

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102823\
 Data File : VU055977.D
 Acq On : 28 Oct 2023 16:29
 Operator : MD/SY
 Sample : 05114-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B61

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/30/2023
 Supervised By : Mahesh Dadoda 11/01/2023

Quant Time: Oct 30 04:55:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Oct 30 04:51:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	344058	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	346039	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	161904	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	114506	4.207	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	84.200%	
7) Chloroethane-d5	1.914	69	101208	4.771	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	95.400%	
11) 1,1-Dichloroethene-d2	2.567	65	51873	4.489	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	89.800%	
20) 2-Butanone-d5	4.628	46	251366	51.770	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	103.540%	
24) Chloroform-d	5.059	84	271190	5.377	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	107.600%	
26) 1,2-Dichloroethane-d4	5.698	65	117291	4.774	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.400%	
32) Benzene-d6	5.724	84	507657	4.925	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.600%	
36) 1,2-Dichloropropane-d6	6.686	67	152902	5.004	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	100.000%	
41) Toluene-d8	7.894	98	437359	4.677	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.600%	
43) trans-1,3-Dichloroprop...	8.177	79	53385	4.467	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	89.400%	
46) 2-Hexanone-d5	8.631	63	199972	65.916	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	131.840%#	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	112708	5.065	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	101.200%	
66) 1,2-Dichlorobenzene-d4	12.190	152	156985	5.197	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	104.000%	
Target Compounds					Qvalue	
13) Acetone	2.637	43	14173	5.122	ug/L	98
21) 2-Butanone	4.721	43	12189m	2.997	ug/L	
25) Chloroform	5.084	83	640360	17.790	ug/L	99
38) Bromodichloromethane	7.104	83	109033	4.283	ug/L	98
49) Dibromochloromethane	8.808	129	17933	1.146	ug/L	97

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

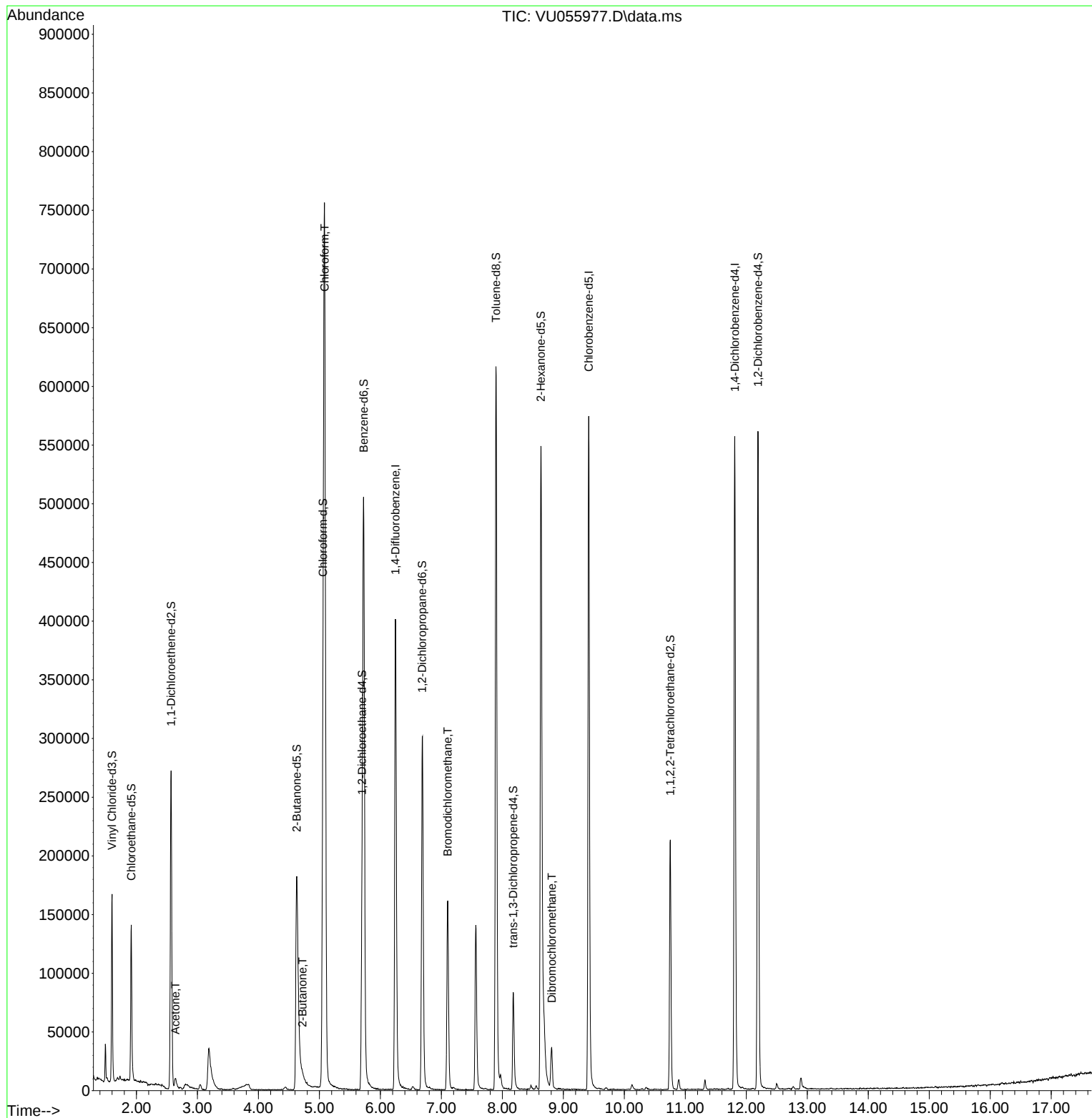
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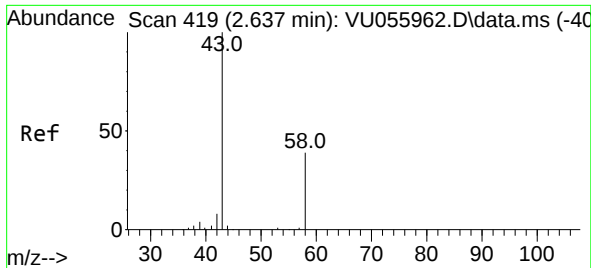
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#13

