

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052124\
 Data File : VU058930.D
 Acq On : 21 May 2024 14:52
 Operator : MD/SY
 Sample : P2409-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT2-2024-03

Quant Time: May 22 07:08:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUSIM052124.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed May 22 07:04:21 2024
 Response via : Initial Calibration

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

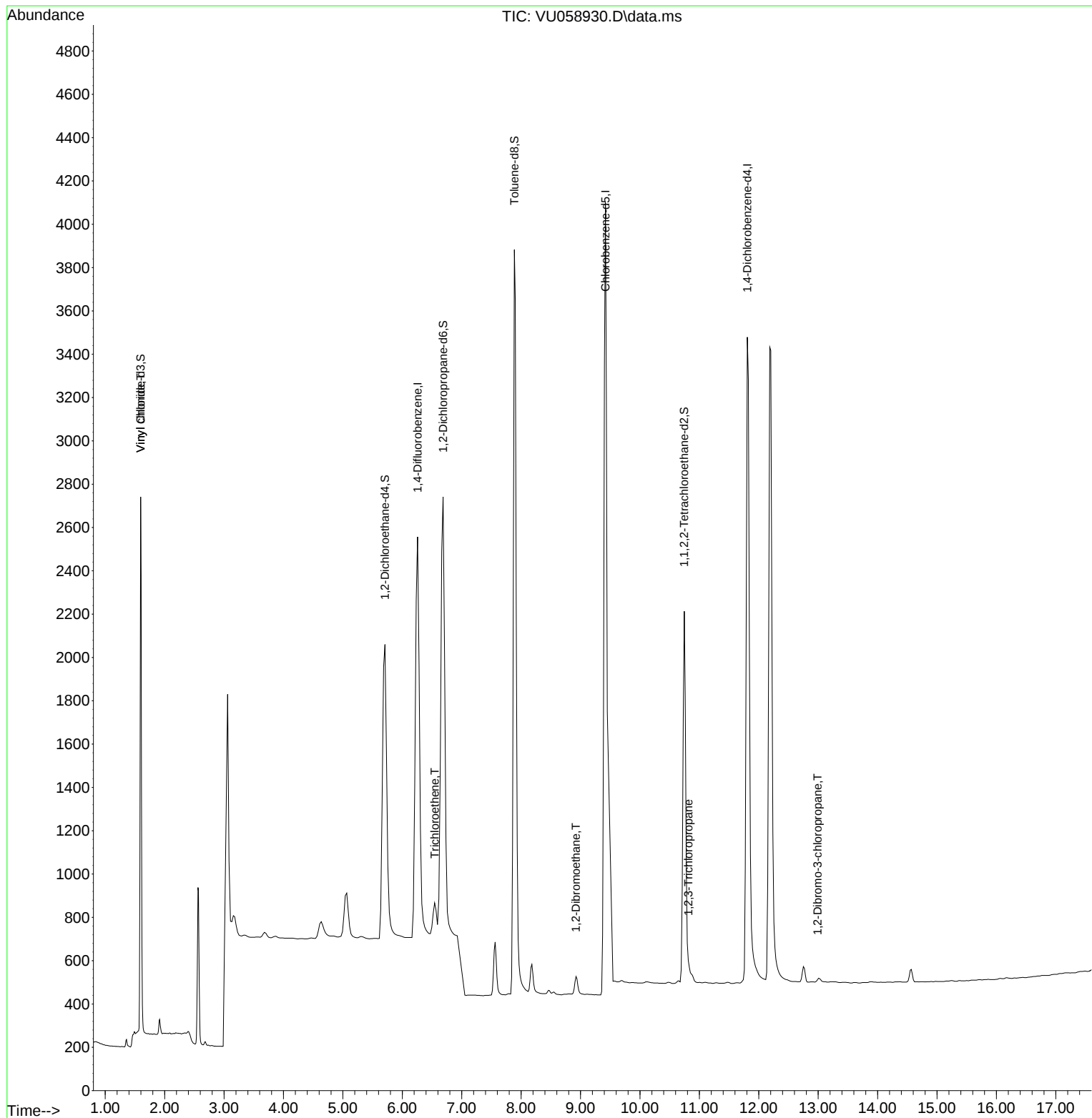
Internal Standards						
1) 1,4-Difluorobenzene	6.258	114	6332	0.500	ug/L	0.00
5) Chlorobenzene-d5	9.418	117	9940	0.500	ug/L	0.00
11) 1,4-Dichlorobenzene-d4	11.808	152	3441	0.500	ug/L	0.00
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.597	65	2701	0.505	ug/L	0.00
Spiked Amount	0.500	Range	40 - 130	Recovery	=	100.000%
4) 1,2-Dichloroethane-d4	5.709	65	3041	0.486	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	98.000%
7) 1,2-Dichloropropane-d6	6.687	67	3761	0.518	ug/L	0.00
Spiked Amount	0.500	Range	60 - 140	Recovery	=	104.000%
8) Toluene-d8	7.887	98	6840	0.482	ug/L	0.00
Spiked Amount	0.500	Range	70 - 130	Recovery	=	96.000%
10) 1,1,2,2-Tetrachloroeth...	10.745	84	3545	0.515	ug/L	0.00
Spiked Amount	0.500	Range	65 - 120	Recovery	=	104.000%
Target Compounds						
					Qvalue	
3) Vinyl chloride	1.597	62	245	0.033	ug/L #	7
6) Trichloroethene	6.544	95	199	0.035	ug/L	94
9) 1,2-Dibromoethane	8.924	107	117	0.028	ug/L #	85
12) 1,2,3-Trichloropropane	10.814	75	167	0.036	ug/L	93
13) 1,2-Dibromo-3-chloropr...	12.990	75	29	0.032	ug/L	91

