

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082923\
 Data File : VU054951.D
 Acq On : 29 Aug 2023 12:58
 Operator : MD/SY
 Sample : 04158-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 29 22:28:50 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)

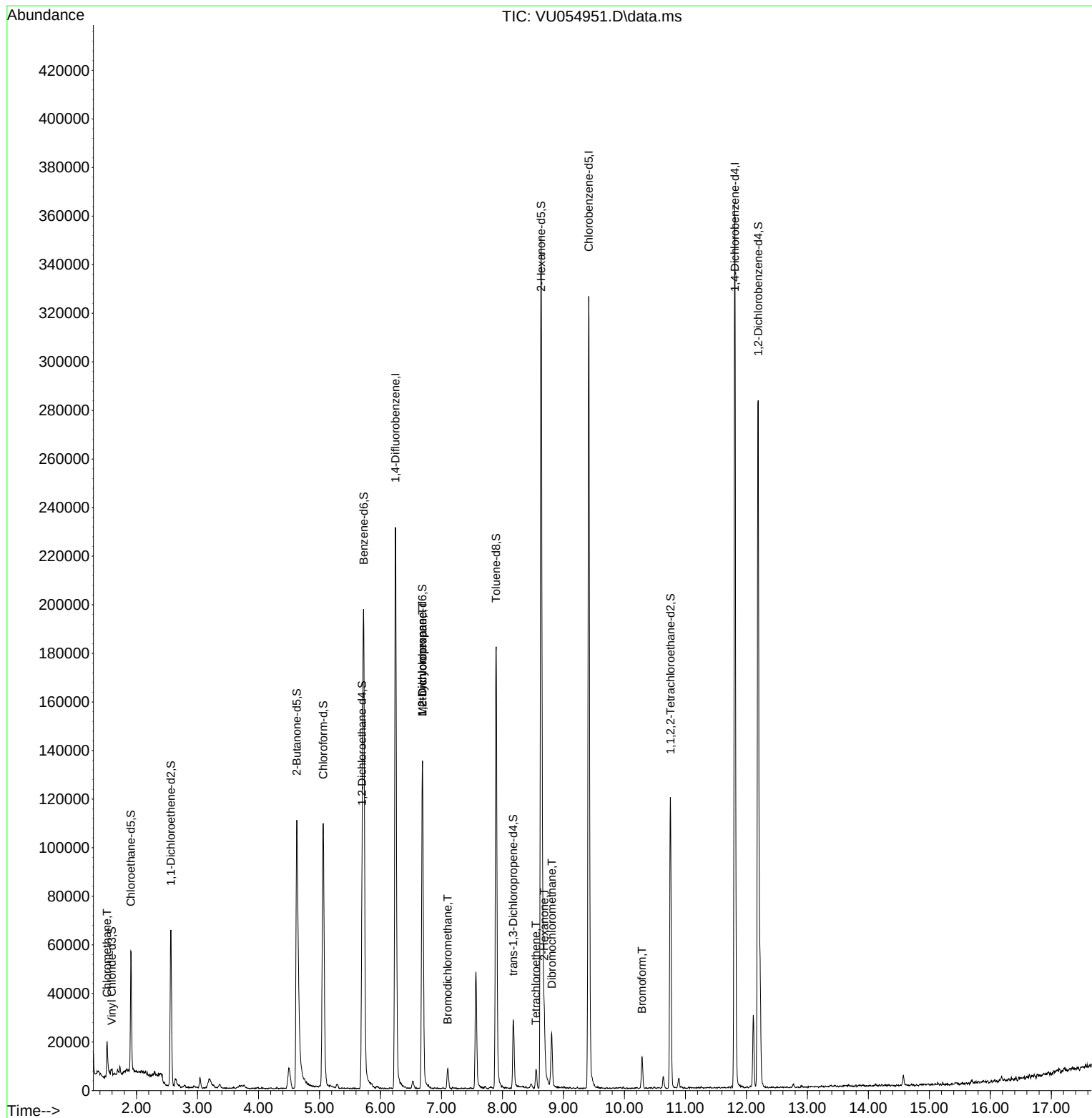
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	190623	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	179144	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	93291	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	54	0.009	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	0.200%#
7) Chloroethane-d5	1.907	69	33225	4.275	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.400%
11) 1,1-Dichloroethene-d2	2.563	65	12706	3.737	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.800%
20) 2-Butanone-d5	4.628	46	173262	53.351	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.700%
24) Chloroform-d	5.062	84	101536	4.549	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
26) 1,2-Dichloroethane-d4	5.698	65	57977	4.882	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
32) Benzene-d6	5.724	84	182272	4.526	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
36) 1,2-Dichloropropane-d6	6.689	67	64747	4.572	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.400%
41) Toluene-d8	7.898	98	124933	3.240	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	64.800%#
43) trans-1,3-Dichloroprop...	8.177	79	17493	3.753	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.000%
46) 2-Hexanone-d5	8.634	63	115856	52.371	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.740%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	58176	4.790	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.800%
66) 1,2-Dichlorobenzene-d4	12.193	152	72620	4.875	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.518	50	10540	0.855	ug/L	92
35) Methylcyclohexane	6.689	83	15195	0.877	ug/L #	18
37) 1,2-Dichloropropane	6.689	63	7212	0.612	ug/L #	90
38) Bromodichloromethane	7.103	83	5789	0.396	ug/L	92
47) Tetrachloroethene	8.550	164	1546	0.184	ug/L	86
48) 2-Hexanone	8.685	43	12720	2.615	ug/L #	90
49) Dibromochloromethane	8.807	129	10596	1.150	ug/L	99
59) Bromoform	10.286	173	5944	1.283	ug/L #	92

