

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082923\
 Data File : VU054952.D
 Acq On : 29 Aug 2023 13:21
 Operator : MD/SY
 Sample : 04158-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 29 22:29:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 29 22:22:50 2023
 Response via : Initial Calibration

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

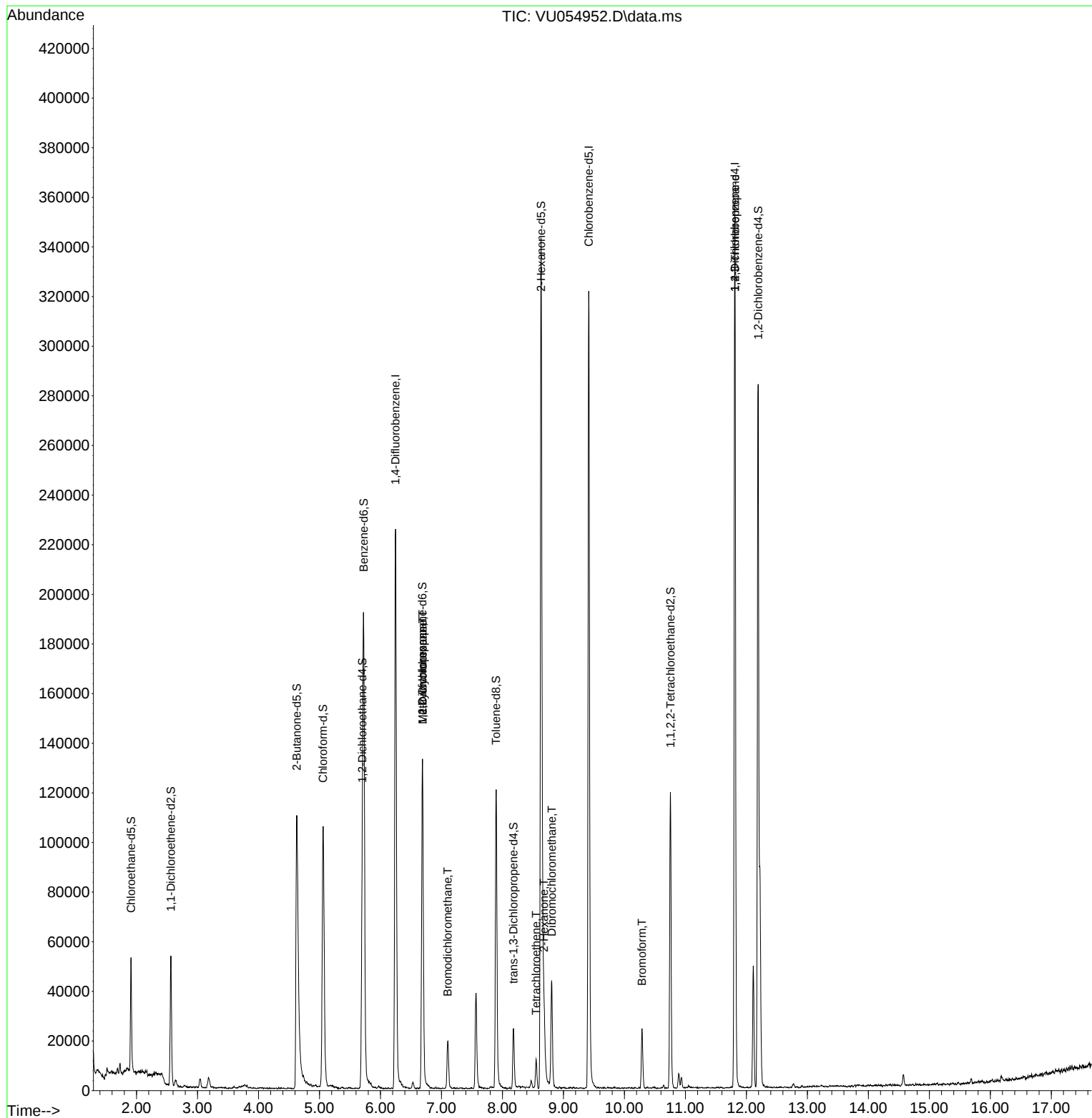
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	182120	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	173186	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	88442	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	0.000	65	0	0.000	ug/L	
Spiked Amount	5.000	Range	40 - 130	Recovery	=	0.000%#
7) Chloroethane-d5	1.911	69	32172	4.332	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.600%
11) 1,1-Dichloroethene-d2	2.563	65	9448	2.908	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.200%#
20) 2-Butanone-d5	4.628	46	172732	55.671	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.340%
24) Chloroform-d	5.058	84	97601	4.577	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
26) 1,2-Dichloroethane-d4	5.701	65	55278	4.872	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
32) Benzene-d6	5.724	84	176115	4.524	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
36) 1,2-Dichloropropane-d6	6.689	67	63769	4.657	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.200%
41) Toluene-d8	7.897	98	83813	2.248	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	45.000%#
43) trans-1,3-Dichloroprop...	8.180	79	13996	3.106	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	62.200%
46) 2-Hexanone-d5	8.634	63	112558	52.630	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.260%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	57681	4.913	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.200%
66) 1,2-Dichlorobenzene-d4	12.193	152	69193	4.900	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.000%
Target Compounds						Qvalue
35) Methylcyclohexane	6.692	83	14285	0.853	ug/L #	18
37) 1,2-Dichloropropane	6.692	63	6930	0.608	ug/L #	90
38) Bromodichloromethane	7.103	83	13239	0.937	ug/L	100
47) Tetrachloroethene	8.553	164	2492	0.306	ug/L	96
48) 2-Hexanone	8.682	43	13632	2.899	ug/L #	97
49) Dibromochloromethane	8.807	129	20230	2.272	ug/L	86
59) Bromoform	10.286	173	9922	2.258	ug/L	96
61) 1,2,3-Trichloropropane	11.814	75	13021	1.977	ug/L #	64

