

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121723\
 Data File : VU056969.D
 Acq On : 17 Dec 2023 15:38
 Operator : MD/SY
 Sample : 05842-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 18 01:17:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Dec 18 01:16:15 2023
 Response via : Initial Calibration

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

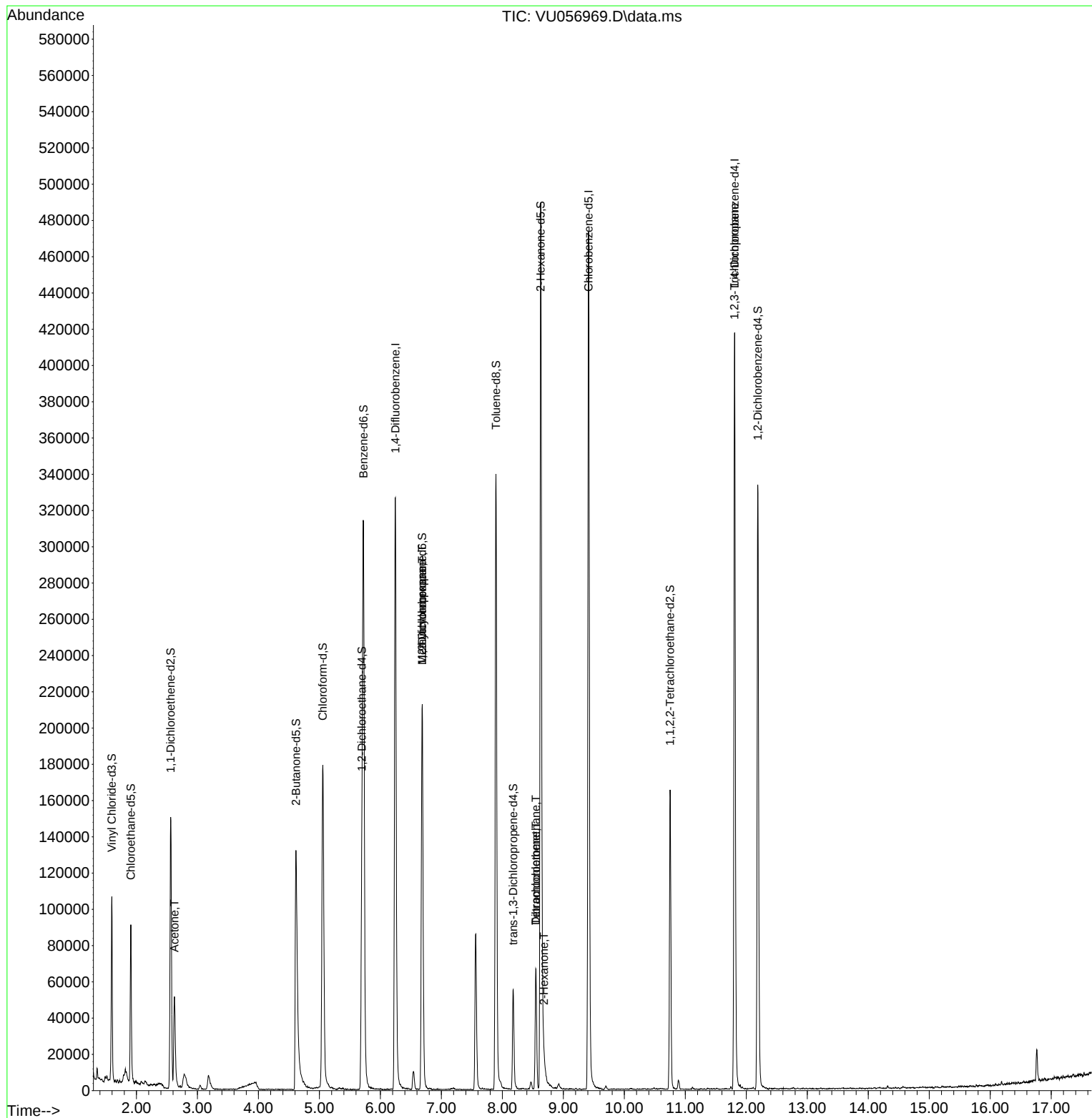
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	267363	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	276153	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	109695	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	66302	2.893	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	57.800%
7) Chloroethane-d5	1.907	69	64233	3.745	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.000%
11) 1,1-Dichloroethene-d2	2.560	65	28822	2.939	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.800%#
20) 2-Butanone-d5	4.615	46	201181	44.451	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.900%
24) Chloroform-d	5.055	84	173230	3.992	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.800%
26) 1,2-Dichloroethane-d4	5.695	65	86432	4.209	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.200%
32) Benzene-d6	5.721	84	302969	3.537	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	70.800%
36) 1,2-Dichloropropane-d6	6.682	67	106794	3.983	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.600%
41) Toluene-d8	7.894	98	236792	3.093	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	61.800%#
43) trans-1,3-Dichloroprop...	8.177	79	33796	3.251	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	65.000%
46) 2-Hexanone-d5	8.627	63	161617	41.215	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.440%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	83371	4.298	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	87155	4.042	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	80.800%
Target Compounds						
					Qvalue	
13) Acetone	2.621	43	60970	22.106	ug/L	99
35) Methylcyclohexane	6.682	83	25509	0.649	ug/L #	17
37) 1,2-Dichloropropane	6.685	63	10847	0.437	ug/L #	88
47) Tetrachloroethene	8.550	164	14907	0.800	ug/L	97
48) 2-Hexanone	8.682	43	5594	0.666	ug/L #	63
49) Dibromochloromethane	8.550	129	15183	0.787	ug/L #	11
61) 1,2,3-Trichloropropane	11.804	75	13911	1.181	ug/L #	69