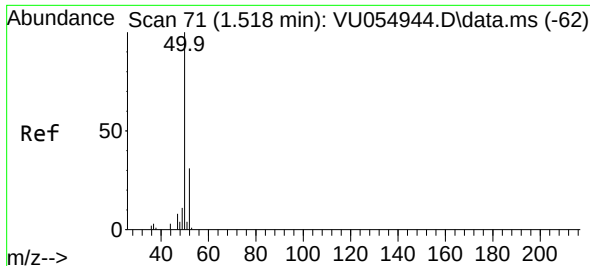
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_U
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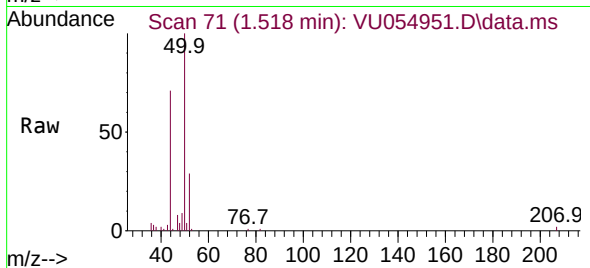
Quant Time: Aug 29 22:28:50 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082823WMA.M
Quant Title : TRACE VOA SFAM1.0
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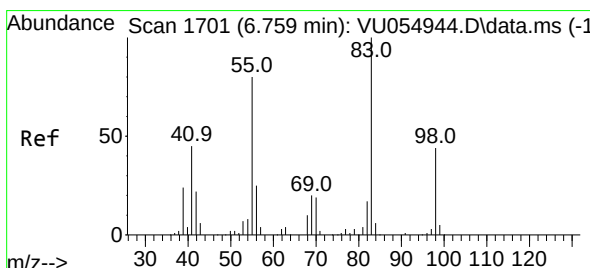
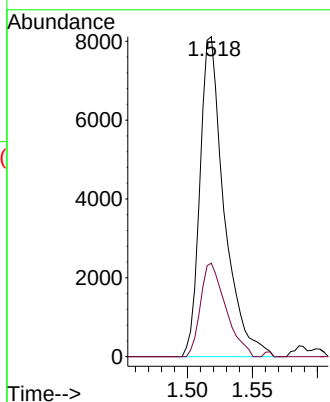
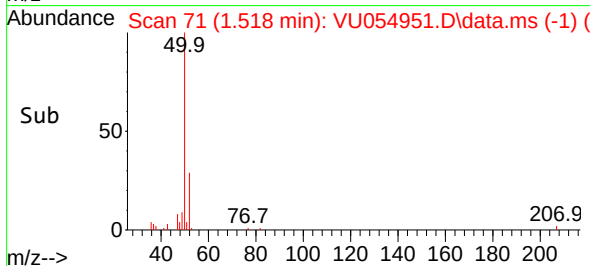


