

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121523\
 Data File : VU056897.D
 Acq On : 15 Dec 2023 22:51
 Operator : MD/SY
 Sample : 05809-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F7C03

Quant Time: Dec 16 00:07:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 15 01:53:53 2023
 Response via : Initial Calibration

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

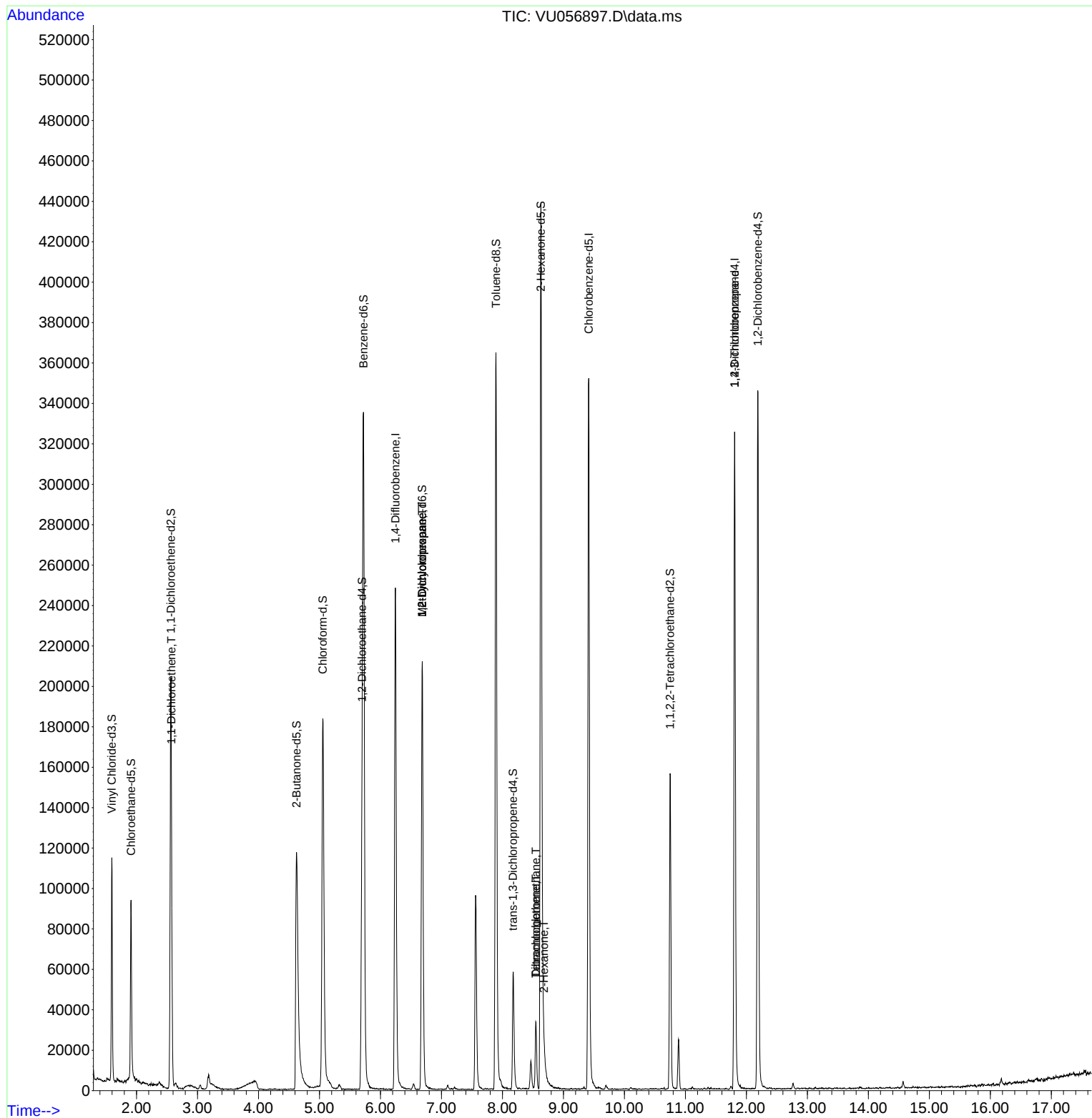
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	202836	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	209850	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	87888	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	78433	4.511	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.200%
7) Chloroethane-d5	1.911	69	64734	4.975	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.600%
11) 1,1-Dichloroethene-d2	2.563	65	35707	4.800	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.000%
20) 2-Butanone-d5	4.624	46	197805	57.609	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.220%
24) Chloroform-d	5.055	84	173066	5.257	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.200%
26) 1,2-Dichloroethane-d4	5.698	65	85780	5.506	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.200%
32) Benzene-d6	5.721	84	319607	4.910	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.200%
36) 1,2-Dichloropropane-d6	6.685	67	105104	5.159	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.200%
41) Toluene-d8	7.894	98	260062	4.470	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.400%
43) trans-1,3-Dichloroprop...	8.174	79	36784	4.656	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.200%
46) 2-Hexanone-d5	8.631	63	148191	49.732	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.460%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	81017	5.496	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	92243	5.339	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.800%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.573	96	13448	0.817	ug/L #	1
35) Methylcyclohexane	6.685	83	24678	0.827	ug/L #	17
37) 1,2-Dichloropropane	6.685	63	11277	0.598	ug/L #	88
47) Tetrachloroethene	8.550	164	7033	0.497	ug/L	94
48) 2-Hexanone	8.682	43	5992	0.939	ug/L #	76
49) Dibromochloromethane	8.547	129	7399	0.505	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	11308	1.198	ug/L #	68

