

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103122\
 Data File : VU051634.D
 Acq On : 01 Nov 2022 01:09
 Operator : JC/MD
 Sample : N5321-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBWN8

Quant Time: Nov 01 05:59:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 01 02:34:58 2022
 Response via : Initial Calibration

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

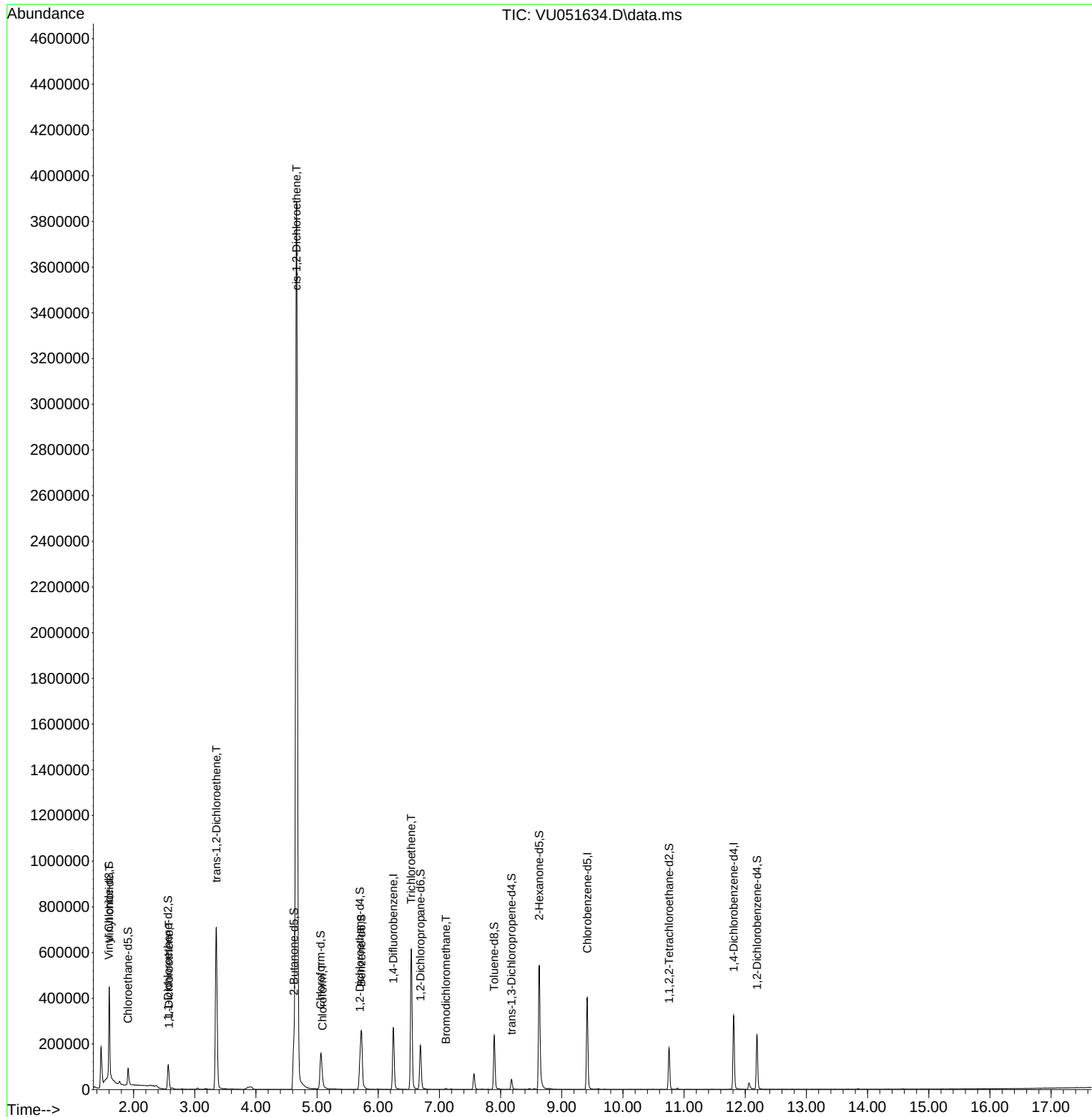
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	224669	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	233111	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	93156	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	49255	2.911	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	58.200%
7) Chloroethane-d5	1.909	69	57529	3.260	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	65.200%
11) 1,1-Dichloroethene-d2	2.565	65	17478	2.846	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.000%#
20) 2-Butanone-d5	4.620	46	269684	44.008	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.020%
24) Chloroform-d	5.060	84	143869	3.633	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.600%
26) 1,2-Dichloroethane-d4	5.700	65	82926	3.877	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.600%
32) Benzene-d6	5.726	84	246941	3.357	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	67.200%#
36) 1,2-Dichloropropane-d6	6.690	67	95957	3.730	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	74.600%
41) Toluene-d8	7.896	98	162785	2.814	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	56.200%#
43) trans-1,3-Dichloroprop...	8.179	79	25818	3.283	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	65.600%
46) 2-Hexanone-d5	8.632	63	183482	38.752	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.500%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	93650	3.973	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.400%
66) 1,2-Dichlorobenzene-d4	12.192	152	65595	3.836	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	76.800%#
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.604	62	227920	7.682	ug/L #	64
12) 1,1-Dichloroethene	2.578	96	10279	0.526	ug/L #	4
18) trans-1,2-Dichloroethene	3.353	96	310287	14.803	ug/L	98
22) cis-1,2-Dichloroethene	4.665	96	2108259	90.897	ug/L	98
25) Chloroform	5.089	83	28233	0.704	ug/L	96
34) Trichloroethene	6.539	95	219237	9.875	ug/L	99
38) Bromodichloromethane	7.105	83	3364	0.116	ug/L #	89

