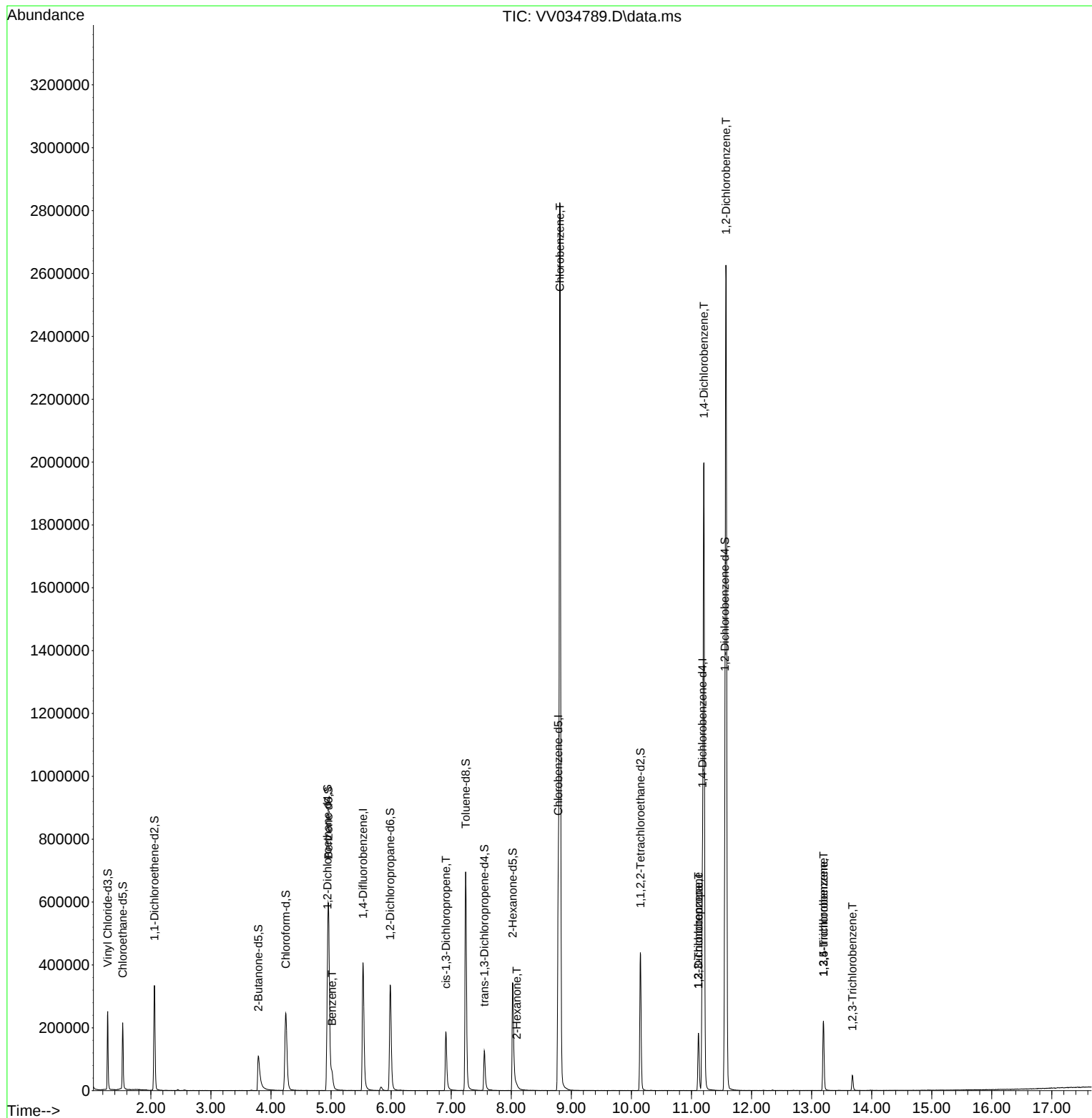
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	348137	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	330845	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	163060	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	155694	51.589	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 103.180%			
7) Chloroethane-d5	1.532	69	125583	53.412	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 106.820%			
11) 1,1-Dichloroethene-d2	2.059	65	58402	42.789	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 85.580%			
21) 2-Butanone-d5	3.789	46	191278	94.775	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 94.770%			
24) Chloroform-d	4.246	84	265441	49.744	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.480%			
26) 1,2-Dichloroethane-d4	4.940	65	180897	51.877	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.760%			
32) Benzene-d6	4.956	84	524453	52.524	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.040%			
36) 1,2-Dichloropropane-d6	5.985	67	161177	52.893	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 105.780%			
41) Toluene-d8	7.243	98	463556	51.301	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.600%			
43) trans-1,3-Dichloroprop...	7.551	79	75933	49.622	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 99.240%			
47) 2-Hexanone-d5	8.024	63	120685	79.312	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 79.310%			
56) 1,1,2,2-Tetrachloroeth...	10.149	84	203825	50.828	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 101.660%			
66) 1,2-Dichlorobenzene-d4	11.557	152	178356	53.512	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 107.020%			
Target Compounds					Qvalue	
33) Benzene	5.014	78	60504	5.892	ug/L	100
39) cis-1,3-Dichloropropene	6.915	75	5372	1.233	ug/L #	58
48) 2-Hexanone	8.091	43	12216	3.867	ug/L #	83
51) Chlorobenzene	8.812	112	1442693	205.327	ug/L	100
61) 1,2,3-Trichloropropane	11.117	75	22202	7.133	ug/L #	48
64) 1,3-Dichlorobenzene	11.117	146	73652	13.813	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	754134	139.273	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	950528	177.902	ug/L	99
69) 1,3,5-Trichlorobenzene	13.197	180	64275	16.068	ug/L	96
70) 1,2,4-trichlorobenzene	13.197	180	64275	17.858	ug/L	96
72) 1,2,3-Trichlorobenzene	13.680	180	13998	3.987	ug/L	92

