

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121123\
 Data File : VU056756.D
 Acq On : 12 Dec 2023 01:22
 Operator : MD/SY
 Sample : 05675-03
 Misc : 25.2mL/MSVOA_U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 12 05:03:17 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

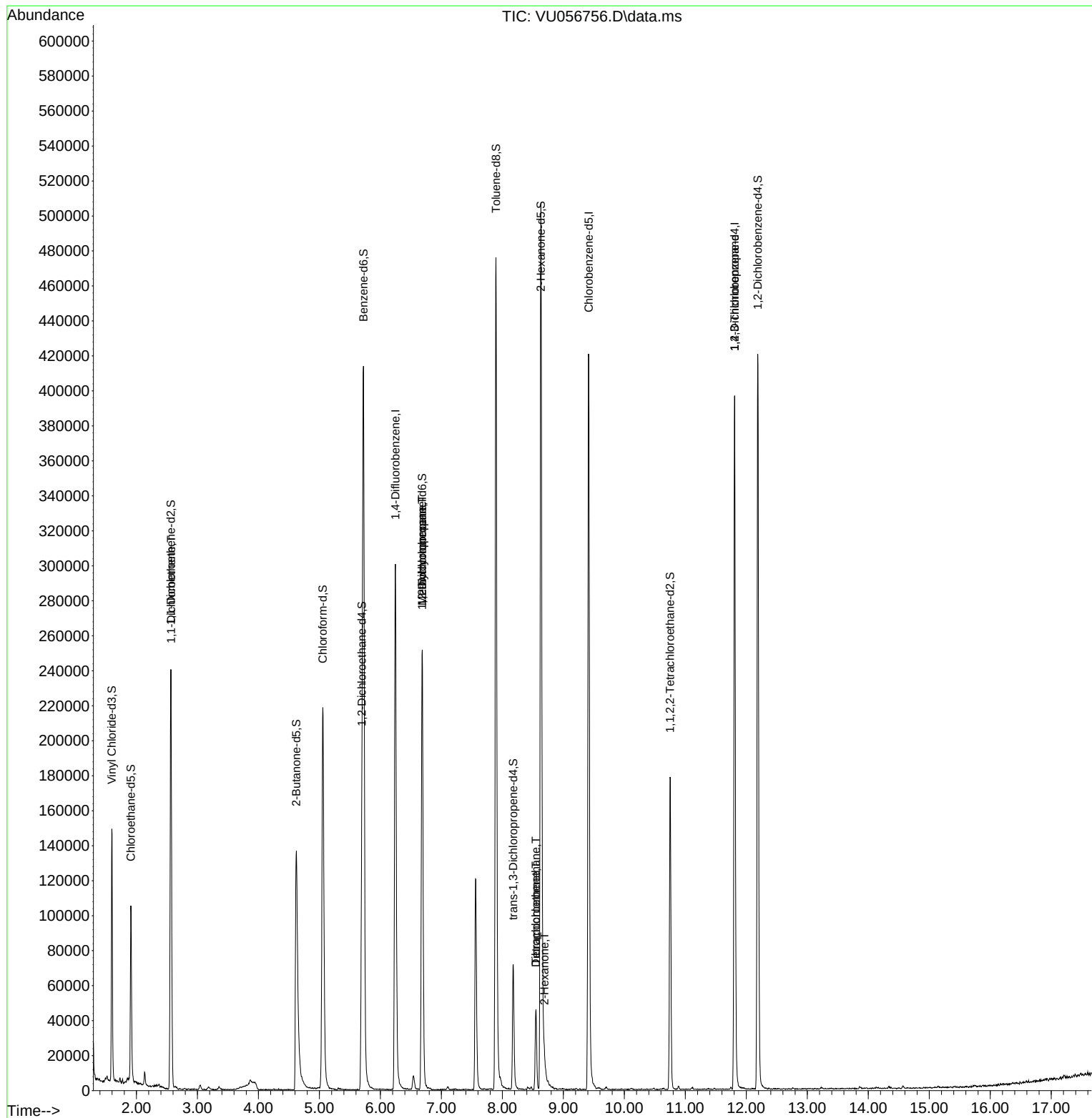
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	249394	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	252190	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	107441	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	103355	4.835	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	96.600%	
7) Chloroethane-d5	1.908	69	72638	4.541	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	90.800%	
11) 1,1-Dichloroethene-d2	2.563	65	45312	4.954	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	99.000%	
20) 2-Butanone-d5	4.621	46	227660	53.926	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	107.860%	
24) Chloroform-d	5.055	84	208575	5.152	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	103.000%	
26) 1,2-Dichloroethane-d4	5.695	65	103000	5.377	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	107.600%	
32) Benzene-d6	5.721	84	401567	5.134	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.600%	
36) 1,2-Dichloropropane-d6	6.685	67	125620	5.131	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	102.600%	
41) Toluene-d8	7.894	98	335151	4.794	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.800%	
43) trans-1,3-Dichloroprop...	8.177	79	45652	4.808	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	96.200%	
46) 2-Hexanone-d5	8.631	63	179107	50.016	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	100.040%	
56) 1,1,2,2-Tetrachloroeth...	10.750	84	91608	5.171	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	103.400%	
66) 1,2-Dichlorobenzene-d4	12.187	152	114749	5.433	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	108.600%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.567	96	2443	0.121	ug/L #	1
35) Methylcyclohexane	6.685	83	29645	0.826	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	13993	0.617	ug/L #	90
47) Tetrachloroethene	8.550	164	10586	0.622	ug/L	97
48) 2-Hexanone	8.689	43	5738	0.748	ug/L #	88
49) Dibromochloromethane	8.547	129	10462	0.594	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	13548	1.174	ug/L #	69