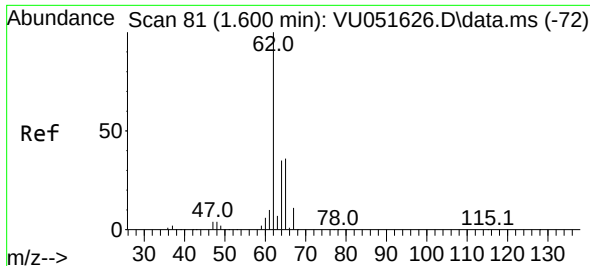
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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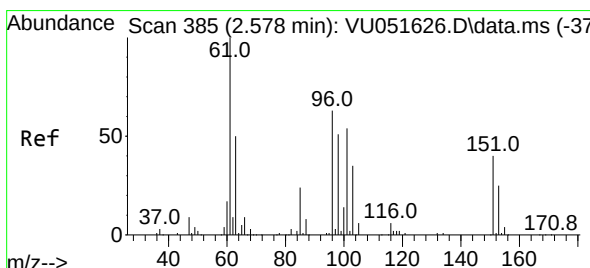
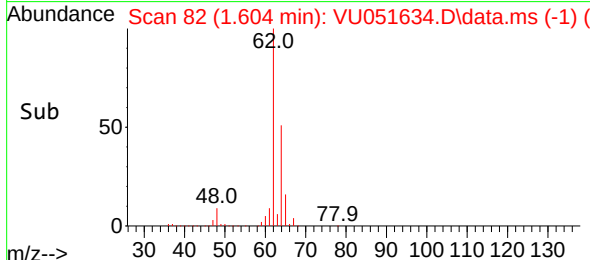
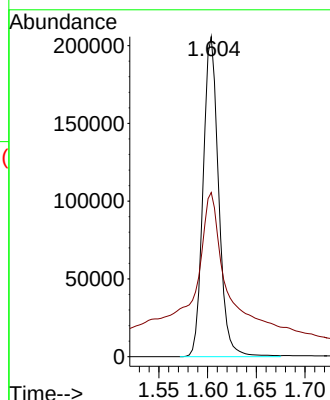
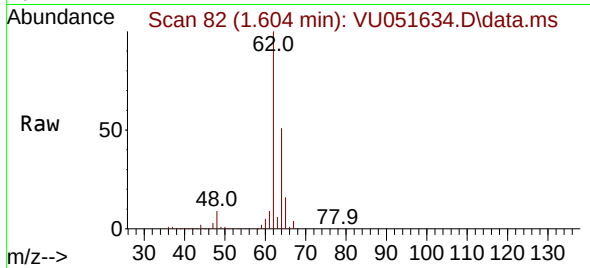




#5
 Vinyl chloride
 Concen: 7.682 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VU051634.D
 Acq: 01 Nov 2022 01:09