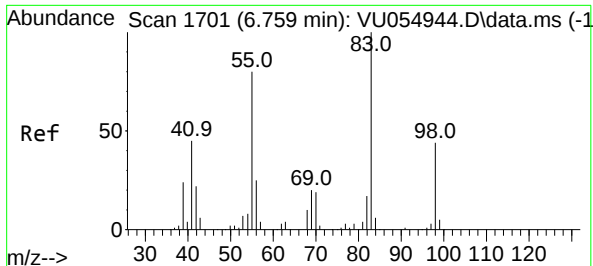
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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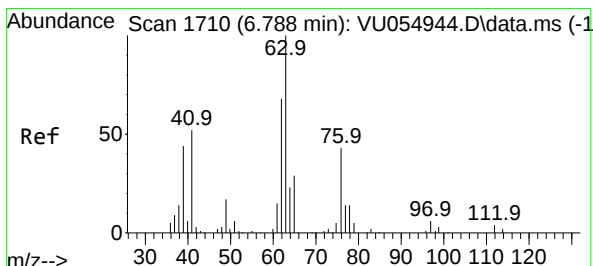
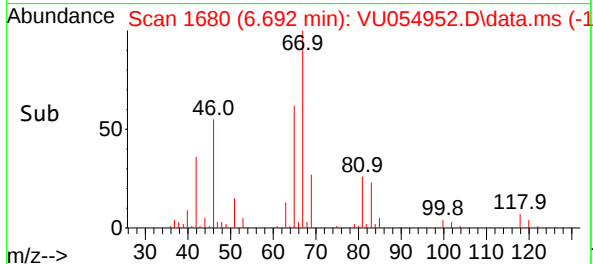
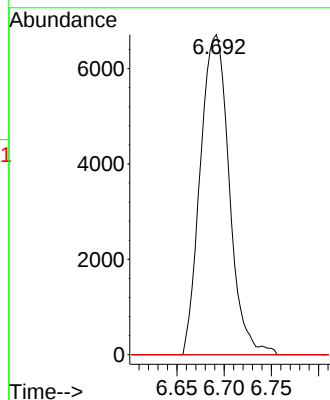
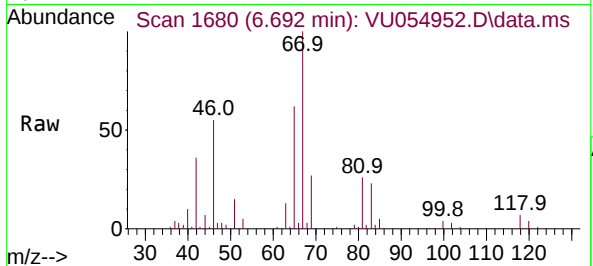




