Quantitation Report (Qedit)

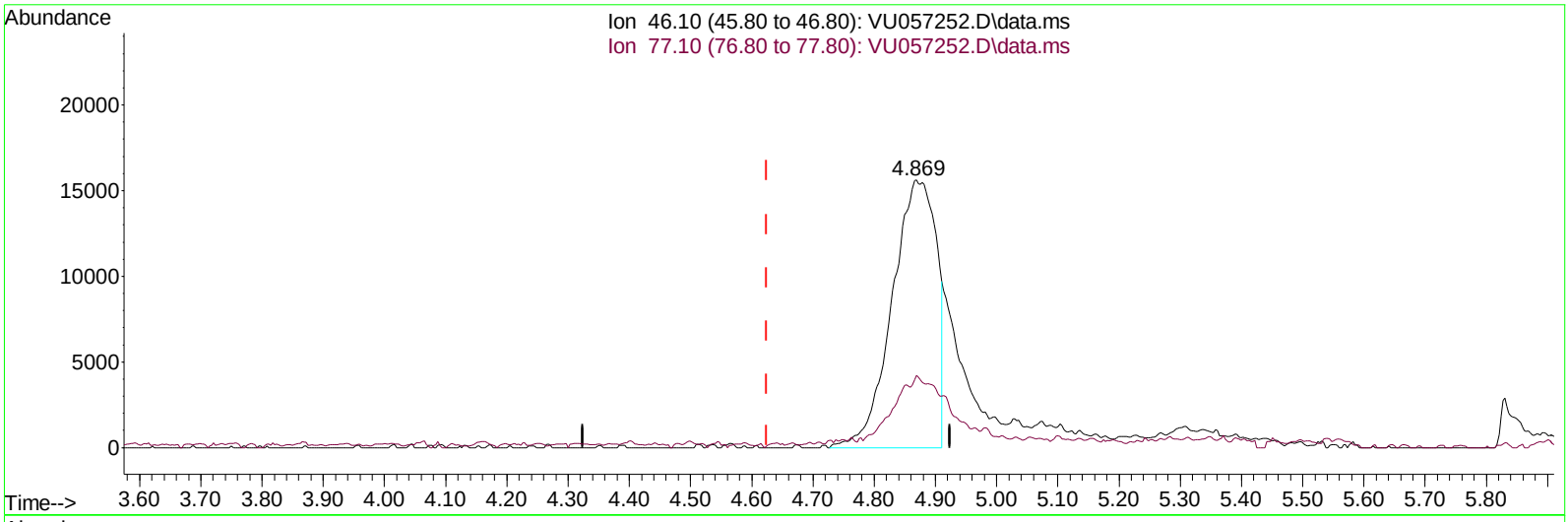
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122623\
Data File : VU057252.D
Acq On : 26 Dec 2023 22:25
Operator : MD/SY
Sample : 05976-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

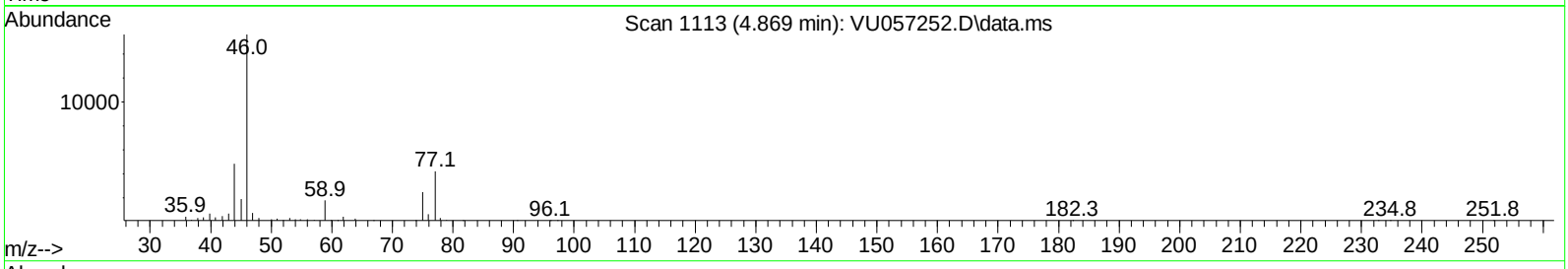
Quant Time: Dec 26 23:45:30 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122123WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Dec 26 23:39:51 2023
Response via : Initial Calibration

