

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW063022\
 Data File : VW026606.D
 Acq On : 30 Jun 2022 14:44
 Operator : SY/MD
 Sample : N3521-13 100X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0JX7

Quant Time: Jul 01 00:22:42 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)

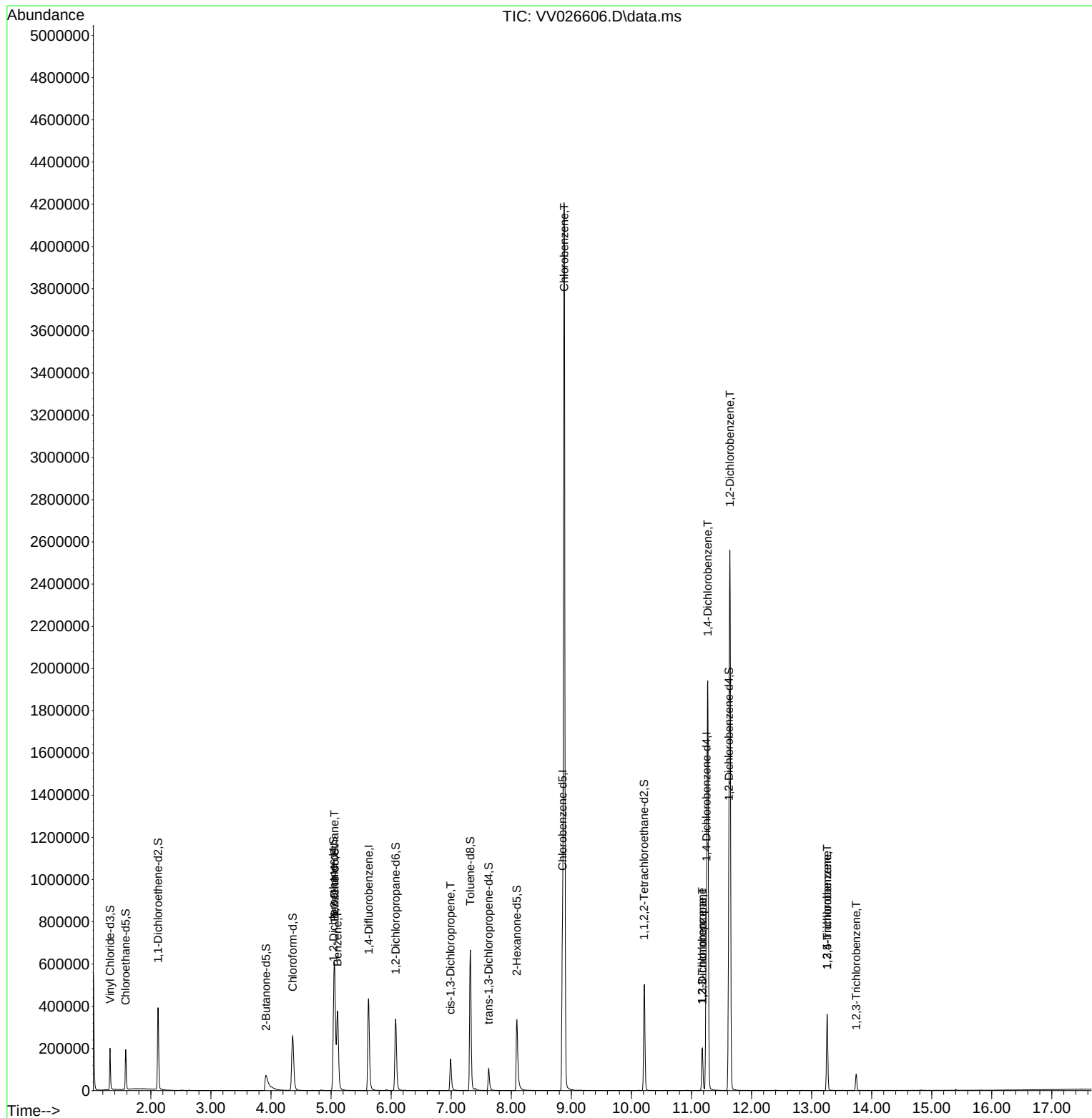
Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	394301	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	393170	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	193721	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	133780	41.622	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	83.240%		
7) Chloroethane-d5	1.581	69	124274	45.083	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	90.160%		
11) 1,1-Dichloroethene-d2	2.121	63	205035	33.864	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	67.720%		
21) 2-Butanone-d5	3.915	46	173558	107.851	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	107.850%		
24) Chloroform-d	4.362	84	277216	44.667	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.340%		
26) 1,2-Dichloroethane-d4	5.040	65	165562	46.882	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.760%		
32) Benzene-d6	5.060	84	541671	45.307	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.620%		
36) 1,2-Dichloropropane-d6	6.076	67	173033	45.950	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	91.900%		
41) Toluene-d8	7.320	98	452147	43.057	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.120%		
43) trans-1,3-Dichloroprop...	7.625	79	62212	41.148	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	82.300%		
47) 2-Hexanone-d5	8.092	63	121036	92.933	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	92.930%		
56) 1,1,2,2-Tetrachloroeth...	10.214	84	250832	46.133	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	92.260%		
66) 1,2-Dichlorobenzene-d4	11.622	152	196536	51.838	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	103.680%		
Target Compounds						Qvalue
27) 1,2-Dichloroethane	5.056	62	2904	0.721	ug/L	99
33) Benzene	5.108	78	404317	31.716	ug/L	100
39) cis-1,3-Dichloropropene	6.989	75	3833	0.857	ug/L #	74
51) Chlorobenzene	8.883	112	2281160	252.899	ug/L	97
61) 1,2,3-Trichloropropane	11.178	75	22632	6.524	ug/L #	49
64) 1,3-Dichlorobenzene	11.181	146	85978	14.390	ug/L	97
65) 1,4-Dichlorobenzene	11.271	146	775253	125.125	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	981415	161.194	ug/L	99
69) 1,3,5-Trichlorobenzene	13.259	180	111172	27.034	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	111172	32.161	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	24346	6.938	ug/L	98

