

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020224\
 Data File : VW033968.D
 Acq On : 02 Feb 2024 14:28
 Operator : SY/MD
 Sample : P1348-03
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 03 03:36:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Feb 03 01:42:15 2024
 Response via : Initial Calibration

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

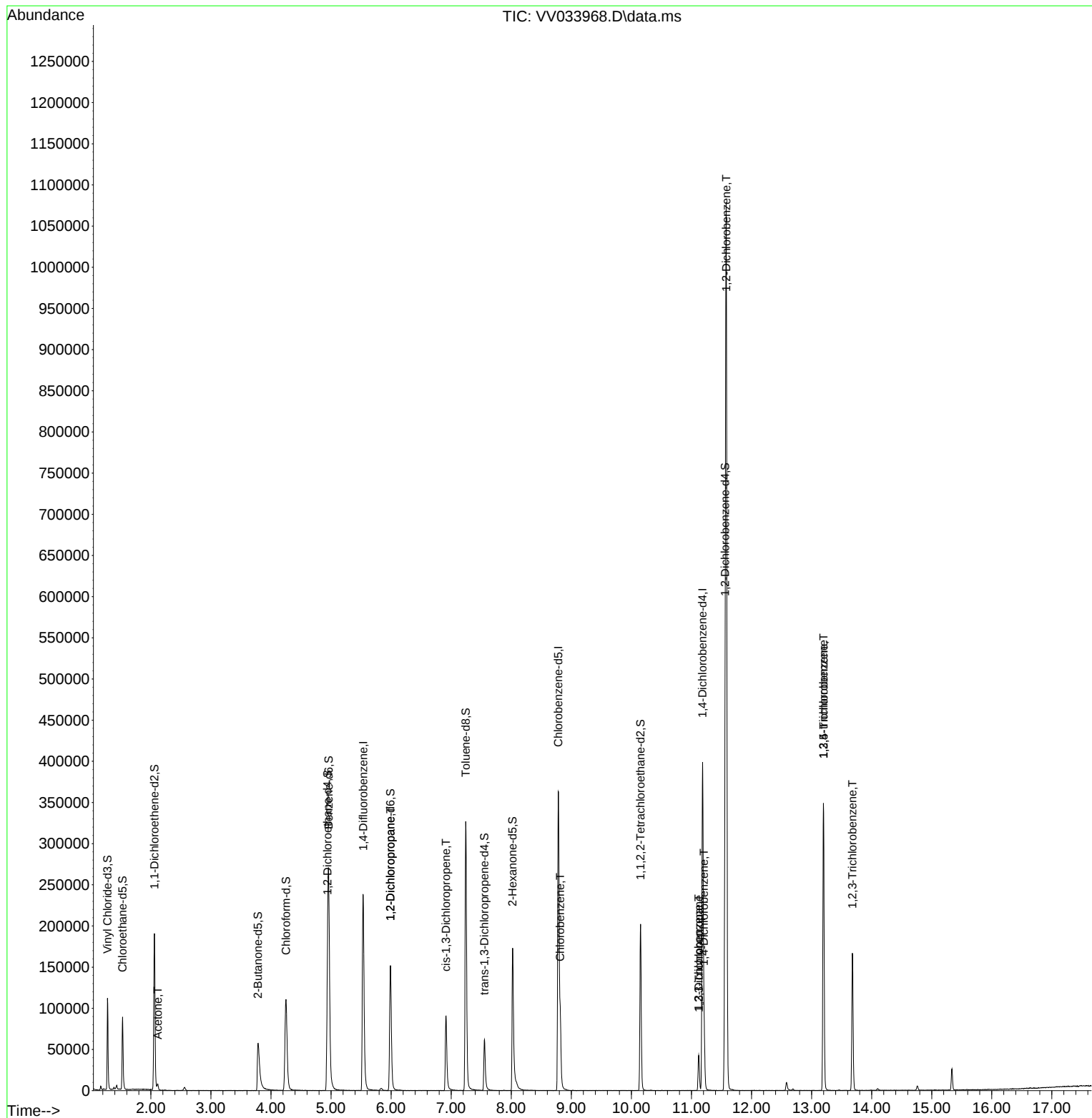
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	205171	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	192520	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	96933	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	72286	45.842	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	91.680%		
7) Chloroethane-d5	1.529	69	56787	45.476	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	90.960%		
11) 1,1-Dichloroethene-d2	2.060	65	32049	47.227	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	94.460%		
21) 2-Butanone-d5	3.783	46	82342	76.132	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	76.130%		
24) Chloroform-d	4.249	84	117320	41.609	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	83.220%		
26) 1,2-Dichloroethane-d4	4.941	65	81787	44.894	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.780%		
32) Benzene-d6	4.960	84	233923	42.740	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.480%		
36) 1,2-Dichloropropane-d6	5.989	67	70203	38.967	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	77.940%		
41) Toluene-d8	7.243	98	214094	43.414	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.820%		
43) trans-1,3-Dichloroprop...	7.555	79	37202	41.782	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.560%		
47) 2-Hexanone-d5	8.021	63	57742	77.267	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	77.270%		
56) 1,1,2,2-Tetrachloroeth...	10.153	84	91472	39.771	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	79.540%		
66) 1,2-Dichlorobenzene-d4	11.561	152	85382	46.426	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.860%		
Target Compounds						Qvalue
13) Acetone	2.114	43	6882	6.655	ug/L	96
37) 1,2-Dichloropropane	5.989	63	8728	5.609	ug/L #	88
39) cis-1,3-Dichloropropene	6.915	75	2551	0.982	ug/L #	60
51) Chlorobenzene	8.815	112	47730	12.536	ug/L	99
61) 1,2,3-Trichloropropane	11.124	75	5267	3.062	ug/L #	49
64) 1,3-Dichlorobenzene	11.120	146	16147	5.451	ug/L	94
65) 1,4-Dichlorobenzene	11.210	146	27649	9.308	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	377051	130.261	ug/L	98
69) 1,3,5-Trichlorobenzene	13.198	180	96632	44.142	ug/L	99
70) 1,2,4-trichlorobenzene	13.198	180	96632	48.634	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	47692	25.716	ug/L	97