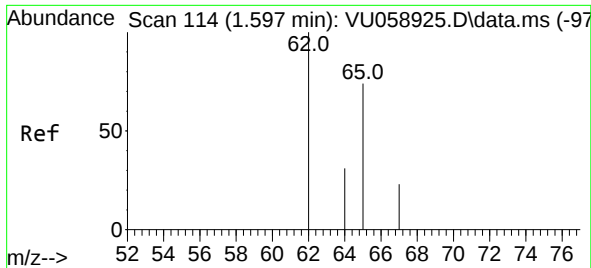
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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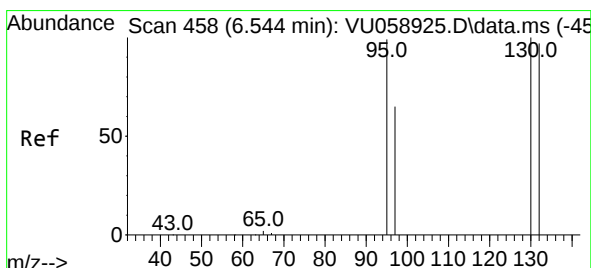
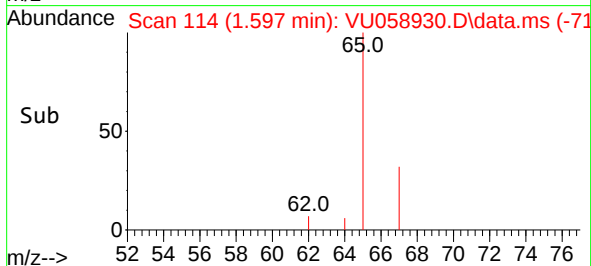
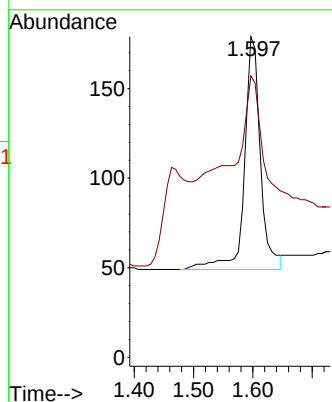
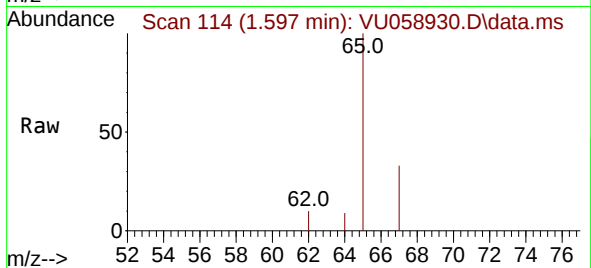




#3
 Vinyl chloride
 Concen: 0.033 ug/L
 RT: 1.597 min Scan# 114
 Delta R.T. -0.000 min
 Lab File: VU058930.D
 Acq: 21 May 2024 14:52

