

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121223\
 Data File : VU056796.D
 Acq On : 12 Dec 2023 19:22
 Operator : MD/SY
 Sample : 05677-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AC8

Quant Time: Dec 13 00:35:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 13 00:30:00 2023
 Response via : Initial Calibration

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

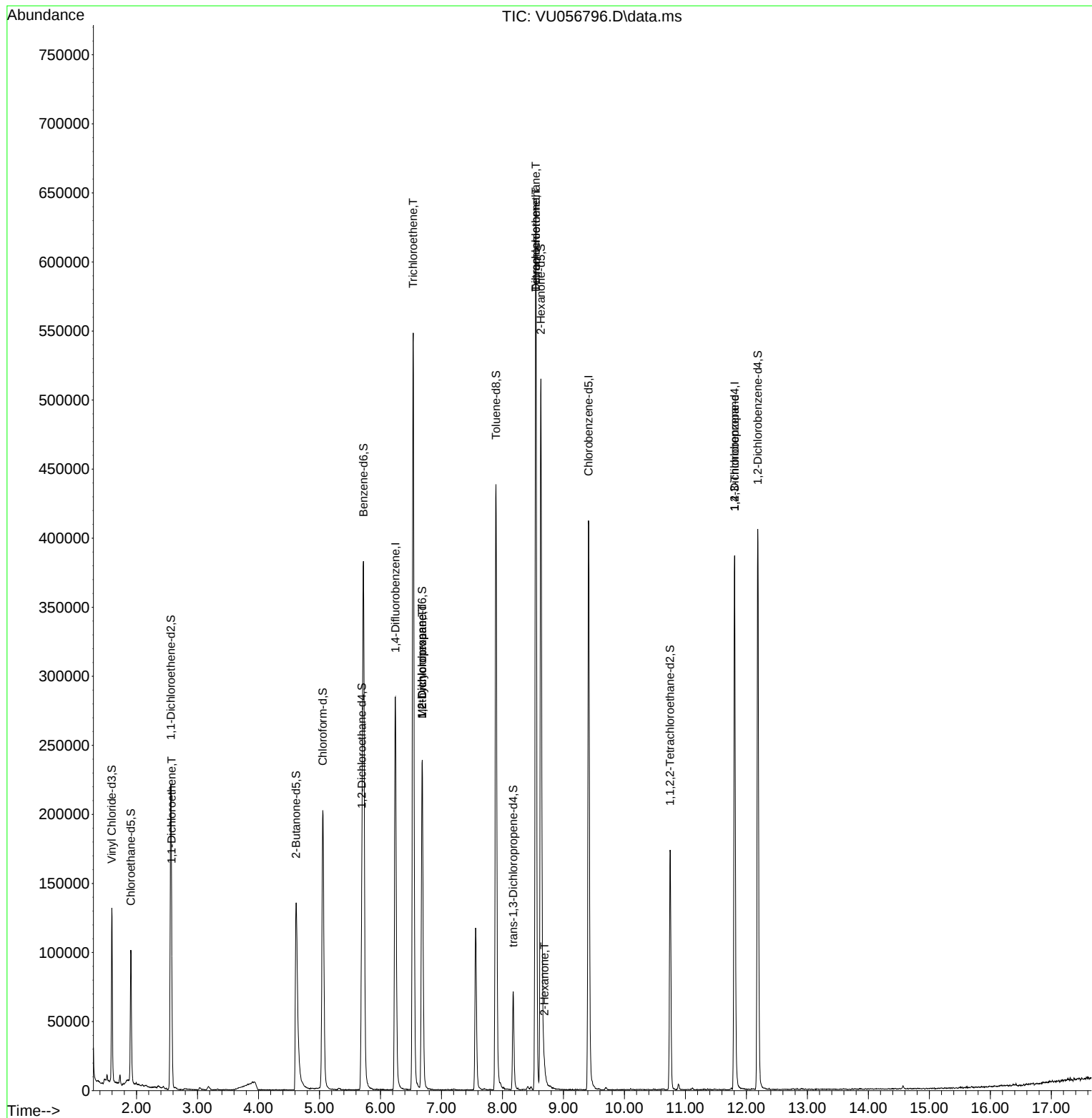
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	237094	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	238127	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	100572	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	89938	4.425	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.600%
7) Chloroethane-d5	1.907	69	69948	4.599	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.000%
11) 1,1-Dichloroethene-d2	2.563	65	40506	4.658	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.200%
20) 2-Butanone-d5	4.618	46	223205	55.614	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.220%
24) Chloroform-d	5.055	84	198370	5.155	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.000%
26) 1,2-Dichloroethane-d4	5.695	65	99061	5.440	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.800%
32) Benzene-d6	5.721	84	369474	5.002	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
36) 1,2-Dichloropropane-d6	6.682	67	119598	5.173	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.400%
41) Toluene-d8	7.894	98	309824	4.693	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.800%
43) trans-1,3-Dichloroprop...	8.177	79	42491	4.740	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.800%
46) 2-Hexanone-d5	8.630	63	177545	52.508	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.020%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	88912	5.316	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	106933	5.409	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.200%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.576	96	11119	0.578	ug/L #	1
34) Trichloroethene	6.537	95	197653	8.610	ug/L	99
35) Methylcyclohexane	6.682	83	28434	0.839	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	13166	0.615	ug/L #	88
47) Tetrachloroethene	8.547	164	140134	8.722	ug/L	95
48) 2-Hexanone	8.688	43	6660	0.920	ug/L #	53
49) Dibromochloromethane	8.547	129	142700	8.578	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	12317	1.141	ug/L #	67

