

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110823\
 Data File : VU056128.D
 Acq On : 08 Nov 2023 16:54
 Operator : MD/SY
 Sample : 05297-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 08 20:53:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 08 20:49:31 2023
 Response via : Initial Calibration

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

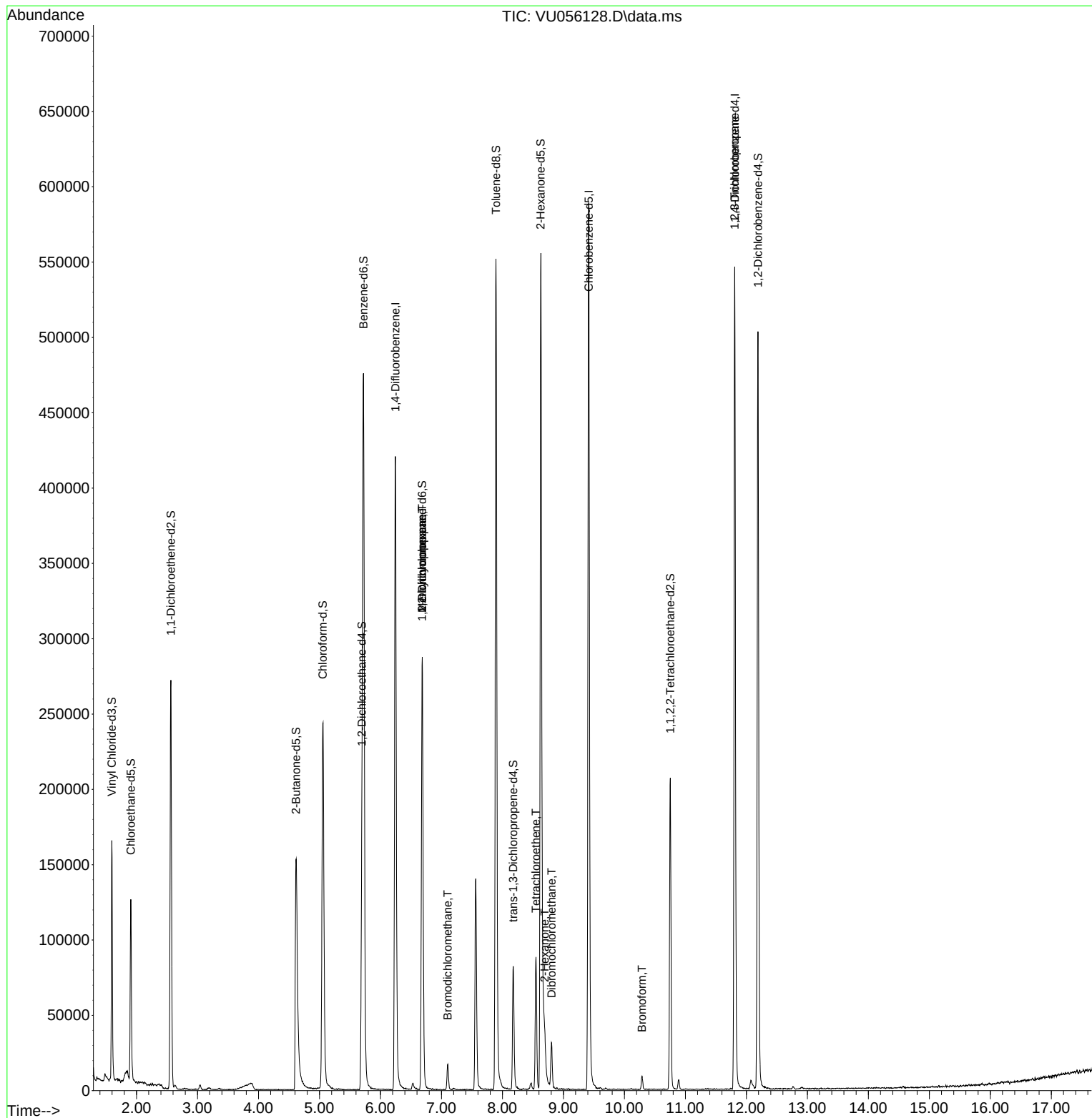
Internal Standards							
1) 1,4-Difluorobenzene		6.245	114	359234	5.000	ug/L	0.00
28) Chlorobenzene-d5		9.415	117	363366	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		11.810	152	155746	5.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		1.595	65	116276	5.215	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 104.200%		
7) Chloroethane-d5		1.907	69	96726	6.392	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 127.800%		
11) 1,1-Dichloroethene-d2		2.563	65	51759	5.269	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 105.400%		
20) 2-Butanone-d5		4.618	46	237547	64.938	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 129.880%		
24) Chloroform-d		5.055	84	238759	5.625	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 112.600%		
26) 1,2-Dichloroethane-d4		5.695	65	110995	5.939	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 118.800%		
32) Benzene-d6		5.721	84	469857	5.384	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 107.600%		
36) 1,2-Dichloropropane-d6		6.685	67	146027	5.684	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 113.600%		
41) Toluene-d8		7.894	98	400968	5.014	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 100.200%		
43) trans-1,3-Dichloroprop...		8.177	79	49964	5.088	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 101.800%		
46) 2-Hexanone-d5		8.627	63	187636	58.298	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 116.600%		
56) 1,1,2,2-Tetrachloroeth...		10.753	84	104897	5.721	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 114.400%		
66) 1,2-Dichlorobenzene-d4		12.190	152	143078	5.957	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 119.200%		
Target Compounds							Qvalue
35) Methylcyclohexane		6.685	83	33775	0.800	ug/L #	20
37) 1,2-Dichloropropane		6.682	63	15223	0.563	ug/L #	87
38) Bromodichloromethane		7.103	83	11643	0.345	ug/L	88
47) Tetrachloroethene		8.550	164	19718	0.924	ug/L	91
48) 2-Hexanone		8.692	43	22884	2.656	ug/L	87
49) Dibromochloromethane		8.804	129	14716	0.693	ug/L	92
59) Bromoform		10.286	173	4526	0.418	ug/L #	92
61) 1,2,3-Trichloropropane		11.807	75	17498	1.302	ug/L #	66

