

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110223\
 Data File : VU056059.D
 Acq On : 02 Nov 2023 12:33
 Operator : MD/SY
 Sample : 05052-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 03 00:38:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 03 00:21:27 2023
 Response via : Initial Calibration

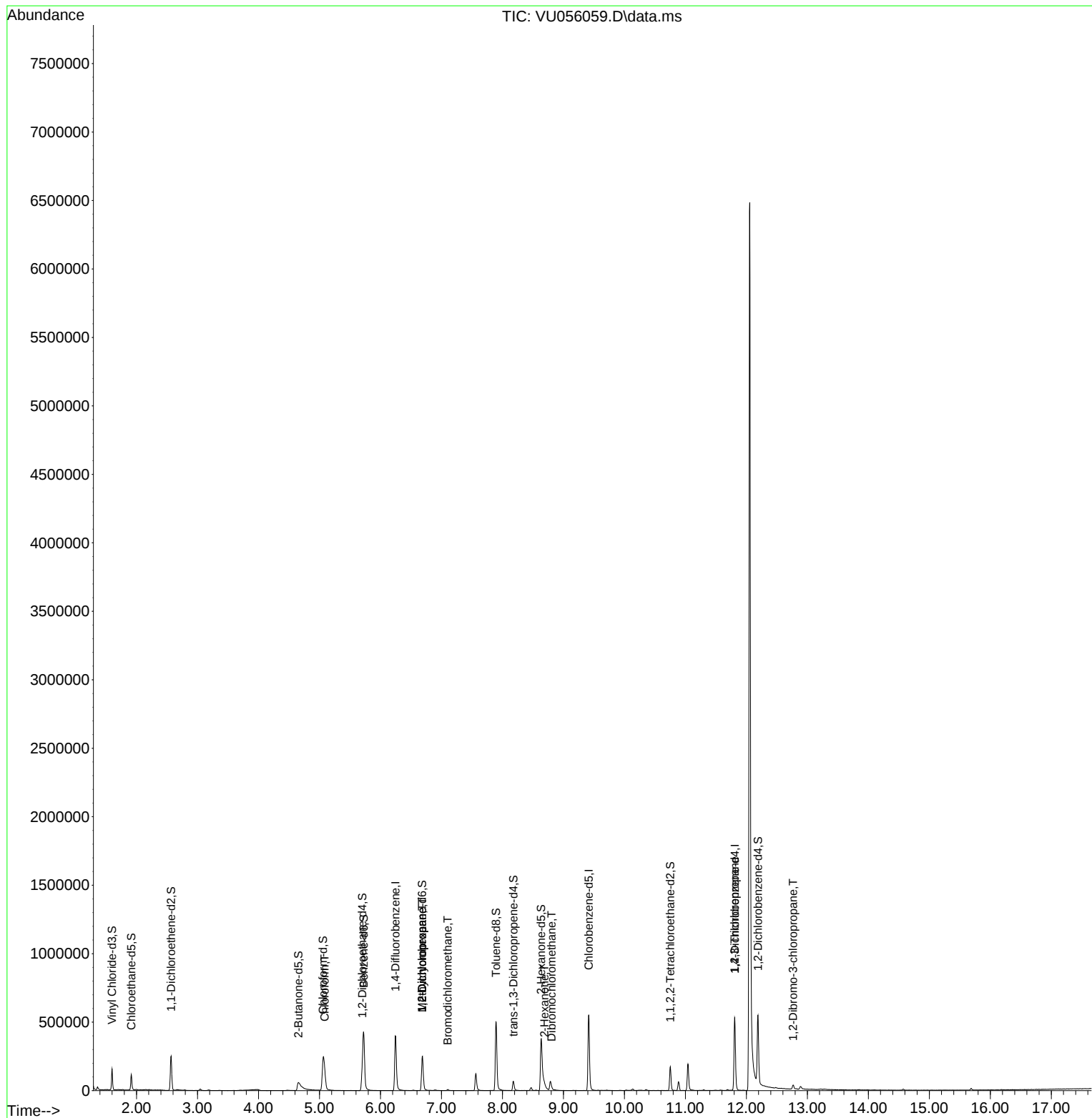
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	346263	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	343930	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	152803	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	105806	3.863	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	77.200%	
7) Chloroethane-d5	1.914	69	86713	4.061	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	81.200%	
11) 1,1-Dichloroethene-d2	2.566	65	47539	4.088	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	81.800%	
20) 2-Butanone-d5	4.656	46	166892	34.153	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	68.300%	
24) Chloroform-d	5.058	84	217102	4.277	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.600%	
26) 1,2-Dichloroethane-d4	5.701	65	98487	3.983	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	79.600%	
32) Benzene-d6	5.724	84	435988	4.256	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.200%	
36) 1,2-Dichloropropane-d6	6.685	67	132283	4.356	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	87.200%	
41) Toluene-d8	7.894	98	368229	3.962	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	79.200%	
43) trans-1,3-Dichloroprop...	8.180	79	45192	3.805	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	76.000%	
46) 2-Hexanone-d5	8.634	63	157781	52.328	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	104.660%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	87780	3.969	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	79.400%	
66) 1,2-Dichlorobenzene-d4	12.190	152	132036	4.631	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	92.600%	
Target Compounds						
25) Chloroform	5.084	83	110499	3.050	ug/L	100
35) Methylcyclohexane	6.685	83	31552	1.101	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	13371	0.663	ug/L #	90
38) Bromodichloromethane	7.103	83	5780	0.228	ug/L #	85
48) 2-Hexanone	8.688	43	22256	2.914	ug/L #	91
49) Dibromochloromethane	8.804	129	4237	0.272	ug/L	99
61) 1,2,3-Trichloropropane	11.807	75	18267	1.741	ug/L #	69
68) 1,2-Dibromo-3-chloropr...	12.765	75	1062	0.567	ug/L #	11

