

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041124\
 Data File : VU058618.D
 Acq On : 11 Apr 2024 19:10
 Operator : MD/SY
 Sample : VIBLK
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 12 02:30:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 12 02:25:12 2024
 Response via : Initial Calibration

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

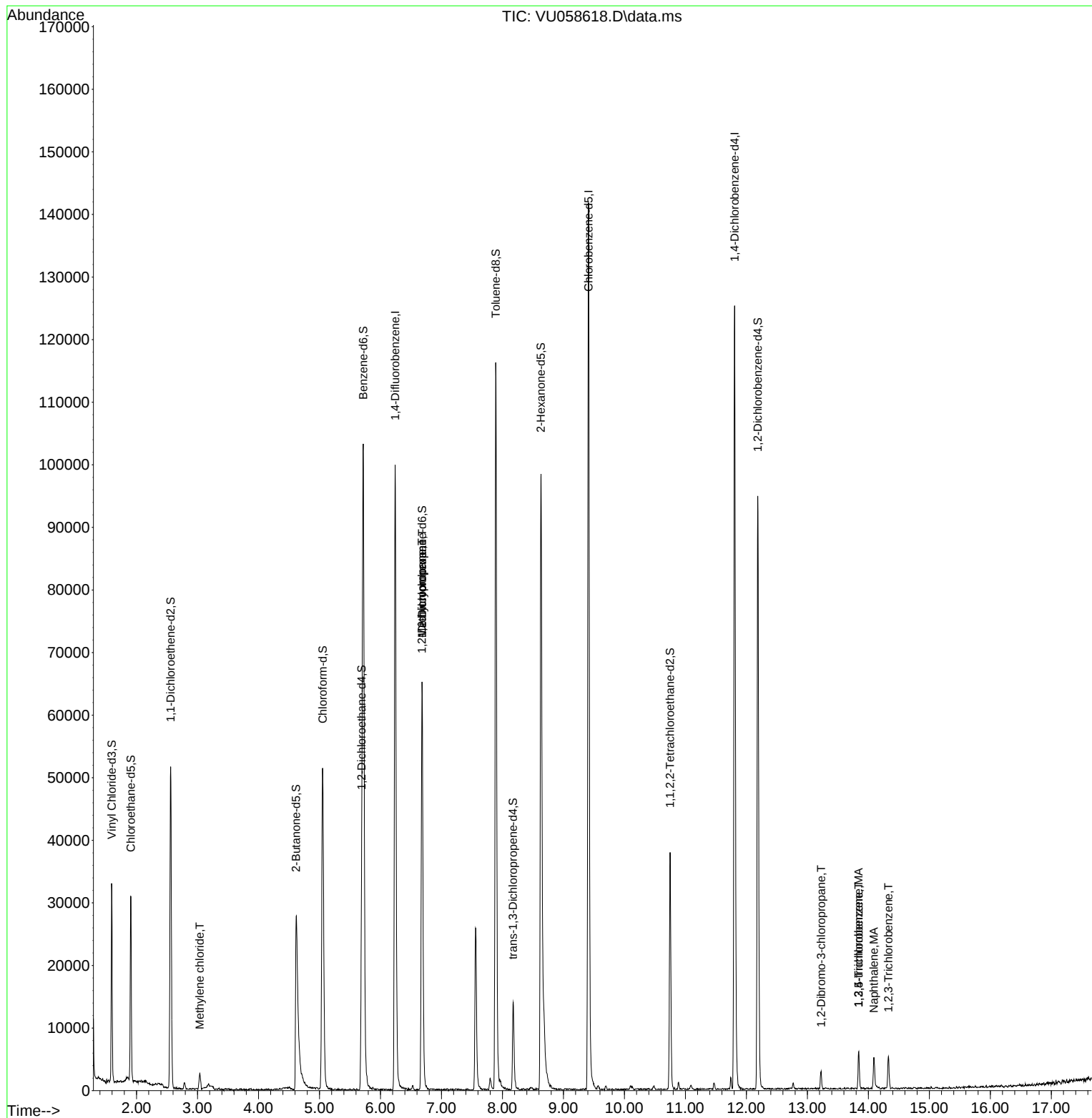
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	76639	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	74940	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	32802	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	21323	4.202	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	84.000%		
7) Chloroethane-d5	1.907	69	20217	4.585	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	91.600%		
11) 1,1-Dichloroethene-d2	2.560	65	10454	4.552	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	91.000%		
20) 2-Butanone-d5	4.618	46	50385	47.120	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery =	94.240%		
24) Chloroform-d	5.052	84	48072	4.746	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	95.000%		
26) 1,2-Dichloroethane-d4	5.692	65	23945	5.066	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	101.400%		
32) Benzene-d6	5.718	84	94538	4.686	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	93.800%		
36) 1,2-Dichloropropane-d6	6.682	67	30628	4.841	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	96.800%		
41) Toluene-d8	7.891	98	78198	4.370	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	87.400%		
43) trans-1,3-Dichloroprop...	8.174	79	8924	4.544	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	90.800%		
46) 2-Hexanone-d5	8.631	63	35779	44.167	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	88.340%		
56) 1,1,2,2-Tetrachloroeth...	10.749	84	19385	4.340	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	86.800%		
66) 1,2-Dichlorobenzene-d4	12.187	152	23987	4.342	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	86.800%		
Target Compounds						Qvalue
16) Methylene chloride	3.036	84	1075	0.149	ug/L	86
35) Methylcyclohexane	6.682	83	6895	0.668	ug/L #	16
37) 1,2-Dichloropropane	6.679	63	3445	0.482	ug/L #	90
68) 1,2-Dibromo-3-chloropr...	13.225	75	147	0.259	ug/L #	4
69) 1,3,5-Trichlorobenzene	13.843	180	2281	0.264	ug/L	96
70) 1,2,4-trichlorobenzene	13.843	180	2281	0.343	ug/L	99
71) Naphthalene	14.090	128	5735	0.629	ug/L #	92
72) 1,2,3-Trichlorobenzene	14.328	180	2069	0.377	ug/L	97