#3
Chloromethane
Concen: 0.855 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU054951.D
Acq: 29 Aug 2023 12:58

Instrument :
MSVOA_U
ClientSampleId :

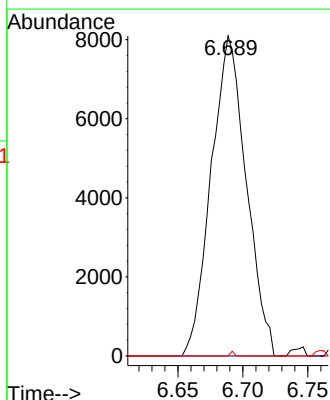
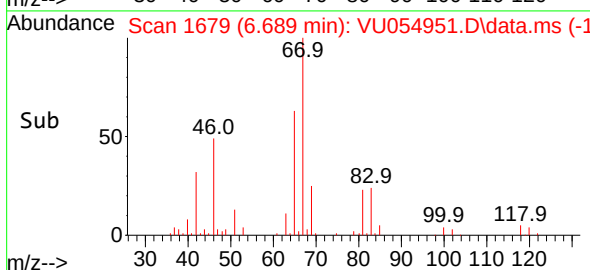
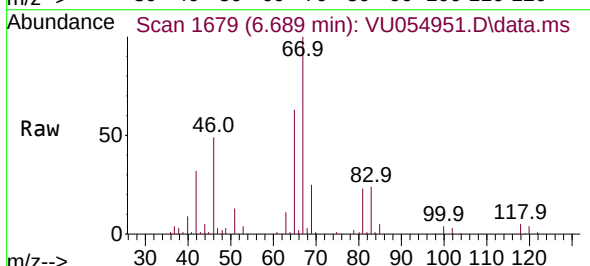


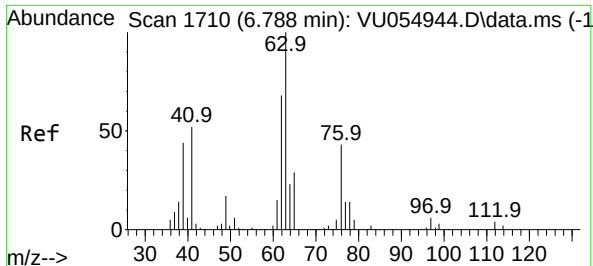
Tgt Ion: 50 Resp: 10540
Ion Ratio Lower Upper
50 100
52 29.2 23.4 43.6



#35
Methylcyclohexane
Concen: 0.877 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.071 min
Lab File: VU054951.D
Acq: 29 Aug 2023 12:58

Tgt Ion: 83 Resp: 15195
Ion Ratio Lower Upper
83 100
55 0.0 62.1 93.1#
98 0.2 37.8 56.6#





#37

1,2-Dichloropropane

Concen: 0.612 ug/L

RT: 6.689 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU054951.D

Acq: 29 Aug 2023 12:58

Instrument :