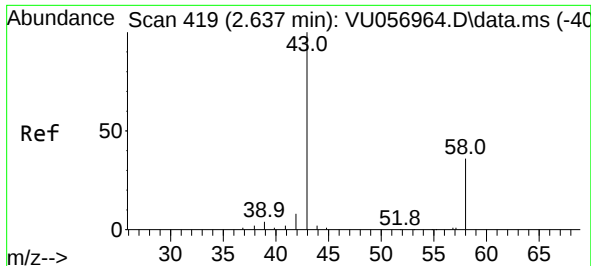
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Dec 18 01:16:15 2023
Response via : Initial Calibration





#13

Acetone

Concen: 22.106 ug/L

RT: 2.621 min Scan# 41

Delta R.T. -0.016 min

Lab File: VU056969.D

Acq: 17 Dec 2023 15:38

Instrument :

MSVOA_U

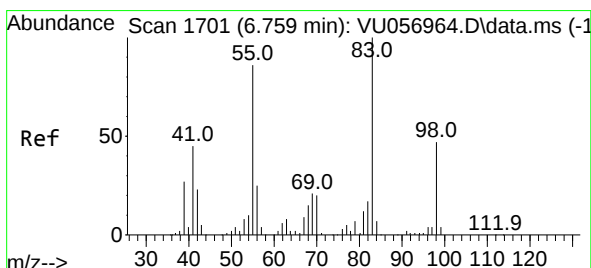
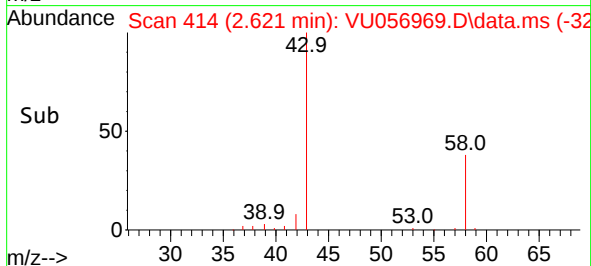
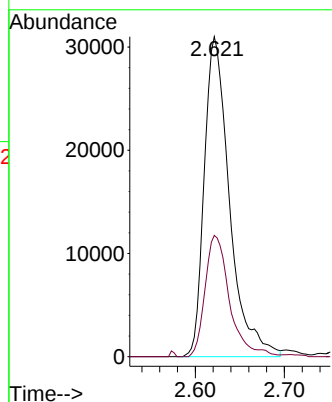
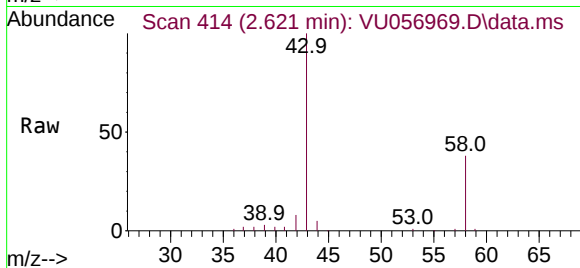
ClientSampleId :

