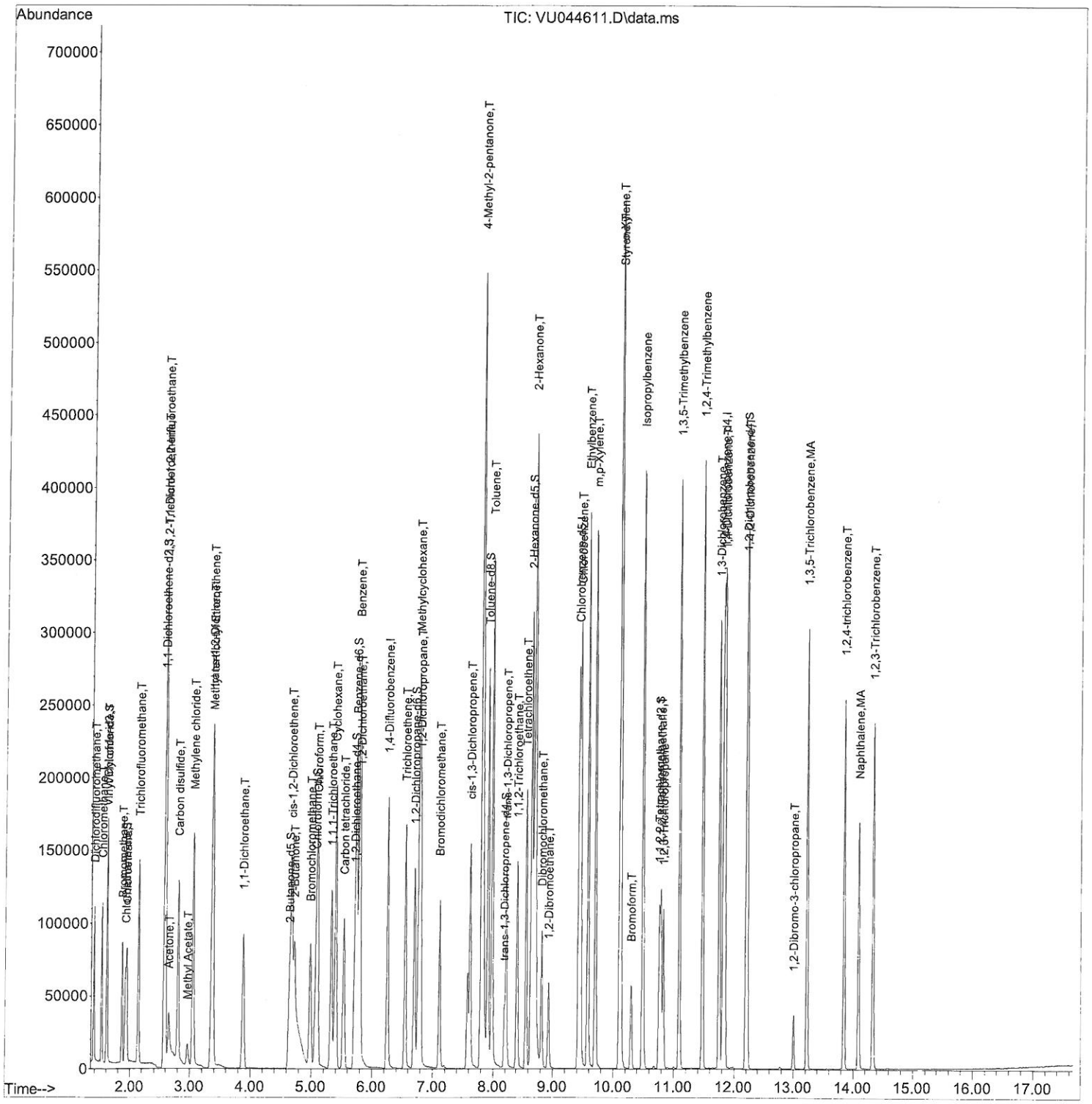
Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090921\
Data File : VU044611.D
Acq On : 09 Sep 2021 13:30
Operator : SY/MD
Sample : VSTD00523
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 10 01:07:08 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 :
VSTD005023

Manual Integrations APPROVED
MMDadoda
9/10/2021 10:50:12 AM



Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090921\
Data File : VU044611.D
Acq On : 09 Sep 2021 13:30
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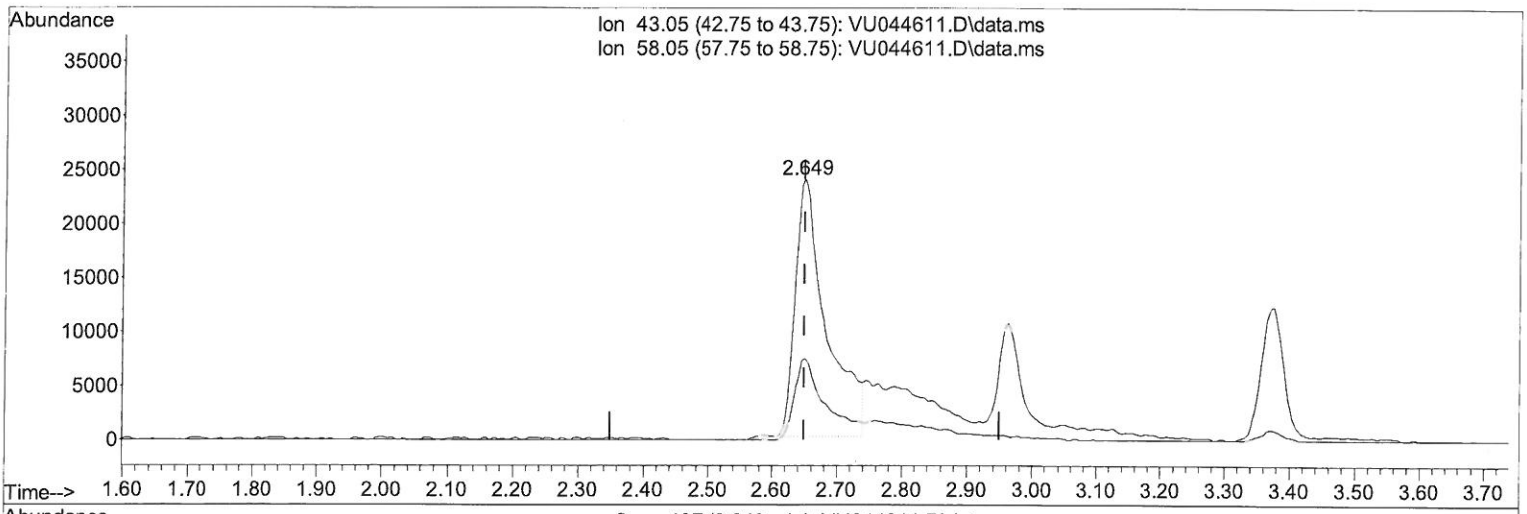