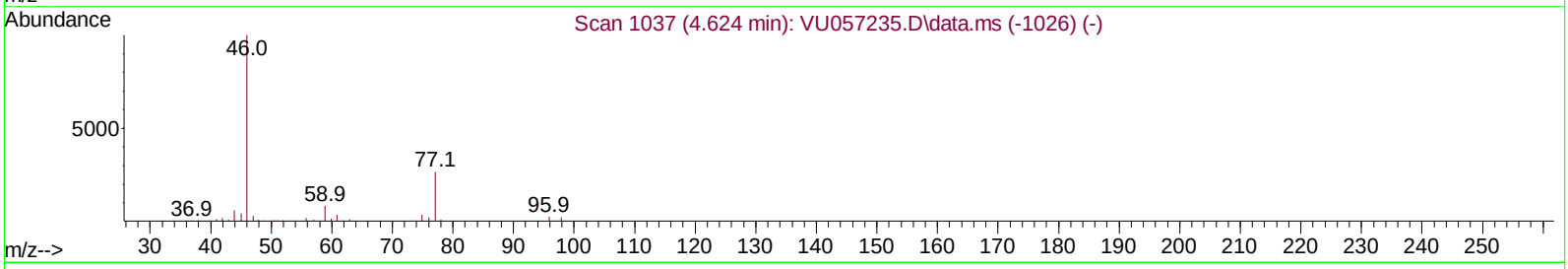
Instrument :
MSVOA_U
ClientSampleId :
BH7X4

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 12/29/2023
Supervised By :Mahesh Dadoda 12/29/2023







TIC: VU057252.D\data.ms

(20) 2-Butanone-d5 (S)

4.869min (+ 0.244) 37.95 ug/L

response 78723

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	27.70	4.44#
0.00	0.00	0.00
0.00	0.00	0.00

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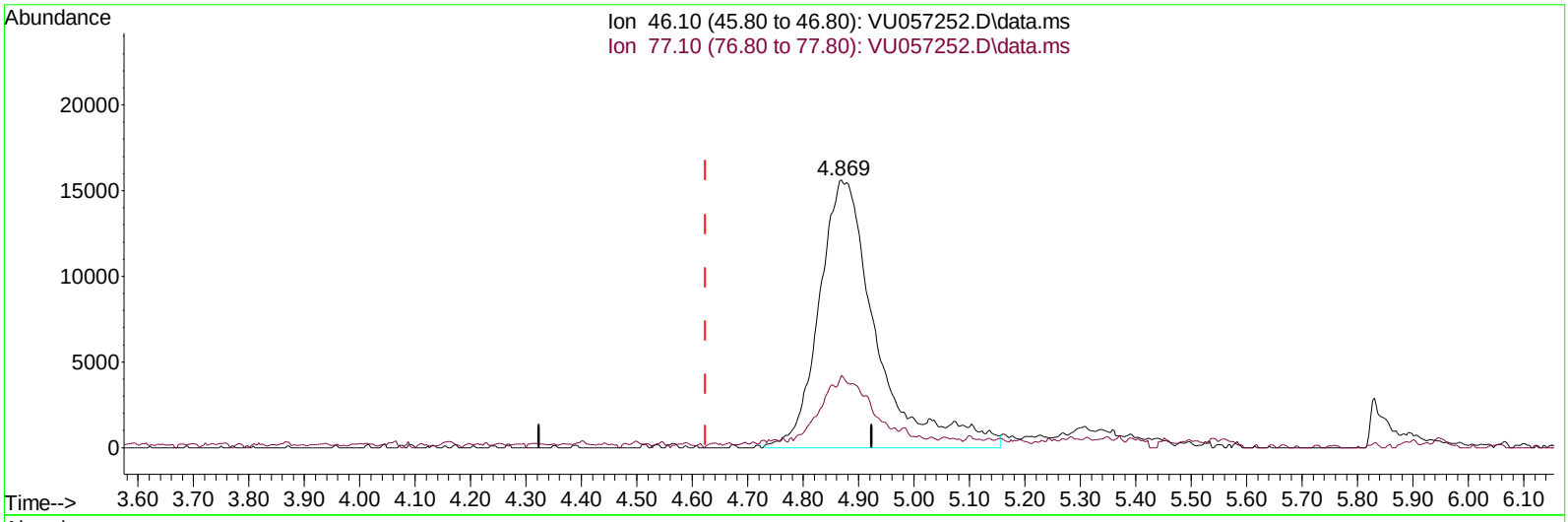