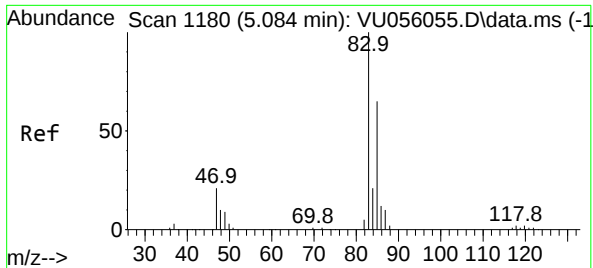
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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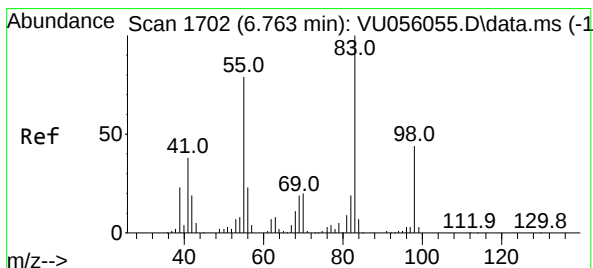
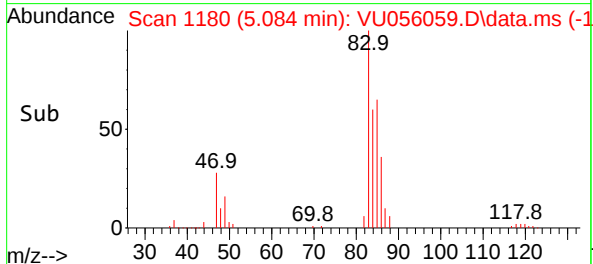
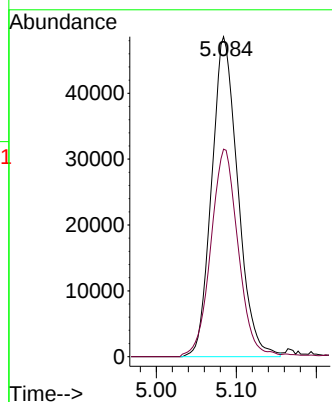
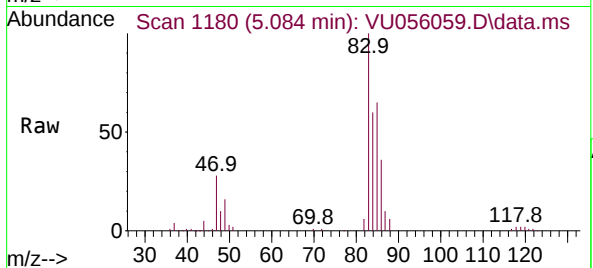