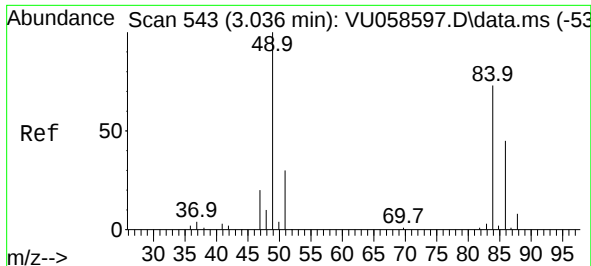
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methylene chloride

Concen: 0.149 ug/L

RT: 3.036 min Scan# 54

Delta R.T. 0.000 min

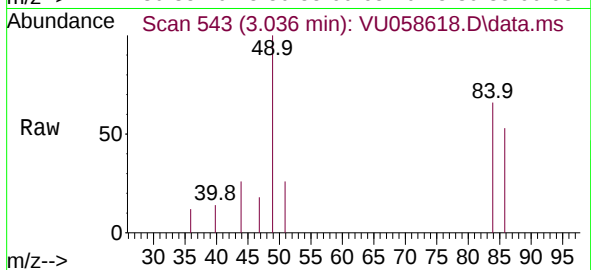
Lab File: VU058618.D

Acq: 11 Apr 2024 19:10

Instrument :

MSVOA_U

ClientSampleId :



