

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020724\
 Data File : VU057848.D
 Acq On : 07 Feb 2024 18:24
 Operator : MD/SY
 Sample : P1081-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 08 01:29:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM020724WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 08 01:18:21 2024
 Response via : Initial Calibration

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

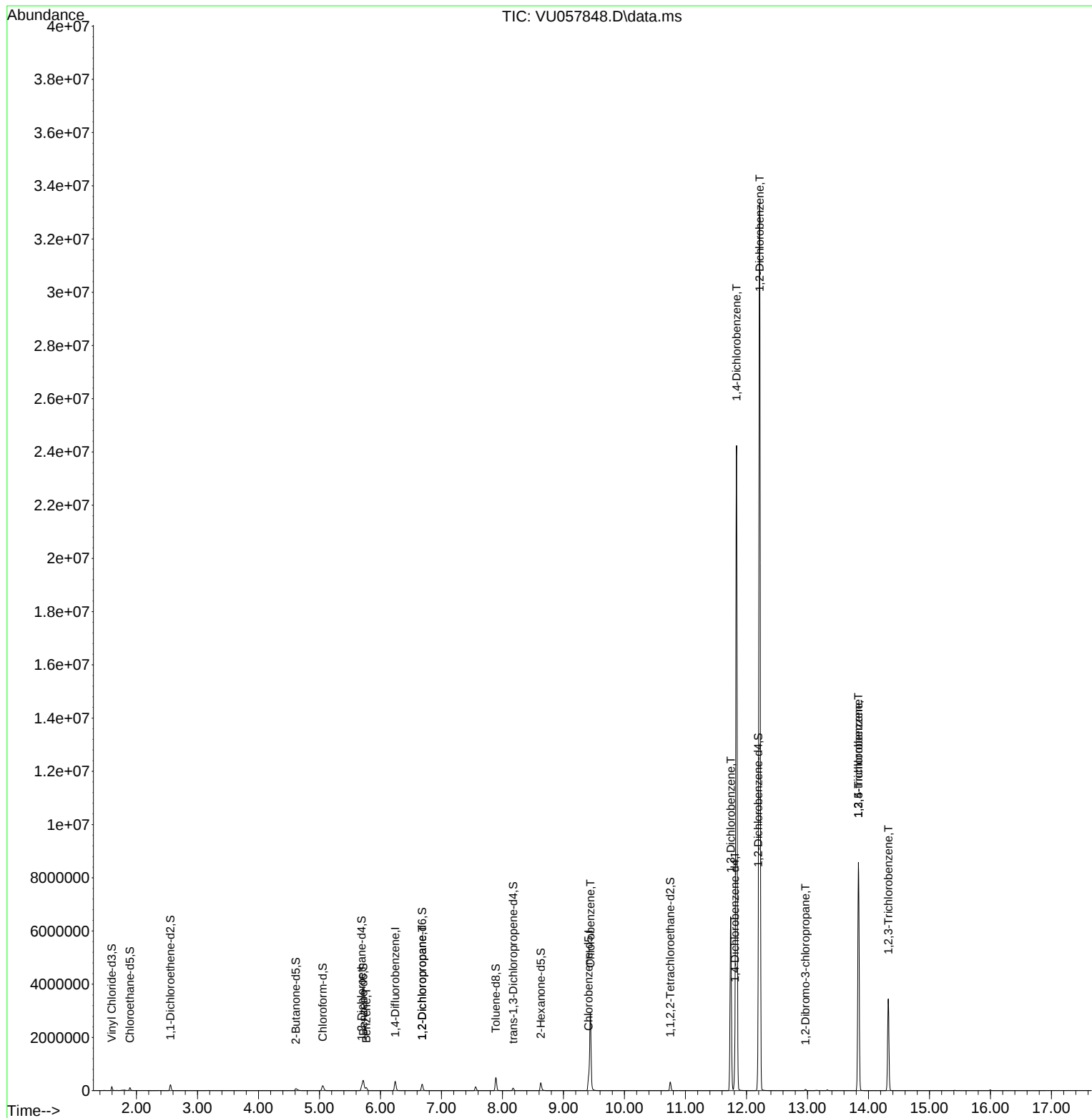
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	278329	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	264530	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	140331	50.000	ug/L	# 0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	106354	47.740	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	95.480%		
7) Chloroethane-d5	1.891	69	81022	46.881	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery =	93.760%		
11) 1,1-Dichloroethene-d2	2.557	63	135442	33.103	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	66.200%		
21) 2-Butanone-d5	4.612	46	104264	84.332	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	84.330%		
24) Chloroform-d	5.052	84	174386	44.128	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.260%		
26) 1,2-Dichloroethane-d4	5.692	65	117581	46.935	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.860%		
32) Benzene-d6	5.718	84	361796	45.273	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.540%		
36) 1,2-Dichloropropane-d6	6.682	67	115078	45.600	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	91.200%		
41) Toluene-d8	7.891	98	319747	44.133	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.260%		
43) trans-1,3-Dichloroprop...	8.174	79	57278	46.396	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	92.800%		
47) 2-Hexanone-d5	8.628	63	102147	99.161	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	99.160%		
56) 1,1,2,2-Tetrachloroeth...	10.750	84	163662	49.818	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	99.640%		
66) 1,2-Dichlorobenzene-d4	12.193	152	124138	46.045	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.080%		
Target Compounds					Qvalue	
33) Benzene	5.769	78	109687	13.099	ug/L	100
37) 1,2-Dichloropropane	6.682	63	12994	5.660	ug/L	# 88
51) Chlorobenzene	9.441	112	1519286	272.762	ug/L	98
64) 1,3-Dichlorobenzene	11.743	146	2473987	556.968	ug/L	98
65) 1,4-Dichlorobenzene	11.836	146	9103756	1998.166	ug/L	99
67) 1,2-Dichlorobenzene	12.216	146	12653895	2825.914	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.965	75	9032	12.122	ug/L	# 11
69) 1,3,5-Trichlorobenzene	13.836	180	2393061	764.928	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	2393061	895.455	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	954038	381.522	ug/L	100