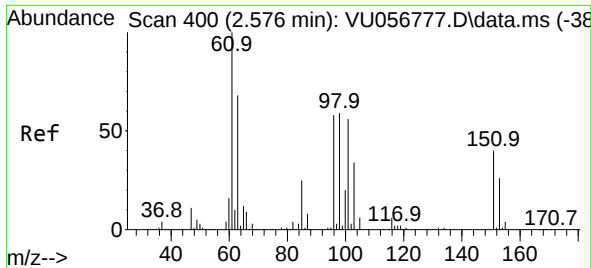
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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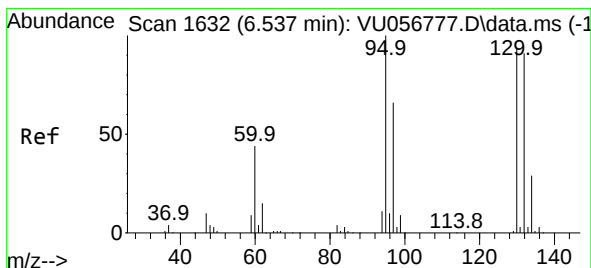
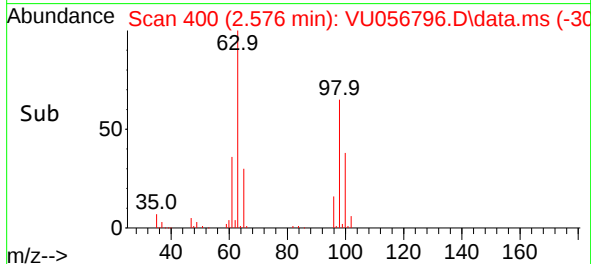
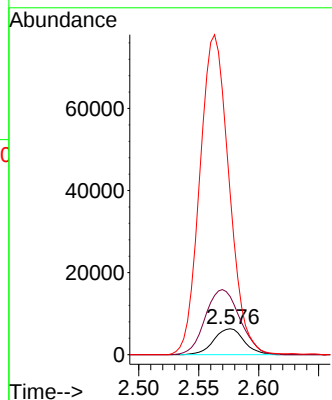
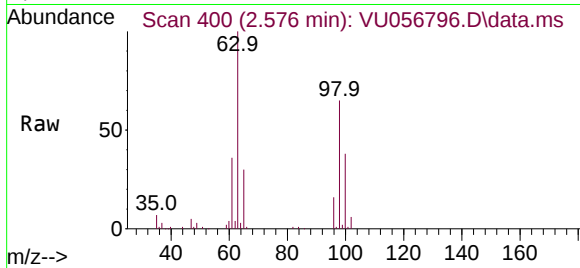