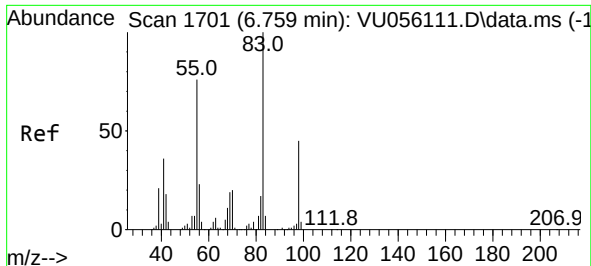
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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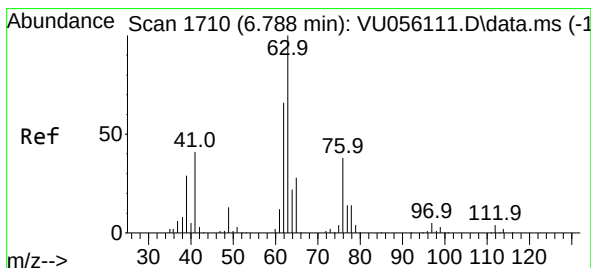
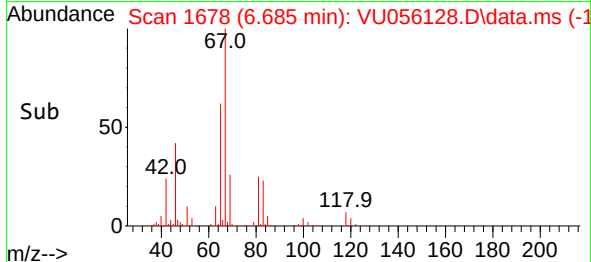
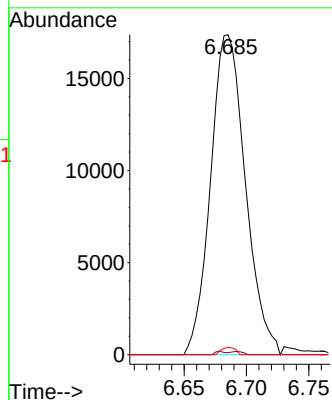
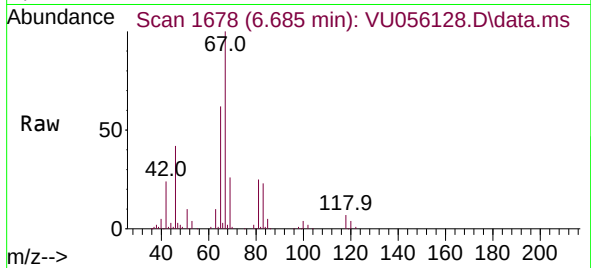




