

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082923\
 Data File : VU054954.D
 Acq On : 29 Aug 2023 14:07
 Operator : MD/SY
 Sample : 04158-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 29 22:29:38 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)

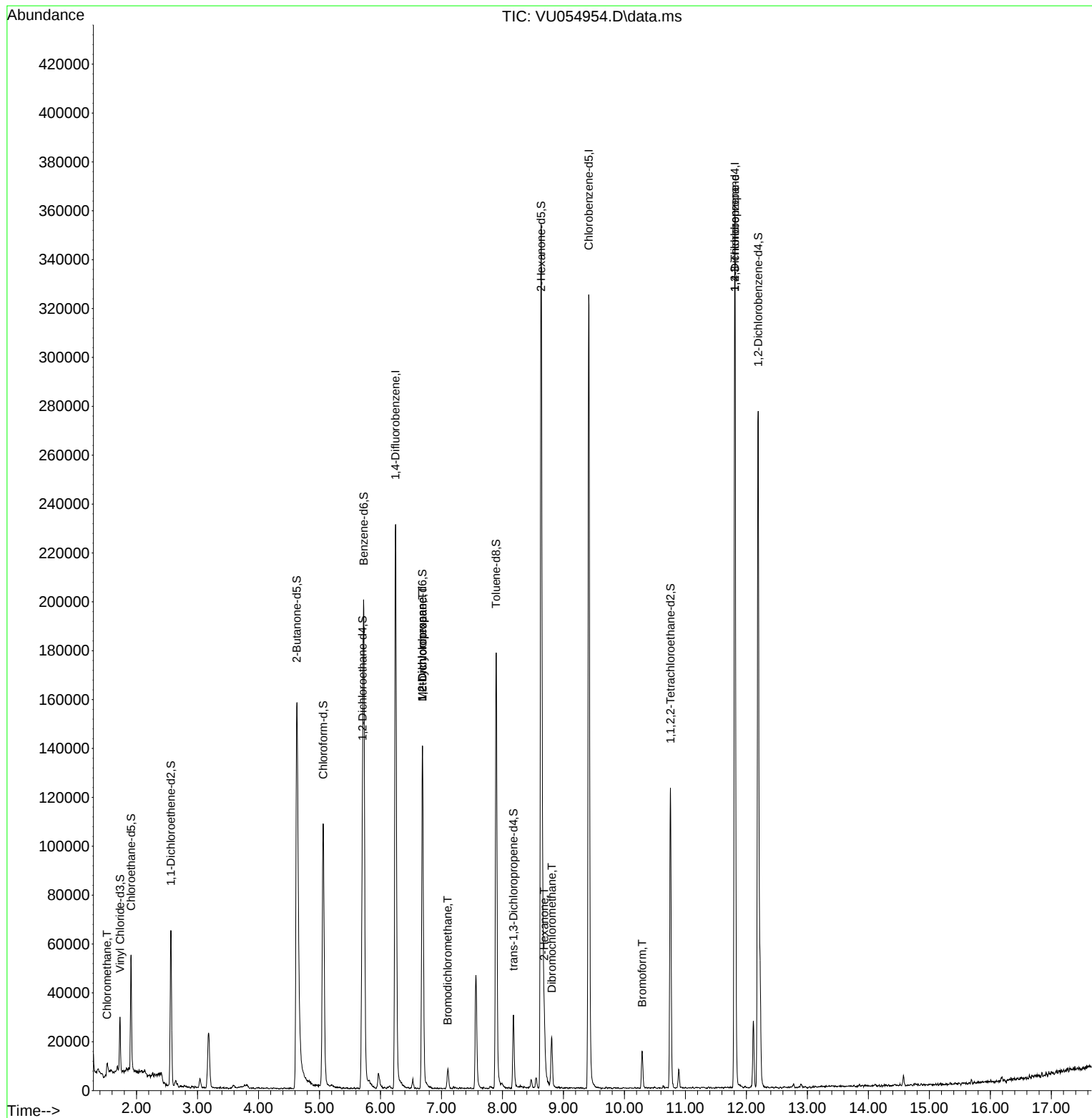
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	186071	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	177080	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	90111	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.731	65	115	0.020	ug/L	0.14
Spiked Amount	5.000	Range	40 - 130	Recovery	=	0.400%#
7) Chloroethane-d5	1.911	69	32840	4.328	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.600%
11) 1,1-Dichloroethene-d2	2.563	65	12522	3.773	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.400%
20) 2-Butanone-d5	4.628	46	179932	56.760	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.520%
24) Chloroform-d	5.062	84	99150	4.551	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
26) 1,2-Dichloroethane-d4	5.705	65	57201	4.934	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.600%
32) Benzene-d6	5.727	84	179772	4.516	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
36) 1,2-Dichloropropane-d6	6.689	67	65270	4.662	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.200%
41) Toluene-d8	7.897	98	123926	3.251	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	65.000%#
43) trans-1,3-Dichloroprop...	8.180	79	17102	3.712	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.200%
46) 2-Hexanone-d5	8.634	63	119143	54.484	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.960%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	59061	4.920	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.400%
66) 1,2-Dichlorobenzene-d4	12.193	152	70339	4.889	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.518	50	3181	0.264	ug/L	95
35) Methylcyclohexane	6.689	83	15975	0.933	ug/L #	18
37) 1,2-Dichloropropane	6.689	63	7287	0.626	ug/L #	90
38) Bromodichloromethane	7.103	83	5532	0.383	ug/L	98
48) 2-Hexanone	8.685	43	16233	3.376	ug/L #	79
49) Dibromochloromethane	8.807	129	10251	1.126	ug/L	94
59) Bromoform	10.293	173	6250	1.396	ug/L	98
61) 1,2,3-Trichloropropane	11.810	75	12462	1.857	ug/L #	69

