Quantitation Report (QT Reviewed)

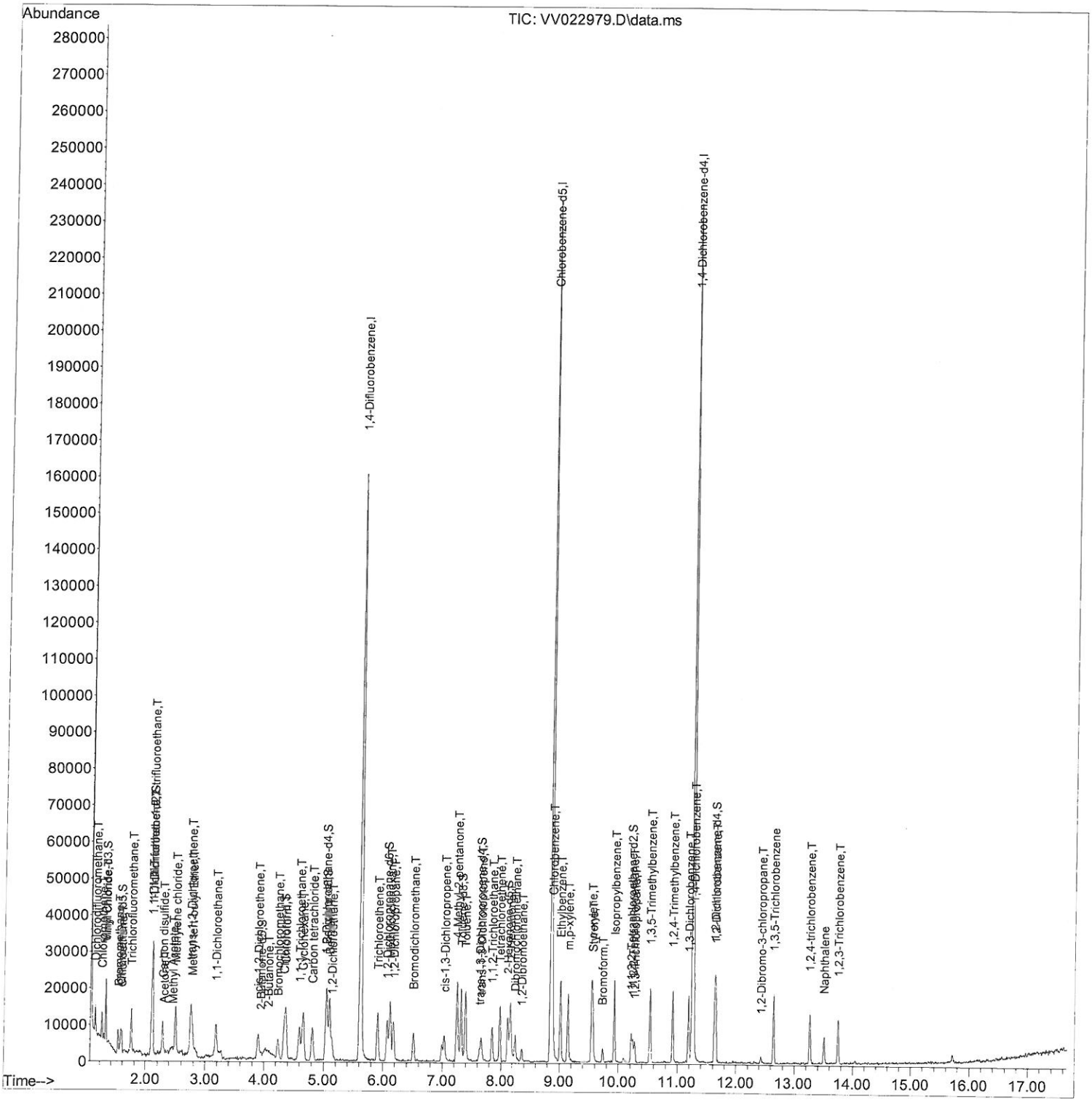
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102221\
Data File : VV022979.D
Acq On : 22 Oct 2021 10:04
Operator : SY/MD
Sample : VSTD0.541
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Oct 23 00:45:04 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Oct 23 00:39:32 2021
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5241

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021



Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102221\
Data File : VV022979.D
Acq On : 22 Oct 2021 10:04
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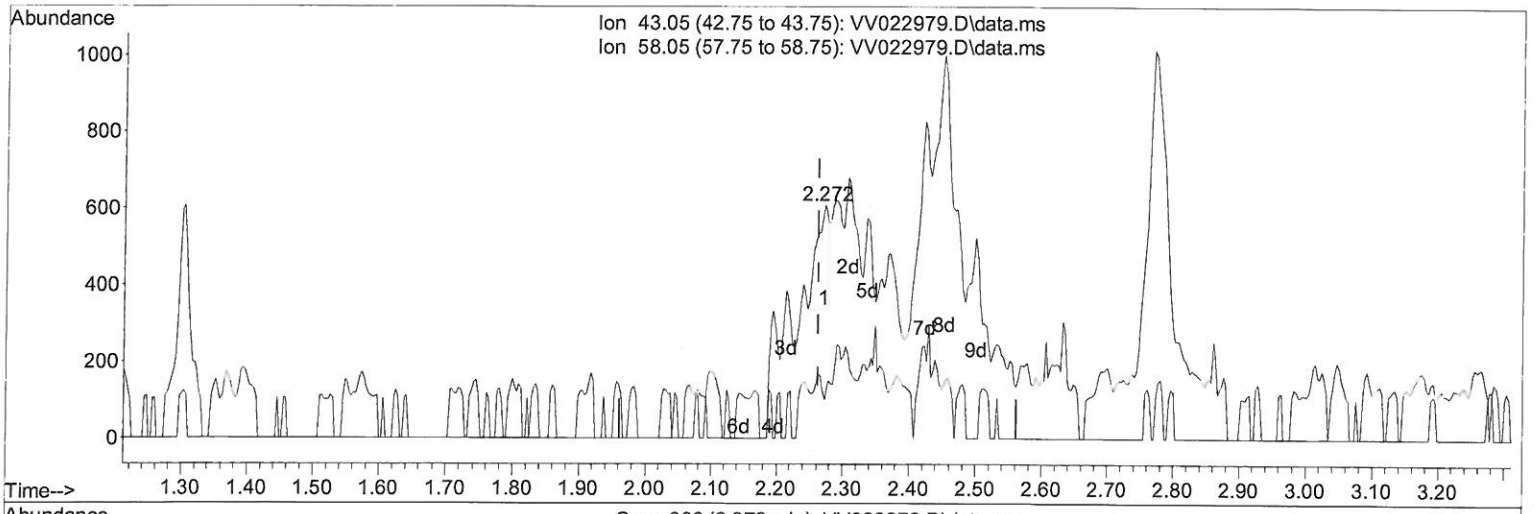