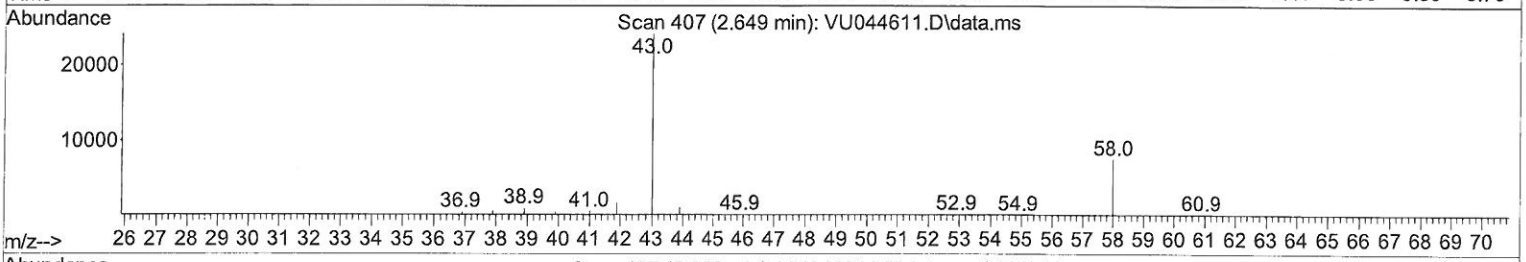

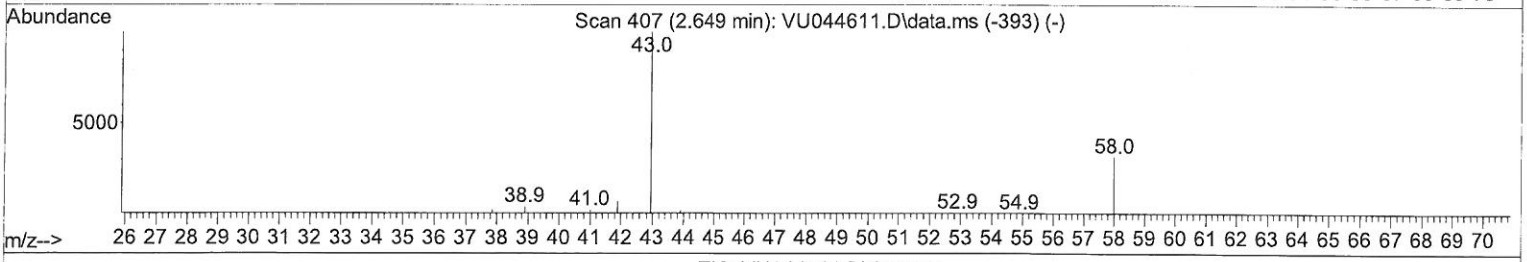

TIC: VU044611.D\data.ms

(13) Acetone (T)

2.649min (0.000) 29.90 ug/L

response 79575

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	21.20	32.18
0.00	0.00	0.00
0.00	0.00	0.00

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Quant Title : TRACE VOA SFAM1.0
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Instrument :
MSVOA_U
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VSTD005023