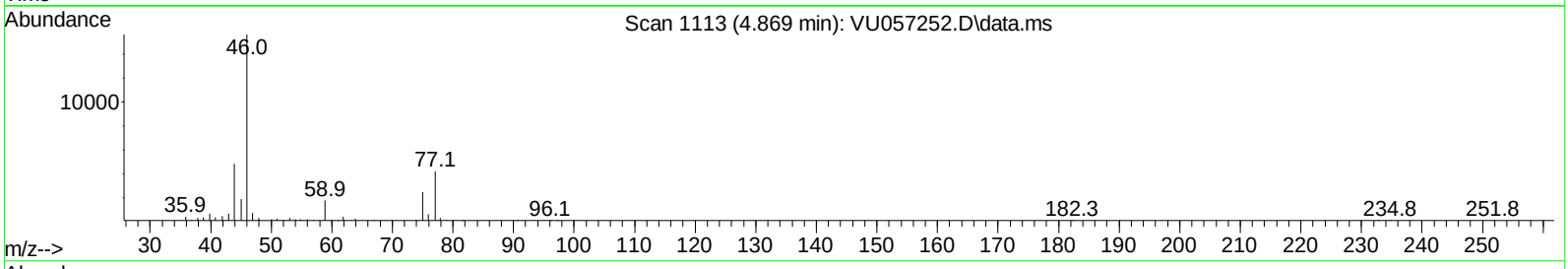

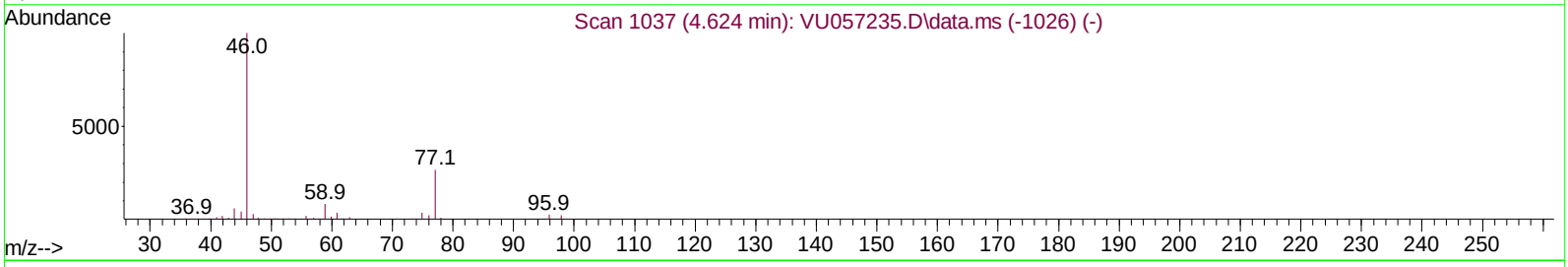

TIC: VU057252.D\data.ms

(20) 2-Butanone-d5 (S)

4.869min (+ 0.244) 54.10 ug/L m

response 112221

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	27.70	3.11#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.386	114	138222	5.000	ug/L	0.14
28) Chlorobenzene-d5	9.447	117	155663	5.000	ug/L	0.04
58) 1,4-Dichlorobenzene-d4	11.817	152	70334	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.686	65	90331	6.837	ug/L	0.09
Spiked Amount 5.000	Range 40 - 130		Recovery = 136.800%#			
7) Chloroethane-d5	2.033	69	58356	5.366	ug/L	0.12
Spiked Amount 5.000	Range 65 - 130		Recovery = 107.400%			
11) 1,1-Dichloroethene-d2	2.721	65	31851	5.565	ug/L	0.16
Spiked Amount 5.000	Range 60 - 125		Recovery = 111.200%			
20) 2-Butanone-d5	4.869	46	112221m	54.101	ug/L	0.24
Spiked Amount 50.000	Range 40 - 130		Recovery = 108.200%			
24) Chloroform-d	5.197	84	115117	4.512	ug/L	0.14
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.200%			
26) 1,2-Dichloroethane-d4	5.869	65	62862	5.170	ug/L	0.17
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.400%			
32) Benzene-d6	5.888	84	245278	4.594	ug/L	0.17
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.800%			
36) 1,2-Dichloropropane-d6	6.808	67	75061	4.940	ug/L	0.12
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.800%			
41) Toluene-d8	7.965	98	177882	3.649	ug/L	0.07
Spiked Amount 5.000	Range 70 - 130		Recovery = 73.000%			
43) trans-1,3-Dichloroprop...	8.235	79	25288	3.998	ug/L	0.06
Spiked Amount 5.000	Range 55 - 130		Recovery = 80.000%			
46) 2-Hexanone-d5	8.685	63	95636	44.412	ug/L	0.06
Spiked Amount 50.000	Range 45 - 130		Recovery = 88.820%			
56) 1,1,2,2-Tetrachloroeth...	10.766	84	55296	5.115	ug/L	0.02
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.200%			
66) 1,2-Dichlorobenzene-d4	12.196	152	69694	4.605	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 92.000%			
Target Compounds						Qvalue
42) Toluene	8.033	91	18416	0.352	ug/L	99

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

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