

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121123\
 Data File : VU056758.D
 Acq On : 12 Dec 2023 02:10
 Operator : MD/SY
 Sample : 05675-05
 Misc : 25.2mL/MSVOA_U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 12 05:03:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 12 02:01:50 2023
 Response via : Initial Calibration

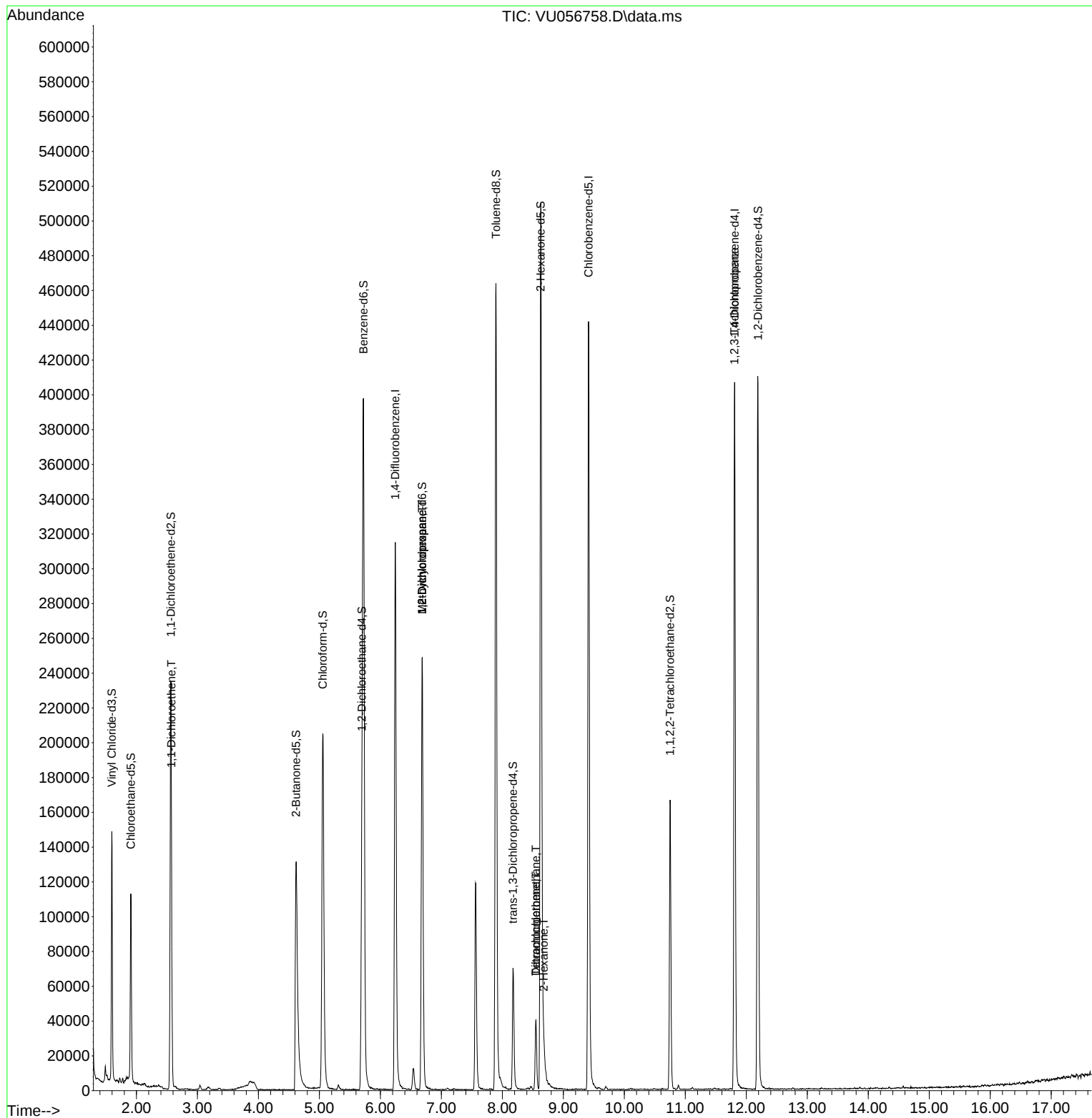
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	259350	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	262161	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152	107878	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	99850	4.492	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	89.800%	
7) Chloroethane-d5	1.908	69	81236	4.883	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	97.600%	
11) 1,1-Dichloroethene-d2	2.564	65	44679	4.697	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	94.000%	
20) 2-Butanone-d5	4.618	46	218289	49.722	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	99.440%	
24) Chloroform-d	5.055	84	198909	4.725	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.600%	
26) 1,2-Dichloroethane-d4	5.695	65	98314	4.935	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	98.800%	
32) Benzene-d6	5.721	84	388165	4.774	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.400%	
36) 1,2-Dichloropropane-d6	6.682	67	122436	4.811	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	96.200%	
41) Toluene-d8	7.895	98	326003	4.486	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.800%	
43) trans-1,3-Dichloroprop...	8.174	79	43243	4.381	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	87.600%	
46) 2-Hexanone-d5	8.628	63	174792	46.954	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	93.900%	
56) 1,1,2,2-Tetrachloroeth...	10.750	84	84450	4.586	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	91.800%	
66) 1,2-Dichlorobenzene-d4	12.190	152	109698	5.173	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	103.400%	
Target Compounds						
12) 1,1-Dichloroethene	2.573	96	4202	0.200	ug/L #	1
35) Methylcyclohexane	6.682	83	28815	0.773	ug/L #	17
37) 1,2-Dichloropropane	6.682	63	13523	0.574	ug/L #	88
47) Tetrachloroethene	8.551	164	9177	0.519	ug/L	95
48) 2-Hexanone	8.679	43	6027	0.756	ug/L #	51
49) Dibromochloromethane	8.551	129	9064	0.495	ug/L #	11
61) 1,2,3-Trichloropropane	11.804	75	14293	1.234	ug/L #	68