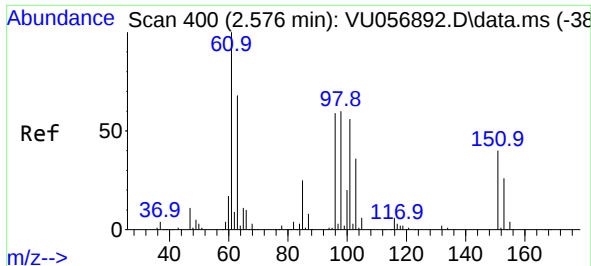
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.817 ug/L

RT: 2.573 min Scan# 399

Delta R.T. -0.003 min

Lab File: VU056897.D

Acq: 15 Dec 2023 22:51

Instrument :

MSVOA_U

ClientSampleId :

F7C03

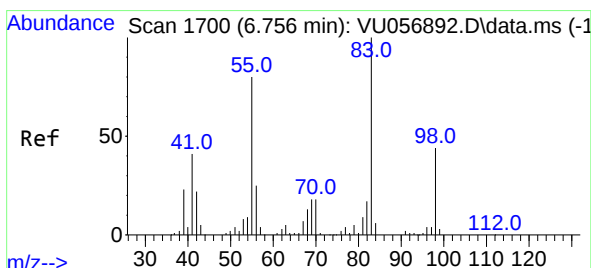
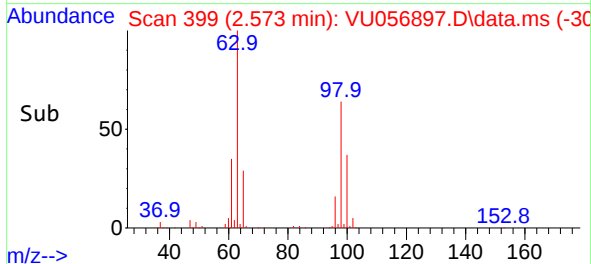
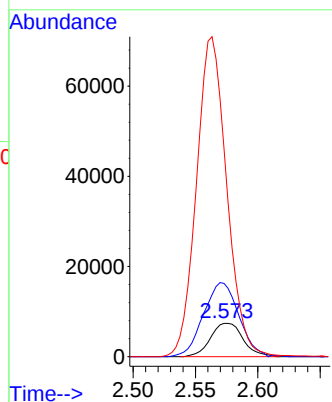
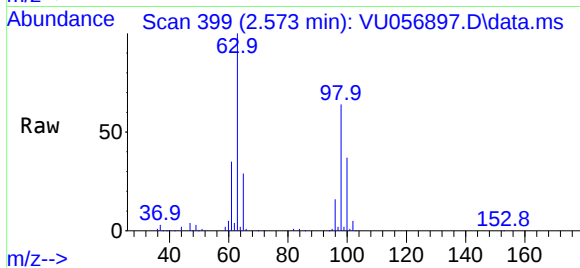
Tgt Ion: 96 Resp: 13448