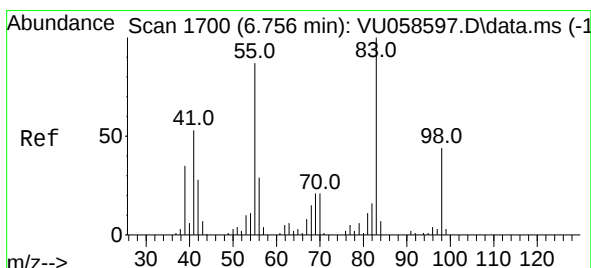
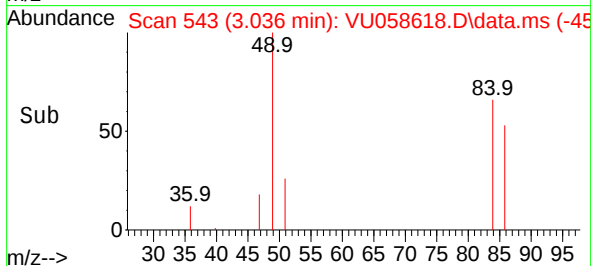
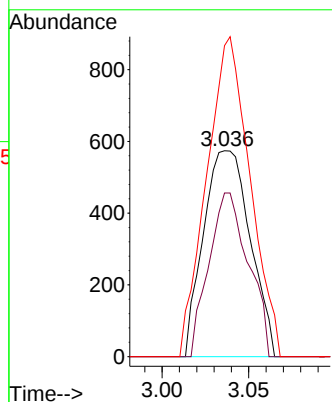
Tgt Ion: 84 Resp: 1075

Ion	Ratio	Lower	Upper
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84	100		
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86	79.4	44.3	82.3
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49	151.0	96.0	178.2
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#35

Methylcyclohexane

Concen: 0.668 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.074 min

Lab File: VU058618.D

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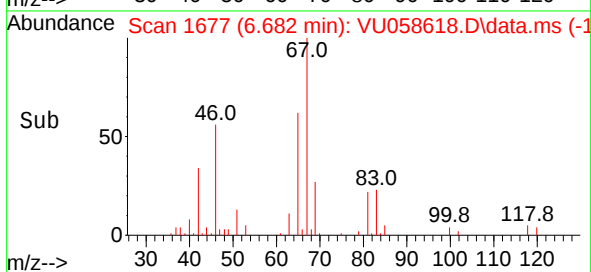
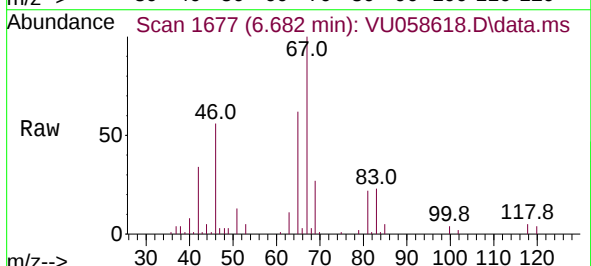
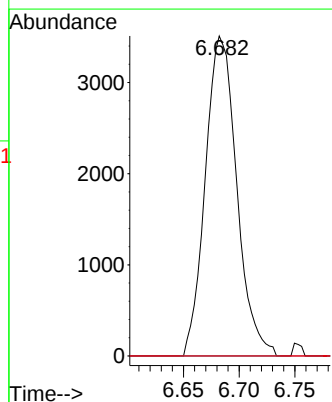
Tgt Ion: 83 Resp: 6895