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MMDadoda
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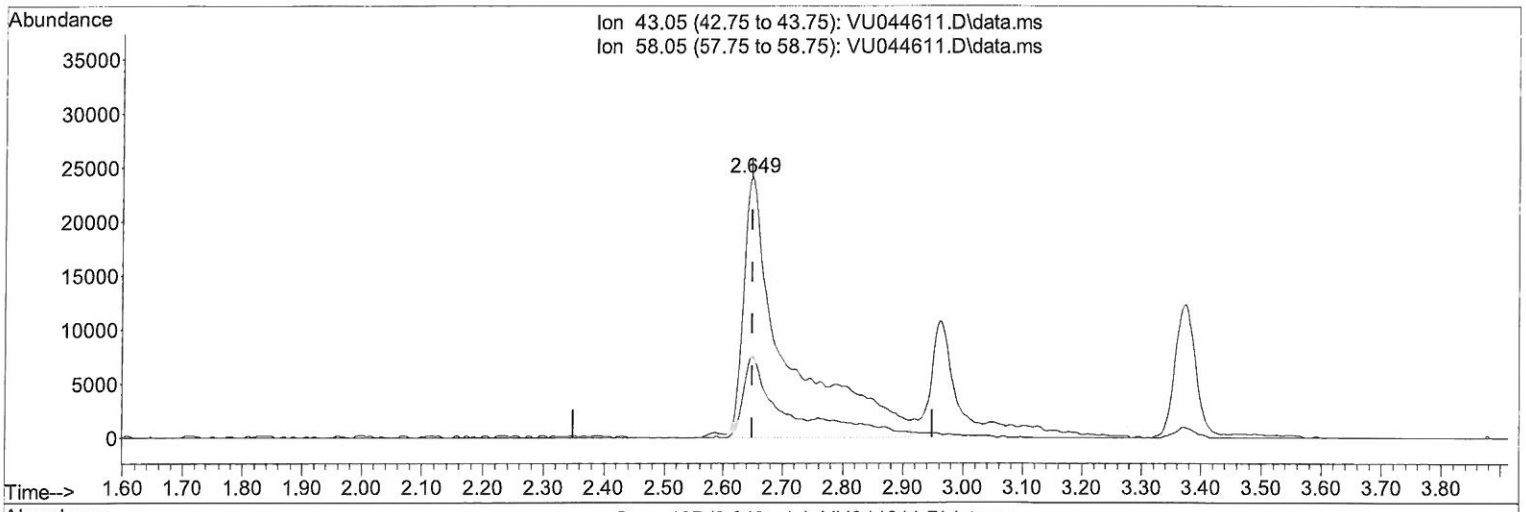

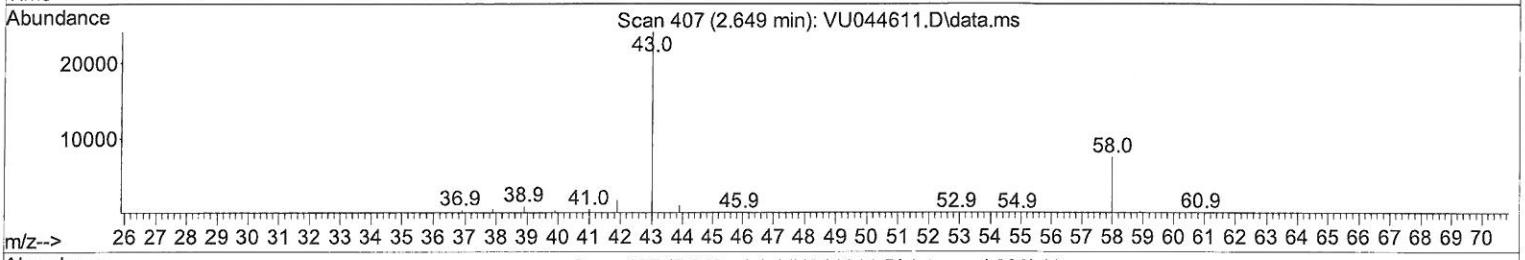

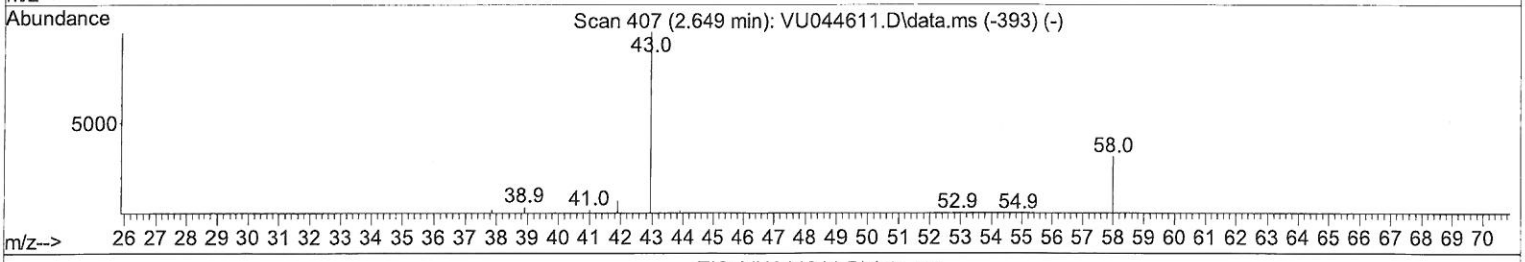

TIC: VU044611.D\data.ms

(13) Acetone (T)

2.649min (0.000) 45.48 ug/L m

response 121019

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	21.20	21.16
0.00	0.00	0.00
0.00	0.00	0.00

MD 09/10/21

Quantitation Report (Qedit)