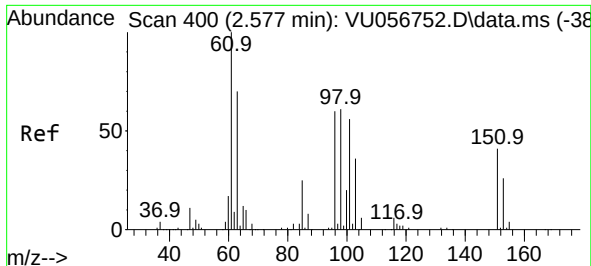
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.121 ug/L

RT: 2.567 min Scan# 397

Delta R.T. -0.010 min

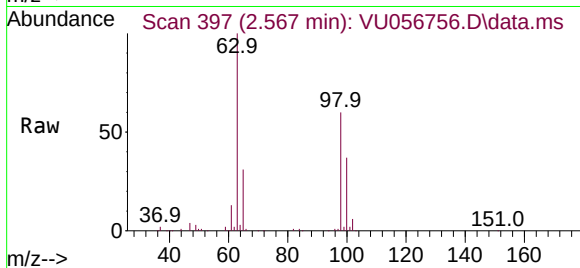
Lab File: VU056756.D

Acq: 12 Dec 2023 01:22

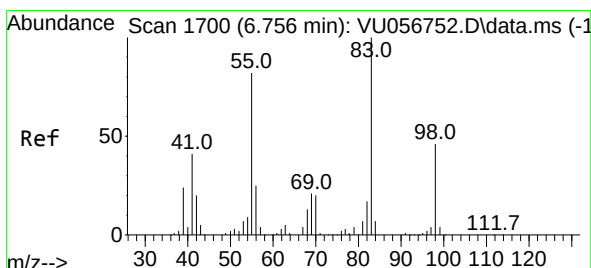
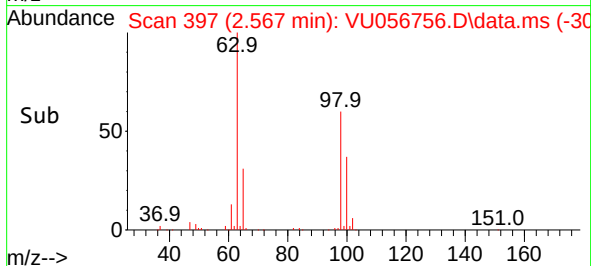
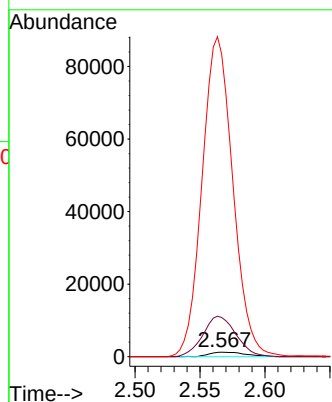
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	96	Resp:	2443
Ion	Ratio	Lower	Upper
96	100		
61	884.5	119.0	221.0#
63	6828.2	88.7	164.7#