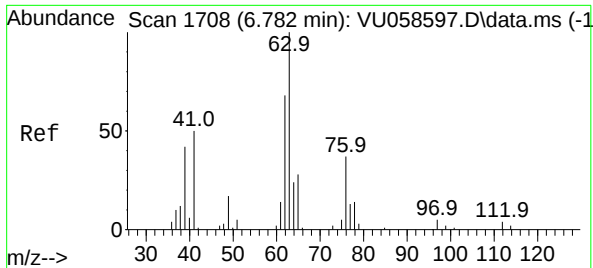
Ion	Ratio	Lower	Upper
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83	100		
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55	0.0	66.2	99.4#
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98	0.0	34.6	52.0#
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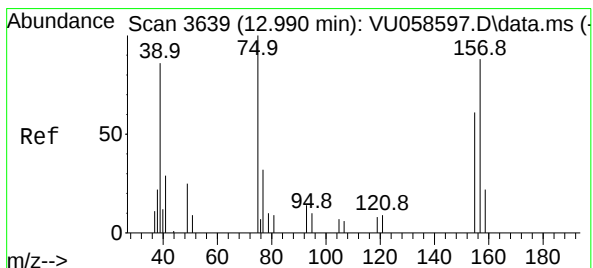
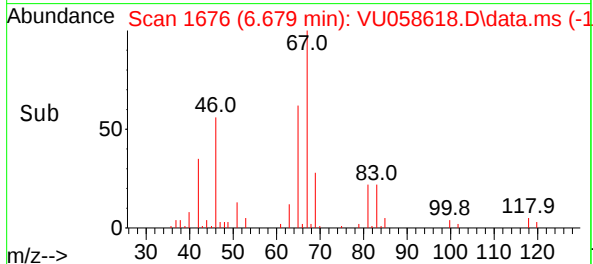
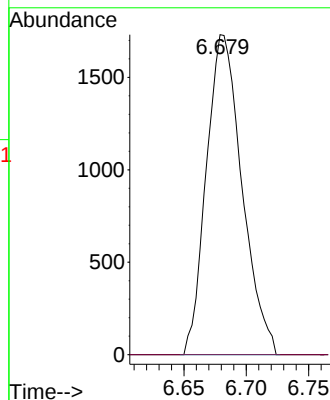
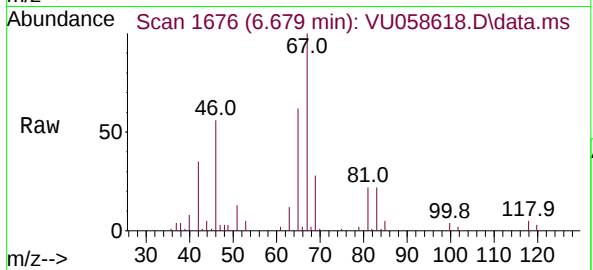




#37
1,2-Dichloropropane
Concen: 0.482 ug/L
RT: 6.679 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU058618.D
Acq: 11 Apr 2024 19:10

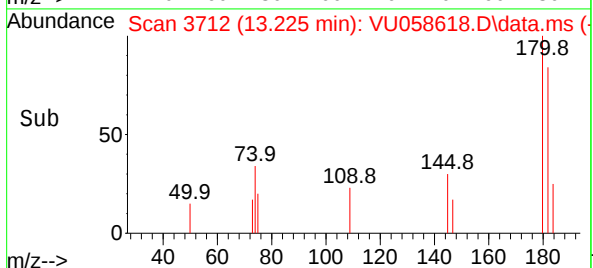
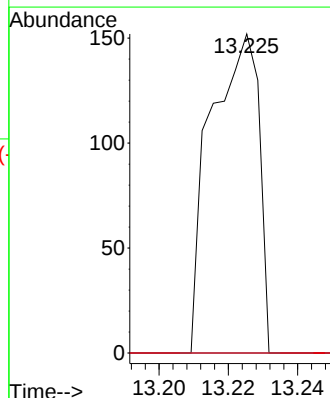
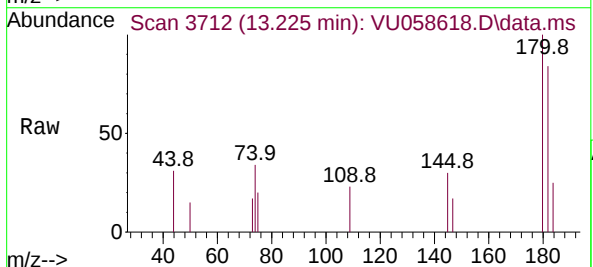
Instrument :
MSVOA_U
ClientSampleId :

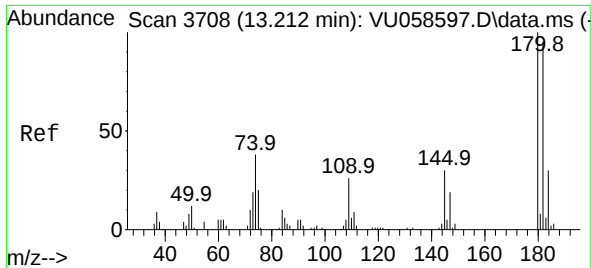
Tgt Ion: 63 Resp: 3445
Ion Ratio Lower Upper
63 100
112 0.0 2.6 4.0#



#68
1,2-Dibromo-3-chloropropane
Concen: 0.259 ug/L
RT: 13.225 min Scan# 3712
Delta R.T. 0.235 min
Lab File: VU058618.D
Acq: 11 Apr 2024 19:10

