

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111123\
 Data File : VU056221.D
 Acq On : 11 Nov 2023 16:52
 Operator : MD/SY
 Sample : 05339-19
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 11 20:23:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 11 20:19:10 2023
 Response via : Initial Calibration

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

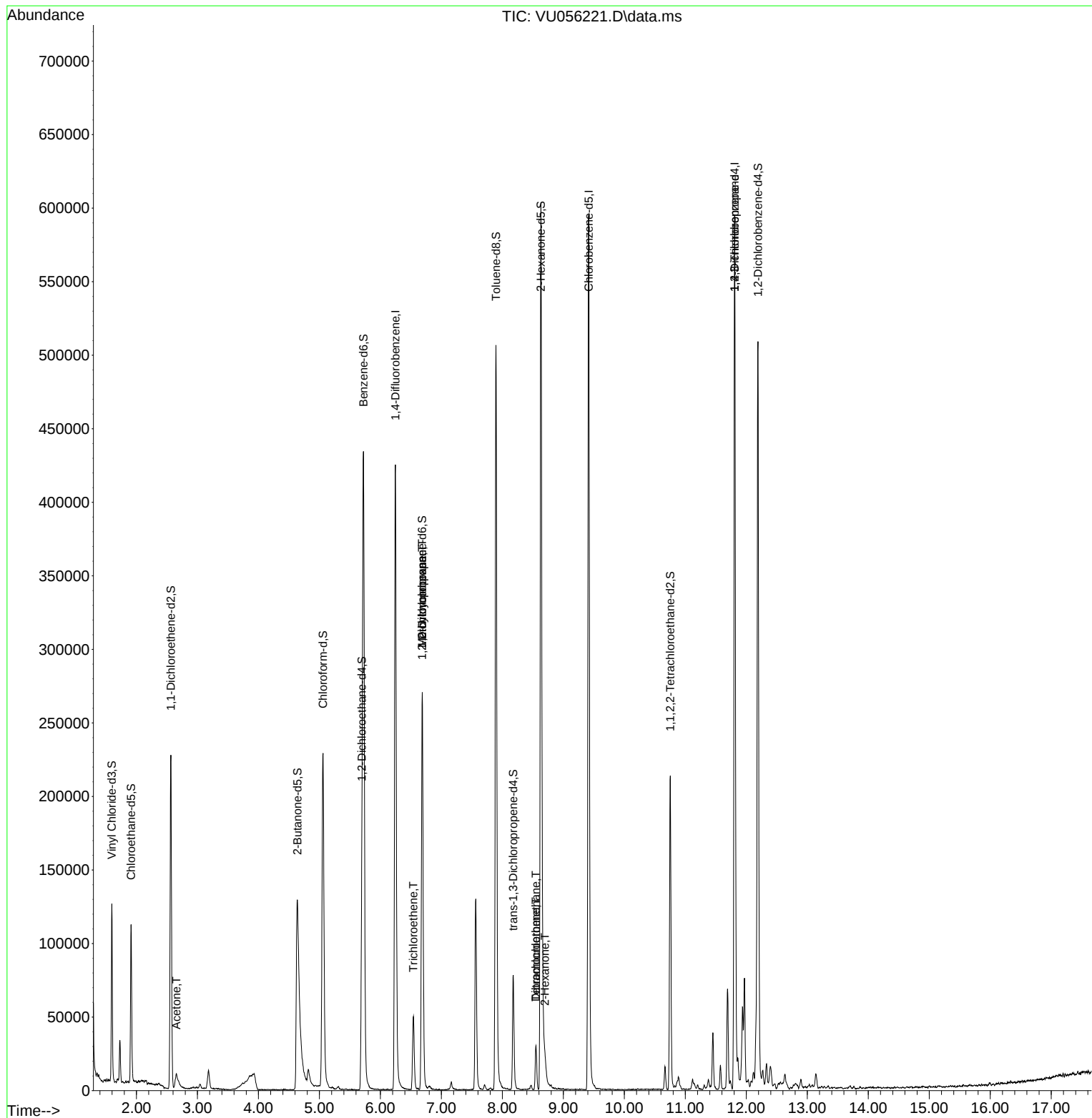
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	363331	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	363246	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	167981	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	87290	3.871	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.400%
7) Chloroethane-d5	1.911	69	83276	5.441	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.800%
11) 1,1-Dichloroethene-d2	2.563	65	43199	4.348	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.000%
20) 2-Butanone-d5	4.637	46	272588	73.677	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	147.360%#
24) Chloroform-d	5.058	84	218647	5.093	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.800%
26) 1,2-Dichloroethane-d4	5.695	65	104354	5.521	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.400%
32) Benzene-d6	5.721	84	434274	4.978	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.600%
36) 1,2-Dichloropropane-d6	6.685	67	137579	5.357	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.200%
41) Toluene-d8	7.894	98	362678	4.537	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
43) trans-1,3-Dichloroprop...	8.177	79	47871	4.877	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.600%
46) 2-Hexanone-d5	8.631	63	224296	69.712	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	139.420%#
56) 1,1,2,2-Tetrachloroeth...	10.753	84	109476	5.973	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	119.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	140607	5.428	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.600%
Target Compounds						
13) Acetone	2.653	43	23831	8.734	ug/L	75
34) Trichloroethene	6.541	95	17504	0.616	ug/L	93
35) Methylcyclohexane	6.685	83	32382	0.767	ug/L #	20
37) 1,2-Dichloropropane	6.682	63	13775	0.509	ug/L #	87
47) Tetrachloroethene	8.550	164	7173	0.336	ug/L	89
48) 2-Hexanone	8.695	43	11494	1.334	ug/L #	86
49) Dibromochloromethane	8.550	129	7707	0.363	ug/L #	10
61) 1,2,3-Trichloropropane	11.807	75	18805	1.297	ug/L #	68

