

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW063022\
 Data File : VW026611.D
 Acq On : 30 Jun 2022 16:47
 Operator : SY/MD
 Sample : N3521-01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0JT3

Quant Time: Jul 01 00:23:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 01 00:19:36 2022
 Response via : Initial Calibration

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

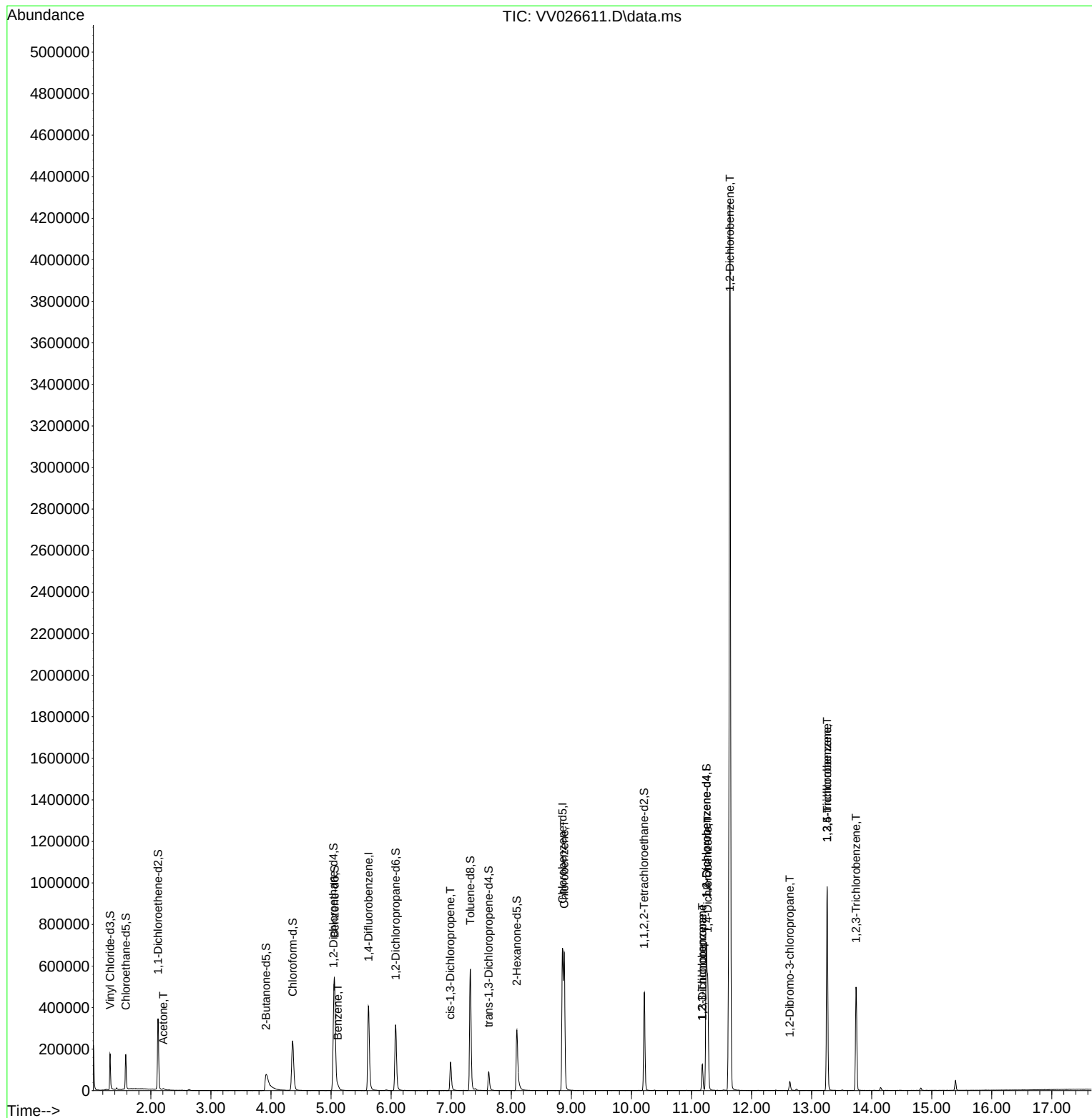
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	370168	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	368792	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	180040	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	119607	39.638	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	79.280%		
7) Chloroethane-d5	1.584	69	110702	42.777	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	85.560%		
11) 1,1-Dichloroethene-d2	2.121	63	178134	31.339	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	62.680%		
21) 2-Butanone-d5	3.915	46	154111	102.010	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	102.010%		
24) Chloroform-d	4.362	84	257944	44.271	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.540%		
26) 1,2-Dichloroethane-d4	5.040	65	153336	46.251	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.500%		
32) Benzene-d6	5.059	84	491284	43.809	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.620%		
36) 1,2-Dichloropropane-d6	6.076	67	161907	45.837	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	91.680%		
41) Toluene-d8	7.320	98	401094	40.720	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	81.440%		
43) trans-1,3-Dichloroprop...	7.625	79	56069	39.536	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	79.080%		
47) 2-Hexanone-d5	8.092	63	104025	85.152	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	85.150%		
56) 1,1,2,2-Tetrachloroeth...	10.214	84	235693	46.214	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	92.420%		
66) 1,2-Dichlorobenzene-d4	11.249	152	172468	48.947	ug/L	-0.37
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.900%		
Target Compounds					Qvalue	
13) Acetone	2.208	43	11016	10.015	ug/L	97
33) Benzene	5.111	78	20407	1.707	ug/L	100
39) cis-1,3-Dichloropropene	6.985	75	3614	0.862	ug/L	95
51) Chlorobenzene	8.882	112	374921	44.313	ug/L	99
61) 1,2,3-Trichloropropane	11.178	75	14150	4.389	ug/L #	49
64) 1,3-Dichlorobenzene	11.181	146	52732	9.496	ug/L	97
65) 1,4-Dichlorobenzene	11.271	146	210346	36.530	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	1647137	291.093	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.638	75	1100	1.528	ug/L #	1
69) 1,3,5-Trichlorobenzene	13.259	180	296616	77.609	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	296616	92.329	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	150117	46.028	ug/L	99