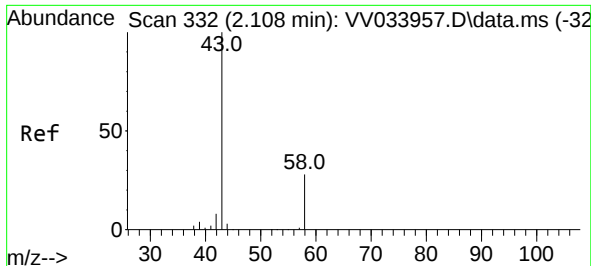
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Operator : SY/MD
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Feb 03 01:42:15 2024
Response via : Initial Calibration





#13

Acetone

Concen: 6.655 ug/L

RT: 2.114 min Scan# 31

Delta R.T. 0.007 min

Lab File: VV033968.D

Acq: 02 Feb 2024 14:28

Instrument :

MSVOA_V

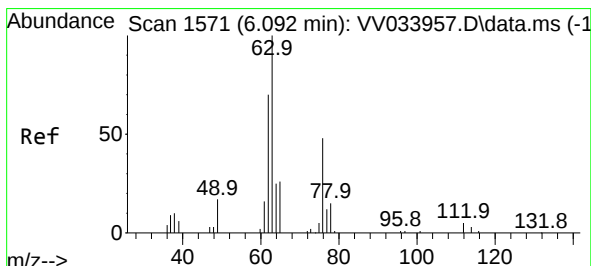
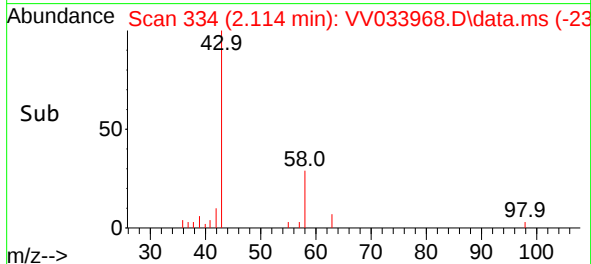
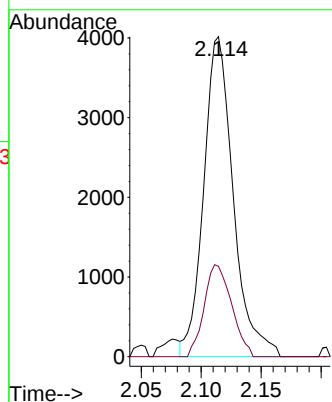
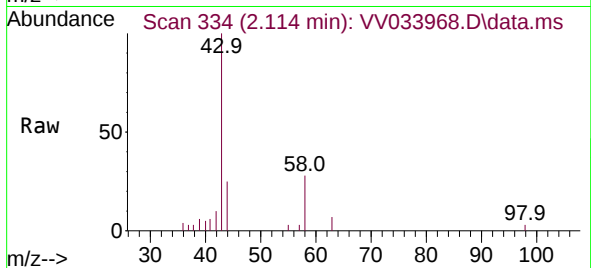
ClientSampleId :