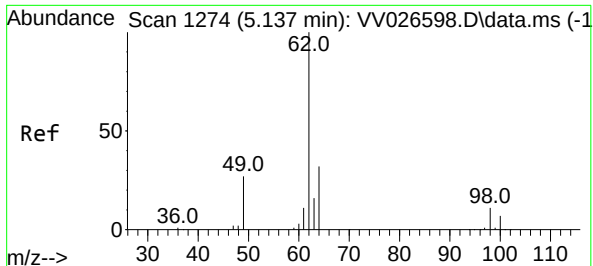
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jul 01 00:19:36 2022
Response via : Initial Calibration





#27

1,2-Dichloroethane

Concen: 0.721 ug/L

RT: 5.056 min Scan# 1249

Delta R.T. -0.080 min

Lab File: VV026606.D

Acq: 30 Jun 2022 14:44

Instrument :

MSVOA_V

ClientSampleId :

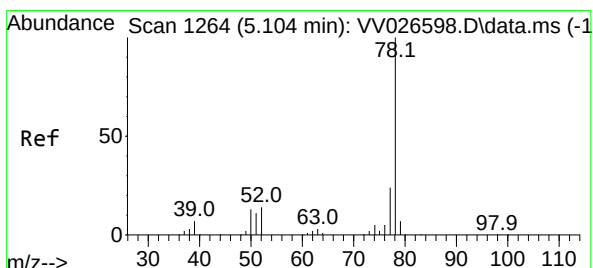
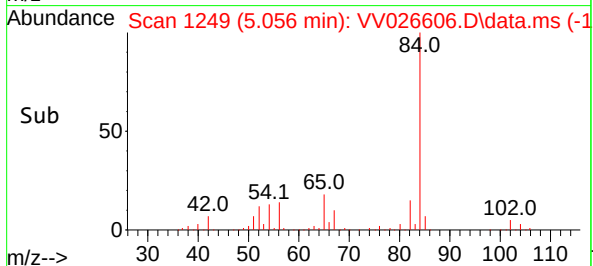
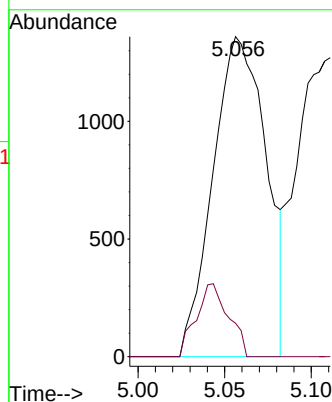
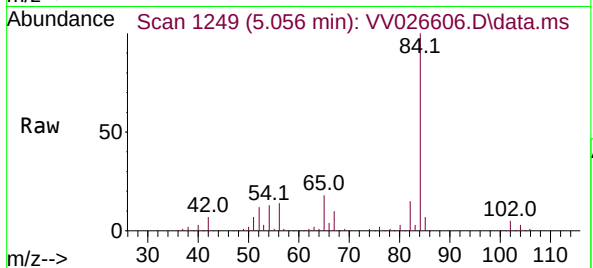
C0JX7