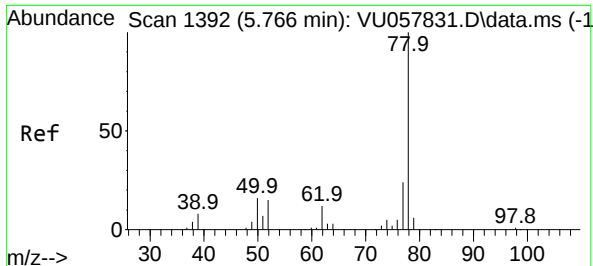
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020724\
Data File : VU057848.D
Acq On : 07 Feb 2024 18:24
Operator : MD/SY
Sample : P1081-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Feb 08 01:29:50 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM020724WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Feb 08 01:18:21 2024
Response via : Initial Calibration

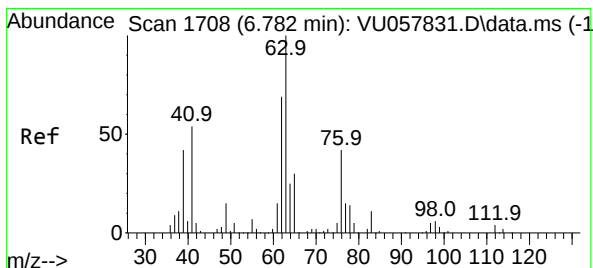
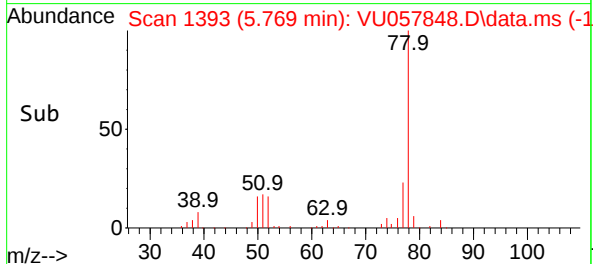
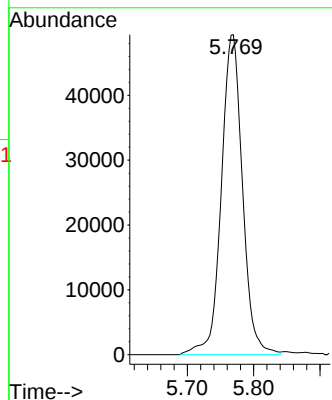
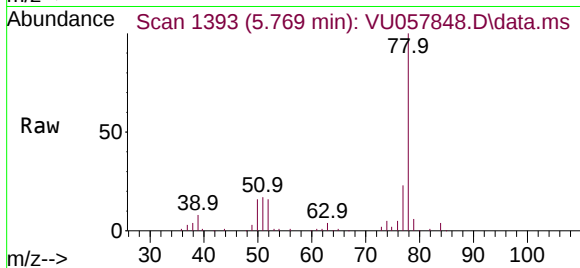