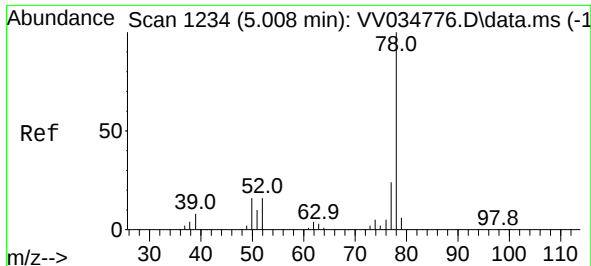
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
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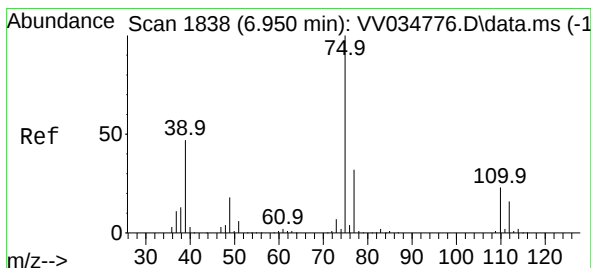
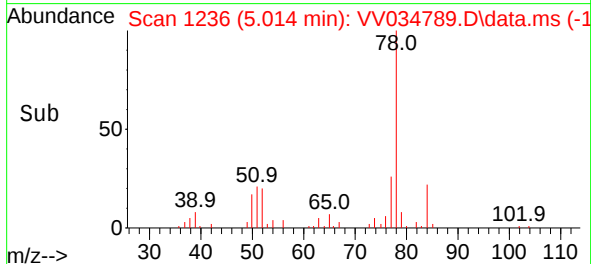
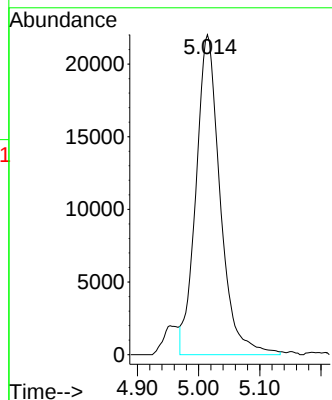
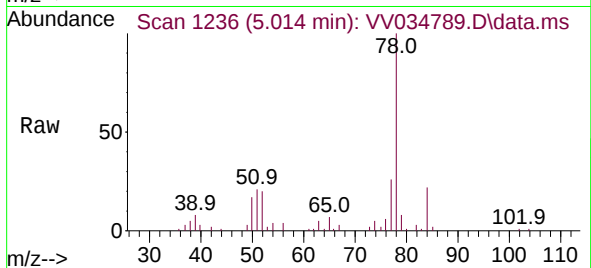