#35

Methylcyclohexane

Concen: 0.826 ug/L

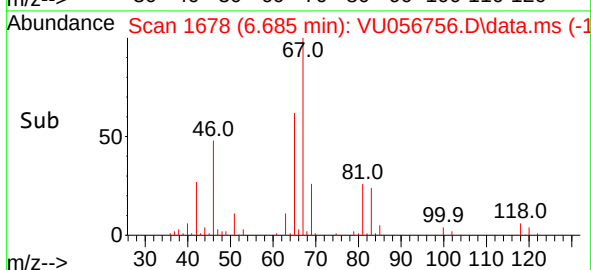
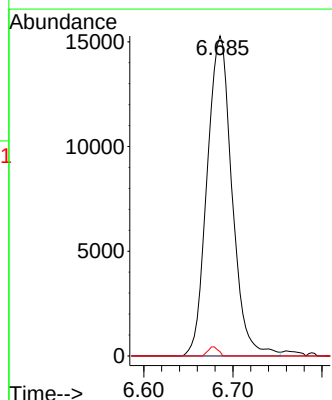
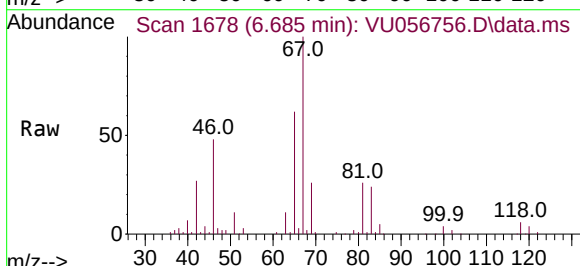
RT: 6.685 min Scan# 1678

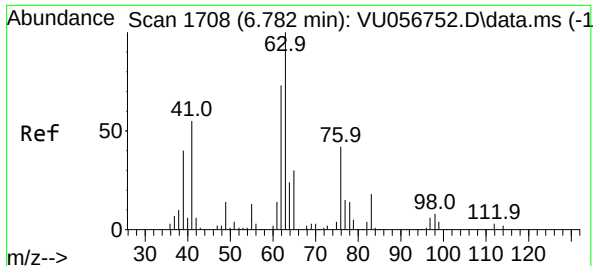
Delta R.T. -0.071 min

Lab File: VU056756.D

Acq: 12 Dec 2023 01:22

Tgt Ion:	83	Resp:	29645
Ion	Ratio	Lower	Upper
83	100		
55	0.0	64.6	97.0#
98	1.2	36.1	54.1#





#37

1,2-Dichloropropane

Concen: 0.617 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU056756.D

Acq: 12 Dec 2023 01:22

Instrument :

MSVOA_U

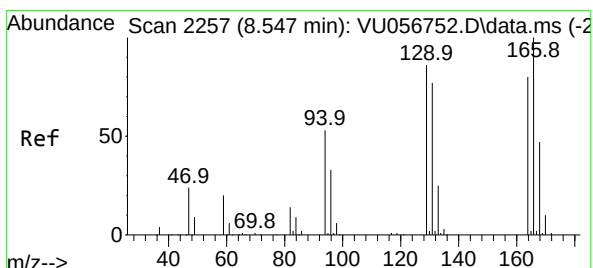
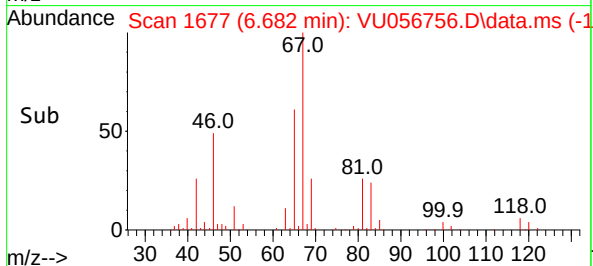
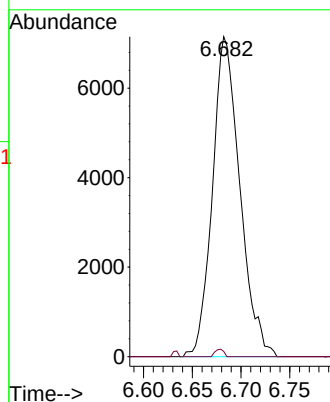
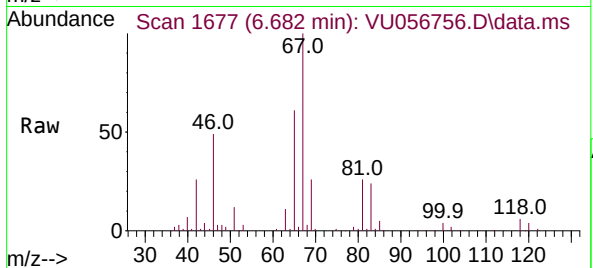
ClientSampleId :