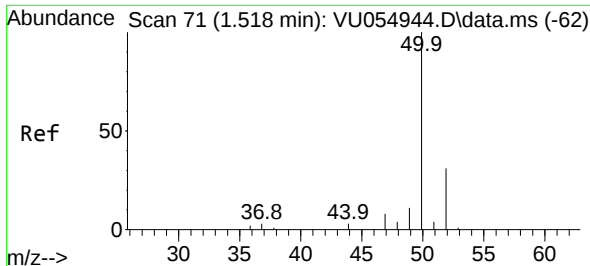
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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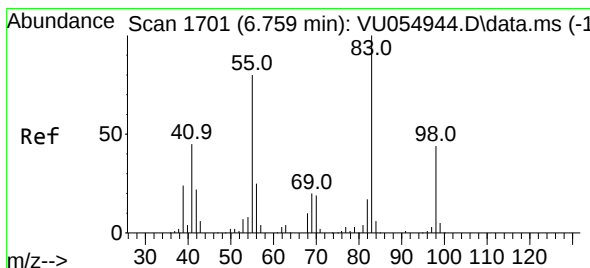
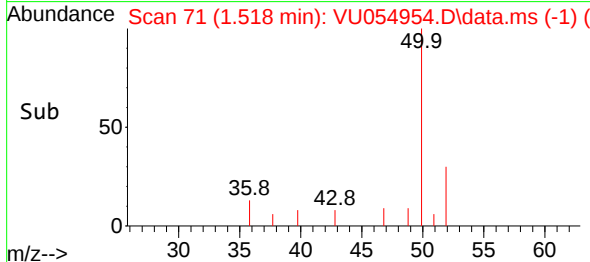
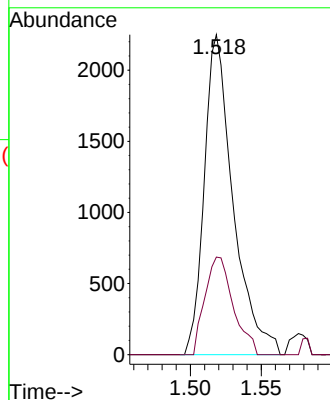
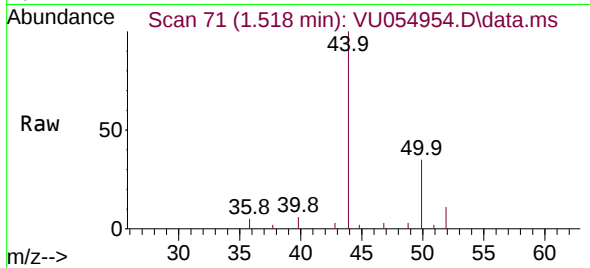




