

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110923\
 Data File : VU056137.D
 Acq On : 09 Nov 2023 13:59
 Operator : MD/SY
 Sample : 05297-02RE
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 09 21:35:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 09 21:34:15 2023
 Response via : Initial Calibration

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

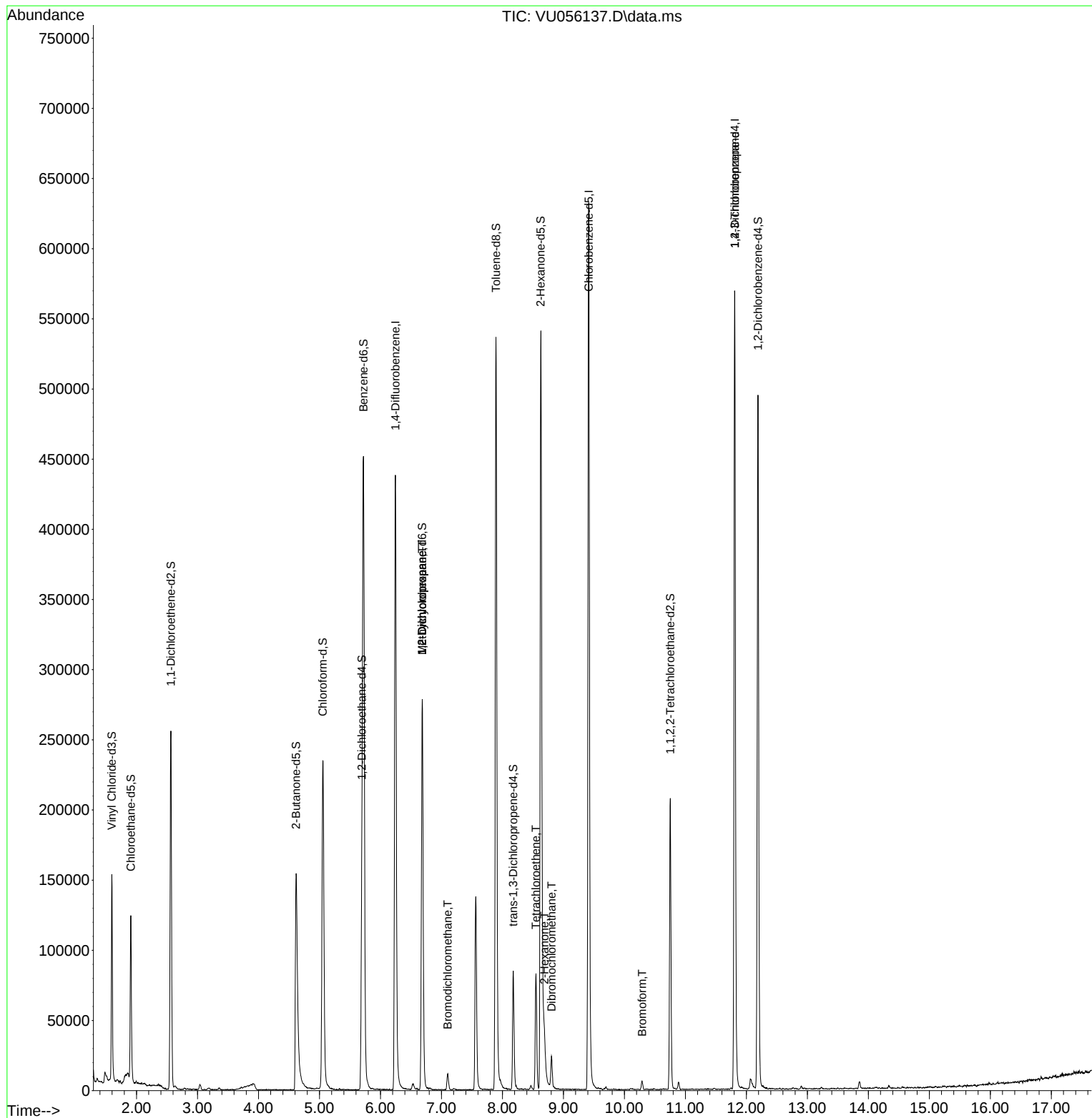
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	380798	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	386161	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	162862	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	107613	4.553	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	91.000%	
7) Chloroethane-d5	1.907	69	93478	5.828	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	116.600%	
11) 1,1-Dichloroethene-d2	2.563	65	49098	4.715	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	94.200%	
20) 2-Butanone-d5	4.618	46	239277	61.707	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	123.420%	
24) Chloroform-d	5.055	84	227897	5.065	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.400%	
26) 1,2-Dichloroethane-d4	5.695	65	109423	5.523	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	110.400%	
32) Benzene-d6	5.721	84	457505	4.933	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.600%	
36) 1,2-Dichloropropane-d6	6.685	67	142395	5.216	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	104.400%	
41) Toluene-d8	7.894	98	387540	4.560	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.200%	
43) trans-1,3-Dichloroprop...	8.177	79	49943	4.786	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	95.800%	
46) 2-Hexanone-d5	8.627	63	184698	53.998	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	108.000%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	104564	5.366	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	107.400%	
66) 1,2-Dichlorobenzene-d4	12.190	152	140799	5.606	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	112.200%	
Target Compounds						Qvalue
35) Methylcyclohexane	6.685	83	33277	0.741	ug/L #	19
37) 1,2-Dichloropropane	6.685	63	14267	0.496	ug/L #	88
38) Bromodichloromethane	7.103	83	8083	0.225	ug/L	92
47) Tetrachloroethene	8.550	164	18851	0.832	ug/L	97
48) 2-Hexanone	8.688	43	21447	2.342	ug/L #	80
49) Dibromochloromethane	8.804	129	11247	0.499	ug/L	99
59) Bromoform	10.290	173	3078	0.272	ug/L #	98
61) 1,2,3-Trichloropropane	11.810	75	19494	1.387	ug/L #	67