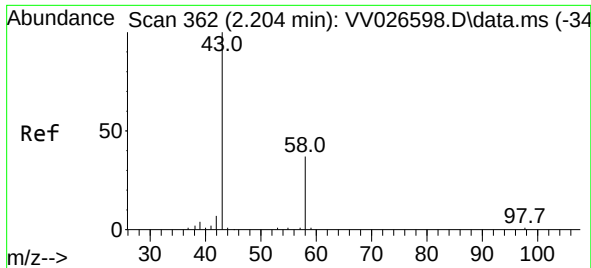
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 10.015 ug/L

RT: 2.208 min Scan# 3

Delta R.T. 0.003 min

Lab File: VV026611.D

Acq: 30 Jun 2022 16:47

Instrument :

MSVOA_V

ClientSampleId :

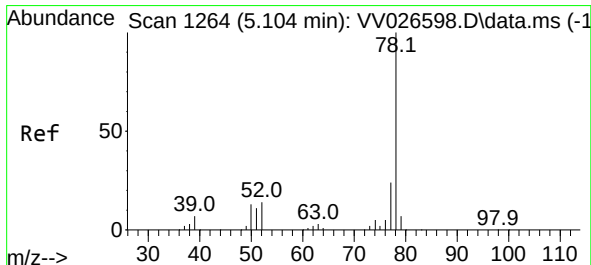
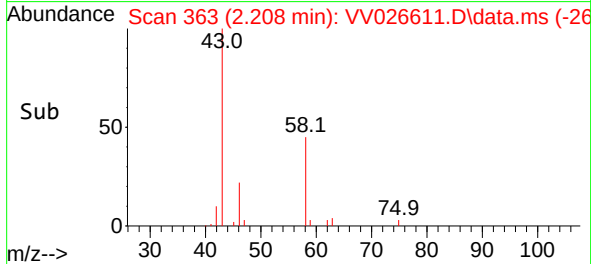
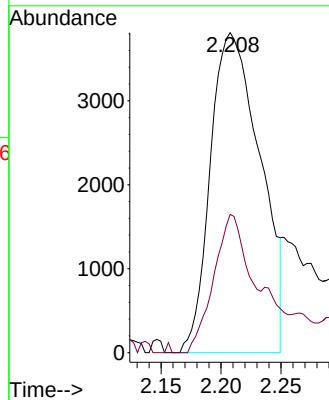
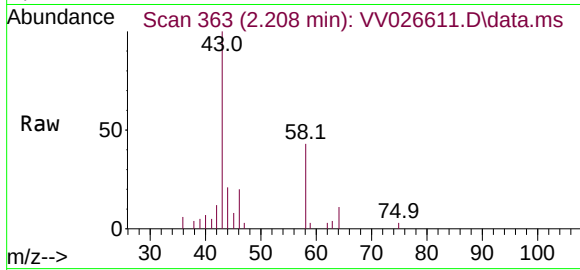
C0JT3