Tgt Ion: 62 Resp: 2904

Ion Ratio Lower Upper

62 100

98 10.4 8.8 13.2



#33

Benzene

Concen: 31.716 ug/L

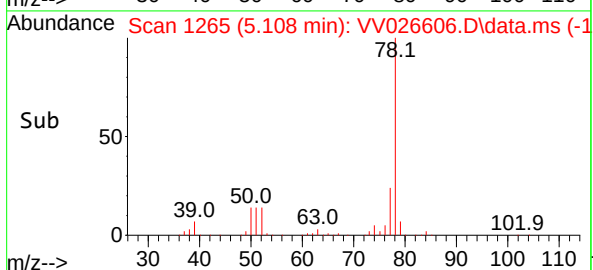
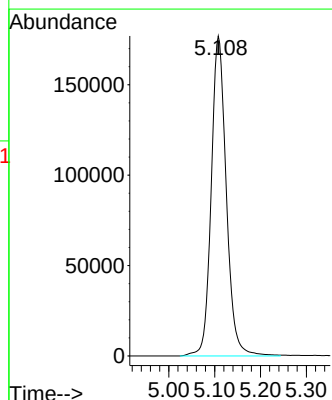
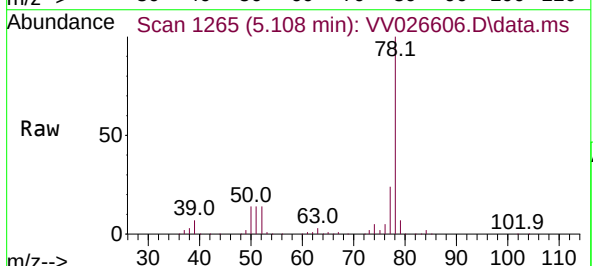
RT: 5.108 min Scan# 1265

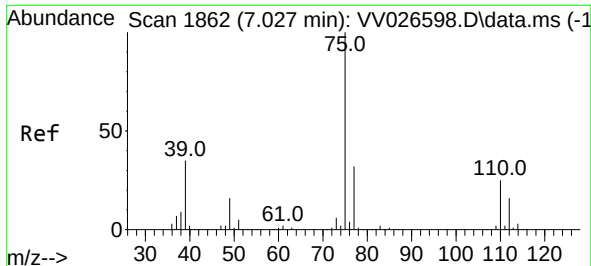
Delta R.T. 0.003 min

Lab File: VV026606.D

Acq: 30 Jun 2022 14:44

Tgt Ion: 78 Resp: 404317





#39

cis-1,3-Dichloropropene

Concen: 0.857 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.038 min

Lab File: VV026606.D

Acq: 30 Jun 2022 14:44

Instrument :

MSVOA_V

ClientSampleId :