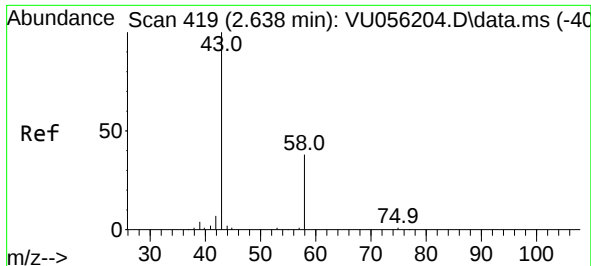
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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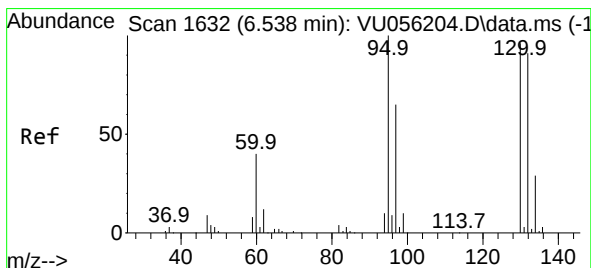
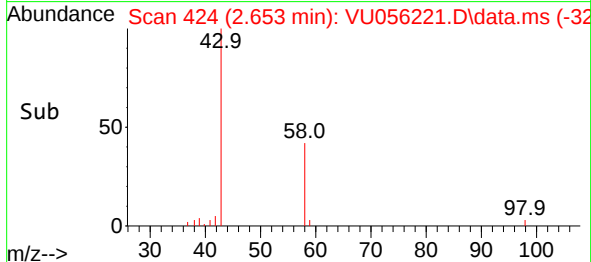
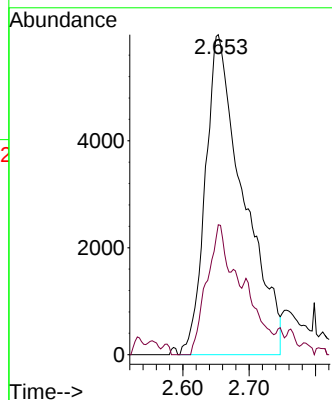
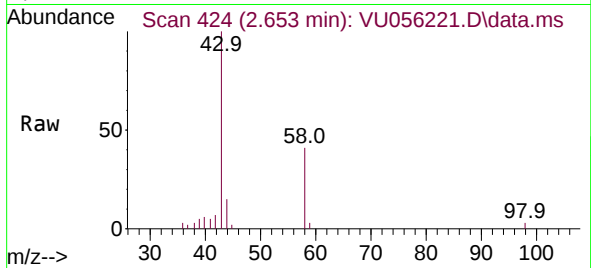