Tgt Ion: 43 Resp: 6882

Ion Ratio Lower Upper

43 100

58 26.6 0.0 57.2



#37

1,2-Dichloropropane

Concen: 5.609 ug/L

RT: 5.989 min Scan# 1539

Delta R.T. -0.103 min

Lab File: VV033968.D

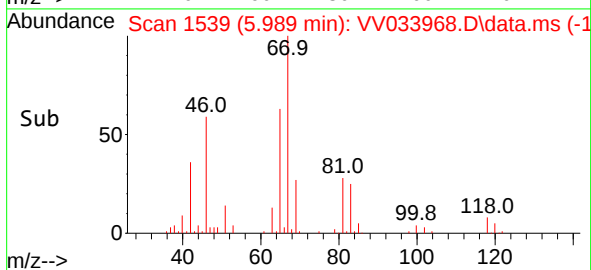
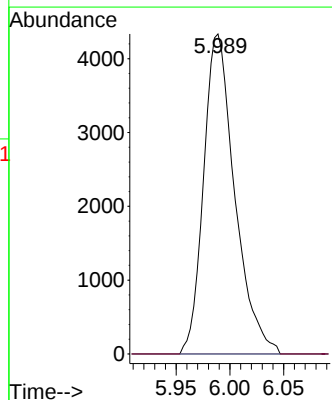
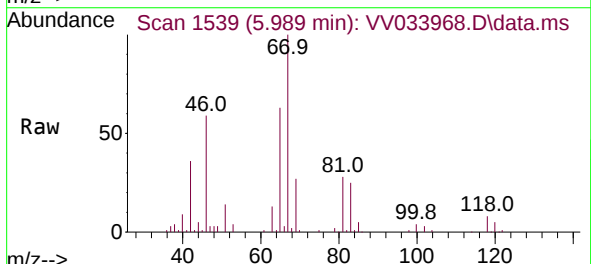
Acq: 02 Feb 2024 14:28

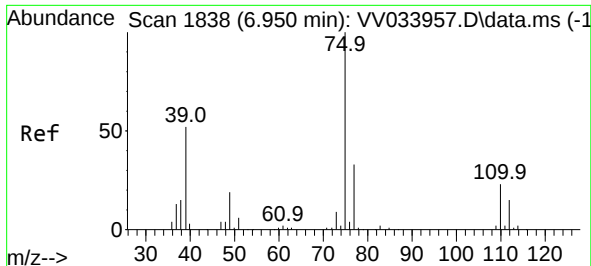
Tgt Ion: 63 Resp: 8728

Ion Ratio Lower Upper

63 100

112 0.0 3.1 4.7#





#39

cis-1,3-Dichloropropene

Concen: 0.982 ug/L

RT: 6.915 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV033968.D

Acq: 02 Feb 2024 14:28

Instrument :