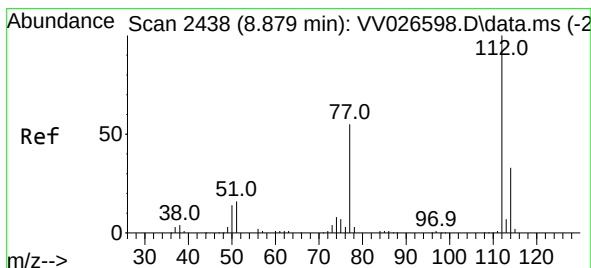
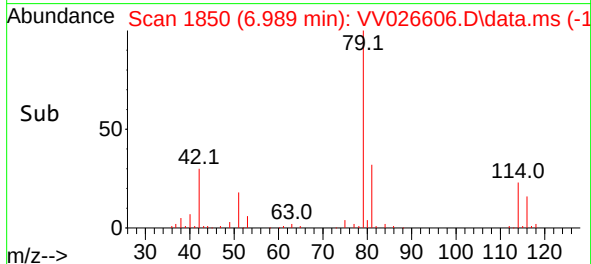
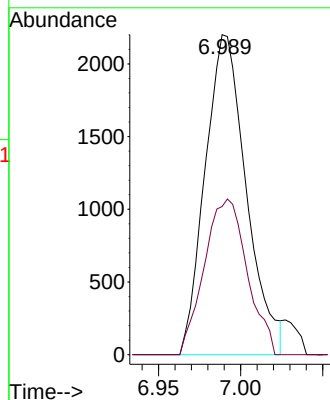
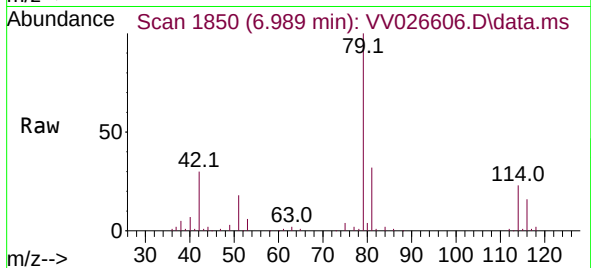
C0JX7

Tgt Ion: 75 Resp: 3833

Ion Ratio Lower Upper

75 100

77 46.3 22.4 41.6#



#51

Chlorobenzene

Concen: 252.899 ug/L

RT: 8.883 min Scan# 2439

Delta R.T. 0.003 min

Lab File: VV026606.D

Acq: 30 Jun 2022 14:44

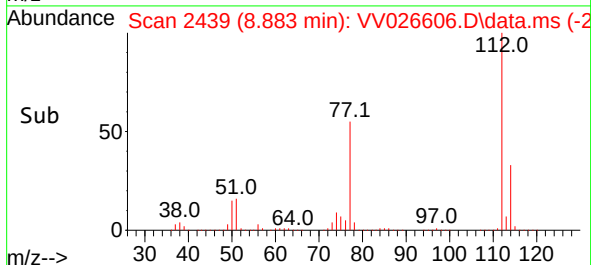
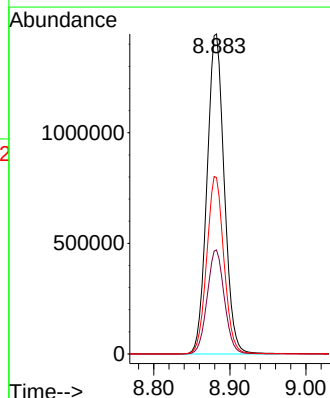
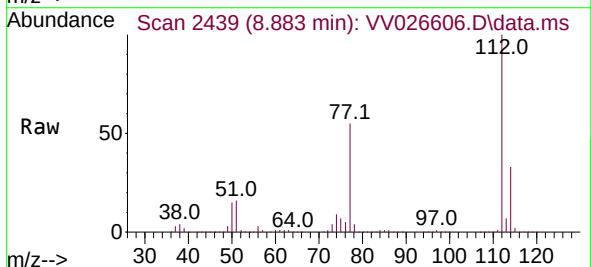
Tgt Ion: 112 Resp: 2281160