#12
1,1-Dichloroethene
Concen: 0.578 ug/L
RT: 2.576 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU056796.D
Acq: 12 Dec 2023 19:22

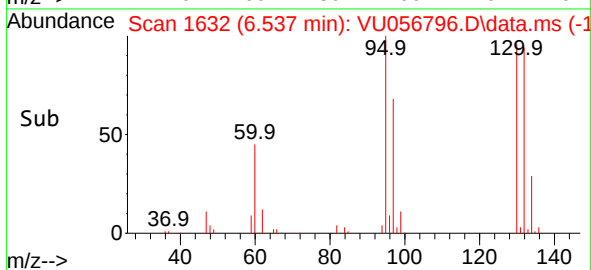
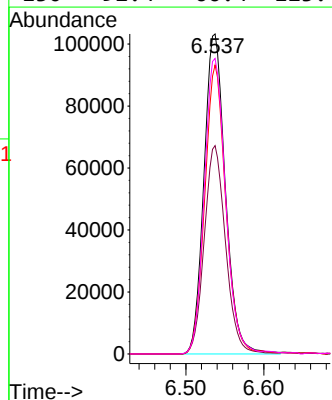
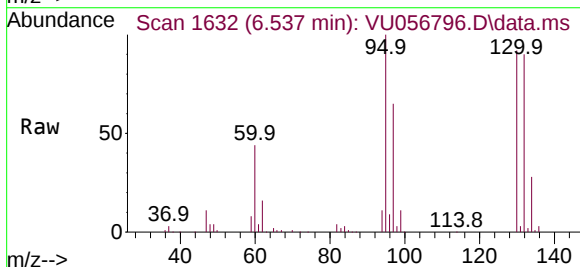
Instrument :
MSVOA_U
ClientSampleId :
H0AC8

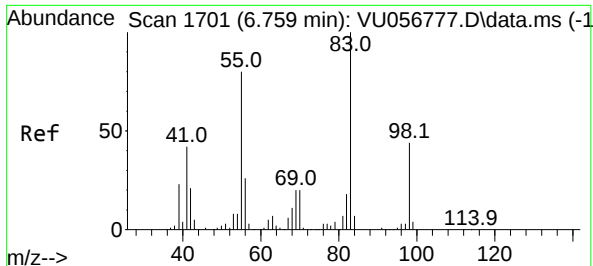
Tgt Ion: 96 Resp: 11119
Ion Ratio Lower Upper
96 100
61 224.1 119.0 221.0#
63 622.5 88.7 164.7#



#34
Trichloroethene
Concen: 8.610 ug/L
RT: 6.537 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VU056796.D
Acq: 12 Dec 2023 19:22

Tgt Ion: 95 Resp: 197653
Ion Ratio Lower Upper
95 100
97 65.1 46.1 85.5
132 90.3 63.6 118.0
130 92.4 66.4 123.4





#35

Methylcyclohexane

Concen: 0.839 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.077 min

Lab File: VU056796.D

Acq: 12 Dec 2023 19:22

Instrument :

MSVOA_U

ClientSampleId :