#33
Benzene
Concen: 13.099 ug/L
RT: 5.769 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU057848.D
Acq: 07 Feb 2024 18:24

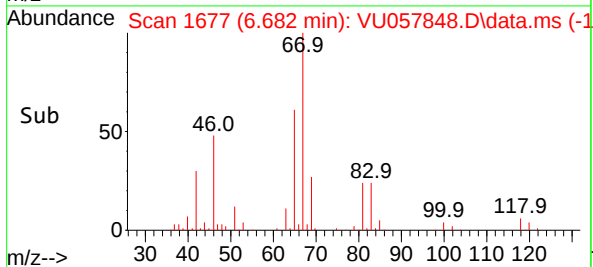
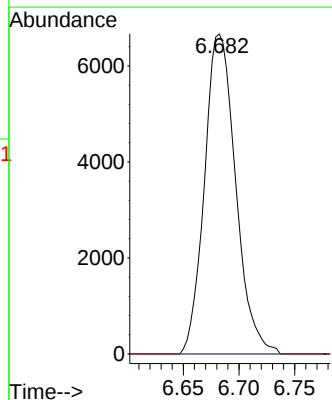
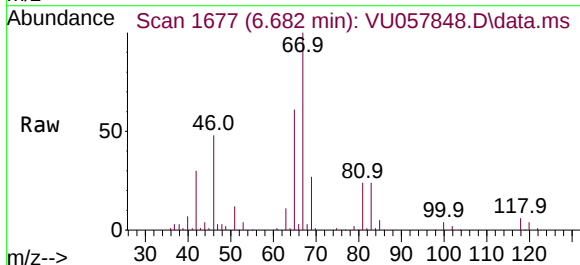
Instrument :
MSVOA_U
ClientSampleId :

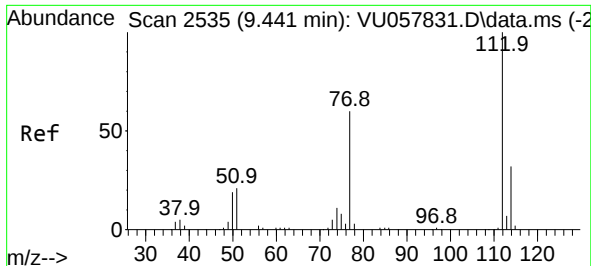
Tgt Ion: 78 Resp: 109687



#37
1,2-Dichloropropane
Concen: 5.660 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.100 min
Lab File: VU057848.D
Acq: 07 Feb 2024 18:24

Tgt Ion: 63 Resp: 12994
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.6#

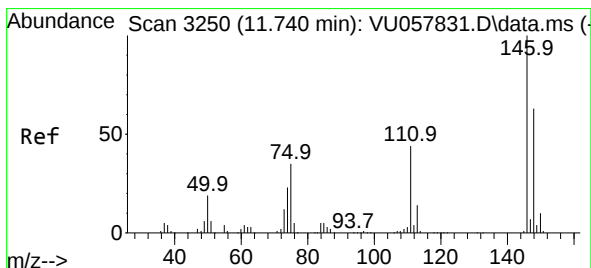
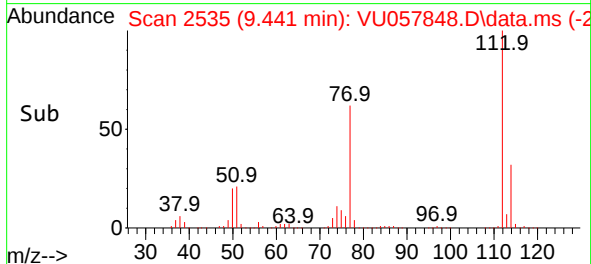
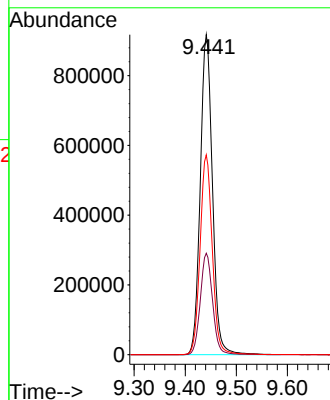
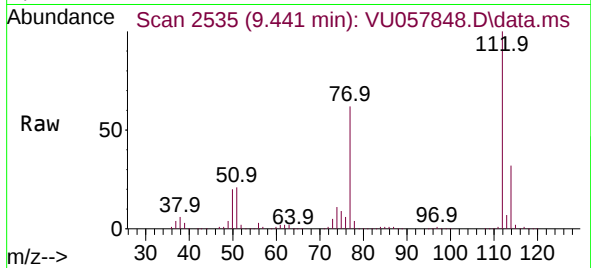




