

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW063022\
 Data File : VW026608.D
 Acq On : 30 Jun 2022 15:32
 Operator : SY/MD
 Sample : N3521-01DL 5X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0JT3DL

Quant Time: Jul 01 00:23:10 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)

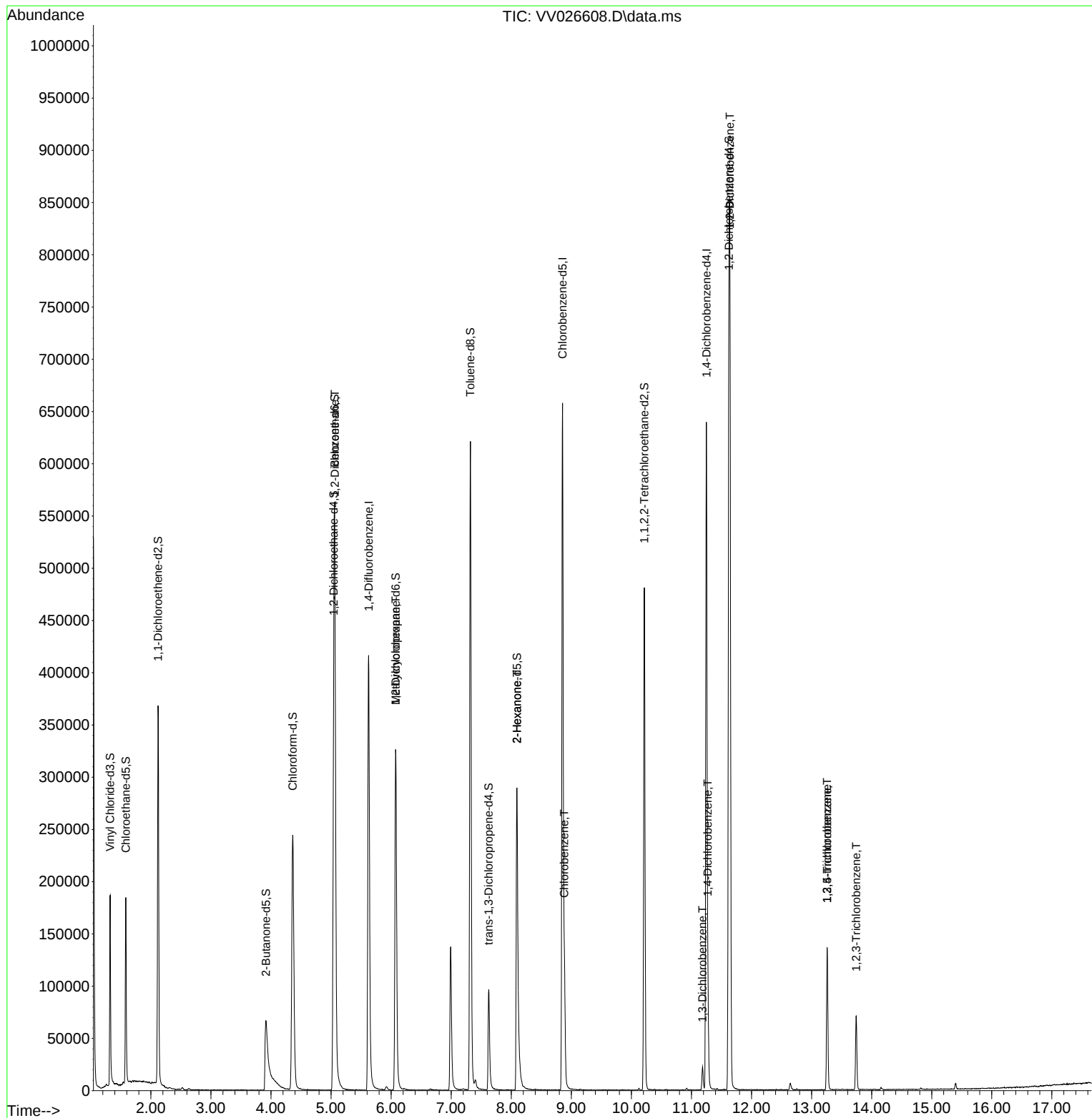
Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	377515	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	380456	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	171612	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	127569	41.454	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	82.900%		
7) Chloroethane-d5	1.584	69	116336	44.080	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	88.160%		
11) 1,1-Dichloroethene-d2	2.121	63	188871	32.581	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	65.160%		
21) 2-Butanone-d5	3.915	46	126251	81.942	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	81.940%		
24) Chloroform-d	4.362	84	264767	44.558	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.120%		
26) 1,2-Dichloroethane-d4	5.043	65	156257	46.215	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.440%		
32) Benzene-d6	5.060	84	514263	44.452	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.900%		
36) 1,2-Dichloropropane-d6	6.076	67	166661	45.737	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	91.480%		
41) Toluene-d8	7.320	98	419750	41.308	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	82.620%		
43) trans-1,3-Dichloroprop...	7.625	79	58961	40.301	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	80.600%		
47) 2-Hexanone-d5	8.095	63	106971	84.879	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	84.880%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	235893	44.835	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	89.680%		
66) 1,2-Dichlorobenzene-d4	11.622	152	170261	50.694	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.380%		
Target Compounds						Qvalue
27) 1,2-Dichloroethane	5.063	62	2721	0.706	ug/L	97
35) Methylcyclohexane	6.076	83	40882	8.619	ug/L #	22
48) 2-Hexanone	8.095	43	15714	6.436	ug/L #	72
51) Chlorobenzene	8.883	112	66771	7.650	ug/L	95
64) 1,3-Dichlorobenzene	11.185	146	9268	1.751	ug/L	96
65) 1,4-Dichlorobenzene	11.272	146	36233	6.601	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	270855	50.218	ug/L	100
69) 1,3,5-Trichlorobenzene	13.259	180	43175	11.851	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	43175	14.099	ug/L	98
72) 1,2,3-Trichlorobenzene	13.744	180	22091	7.106	ug/L	97