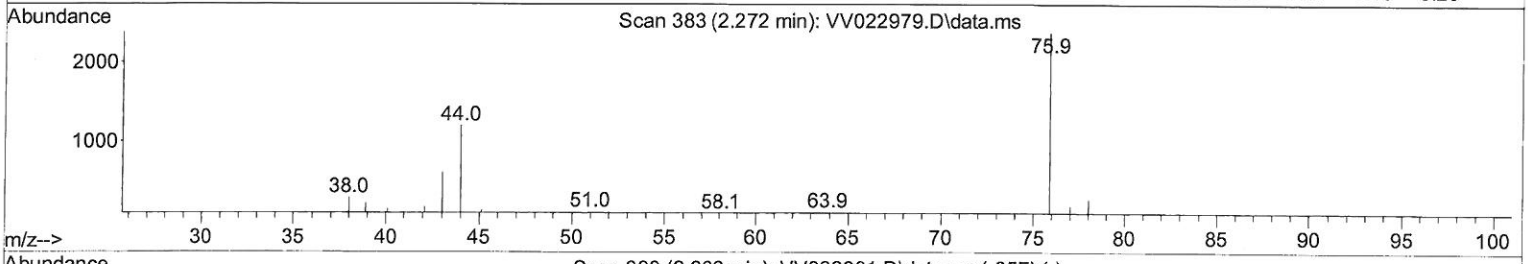

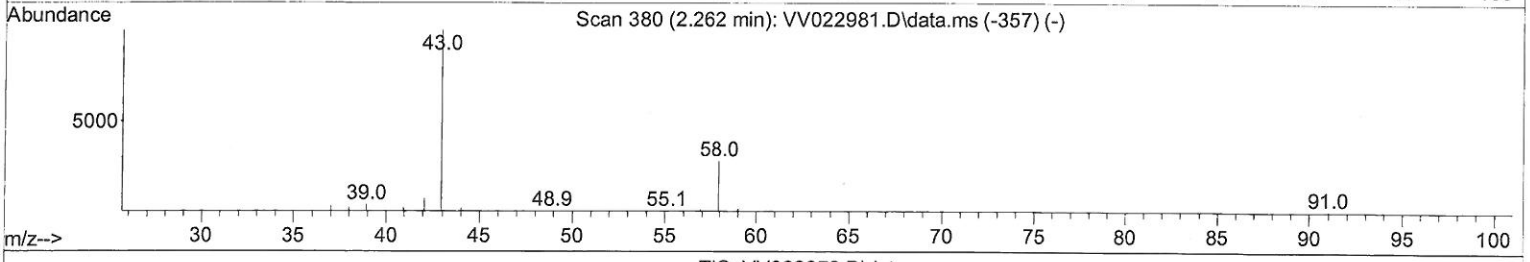

TIC: VV022979.D\data.ms

(13) Acetone (T)

2.272min (+ 0.010) 0.26 ug/L

response 352

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	27.70	11.65
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102221\
Data File : VV022979.D
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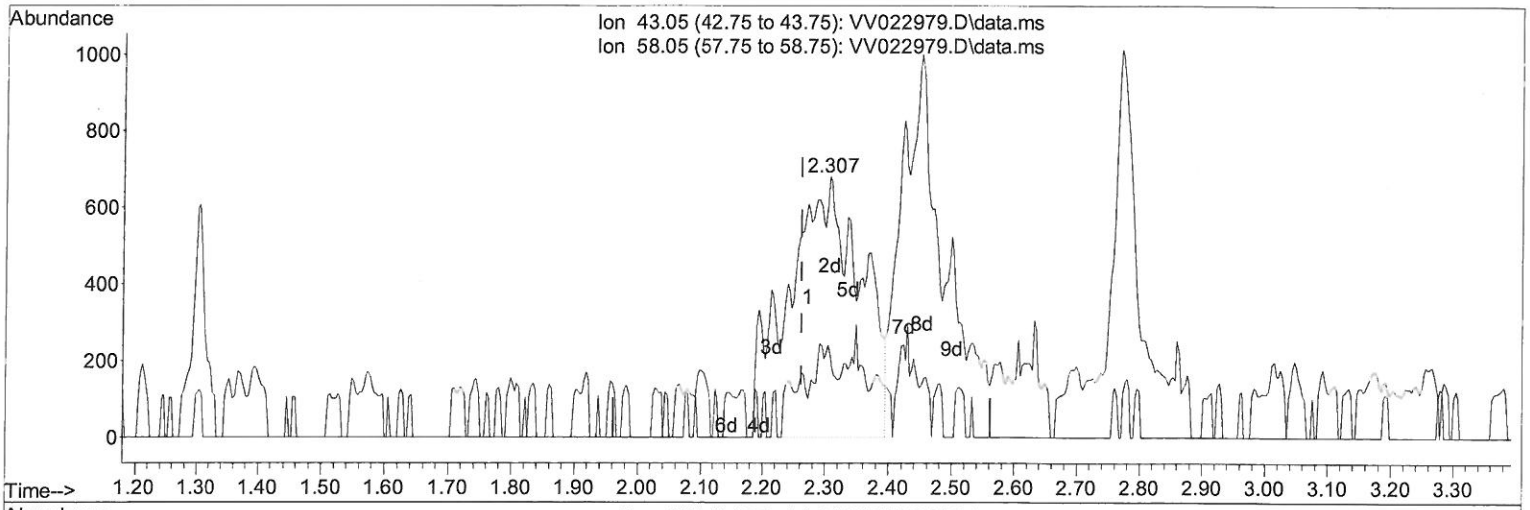

