

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081624\
 Data File : VU060477.D
 Acq On : 16 Aug 2024 16:51
 Operator : MD/SY
 Sample : P3391-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL-WATER-QT3-2024-05

Quant Time: Aug 17 05:09:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUSIM081624.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Aug 17 05:03:57 2024
 Response via : Initial Calibration

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

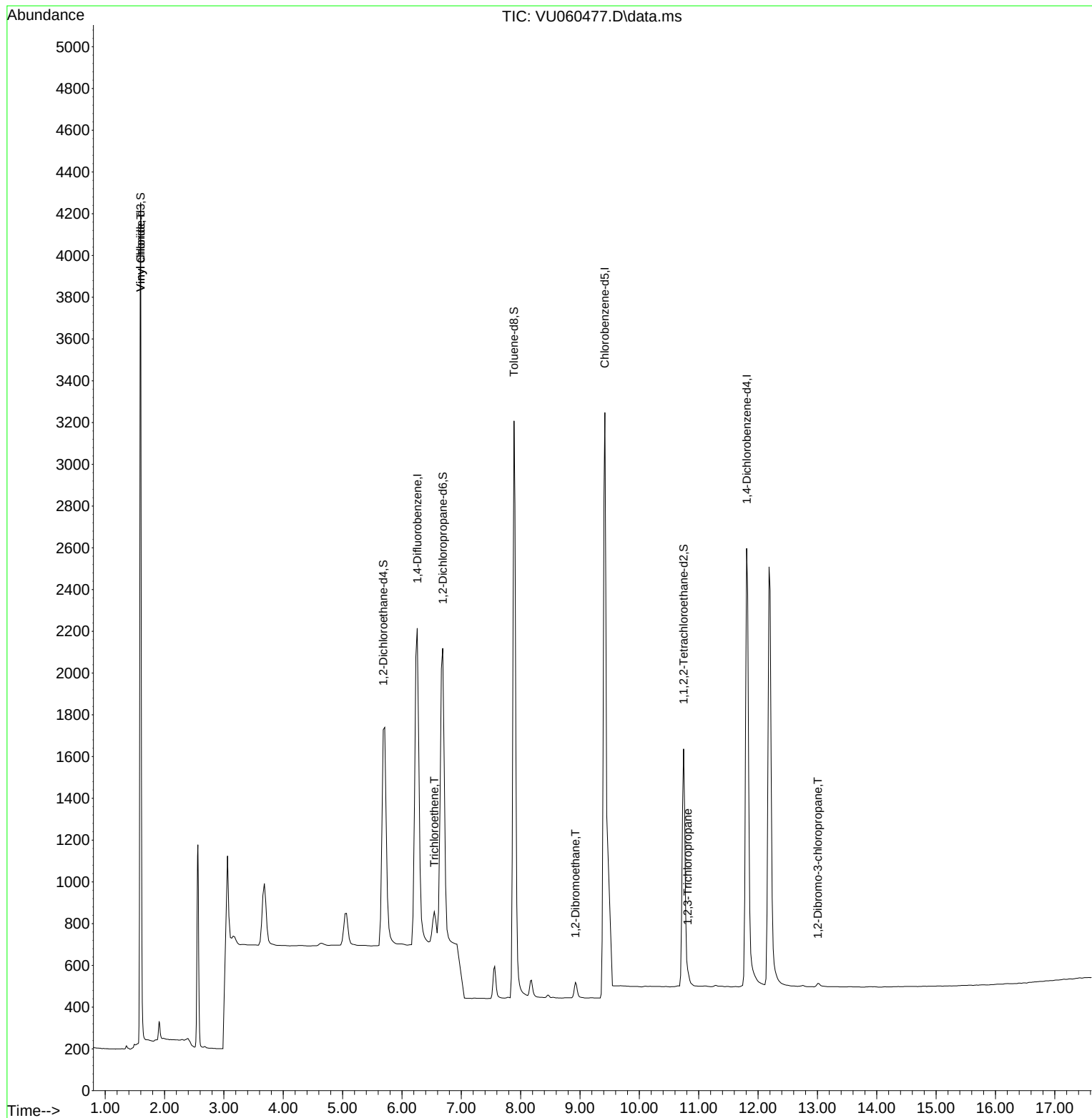
Internal Standards						
1) 1,4-Difluorobenzene	6.258	114	5416	0.500	ug/L	0.00
5) Chlorobenzene-d5	9.419	117	8122	0.500	ug/L	0.00
11) 1,4-Dichlorobenzene-d4	11.808	152	2452	0.500	ug/L	0.00
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.597	65	4681	0.531	ug/L	0.00
Spiked Amount 0.500	Range 40 - 130		Recovery = 106.000%			
4) 1,2-Dichloroethane-d4	5.685	65	2458	0.527	ug/L	-0.02
Spiked Amount 0.500	Range 70 - 130		Recovery = 106.000%			
7) 1,2-Dichloropropane-d6	6.687	67	2739	0.542	ug/L	0.00
Spiked Amount 0.500	Range 60 - 140		Recovery = 108.000%			
8) Toluene-d8	7.888	98	5392	0.517	ug/L	0.00
Spiked Amount 0.500	Range 70 - 130		Recovery = 104.000%			
10) 1,1,2,2-Tetrachloroeth...	10.746	84	2351	0.532	ug/L	0.00
Spiked Amount 0.500	Range 65 - 120		Recovery = 106.000%			
Target Compounds						
					Qvalue	
3) Vinyl chloride	1.597	62	296	0.032	ug/L #	40
6) Trichloroethene	6.544	95	179	0.035	ug/L	90
9) 1,2-Dibromoethane	8.924	107	119	0.037	ug/L #	83
12) 1,2,3-Trichloropropane	10.814	75	112	0.039	ug/L #	84
13) 1,2-Dibromo-3-chloropr...	13.008	75	19	0.034	ug/L	92