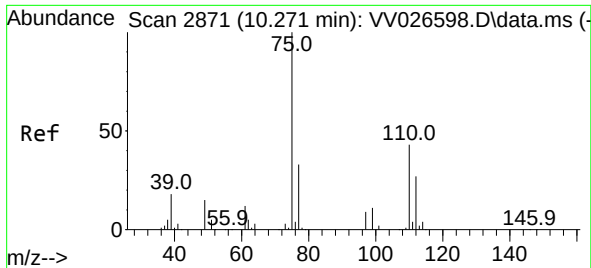
Ion Ratio Lower Upper

112 100

114 32.5 22.0 41.0

77 55.1 42.4 63.6

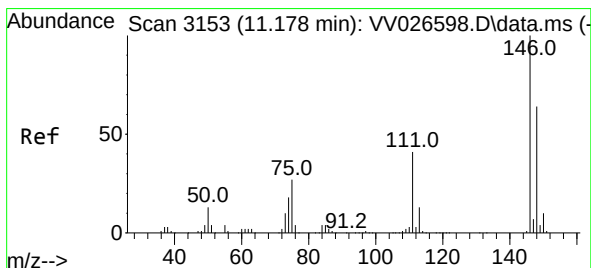
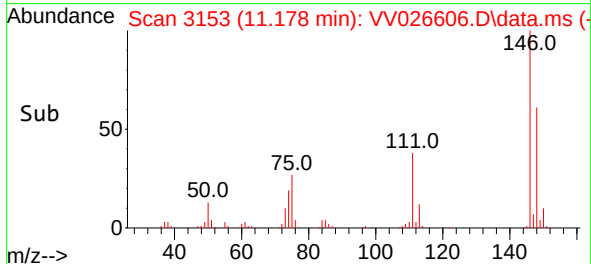
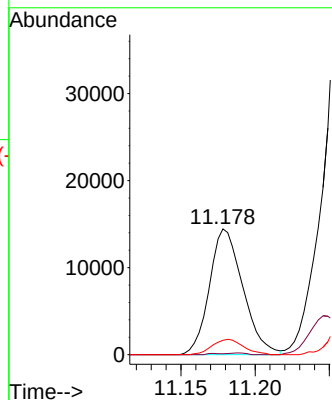
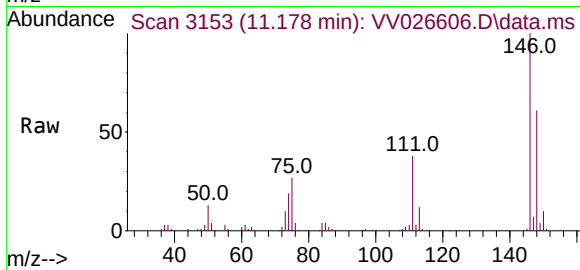




#61
1,2,3-Trichloropropane
Concen: 6.524 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.907 min
Lab File: VV026606.D
Acq: 30 Jun 2022 14:44

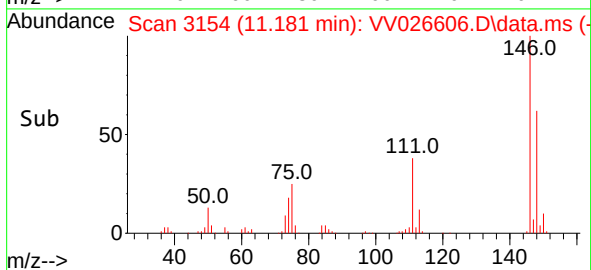
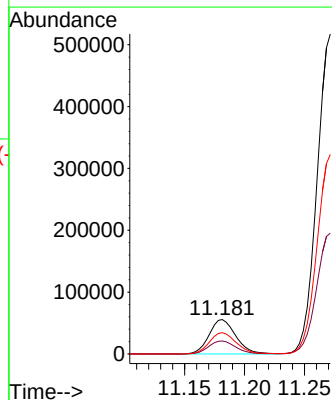
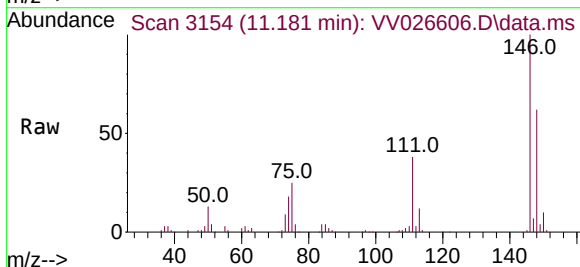
Instrument :
MSVOA_V
ClientSampleId :
C0JX7