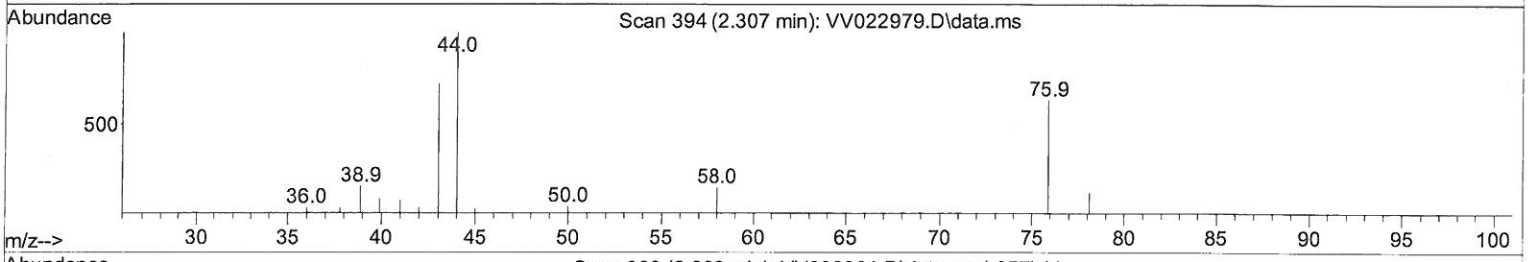

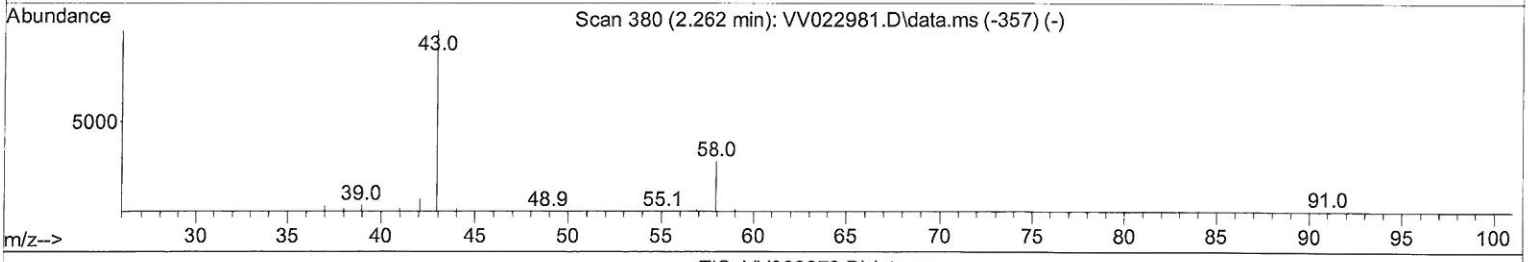

TIC: VV022979.D\data.ms

(13) Acetone (T)

2.307min (+ 0.045) 4.08 ug/L m

response 5431

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	27.70	0.75
0.00	0.00	0.00
0.00	0.00	0.00

7 mD 10/27/21

Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102221\
Data File : VV022979.D
Acq On : 22 Oct 2021 10:04
Operator : SY/MD
Sample : VSTD0.541
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

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Quant Title : TRACE VOA SFAM1.0
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Instrument :
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Manual IntegrationsAPPROVED