#35
Methylcyclohexane
Concen: 0.800 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU056128.D
Acq: 08 Nov 2023 16:54

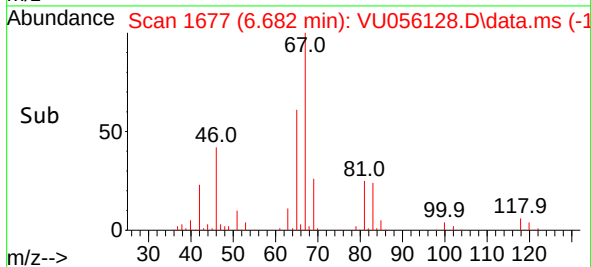
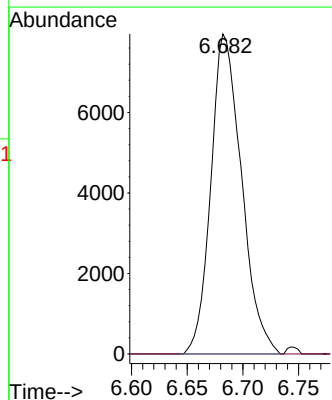
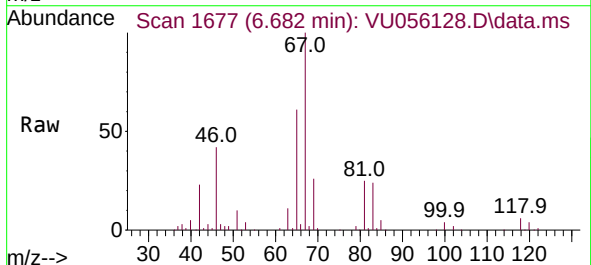
Instrument :
MSVOA_U
ClientSampleId :

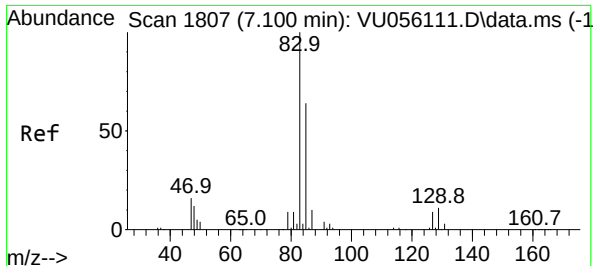
Tgt Ion: 83 Resp: 33775
Ion Ratio Lower Upper
83 100
55 0.3 60.6 91.0#
98 0.9 36.2 54.4#



#37
1,2-Dichloropropane
Concen: 0.563 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.106 min
Lab File: VU056128.D
Acq: 08 Nov 2023 16:54

Tgt Ion: 63 Resp: 15223
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#





#38

Bromodichloromethane

Concen: 0.345 ug/L

RT: 7.103 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU056128.D

Acq: 08 Nov 2023 16:54

Instrument :

MSVOA_U

ClientSampleId :