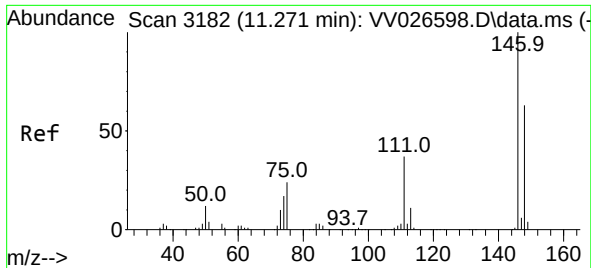
Tgt Ion: 75 Resp: 22632
Ion Ratio Lower Upper
75 100
77 0.7 25.8 38.6#
110 11.4 32.8 49.2#



#64
1,3-Dichlorobenzene
Concen: 14.390 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. 0.003 min
Lab File: VV026606.D
Acq: 30 Jun 2022 14:44

Tgt Ion:146 Resp: 85978
Ion Ratio Lower Upper
146 100
111 37.8 27.4 51.0
148 61.9 45.1 83.9

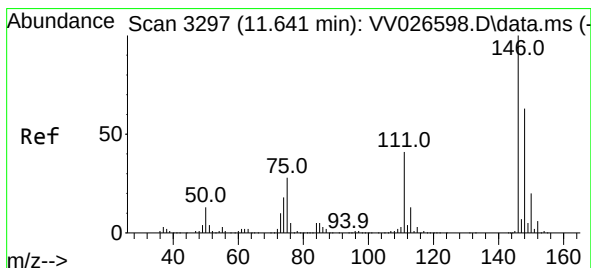
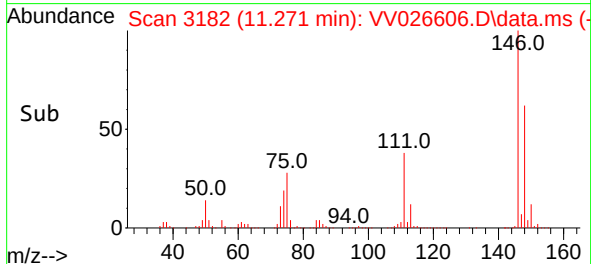
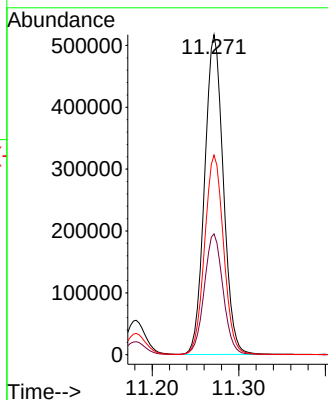
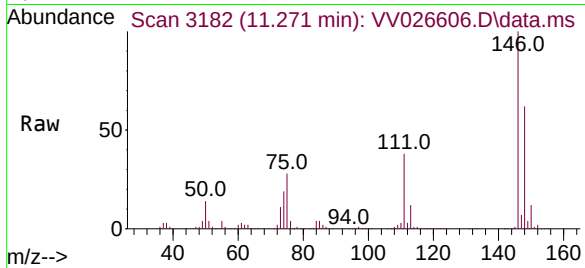




#65
1,4-Dichlorobenzene
Concen: 125.125 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV026606.D
Acq: 30 Jun 2022 14:44