#13
Acetone
Concen: 8.734 ug/L
RT: 2.653 min Scan# 419
Delta R.T. 0.016 min
Lab File: VU056221.D
Acq: 11 Nov 2023 16:52

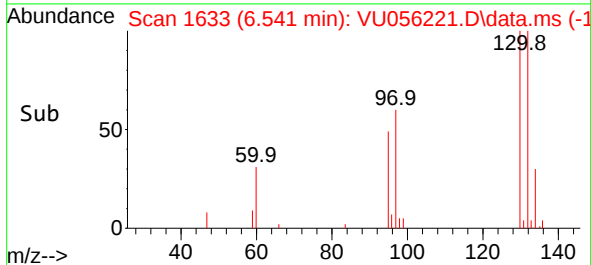
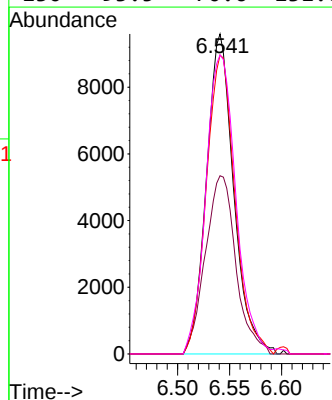
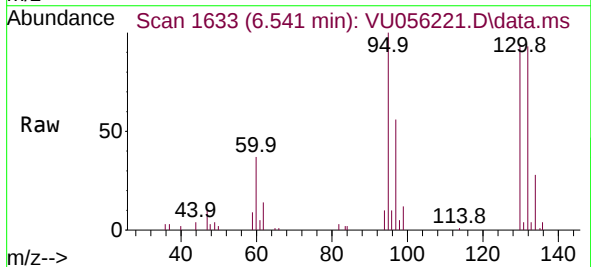
Instrument :
MSVOA_U
ClientSampleId :

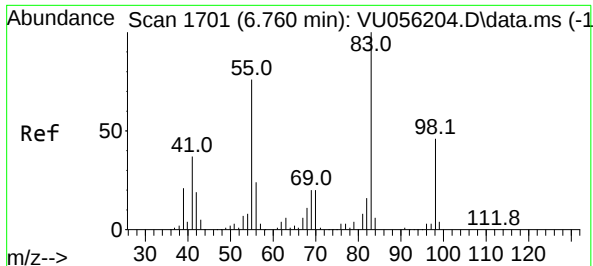
Tgt Ion: 43 Resp: 23831
Ion Ratio Lower Upper
43 100
58 22.3 0.0 74.4



#34
Trichloroethene
Concen: 0.616 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. 0.003 min
Lab File: VU056221.D
Acq: 11 Nov 2023 16:52

Tgt Ion: 95 Resp: 17504
Ion Ratio Lower Upper
95 100
97 55.7 46.8 87.0
132 93.4 66.5 123.5
130 93.5 70.6 131.0





#35

Methylcyclohexane

Concen: 0.767 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU056221.D

Acq: 11 Nov 2023 16:52

Instrument :

MSVOA_U

ClientSampleId :