#25
Chloroform
Concen: 3.050 ug/L
RT: 5.084 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VU056059.D
Acq: 02 Nov 2023 12:33

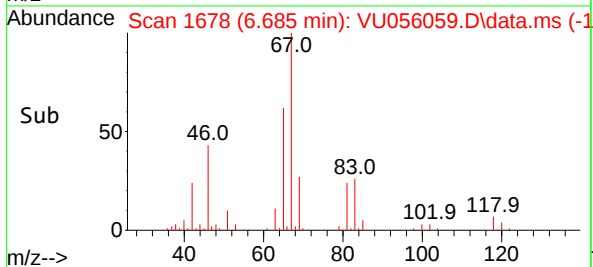
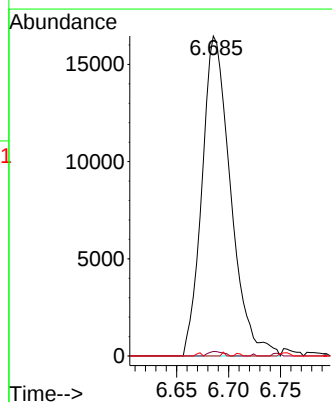
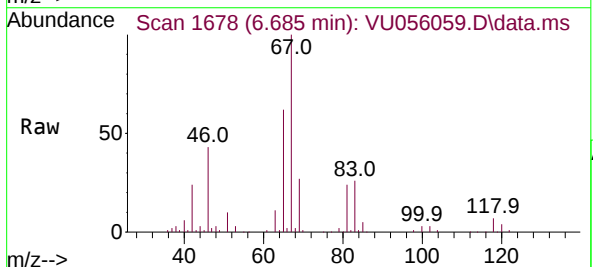
Instrument :
MSVOA_U
ClientSampleId :

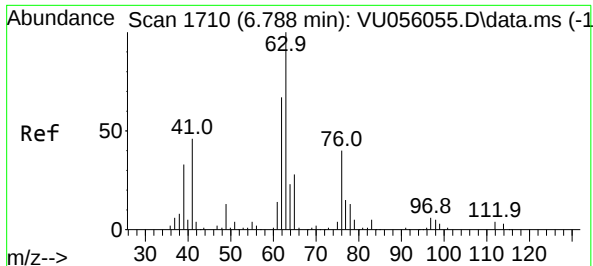
Tgt Ion: 83 Resp: 110499
Ion Ratio Lower Upper
83 100
85 64.8 45.6 84.8



#35
Methylcyclohexane
Concen: 1.101 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.077 min
Lab File: VU056059.D
Acq: 02 Nov 2023 12:33

Tgt Ion: 83 Resp: 31552
Ion Ratio Lower Upper
83 100
55 0.7 62.4 93.6#
98 0.1 37.4 56.2#





#37

1,2-Dichloropropane

Concen: 0.663 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU056059.D

Acq: 02 Nov 2023 12:33

Instrument :

