

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100224\
 Data File : VU061070.D
 Acq On : 02 Oct 2024 12:47
 Operator : MD/SY
 Sample : P4227-04 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 03 06:29:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 03 06:26:52 2024
 Response via : Initial Calibration

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

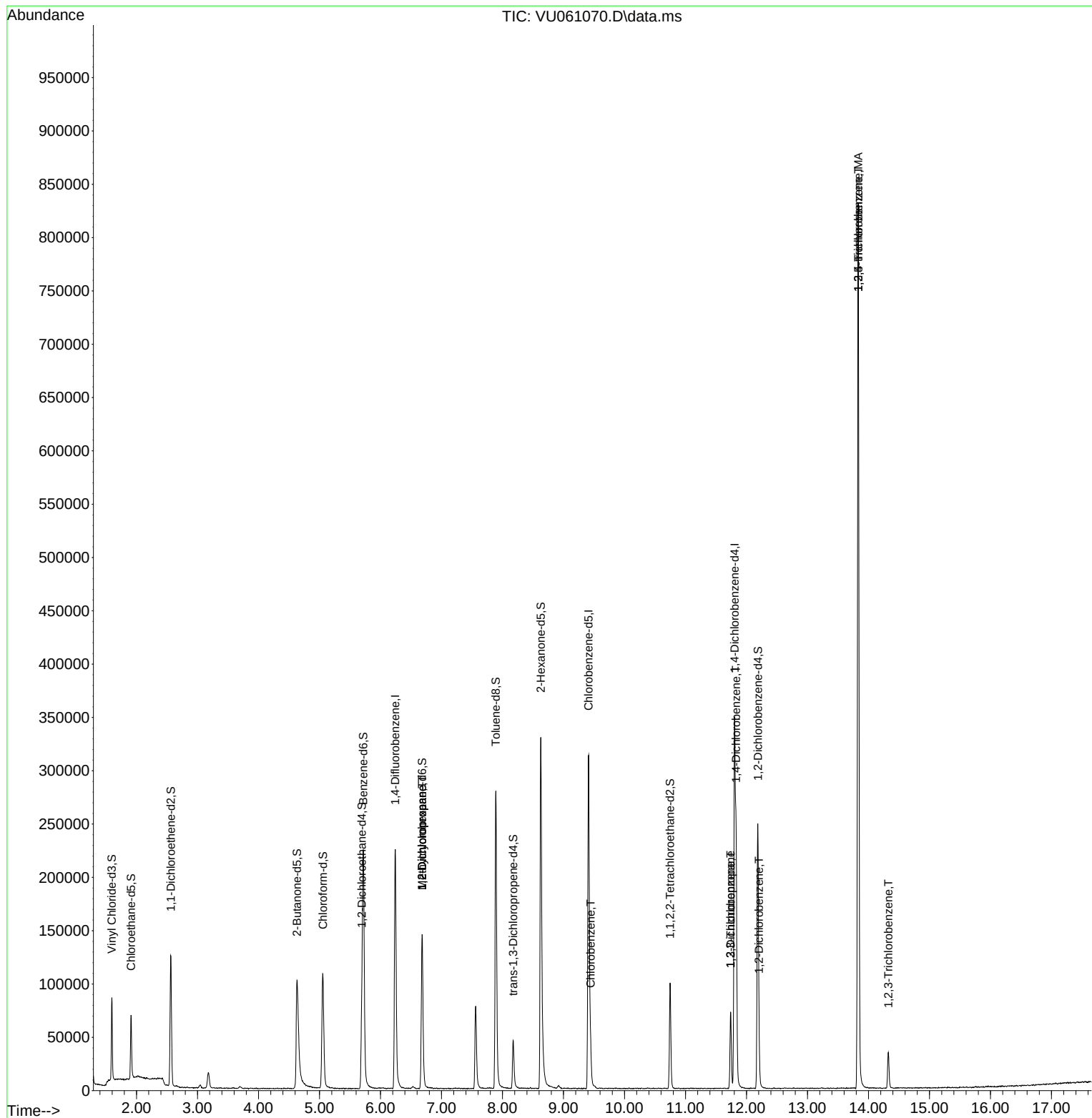
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	184814	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	174045	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	82502	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	53538	4.052	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	81.000%		
7) Chloroethane-d5	1.911	69	42673	4.315	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	86.200%		
11) 1,1-Dichloroethene-d2	2.563	65	24112	4.137	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	82.800%		
20) 2-Butanone-d5	4.631	46	147472	46.594	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	93.180%		
24) Chloroform-d	5.055	84	101590	4.362	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	87.200%		
26) 1,2-Dichloroethane-d4	5.695	65	56804	4.602	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	92.000%		
32) Benzene-d6	5.717	84	208440	4.542	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	90.800%		
36) 1,2-Dichloropropane-d6	6.682	67	70047	4.648	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	93.000%		
41) Toluene-d8	7.891	98	189772	4.424	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	88.400%		
43) trans-1,3-Dichloroprop...	8.174	79	28180	4.373	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	87.400%		
46) 2-Hexanone-d5	8.627	63	123777	46.407	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	92.820%		
56) 1,1,2,2-Tetrachloroeth...	10.746	84	50604	4.579	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	91.600%		
66) 1,2-Dichlorobenzene-d4	12.187	152	62524	4.740	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	94.800%		
Target Compounds						Qvalue
35) Methylcyclohexane	6.682	83	15794	0.703	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	7975	0.590	ug/L #	93
51) Chlorobenzene	9.444	112	19827	0.596	ug/L	91
61) 1,2,3-Trichloropropane	11.740	75	10330	1.275	ug/L #	48
64) 1,3-Dichlorobenzene	11.740	146	26998	1.141	ug/L	95
65) 1,4-Dichlorobenzene	11.830	146	86081	3.682	ug/L	96
67) 1,2-Dichlorobenzene	12.206	146	6400	0.293	ug/L	92
69) 1,3,5-Trichlorobenzene	13.833	180	238114	14.299	ug/L #	96
70) 1,2,4-trichlorobenzene	13.833	180	238114	18.659	ug/L	96
72) 1,2,3-Trichlorobenzene	14.325	180	10366	0.976	ug/L	96