Tgt Ion: 63 Resp: 13993

Ion Ratio Lower Upper

63 100

112 0.7 3.3 4.9#



#47

Tetrachloroethene

Concen: 0.622 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. 0.003 min

Lab File: VU056756.D

Acq: 12 Dec 2023 01:22

Tgt Ion: 164 Resp: 10586

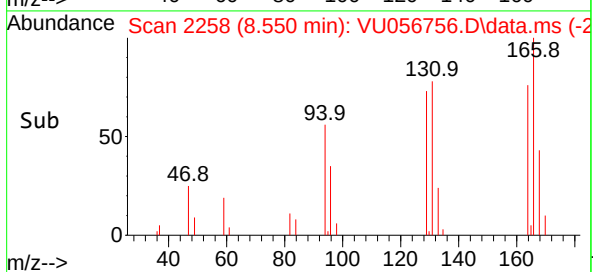
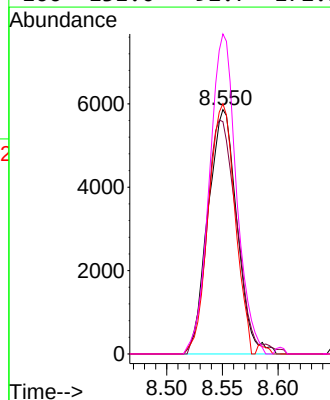
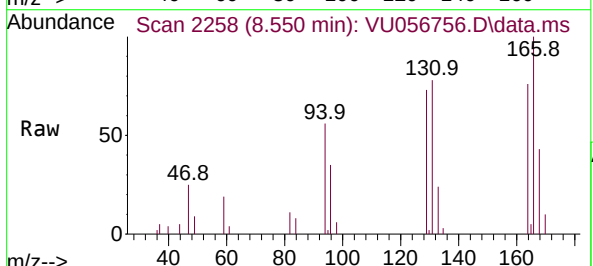
Ion Ratio Lower Upper

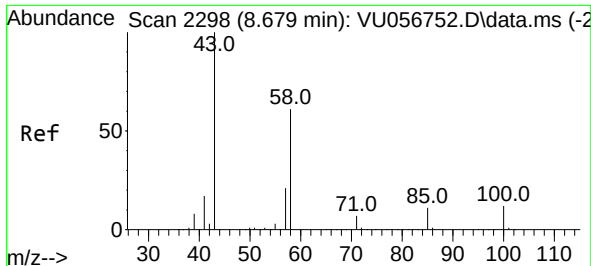
164 100

129 95.1 73.4 136.4

131 102.4 71.5 132.9

166 131.0 92.7 172.1

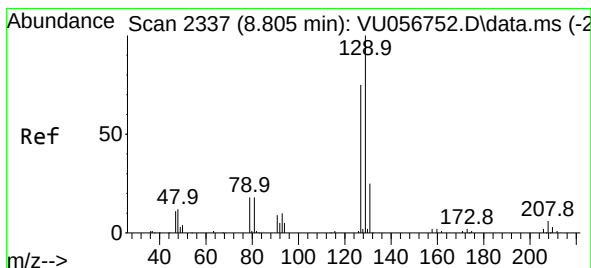
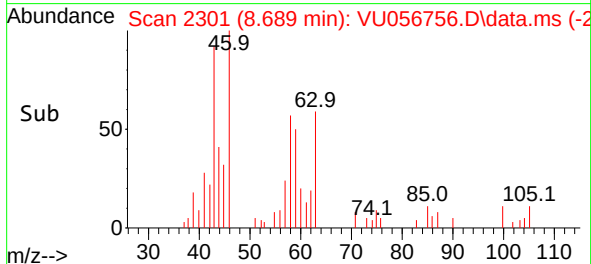
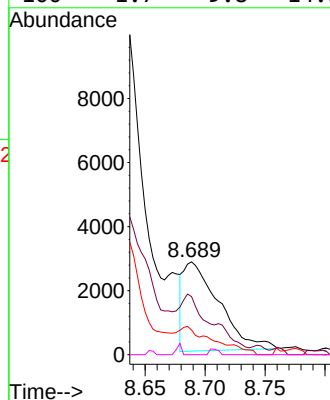
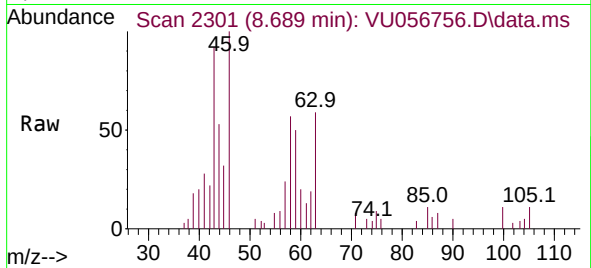