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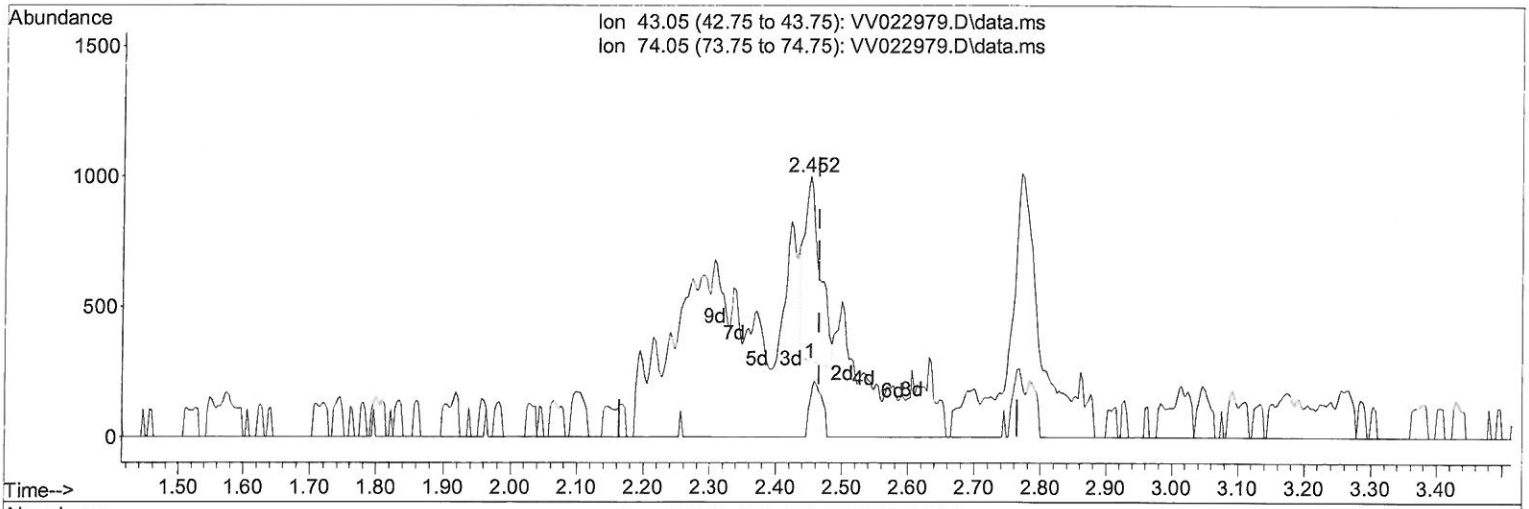

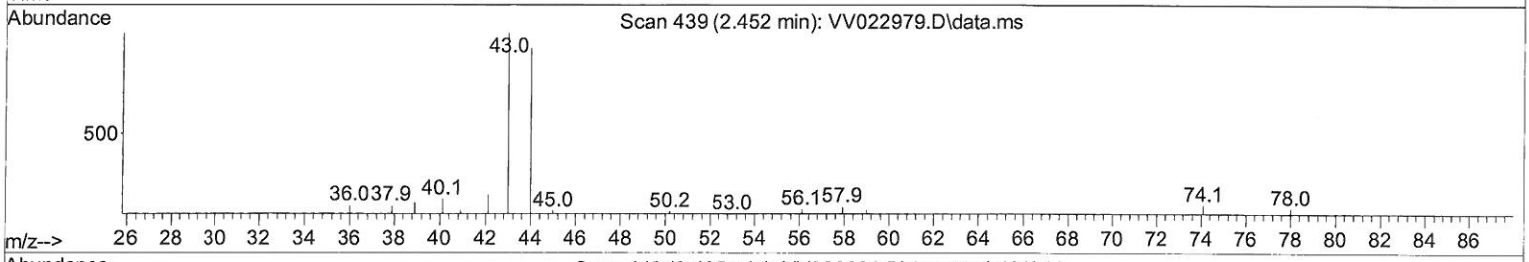

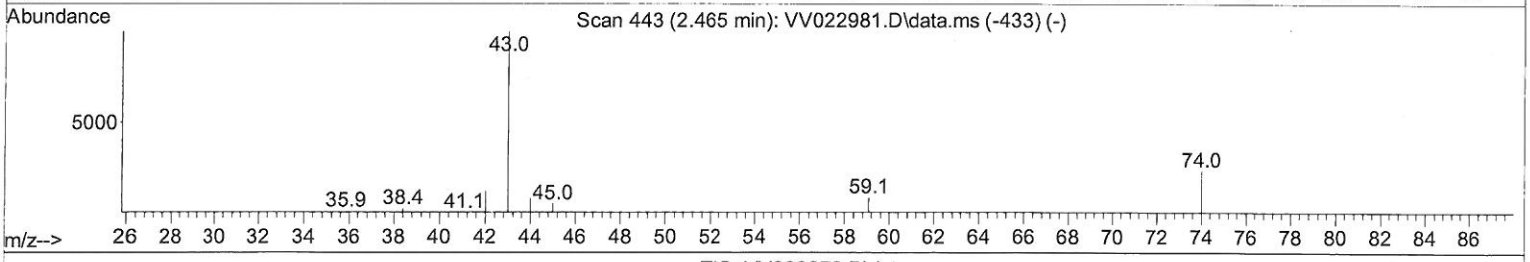

TIC: VV022979.D\data.ms

(15) Methyl Acetate (T)