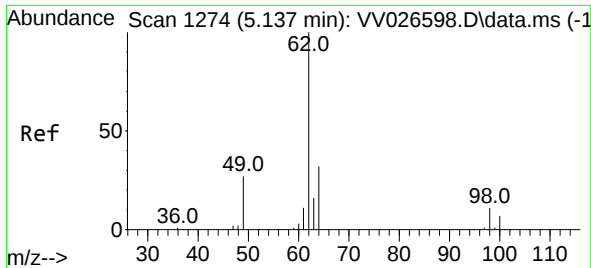
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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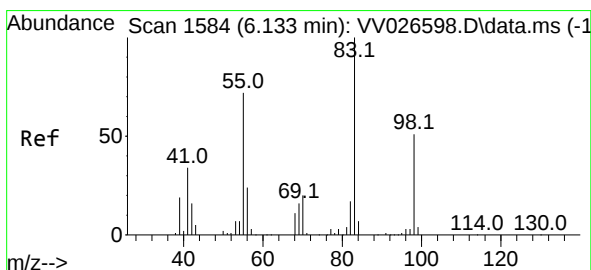
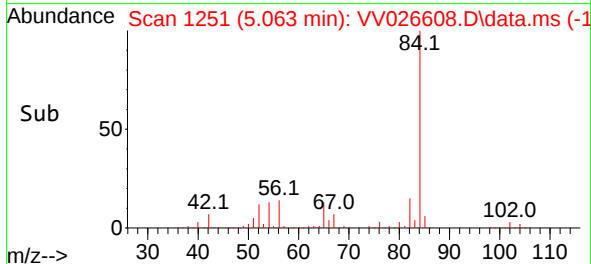
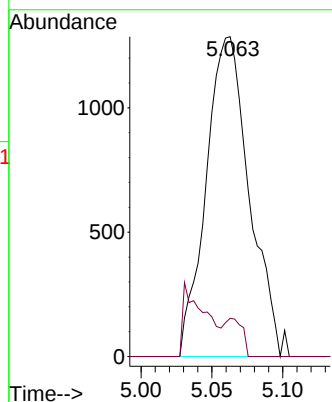
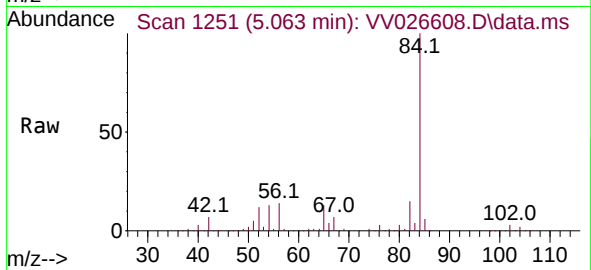