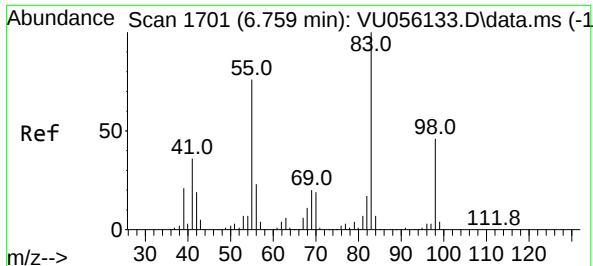
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Methylcyclohexane

Concen: 0.741 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU056137.D

Acq: 09 Nov 2023 13:59

Instrument :

MSVOA_U

ClientSampleId :

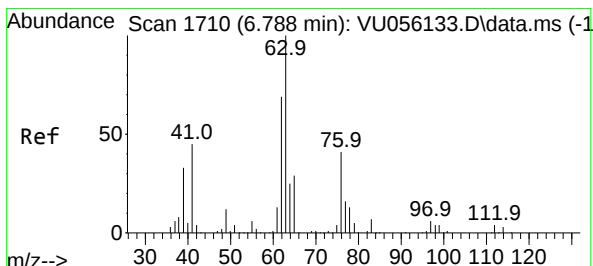
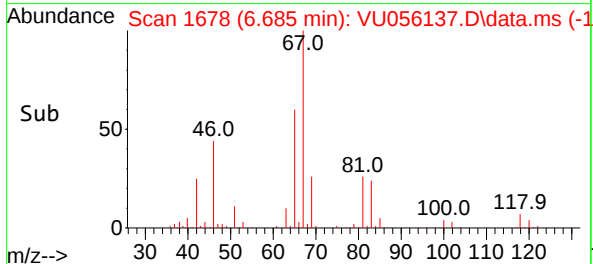
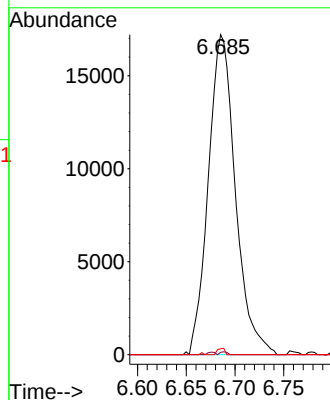
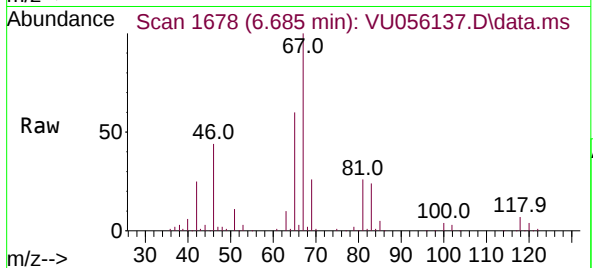
Tgt Ion: 83 Resp: 33277

