

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121823\
 Data File : VU056988.D
 Acq On : 18 Dec 2023 13:02
 Operator : MD/SY
 Sample : 05890-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 18 14:31:30 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)

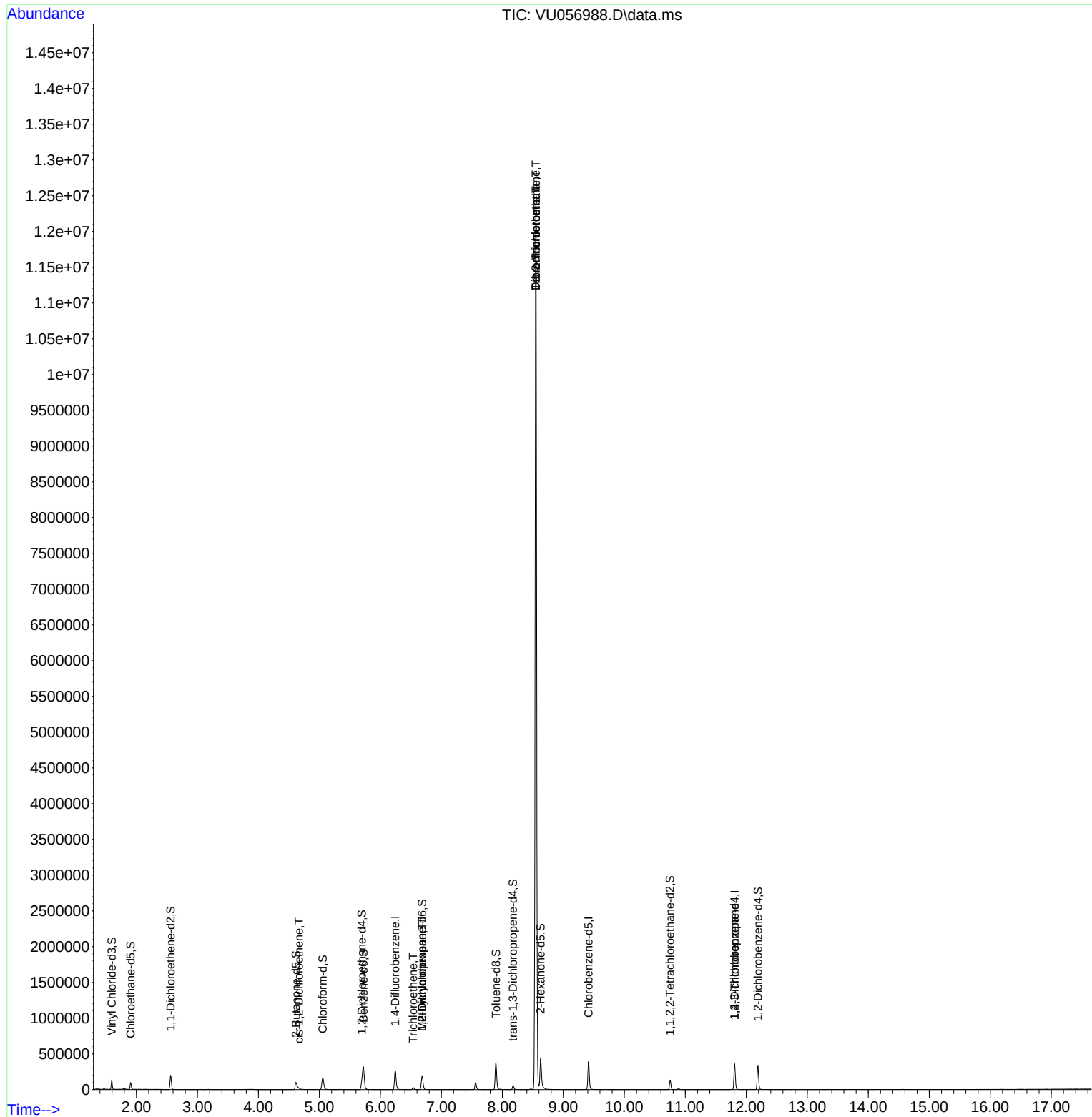
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	214791	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	225117	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	96478	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	88507	4.807	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.200%
7) Chloroethane-d5	1.904	69	71779	5.210	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.200%
11) 1,1-Dichloroethene-d2	2.560	65	37727	4.789	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.800%
20) 2-Butanone-d5	4.615	46	149372	41.082	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.160%
24) Chloroform-d	5.055	84	162693	4.666	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
26) 1,2-Dichloroethane-d4	5.695	65	77421	4.693	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.800%
32) Benzene-d6	5.721	84	307096	4.398	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
36) 1,2-Dichloropropane-d6	6.685	67	95474	4.369	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.400%
41) Toluene-d8	7.894	98	259453	4.157	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.200%
43) trans-1,3-Dichloroprop...	8.174	79	35292	4.164	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.200%
46) 2-Hexanone-d5	8.628	63	145069	45.382	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.760%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	68344	4.322	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	88832	4.684	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.600%
Target Compounds						
					Qvalue	
22) cis-1,2-Dichloroethene	4.663	96	4301	0.224	ug/L	87
34) Trichloroethene	6.538	95	10556	0.486	ug/L	91
35) Methylcyclohexane	6.682	83	22628	0.707	ug/L #	17
37) 1,2-Dichloropropane	6.685	63	10441	0.516	ug/L #	88
45) 1,1,2-Trichloroethane	8.547	97	25552	1.868	ug/L #	1
47) Tetrachloroethene	8.550	164	2650888	174.536	ug/L	98
49) Dibromochloromethane	8.550	129	2779647	176.745	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	11503	1.110	ug/L #	69