#27
1,2-Dichloroethane
Concen: 0.706 ug/L
RT: 5.063 min Scan# 11
Delta R.T. -0.074 min
Lab File: VV026608.D
Acq: 30 Jun 2022 15:32

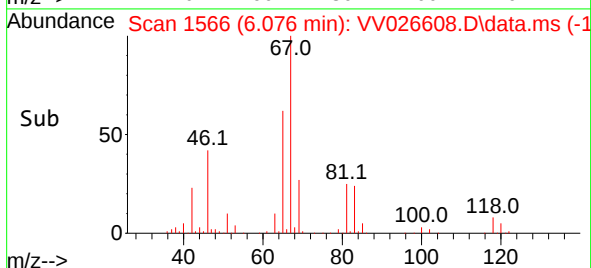
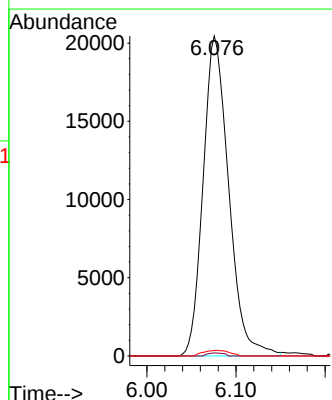
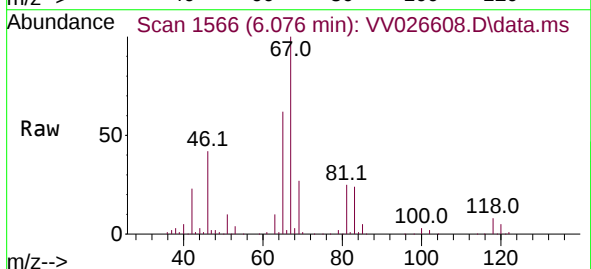
Instrument :
MSVOA_V
ClientSampleId :
C0JT3DL

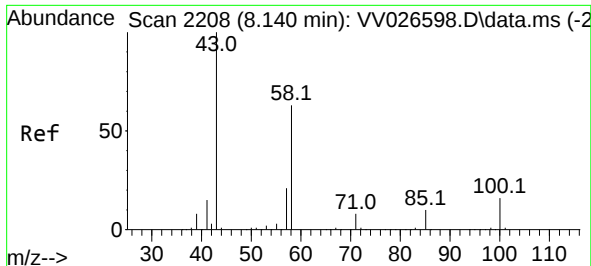
Tgt Ion: 62 Resp: 2721
Ion Ratio Lower Upper
62 100
98 12.0 8.8 13.2



#35
Methylcyclohexane
Concen: 8.619 ug/L
RT: 6.076 min Scan# 1566
Delta R.T. -0.058 min
Lab File: VV026608.D
Acq: 30 Jun 2022 15:32

Tgt Ion: 83 Resp: 40882
Ion Ratio Lower Upper
83 100
55 0.6 55.6 83.4#
98 1.8 39.8 59.6#





#48

2-Hexanone

Concen: 6.436 ug/L

RT: 8.095 min Scan# 2194

Delta R.T. -0.045 min

Lab File: VV026608.D

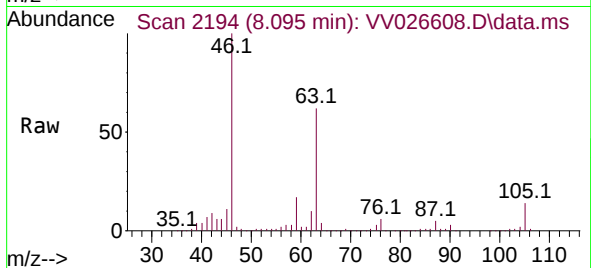
Acq: 30 Jun 2022 15:32

Instrument :

MSVOA_V

ClientSampleId :