Tgt Ion: 43 Resp: 60970

Ion Ratio Lower Upper

43 100

58 36.9 0.0 72.6



#35

Methylcyclohexane

Concen: 0.649 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.077 min

Lab File: VU056969.D

Acq: 17 Dec 2023 15:38

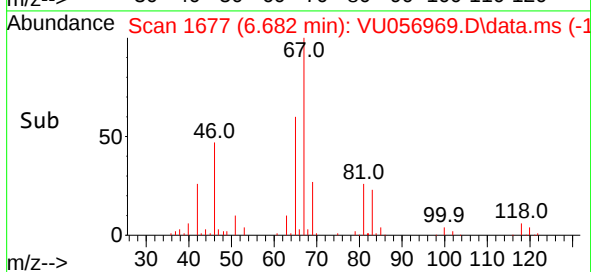
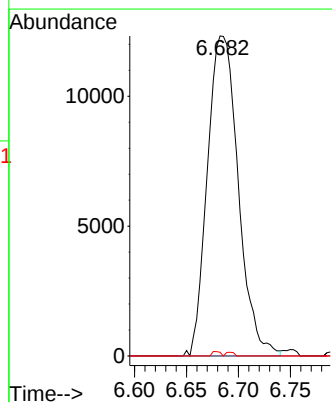
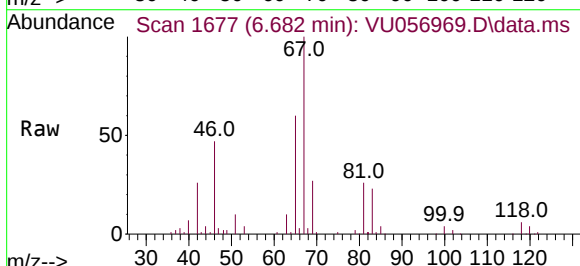
Tgt Ion: 83 Resp: 25509

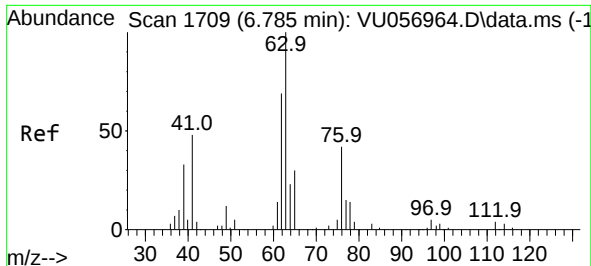
Ion Ratio Lower Upper

83 100

55 0.0 64.6 97.0#

98 0.4 36.1 54.1#





#37

1,2-Dichloropropane

Concen: 0.437 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU056969.D

Acq: 17 Dec 2023 15:38

Instrument :

MSVOA_U

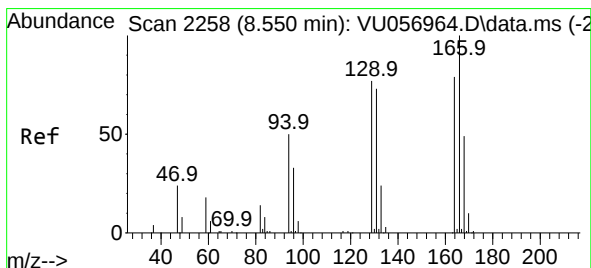
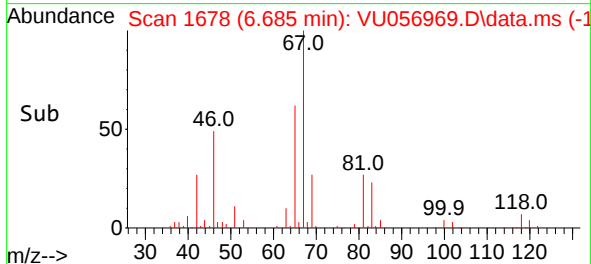
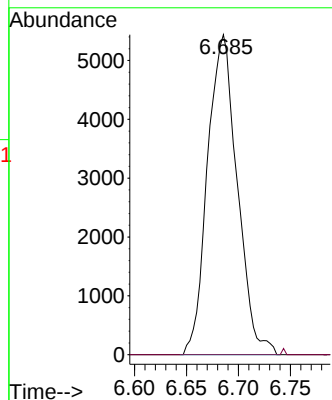
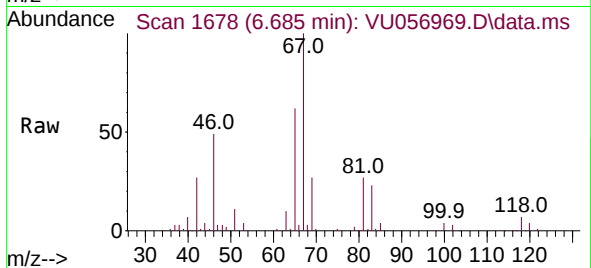
ClientSampleId :