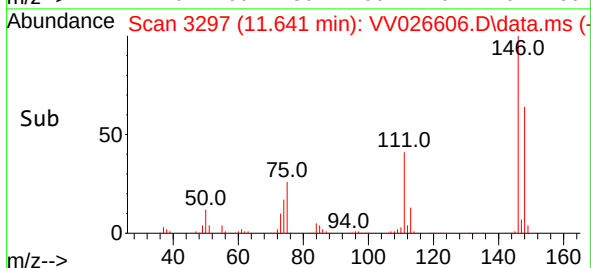
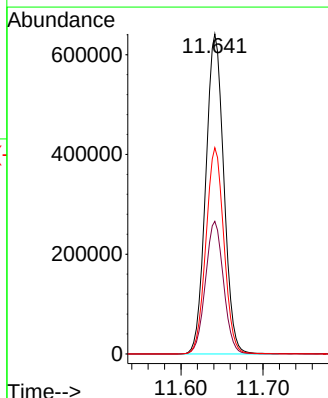
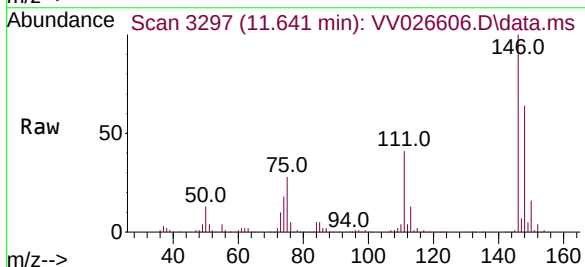
Instrument :
MSVOA_V
ClientSampleId :
C0JX7

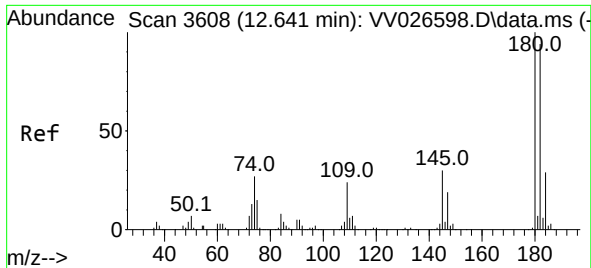
Tgt Ion:146 Resp: 775253
Ion Ratio Lower Upper
146 100
111 37.8 26.4 49.0
148 62.3 44.9 83.3



#67
1,2-Dichlorobenzene
Concen: 161.194 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. 0.000 min
Lab File: VV026606.D
Acq: 30 Jun 2022 14:44

Tgt Ion:146 Resp: 981415
Ion Ratio Lower Upper
146 100
111 41.5 32.8 49.2
148 64.5 50.9 76.3





#69

1,3,5-Trichlorobenzene

Concen: 27.034 ug/L

RT: 13.259 min Scan# 3800

Delta R.T. 0.617 min

Lab File: VV026606.D

Acq: 30 Jun 2022 14:44

Instrument :

MSVOA_V

ClientSampleId :

C0JX7

Tgt Ion:180 Resp: 111172

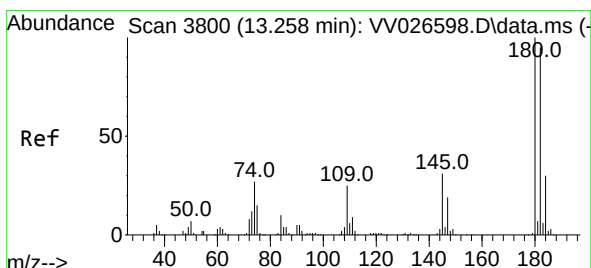
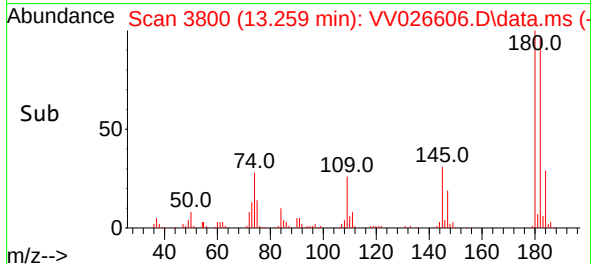
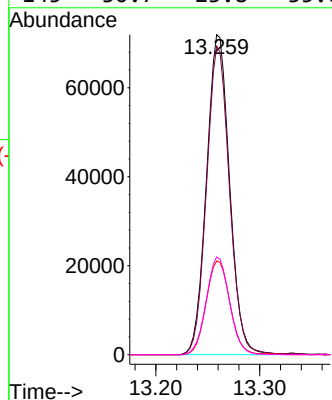
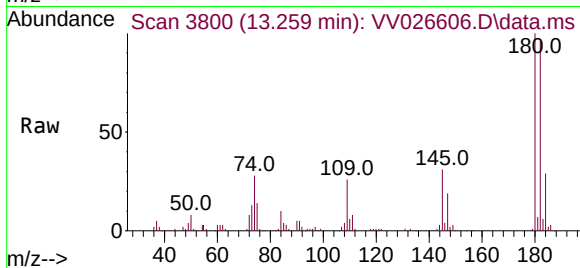
Ion Ratio Lower Upper