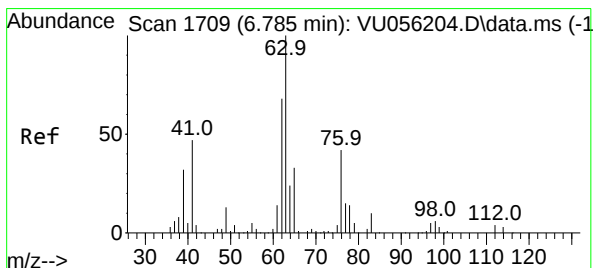
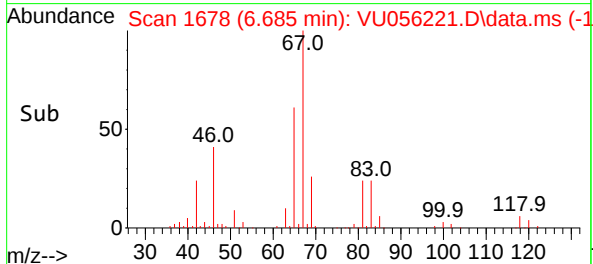
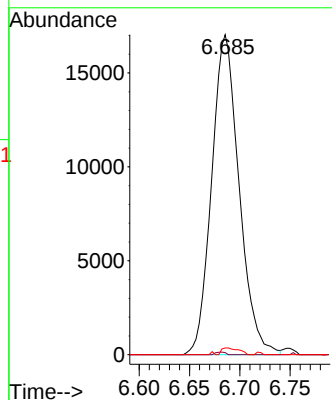
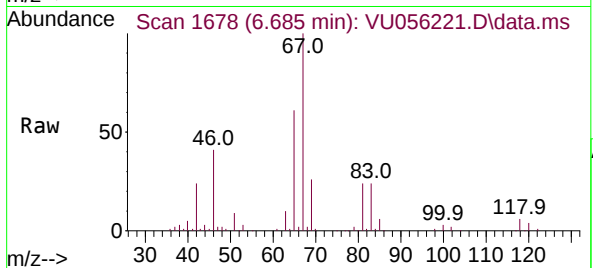
Tgt Ion: 83 Resp: 32382

Ion Ratio Lower Upper

83 100

55 0.3 60.6 91.0#

98 1.3 36.2 54.4#



#37

1,2-Dichloropropane

Concen: 0.509 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.103 min

Lab File: VU056221.D

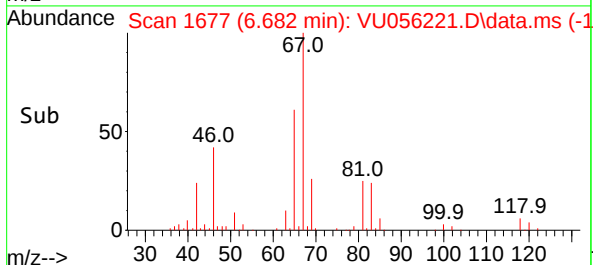
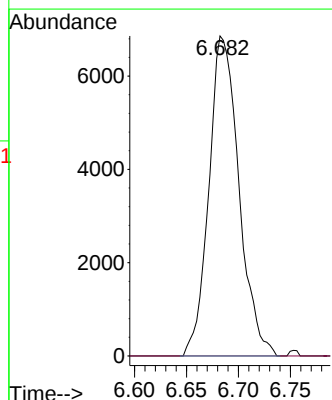
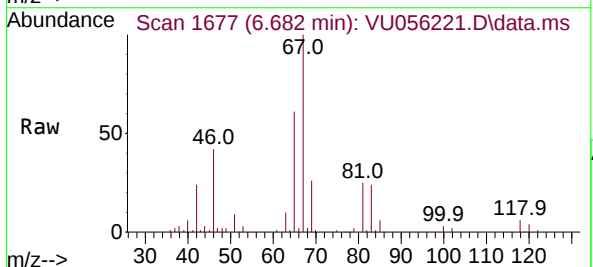
Acq: 11 Nov 2023 16:52