MSVOA_V

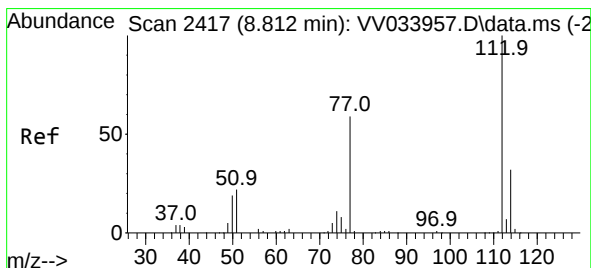
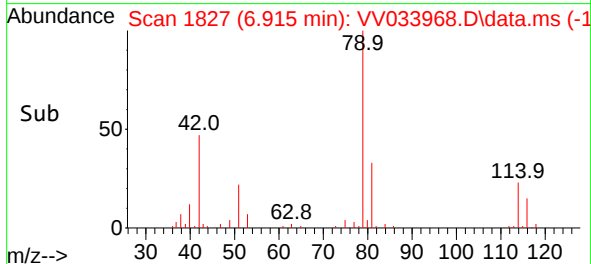
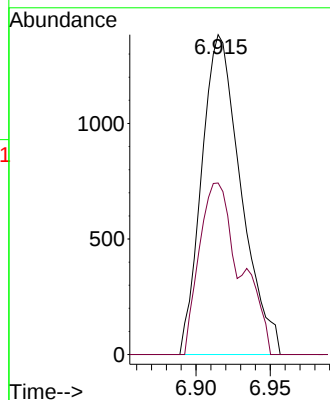
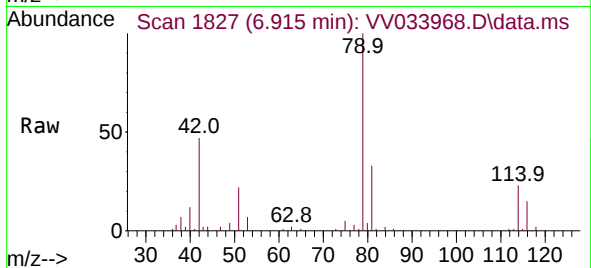
ClientSampleId :

Tgt Ion: 75 Resp: 2551

Ion Ratio Lower Upper

75 100

77 53.6 22.0 41.0#



#51

Chlorobenzene

Concen: 12.536 ug/L

RT: 8.815 min Scan# 2418

Delta R.T. 0.003 min

Lab File: VV033968.D

Acq: 02 Feb 2024 14:28

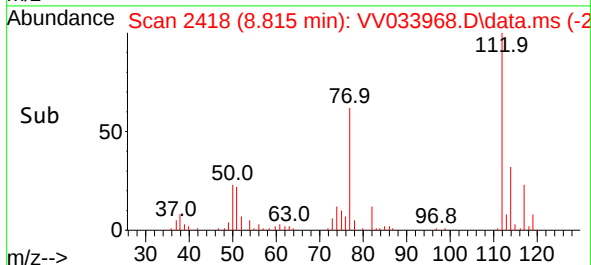
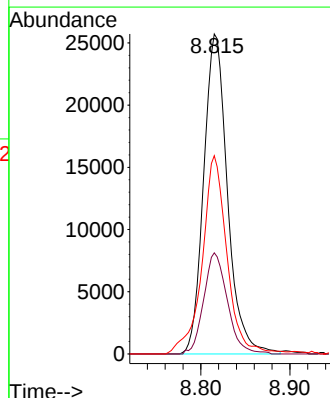
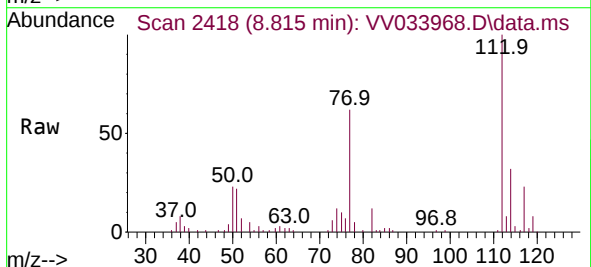
Tgt Ion: 112 Resp: 47730