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Quant Title : TRACE VOA SFAM1.0
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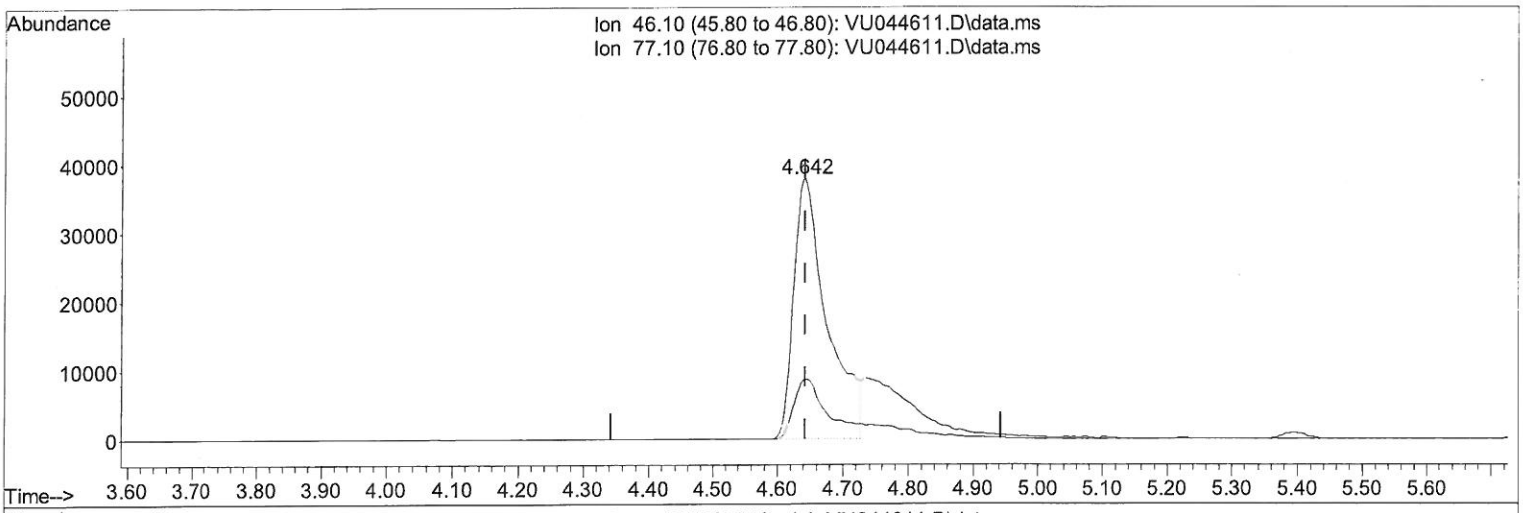
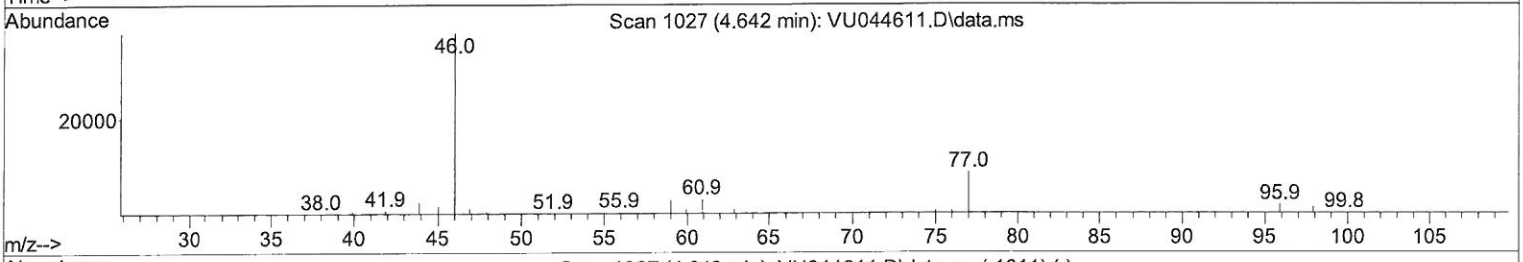
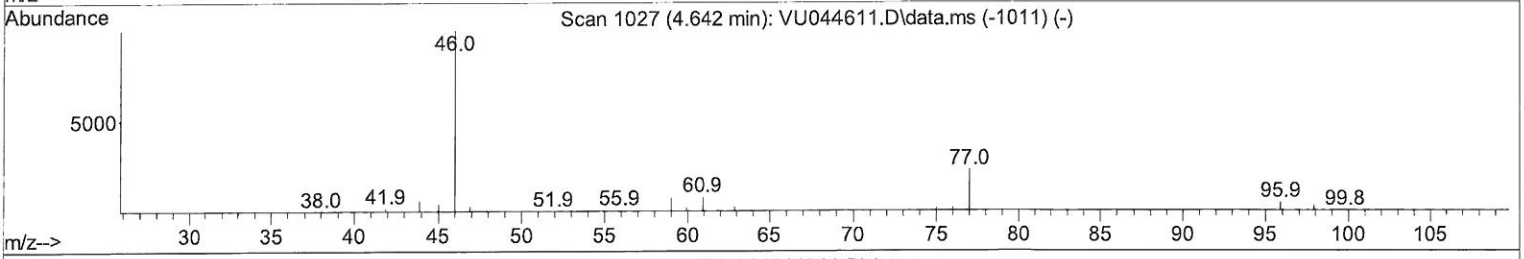
Instrument :
MSVOA_U
ClientSampleId :
VSTD005023

Manual Integrations APPROVED
MMDadoda
9/10/2021 10:50:12 AM







TIC: VU044611.D\data.ms

(20) 2-Butanone-d5 (S)