Tgt Ion: 63 Resp: 10847

Ion Ratio Lower Upper

63 100

112 0.2 3.3 4.9#



#47

Tetrachloroethene

Concen: 0.800 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. 0.000 min

Lab File: VU056969.D

Acq: 17 Dec 2023 15:38

Tgt Ion:164 Resp: 14907

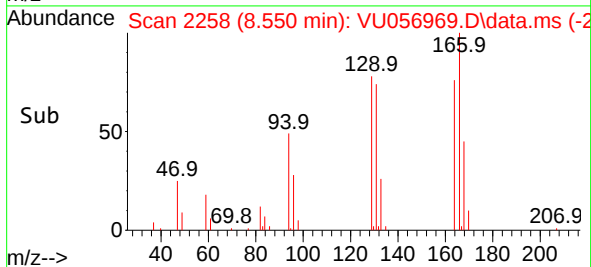
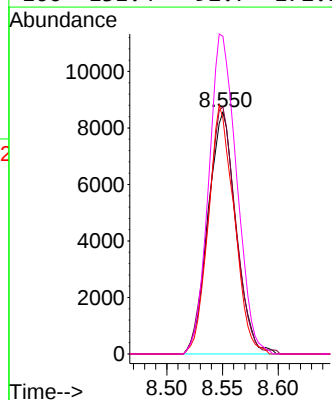
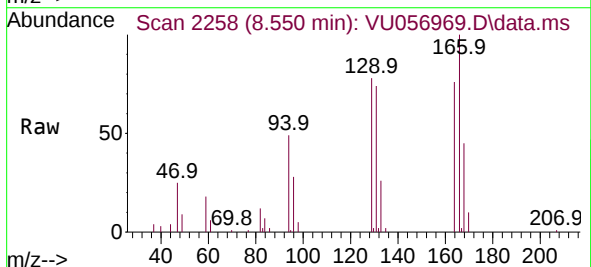
Ion Ratio Lower Upper

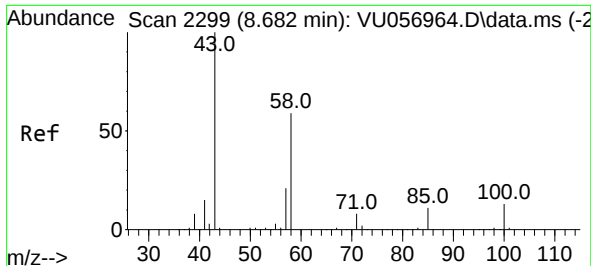
164 100

129 102.2 73.4 136.4

131 97.5 71.5 132.9

166 131.4 92.7 172.1

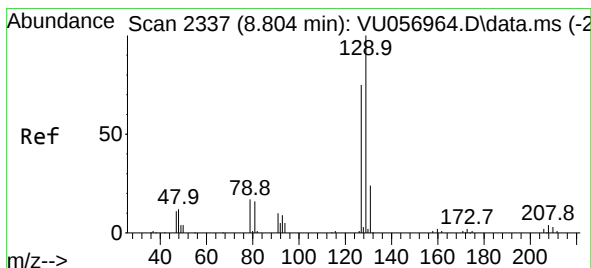
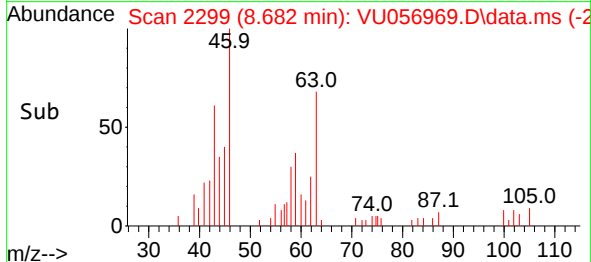
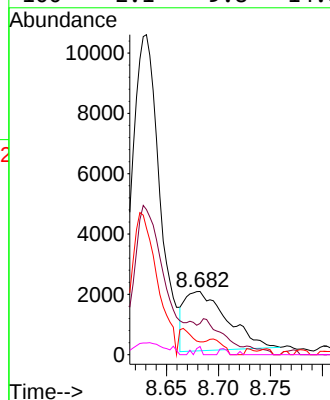
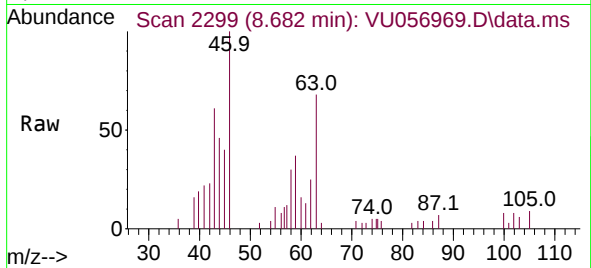