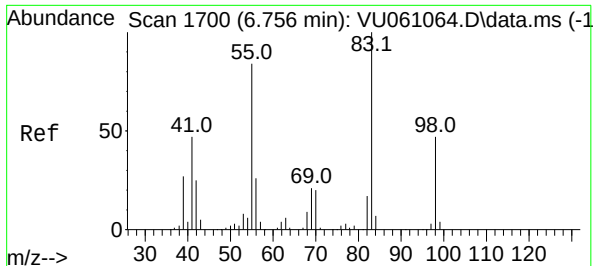
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100224\
Data File : VU061070.D
Acq On : 02 Oct 2024 12:47
Operator : MD/SY
Sample : P4227-04 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Oct 03 06:29:03 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100124WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Oct 03 06:26:52 2024
Response via : Initial Calibration





#35

Methylcyclohexane

Concen: 0.703 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.074 min

Lab File: VU061070.D

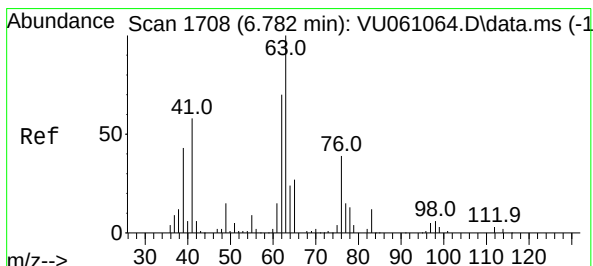
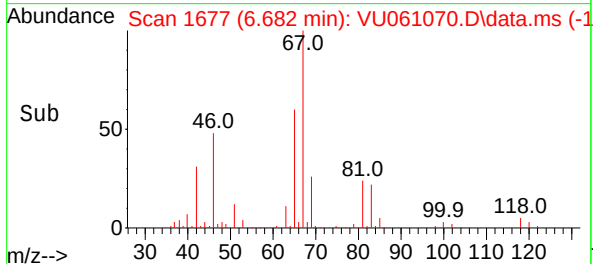
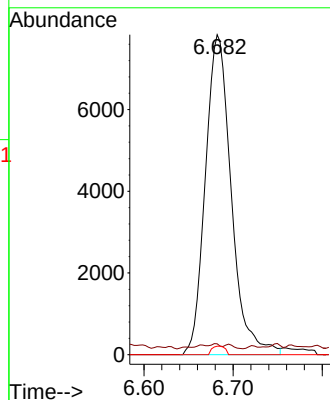
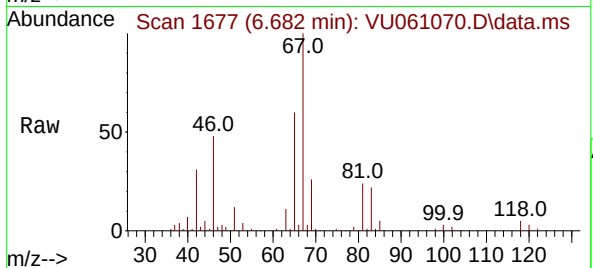
Acq: 02 Oct 2024 12:47