#48
2-Hexanone
Concen: 0.748 ug/L
RT: 8.689 min Scan# 21
Delta R.T. 0.009 min
Lab File: VU056756.D
Acq: 12 Dec 2023 01:22

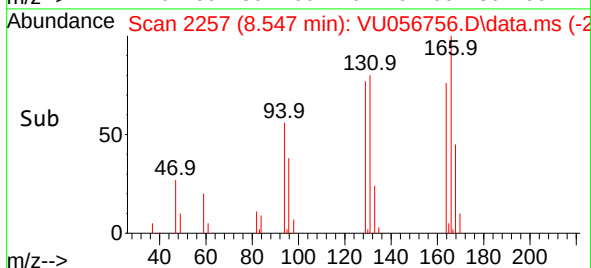
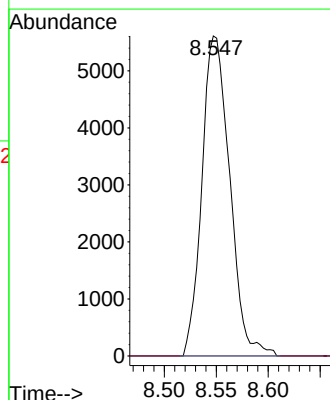
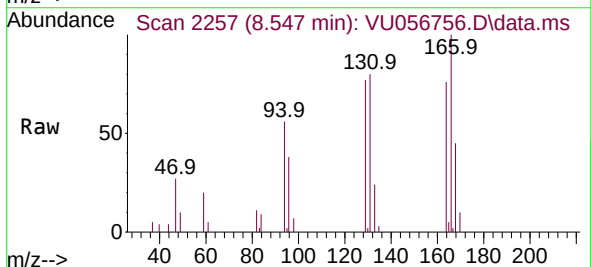
Instrument :
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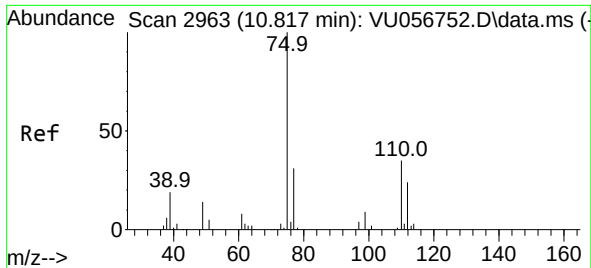
Tgt Ion: 43 Resp: 5738
Ion Ratio Lower Upper
43 100
58 55.5 47.5 71.3
57 32.6 17.0 25.4#
100 1.7 9.8 14.8#



#49
Dibromochloromethane
Concen: 0.594 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.258 min
Lab File: VU056756.D
Acq: 12 Dec 2023 01:22

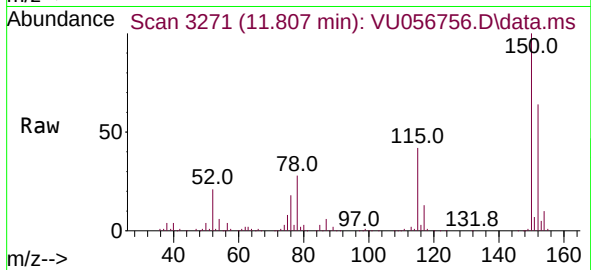
Tgt Ion: 129 Resp: 10462
Ion Ratio Lower Upper
129 100
127 0.0 53.9 100.1#





#61
 1,2,3-Trichloropropane
 Concen: 1.174 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU056756.D
 Acq: 12 Dec 2023 01:22

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 13548
 Ion Ratio Lower Upper
 75 100
 110 2.2 28.4 42.6#
 77 31.1 26.3 39.5