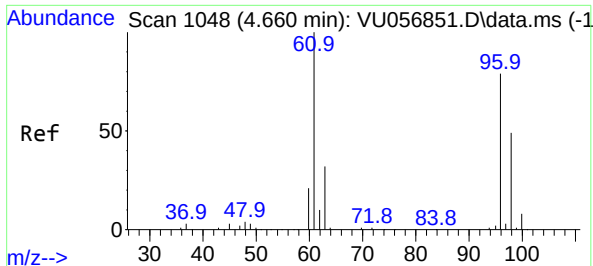
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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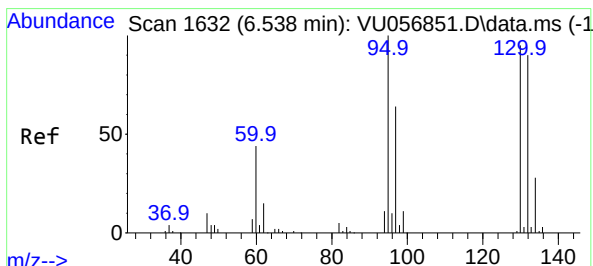
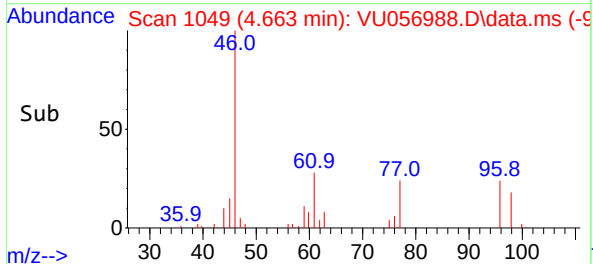
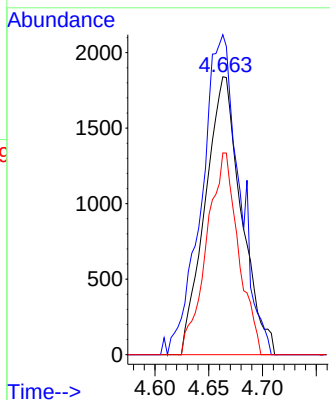
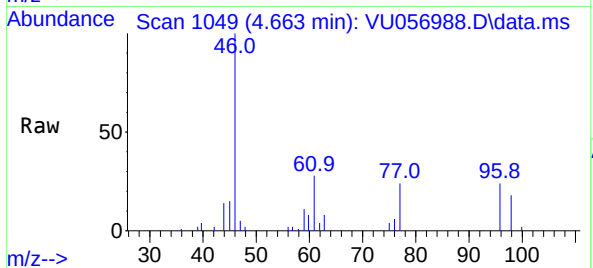