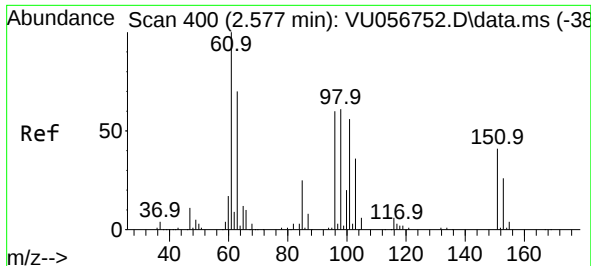
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 12 02:01:50 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.200 ug/L

RT: 2.573 min Scan# 399

Delta R.T. -0.003 min

Lab File: VU056758.D

Acq: 12 Dec 2023 02:10

Instrument :

MSVOA_U

ClientSampleId :

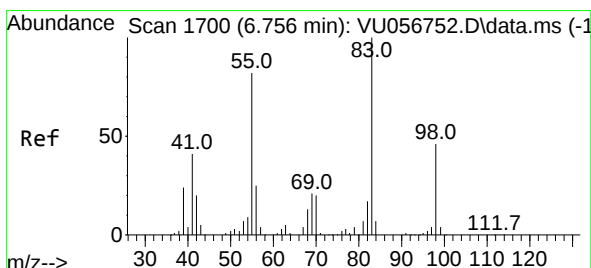
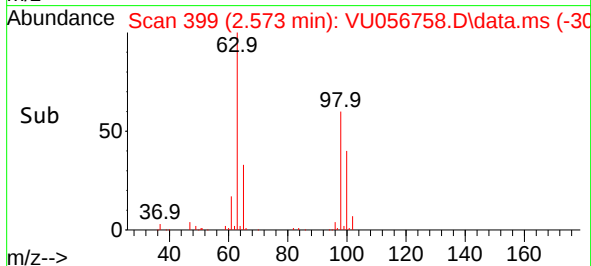
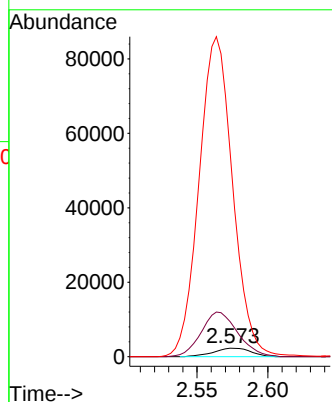
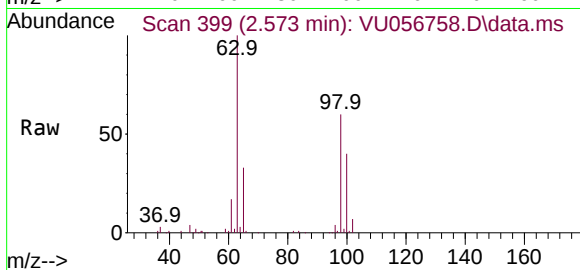
Tgt Ion: 96 Resp: 4202