Tgt Ion: 75 Resp: 147
Ion Ratio Lower Upper
75 100
155 0.0 61.4 92.0#
157 0.0 81.7 122.5#





#69

1,3,5-Trichlorobenzene

Concen: 0.264 ug/L

RT: 13.843 min Scan# 3904

Delta R.T. 0.630 min

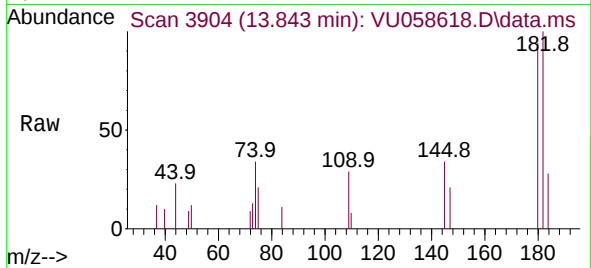
Lab File: VU058618.D

Acq: 11 Apr 2024 19:10

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 2281

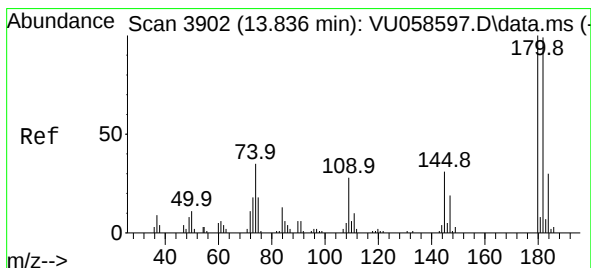
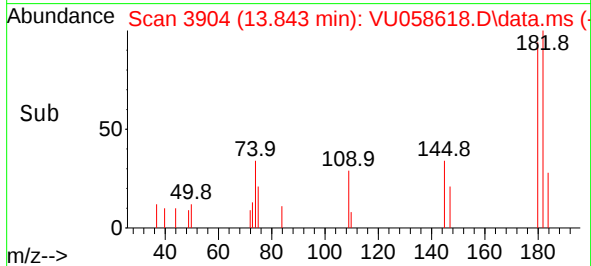
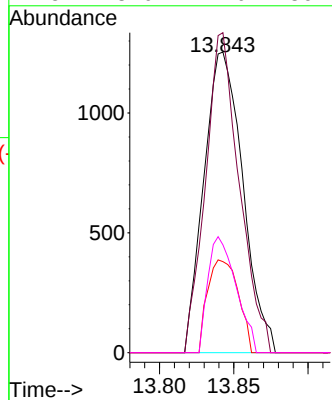
Ion Ratio Lower Upper

180 100

182 92.6 75.7 113.5

184 24.4 24.3 36.5

145 28.0 24.0 36.0



#70

1,2,4-trichlorobenzene

Concen: 0.343 ug/L

RT: 13.843 min Scan# 3904

Delta R.T. 0.006 min

Lab File: VU058618.D

Acq: 11 Apr 2024 19:10

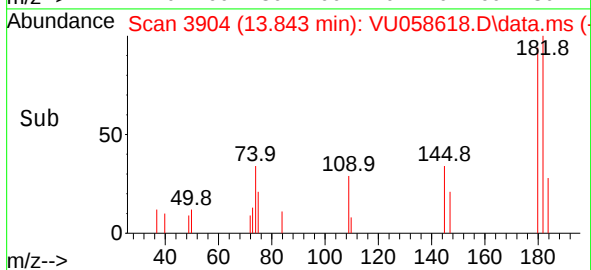
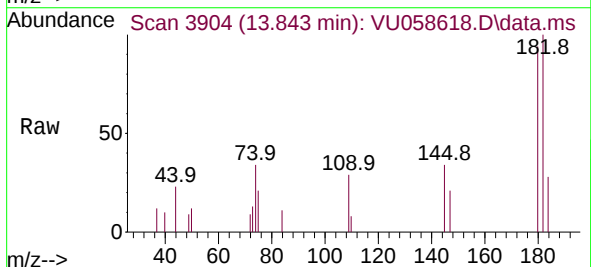
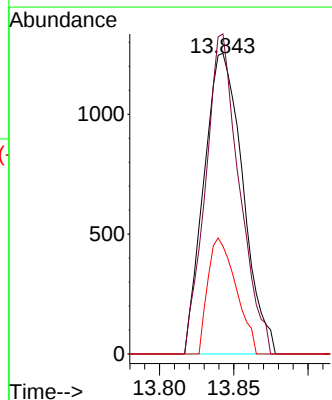
Tgt Ion:180 Resp: 2281

