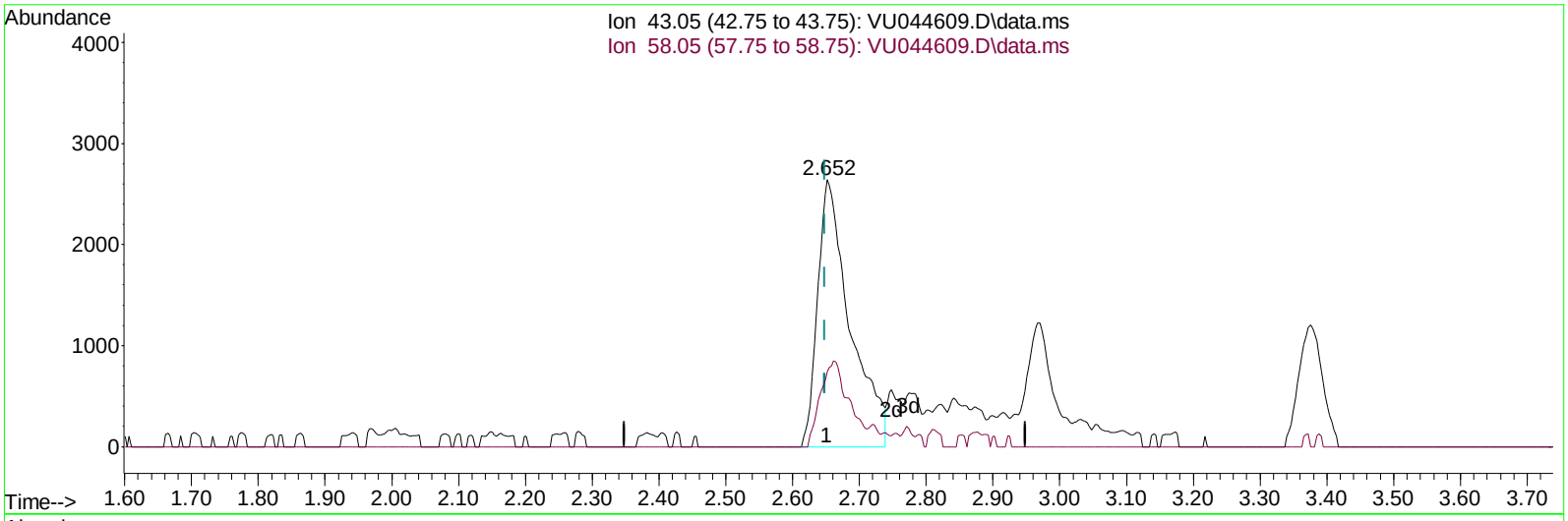
Quantitation Report (Qedit)

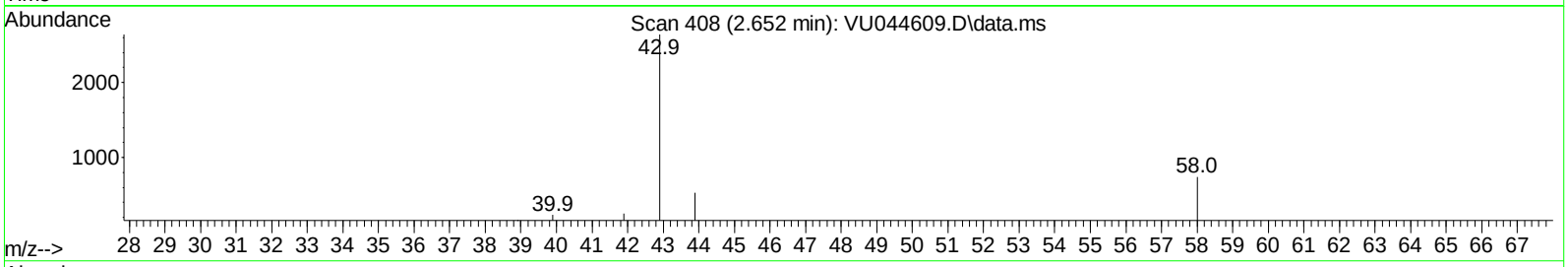
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090921\
Data File : VU044609.D
Acq On : 09 Sep 2021 12:38
Operator : SY/MD
Sample : VSTD0.521
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

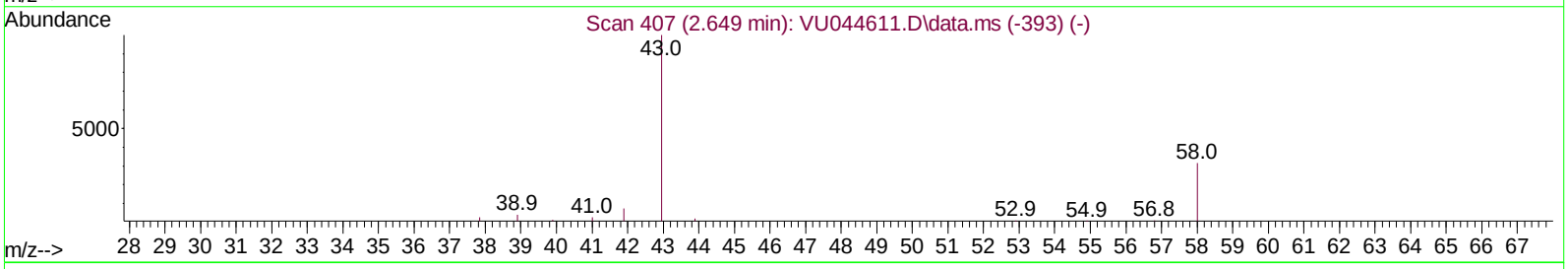
Quant Time: Sep 10 01:06:12 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090921WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Sep 10 01:05:30 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5021