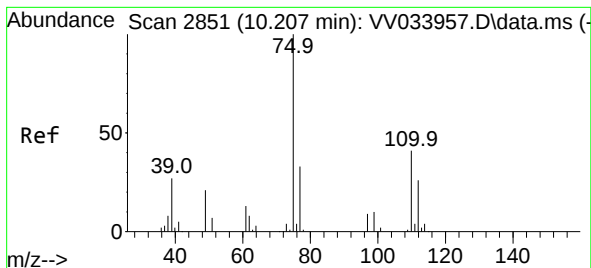
Ion Ratio Lower Upper

112 100

114 31.6 22.5 41.7

77 61.9 49.4 74.0





#61

1,2,3-Trichloropropane

Concen: 3.062 ug/L

RT: 11.124 min Scan# 3136

Delta R.T. 0.916 min

Lab File: VV033968.D

Acq: 02 Feb 2024 14:28

Instrument :

MSVOA_V

ClientSampleId :

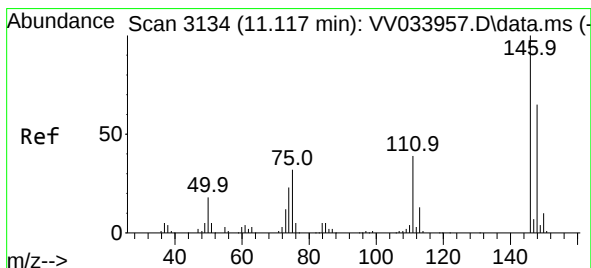
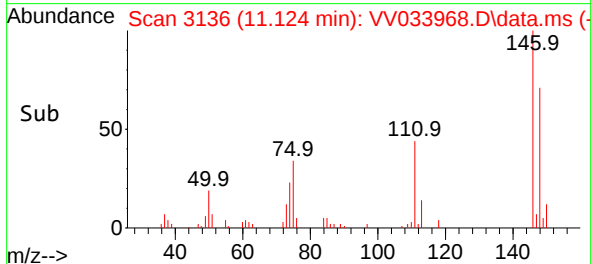
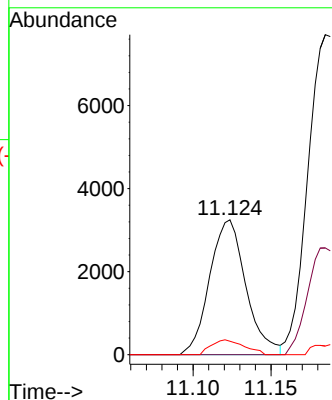
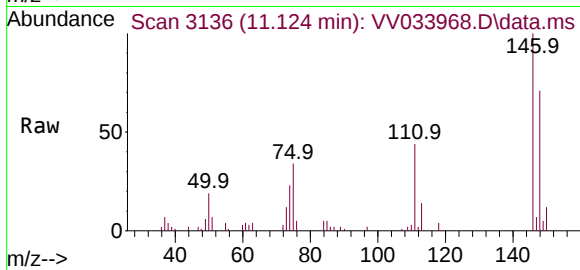
Tgt Ion: 75 Resp: 5267

Ion Ratio Lower Upper

75 100

77 0.0 25.3 37.9#

110 10.0 29.5 44.3#



#64

1,3-Dichlorobenzene

Concen: 5.451 ug/L

RT: 11.120 min Scan# 3135

Delta R.T. 0.003 min

Lab File: VV033968.D

Acq: 02 Feb 2024 14:28

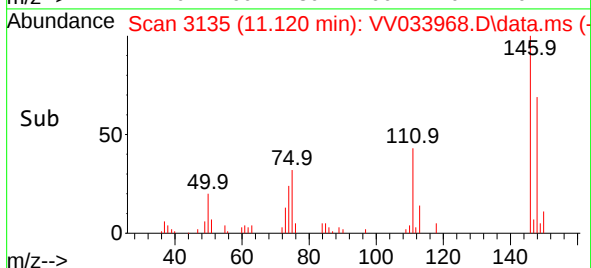
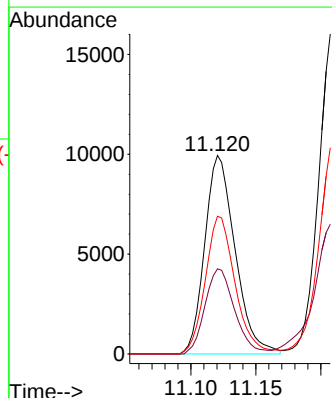
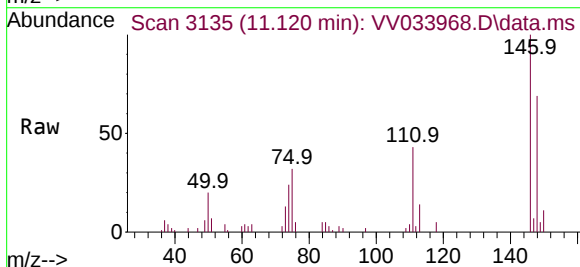
Tgt Ion: 146 Resp: 16147

