

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121622\
 Data File : VU052424.D
 Acq On : 16 Dec 2022 10:07
 Operator : JC/MD
 Sample : VU1216WBL01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 16 21:11:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUSIM120122.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Dec 02 00:27:38 2022
 Response via : Initial Calibration

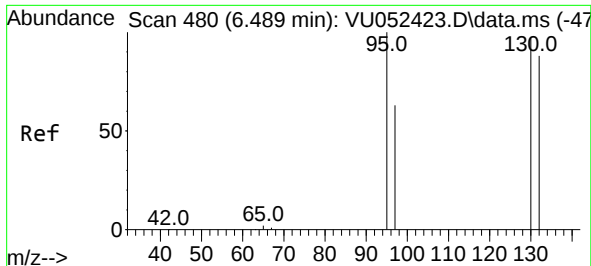
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.206	114	18411	0.500	ug/L	0.00
5) Chlorobenzene-d5	9.361	117	16490	0.500	ug/L	0.01
11) 1,4-Dichlorobenzene-d4	11.742	152	8080	0.500	ug/L	0.00
System Monitoring Compounds						
2) Vinyl Chloride-d3	1.598	65	10633	0.490	ug/L	0.00
Spiked Amount 0.500	Range 40 - 130		Recovery =	98.000%		
4) 1,2-Dichloroethane-d4	5.661	65	8927	0.434	ug/L	0.00
Spiked Amount 0.500	Range 70 - 130		Recovery =	86.000%		
7) 1,2-Dichloropropane-d6	6.639	67	10422	0.526	ug/L	0.00
Spiked Amount 0.500	Range 60 - 140		Recovery =	106.000%		
8) Toluene-d8	7.830	98	14452	0.484	ug/L	0.00
Spiked Amount 0.500	Range 70 - 130		Recovery =	96.000%		
10) 1,1,2,2-Tetrachloroeth...	10.679	84	10827	0.511	ug/L	0.00
Spiked Amount 0.500	Range 65 - 120		Recovery =	102.000%		
Target Compounds						
						Qvalue
6) Trichloroethene	6.489	95	307	0.017	ug/L	92
9) 1,2-Dibromoethane	8.866	107	104	0.007	ug/L #	90
12) 1,2,3-Trichloropropane	10.748	75	137	0.010	ug/L #	69
13) 1,2-Dibromo-3-chloropr...	12.924	75	59	0.022	ug/L #	80

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

The chromatogram displays the Total Ion Chromatogram (TIC) for the file VU052424.D\data.ms. The y-axis represents Abundance, ranging from 0 to 11000. The x-axis represents Time in minutes, ranging from 1.00 to 16.00. The following table lists the labeled compounds and their approximate retention times:

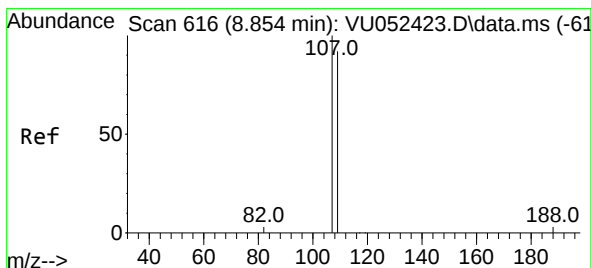
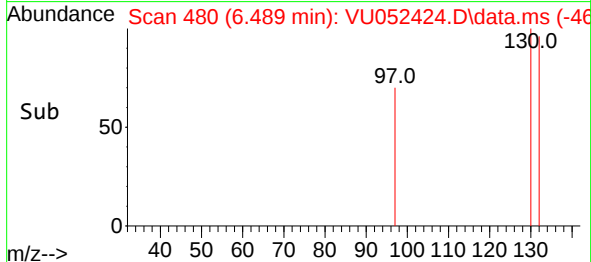
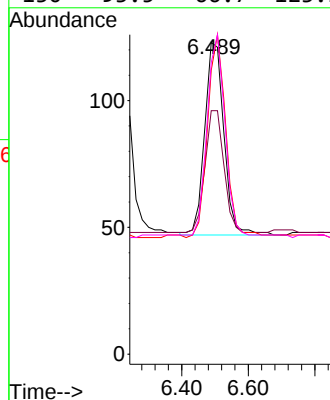
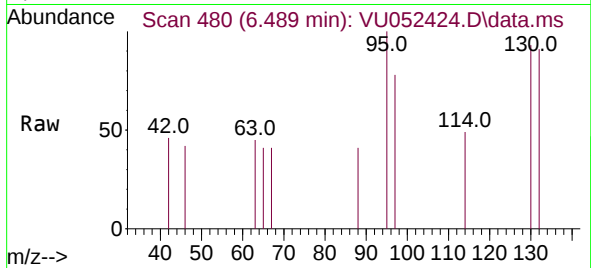
Compound	Retention Time (min)
Vinyl Chloride-d3, S	1.5
1,2-Dichloroethane-d4, S	5.7
1,4-Difluorobenzene, I	6.3
Trichloroethene, T	6.5
1,2-Dichloropropane-d6, S	6.6
Toluene-d8, S	7.8
1,2-Dibromoethane, T	9.2
Chlorobenzene-d5, I	9.4
1,1,2,2-Tetrachloroethane-d2, S	10.7
1,2,3-Trichloropropane	10.8
1,4-Dichlorobenzene-d4, I	11.7
1,2-Dibromo-3-chloropropane, T	12.1



#6
Trichloroethene
Concen: 0.017 ug/L
RT: 6.489 min Scan# 480
Delta R.T. -0.000 min
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Tgt Ion: 95 Resp: 307