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	15794
Ion Ratio	Lower	Upper	
83	100		
55	0.3	62.6	94.0#
98	1.3	37.6	56.4#



#37

1,2-Dichloropropane

Concen: 0.590 ug/L

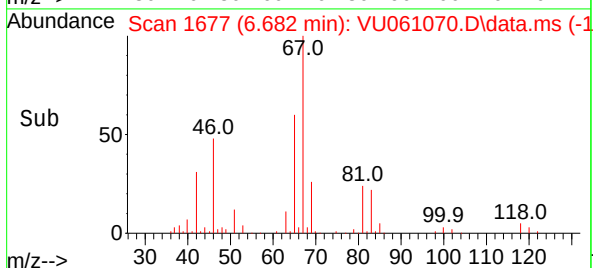
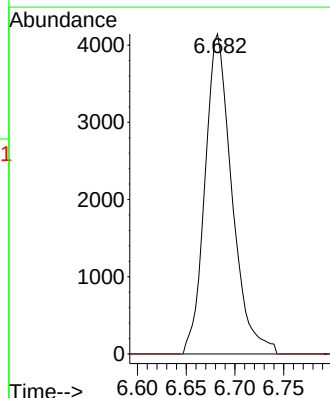
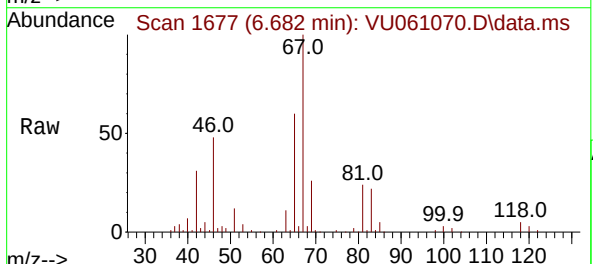
RT: 6.682 min Scan# 1677

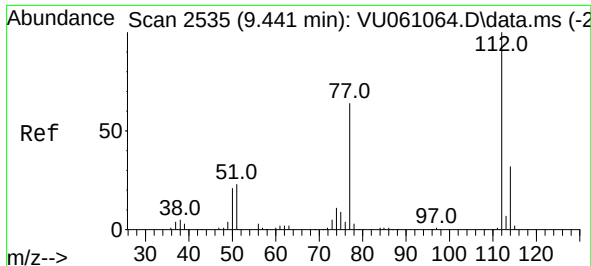
Delta R.T. -0.100 min

Lab File: VU061070.D

Acq: 02 Oct 2024 12:47

Tgt Ion:	63	Resp:	7975
Ion Ratio	Lower	Upper	
63	100		
112	0.0	2.0	3.0#





#51

Chlorobenzene

Concen: 0.596 ug/L

RT: 9.444 min Scan# 2535

Delta R.T. 0.003 min

Lab File: VU061070.D

Acq: 02 Oct 2024 12:47

Instrument :

MSVOA_U

ClientSampleId :