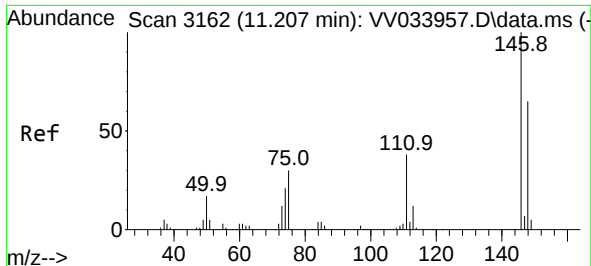
Ion Ratio Lower Upper

146 100

111 42.9 29.0 53.8

148 69.4 43.9 81.5





#65

1,4-Dichlorobenzene

Concen: 9.308 ug/L

RT: 11.210 min Scan# 3162

Delta R.T. 0.003 min

Lab File: VV033968.D

Acq: 02 Feb 2024 14:28

Instrument :

MSVOA_V

ClientSampleId :

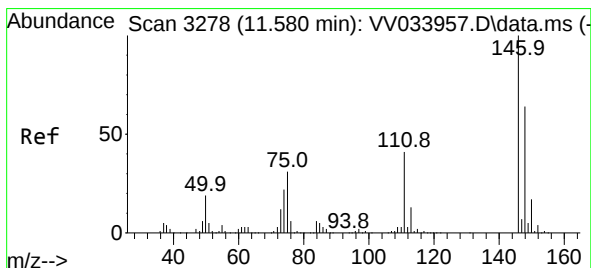
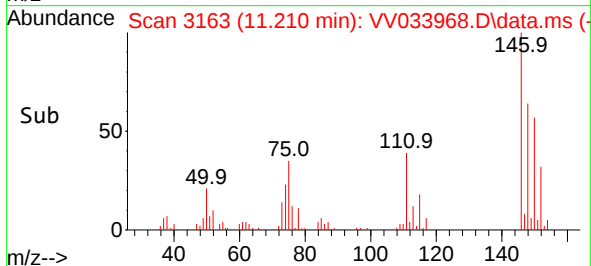
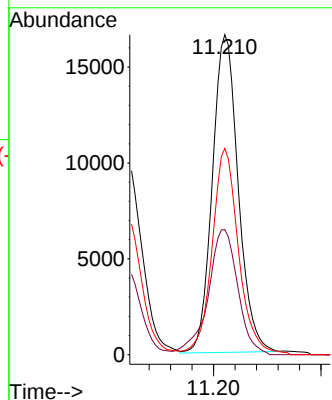
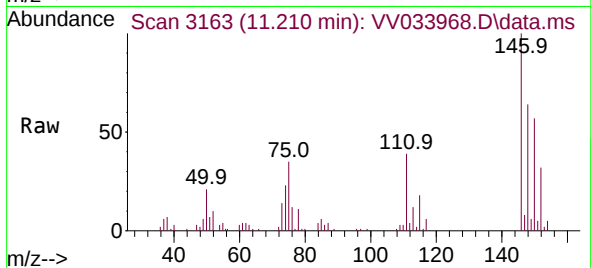
Tgt Ion:146 Resp: 27649