#3
Chloromethane
Concen: 0.264 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU054954.D
Acq: 29 Aug 2023 14:07

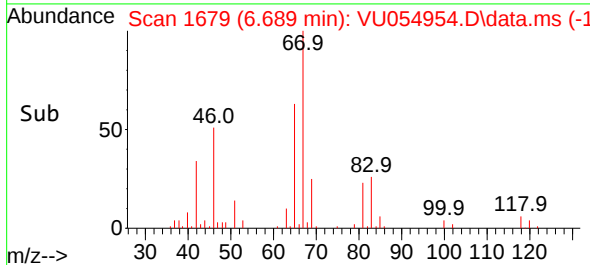
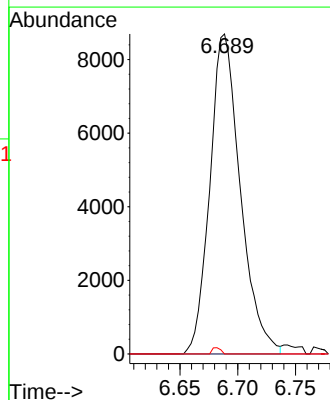
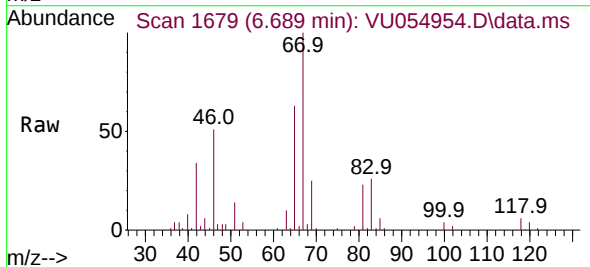
Instrument :
MSVOA_U
ClientSampleId :

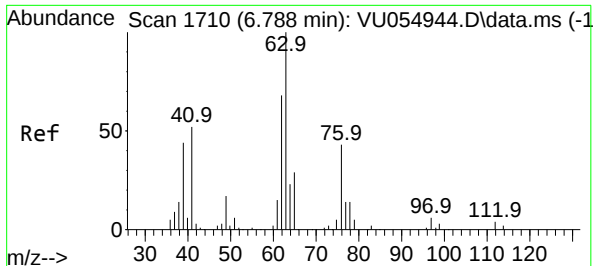
Tgt Ion: 50 Resp: 3181
Ion Ratio Lower Upper
50 100
52 30.5 23.4 43.6



#35
Methylcyclohexane
Concen: 0.933 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.071 min
Lab File: VU054954.D
Acq: 29 Aug 2023 14:07

Tgt Ion: 83 Resp: 15975
Ion Ratio Lower Upper
83 100
55 0.0 62.1 93.1#
98 0.5 37.8 56.6#





#37

1,2-Dichloropropane

Concen: 0.626 ug/L

RT: 6.689 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU054954.D

Acq: 29 Aug 2023 14:07

Instrument :