#33
Benzene
Concen: 5.892 ug/L
RT: 5.014 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV034789.D
Acq: 21 Mar 2024 15:12

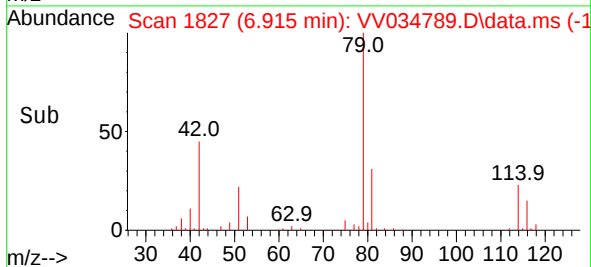
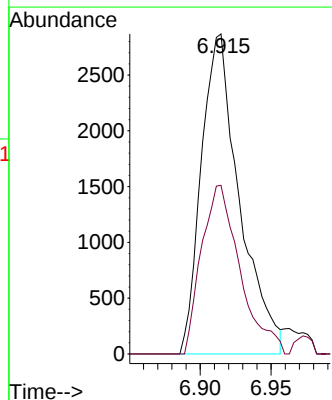
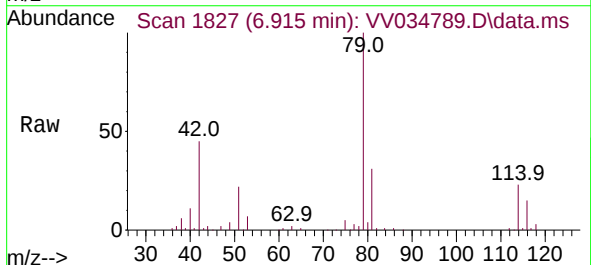
Instrument :
MSVOA_V
ClientSampleId :

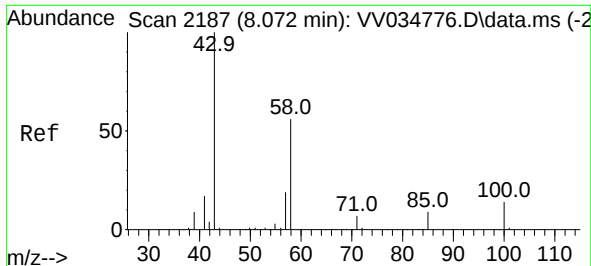
Tgt Ion: 78 Resp: 60504



#39
cis-1,3-Dichloropropene
Concen: 1.233 ug/L
RT: 6.915 min Scan# 1827
Delta R.T. -0.035 min
Lab File: VV034789.D
Acq: 21 Mar 2024 15:12