#51
Chlorobenzene
Concen: 272.762 ug/L
RT: 9.441 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU057848.D
Acq: 07 Feb 2024 18:24

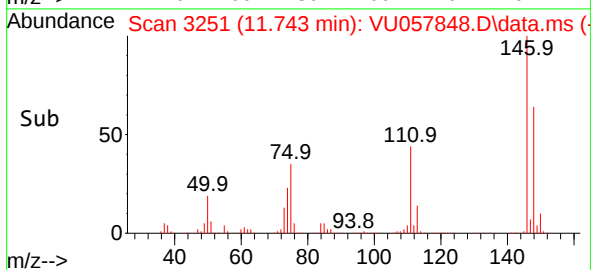
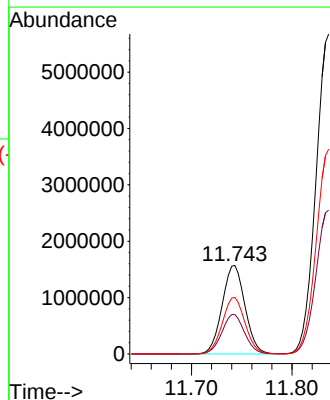
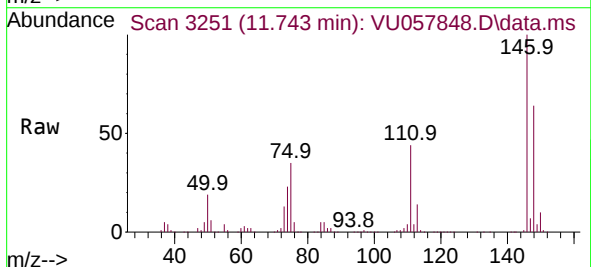
Instrument :
MSVOA_U
ClientSampleId :

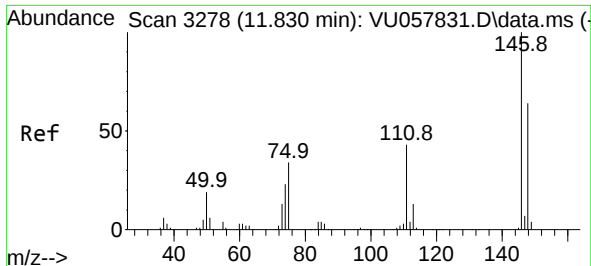
Tgt Ion:112 Resp: 1519286
Ion Ratio Lower Upper
112 100
114 31.7 22.0 41.0
77 62.5 48.2 72.4



#64
1,3-Dichlorobenzene
Concen: 556.968 ug/L
RT: 11.743 min Scan# 3251
Delta R.T. 0.003 min
Lab File: VU057848.D
Acq: 07 Feb 2024 18:24

Tgt Ion:146 Resp: 2473987
Ion Ratio Lower Upper
146 100
111 44.4 31.1 57.7
148 63.9 46.8 86.8





#65

1,4-Dichlorobenzene

Concen: 1998.166 ug/L

RT: 11.836 min Scan# 31

Delta R.T. 0.006 min

Lab File: VU057848.D

Acq: 07 Feb 2024 18:24

Instrument :

MSVOA_U

ClientSampleId :