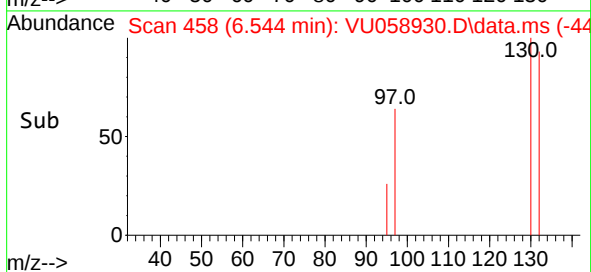
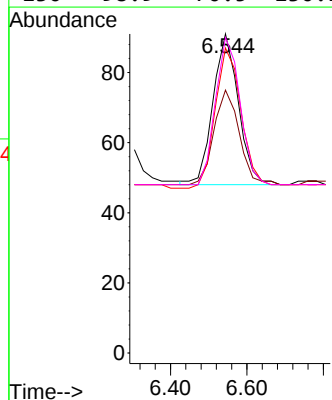
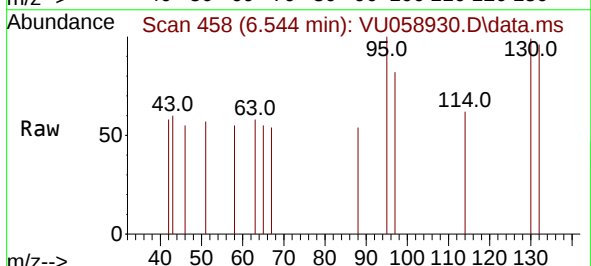
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT2-2024-03

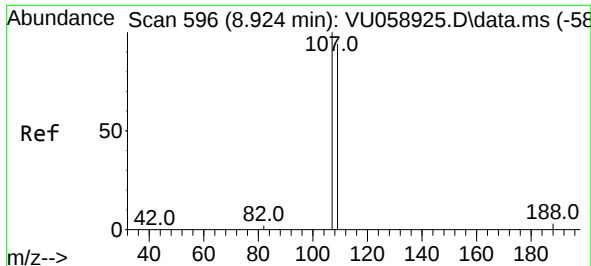
Tgt Ion: 62 Resp: 245
 Ion Ratio Lower Upper
 62 100
 64 87.7 23.9 44.5#



#6
 Trichloroethene
 Concen: 0.035 ug/L
 RT: 6.544 min Scan# 458
 Delta R.T. -0.000 min
 Lab File: VU058930.D
 Acq: 21 May 2024 14:52

Tgt Ion: 95 Resp: 199
 Ion Ratio Lower Upper
 95 100
 97 82.4 47.7 88.7
 132 95.6 68.5 127.1
 130 98.9 70.5 130.9





#9

1,2-Dibromoethane

Concen: 0.028 ug/L

RT: 8.924 min Scan# 596

Delta R.T. -0.000 min

Lab File: VU058930.D

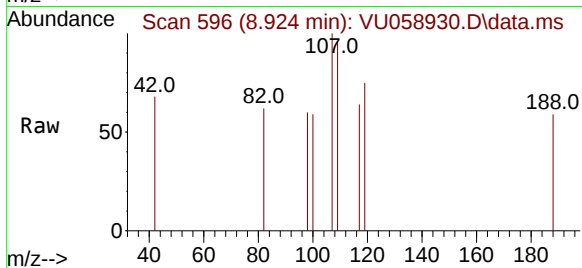
Acq: 21 May 2024 14:52

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT2-2024-03



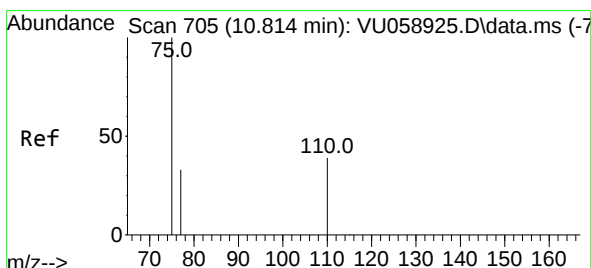
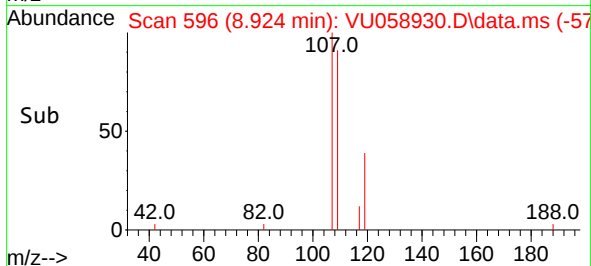
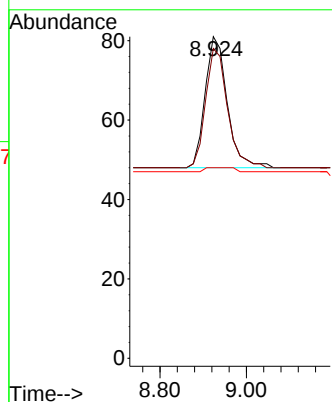
Tgt Ion:107 Resp: 117