Ion Ratio Lower Upper

96 100

61 414.2 119.0 221.0#

63 2423.3 88.7 164.7#



#35

Methylcyclohexane

Concen: 0.773 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.074 min

Lab File: VU056758.D

Acq: 12 Dec 2023 02:10

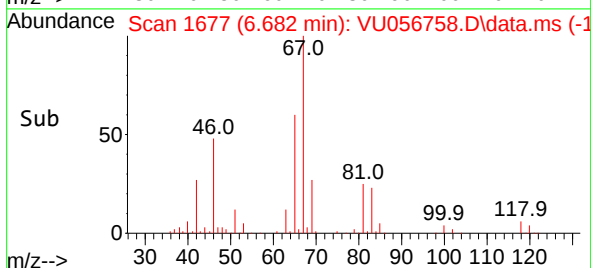
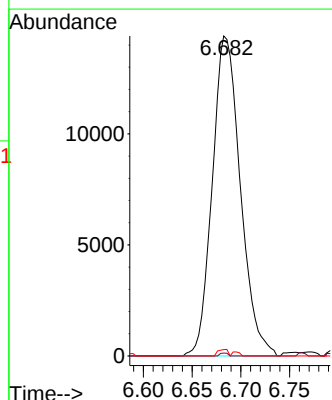
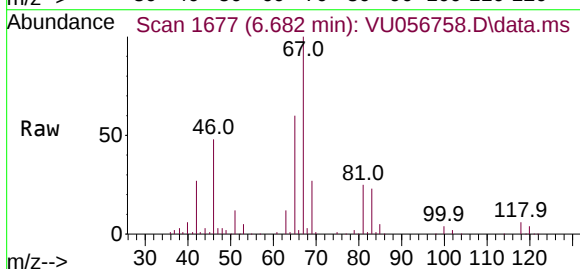
Tgt Ion: 83 Resp: 28815

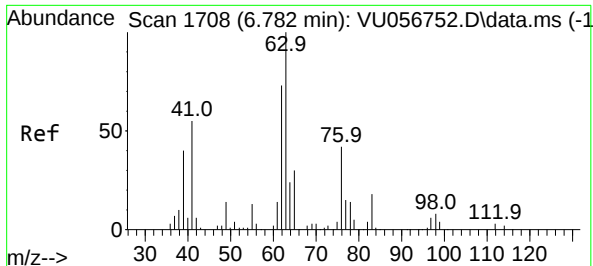
Ion Ratio Lower Upper

83 100

55 0.2 64.6 97.0#

98 0.7 36.1 54.1#





#37

1,2-Dichloropropane

Concen: 0.574 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU056758.D

Acq: 12 Dec 2023 02:10

Instrument :

MSVOA_U

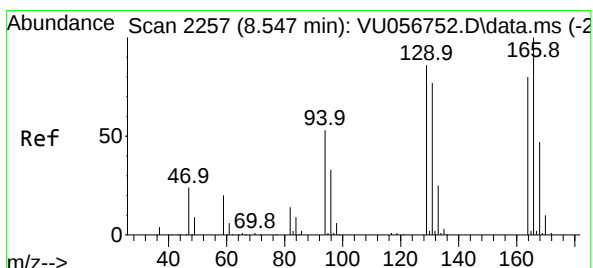
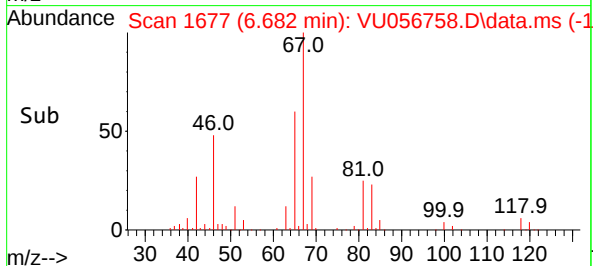
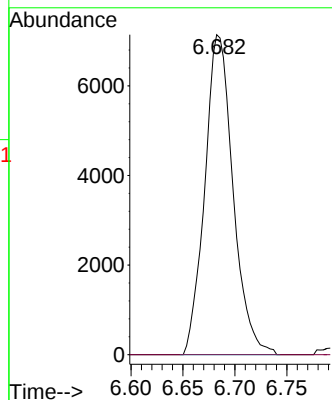
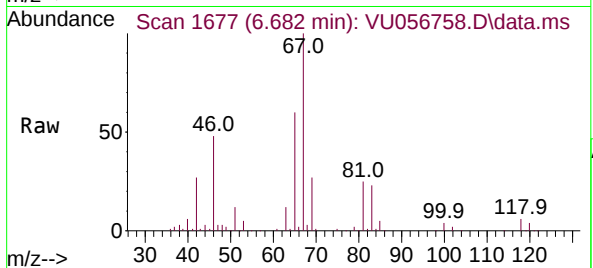
ClientSampleId :