Ion Ratio Lower Upper

146 100

111 39.1 27.7 51.5

148 64.4 44.1 81.9



#67

1,2-Dichlorobenzene

Concen: 130.261 ug/L

RT: 11.580 min Scan# 3278

Delta R.T. 0.000 min

Lab File: VV033968.D

Acq: 02 Feb 2024 14:28

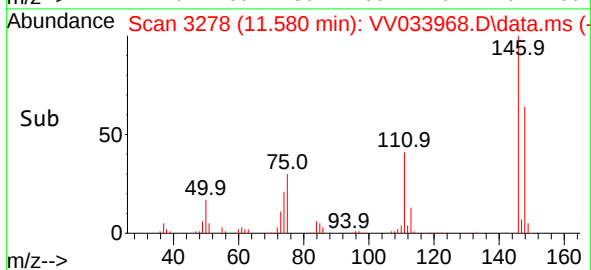
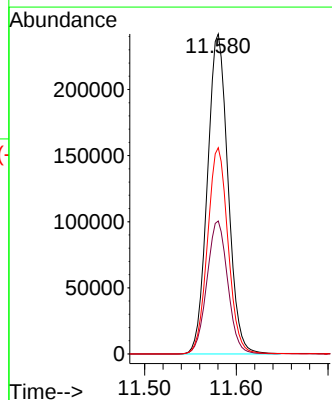
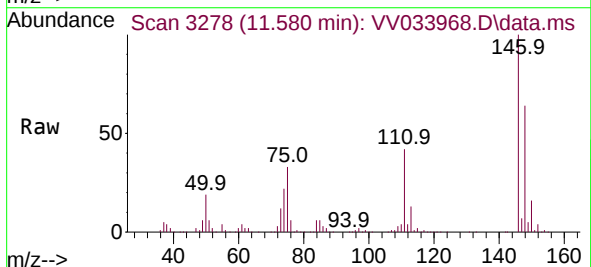
Tgt Ion:146 Resp: 377051

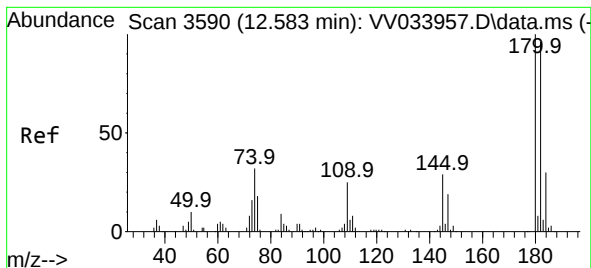
Ion Ratio Lower Upper

146 100

111 41.5 35.4 53.0

148 64.5 52.0 78.0





#69

1,3,5-Trichlorobenzene

Concen: 44.142 ug/L

RT: 13.198 min Scan# 3781

Delta R.T. 0.614 min

Lab File: VV033968.D

Acq: 02 Feb 2024 14:28

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 96632

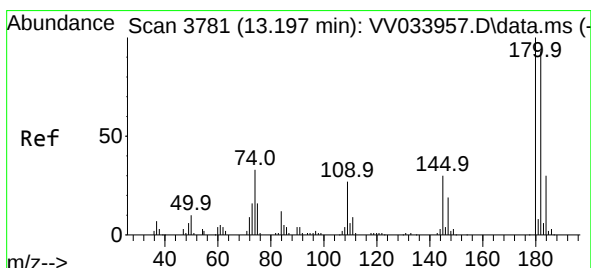
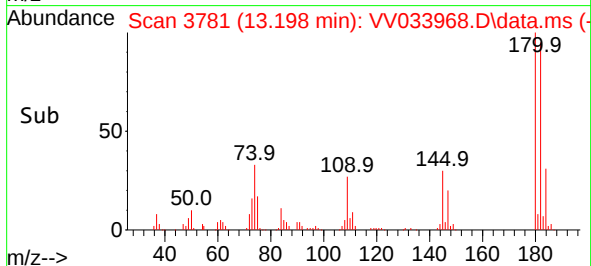
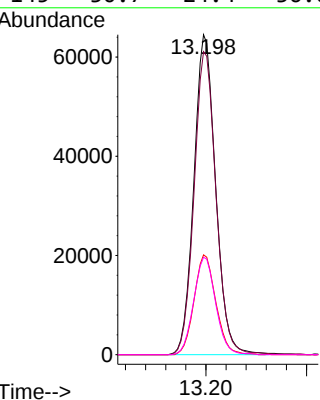
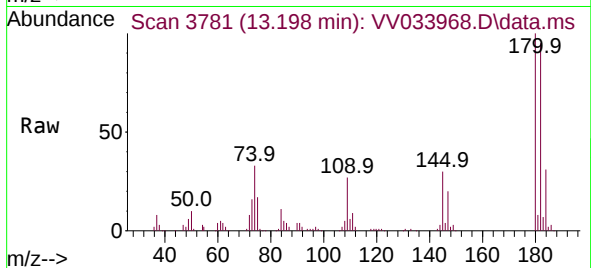
Ion Ratio Lower Upper