#22
 cis-1,2-Dichloroethene
 Concen: 0.224 ug/L
 RT: 4.663 min Scan# 1048
 Delta R.T. 0.003 min
 Lab File: VU056988.D
 Acq: 18 Dec 2023 13:02

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion: 96 Resp: 4301

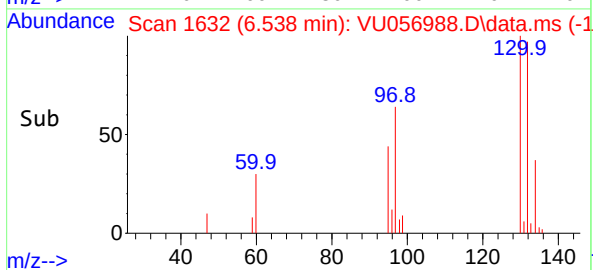
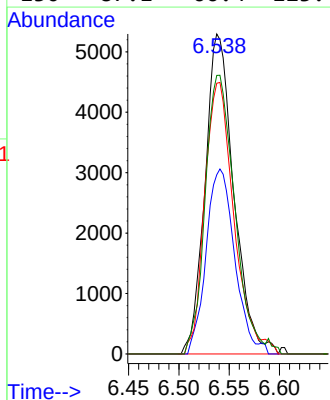
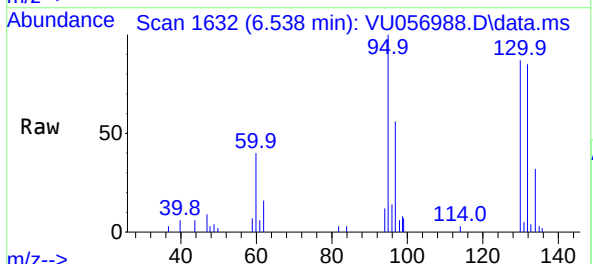
Ion	Ratio	Lower	Upper
96	100		
61	115.2	91.3	169.6
98	72.6	44.2	82.0

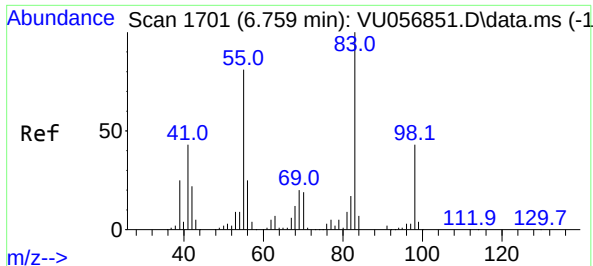


#34
 Trichloroethene
 Concen: 0.486 ug/L
 RT: 6.538 min Scan# 1632
 Delta R.T. 0.000 min
 Lab File: VU056988.D
 Acq: 18 Dec 2023 13:02

Tgt Ion: 95 Resp: 10556

Ion	Ratio	Lower	Upper
95	100		
97	56.0	46.1	85.5
132	84.6	63.6	118.0
130	87.1	66.4	123.4





#35

Methylcyclohexane

Concen: 0.707 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.077 min

Lab File: VU056988.D

Acq: 18 Dec 2023 13:02

Instrument :

MSVOA_U

ClientSampleId :