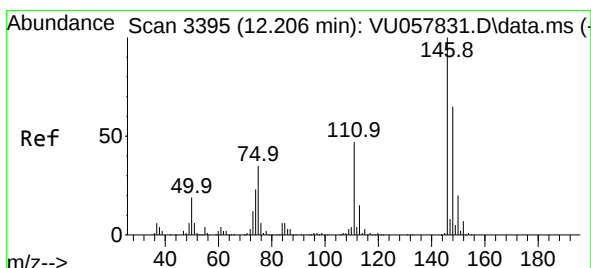
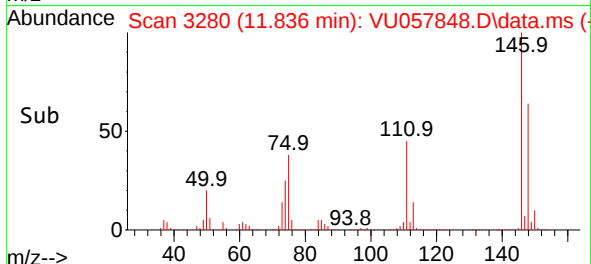
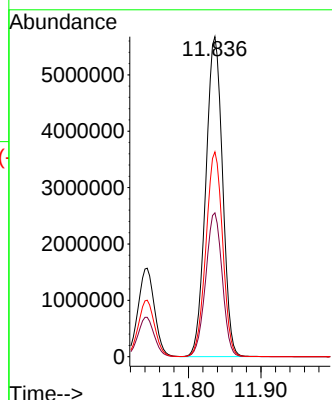
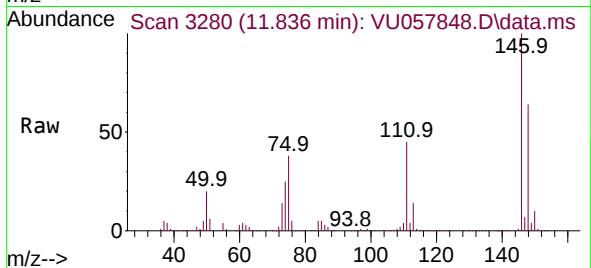
Tgt Ion:146 Resp: 9103756

Ion Ratio Lower Upper

146 100

111 44.9 30.5 56.7

148 64.0 45.3 84.1



#67

1,2-Dichlorobenzene

Concen: 2825.914 ug/L

RT: 12.216 min Scan# 3398

Delta R.T. 0.010 min

Lab File: VU057848.D

Acq: 07 Feb 2024 18:24

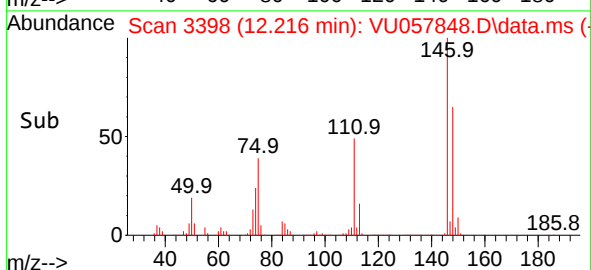
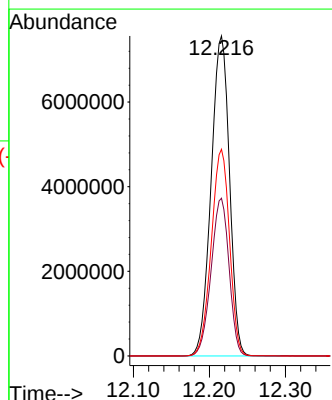
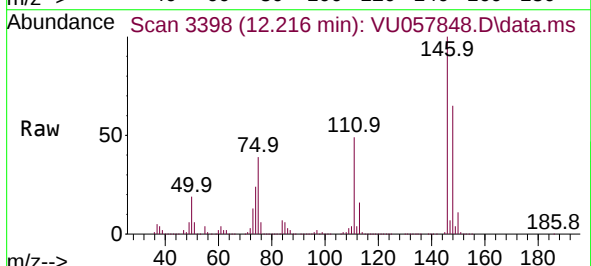
Tgt Ion:146 Resp:12653895