#35
Methylcyclohexane
Concen: 0.853 ug/L
RT: 6.692 min Scan# 1680
Delta R.T. -0.067 min
Lab File: VU054952.D
Acq: 29 Aug 2023 13:21

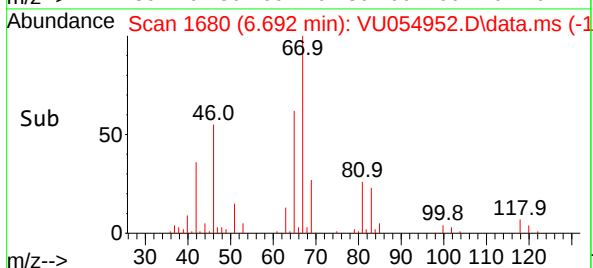
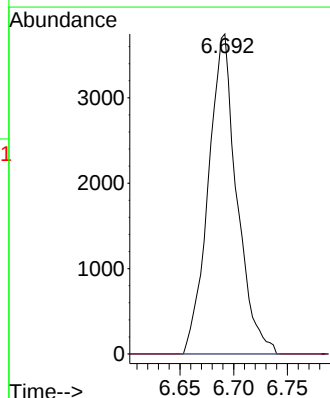
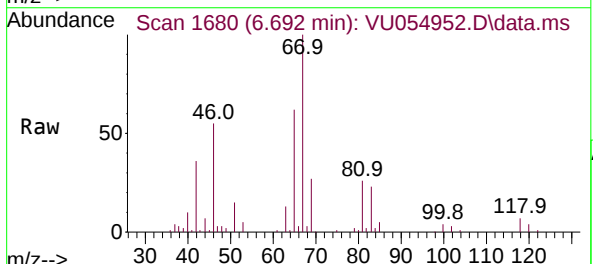
Instrument :
MSVOA_U
ClientSampleId :

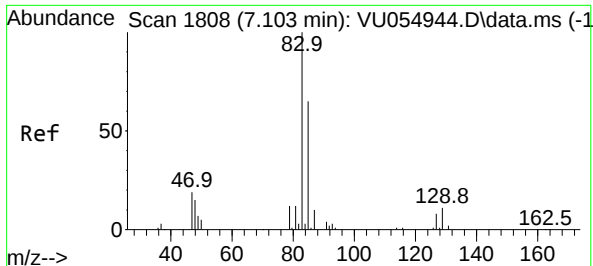
Tgt Ion: 83 Resp: 14285
Ion Ratio Lower Upper
83 100
55 0.0 62.1 93.1#
98 1.2 37.8 56.6#



#37
1,2-Dichloropropane
Concen: 0.608 ug/L
RT: 6.692 min Scan# 1680
Delta R.T. -0.096 min
Lab File: VU054952.D
Acq: 29 Aug 2023 13:21

Tgt Ion: 63 Resp: 6930
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#





#38

Bromodichloromethane

Concen: 0.937 ug/L

RT: 7.103 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU054952.D

Acq: 29 Aug 2023 13:21

Instrument :

MSVOA_U

ClientSampleId :