Tgt Ion: 63 Resp: 13523

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#



#47

Tetrachloroethene

Concen: 0.519 ug/L

RT: 8.551 min Scan# 2258

Delta R.T. 0.003 min

Lab File: VU056758.D

Acq: 12 Dec 2023 02:10

Tgt Ion: 164 Resp: 9177

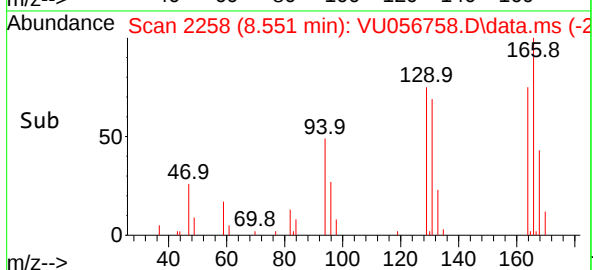
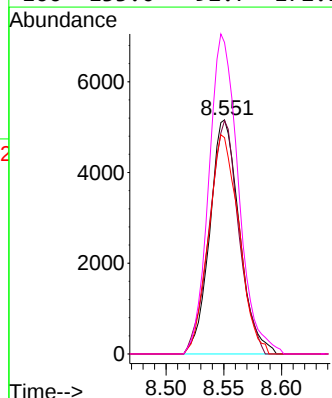
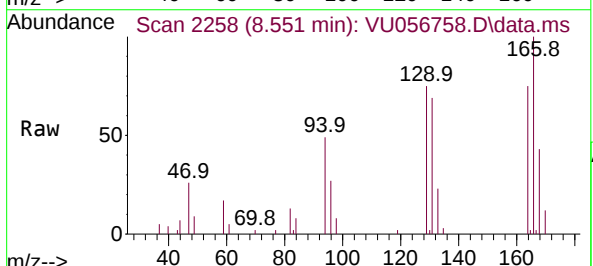
Ion Ratio Lower Upper

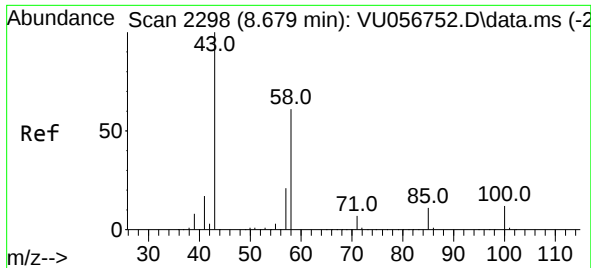
164 100

129 99.7 73.4 136.4

131 92.4 71.5 132.9

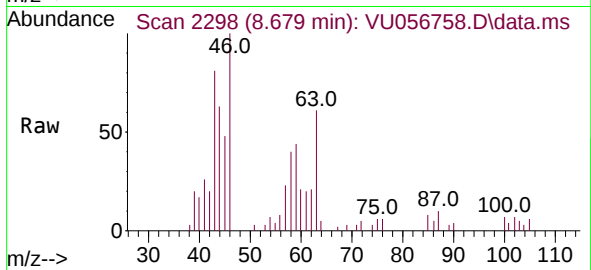
166 133.0 92.7 172.1



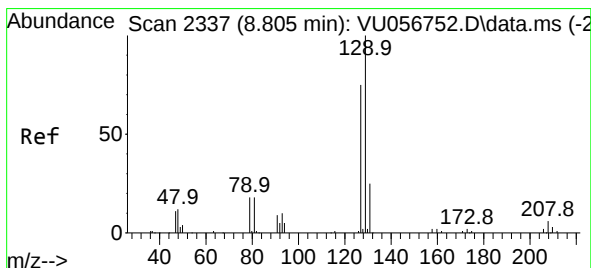
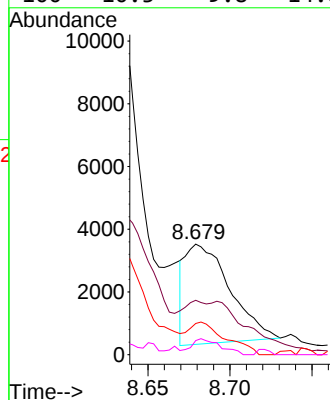
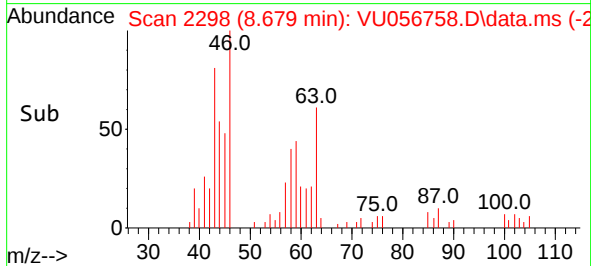