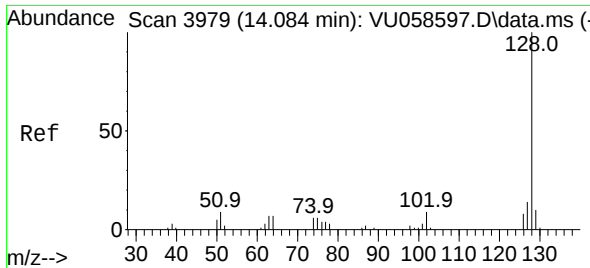
Ion Ratio Lower Upper

180 100

182 92.6 74.4 111.6

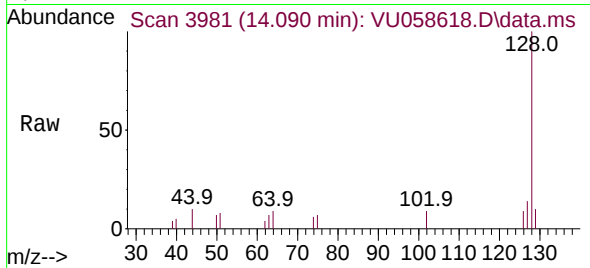
145 28.0 24.1 36.1



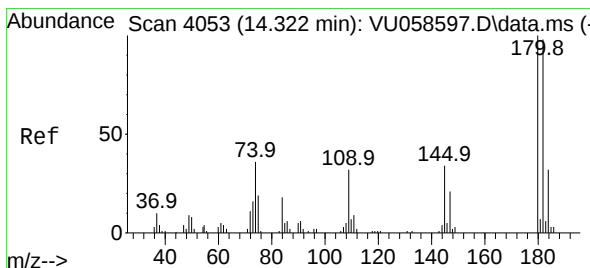
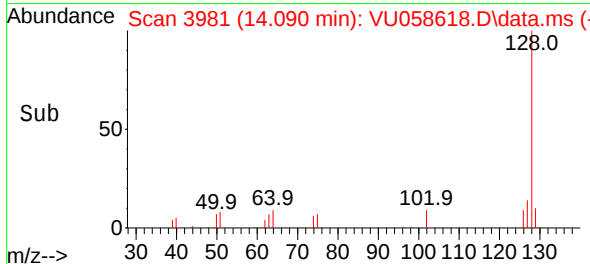
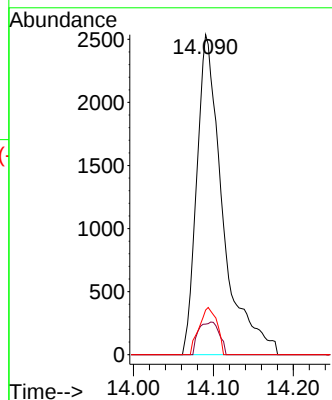


#71
Naphthalene
Concen: 0.629 ug/L
RT: 14.090 min Scan# 3981
Delta R.T. 0.006 min
Lab File: VU058618.D
Acq: 11 Apr 2024 19:10

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 5735
Ion Ratio Lower Upper
128 100
129 8.2 8.6 13.0#
127 10.2 11.0 16.6#



#72
1,2,3-Trichlorobenzene
Concen: 0.377 ug/L
RT: 14.328 min Scan# 4055
Delta R.T. 0.007 min
Lab File: VU058618.D
Acq: 11 Apr 2024 19:10

Tgt Ion:180 Resp: 2069
Ion Ratio Lower Upper
180 100
182 91.1 75.9 113.9
145 30.7 25.2 37.8