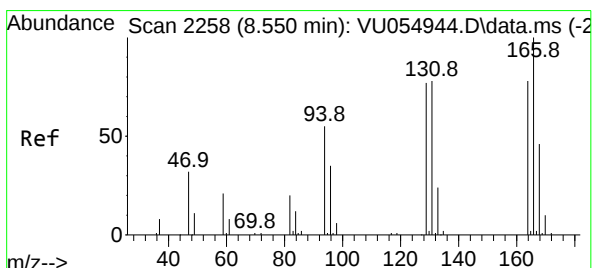
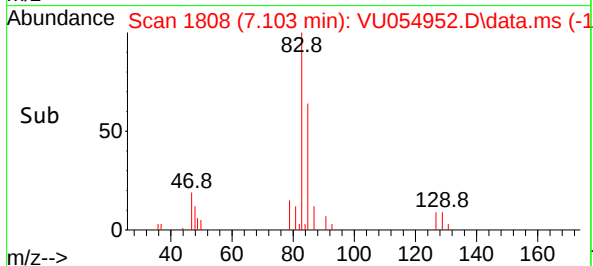
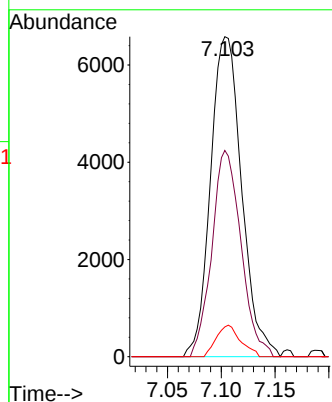
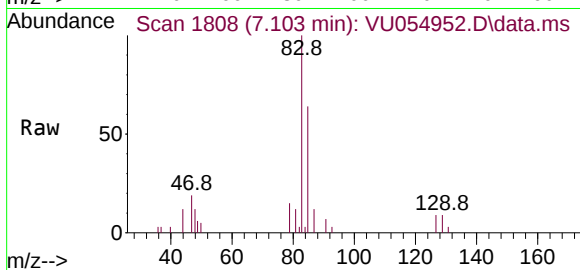
Tgt Ion: 83 Resp: 13239

Ion Ratio Lower Upper

83 100

85 64.5 45.1 83.7

127 9.3 7.1 10.7



#47

Tetrachloroethene

Concen: 0.306 ug/L

RT: 8.553 min Scan# 2259

Delta R.T. 0.003 min

Lab File: VU054952.D

Acq: 29 Aug 2023 13:21

Tgt Ion: 164 Resp: 2492

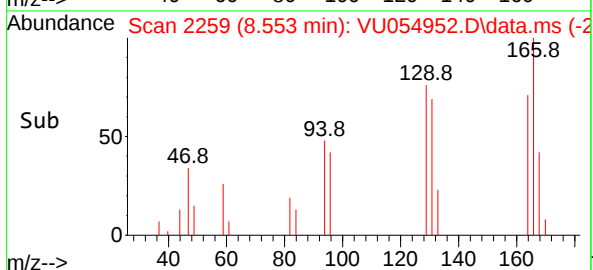
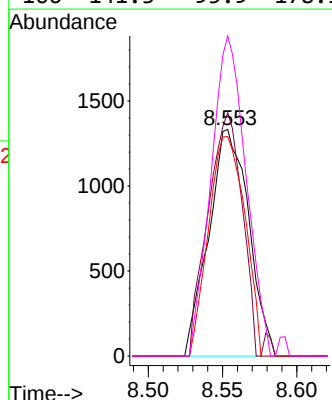
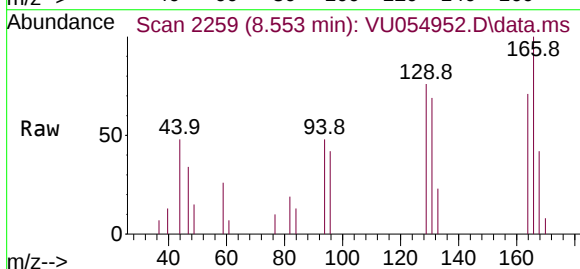
Ion Ratio Lower Upper