Manual Integrations APPROVED
MMDadoda
9/10/2021 10:50:05 AM







TIC: VU044609.D\data.ms

(13) Acetone (T)

2.652min (+ 0.003) 3.19 ug/L

response 8894

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	21.20	28.04
0.00	0.00	0.00
0.00	0.00	0.00

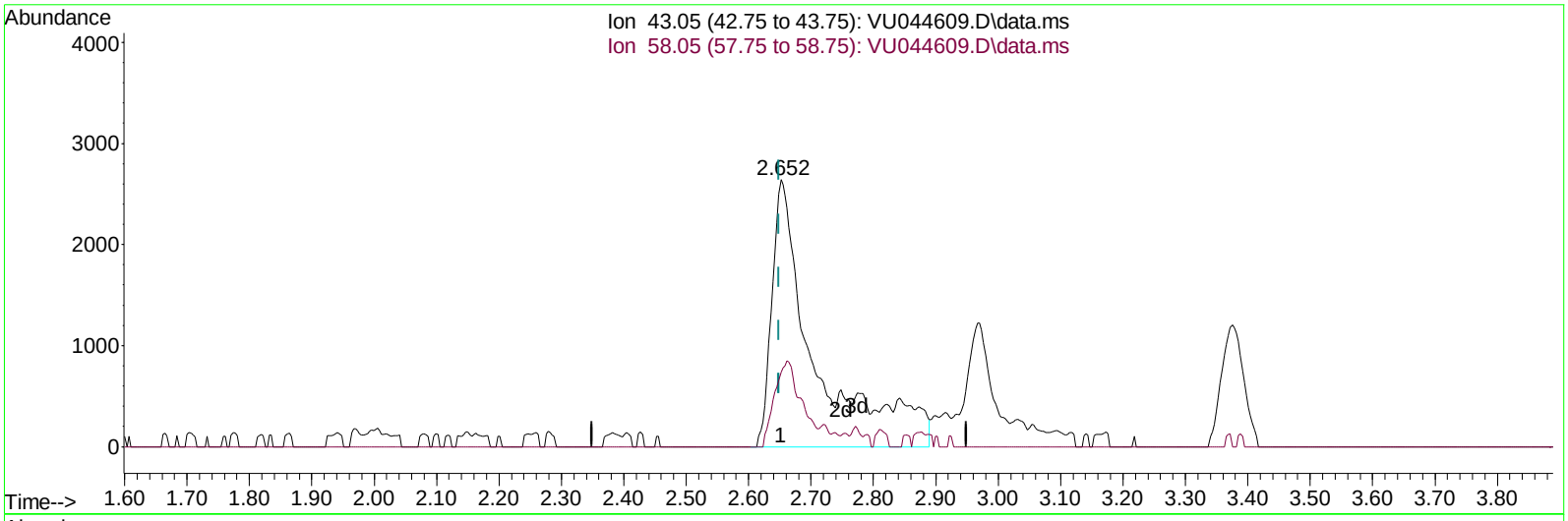
Quantitation Report (Qedit)

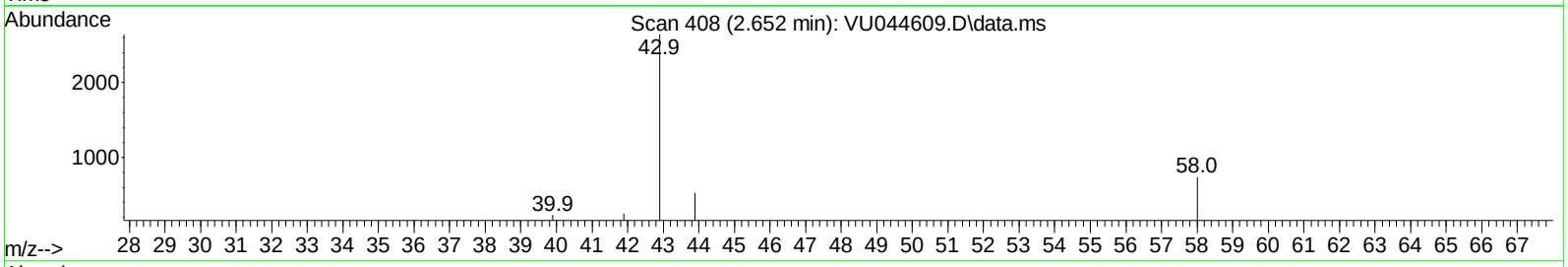
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090921\
Data File : VU044609.D
Acq On : 09 Sep 2021 12:38
Operator : SY/MD
Sample : VSTD0.521
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