Tgt Ion: 43 Resp: 11016

Ion Ratio Lower Upper

43 100

58 30.7 0.0 65.0



#33

Benzene

Concen: 1.707 ug/L

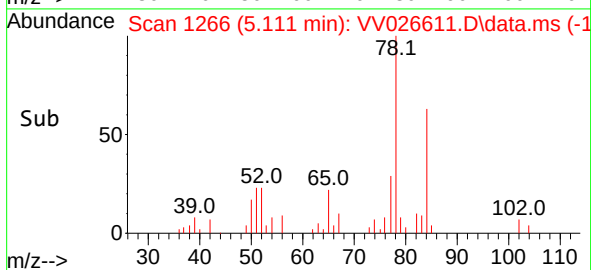
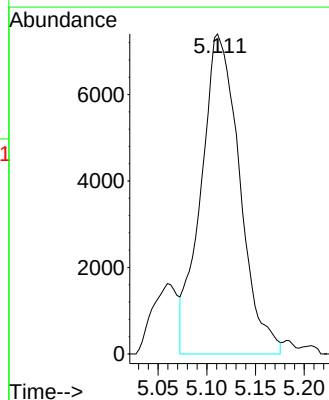
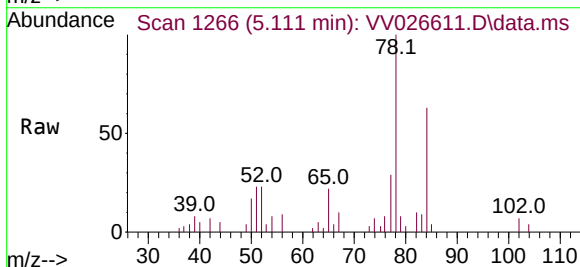
RT: 5.111 min Scan# 1266

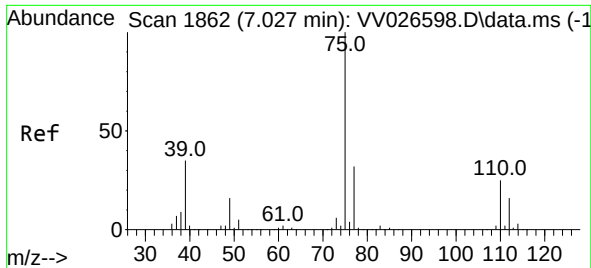
Delta R.T. 0.007 min

Lab File: VV026611.D

Acq: 30 Jun 2022 16:47

Tgt Ion: 78 Resp: 20407





#39

cis-1,3-Dichloropropene

Concen: 0.862 ug/L

RT: 6.985 min Scan# 11

Delta R.T. -0.042 min

Lab File: VV026611.D

Acq: 30 Jun 2022 16:47

Instrument :

MSVOA_V

ClientSampleId :

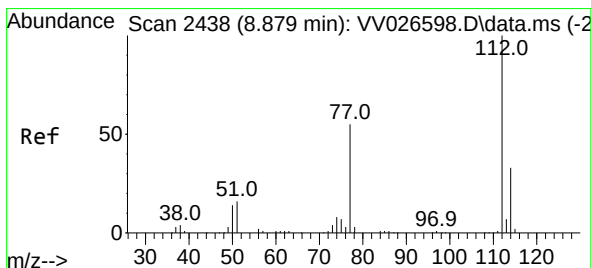
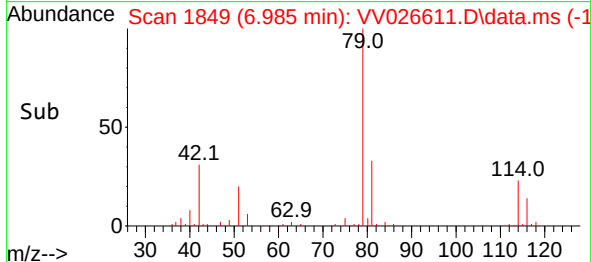
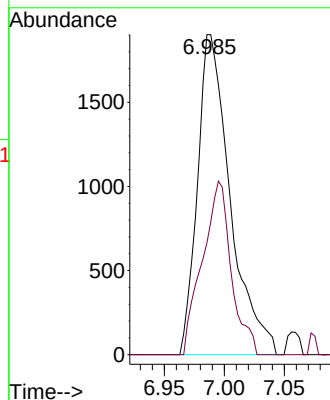
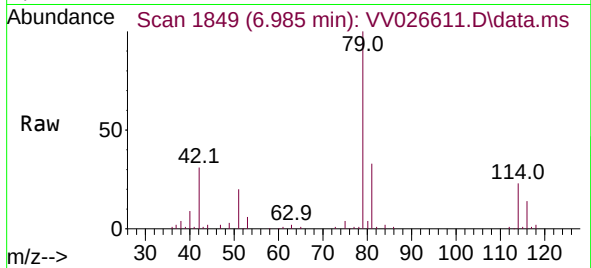
C0JT3