MSVOA_U

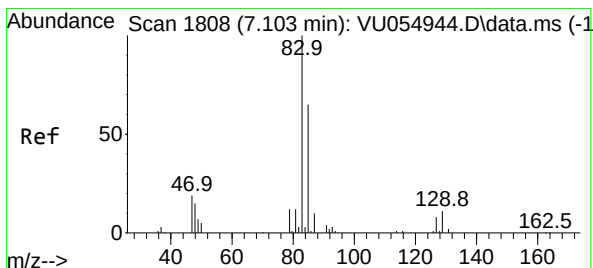
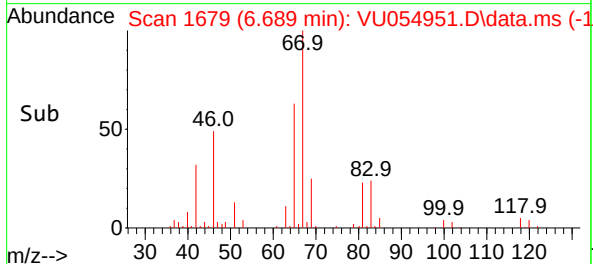
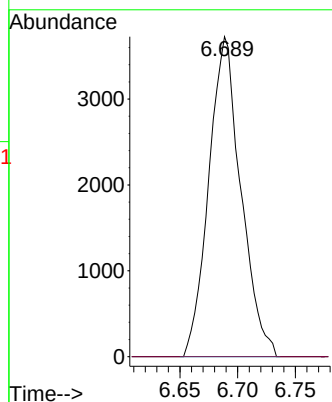
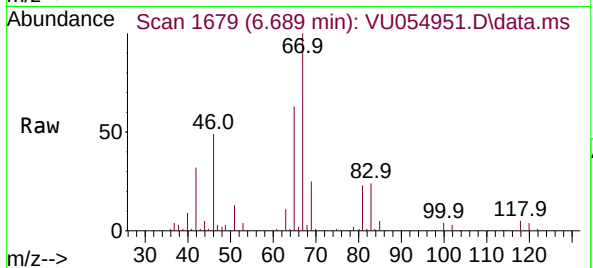
ClientSampleId :

Tgt Ion: 63 Resp: 7212

Ion Ratio Lower Upper

63 100

112 0.0 2.7 4.1#



#38

Bromodichloromethane

Concen: 0.396 ug/L

RT: 7.103 min Scan# 1808

Delta R.T. 0.000 min

Lab File: VU054951.D

Acq: 29 Aug 2023 12:58

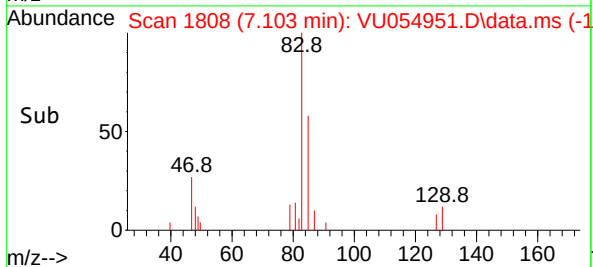
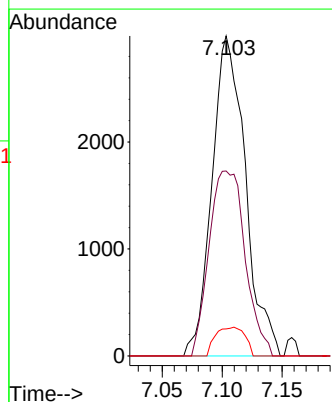
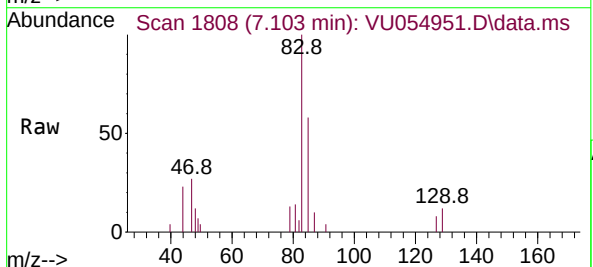
Tgt Ion: 83 Resp: 5789