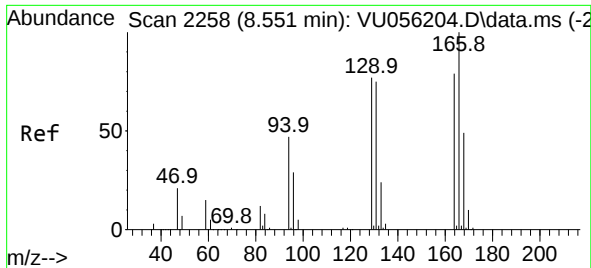
Tgt Ion: 63 Resp: 13775

Ion Ratio Lower Upper

63 100

112 0.1 3.4 5.2#





#47

Tetrachloroethene

Concen: 0.336 ug/L

RT: 8.550 min Scan# 21

Delta R.T. -0.000 min

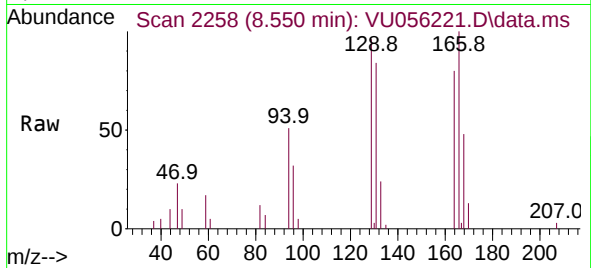
Lab File: VU056221.D

Acq: 11 Nov 2023 16:52

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 7173

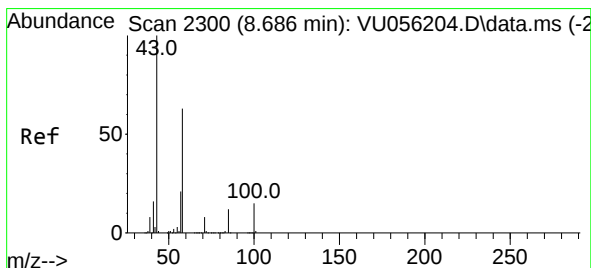
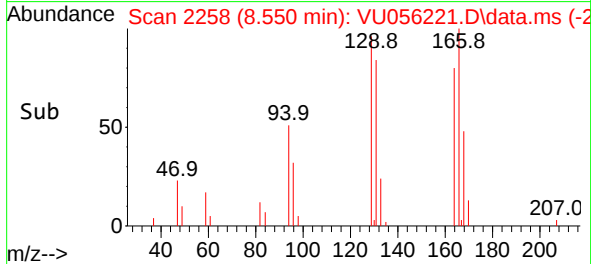
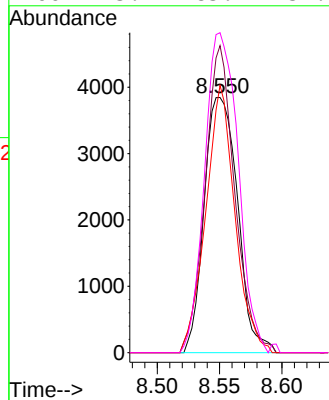
Ion Ratio Lower Upper

164 100

129 120.3 66.6 123.8

131 104.7 67.8 126.0

166 125.4 85.9 159.5



#48

2-Hexanone

Concen: 1.334 ug/L

RT: 8.695 min Scan# 2303

Delta R.T. 0.009 min

Lab File: VU056221.D

Acq: 11 Nov 2023 16:52

Tgt Ion: 43 Resp: 11494

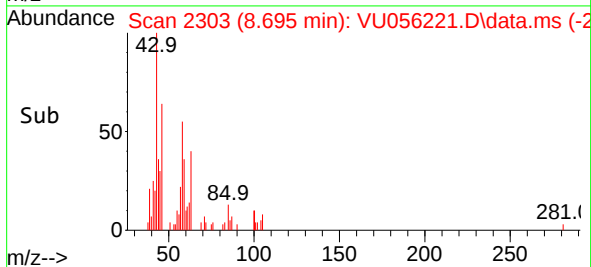
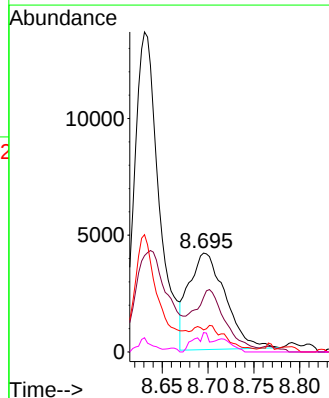
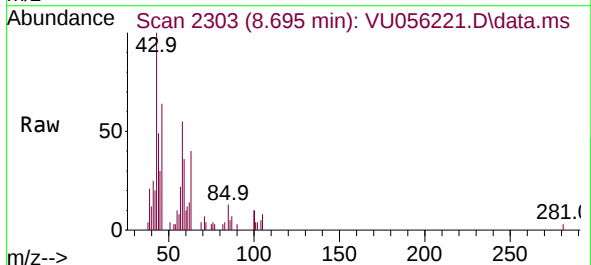
Ion Ratio Lower Upper