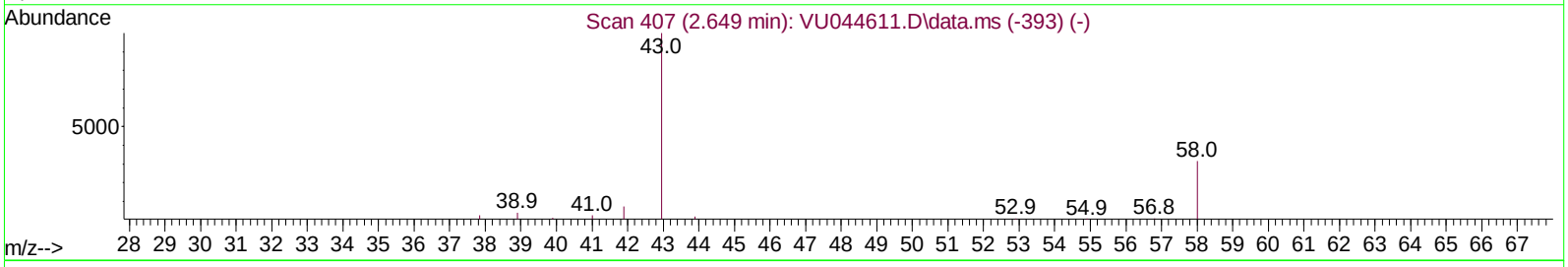
Quant Time: Sep 10 01:06:12 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090921WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Sep 10 01:05:30 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5021

Manual Integrations APPROVED
MMDadoda
9/10/2021 10:50:05 AM







TIC: VU044609.D\data.ms

(13) Acetone (T)

2.652min (+ 0.003) 4.54 ug/L m

response 12664

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	21.20	19.69
0.00	0.00	0.00
0.00	0.00	0.00

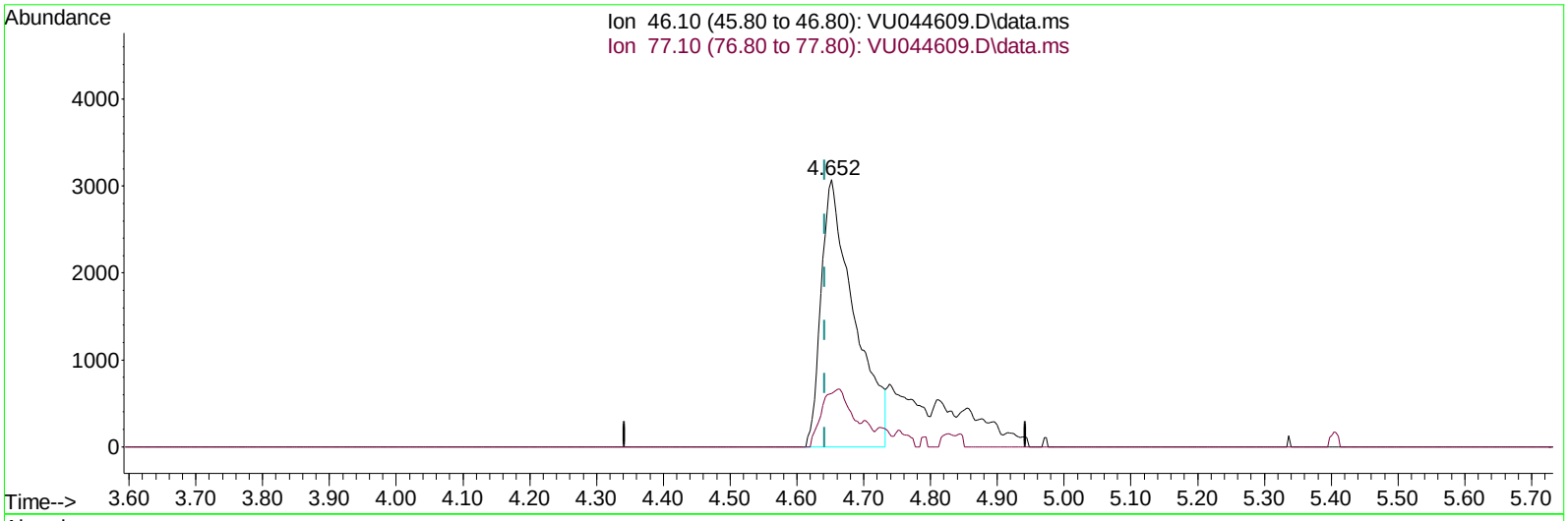
Quantitation Report (Qedit)

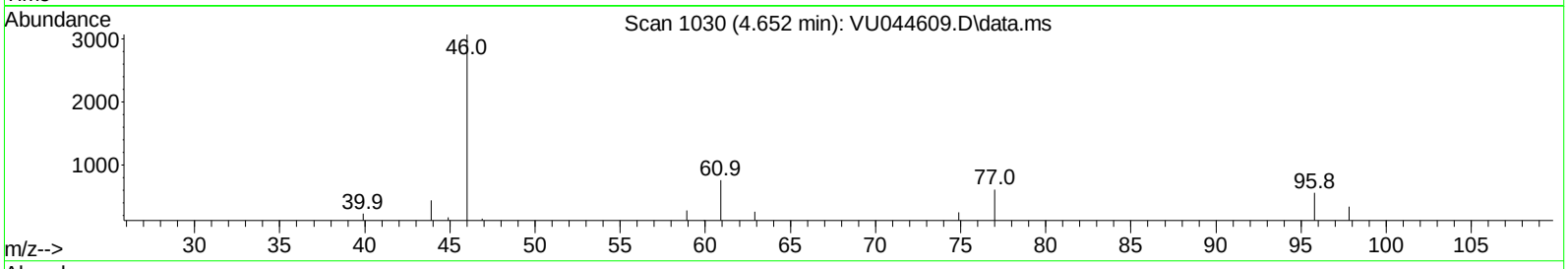
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090921\
Data File : VU044609.D
Acq On : 09 Sep 2021 12:38
Operator : SY/MD
Sample : VSTD0.521
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