#48
2-Hexanone
Concen: 0.666 ug/L
RT: 8.682 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU056969.D
Acq: 17 Dec 2023 15:38

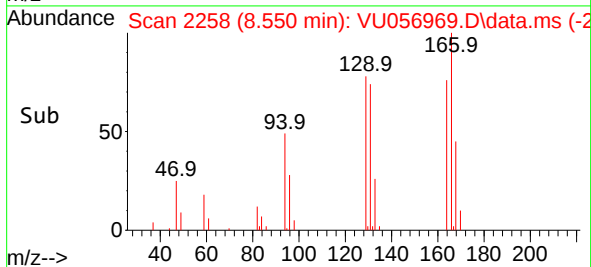
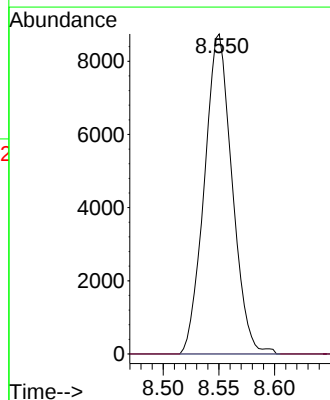
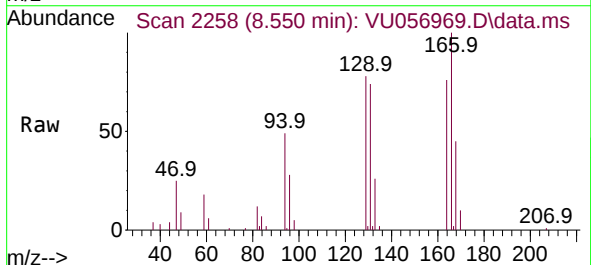
Instrument :
MSVOA_U
ClientSampleId :

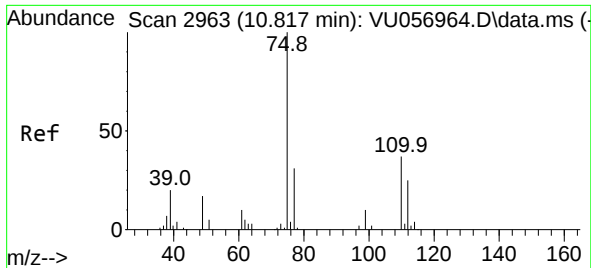
Tgt Ion: 43	Resp: 5594
Ion Ratio	Lower Upper
43 100	
58 23.3	47.5 71.3#
57 15.7	17.0 25.4#
100 2.1	9.8 14.8#



#49
Dibromochloromethane
Concen: 0.787 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.254 min
Lab File: VU056969.D
Acq: 17 Dec 2023 15:38

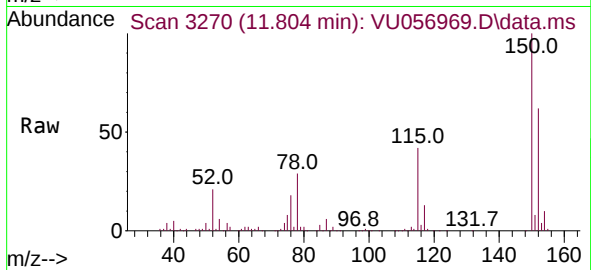
Tgt Ion:129	Resp:	15183	
Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.9	100.1#





#61
 1,2,3-Trichloropropane
 Concen: 1.181 ug/L
 RT: 11.804 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU056969.D
 Acq: 17 Dec 2023 15:38

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
110	1.4	28.4	42.6#
77	32.2	26.3	39.5