MSVOA_U

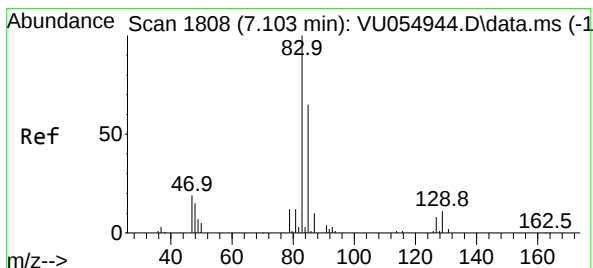
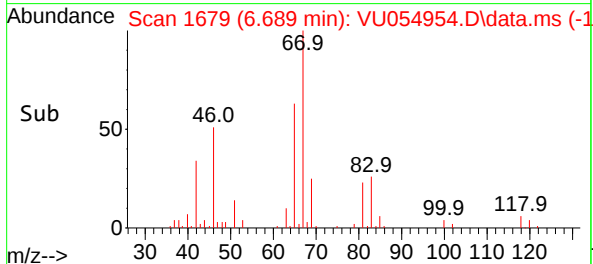
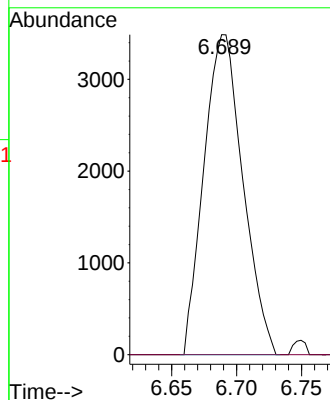
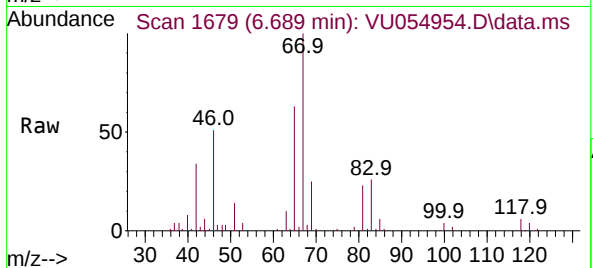
ClientSampleId :

Tgt Ion: 63 Resp: 7287

Ion Ratio Lower Upper

63 100

112 0.0 2.7 4.1#



#38

Bromodichloromethane

Concen: 0.383 ug/L

RT: 7.103 min Scan# 1808

Delta R.T. 0.000 min

Lab File: VU054954.D

Acq: 29 Aug 2023 14:07

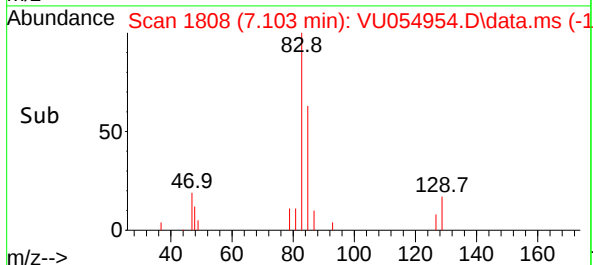
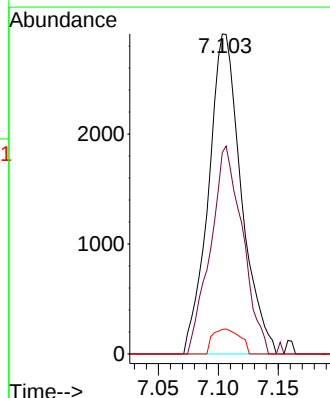
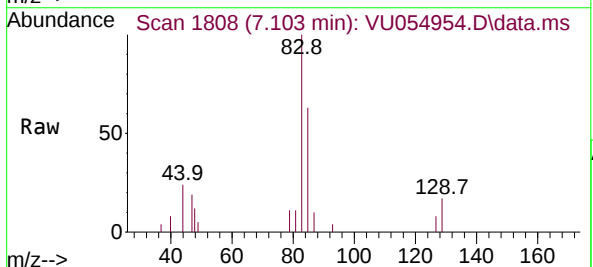
Tgt Ion: 83 Resp: 5532