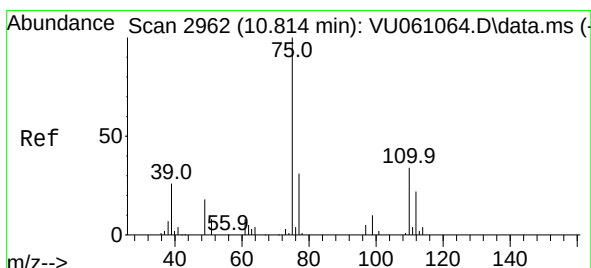
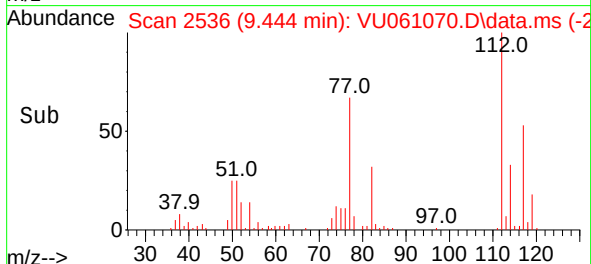
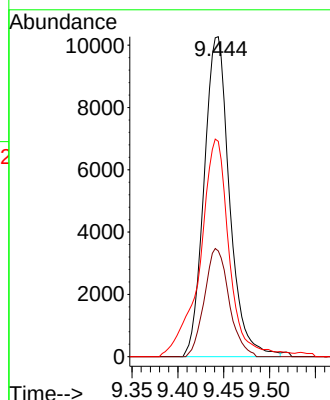
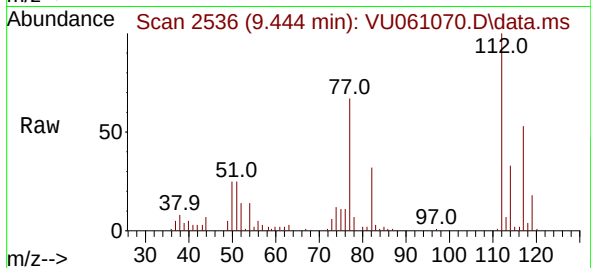
Tgt Ion:112 Resp: 19827

Ion Ratio Lower Upper

112 100

114 33.1 22.2 41.2

77 67.3 46.1 69.1



#61

1,2,3-Trichloropropane

Concen: 1.275 ug/L

RT: 11.740 min Scan# 3250

Delta R.T. 0.926 min

Lab File: VU061070.D

Acq: 02 Oct 2024 12:47

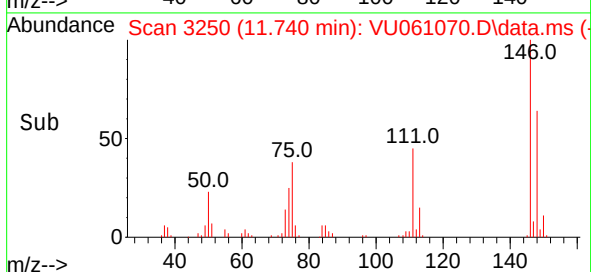
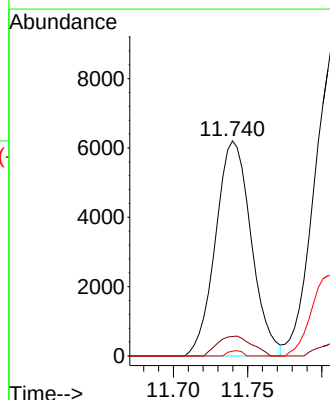
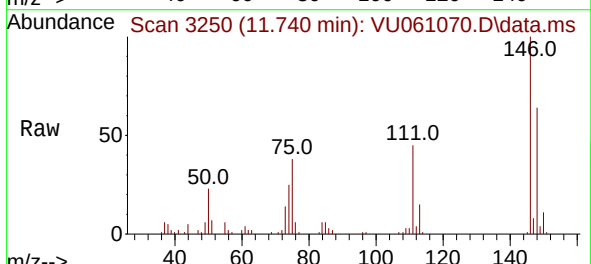
Tgt Ion: 75 Resp: 10330