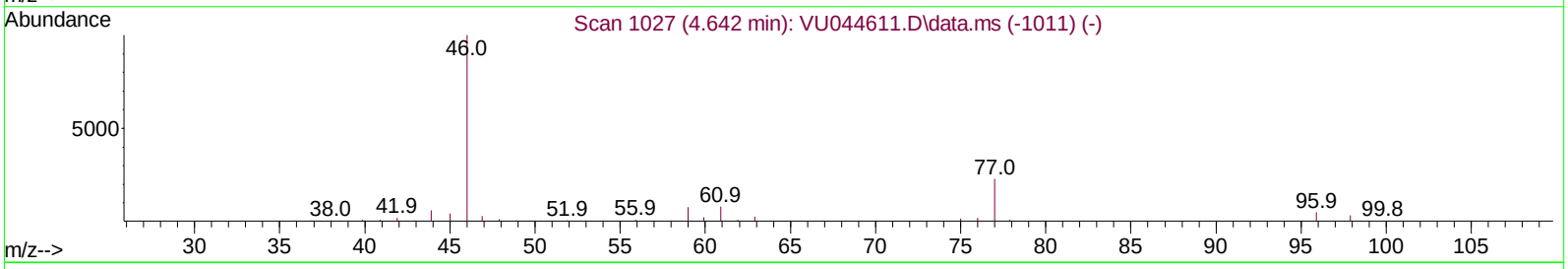
Quant Time: Sep 10 01:06:12 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090921WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Sep 10 01:05:30 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5021

Manual Integrations APPROVED
MMDadoda
9/10/2021 10:50:05 AM







TIC: VU044609.D\data.ms

(20) 2-Butanone-d5 (S)

4.652min (+ 0.009) 3.03 ug/L

response 10556

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	17.40	18.88
0.00	0.00	0.00
0.00	0.00	0.00

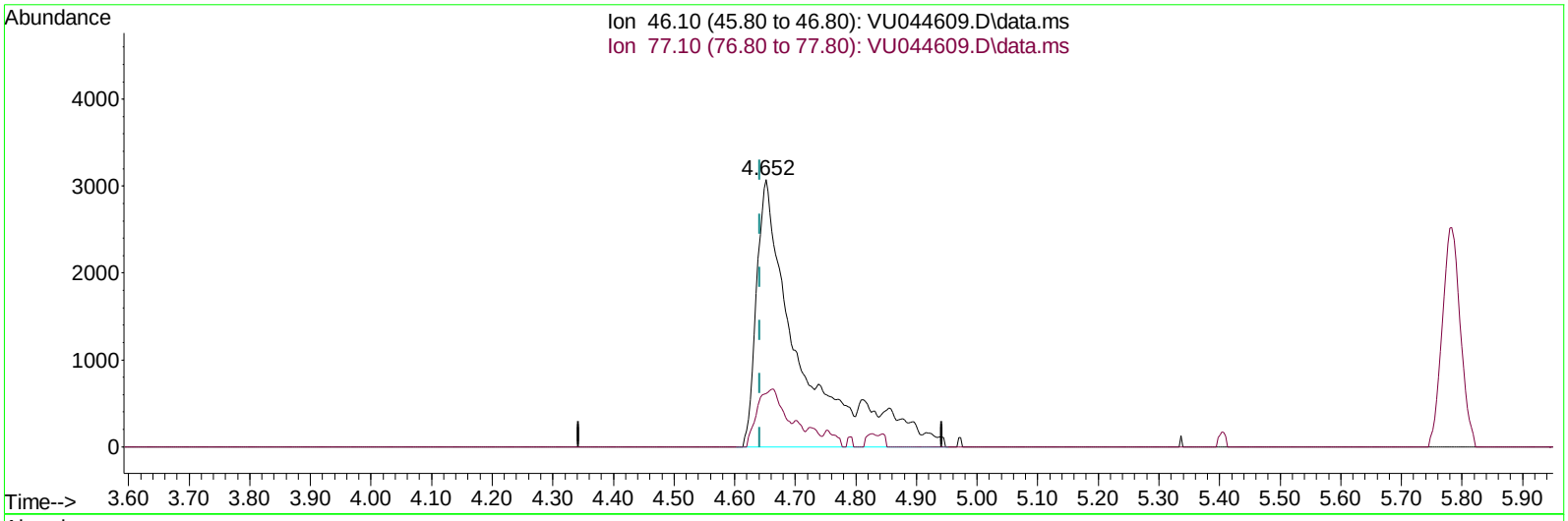
Quantitation Report (Qedit)