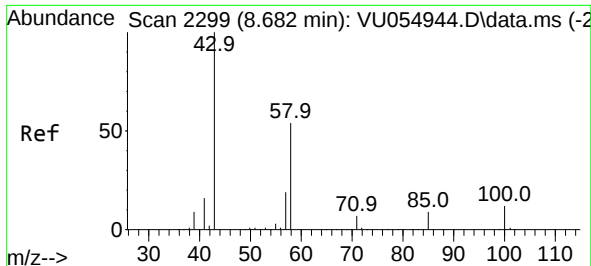
Ion Ratio Lower Upper

83 100

85 63.0 45.1 83.7

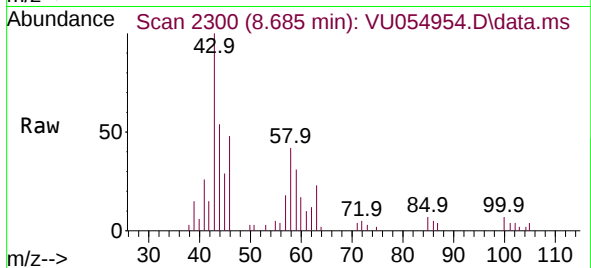
127 7.7 7.1 10.7



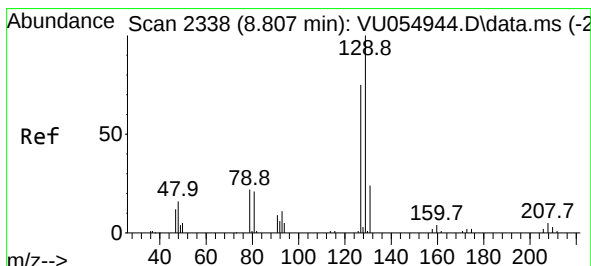
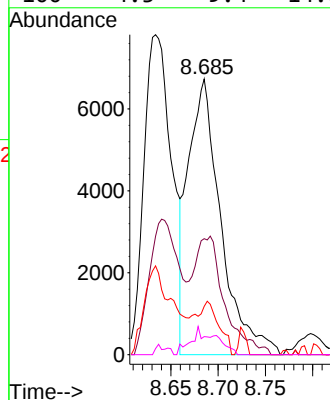
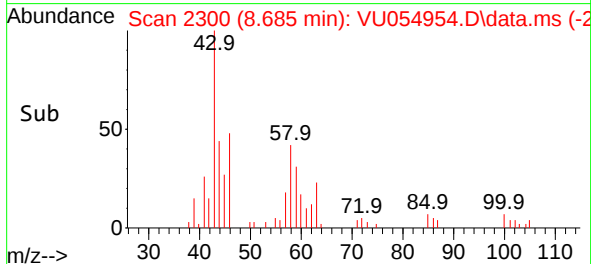


#48
2-Hexanone
Concen: 3.376 ug/L
RT: 8.685 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU054954.D
Acq: 29 Aug 2023 14:07

Instrument :
MSVOA_U
ClientSampleId :

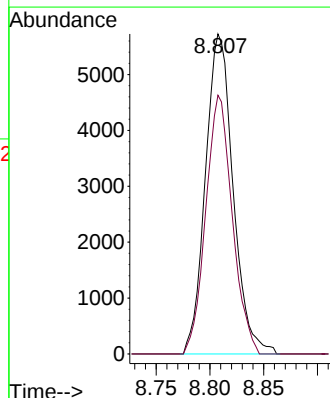
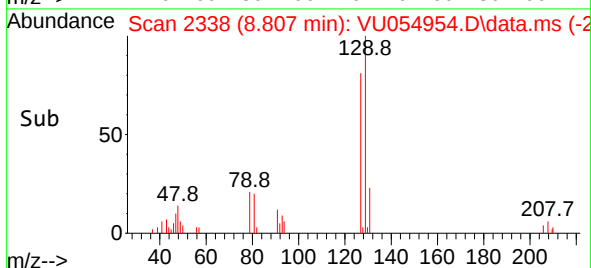
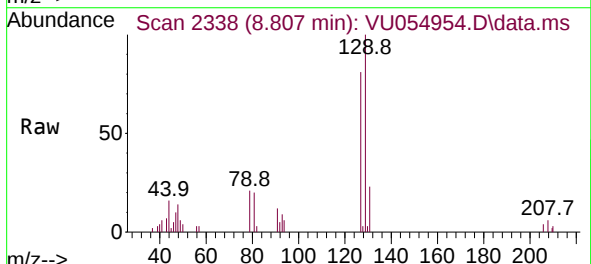