2.452min (-0.013) 0.32 ug/L

response 1177

Ion	Exp%	Act%
43.05	100.00	100.00
74.05	27.70	23.19
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102221\
Data File : VV022979.D
Acq On : 22 Oct 2021 10:04
Operator : SY/MD
Sample : VSTD0.541
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Oct 23 00:45:04 2021
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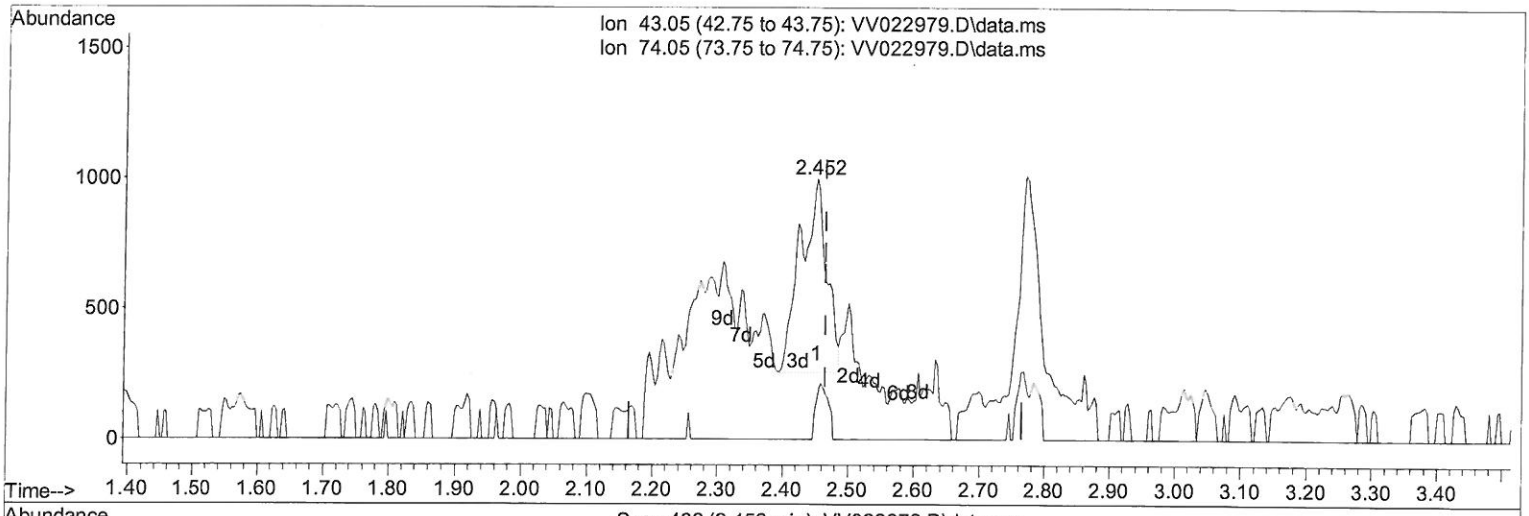
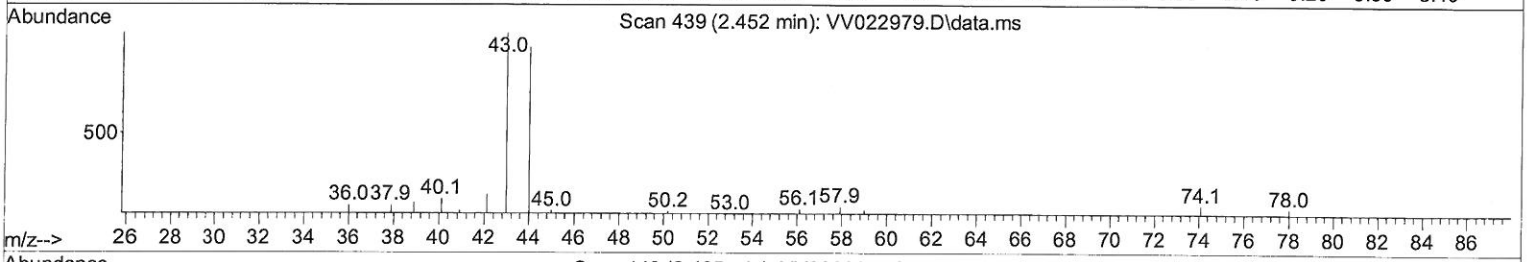
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Oct 23 00:39:32 2021
Response via : Initial Calibration

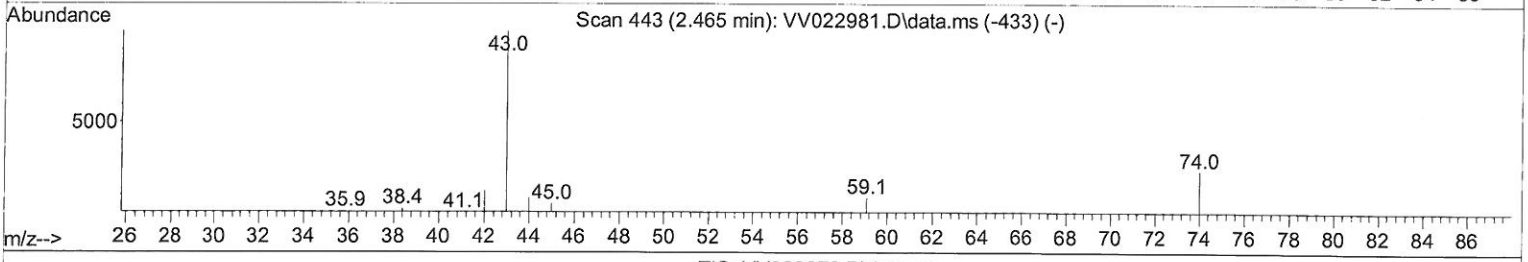
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5241

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021







TIC: VV022979.D\data.ms

(15) Methyl Acetate (T)

2.452min (-0.013) 0.56 ug/L m

response 2050

Ion	Exp%	Act%
43.05	100.00	100.00
74.05	27.70	13.32#
0.00	0.00	0.00
0.00	0.00	0.00

ZMD 10/27/21

Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102221\
Data File : VV022979.D
Acq On : 22 Oct 2021 10:04
Operator : SY/MD
Sample : VSTD0.541
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ALS Vial : 21 Sample Multiplier: 1

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QLast Update : Sat Oct 23 00:39:32 2021
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5241