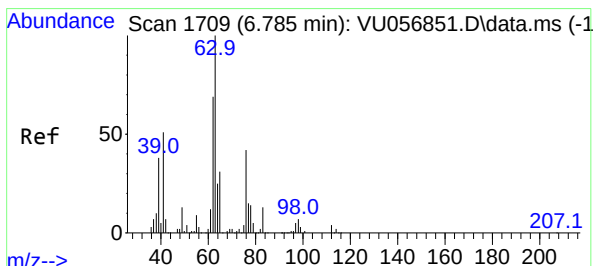
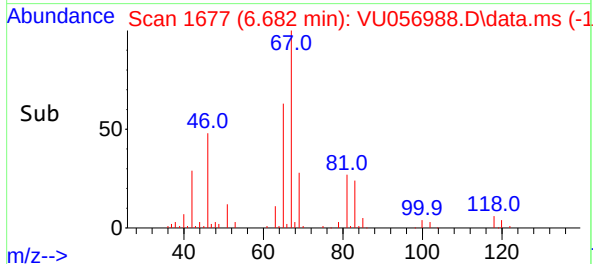
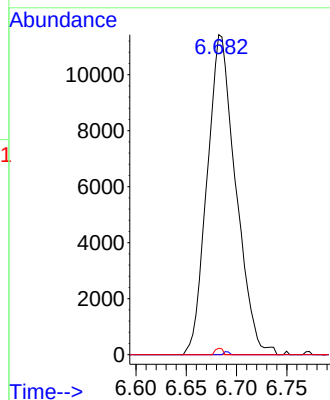
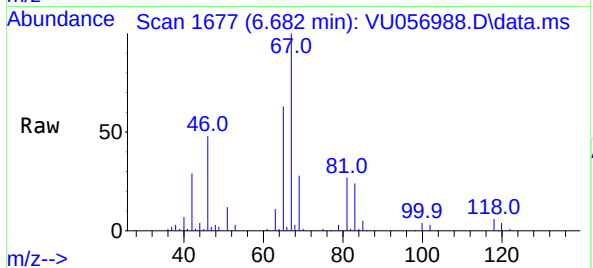
Tgt Ion: 83 Resp: 22628

Ion Ratio Lower Upper

83 100

55 0.2 64.6 97.0#

98 0.5 36.1 54.1#



#37

1,2-Dichloropropane

Concen: 0.516 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.099 min

Lab File: VU056988.D

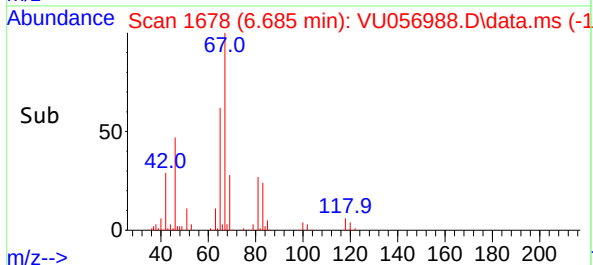
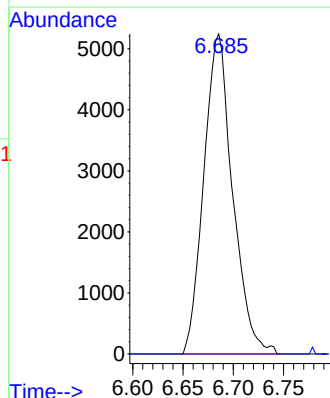
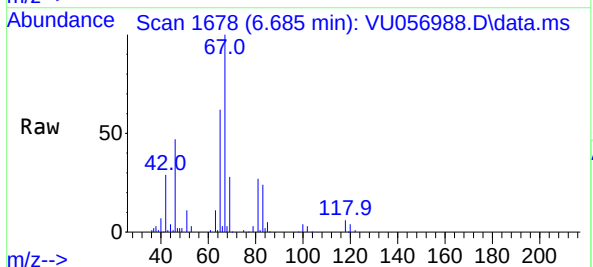
Acq: 18 Dec 2023 13:02