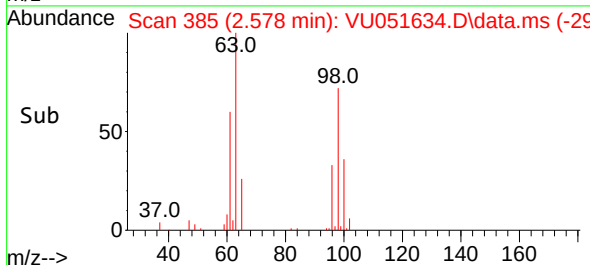
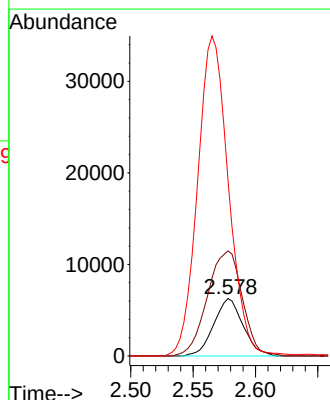
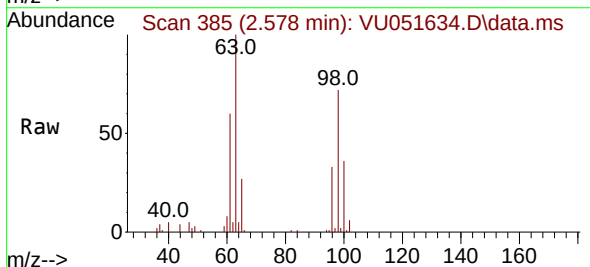
Instrument :
 MSVOA_U
 ClientSampleId :
 DBWN8

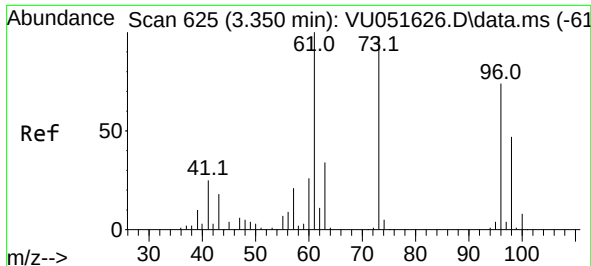
Tgt Ion: 62 Resp: 227920
 Ion Ratio Lower Upper
 62 100
 64 51.3 22.1 41.1#



#12
 1,1-Dichloroethene
 Concen: 0.526 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.000 min
 Lab File: VU051634.D
 Acq: 01 Nov 2022 01:09

Tgt Ion: 96 Resp: 10279
 Ion Ratio Lower Upper
 96 100
 61 183.1 108.8 202.0
 63 305.3 64.9 120.5#

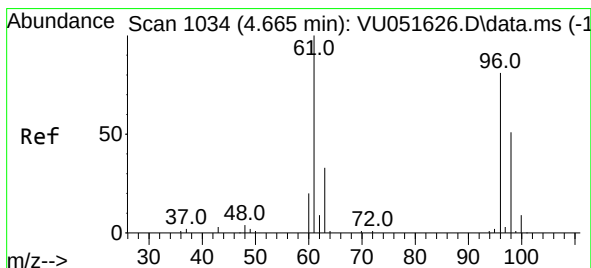
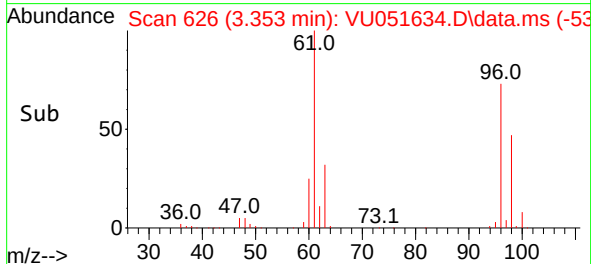
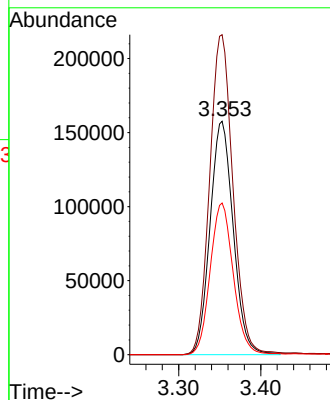
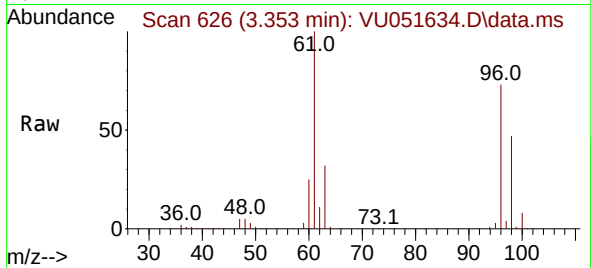