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 10/25/2021
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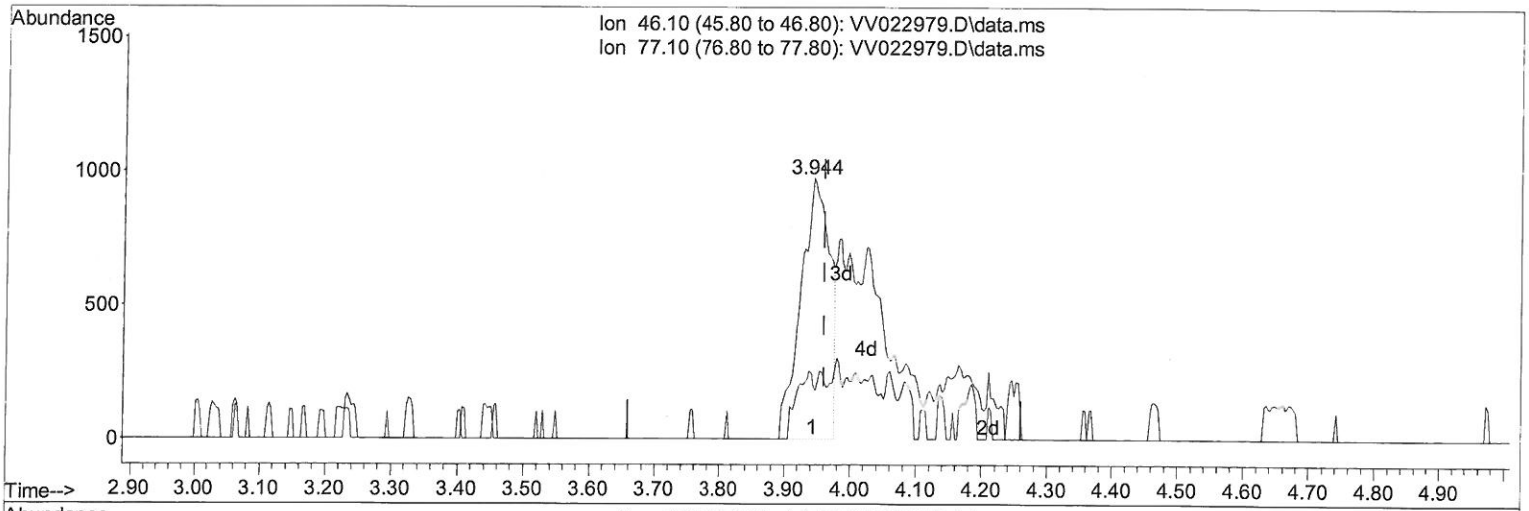

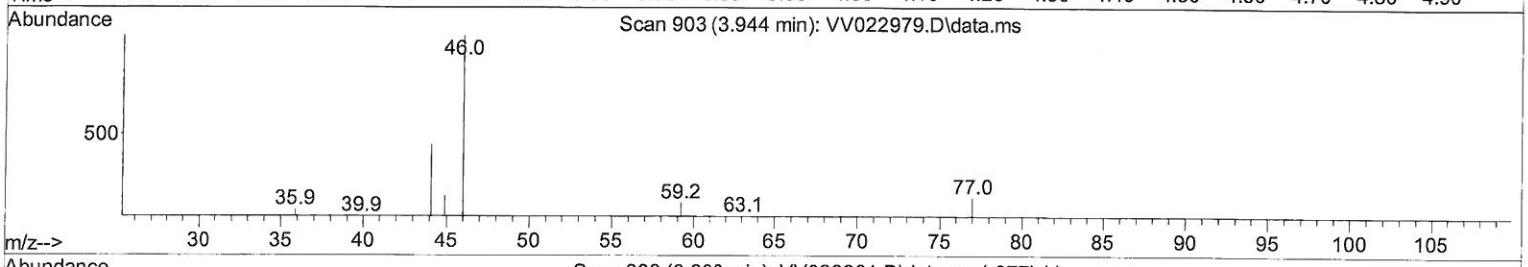

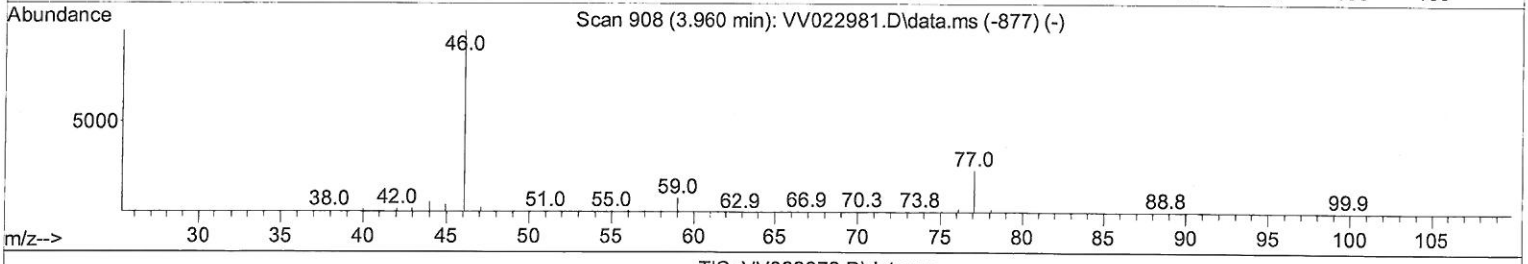

TIC: VV022979.D\data.ms

(20) 2-Butanone-d5 (S)

3.944min (-0.016) 1.20 ug/L

response 2977

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	22.30	15.75
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102221\
Data File : VV022979.D
Acq On : 22 Oct 2021 10:04
Operator : SY/MD
Sample : VSTD0.541
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