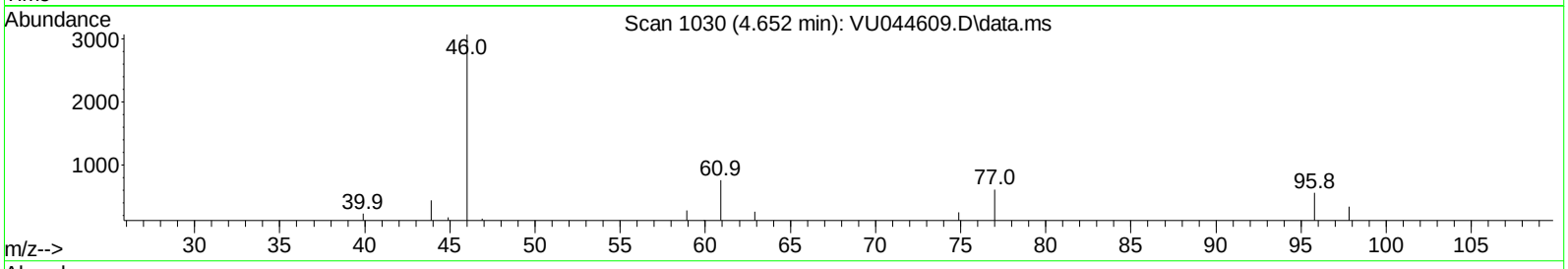
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090921\
Data File : VU044609.D
Acq On : 09 Sep 2021 12:38
Operator : SY/MD
Sample : VSTD0.521
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

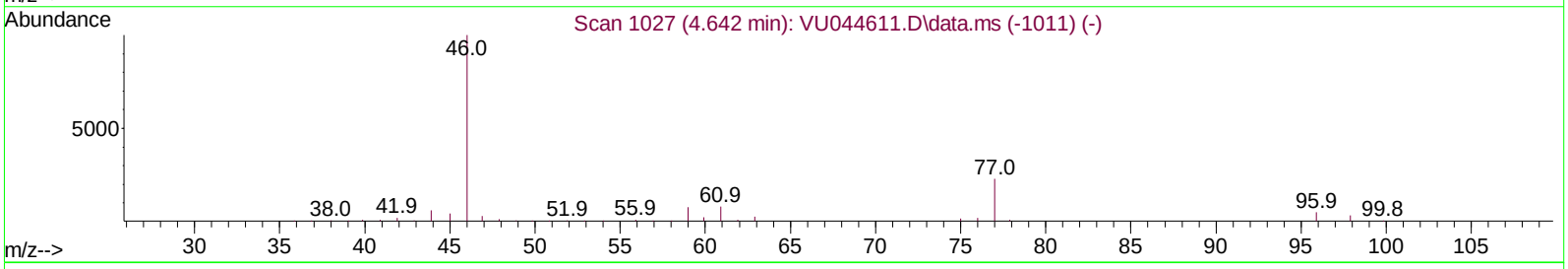
Quant Time: Sep 10 01:06:12 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090921WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Sep 10 01:05:30 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5021

Manual Integrations APPROVED
MMDadoda
9/10/2021 10:50:05 AM







TIC: VU044609.D\data.ms

(20) 2-Butanone-d5 (S)

4.652min (+ 0.009) 4.42 ug/L m

response 15393

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	17.40	12.95
0.00	0.00	0.00
0.00	0.00	0.00

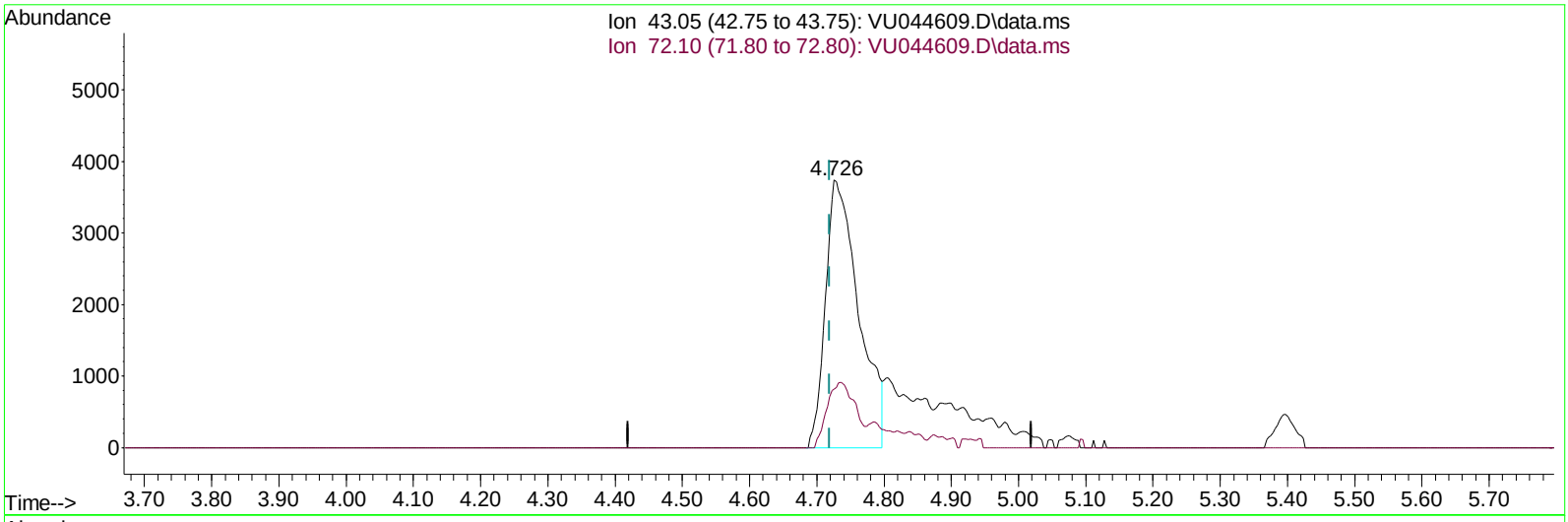
Quantitation Report (Qedit)