#18
trans-1,2-Dichloroethene
Concen: 14.803 ug/L
RT: 3.353 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU051634.D
Acq: 01 Nov 2022 01:09

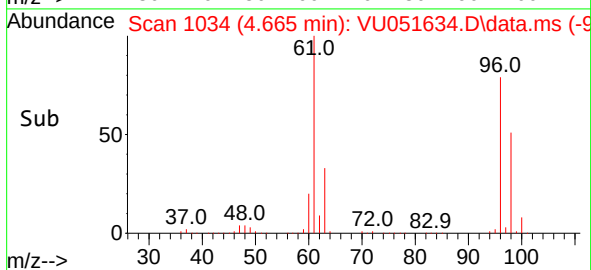
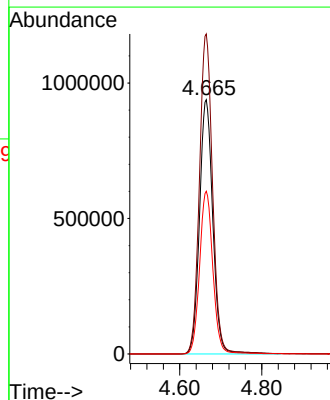
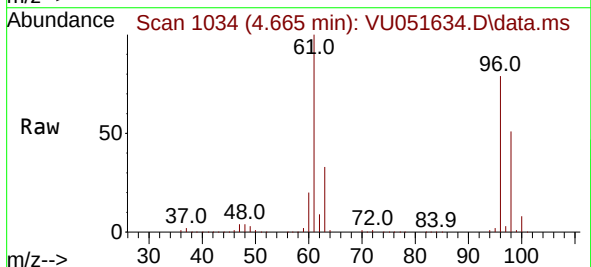
Instrument :
MSVOA_U
ClientSampleId :
DBWN8

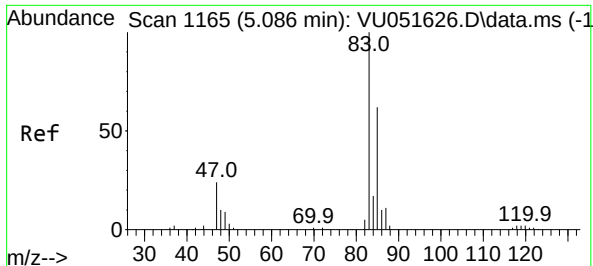
Tgt Ion: 96 Resp: 310287
Ion Ratio Lower Upper
96 100
61 137.1 94.7 175.9
98 65.0 44.2 82.0



#22
cis-1,2-Dichloroethene
Concen: 90.897 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. 0.000 min
Lab File: VU051634.D
Acq: 01 Nov 2022 01:09

Tgt Ion: 96 Resp: 2108259
Ion Ratio Lower Upper
96 100
61 125.9 86.4 160.4
98 64.0 44.2 82.2





#25

Chloroform

Concen: 0.704 ug/L

RT: 5.089 min Scan# 1165

Delta R.T. 0.003 min

Lab File: VU051634.D

Acq: 01 Nov 2022 01:09

Instrument :

MSVOA_U

ClientSampleId :