C0JT3DL



Tgt Ion: 43 Resp: 15714

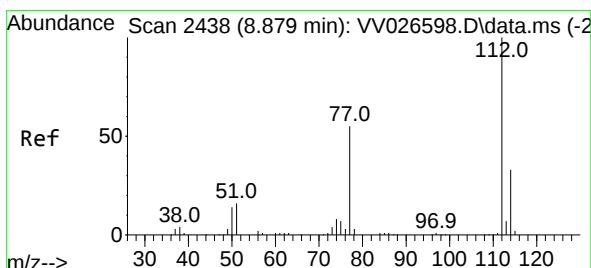
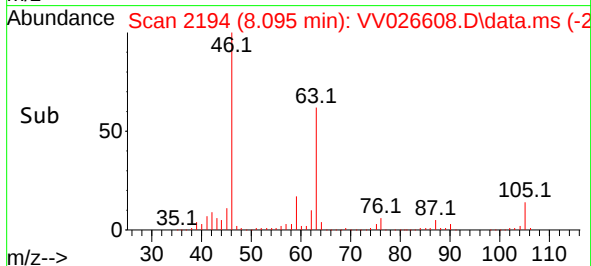
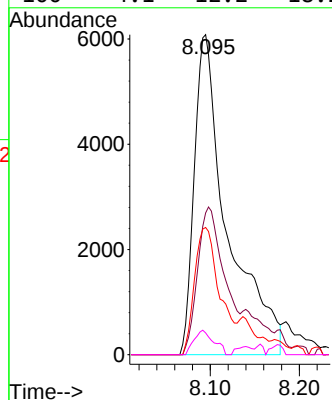
Ion Ratio Lower Upper

43 100

58 37.7 49.2 73.8#

57 30.7 16.5 24.7#

100 4.1 12.2 18.2#



#51

Chlorobenzene

Concen: 7.650 ug/L

RT: 8.883 min Scan# 2439

Delta R.T. 0.003 min

Lab File: VV026608.D

Acq: 30 Jun 2022 15:32

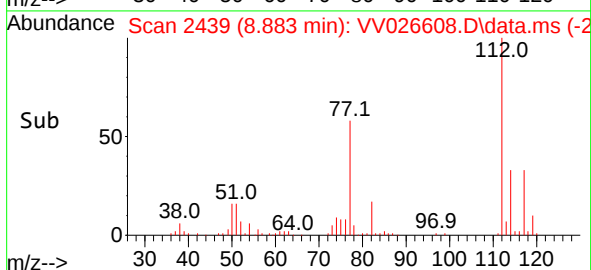
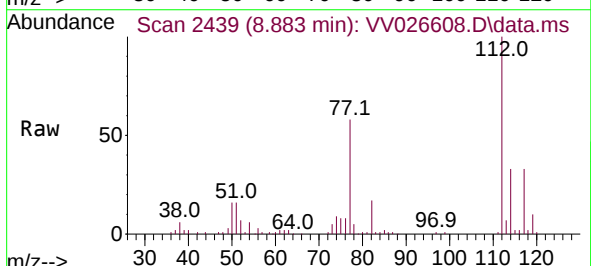
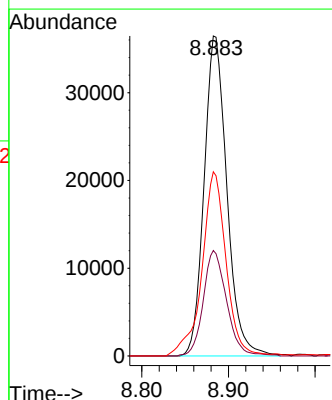
Tgt Ion: 112 Resp: 66771