Ion Ratio Lower Upper

83 100

55 0.2 60.6 91.0#

98 0.5 36.2 54.4#



#37

1,2-Dichloropropane

Concen: 0.496 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.103 min

Lab File: VU056137.D

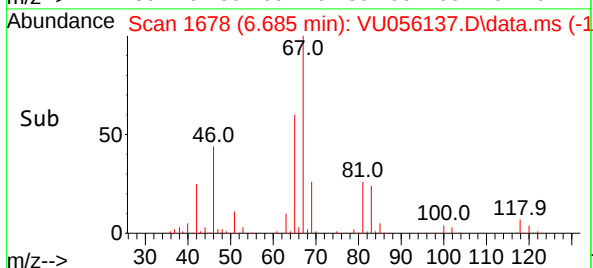
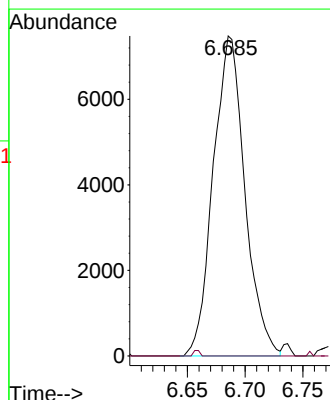
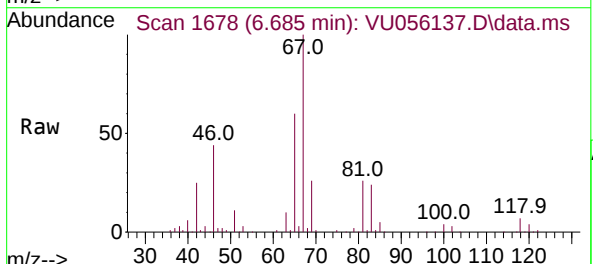
Acq: 09 Nov 2023 13:59

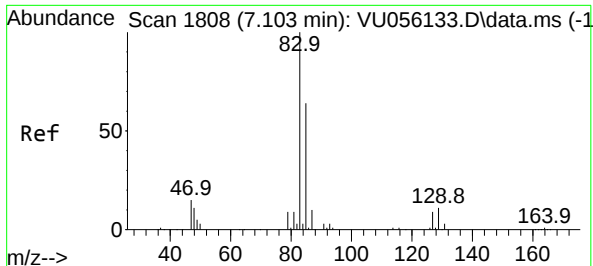
Tgt Ion: 63 Resp: 14267

Ion Ratio Lower Upper

63 100

112 0.3 3.4 5.2#





#38

Bromodichloromethane

Concen: 0.225 ug/L

RT: 7.103 min Scan# 11

Delta R.T. -0.000 min

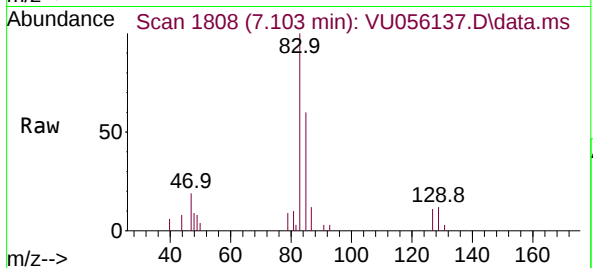
Lab File: VU056137.D

Acq: 09 Nov 2023 13:59

Instrument :