Tgt Ion: 75 Resp: 3614

Ion Ratio Lower Upper

75 100

77 34.9 22.4 41.6



#51

Chlorobenzene

Concen: 44.313 ug/L

RT: 8.882 min Scan# 2439

Delta R.T. 0.003 min

Lab File: VV026611.D

Acq: 30 Jun 2022 16:47

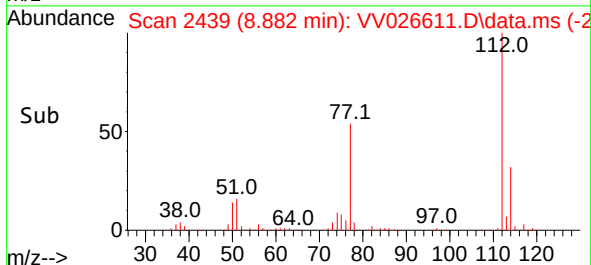
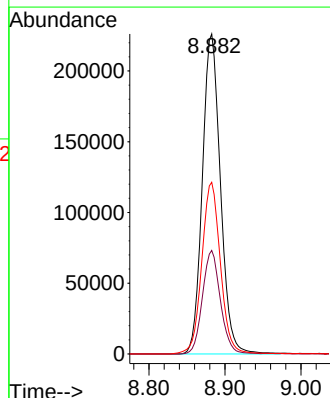
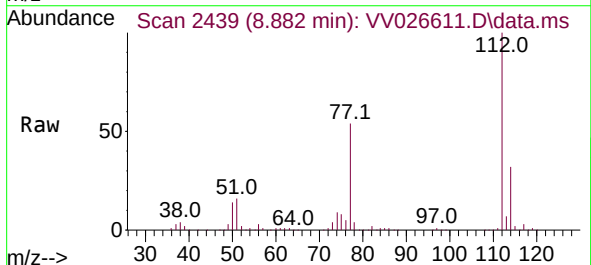
Tgt Ion: 112 Resp: 374921

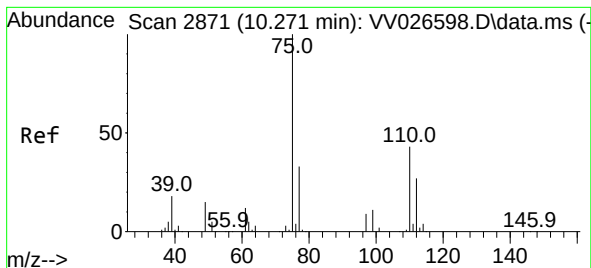
Ion Ratio Lower Upper

112 100

114 32.3 22.0 41.0

77 53.7 42.4 63.6





#61

1,2,3-Trichloropropane

Concen: 4.389 ug/L

RT: 11.178 min Scan# 3153

Delta R.T. 0.907 min

Lab File: VV026611.D

Acq: 30 Jun 2022 16:47

Instrument :

MSVOA_V

ClientSampleId :