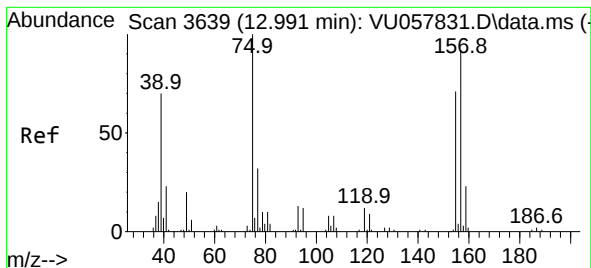
Ion Ratio Lower Upper

146 100

111 49.3 37.8 56.8

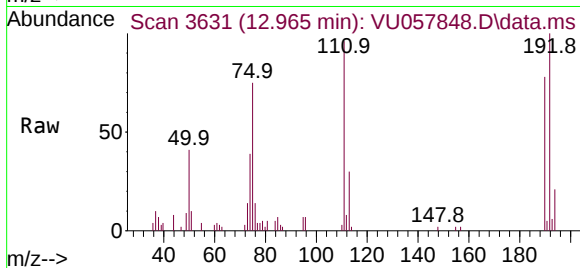
148 64.6 51.7 77.5



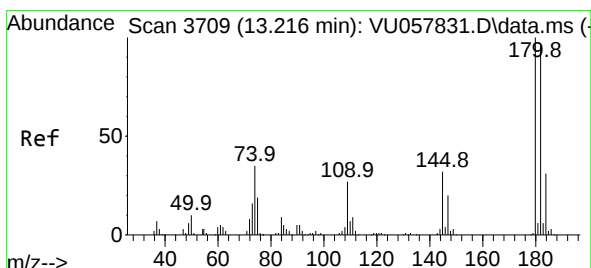
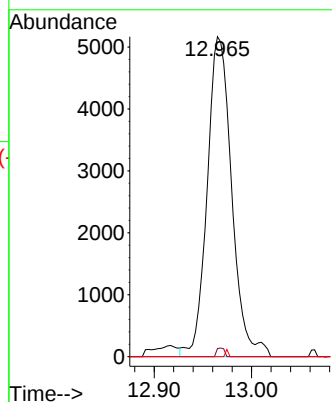
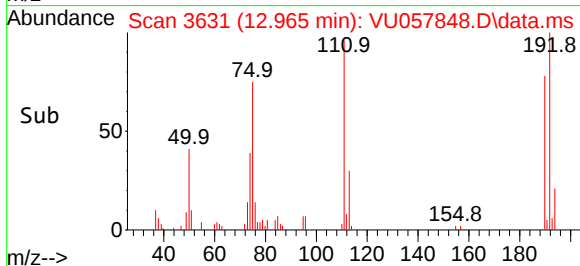


#68
 1,2-Dibromo-3-chloropropane
 Concen: 12.122 ug/L
 RT: 12.965 min Scan# 30
 Delta R.T. -0.026 min
 Lab File: VU057848.D
 Acq: 07 Feb 2024 18:24

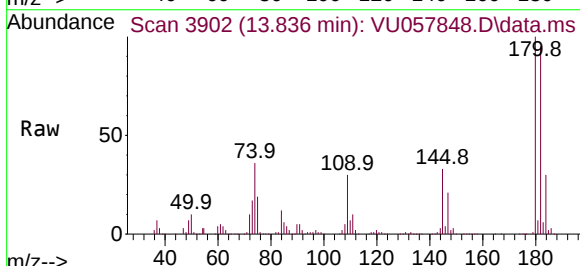
Instrument :
 MSVOA_U
 ClientSampleId :



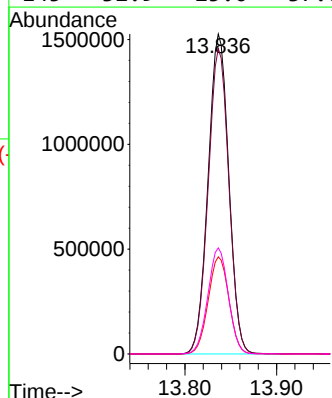
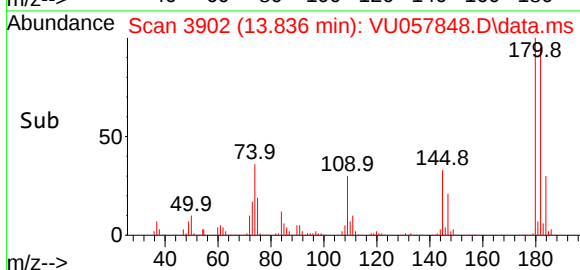
Tgt Ion: 75 Resp: 9032
 Ion Ratio Lower Upper
 75 100
 155 2.6 55.9 83.9#
 157 0.0 71.1 106.7#