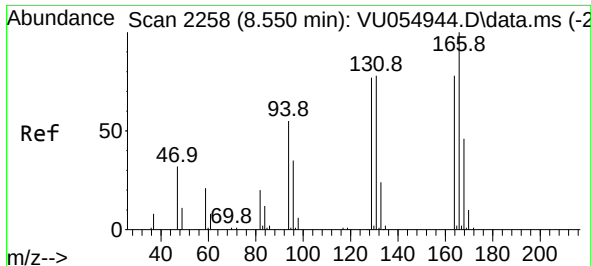
Ion Ratio Lower Upper

83 100

85 57.8 45.1 83.7

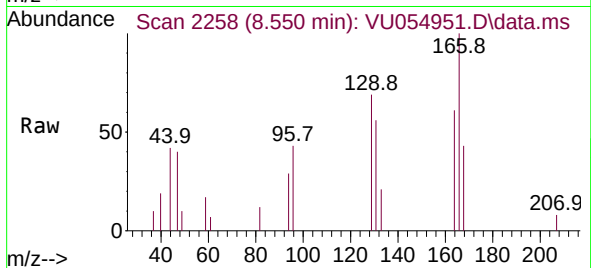
127 8.4 7.1 10.7



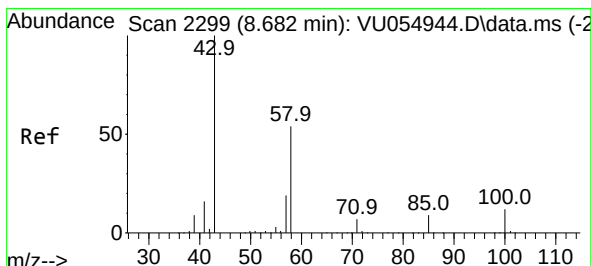
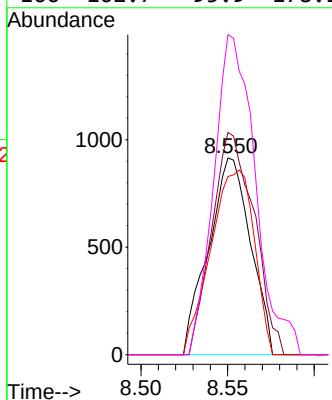
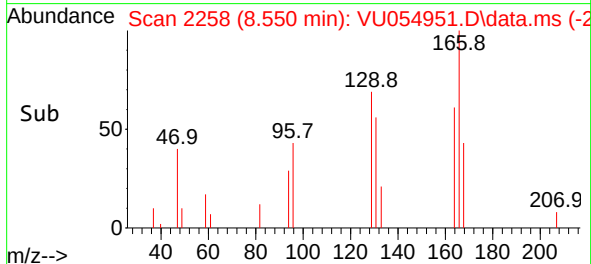


#47
Tetrachloroethene
Concen: 0.184 ug/L
RT: 8.550 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU054951.D
Acq: 29 Aug 2023 12:58

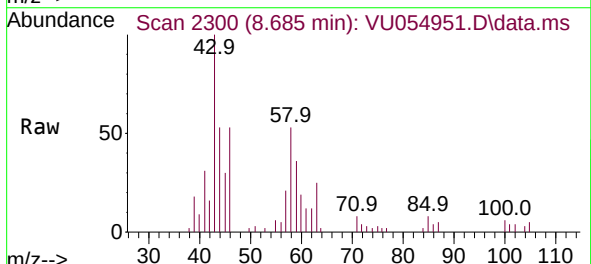
Instrument :
MSVOA_U
ClientSampleId :



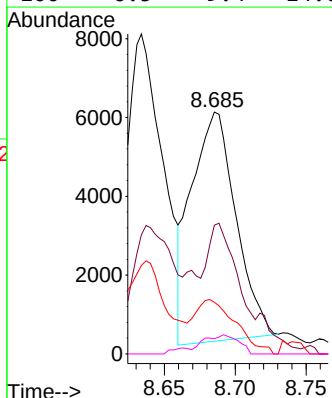
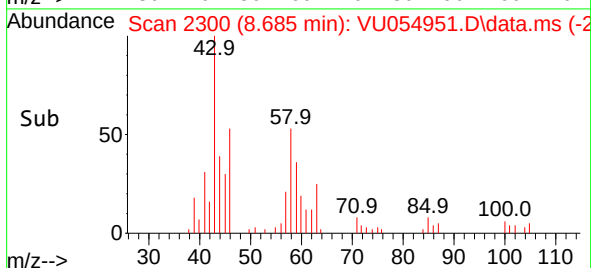
Tgt Ion:164 Resp: 1546
Ion Ratio Lower Upper
164 100
129 113.0 72.8 135.2
131 90.6 70.7 131.3
166 162.7 95.9 178.1