Tgt Ion: 75 Resp: 5372
Ion Ratio Lower Upper
75 100
77 52.7 20.9 38.9#





#48

2-Hexanone

Concen: 3.867 ug/L

RT: 8.091 min Scan# 2187

Delta R.T. 0.019 min

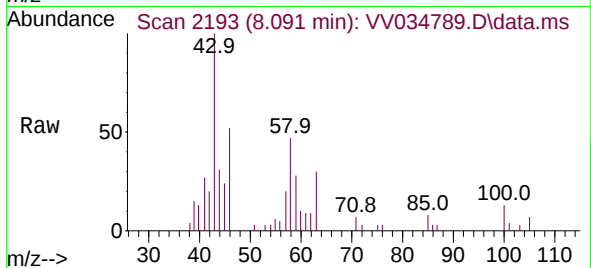
Lab File: VV034789.D

Acq: 21 Mar 2024 15:12

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 12216

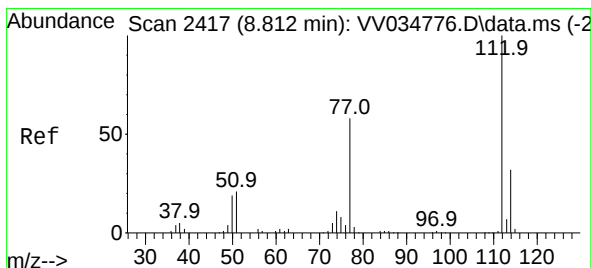
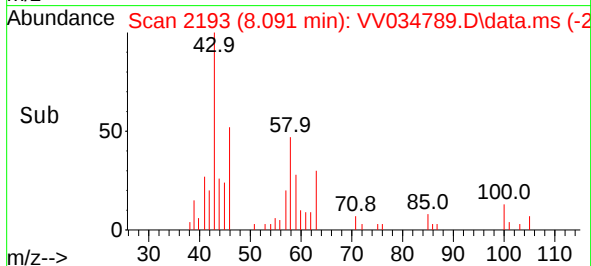
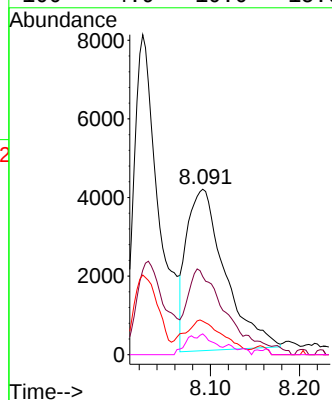
Ion Ratio Lower Upper

43 100

58 36.4 42.0 63.0#

57 18.5 15.2 22.8

100 4.9 10.0 15.0#



#51

Chlorobenzene

Concen: 205.327 ug/L

RT: 8.812 min Scan# 2417

Delta R.T. 0.000 min

Lab File: VV034789.D

Acq: 21 Mar 2024 15:12

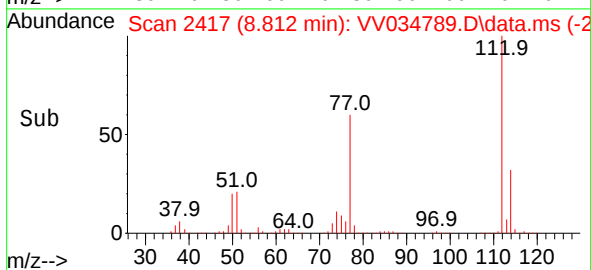
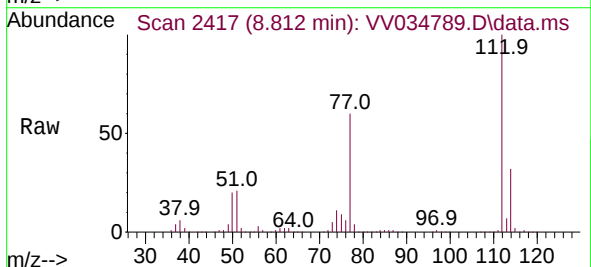
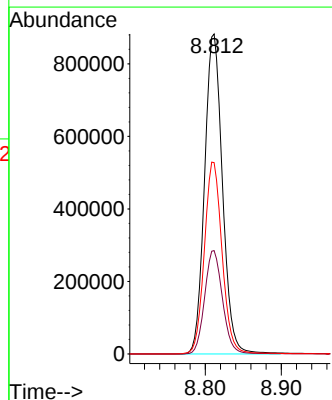
Tgt Ion:112 Resp: 1442693