180 100

182 95.4 74.9 112.3

184 30.1 23.5 35.3

145 30.7 23.8 35.6



#70

1,2,4-trichlorobenzene

Concen: 32.161 ug/L

RT: 13.259 min Scan# 3800

Delta R.T. 0.000 min

Lab File: VV026606.D

Acq: 30 Jun 2022 14:44

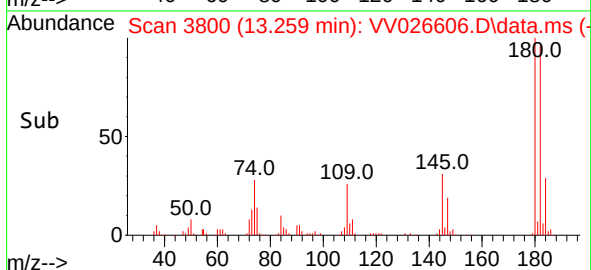
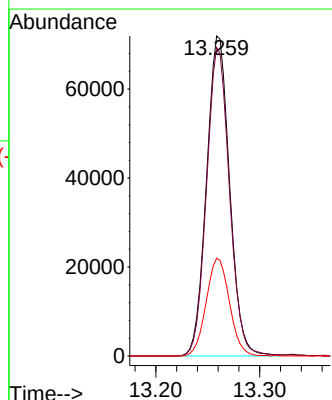
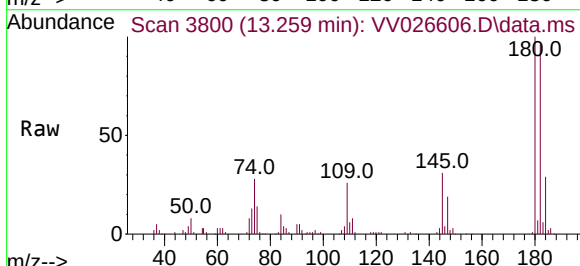
Tgt Ion:180 Resp: 111172

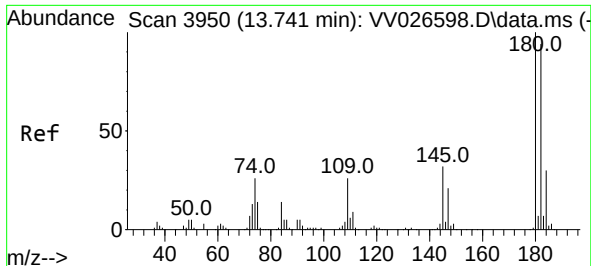
Ion Ratio Lower Upper

180 100

182 95.4 75.9 113.9

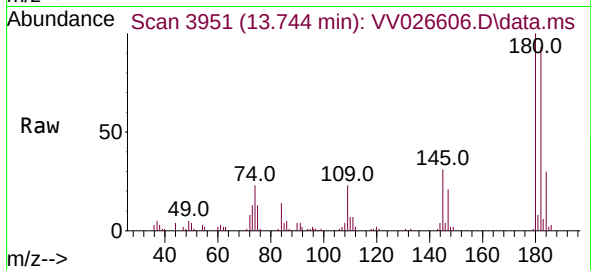
145 30.7 24.5 36.7





#72
 1,2,3-Trichlorobenzene
 Concen: 6.938 ug/L
 RT: 13.744 min Scan# 3950
 Delta R.T. 0.003 min
 Lab File: VV026606.D
 Acq: 30 Jun 2022 14:44

Instrument :
 MSVOA_V
 ClientSampleId :
 C0JX7



Tgt Ion:	180	Resp:	24346
Ion Ratio	Lower	Upper	
180	100		
182	93.7	76.1	114.1
145	31.5	26.3	39.5