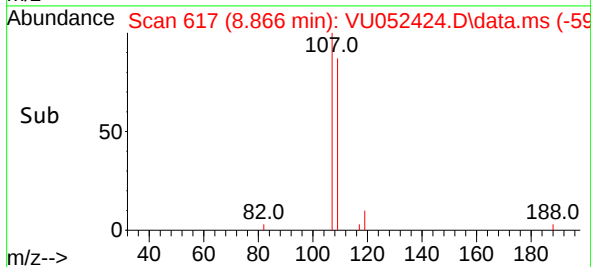
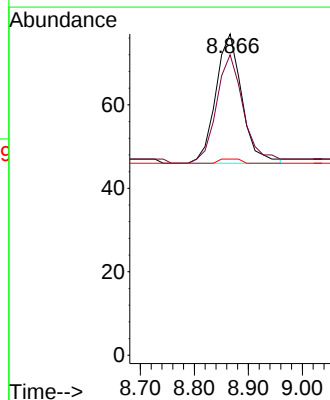
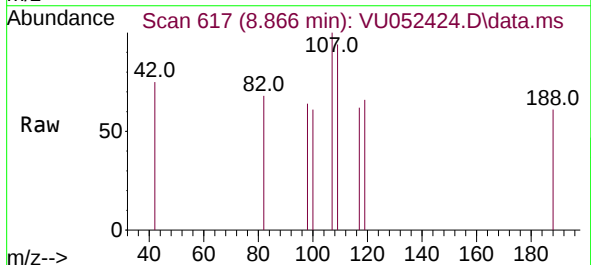
Ion	Ratio	Lower	Upper
95	100		
97	78.0	43.3	80.3
132	91.1	61.0	113.2
130	93.5	66.7	123.9

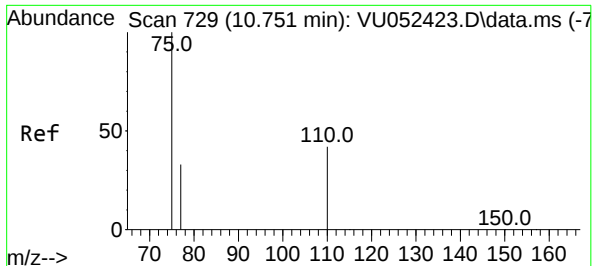


#9
1,2-Dibromoethane
Concen: 0.007 ug/L
RT: 8.866 min Scan# 617
Delta R.T. 0.012 min
Lab File: VU052424.D
Acq: 16 Dec 2022 10:07

Tgt Ion: 107 Resp: 104

Ion	Ratio	Lower	Upper
107	100		
109	93.5	64.8	120.3
188	61.0	4.3	6.5#





#12

1,2,3-Trichloropropane

Concen: 0.010 ug/L

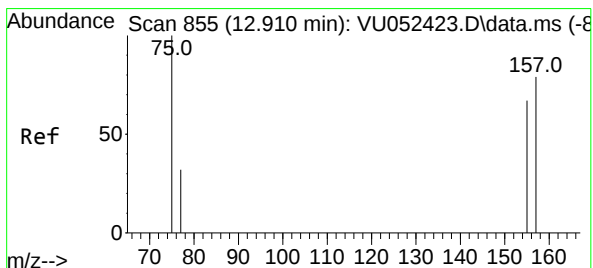
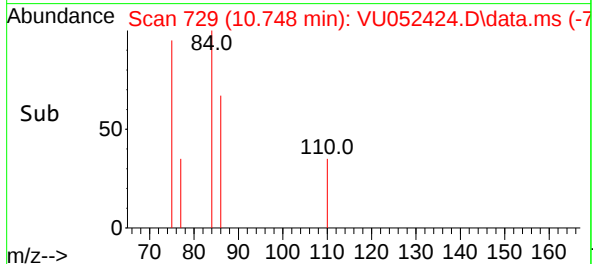
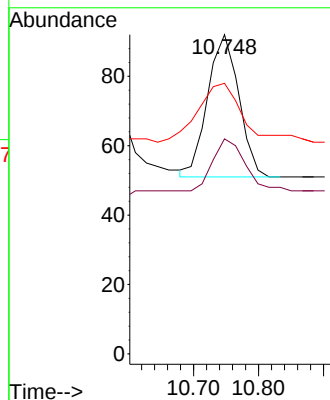
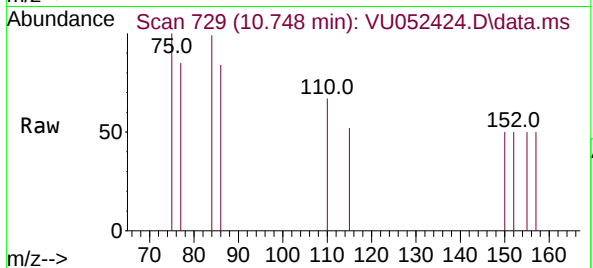
RT: 10.748 min Scan# 729

Delta R.T. -0.003 min

Lab File: VU052424.D

Acq: 16 Dec 2022 10:07

Tgt Ion:	75	Resp:	137
Ion	Ratio	Lower	Upper
75	100		
110	51.1	32.2	48.2#
77	59.9	26.8	40.2#



#13

1,2-Dibromo-3-chloropropane

Concen: 0.022 ug/L

RT: 12.924 min Scan# 856

Delta R.T. 0.014 min

Lab File: VU052424.D

Acq: 16 Dec 2022 10:07

Tgt Ion:	75	Resp:	59
Ion	Ratio	Lower	Upper
75	100		
157	92.6	62.8	94.2
155	88.2	54.4	81.6#