C0JT3

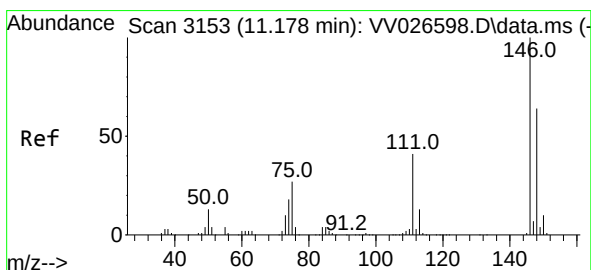
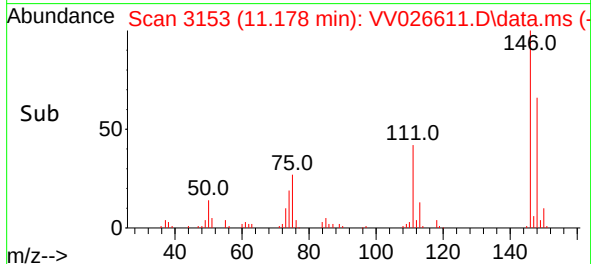
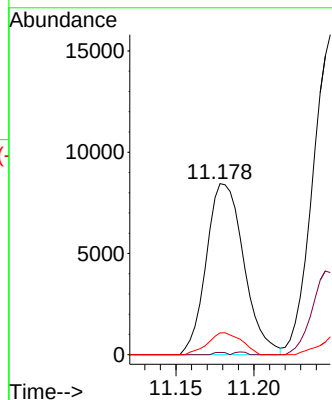
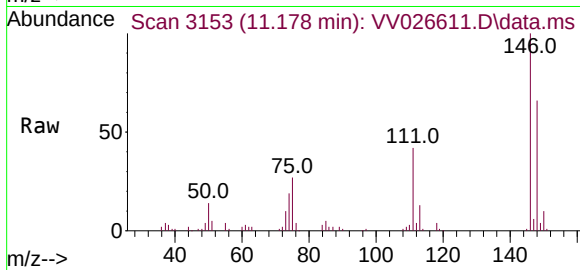
Tgt Ion: 75 Resp: 14150

Ion Ratio Lower Upper

75 100

77 0.4 25.8 38.6#

110 11.6 32.8 49.2#



#64

1,3-Dichlorobenzene

Concen: 9.496 ug/L

RT: 11.181 min Scan# 3154

Delta R.T. 0.003 min

Lab File: VV026611.D

Acq: 30 Jun 2022 16:47

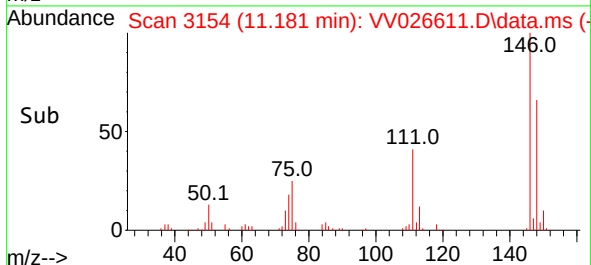
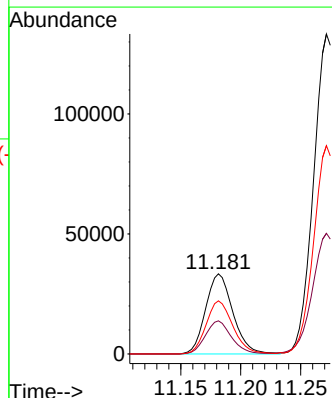
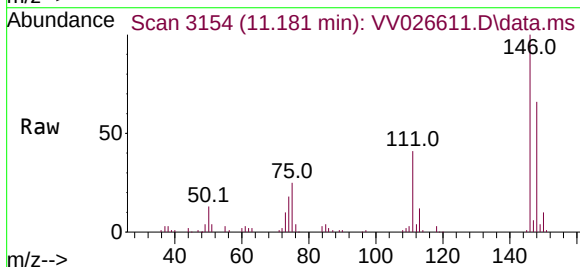
Tgt Ion:146 Resp: 52732