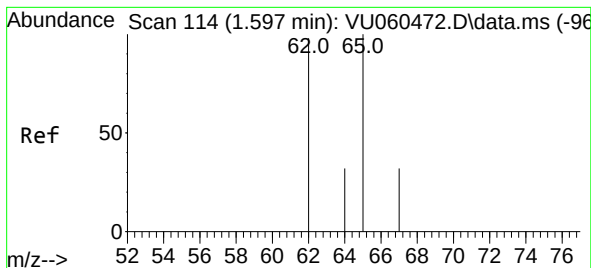
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Vinyl chloride

Concen: 0.032 ug/L

RT: 1.597 min Scan# 114

Delta R.T. 0.000 min

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Instrument :

MSVOA_U

ClientSampleId :

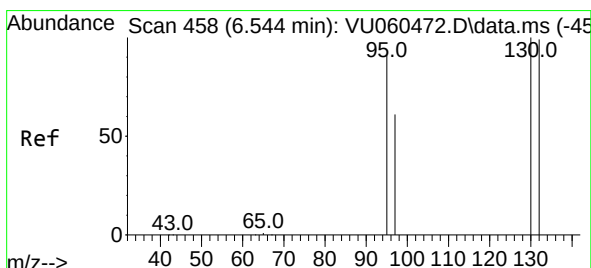
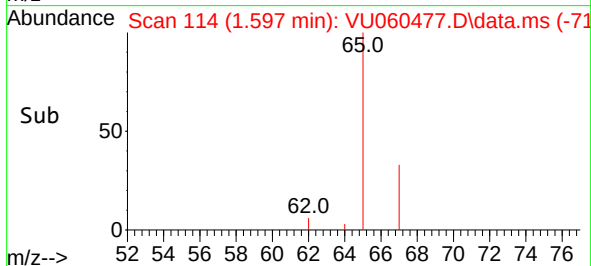
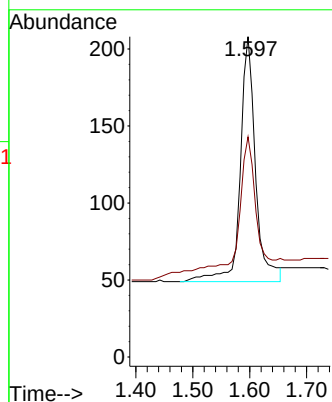
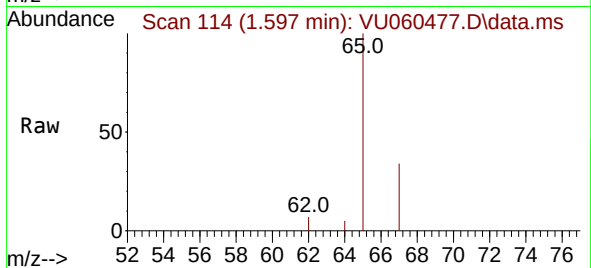
MDL-WATER-QT3-2024-05