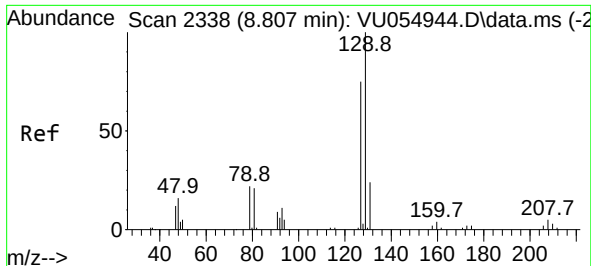


#48
2-Hexanone
Concen: 2.615 ug/L
RT: 8.685 min Scan# 2300
Delta R.T. 0.003 min
Lab File: VU054951.D
Acq: 29 Aug 2023 12:58



Tgt Ion: 43 Resp: 12720
Ion Ratio Lower Upper
43 100
58 47.0 44.0 66.0
57 21.8 15.9 23.9
100 6.5 9.4 14.0#





#49

Dibromochloromethane

Concen: 1.150 ug/L

RT: 8.807 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU054951.D

Acq: 29 Aug 2023 12:58

Instrument :

MSVOA_U

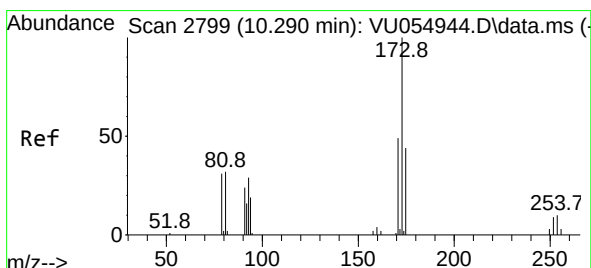
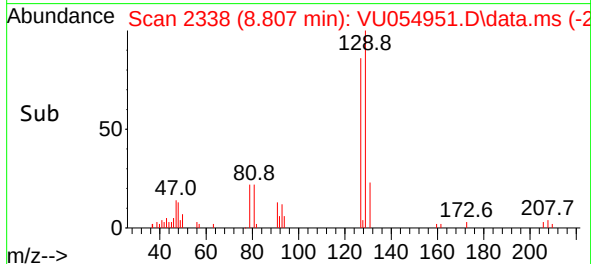
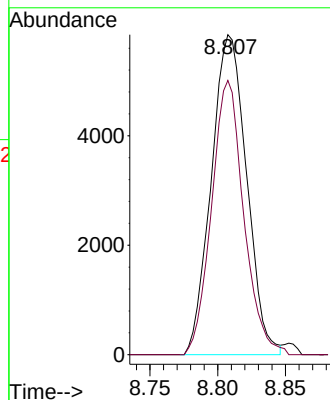
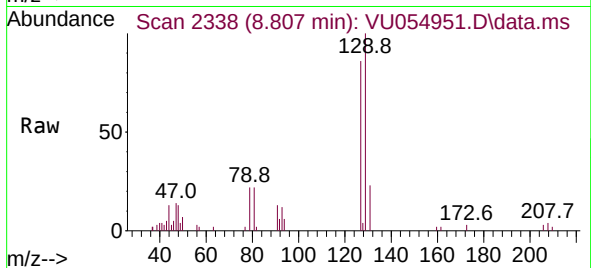
ClientSampleId :

Tgt Ion:129 Resp: 10596

Ion Ratio Lower Upper

129 100

127 85.7 60.5 112.5



#59

Bromoform

Concen: 1.283 ug/L

RT: 10.286 min Scan# 2798

Delta R.T. -0.003 min

Lab File: VU054951.D

Acq: 29 Aug 2023 12:58

Tgt Ion:173 Resp: 5944

Ion Ratio Lower Upper

173 100

175 46.6 40.8 61.2

254 3.2 6.8 10.2#