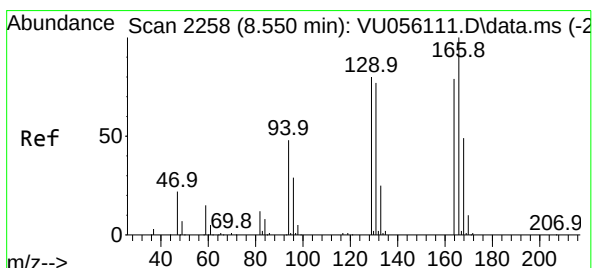
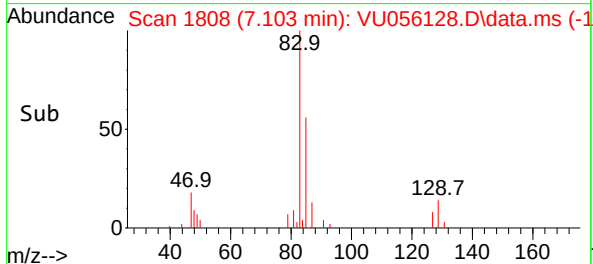
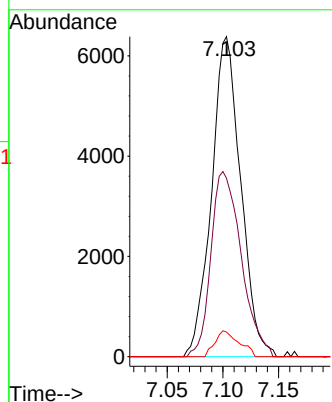
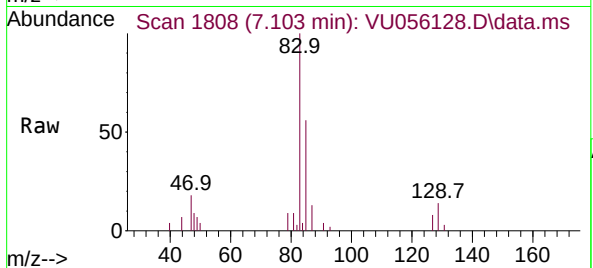
Tgt Ion: 83 Resp: 11643

Ion Ratio Lower Upper

83 100

85 55.8 46.6 86.6

127 7.7 7.3 10.9



#47

Tetrachloroethene

Concen: 0.924 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. -0.000 min

Lab File: VU056128.D

Acq: 08 Nov 2023 16:54

Tgt Ion:164 Resp: 19718

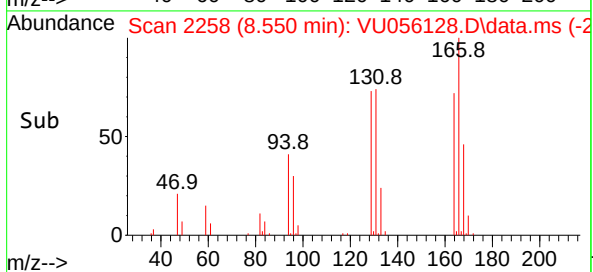
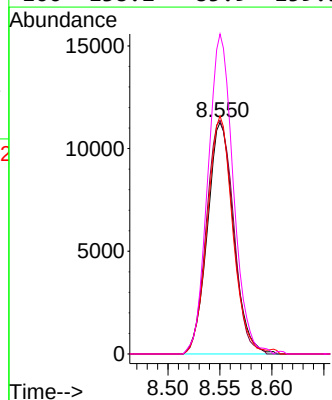
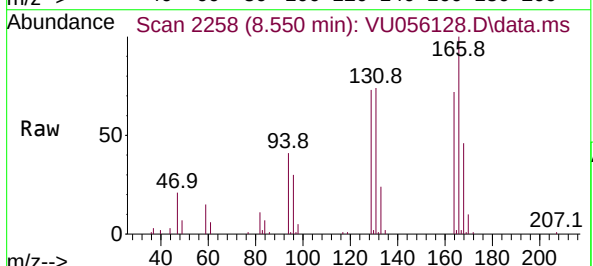
Ion Ratio Lower Upper