MSVOA_U

ClientSampleId :



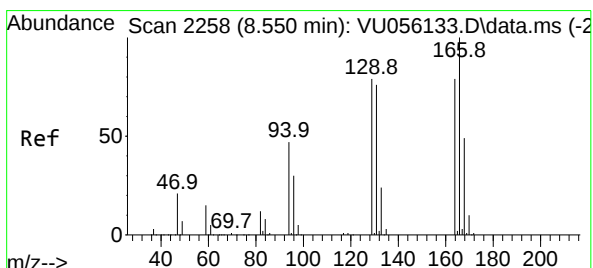
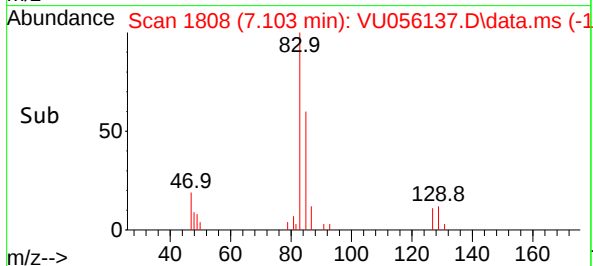
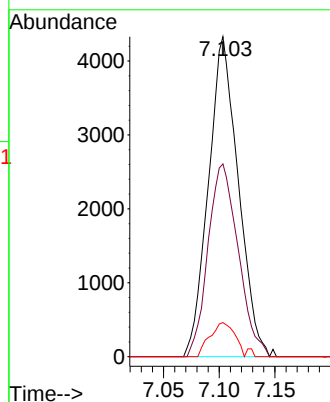
Tgt Ion: 83 Resp: 8083

Ion Ratio Lower Upper

83 100

85 60.2 46.6 86.6

127 10.6 7.3 10.9



#47

Tetrachloroethene

Concen: 0.832 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. 0.000 min

Lab File: VU056137.D

Acq: 09 Nov 2023 13:59

Tgt Ion: 164 Resp: 18851

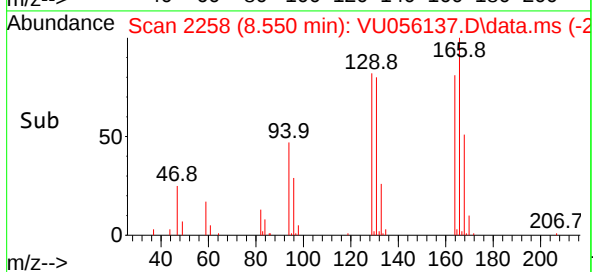
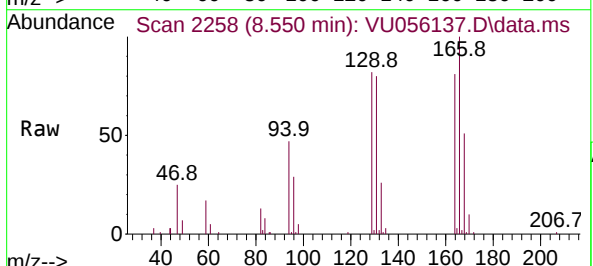
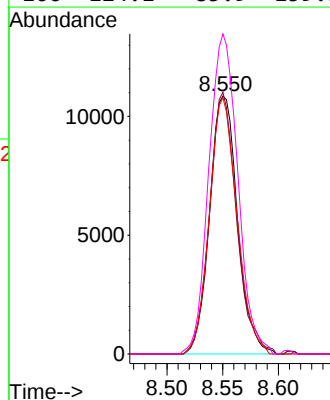
Ion Ratio Lower Upper