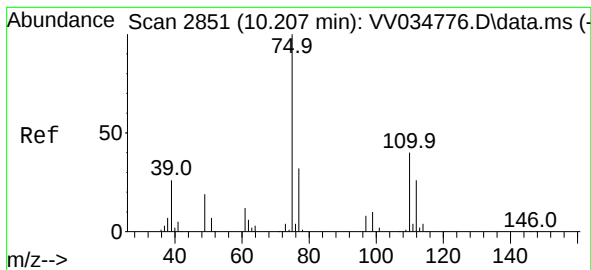
Ion Ratio Lower Upper

112 100

114 32.3 22.3 41.5

77 59.8 47.7 71.5





#61

1,2,3-Trichloropropane

Concen: 7.133 ug/L

RT: 11.117 min Scan# 3134

Delta R.T. 0.910 min

Lab File: VV034789.D

Acq: 21 Mar 2024 15:12

Instrument :

MSVOA_V

ClientSampleId :

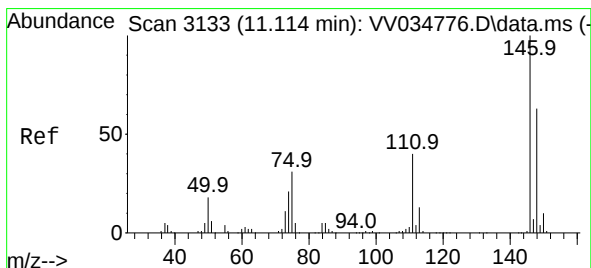
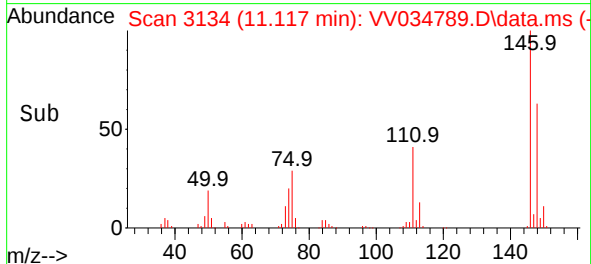
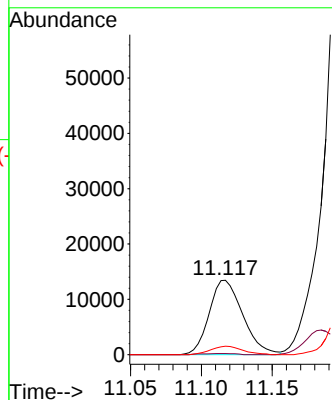
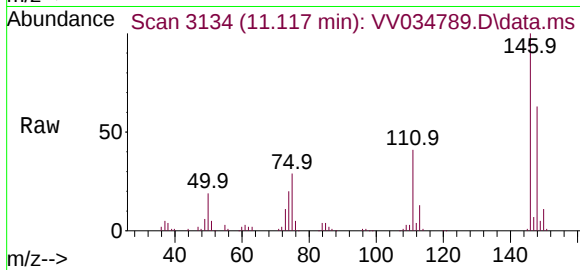
Tgt Ion: 75 Resp: 22202

Ion Ratio Lower Upper

75 100

77 1.1 25.9 38.9#

110 10.7 33.1 49.7#



#64

1,3-Dichlorobenzene

Concen: 13.813 ug/L

RT: 11.117 min Scan# 3134

Delta R.T. 0.003 min

Lab File: VV034789.D

Acq: 21 Mar 2024 15:12

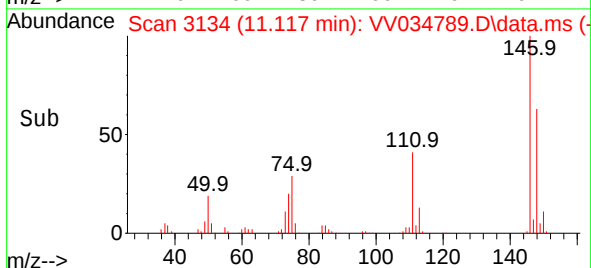
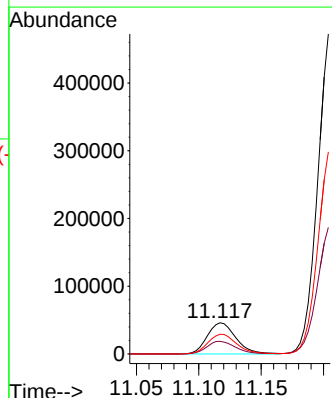
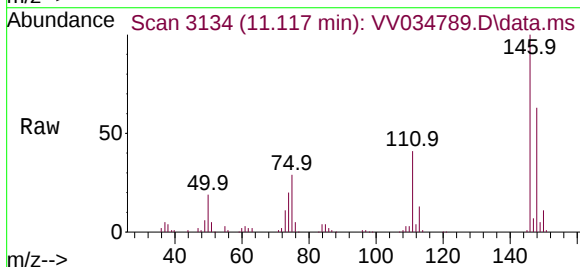
Tgt Ion:146 Resp: 73652