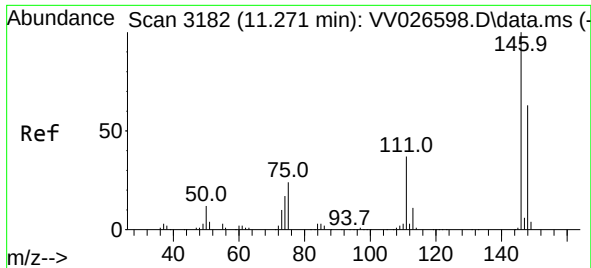
Ion Ratio Lower Upper

146 100

111 41.3 27.4 51.0

148 66.2 45.1 83.9

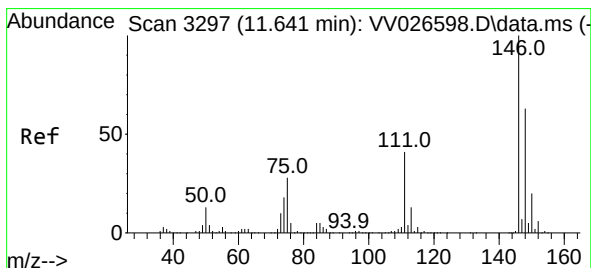
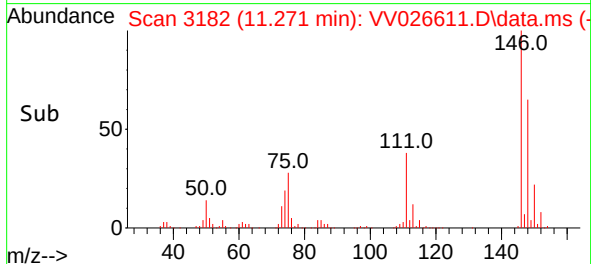
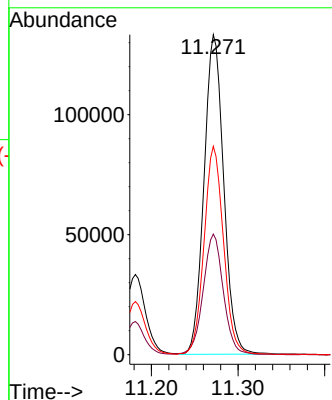
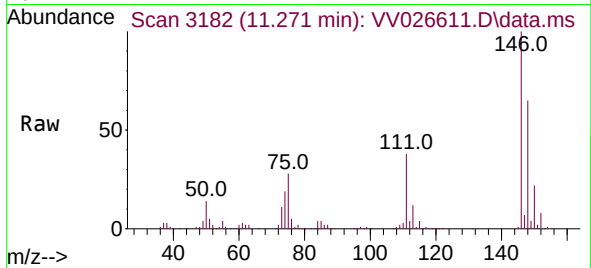




#65
1,4-Dichlorobenzene
Concen: 36.530 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV026611.D
Acq: 30 Jun 2022 16:47

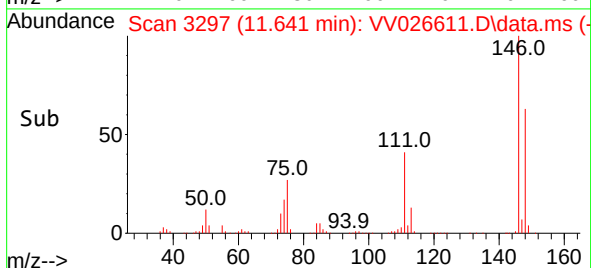
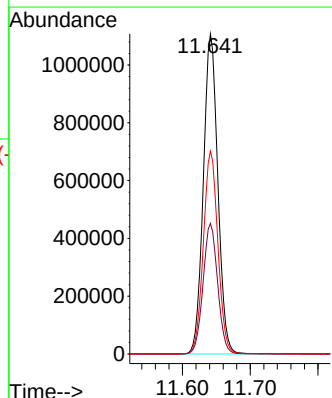
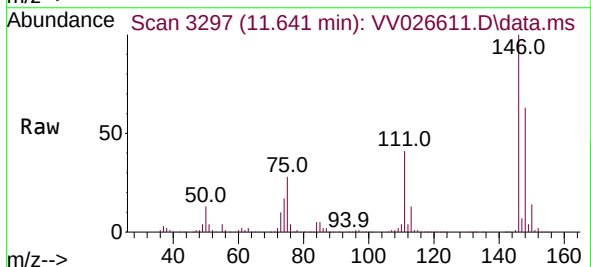
Instrument :
MSVOA_V
ClientSampleId :
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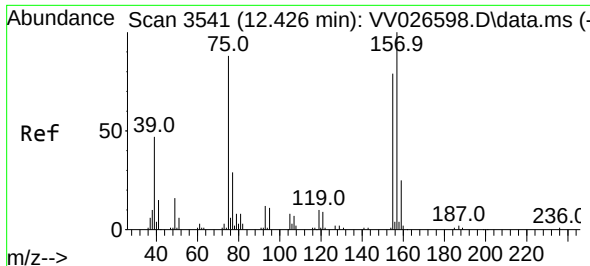
Tgt Ion:146 Resp: 210346
Ion Ratio Lower Upper
146 100
111 37.7 26.4 49.0
148 65.1 44.9 83.3