H0AC8

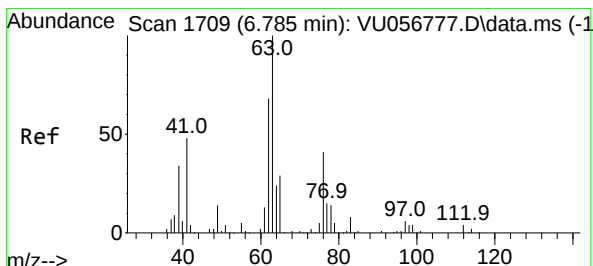
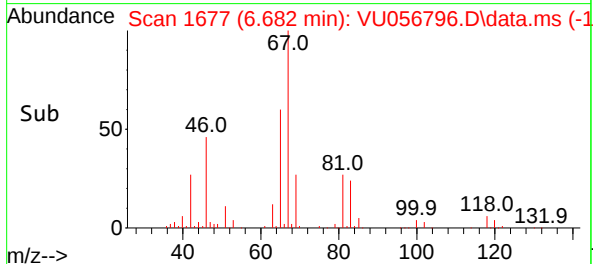
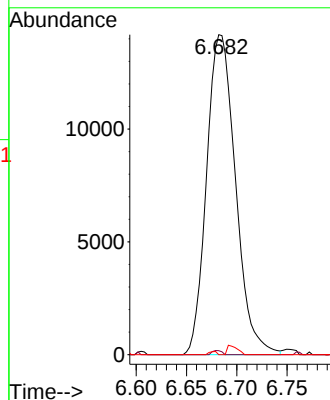
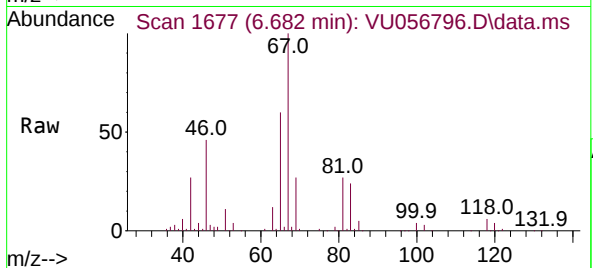
Tgt Ion: 83 Resp: 28434

Ion Ratio Lower Upper

83 100

55 0.4 64.6 97.0#

98 1.0 36.1 54.1#



#37

1,2-Dichloropropane

Concen: 0.615 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.103 min

Lab File: VU056796.D

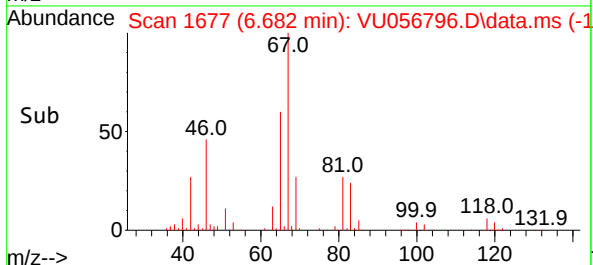
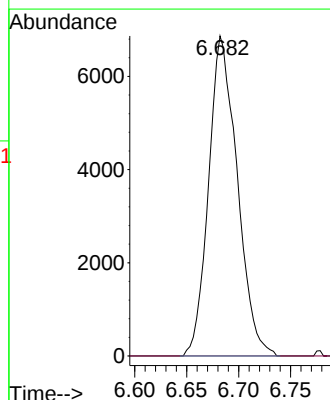
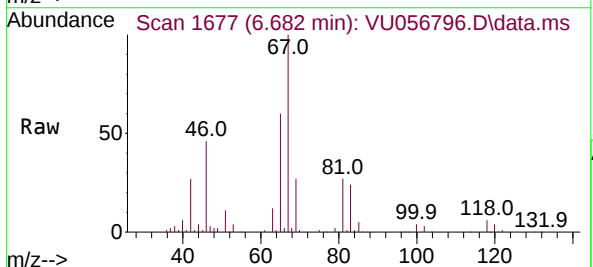
Acq: 12 Dec 2023 19:22

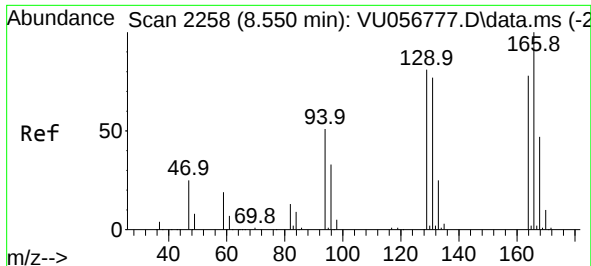
Tgt Ion: 63 Resp: 13166

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#





#47

Tetrachloroethene

Concen: 8.722 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU056796.D

Acq: 12 Dec 2023 19:22

Instrument :