Acetone

Concen: 5.122 ug/L

RT: 2.637 min Scan# 41

Delta R.T. 0.000 min

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Instrument :

MSVOA_U

ClientSampleId :

C0B61

Tgt Ion: 43 Resp: 1417

Ion Ratio Lower Upper

43 100

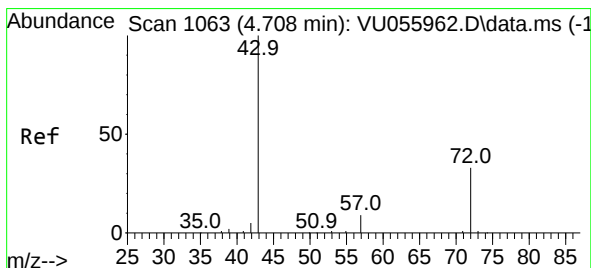
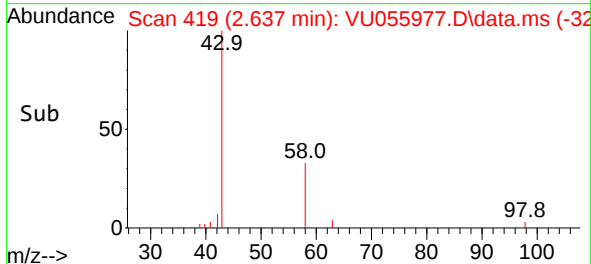
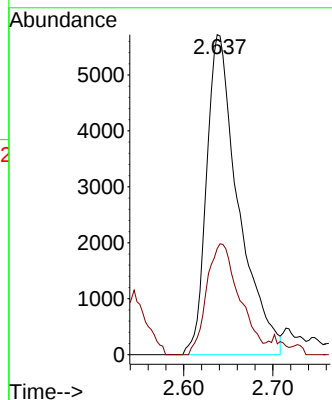
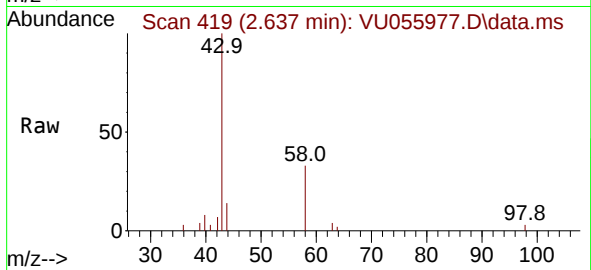
58 35.9 0.0 69.0