Tgt Ion: 62 Resp: 296

Ion Ratio Lower Upper

62 100

64 68.8 23.9 44.3#



#6

Trichloroethene

Concen: 0.035 ug/L

RT: 6.544 min Scan# 458

Delta R.T. 0.000 min

Lab File: VU060477.D

Acq: 16 Aug 2024 16:51

Tgt Ion: 95 Resp: 179

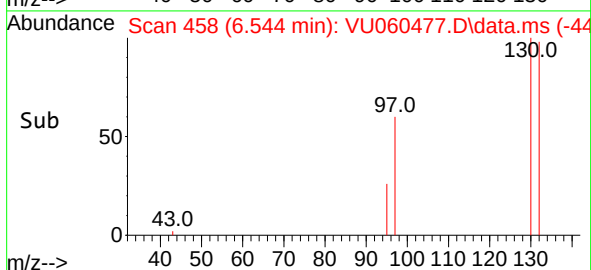
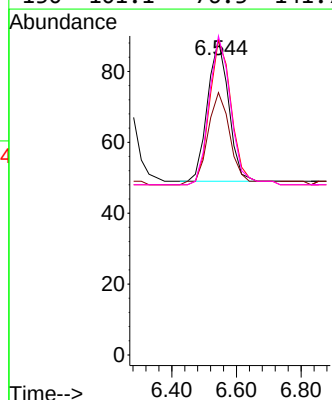
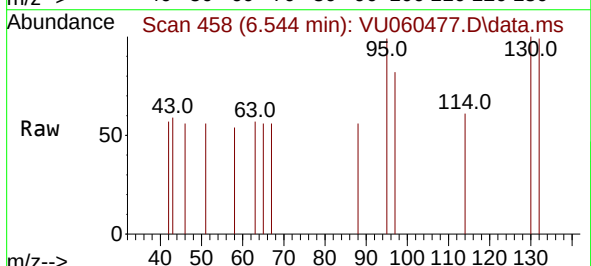
Ion Ratio Lower Upper

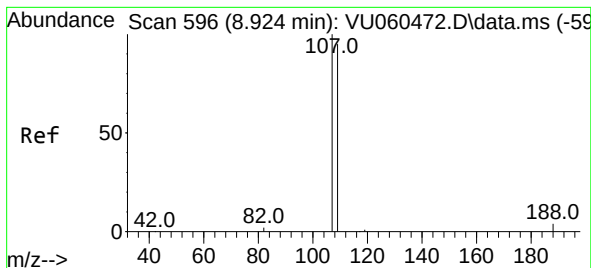
95 100

97 83.1 48.5 90.1

132 100.0 75.5 140.1

130 101.1 76.3 141.7





#9

1,2-Dibromoethane

Concen: 0.037 ug/L

RT: 8.924 min Scan# 596

Delta R.T. 0.000 min

Lab File: VU060477.D

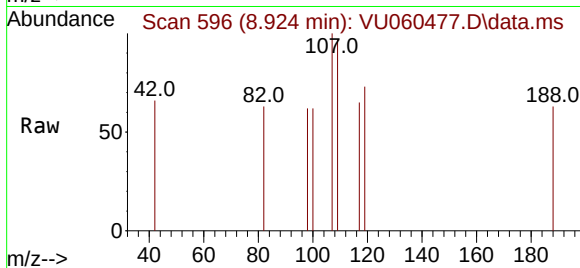
Acq: 16 Aug 2024 16:51

Instrument :

MSVOA_U

ClientSampleId :

MDL-WATER-QT3-2024-05



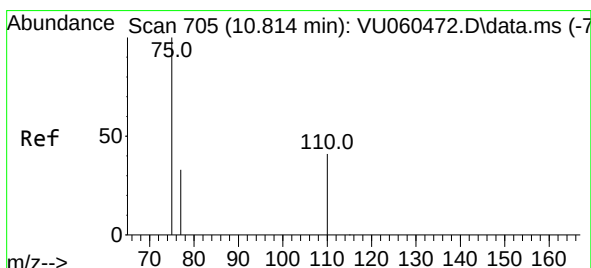
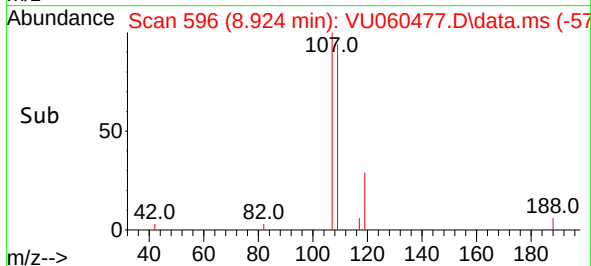
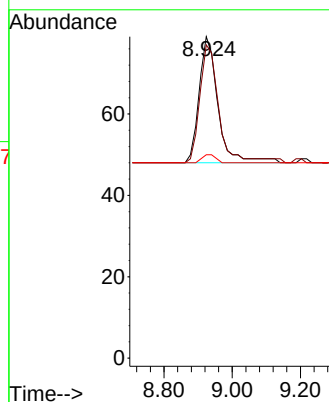
Tgt Ion:107 Resp: 119