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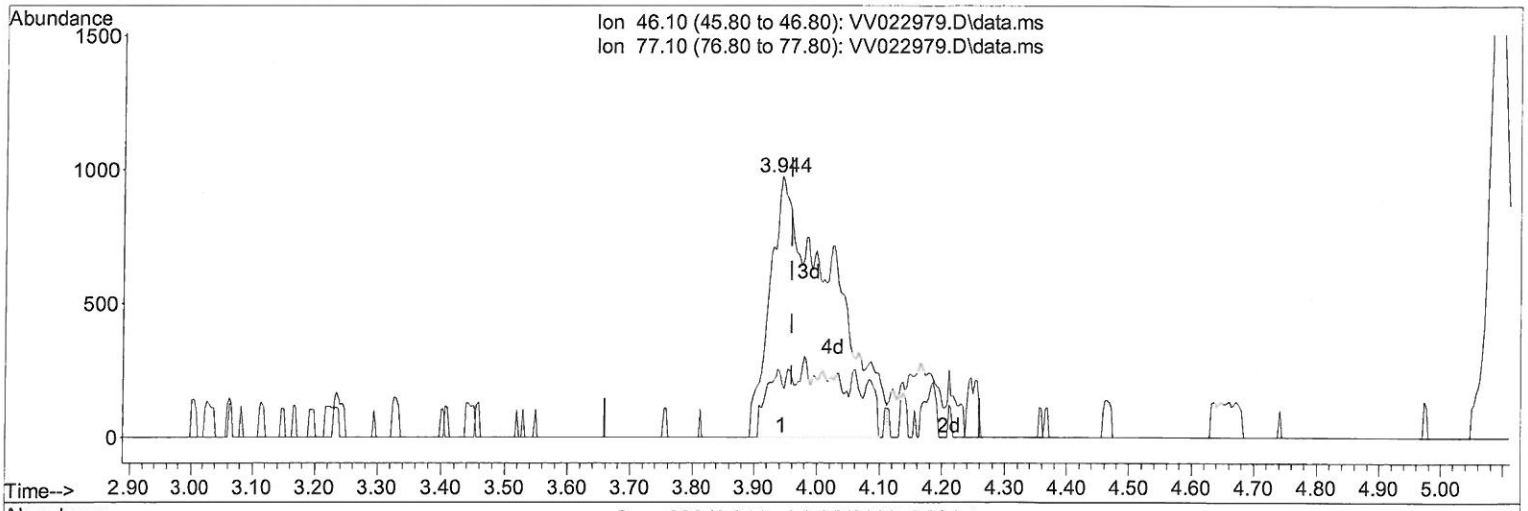
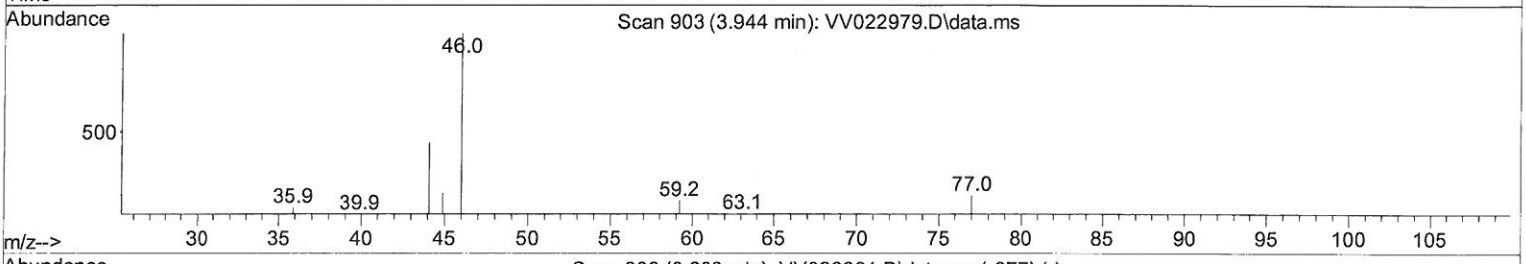
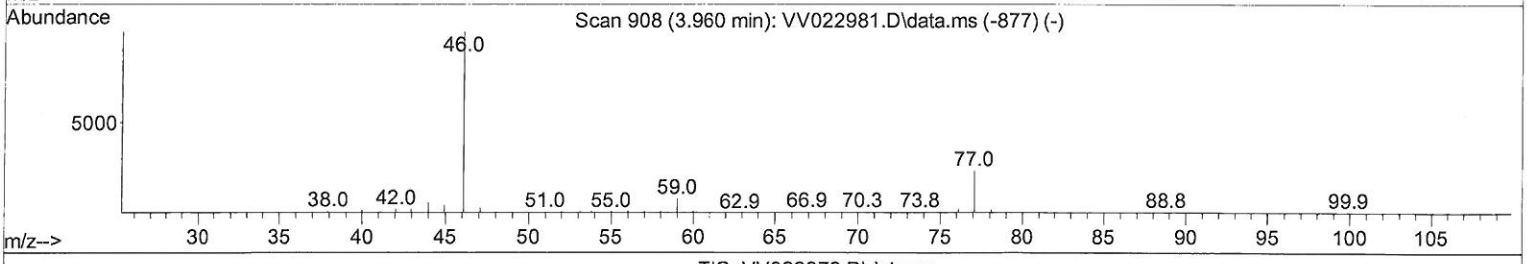
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5241

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021







TIC: VV022979.D\data.ms

(20) 2-Butanone-d5 (S)

3.944min (-0.016) 2.66 ug/L m

response 6629

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	22.30	7.07#
0.00	0.00	0.00
0.00	0.00	0.00