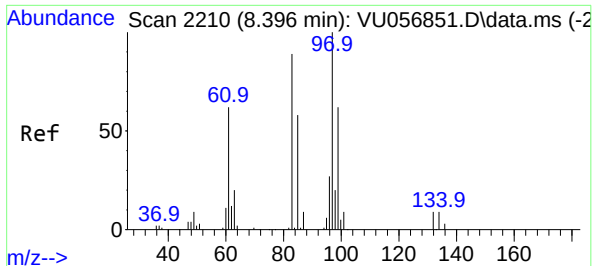
Tgt Ion: 63 Resp: 10441

Ion Ratio Lower Upper

63 100

112 0.2 3.3 4.9#





#45

1,1,2-Trichloroethane

Concen: 1.868 ug/L

RT: 8.547 min Scan# 21

Delta R.T. 0.151 min

Lab File: VU056988.D

Acq: 18 Dec 2023 13:02

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 25552

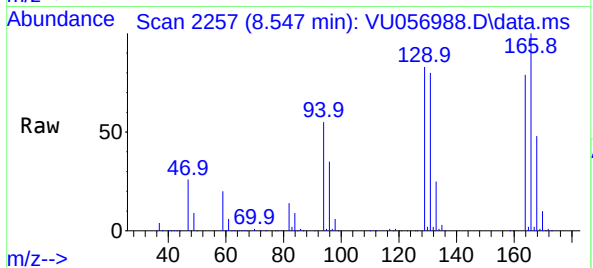
Ion Ratio Lower Upper

97 100

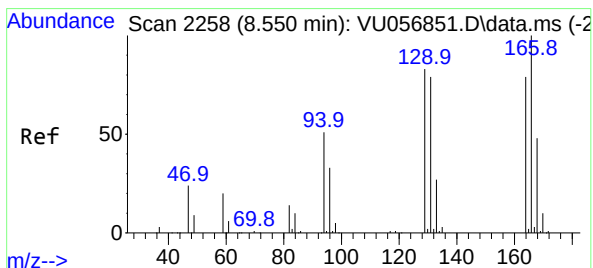
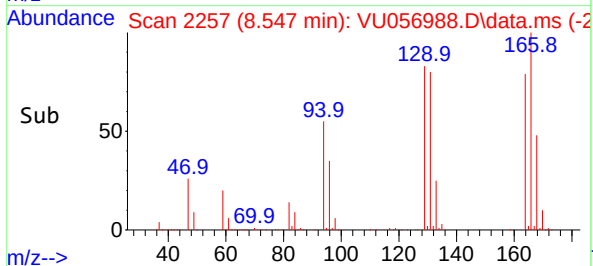
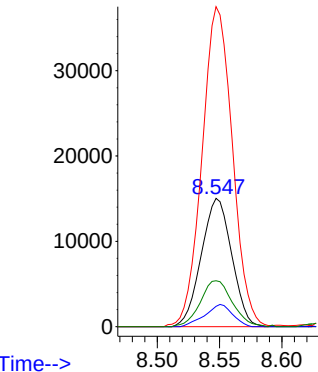
99 15.8 41.9 77.9#