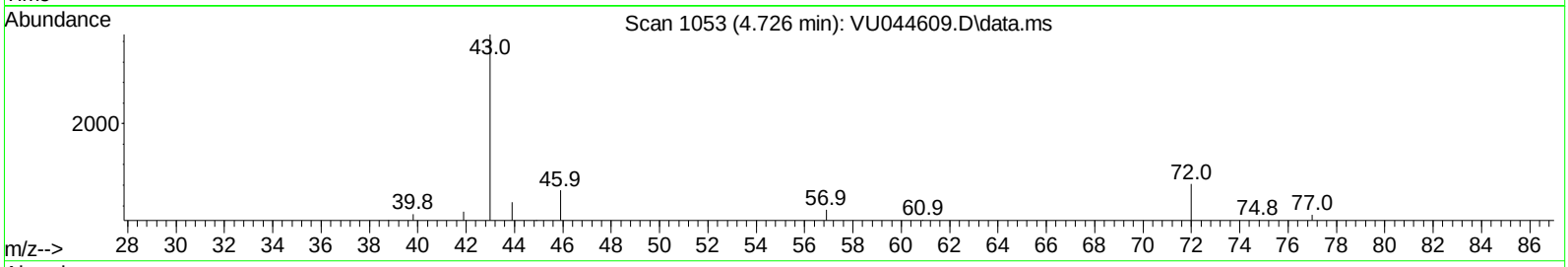
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090921\
Data File : VU044609.D
Acq On : 09 Sep 2021 12:38
Operator : SY/MD
Sample : VSTD0.521
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

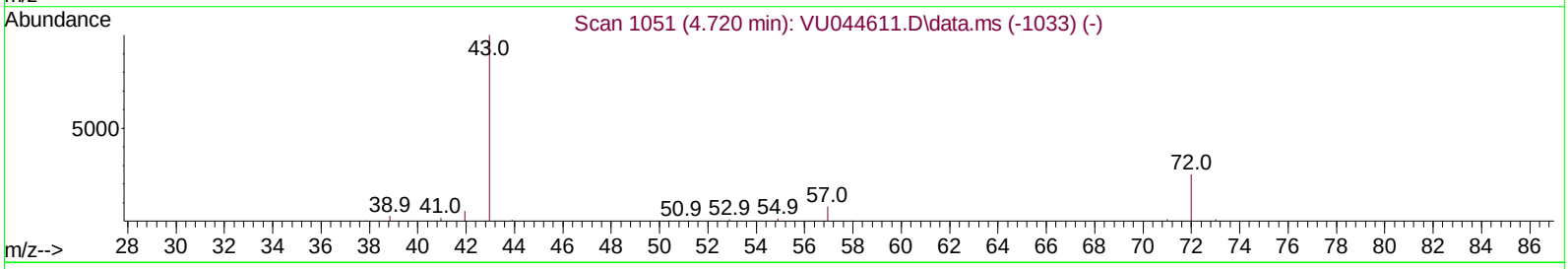
Quant Time: Sep 10 01:06:12 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090921WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Sep 10 01:05:30 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5021

Manual Integrations APPROVED
MMDadoda
9/10/2021 10:50:05 AM







TIC: VU044609.D\data.ms

(21) 2-Butanone (T)

4.726min (+ 0.006) 3.17 ug/L

response 12803

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	18.30	20.59
0.00	0.00	0.00
0.00	0.00	0.00

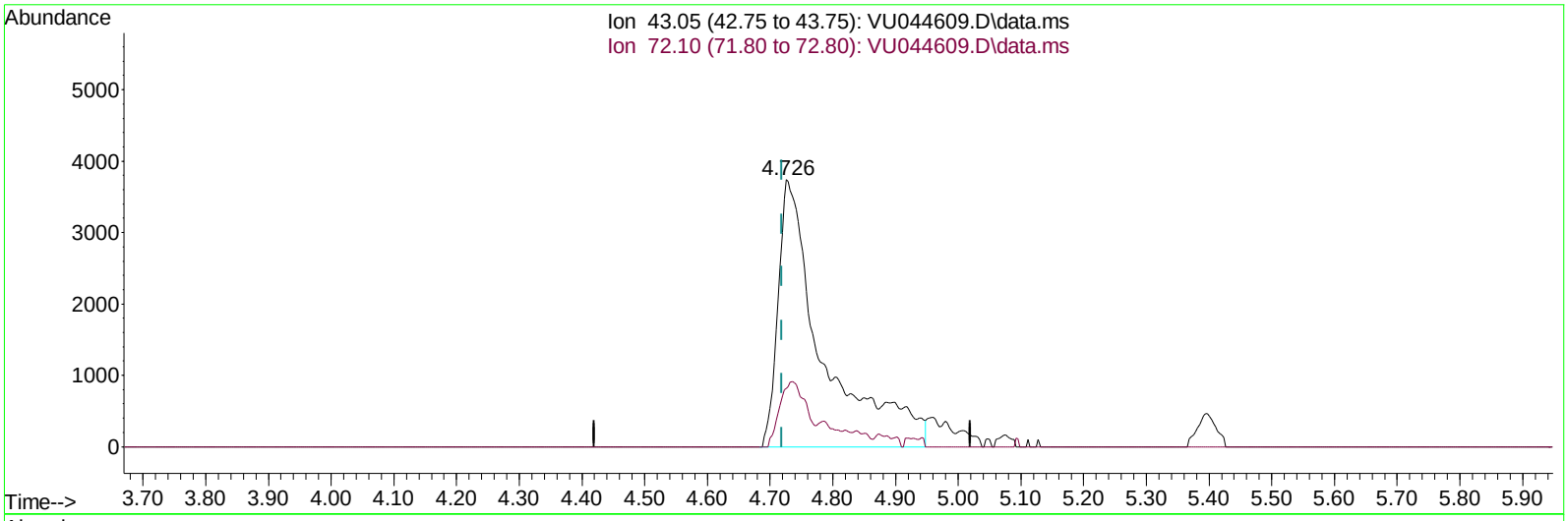
Quantitation Report (Qedit)