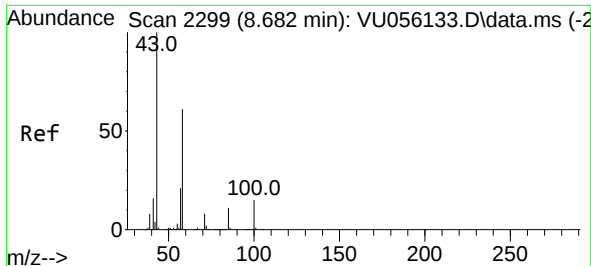
164 100

129 101.4 66.6 123.8

131 99.4 67.8 126.0

166 124.1 85.9 159.5

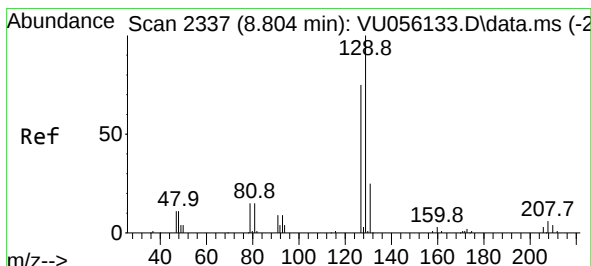
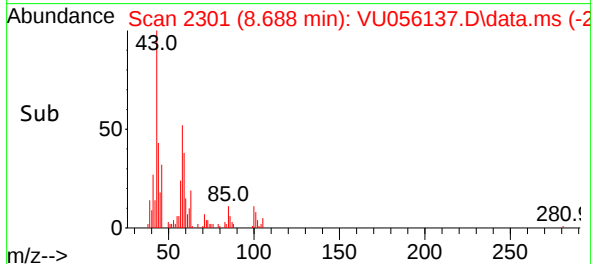
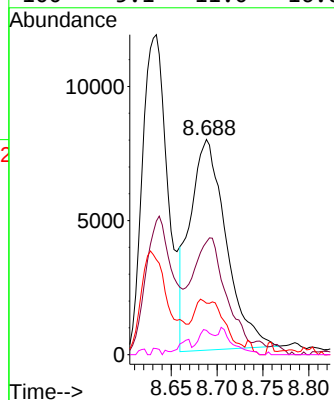
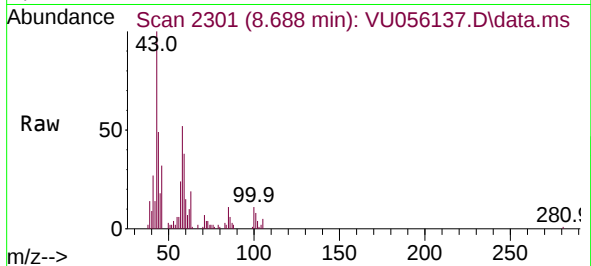




#48
2-Hexanone
Concen: 2.342 ug/L
RT: 8.688 min Scan# 21447
Delta R.T. 0.006 min
Lab File: VU056137.D
Acq: 09 Nov 2023 13:59

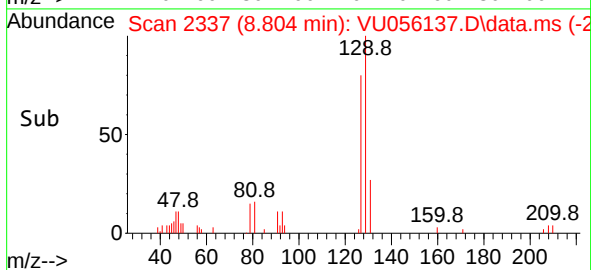
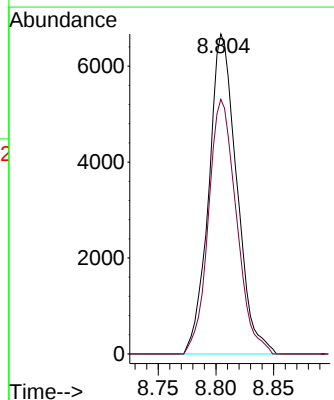
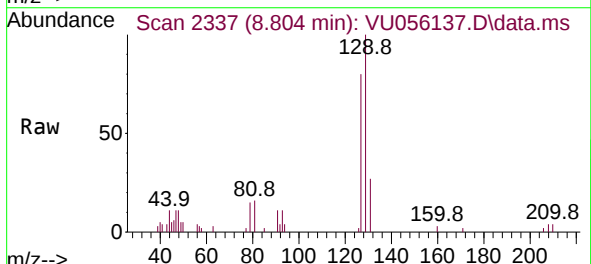
Instrument :
MSVOA_U
ClientSampleId :