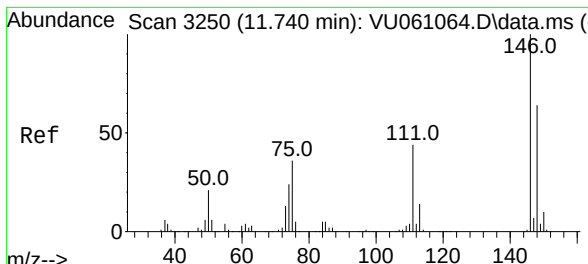
Ion Ratio Lower Upper

75 100

110 8.9 28.6 43.0#

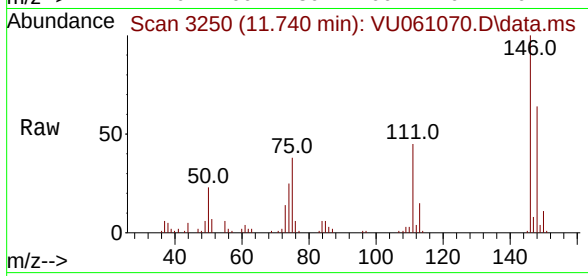
77 0.0 26.3 39.5#



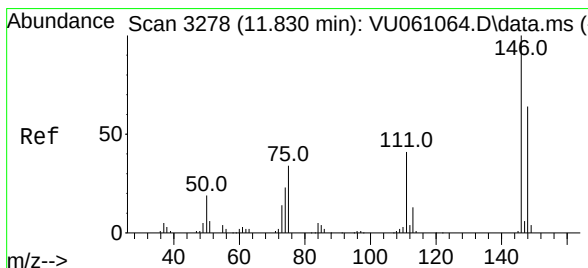
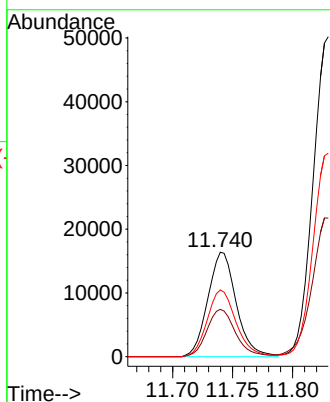
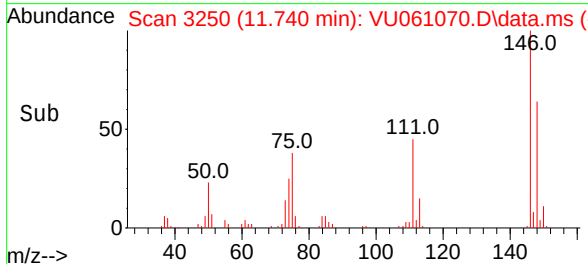


#64
1,3-Dichlorobenzene
Concen: 1.141 ug/L
RT: 11.740 min Scan# 3250
Delta R.T. -0.000 min
Lab File: VU061070.D
Acq: 02 Oct 2024 12:47

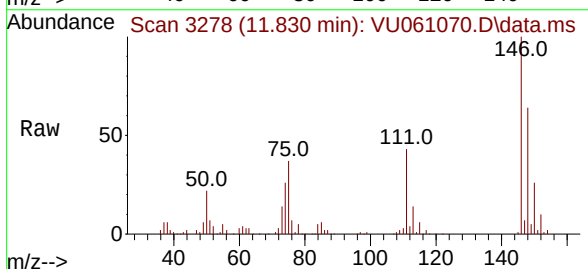
Instrument :
MSVOA_U
ClientSampleId :



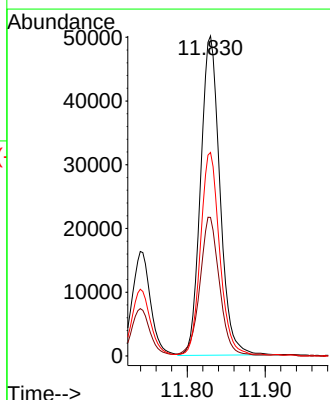
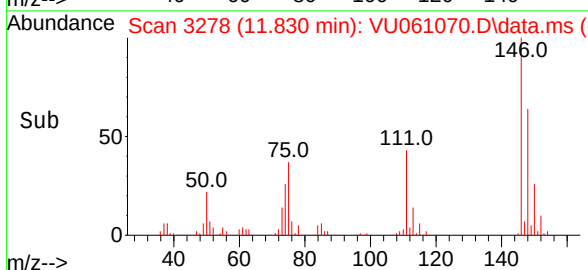
Tgt Ion:146 Resp: 26998
Ion Ratio Lower Upper
146 100
111 45.3 27.5 51.1
148 63.8 43.7 81.1