4.642min (0.000) 40.36 ug/L

response 134332

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	17.40	23.81#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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Quant Title : TRACE VOA SFAM1.0
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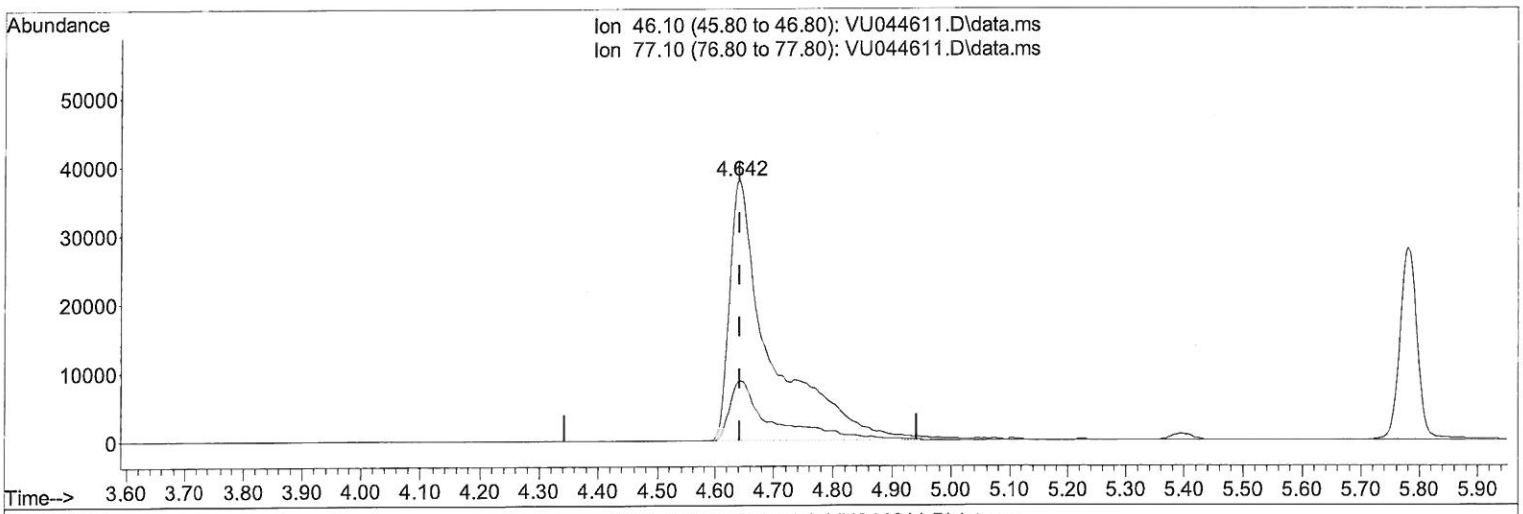
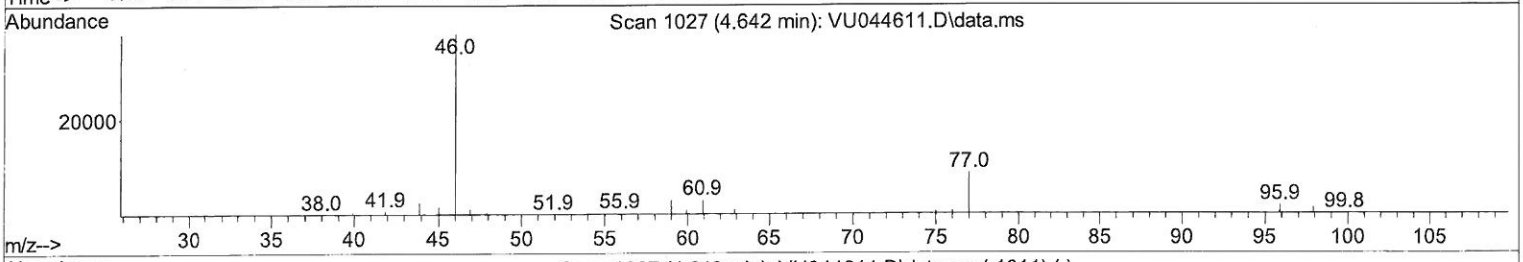
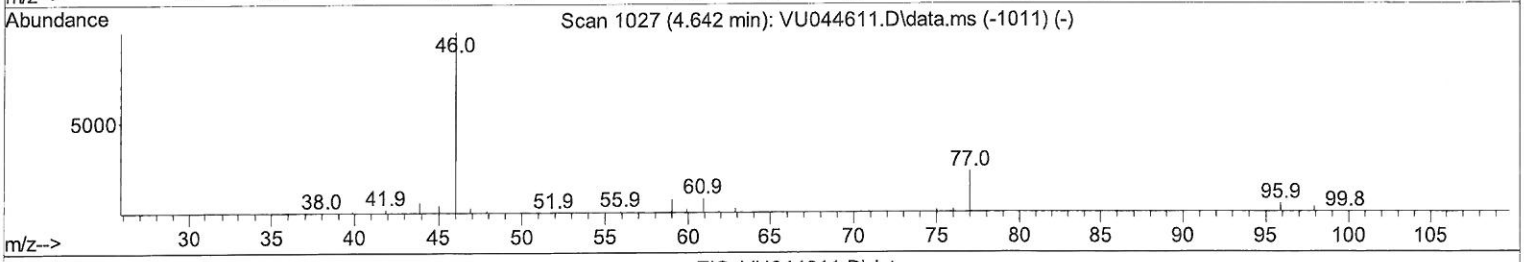
Instrument :
MSVOA_U
ClientSampleId :
VSTD005023

Manual Integrations APPROVED
MMDadoda
9/10/2021 10:50:12 AM







TIC: VU044611.D\data.ms

(20) 2-Butanone-d5 (S)

4.642min (0.000) 55.08 ug/L m

response 183350

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	17.40	17.45
0.00	0.00	0.00
0.00	0.00	0.00

MD 09/10/21

Quantitation Report (Qedit)