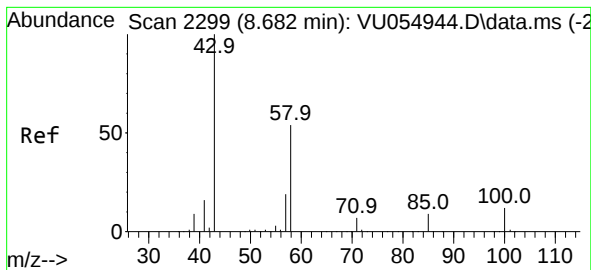
164 100

129 107.4 72.8 135.2

131 96.9 70.7 131.3

166 141.3 95.9 178.1





#48

2-Hexanone

Concen: 2.899 ug/L

RT: 8.682 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU054952.D

Acq: 29 Aug 2023 13:21

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 43 Resp: 13632

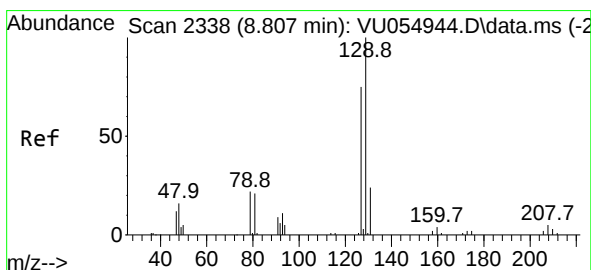
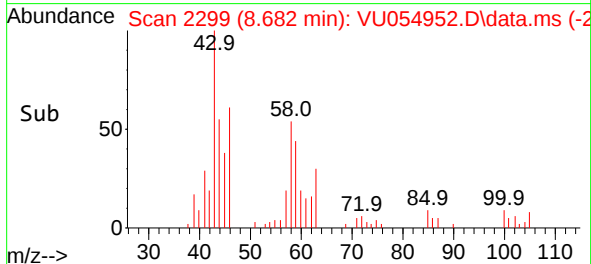
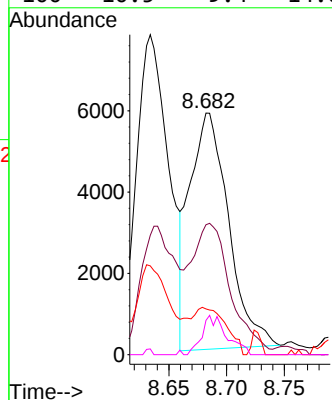
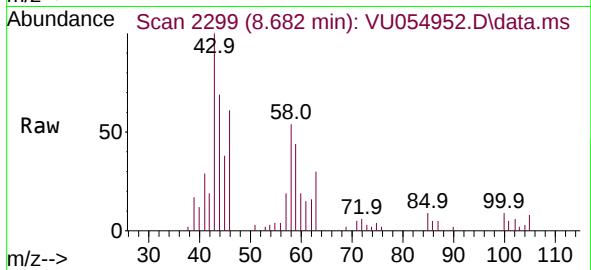
Ion Ratio Lower Upper

43 100

58 55.6 44.0 66.0

57 15.8 15.9 23.9#

100 10.5 9.4 14.0



#49

Dibromochloromethane

Concen: 2.272 ug/L

RT: 8.807 min Scan# 2338

Delta R.T. 0.000 min

Lab File: VU054952.D

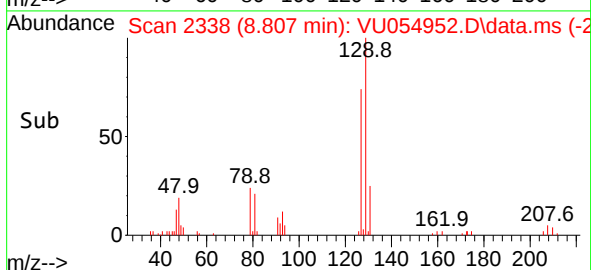
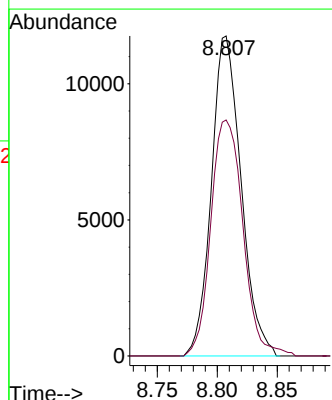
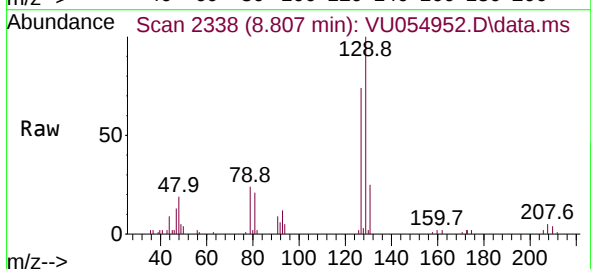
Acq: 29 Aug 2023 13:21