Ion Ratio Lower Upper

96 100

61 219.9 119.0 221.0

63 624.3 88.7 164.7#



#35

Methylcyclohexane

Concen: 0.827 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.074 min

Lab File: VU056897.D

Acq: 15 Dec 2023 22:51

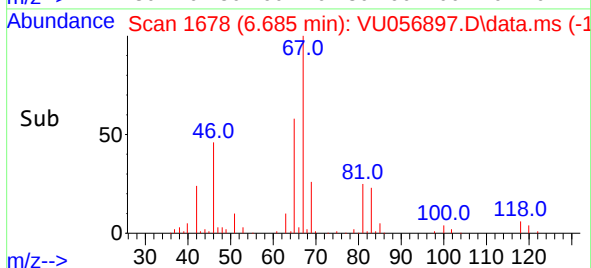
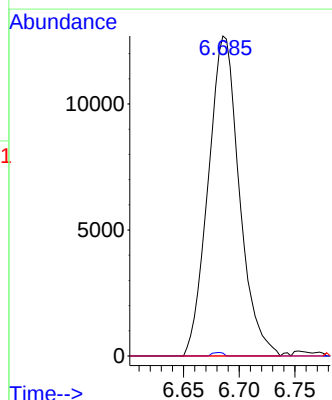
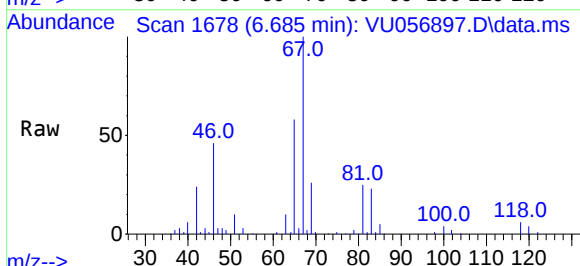
Tgt Ion: 83 Resp: 24678

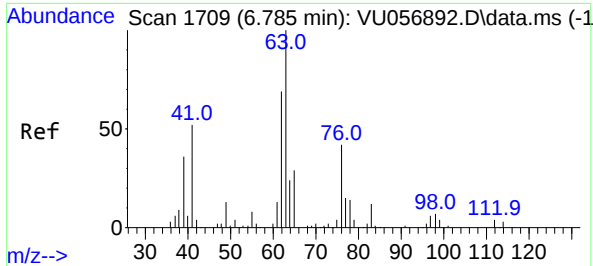
Ion Ratio Lower Upper

83 100

55 0.4 64.6 97.0#

98 0.1 36.1 54.1#

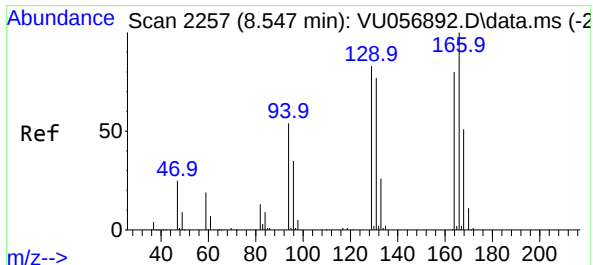
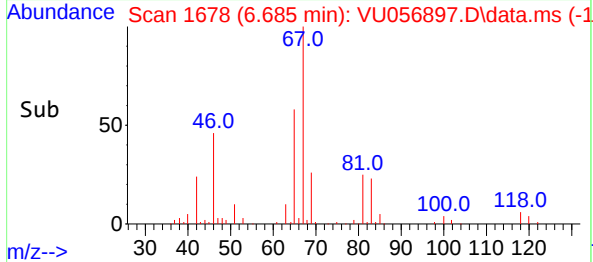
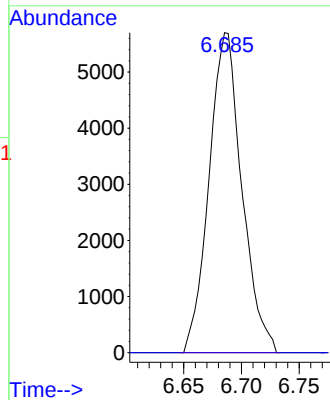
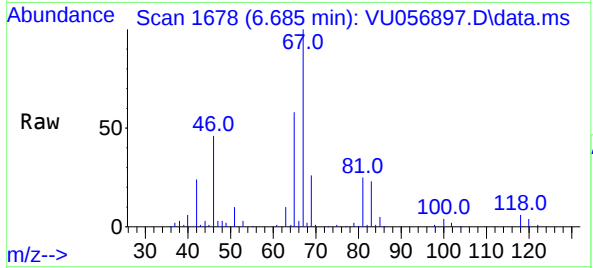