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ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 10 01:07:08 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
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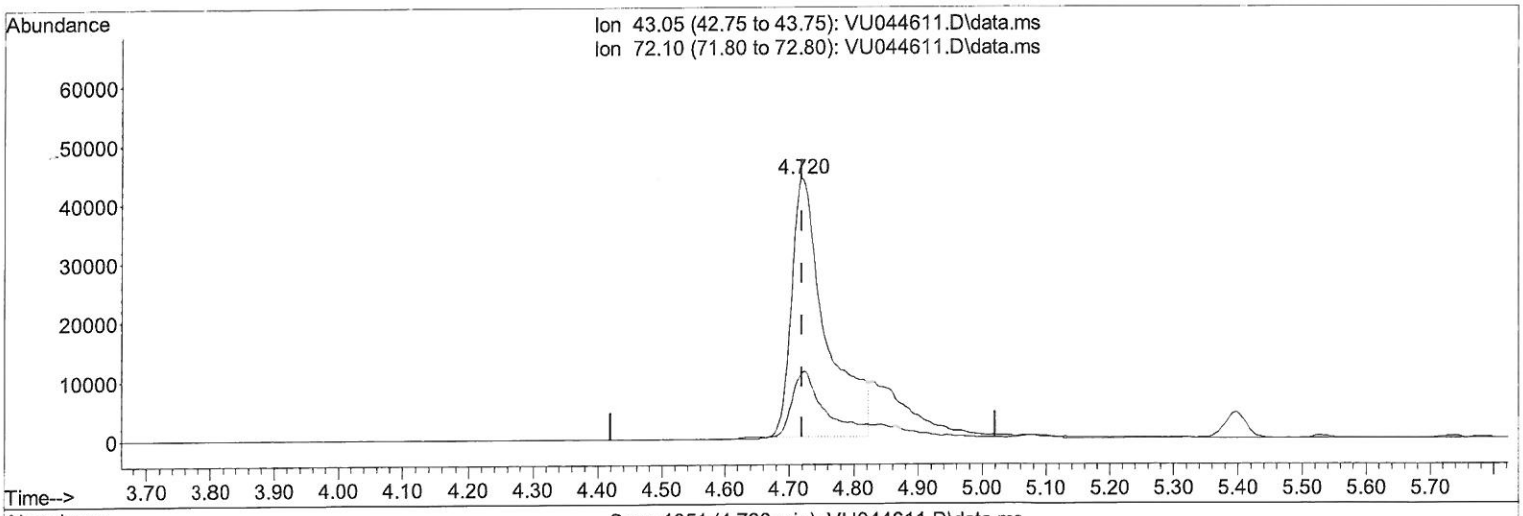
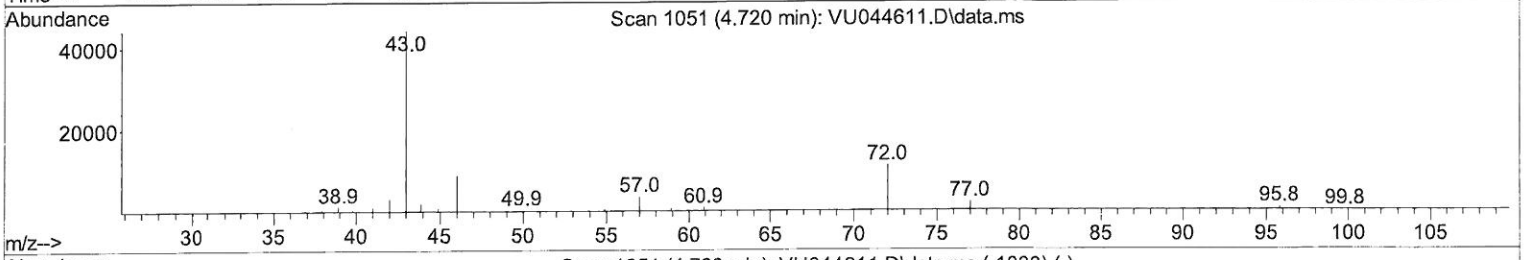
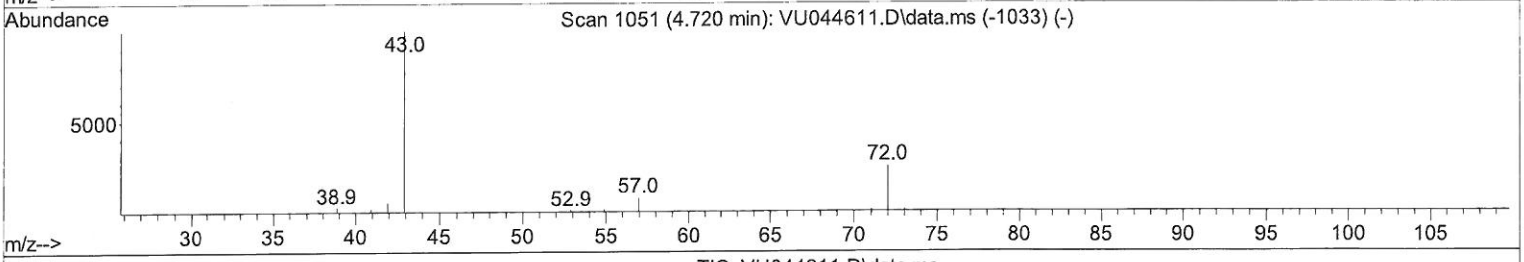
Instrument :
MSVOA_U
ClientSampleId :
VSTD005023

Manual Integrations APPROVED
MMDadoda
9/10/2021 10:50:12 AM







TIC: VU044611.D\data.ms

(21) 2-Butanone (T)