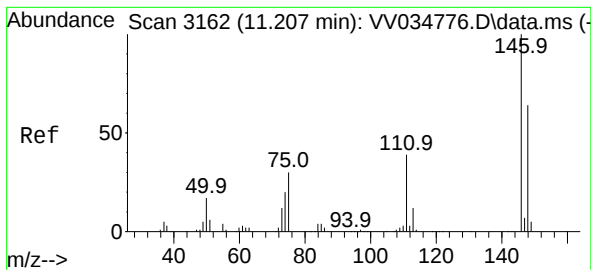
Ion Ratio Lower Upper

146 100

111 40.7 27.9 51.7

148 63.1 44.2 82.0





#65

1,4-Dichlorobenzene

Concen: 139.273 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. 0.000 min

Lab File: VV034789.D

Acq: 21 Mar 2024 15:12

Instrument :

MSVOA_V

ClientSampleId :

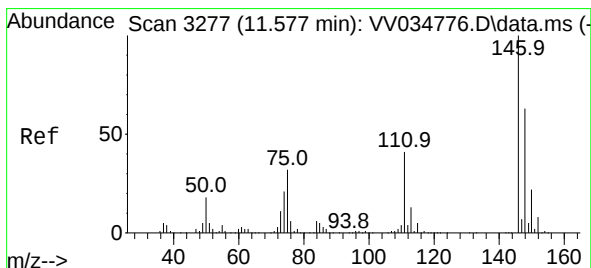
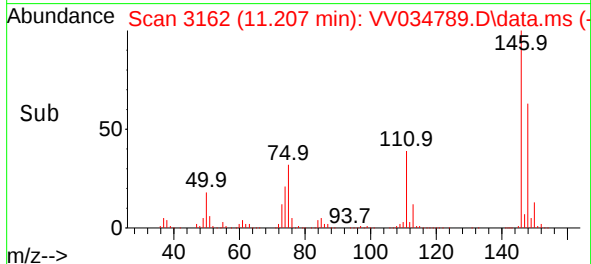
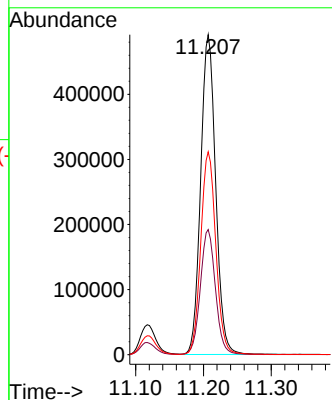
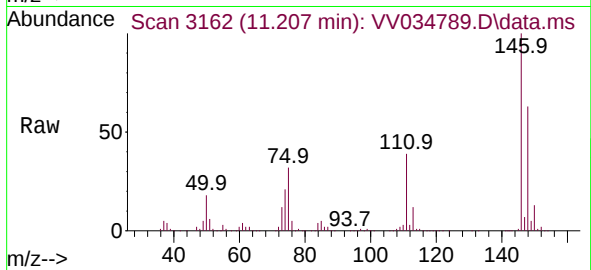
Tgt Ion:146 Resp: 754134