#37
1,2-Dichloropropane
Concen: 0.598 ug/L
RT: 6.685 min Scan# 11
Delta R.T. -0.100 min
Lab File: VU056897.D
Acq: 15 Dec 2023 22:51

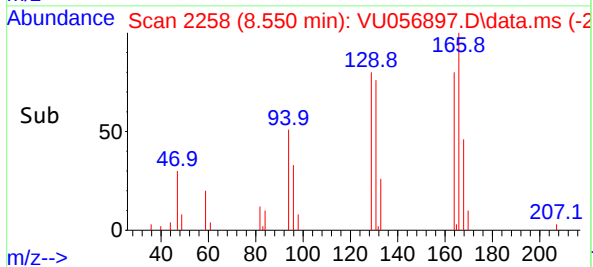
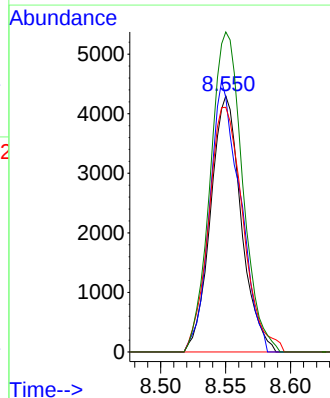
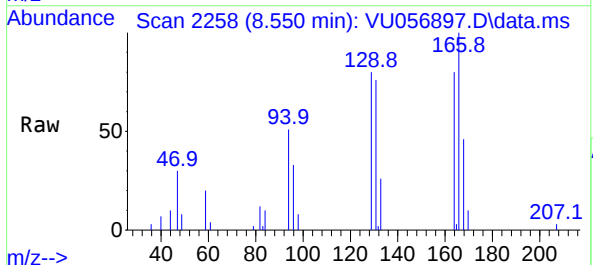
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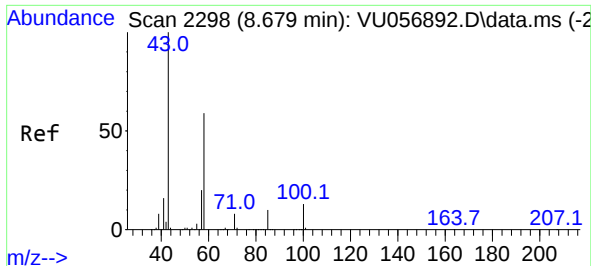
Tgt Ion: 63 Resp: 11277
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#



#47
Tetrachloroethene
Concen: 0.497 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.000 min
Lab File: VU056897.D
Acq: 15 Dec 2023 22:51

Tgt Ion:164 Resp: 7033
Ion Ratio Lower Upper
164 100
129 99.4 73.4 136.4
131 95.6 71.5 132.9
166 125.0 92.7 172.1