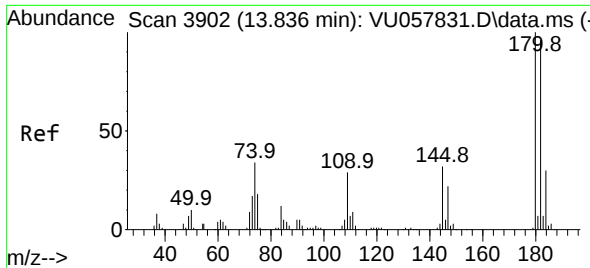


#69
 1,3,5-Trichlorobenzene
 Concen: 764.928 ug/L
 RT: 13.836 min Scan# 3902
 Delta R.T. 0.621 min
 Lab File: VU057848.D
 Acq: 07 Feb 2024 18:24



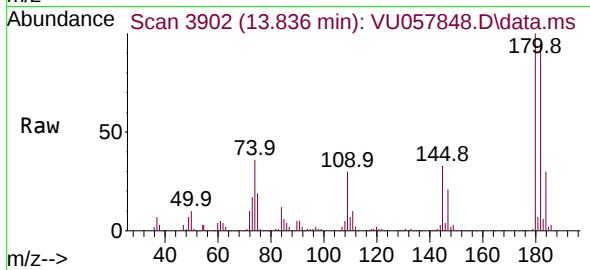
Tgt Ion:180 Resp: 2393061
 Ion Ratio Lower Upper
 180 100
 182 95.5 76.0 114.0
 184 30.5 24.3 36.5
 145 32.9 25.0 37.6



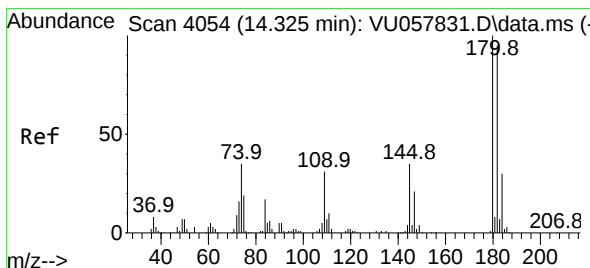
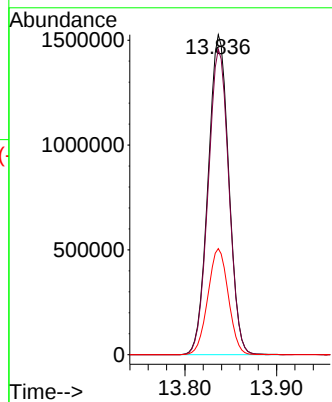
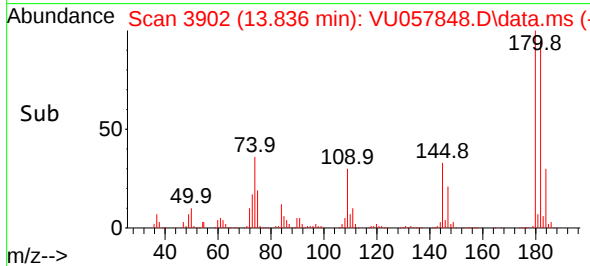


#70
 1,2,4-trichlorobenzene
 Concen: 895.455 ug/L
 RT: 13.836 min Scan# 3902
 Delta R.T. 0.000 min
 Lab File: VU057848.D
 Acq: 07 Feb 2024 18:24

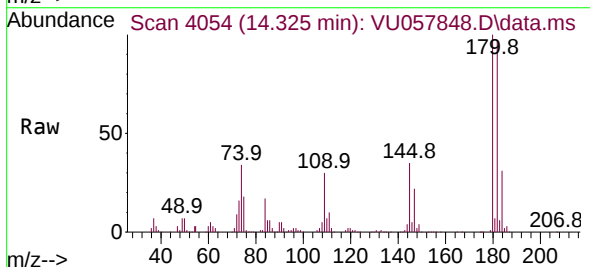
Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:180 Resp: 2393061
 Ion Ratio Lower Upper
 180 100
 182 95.5 76.0 114.0
 145 32.9 25.5 38.3



#72
 1,2,3-Trichlorobenzene
 Concen: 381.522 ug/L
 RT: 14.325 min Scan# 4054
 Delta R.T. 0.000 min
 Lab File: VU057848.D
 Acq: 07 Feb 2024 18:24



Tgt Ion:180 Resp: 954038
 Ion Ratio Lower Upper
 180 100
 182 95.7 76.6 114.8
 145 34.5 27.7 41.5