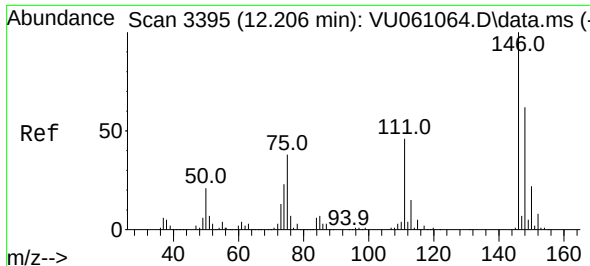


#65
1,4-Dichlorobenzene
Concen: 3.682 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.000 min
Lab File: VU061070.D
Acq: 02 Oct 2024 12:47



Tgt Ion:146 Resp: 86081
Ion Ratio Lower Upper
146 100
111 43.3 26.3 48.9
148 63.6 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 0.293 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. -0.000 min

Lab File: VU061070.D

Acq: 02 Oct 2024 12:47

Instrument :

MSVOA_U

ClientSampleId :

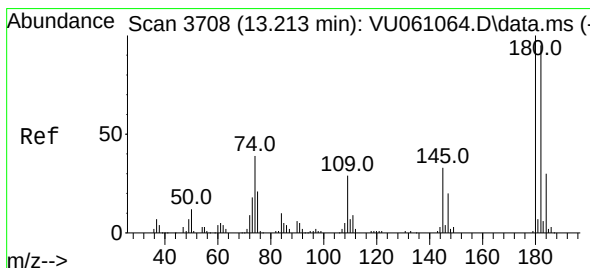
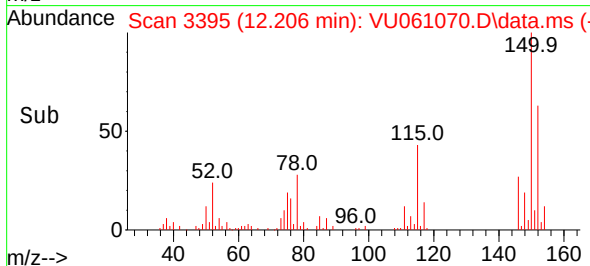
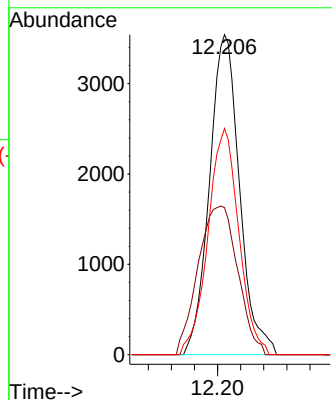
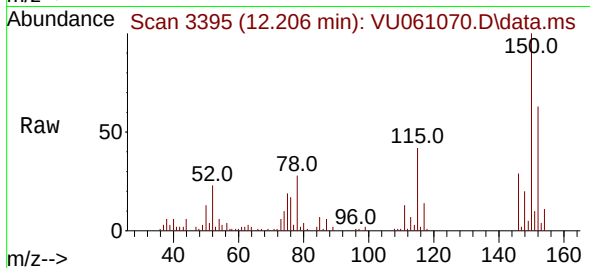
Tgt Ion:146 Resp: 6400

Ion Ratio Lower Upper

146 100

111 45.9 33.4 50.0

148 70.7 50.9 76.3



#69

1,3,5-Trichlorobenzene

Concen: 14.299 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. 0.620 min

Lab File: VU061070.D

Acq: 02 Oct 2024 12:47

Tgt Ion:180 Resp: 238114

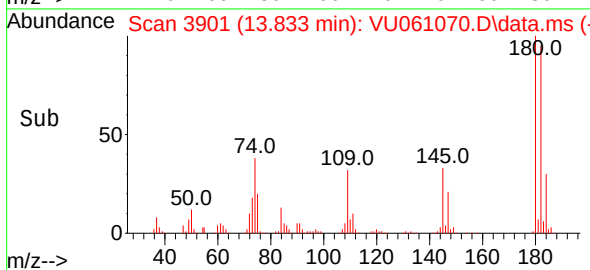
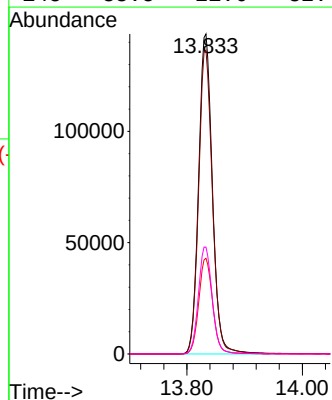
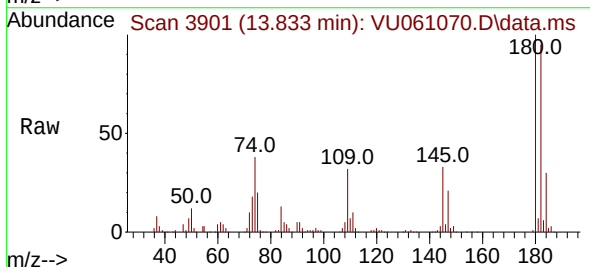
Ion Ratio Lower Upper