180 100

182 95.6 76.2 114.2

184 31.2 23.9 35.9

145 30.7 24.4 36.6



#70

1,2,4-trichlorobenzene

Concen: 48.634 ug/L

RT: 13.198 min Scan# 3781

Delta R.T. 0.000 min

Lab File: VV033968.D

Acq: 02 Feb 2024 14:28

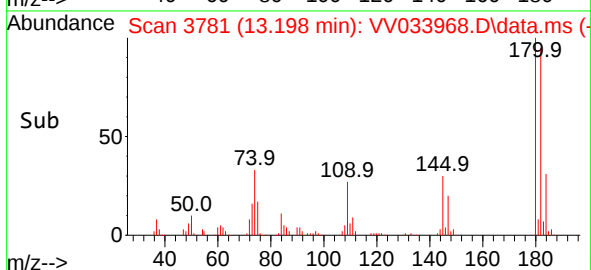
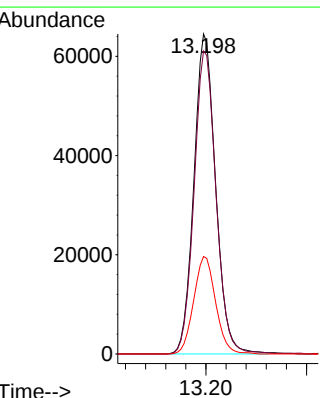
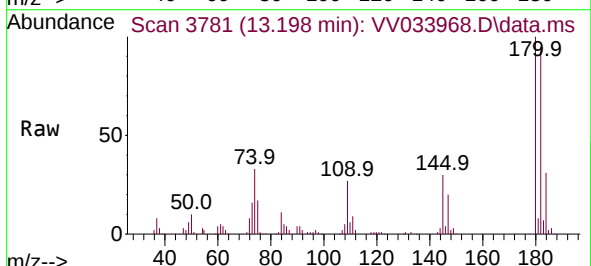
Tgt Ion:180 Resp: 96632

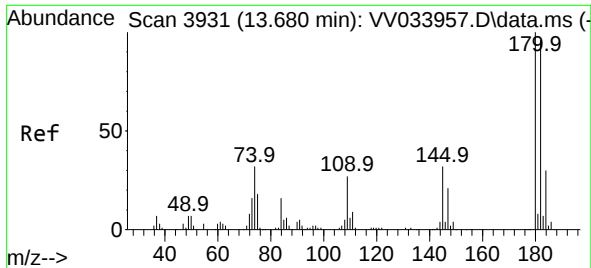
Ion Ratio Lower Upper

180 100

182 95.6 76.3 114.5

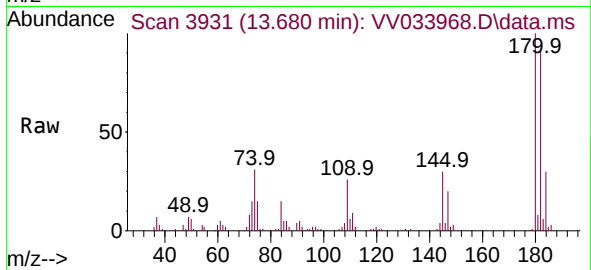
145 30.7 25.4 38.0





#72
 1,2,3-Trichlorobenzene
 Concen: 25.716 ug/L
 RT: 13.680 min Scan# 3931
 Delta R.T. 0.000 min
 Lab File: VV033968.D
 Acq: 02 Feb 2024 14:28

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:180	Resp:	47692
Ion	Ratio	Lower Upper
180	100	
182	92.6	76.0 114.0
145	31.3	26.3 39.5