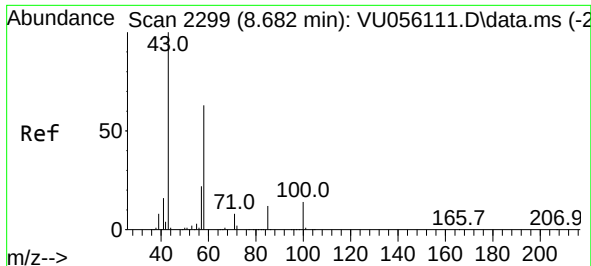
164 100

129 100.9 66.6 123.8

131 102.8 67.8 126.0

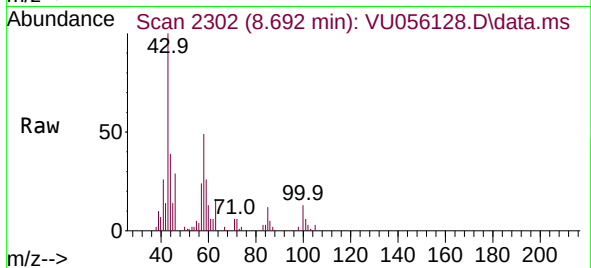
166 138.2 85.9 159.5



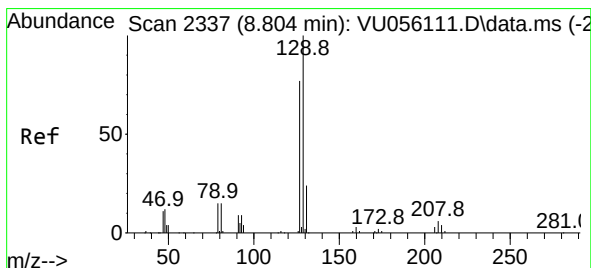
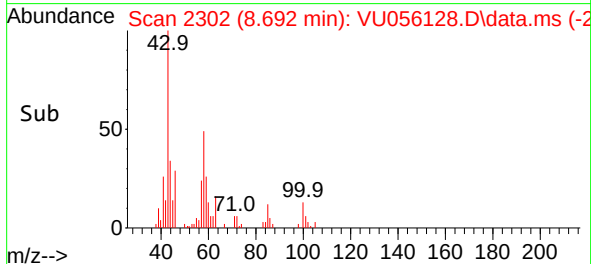
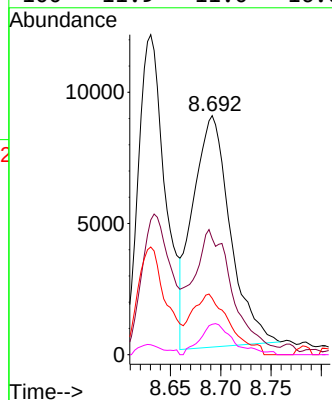


#48
2-Hexanone
Concen: 2.656 ug/L
RT: 8.692 min Scan# 21
Delta R.T. 0.009 min
Lab File: VU056128.D
Acq: 08 Nov 2023 16:54

Instrument :
MSVOA_U
ClientSampleId :

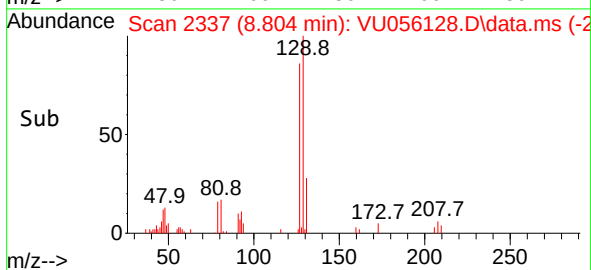
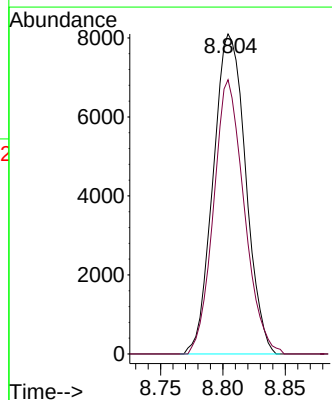
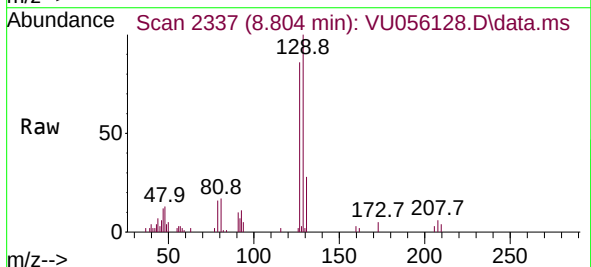