Ion Ratio Lower Upper

107 100

109 97.5 66.5 123.5

188 63.3 9.6 14.4#



#12

1,2,3-Trichloropropane

Concen: 0.039 ug/L

RT: 10.814 min Scan# 705

Delta R.T. 0.000 min

Lab File: VU060477.D

Acq: 16 Aug 2024 16:51

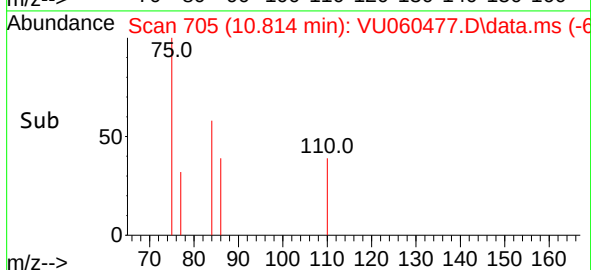
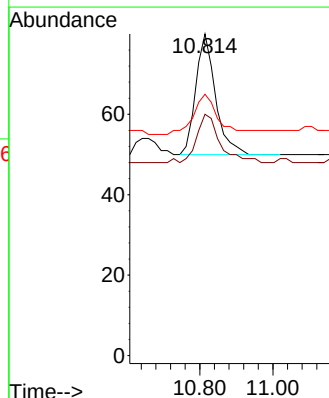
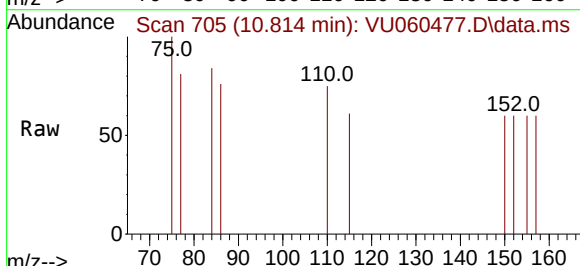
Tgt Ion: 75 Resp: 112

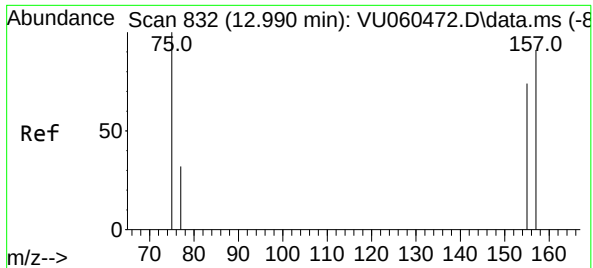
Ion Ratio Lower Upper

75 100

110 47.3 32.4 48.6

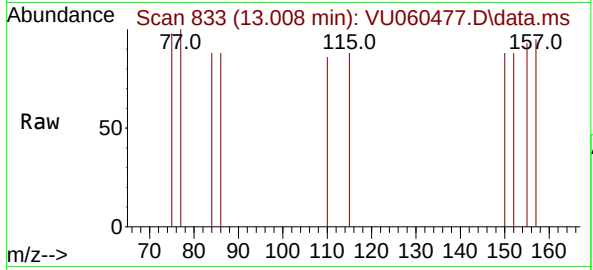
77 45.5 26.0 39.0#





#13
1,2-Dibromo-3-chloropropane
Concen: 0.034 ug/L
RT: 13.008 min Scan# 81
Delta R.T. 0.017 min
Lab File: VU060477.D
Acq: 16 Aug 2024 16:51

Instrument :
MSVOA_U
ClientSampleId :
MDL-WATER-QT3-2024-05



Tgt Ion:	75	Resp:	19
Ion	Ratio	Lower	Upper
75	100		
157	96.4	74.3	111.5
155	94.5	66.2	99.2