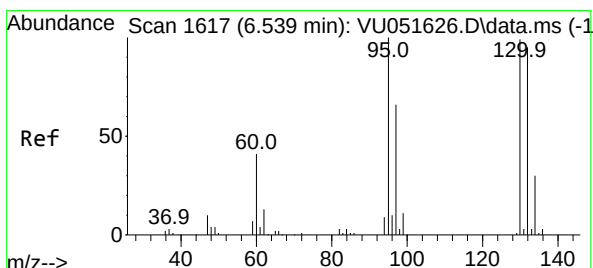
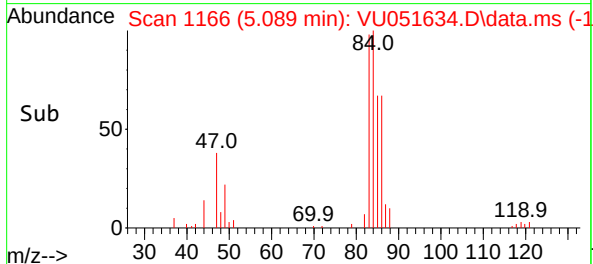
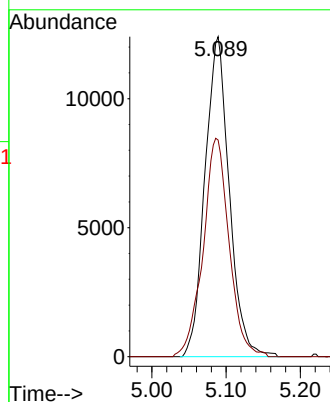
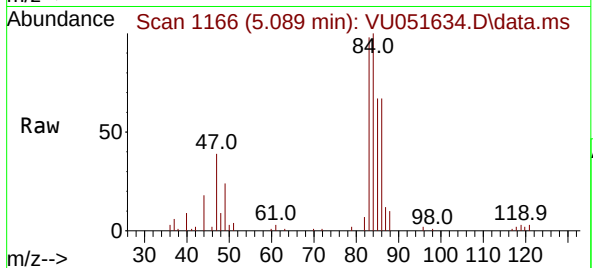
DBWN8

Tgt Ion: 83 Resp: 28233

Ion Ratio Lower Upper

83 100

85 67.7 45.2 84.0



#34

Trichloroethene

Concen: 9.875 ug/L

RT: 6.539 min Scan# 1617

Delta R.T. 0.000 min

Lab File: VU051634.D

Acq: 01 Nov 2022 01:09

Tgt Ion: 95 Resp: 219237

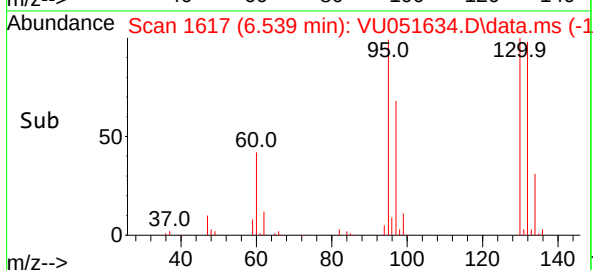
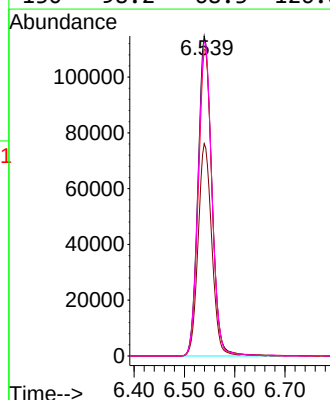
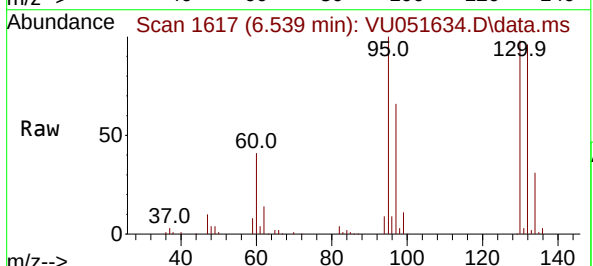
Ion Ratio Lower Upper

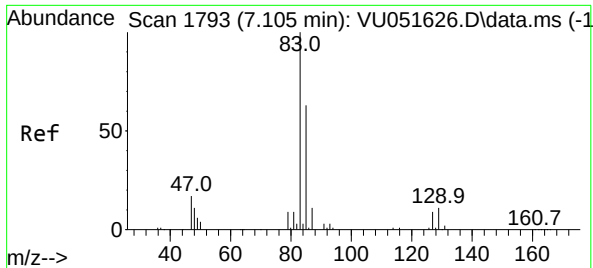
95 100

97 66.3 45.2 84.0

132 95.9 66.5 123.5

130 98.2 68.3 126.8





#38
 Bromodichloromethane
 Concen: 0.116 ug/L
 RT: 7.105 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VU051634.D
 Acq: 01 Nov 2022 01:09

Instrument :
 MSVOA_U
 ClientSampleId :
 DBWN8

Tgt Ion: 83 Resp: 3364
 Ion Ratio Lower Upper
 83 100
 85 73.1 45.1 83.7
 127 6.0 6.6 9.8#