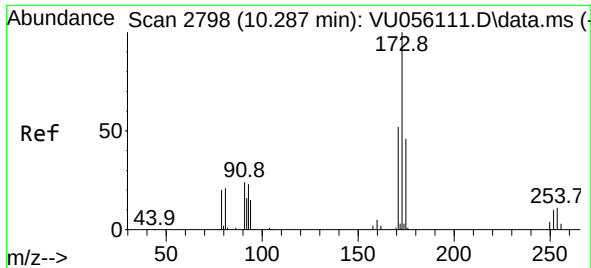
Tgt Ion: 43	Resp: 22884
Ion Ratio	Lower Upper
43 100	
58 52.4	52.0 78.0
57 26.1	17.4 26.2
100 11.9	11.0 16.6



#49
Dibromochloromethane
Concen: 0.693 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VU056128.D
Acq: 08 Nov 2023 16:54

Tgt Ion:129	Resp:	14716	
Ion	Ratio	Lower	Upper
129	100		
127	85.7	55.4	102.8

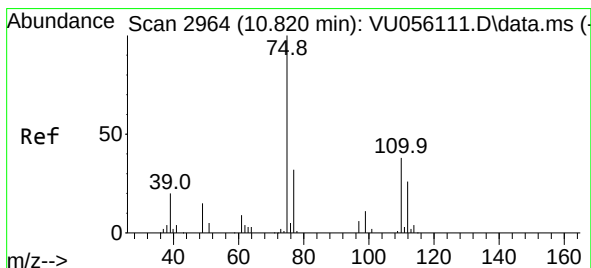
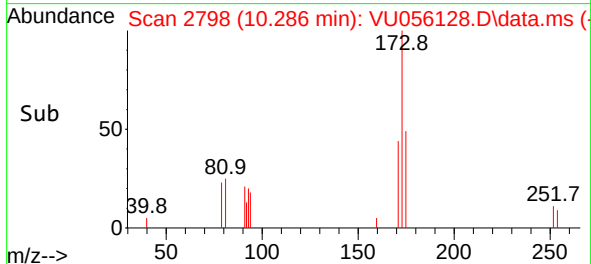
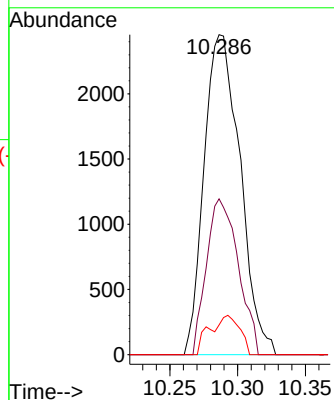
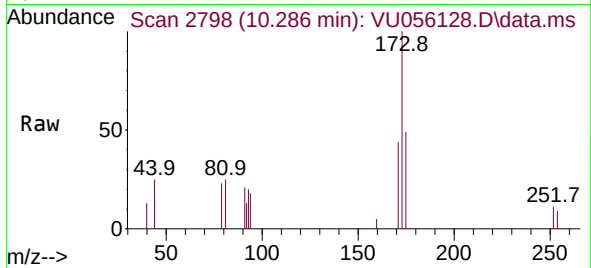




#59
Bromoform
Concen: 0.418 ug/L
RT: 10.286 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU056128.D
Acq: 08 Nov 2023 16:54

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:173 Resp: 4526
Ion Ratio Lower Upper
173 100
175 43.0 39.0 58.4
254 7.0 8.2 12.2#



#61
1,2,3-Trichloropropane
Concen: 1.302 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.987 min
Lab File: VU056128.D
Acq: 08 Nov 2023 16:54

Tgt Ion: 75 Resp: 17498
Ion Ratio Lower Upper
75 100
110 1.9 29.7 44.5#
77 34.2 25.5 38.3