83 249.4 59.1 109.7#

85 35.8 39.6 73.6#



Abundance



#47

Tetrachloroethene

Concen: 174.536 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. 0.000 min

Lab File: VU056988.D

Acq: 18 Dec 2023 13:02

Tgt Ion:164 Resp: 2650888

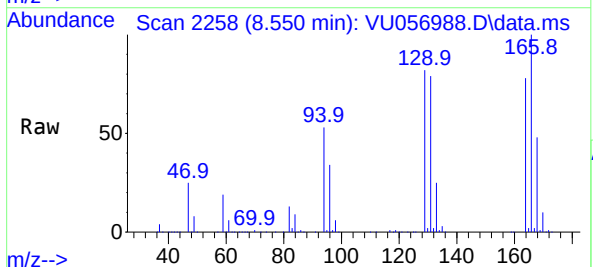
Ion Ratio Lower Upper

164 100

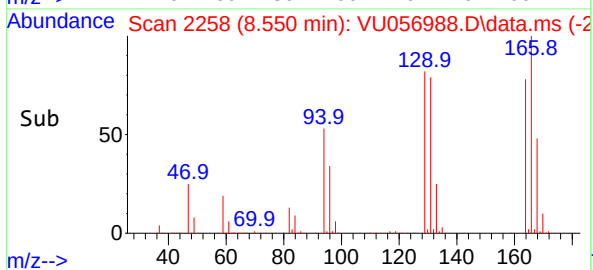
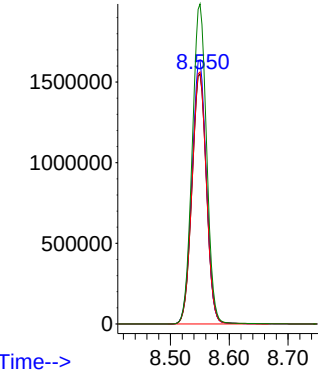
129 105.5 73.4 136.4

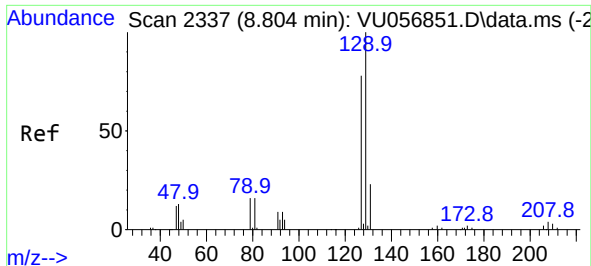
131 100.8 71.5 132.9

166 128.0 92.7 172.1



Abundance

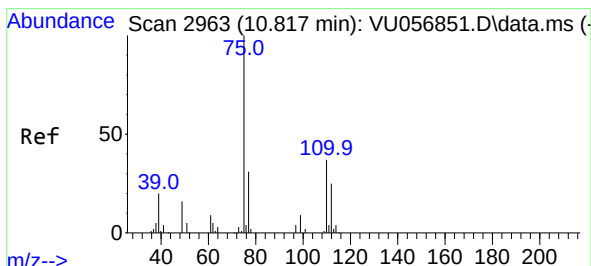
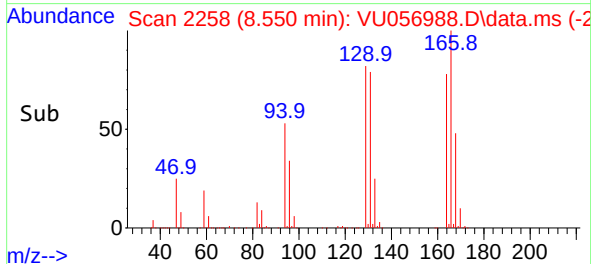
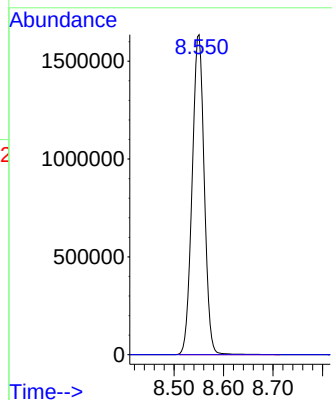
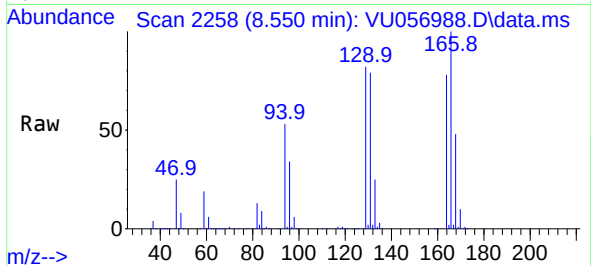




#49
Dibromochloromethane
Concen: 176.745 ug/L
RT: 8.550 min Scan# 21
Delta R.T. -0.254 min
Lab File: VU056988.D
Acq: 18 Dec 2023 13:02

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:129 Resp: 2779647
Ion Ratio Lower Upper
129 100
127 0.0 53.9 100.1#



#61
1,2,3-Trichloropropane
Concen: 1.110 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU056988.D
Acq: 18 Dec 2023 13:02

Tgt Ion: 75 Resp: 11503
Ion Ratio Lower Upper
75 100
110 4.1 28.4 42.6#
77 36.0 26.3 39.5