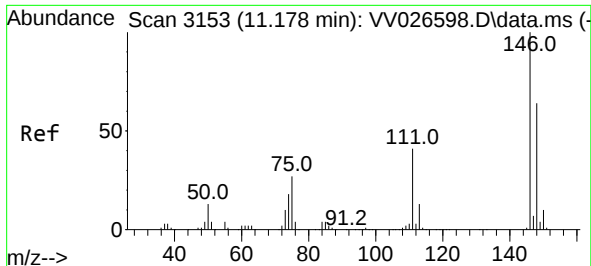
Ion Ratio Lower Upper

112 100

114 33.0 22.0 41.0

77 57.5 42.4 63.6

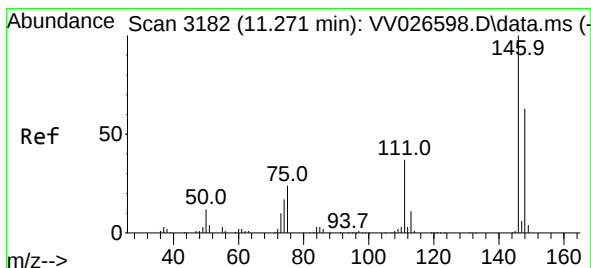
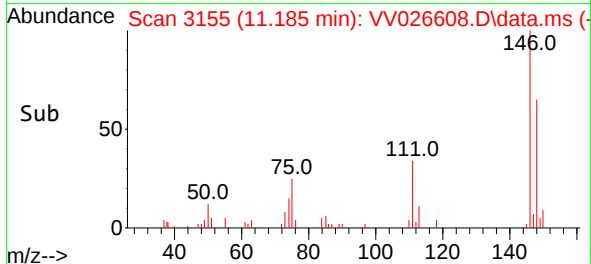
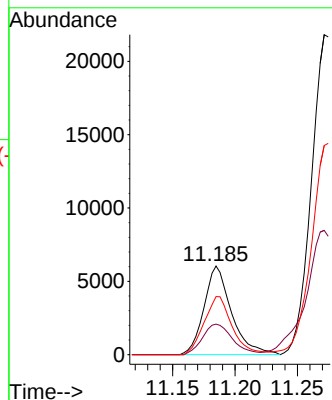
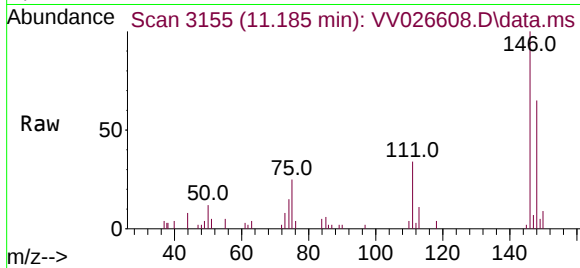




#64
1,3-Dichlorobenzene
Concen: 1.751 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.007 min
Lab File: VV026608.D
Acq: 30 Jun 2022 15:32

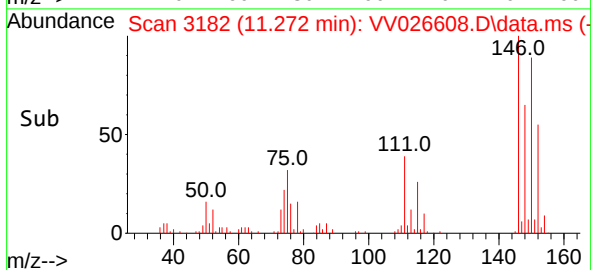
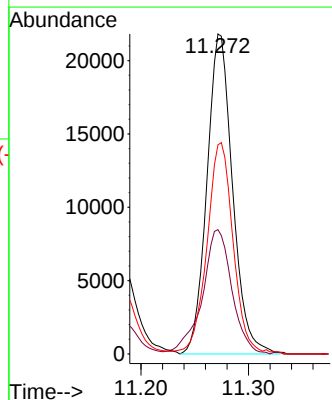
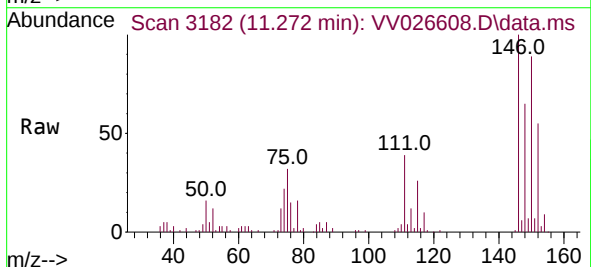
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C0JT3DL

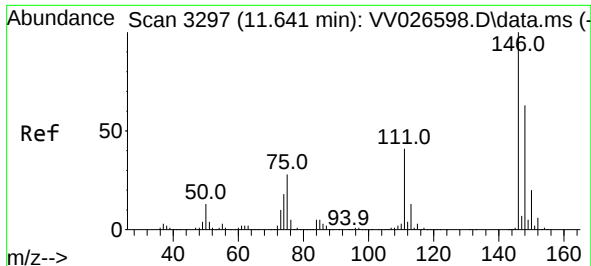
Tgt Ion:146 Resp: 9268
Ion Ratio Lower Upper
146 100
111 34.5 27.4 51.0
148 65.4 45.1 83.9