MSVOA_U

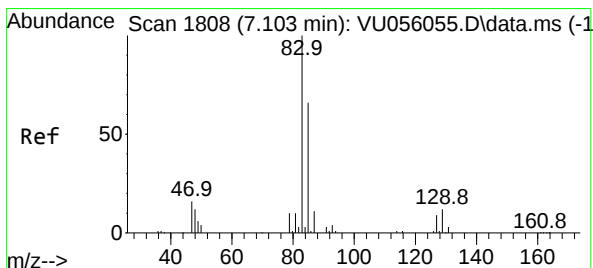
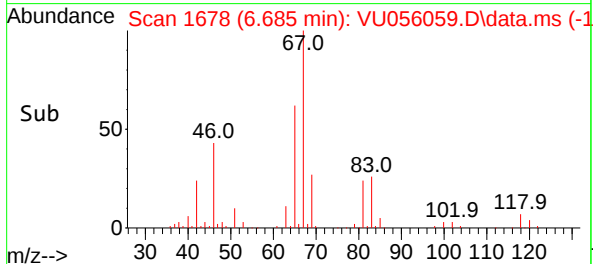
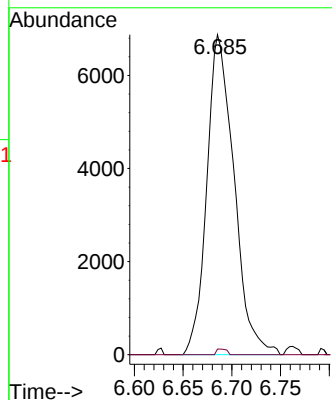
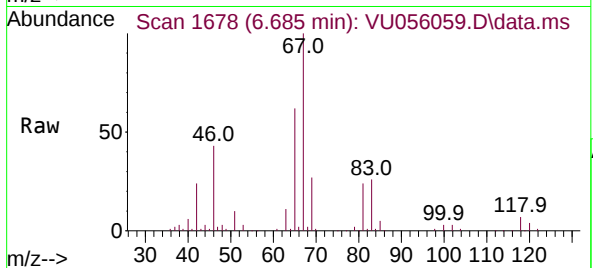
ClientSampleId :

Tgt Ion: 63 Resp: 13371

Ion Ratio Lower Upper

63 100

112 0.7 3.1 4.7#



#38

Bromodichloromethane

Concen: 0.228 ug/L

RT: 7.103 min Scan# 1808

Delta R.T. -0.000 min

Lab File: VU056059.D

Acq: 02 Nov 2023 12:33

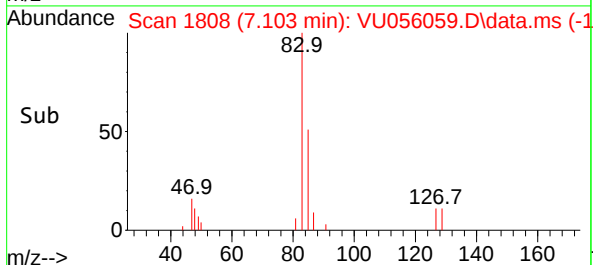
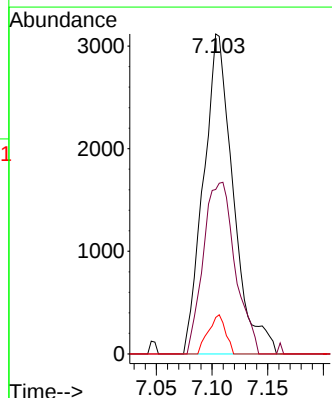
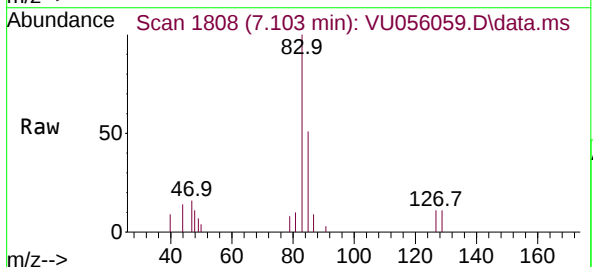
Tgt Ion: 83 Resp: 5780