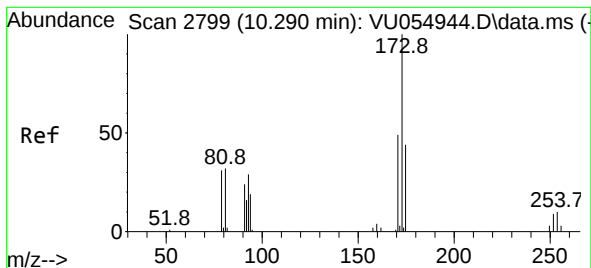
Tgt Ion: 43 Resp: 16233
Ion Ratio Lower Upper
43 100
58 39.2 44.0 66.0#
57 10.4 15.9 23.9#
100 4.3 9.4 14.0#



#49
Dibromochloromethane
Concen: 1.126 ug/L
RT: 8.807 min Scan# 2338
Delta R.T. 0.000 min
Lab File: VU054954.D
Acq: 29 Aug 2023 14:07

Tgt Ion: 129 Resp: 10251
Ion Ratio Lower Upper
129 100
127 80.9 60.5 112.5





#59

Bromoform

Concen: 1.396 ug/L

RT: 10.293 min Scan# 2799

Delta R.T. 0.003 min

Lab File: VU054954.D

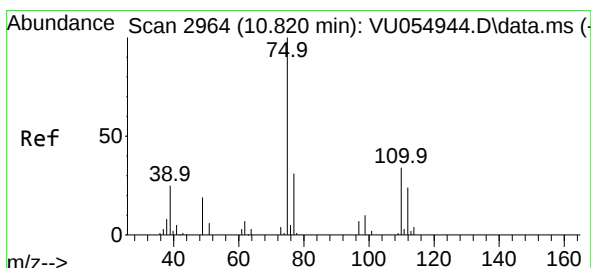
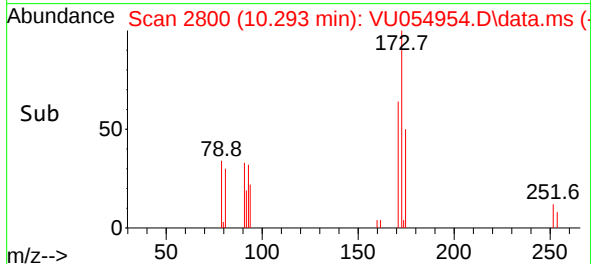
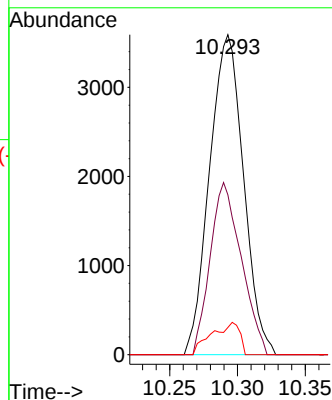
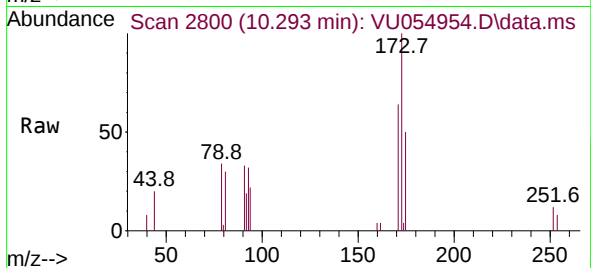
Acq: 29 Aug 2023 14:07

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	173	Resp:	6250
Ion Ratio	Lower	Upper	
173	100		
175	49.2	40.8	61.2
254	8.3	6.8	10.2



#61

1,2,3-Trichloropropane

Concen: 1.857 ug/L

RT: 11.810 min Scan# 3272

Delta R.T. 0.990 min

Lab File: VU054954.D

Acq: 29 Aug 2023 14:07

Tgt Ion:	75	Resp:	12462
Ion Ratio	Lower	Upper	
75	100		
110	2.3	29.0	43.6#
77	34.6	26.5	39.7