#65
1,4-Dichlorobenzene
Concen: 6.601 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV026608.D
Acq: 30 Jun 2022 15:32

Tgt Ion:146 Resp: 36233
Ion Ratio Lower Upper
146 100
111 38.9 26.4 49.0
148 65.3 44.9 83.3





#67

1,2-Dichlorobenzene

Concen: 50.218 ug/L

RT: 11.641 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV026608.D

Acq: 30 Jun 2022 15:32

Instrument :

MSVOA_V

ClientSampleId :

C0JT3DL

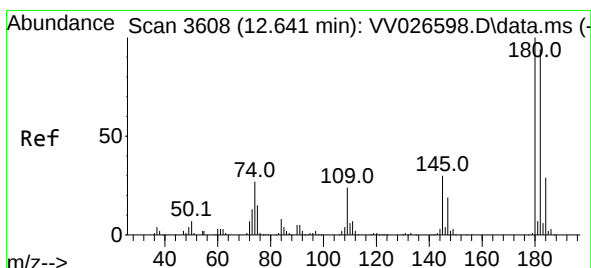
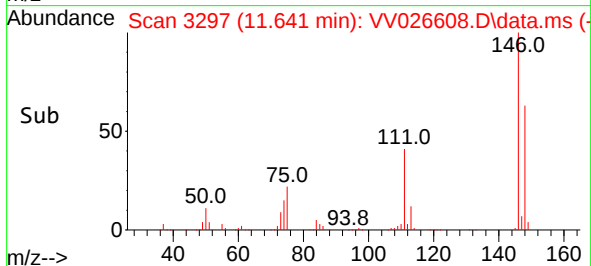
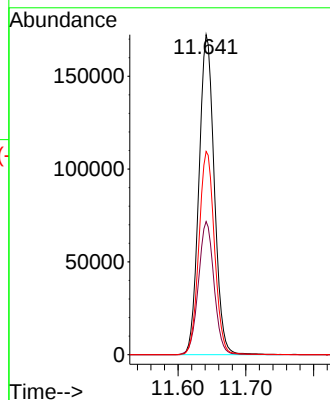
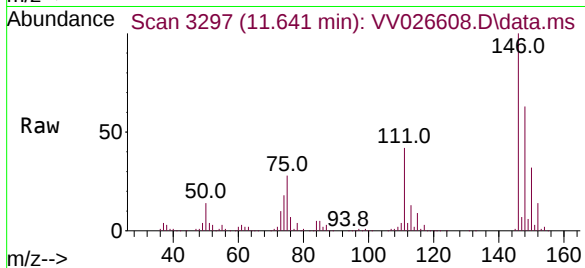
Tgt Ion:146 Resp: 270855

Ion Ratio Lower Upper

146 100

111 41.6 32.8 49.2

148 63.5 50.9 76.3



#69

1,3,5-Trichlorobenzene

Concen: 11.851 ug/L

RT: 13.259 min Scan# 3800

Delta R.T. 0.618 min

Lab File: VV026608.D

Acq: 30 Jun 2022 15:32

Tgt Ion:180 Resp: 43175

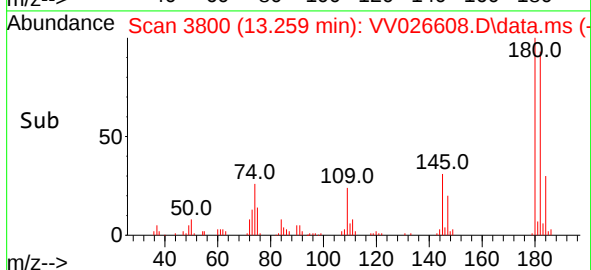
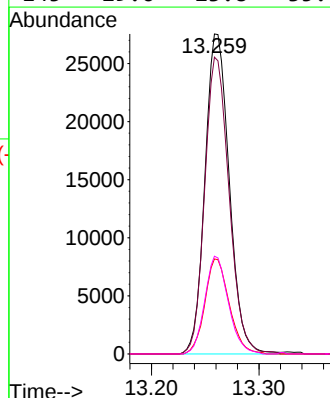
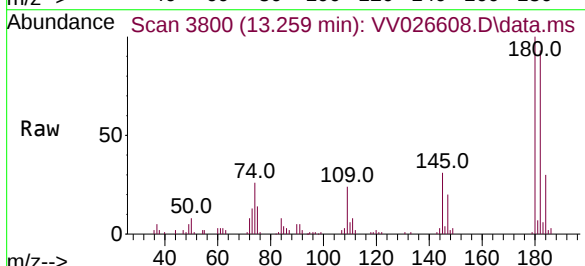
Ion Ratio Lower Upper