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#21

2-Butanone

Concen: 2.997 ug/L m

RT: 4.721 min Scan# 1067

Delta R.T. 0.013 min

Lab File: VU055977.D

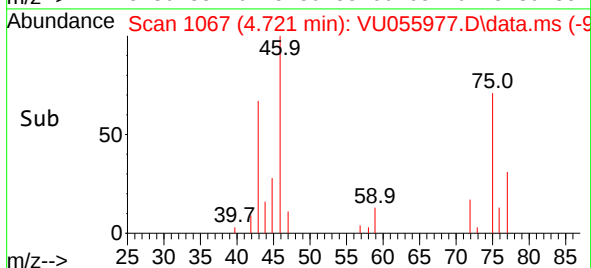
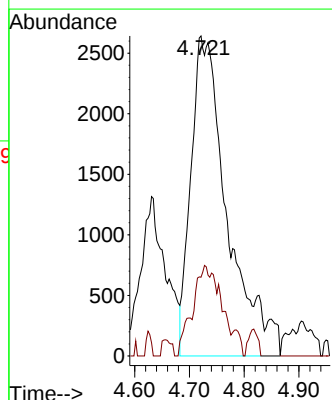
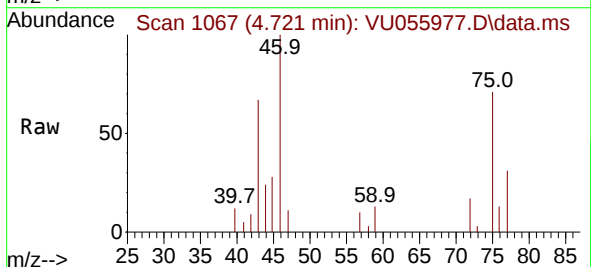
Acq: 28 Oct 2023 16:29