Ion Ratio Lower Upper

107 100

109 96.3 65.9 122.3

188 59.3 7.7 11.5#



#12

1,2,3-Trichloropropane

Concen: 0.036 ug/L

RT: 10.814 min Scan# 705

Delta R.T. -0.000 min

Lab File: VU058930.D

Acq: 21 May 2024 14:52

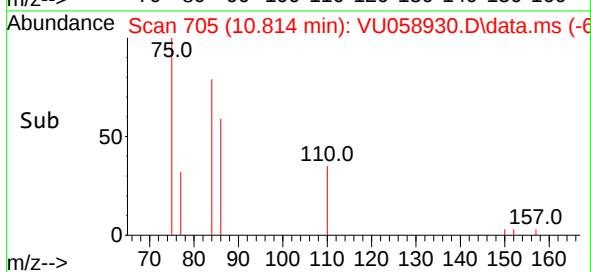
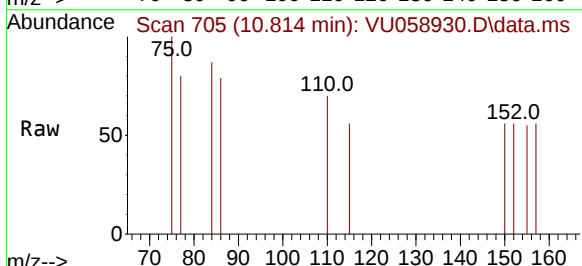
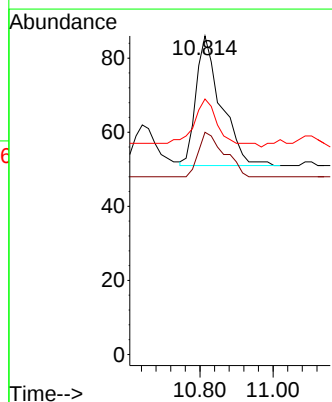
Tgt Ion: 75 Resp: 167

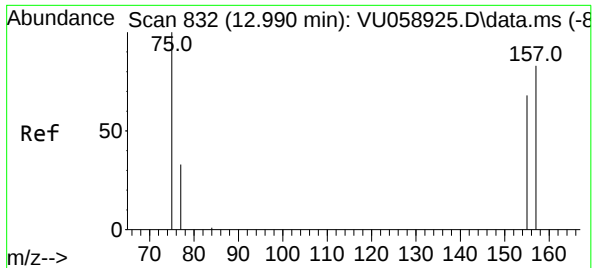
Ion Ratio Lower Upper

75 100

110 35.3 30.1 45.1

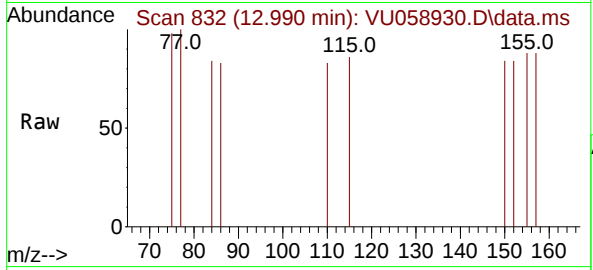
77 38.3 26.3 39.5





#13
 1,2-Dibromo-3-chloropropane
 Concen: 0.032 ug/L
 RT: 12.990 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU058930.D
 Acq: 21 May 2024 14:52

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT2-2024-03



Tgt Ion: 75	Resp: 29
Ion Ratio	Lower Upper
75 100	
157 89.5	69.1 103.7
155 89.5	60.7 91.1