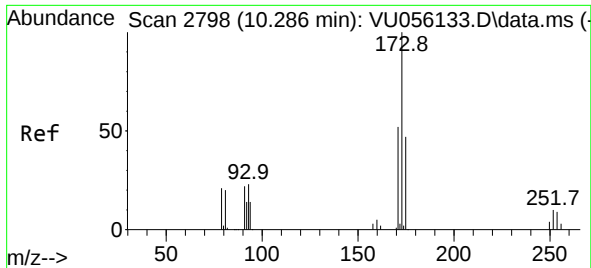
Tgt Ion: 43	Resp: 21447
Ion Ratio	Lower Upper
43 100	
58 44.1	52.0 78.0#
57 21.2	17.4 26.2
100 5.1	11.0 16.6#



#49
Dibromochloromethane
Concen: 0.499 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VU056137.D
Acq: 09 Nov 2023 13:59

Tgt Ion:129	Resp:	11247	
Ion	Ratio	Lower	Upper
129	100		
127	79.6	55.4	102.8

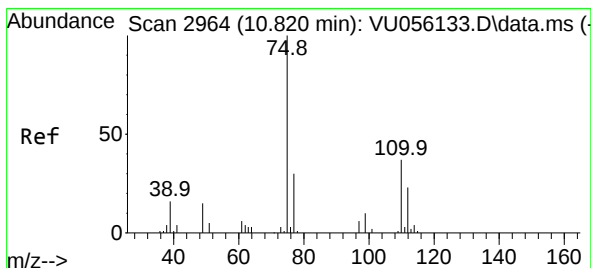
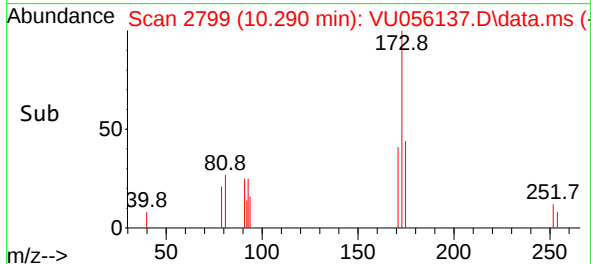
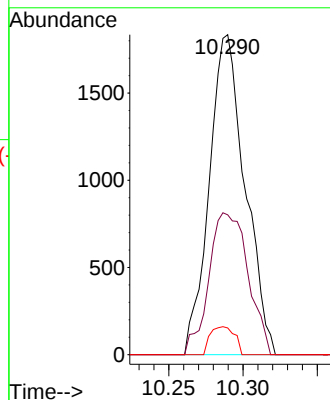
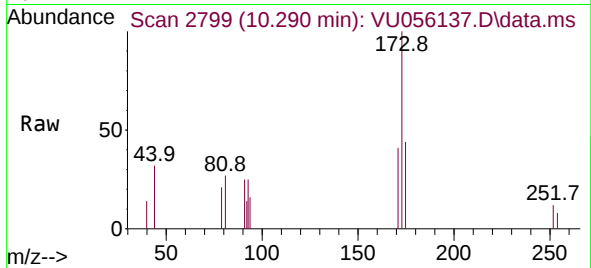




#59
Bromoform
Concen: 0.272 ug/L
RT: 10.290 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU056137.D
Acq: 09 Nov 2023 13:59

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:173 Resp: 3078
Ion Ratio Lower Upper
173 100
175 48.5 39.0 58.4
254 5.9 8.2 12.2#



#61
1,2,3-Trichloropropane
Concen: 1.387 ug/L
RT: 11.810 min Scan# 3272
Delta R.T. 0.990 min
Lab File: VU056137.D
Acq: 09 Nov 2023 13:59

Tgt Ion: 75 Resp: 19494
Ion Ratio Lower Upper
75 100
110 1.9 29.7 44.5#
77 30.8 25.5 38.3