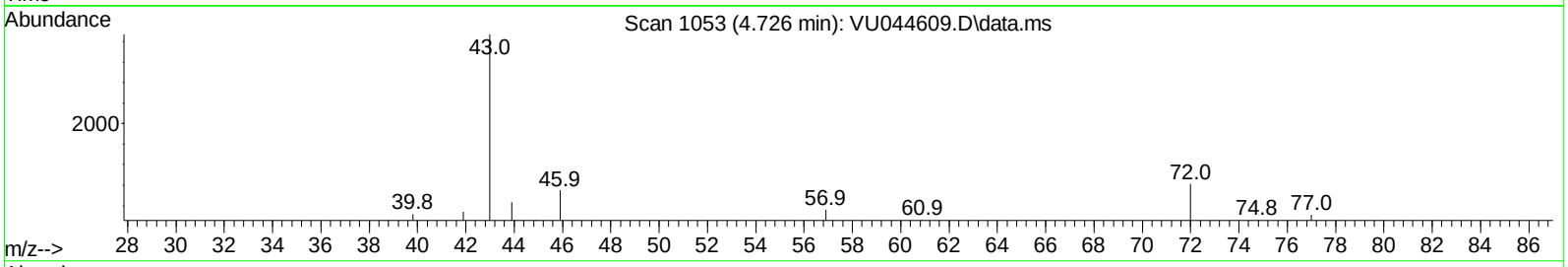
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090921\
Data File : VU044609.D
Acq On : 09 Sep 2021 12:38
Operator : SY/MD
Sample : VSTD0.521
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

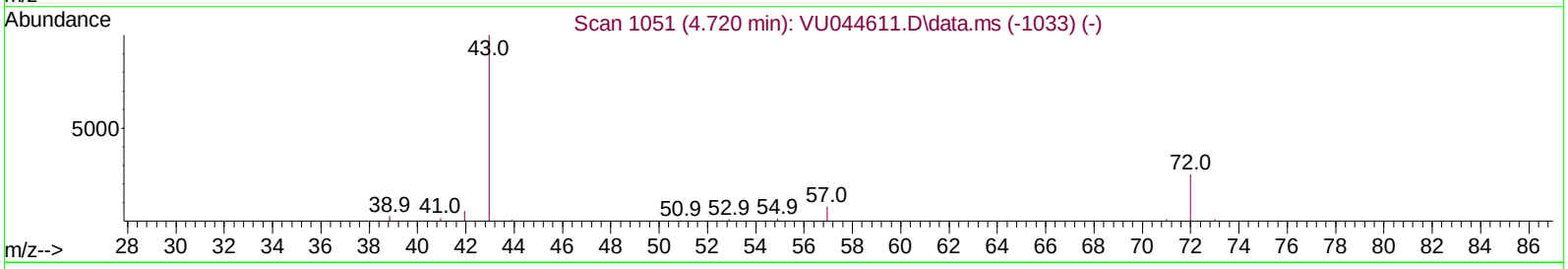
Quant Time: Sep 10 01:06:12 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090921WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Sep 10 01:05:30 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5021

Manual Integrations APPROVED
MMDadoda
9/10/2021 10:50:05 AM







TIC: VU044609.D\data.ms

(21) 2-Butanone (T)

4.726min (+ 0.006) 4.58 ug/L m

response 18484

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	18.30	14.26
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090921\
Data File : VU044609.D
Acq On : 09 Sep 2021 12:38
Operator : SY/MD
Sample : VSTD0.521
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5021