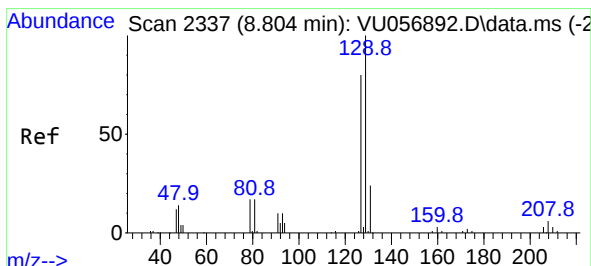
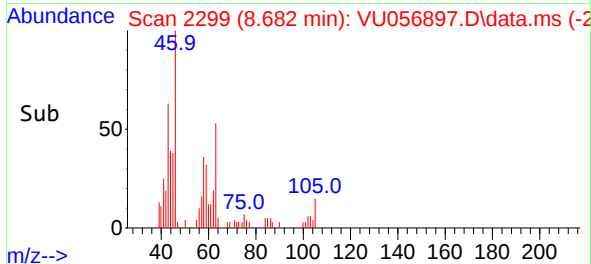
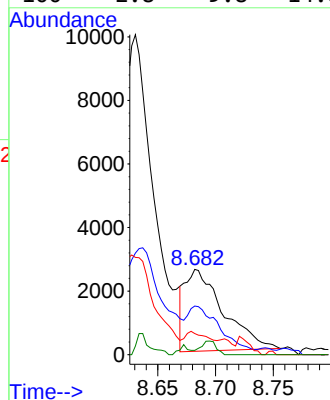
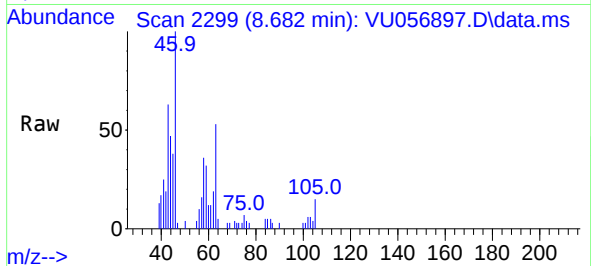




#48
2-Hexanone
Concen: 0.939 ug/L
RT: 8.682 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU056897.D
Acq: 15 Dec 2023 22:51

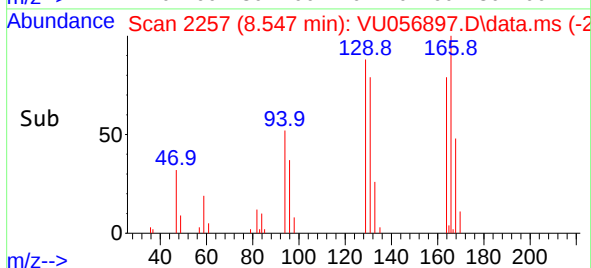
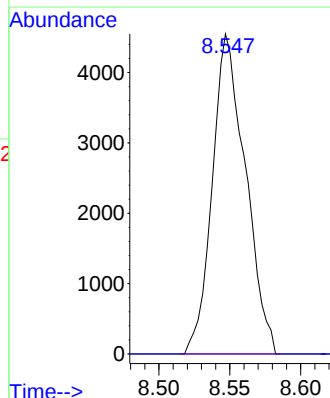
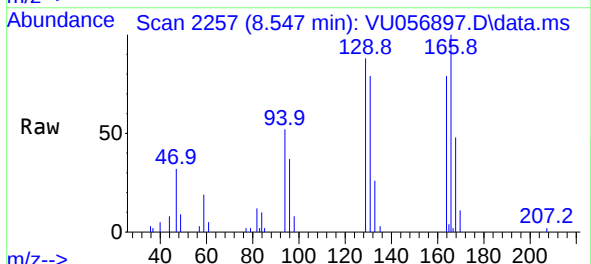
Instrument :
MSVOA_U
ClientSampleId :
F7C03

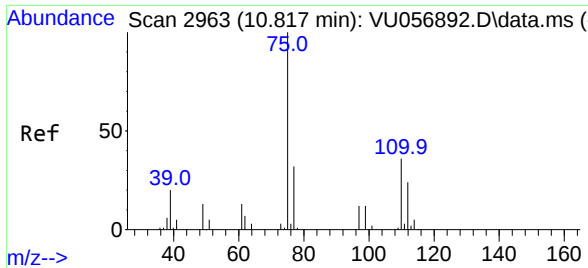
Tgt Ion: 43	Resp: 5992
Ion Ratio	Lower Upper
43 100	
58 43.6	47.5 71.3#
57 6.6	17.0 25.4#
100 2.8	9.8 14.8#



#49
Dibromochloromethane
Concen: 0.505 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.257 min
Lab File: VU056897.D
Acq: 15 Dec 2023 22:51

Tgt Ion:129	Resp:	7399	
Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.9	100.1#





#61
1,2,3-Trichloropropane
Concen: 1.198 ug/L
RT: 11.807 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU056897.D
Acq: 15 Dec 2023 22:51

Instrument :
MSVOA_U
ClientSampleId :
F7C03

Tgt Ion:	75	Resp:	11308
Ion	Ratio	Lower	Upper
75	100		
110	1.8	28.4	42.6#
77	30.6	26.3	39.5