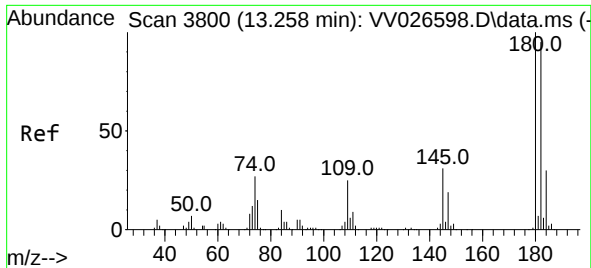
180 100

182 92.9 74.9 112.3

184 29.7 23.5 35.3

145 29.6 23.8 35.6

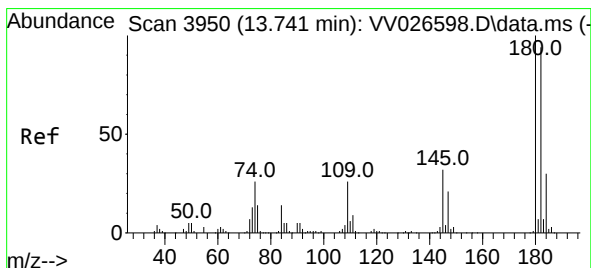
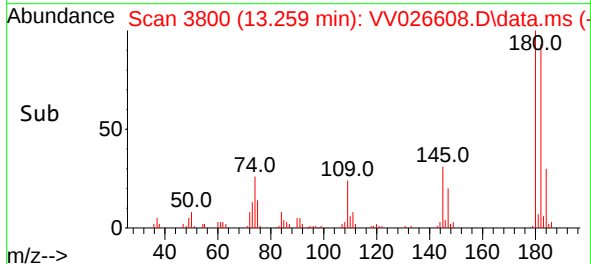
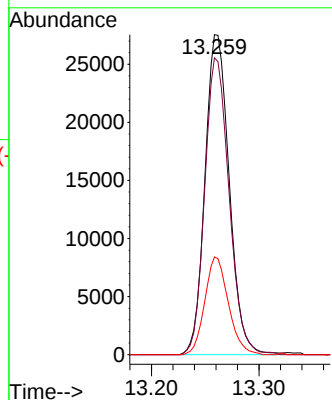
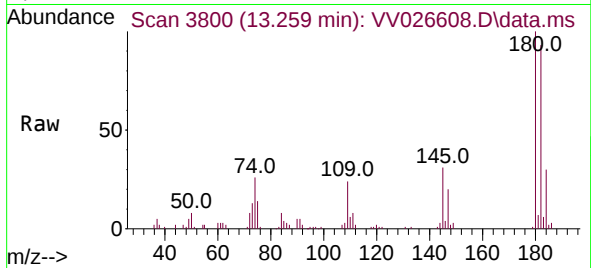




#70
1,2,4-trichlorobenzene
Concen: 14.099 ug/L
RT: 13.259 min Scan# 3800
Delta R.T. 0.000 min
Lab File: VV026608.D
Acq: 30 Jun 2022 15:32

Instrument :
MSVOA_V
ClientSampleId :
C0JT3DL

Tgt Ion:180 Resp: 43175
Ion Ratio Lower Upper
180 100
182 92.9 75.9 113.9
145 29.6 24.5 36.7



#72
1,2,3-Trichlorobenzene
Concen: 7.106 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.003 min
Lab File: VV026608.D
Acq: 30 Jun 2022 15:32

Tgt Ion:180 Resp: 22091
Ion Ratio Lower Upper
180 100
182 92.3 76.1 114.1
145 31.5 26.3 39.5