MSVOA_U

ClientSampleId :

H0AC8

Tgt Ion:164 Resp: 140134

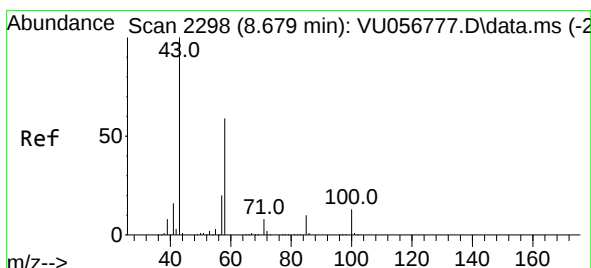
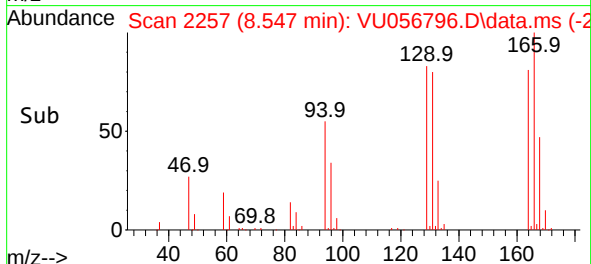
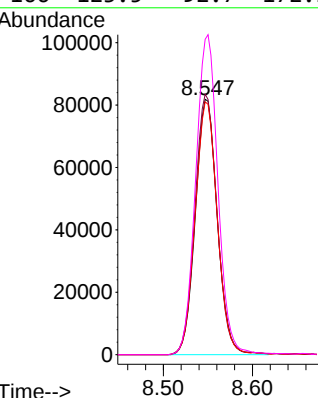
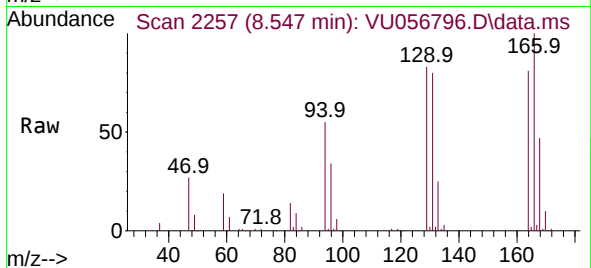
Ion Ratio Lower Upper

164 100

129 102.0 73.4 136.4

131 99.0 71.5 132.9

166 123.5 92.7 172.1



#48

2-Hexanone

Concen: 0.920 ug/L

RT: 8.688 min Scan# 2301

Delta R.T. 0.010 min

Lab File: VU056796.D

Acq: 12 Dec 2023 19:22

Tgt Ion: 43 Resp: 6660

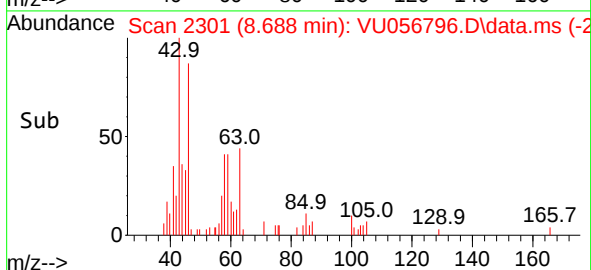
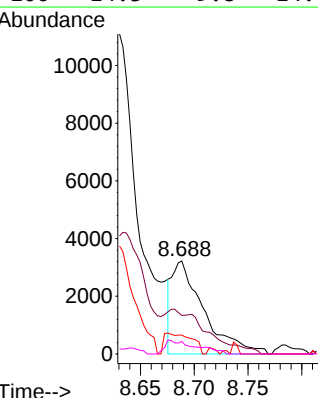
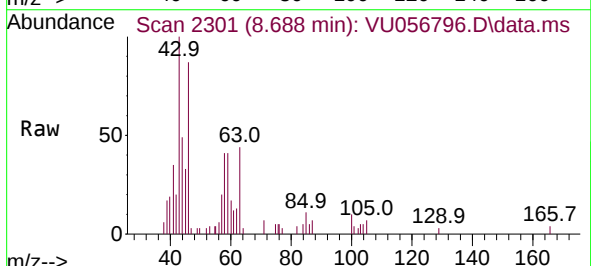
Ion Ratio Lower Upper