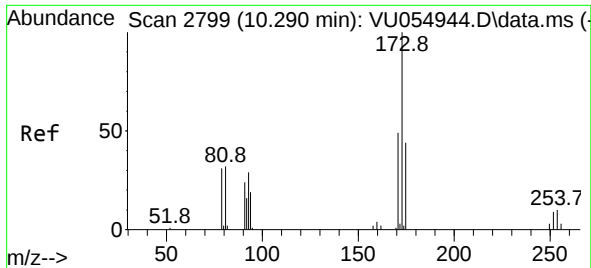
Tgt Ion:129 Resp: 20230

Ion Ratio Lower Upper

129 100

127 73.8 60.5 112.5

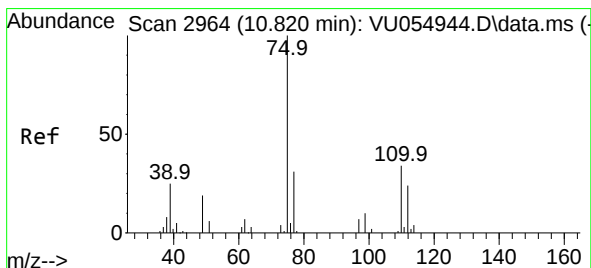
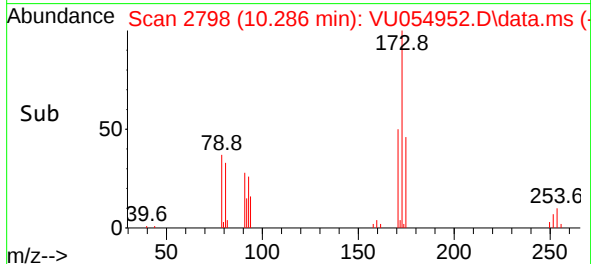
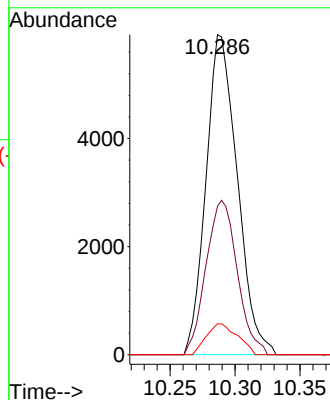
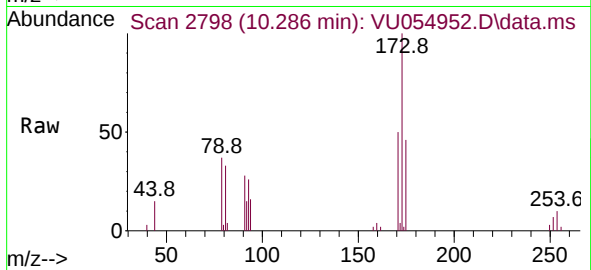




#59
Bromoform
Concen: 2.258 ug/L
RT: 10.286 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU054952.D
Acq: 29 Aug 2023 13:21

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:173 Resp: 9922
Ion Ratio Lower Upper
173 100
175 48.2 40.8 61.2
254 9.6 6.8 10.2



#61
1,2,3-Trichloropropane
Concen: 1.977 ug/L
RT: 11.814 min Scan# 3273
Delta R.T. 0.994 min
Lab File: VU054952.D
Acq: 29 Aug 2023 13:21

Tgt Ion: 75 Resp: 13021
Ion Ratio Lower Upper
75 100
110 0.5 29.0 43.6#
77 28.5 26.5 39.7