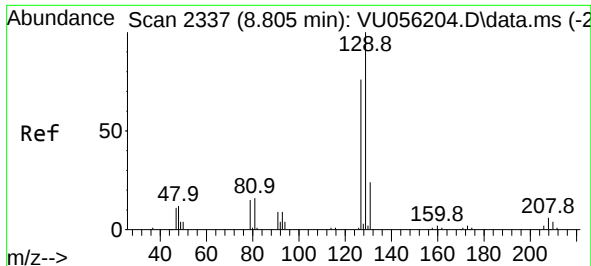
43 100

58 54.7 52.0 78.0

57 12.7 17.4 26.2#

100 8.6 11.0 16.6#

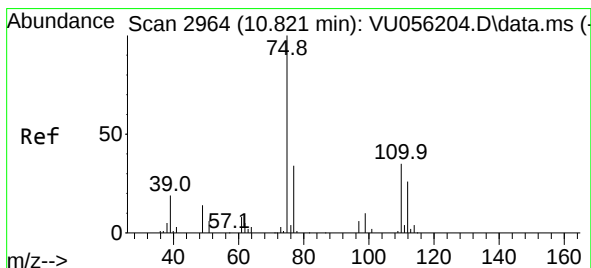
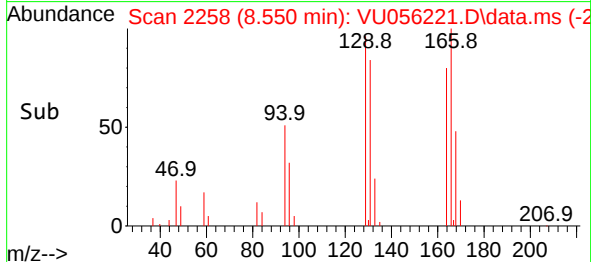
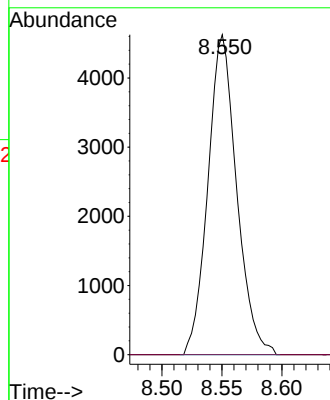
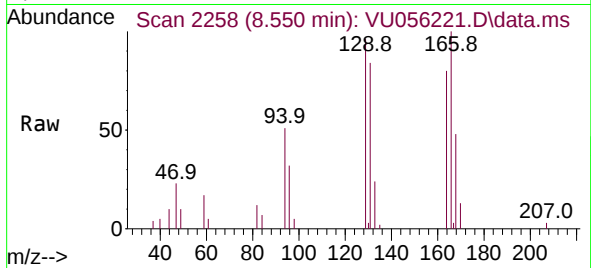




#49
Dibromochloromethane
Concen: 0.363 ug/L
RT: 8.550 min Scan# 21
Delta R.T. -0.254 min
Lab File: VU056221.D
Acq: 11 Nov 2023 16:52

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:129 Resp: 7707
Ion Ratio Lower Upper
129 100
127 0.0 55.4 102.8#



#61
1,2,3-Trichloropropane
Concen: 1.297 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.987 min
Lab File: VU056221.D
Acq: 11 Nov 2023 16:52

Tgt Ion: 75 Resp: 18805
Ion Ratio Lower Upper
75 100
110 3.1 29.7 44.5#
77 33.4 25.5 38.3