4.720min (0.000) 42.26 ug/L

response 162740

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	18.30	23.04
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 : VU044611.D
Acq On : 09 Sep 2021 13:30
Operator : SY/MD
Sample : VSTD00523
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 10 01:07:08 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
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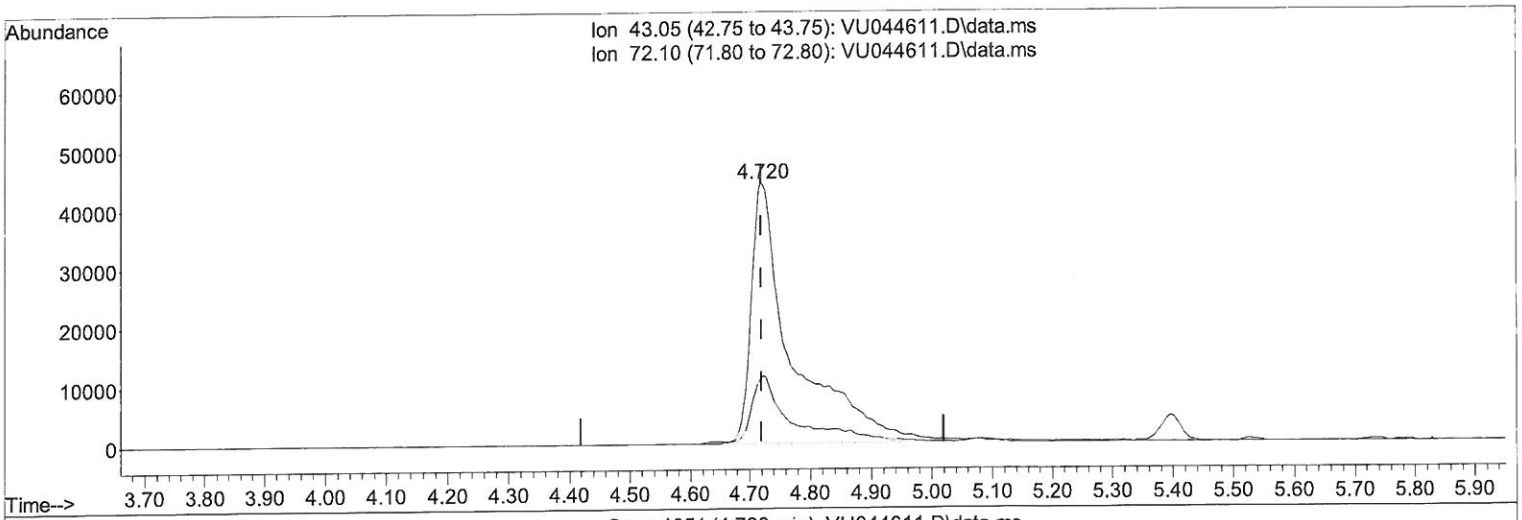
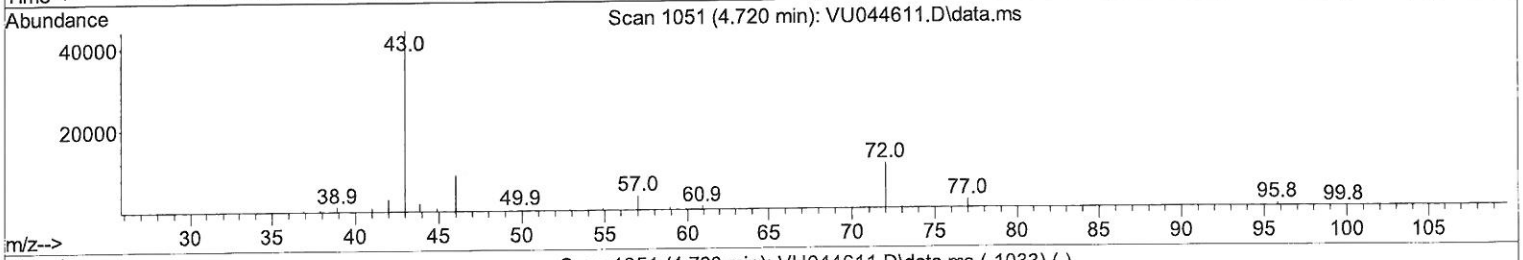
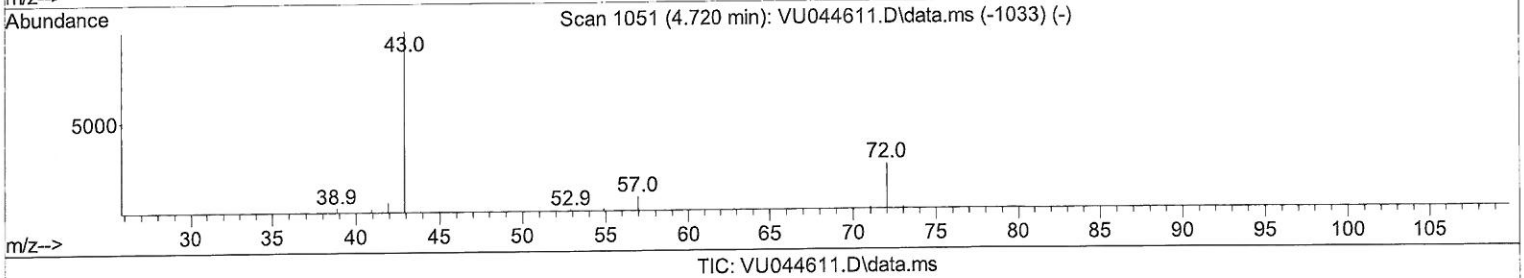
Instrument :
MSVOA_U
ClientSampleId :
VSTD005023

Manual Integrations APPROVED
MMDadoda
9/10/2021 10:50:12 AM







TIC: VU044611.D\data.ms

(21) 2-Butanone (T)