Ion Ratio Lower Upper

146 100

111 39.1 26.5 49.1

148 63.4 44.0 81.8



#67

1,2-Dichlorobenzene

Concen: 177.902 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. 0.000 min

Lab File: VV034789.D

Acq: 21 Mar 2024 15:12

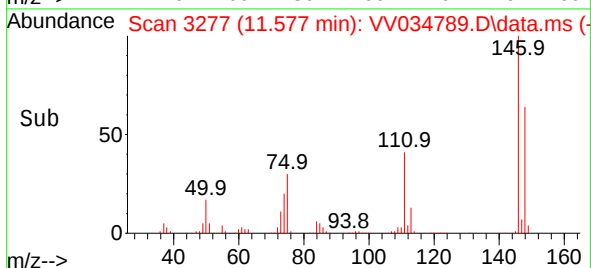
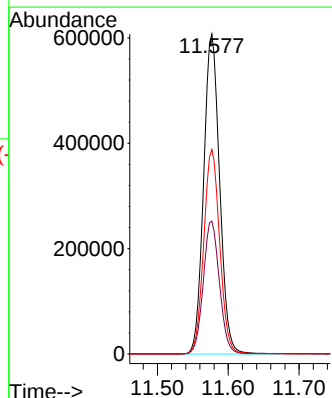
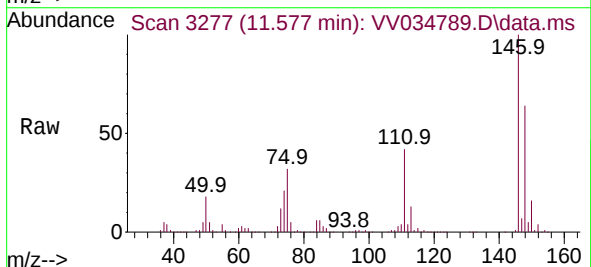
Tgt Ion:146 Resp: 950528

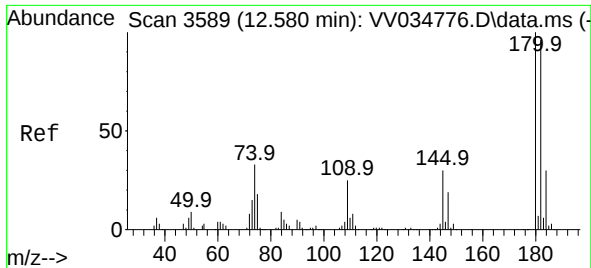
Ion Ratio Lower Upper

146 100

111 41.5 33.8 50.8

148 63.9 51.3 76.9





#69

1,3,5-Trichlorobenzene

Concen: 16.068 ug/L

RT: 13.197 min Scan# 3

Delta R.T. 0.617 min

Lab File: VV034789.D

Acq: 21 Mar 2024 15:12

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 64275

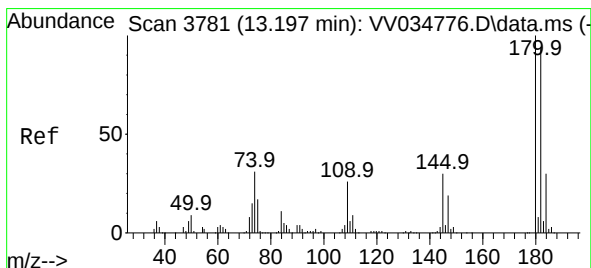
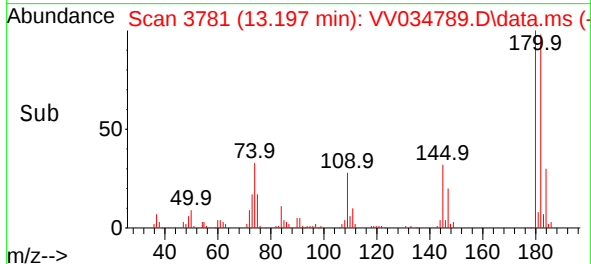
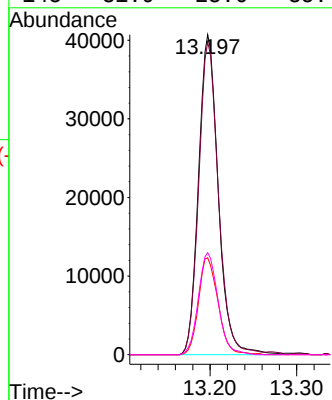
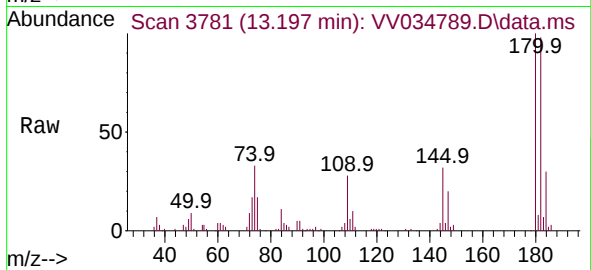
Ion Ratio Lower Upper