#67
1,2-Dichlorobenzene
Concen: 291.093 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. 0.000 min
Lab File: VV026611.D
Acq: 30 Jun 2022 16:47

Tgt Ion:146 Resp: 1647137
Ion Ratio Lower Upper
146 100
111 40.8 32.8 49.2
148 63.4 50.9 76.3





#68

1,2-Dibromo-3-chloropropane

Concen: 1.528 ug/L

RT: 12.638 min Scan# 30

Delta R.T. 0.212 min

Lab File: VV026611.D

Acq: 30 Jun 2022 16:47

Instrument :

MSVOA_V

ClientSampleId :

C0JT3

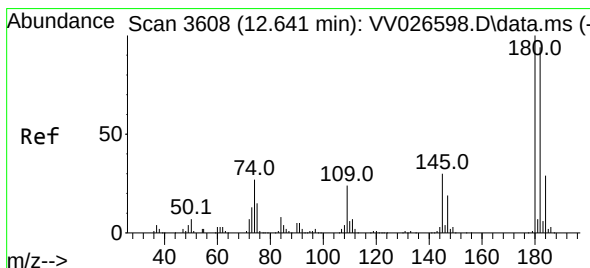
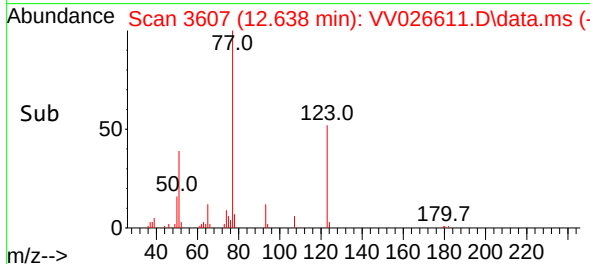
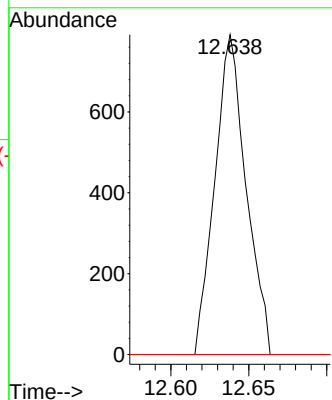
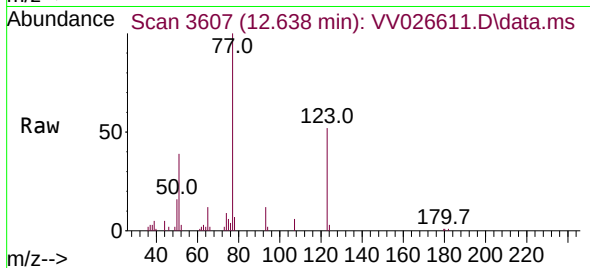
Tgt Ion: 75 Resp: 1100