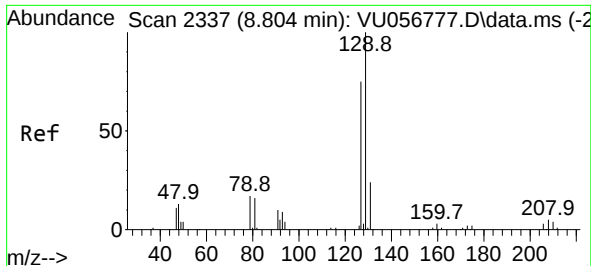
43 100

58 5.7 47.5 71.3#

57 19.2 17.0 25.4

100 14.3 9.8 14.8

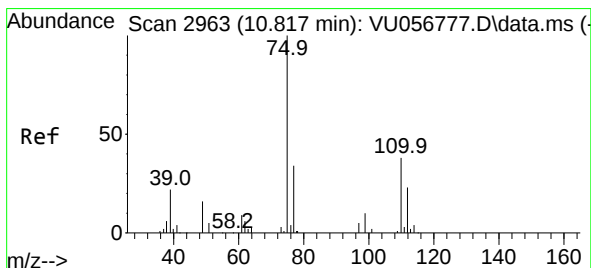
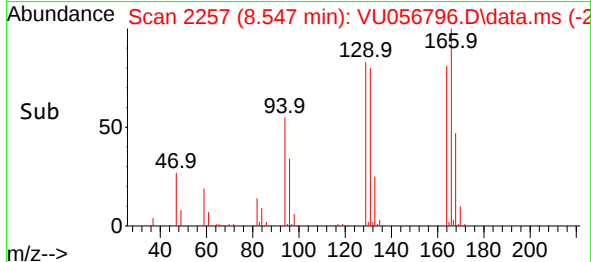
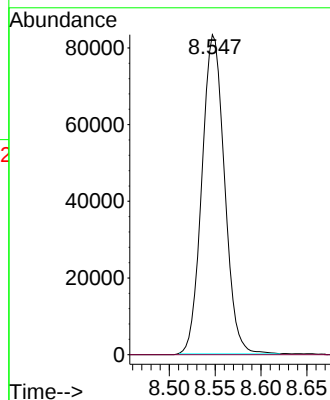
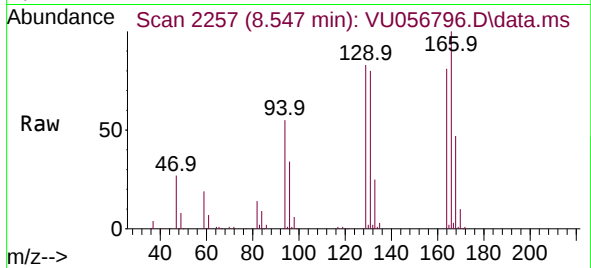




#49
Dibromochloromethane
Concen: 8.578 ug/L
RT: 8.547 min Scan# 21
Delta R.T. -0.257 min
Lab File: VU056796.D
Acq: 12 Dec 2023 19:22

Instrument :
MSVOA_U
ClientSampleId :
H0AC8

Tgt Ion:129 Resp: 142700
Ion Ratio Lower Upper
129 100
127 0.0 53.9 100.1#



#61
1,2,3-Trichloropropane
Concen: 1.141 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU056796.D
Acq: 12 Dec 2023 19:22

Tgt Ion: 75 Resp: 12317
Ion Ratio Lower Upper
75 100
110 1.5 28.4 42.6#
77 36.5 26.3 39.5