Manual Integrations APPROVED
MMDadoda
9/10/2021 10:50:05 AM

Quant Time: Sep 10 01:06:12 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090921WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Sep 10 01:05:30 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene	6.256	114	150965	5.000	ug/L		0.00
28) Chlorobenzene-d5	9.423	117	152434	5.000	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	74834	5.000	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.604	65	3986	0.338	ug/L		0.00
7) Chloroethane-d5	1.919	69	4431	0.424	ug/L		0.00
11) 1,1-Dichloroethene-d2	2.571	65	2126	0.413	ug/L		0.00
20) 2-Butanone-d5	4.652	46	15393m	4.416	ug/L		0.00
24) Chloroform-d	5.070	84	8461	0.401	ug/L		0.00
26) 1,2-Dichloroethane-d4	5.713	65	5045	0.427	ug/L		0.00
32) Benzene-d6	5.735	84	17011	0.396	ug/L		0.00
36) 1,2-Dichloropropane-d6	6.700	67	5506	0.400	ug/L		0.00
41) Toluene-d8	7.906	98	14464	0.380	ug/L		0.00
43) trans-1,3-Dichloroprop...	8.189	79	1846	0.374	ug/L		0.00
46) 2-Hexanone-d5	8.648	63	10834	3.937	ug/L		0.00
56) 1,1,2,2-Tetrachloroeth...	10.764	84	4674	0.400	ug/L		0.00
66) 1,2-Dichlorobenzene-d4	12.198	152	5511	0.434	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.388	85	6029	0.406	ug/L		100
3) Chloromethane	1.523	50	7829	0.405	ug/L		95
5) Vinyl chloride	1.607	62	8077	0.447	ug/L		99
6) Bromomethane	1.864	94	3883	0.397	ug/L		98
8) Chloroethane	1.938	64	5151	0.461	ug/L		98
9) Trichlorofluoromethane	2.144	101	8208	0.397	ug/L		96
10) 1,1,2-Trichloro-1,2,2-...	2.591	101	5098	0.441	ug/L		98
12) 1,1-Dichloroethene	2.587	96	5016	0.444	ug/L		92
13) Acetone	2.652	43	12664m	4.544	ug/L		
14) Carbon disulfide	2.800	76	15113	0.416	ug/L		99
15) Methyl Acetate	2.970	43	2186	0.497	ug/L	#	83
16) Methylene chloride	3.054	84	17081	0.979	ug/L		99
17) Methyl tert-butyl Ether	3.372	73	12982	0.442	ug/L		97
18) trans-1,2-Dichloroethene	3.366	96	5134	0.435	ug/L		89
19) 1,1-Dichloroethane	3.883	63	10583	0.457	ug/L		98
21) 2-Butanone	4.726	43	18484m	4.583	ug/L		
22) cis-1,2-Dichloroethene	4.677	96	5420	0.430	ug/L		98
23) Bromochloromethane	4.983	128	2441	0.445	ug/L		92
25) Chloroform	5.099	83	12136	0.504	ug/L		96
27) 1,2-Dichloroethane	5.803	62	7535	0.479	ug/L		99
29) 1,1,1-Trichloroethane	5.327	97	8532	0.456	ug/L		97
30) Cyclohexane	5.398	56	8730	0.420	ug/L		99
31) Carbon tetrachloride	5.533	117	6302	0.413	ug/L		96
33) Benzene	5.784	78	22197	0.436	ug/L		100
34) Trichloroethene	6.549	95	5614	0.445	ug/L		94
35) Methylcyclohexane	6.771	83	8450	0.405	ug/L		96
37) 1,2-Dichloropropane	6.800	63	6174	0.462	ug/L		99
38) Bromodichloromethane	7.115	83	7372	0.452	ug/L		98
39) cis-1,3-Dichloropropene	7.616	75	7628	0.407	ug/L		100
40) 4-Methyl-2-pentanone	7.806	43	41840	4.508	ug/L		99
42) Toluene	7.976	91	22032	0.414	ug/L		97

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ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5021

Manual Integrations APPROVED
MMDadoda
9/10/2021 10:50:05 AM

Quant Time: Sep 10 01:06:12 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090921WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Sep 10 01:05:30 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) trans-1,3-Dichloropropene	8.217	75	6663	0.418	ug/L		87
45) 1,1,2-Trichloroethane	8.407	97	4267	0.449	ug/L		95
47) Tetrachloroethene	8.558	164	4044	0.462	ug/L		95
48) 2-Hexanone	8.700	43	30916	4.623	ug/L		96
49) Dibromochloromethane	8.819	129	4237	0.423	ug/L		99
50) 1,2-Dibromoethane	8.931	107	3869	0.426	ug/L	#	90
51) Chlorobenzene	9.452	112	14649	0.451	ug/L		95
52) Ethylbenzene	9.578	91	23238	0.414	ug/L		99
53) m,p-Xylene	9.700	106	8912	0.422	ug/L		99
54) o-Xylene	10.105	106	8172	0.400	ug/L		98
55) Styrene	10.121	104	13560	0.396	ug/L		94
57) 1,1,2,2-Tetrachloroethane	10.790	83	5947	0.476	ug/L	#	99
59) Bromoform	10.298	173	2341	0.452	ug/L	#	93
60) Isopropylbenzene	10.491	105	22182	0.416	ug/L		99
61) 1,2,3-Trichloropropane	10.832	75	4134	0.448	ug/L		99
62) 1,3,5-Trimethylbenzene	11.095	105	16974	0.389	ug/L		97
63) 1,2,4-Trimethylbenzene	11.475	105	17102	0.382	ug/L		100
64) 1,3-Dichlorobenzene	11.751	146	10899	0.462	ug/L		98
65) 1,4-Dichlorobenzene	11.844	146	11639	0.486	ug/L		98
67) 1,2-Dichlorobenzene	12.221	146	10013	0.445	ug/L		94
68) 1,2-Dibromo-3-chloropr...	13.005	75	746	0.389	ug/L	#	78
69) 1,3,5-Trichlorobenzene	13.227	180	7501	0.446	ug/L		99
70) 1,2,4-trichlorobenzene	13.848	180	5737	0.431	ug/L		99
71) Naphthalene	14.095	128	8911	0.353	ug/L		99
72) 1,2,3-Trichlorobenzene	14.336	180	5139	0.422	ug/L		94

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

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Acq On : 09 Sep 2021 12:38
Operator : SY/MD
Sample : VSTD0.521
Misc : 25.0mL/MSVOA_U/WATER
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Quant Time: Sep 10 01:06:12 2021
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Sep 10 01:05:30 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5021

Manual Integrations APPROVED
MMDadoda
9/10/2021 10:50:05 AM