#48
2-Hexanone
Concen: 0.756 ug/L
RT: 8.679 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU056758.D
Acq: 12 Dec 2023 02:10

Instrument :
MSVOA_U
ClientSampleId :

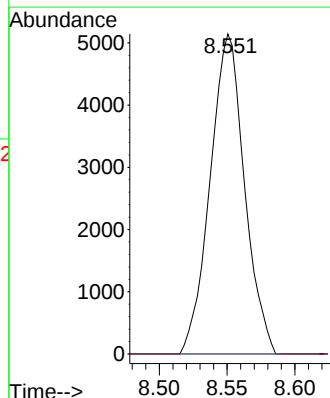
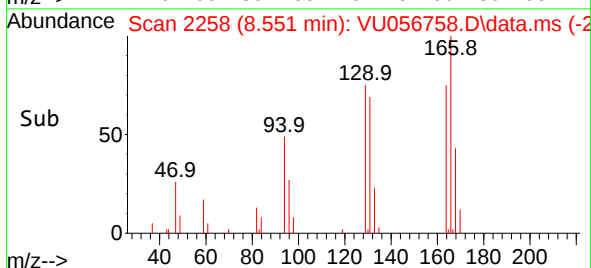
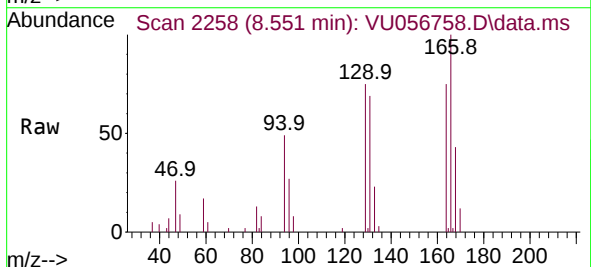


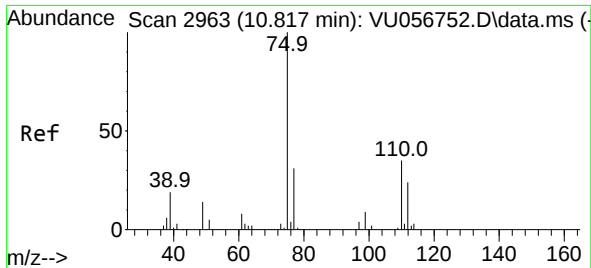
Tgt Ion: 43 Resp: 6027
Ion Ratio Lower Upper
43 100
58 6.0 47.5 71.3#
57 27.9 17.0 25.4#
100 10.3 9.8 14.8



#49
Dibromochloromethane
Concen: 0.495 ug/L
RT: 8.551 min Scan# 2258
Delta R.T. -0.254 min
Lab File: VU056758.D
Acq: 12 Dec 2023 02:10

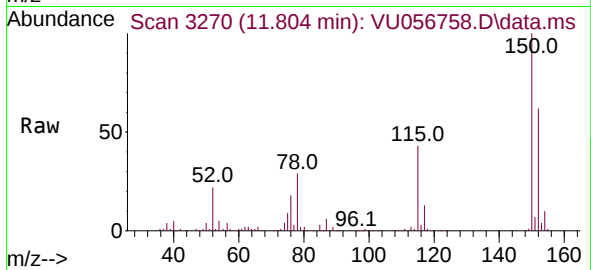
Tgt Ion: 129 Resp: 9064
Ion Ratio Lower Upper
129 100
127 0.0 53.9 100.1#





#61
 1,2,3-Trichloropropane
 Concen: 1.234 ug/L
 RT: 11.804 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU056758.D
 Acq: 12 Dec 2023 02:10

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 14293
 Ion Ratio Lower Upper
 75 100
 110 1.9 28.4 42.6#
 77 30.3 26.3 39.5