4.720min (0.000) 53.13 ug/L m ? MD 09/10/21

response 204602

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	18.30	18.33
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Instrument : MSVOA_U
ClientSampleId : VSTD005023

Manual Integrations APPROVED
MMDadoda
9/10/2021 10:50:12 AM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	144148	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.424	117	144124	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	75011	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	45327	4.028	ug/L	0.00
7) Chloroethane-d5	1.919	69	45146	4.527	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.572	65	23062	4.690	ug/L	0.00
20) 2-Butanone-d5	4.642	46	183350m	55.082	ug/L	0.00
24) Chloroform-d	5.070	84	89315	4.429	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.710	65	54908	4.869	ug/L	0.00
32) Benzene-d6	5.736	84	197275	4.858	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.697	67	63276	4.864	ug/L	0.00
41) Toluene-d8	7.903	98	173162	4.815	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.186	79	23209	4.975	ug/L	0.00
46) 2-Hexanone-d5	8.642	63	143294	55.069	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.761	84	55426	5.013	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.198	152	61521	4.839	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.389	85	62102	4.380	ug/L	100
3) Chloromethane	1.520	50	74038	4.009	ug/L	100
5) Vinyl chloride	1.607	62	76969	4.466	ug/L	100
6) Bromomethane	1.861	94	37171	3.984	ug/L	100
8) Chloroethane	1.938	64	48389	4.539	ug/L	100
9) Trichlorofluoromethane	2.144	101	87193	4.412	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	53181	4.820	ug/L	100
12) 1,1-Dichloroethene	2.585	96	50374	4.665	ug/L	100
13) Acetone	2.649	43	121019m	45.477	ug/L	
14) Carbon disulfide	2.800	76	155454	4.477	ug/L	100
15) Methyl Acetate	2.961	43	20590	4.906	ug/L	100
16) Methylene chloride	3.054	84	75714	4.544	ug/L	100
17) Methyl tert-butyl Ether	3.372	73	136661	4.869	ug/L	100
18) trans-1,2-Dichloroethene	3.363	96	53199	4.724	ug/L	100
19) 1,1-Dichloroethane	3.880	63	108543	4.911	ug/L	100
21) 2-Butanone	4.720	43	204602m	53.127	ug/L	
22) cis-1,2-Dichloroethene	4.678	96	58283	4.842	ug/L	100
23) Bromochloromethane	4.980	128	24500	4.681	ug/L	100
25) Chloroform	5.096	83	117666	5.122	ug/L	100
27) 1,2-Dichloroethane	5.800	62	73462	4.891	ug/L	100
29) 1,1,1-Trichloroethane	5.324	97	86296	4.873	ug/L	100
30) Cyclohexane	5.395	56	97826	4.973	ug/L	100
31) Carbon tetrachloride	5.533	117	67542	4.681	ug/L	100
33) Benzene	5.781	78	238022	4.950	ug/L	100
34) Trichloroethene	6.549	95	57315	4.809	ug/L	100
35) Methylcyclohexane	6.771	83	94969	4.811	ug/L	100
37) 1,2-Dichloropropane	6.797	63	62709	4.960	ug/L	100
38) Bromodichloromethane	7.112	83	75554	4.897	ug/L	100
39) cis-1,3-Dichloropropene	7.613	75	88154	4.969	ug/L	100
40) 4-Methyl-2-pentanone	7.800	43	481345	54.858	ug/L	100
42) Toluene	7.973	91	249799	4.967	ug/L	100

MD 09/10/21

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Instrument :
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ClientSampleId :
VSTD005023

Manual Integrations APPROVED
MMDadoda
9/10/2021 10:50:12 AM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) trans-1,3-Dichloropropene	8.218	75	76747	5.089	ug/L	100
45) 1,1,2-Trichloroethane	8.404	97	44847	4.994	ug/L	100
47) Tetrachloroethene	8.559	164	40675	4.920	ug/L	100
48) 2-Hexanone	8.694	43	357252	56.497	ug/L	100
49) Dibromochloromethane	8.816	129	46705	4.929	ug/L	100
50) 1,2-Dibromoethane	8.932	107	42080	4.897	ug/L	100
51) Chlorobenzene	9.452	112	149055	4.849	ug/L	100
52) Ethylbenzene	9.575	91	263167	4.964	ug/L	100
53) m,p-Xylene	9.697	106	101777	5.096	ug/L	100
54) o-Xylene	10.105	106	96736	5.006	ug/L	100
55) Styrene	10.118	104	172649	5.337	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.787	83	59715	5.053	ug/L	100
59) Bromoform	10.295	173	25362	4.886	ug/L	100
60) Isopropylbenzene	10.488	105	256973	4.803	ug/L	100
61) 1,2,3-Trichloropropane	10.829	75	45007	4.862	ug/L	100
62) 1,3,5-Trimethylbenzene	11.092	105	212514	4.854	ug/L	100
63) 1,2,4-Trimethylbenzene	11.472	105	220401	4.912	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	116921	4.939	ug/L	100
65) 1,4-Dichlorobenzene	11.841	146	118638	4.939	ug/L	100
67) 1,2-Dichlorobenzene	12.218	146	111805	4.961	ug/L	100
68) 1,2-Dibromo-3-chloropr...	13.002	75	9984	5.200	ug/L	100
69) 1,3,5-Trichlorobenzene	13.224	180	85167	5.048	ug/L	100
70) 1,2,4-trichlorobenzene	13.845	180	71364	5.343	ug/L	100
71) Naphthalene	14.092	128	130583	5.168	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	65994	5.405	ug/L	100

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