180 100

182 97.5 74.6 112.0

184 30.0 23.6 35.4

145 31.9 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 17.858 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.000 min

Lab File: VV034789.D

Acq: 21 Mar 2024 15:12

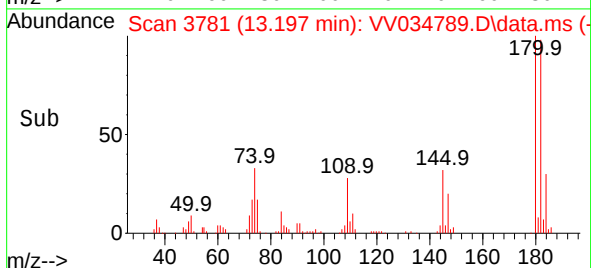
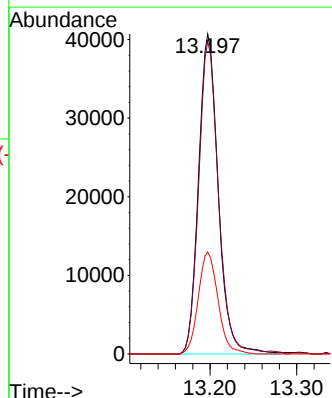
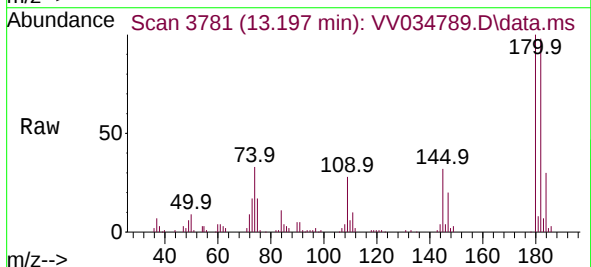
Tgt Ion:180 Resp: 64275

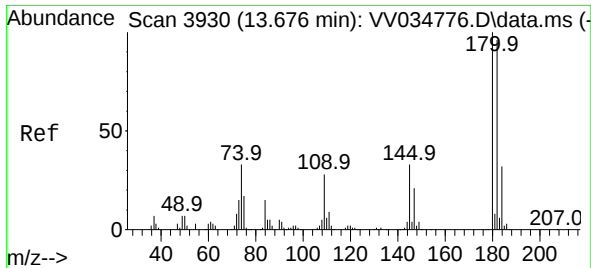
Ion Ratio Lower Upper

180 100

182 97.5 74.8 112.2

145 31.9 24.2 36.4





#72

1,2,3-Trichlorobenzene

Concen: 3.987 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. 0.003 min

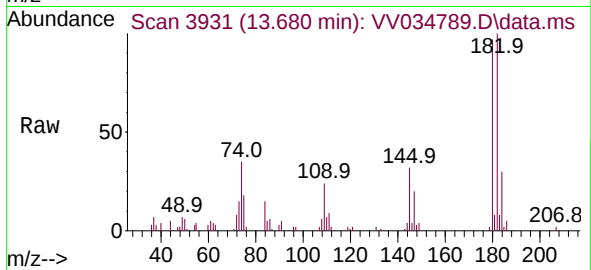
Lab File: VV034789.D

Acq: 21 Mar 2024 15:12

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 13998

Ion Ratio Lower Upper

180 100

182 104.9 75.9 113.9

145 32.6 25.5 38.3