Ion Ratio Lower Upper

75 100

155 0.0 71.0 106.4#

157 0.0 91.3 136.9#



#69

1,3,5-Trichlorobenzene

Concen: 77.609 ug/L

RT: 13.259 min Scan# 3800

Delta R.T. 0.617 min

Lab File: VV026611.D

Acq: 30 Jun 2022 16:47

Tgt Ion:180 Resp: 296616

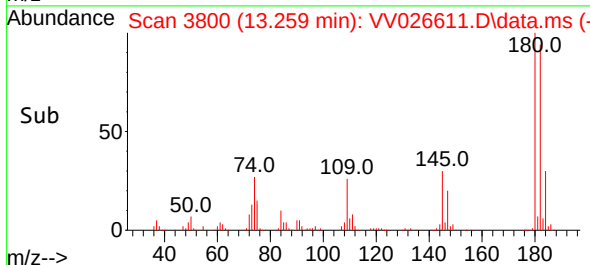
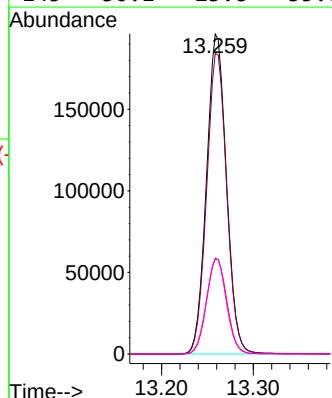
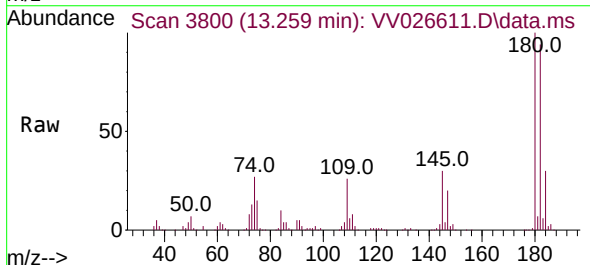
Ion Ratio Lower Upper

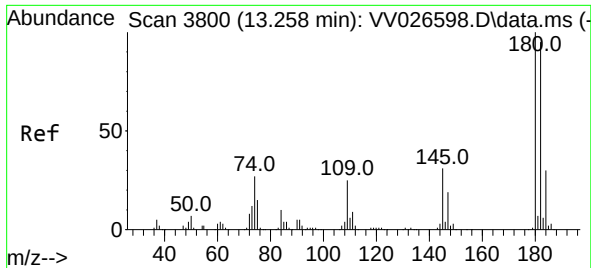
180 100

182 94.4 74.9 112.3

184 30.3 23.5 35.3

145 30.1 23.8 35.6

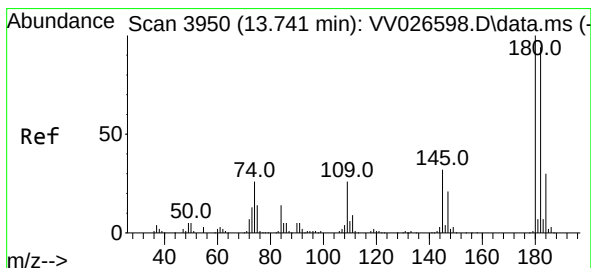
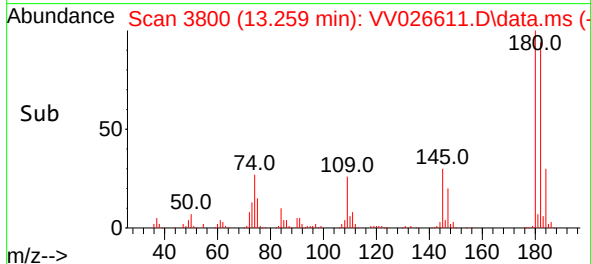
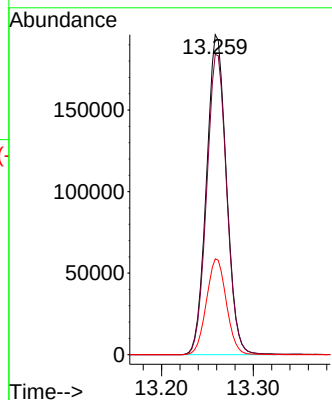
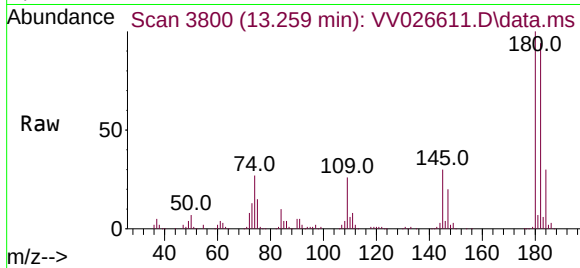




#70
1,2,4-trichlorobenzene
Concen: 92.329 ug/L
RT: 13.259 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV026611.D
Acq: 30 Jun 2022 16:47

Instrument :
MSVOA_V
ClientSampleId :
C0JT3

Tgt Ion:180 Resp: 296616
Ion Ratio Lower Upper
180 100
182 94.4 75.9 113.9
145 30.1 24.5 36.7



#72
1,2,3-Trichlorobenzene
Concen: 46.028 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV026611.D
Acq: 30 Jun 2022 16:47

Tgt Ion:180 Resp: 150117
Ion Ratio Lower Upper
180 100
182 94.7 76.1 114.1
145 31.5 26.3 39.5