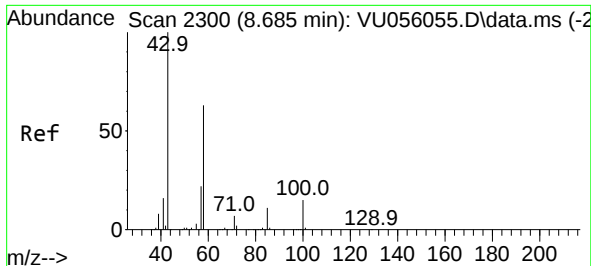
Ion Ratio Lower Upper

83 100

85 51.4 44.9 83.3

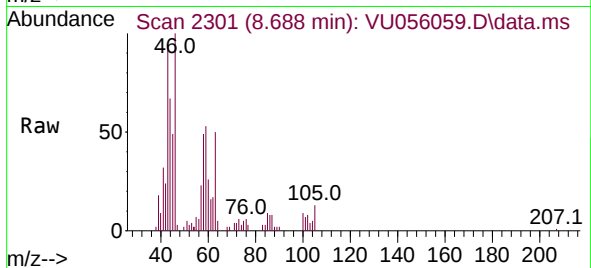
127 11.4 6.6 9.8#



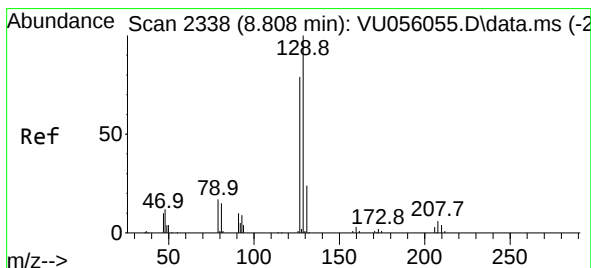
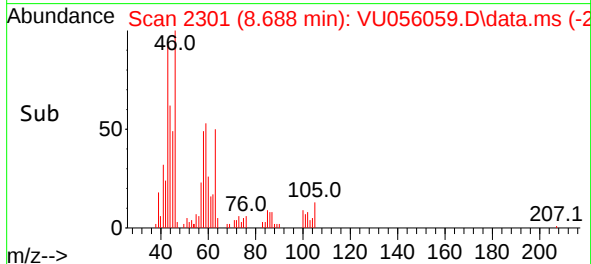
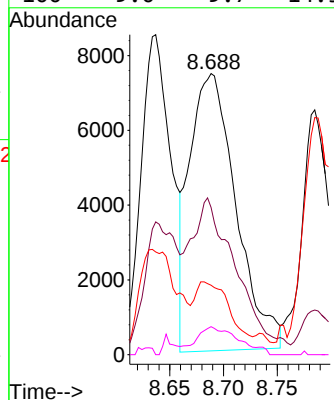


#48
2-Hexanone
Concen: 2.914 ug/L
RT: 8.688 min Scan# 211
Delta R.T. 0.003 min
Lab File: VU056059.D
Acq: 02 Nov 2023 12:33

Instrument :
MSVOA_U
ClientSampleId :

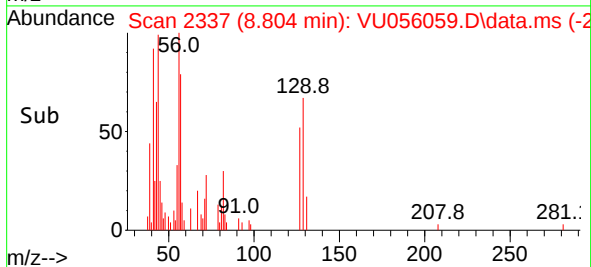
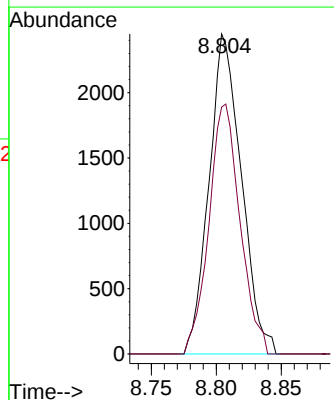
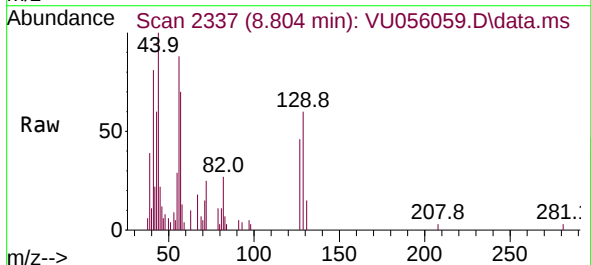