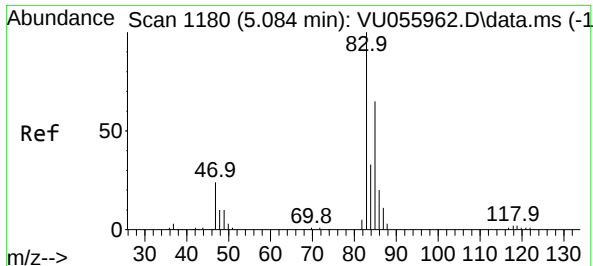
Tgt Ion: 43 Resp: 12189

Ion Ratio Lower Upper

43 100

72 13.2 14.4 43.4#





#25

Chloroform

Concen: 17.790 ug/L

RT: 5.084 min Scan# 1180

Delta R.T. 0.000 min

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Tgt Ion: 83 Resp: 640360

Ion Ratio Lower Upper

83 100

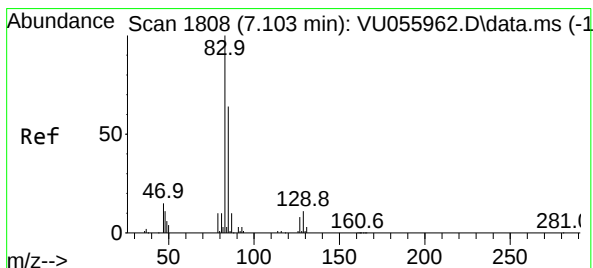
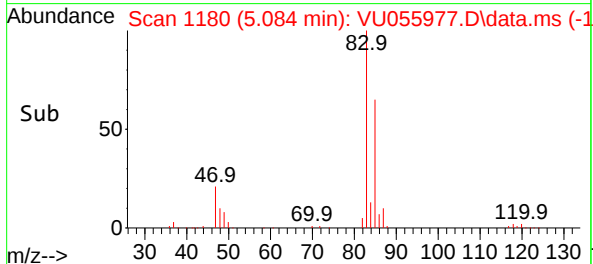
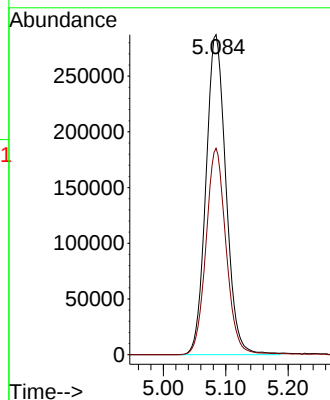
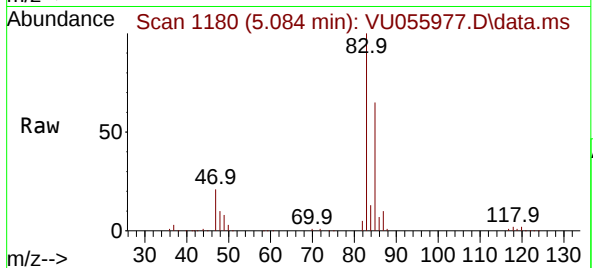
85 64.5 45.6 84.8

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#38

Bromodichloromethane

Concen: 4.283 ug/L

RT: 7.104 min Scan# 1808

Delta R.T. 0.000 min

Lab File: VU055977.D

Acq: 28 Oct 2023 16:29

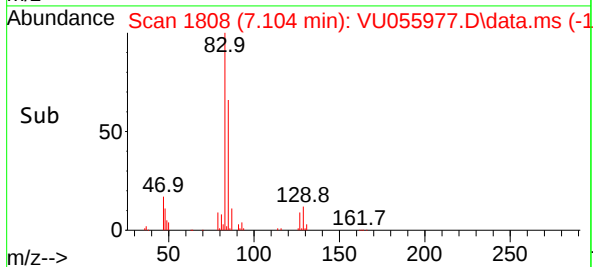
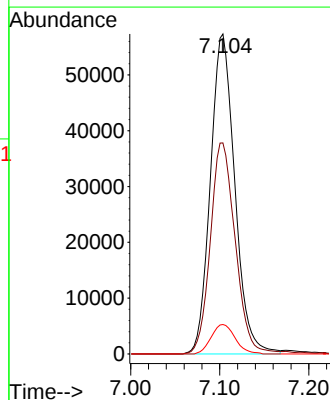
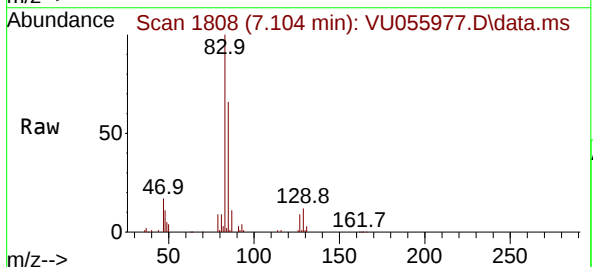
Tgt Ion: 83 Resp: 109033

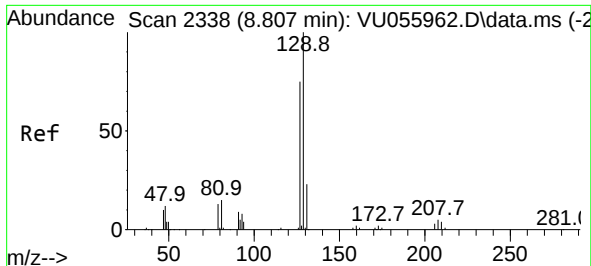
Ion Ratio Lower Upper

83 100

85 65.9 44.9 83.3

127 9.2 6.6 9.8





#49

Dibromochloromethane

Concen: 1.146 ug/L

RT: 8.808 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU055977.D

Acq: 28 Oct 2023 16:29

Instrument :

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ClientSampleId :

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Tgt Ion:129 Resp: 1793

Ion Ratio Lower Upper

129 100

127 78.7 53.5 99.5

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