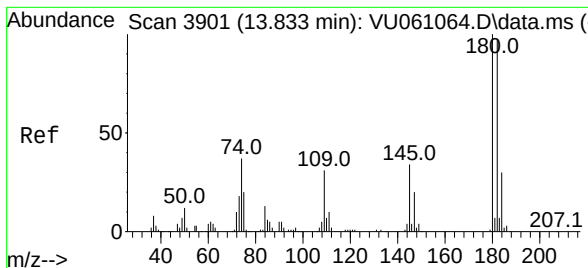
180 100

182 94.8 74.5 111.7

184 30.1 23.2 34.8

145 33.5 21.6 32.4#





#70

1,2,4-trichlorobenzene

Concen: 18.659 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.000 min

Lab File: VU061070.D

Acq: 02 Oct 2024 12:47

Instrument :

MSVOA_U

ClientSampleId :

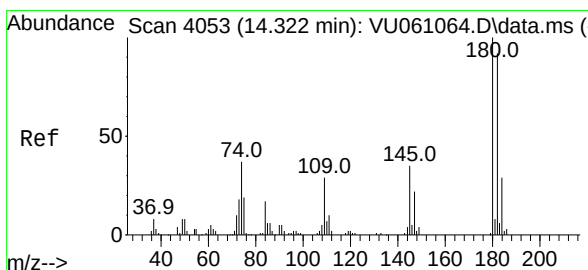
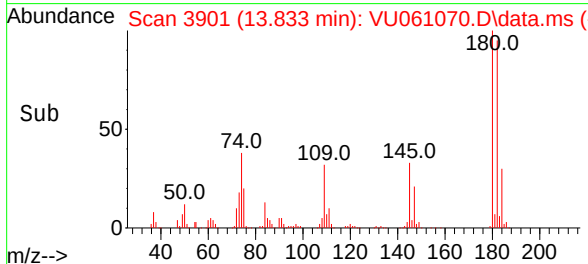
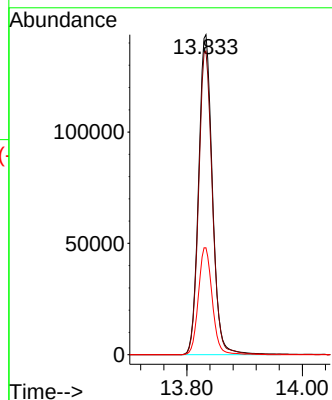
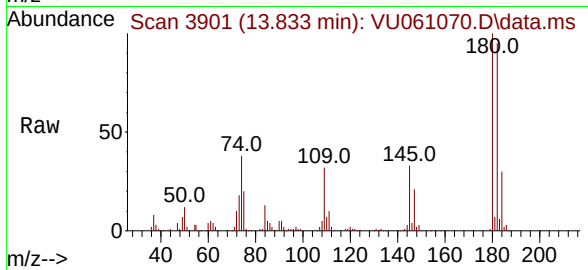
Tgt Ion:180 Resp: 238114

Ion Ratio Lower Upper

180 100

182 94.8 77.4 116.2

145 33.5 22.9 34.3



#72

1,2,3-Trichlorobenzene

Concen: 0.976 ug/L

RT: 14.325 min Scan# 4054

Delta R.T. 0.003 min

Lab File: VU061070.D

Acq: 02 Oct 2024 12:47

Tgt Ion:180 Resp: 10366

Ion Ratio Lower Upper

180 100

182 91.1 75.7 113.5

145 33.2 23.5 35.3