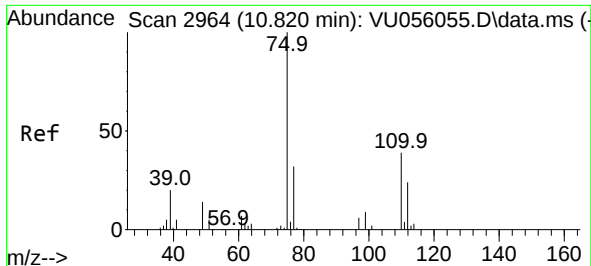
Tgt Ion: 43 Resp: 22256
Ion Ratio Lower Upper
43 100
58 55.4 49.5 74.3
57 14.9 16.9 25.3#
100 9.0 9.7 14.5#



#49
Dibromochloromethane
Concen: 0.272 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. -0.003 min
Lab File: VU056059.D
Acq: 02 Nov 2023 12:33

Tgt Ion: 129 Resp: 4237
Ion Ratio Lower Upper
129 100
127 77.1 53.5 99.5

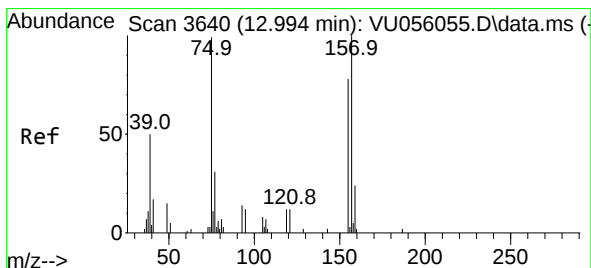
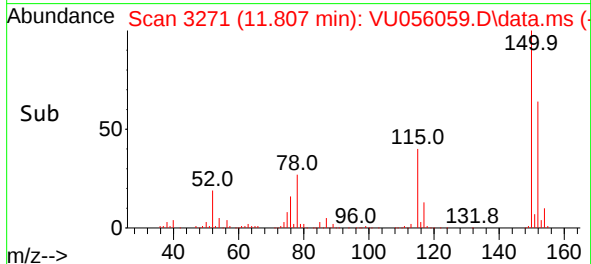
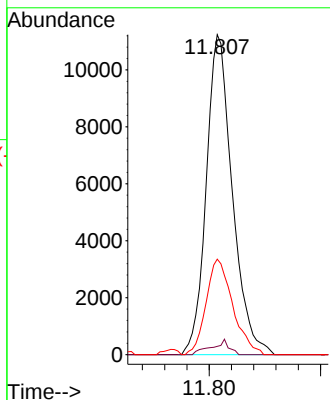
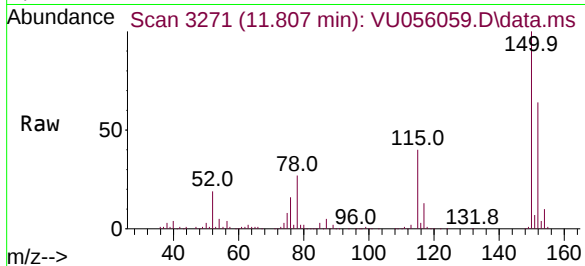




#61
 1,2,3-Trichloropropane
 Concen: 1.741 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU056059.D
 Acq: 02 Nov 2023 12:33

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion: 75 Resp: 18267
 Ion Ratio Lower Upper
 75 100
 110 3.1 29.0 43.6#
 77 30.5 24.5 36.7



#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.567 ug/L
 RT: 12.765 min Scan# 3569
 Delta R.T. -0.228 min
 Lab File: VU056059.D
 Acq: 02 Nov 2023 12:33

Tgt Ion: 75 Resp: 1062
 Ion Ratio Lower Upper
 75 100
 155 19.4 65.3 97.9#
 157 0.0 87.9 131.9#