MD 10/27/21

Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102221\
Data File : VV022979.D
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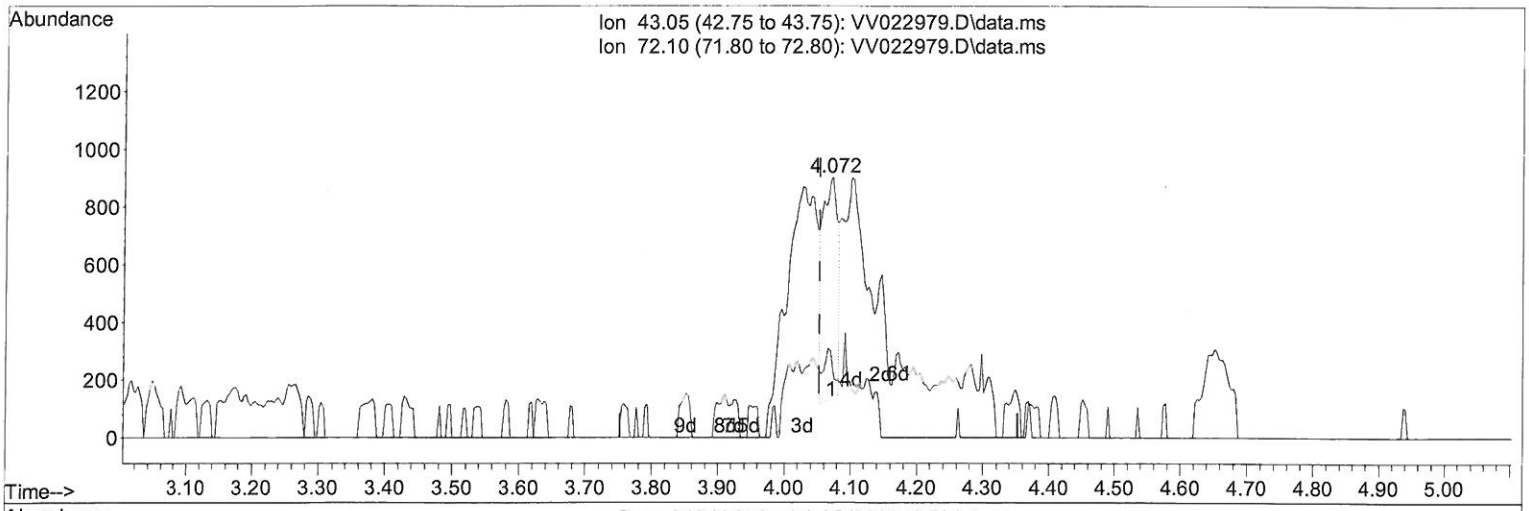

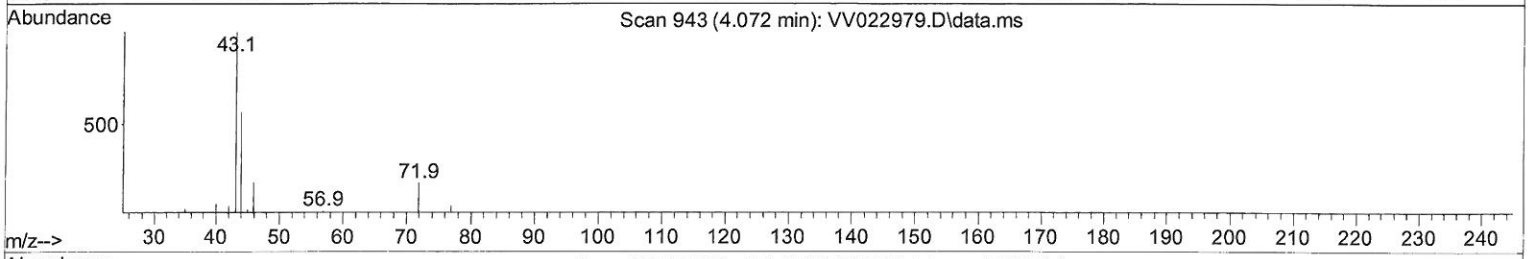

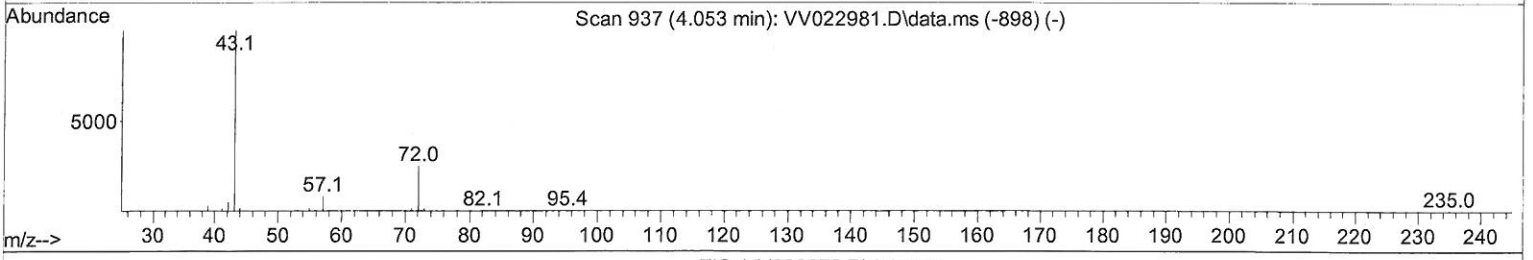

TIC: VV022979.D\data.ms

(21) 2-Butanone (T)

4.072min (+ 0.019) 0.53 ug/L

response 1196

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	23.90	22.91
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102221\
Data File : VV022979.D
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Manual IntegrationsAPPROVED

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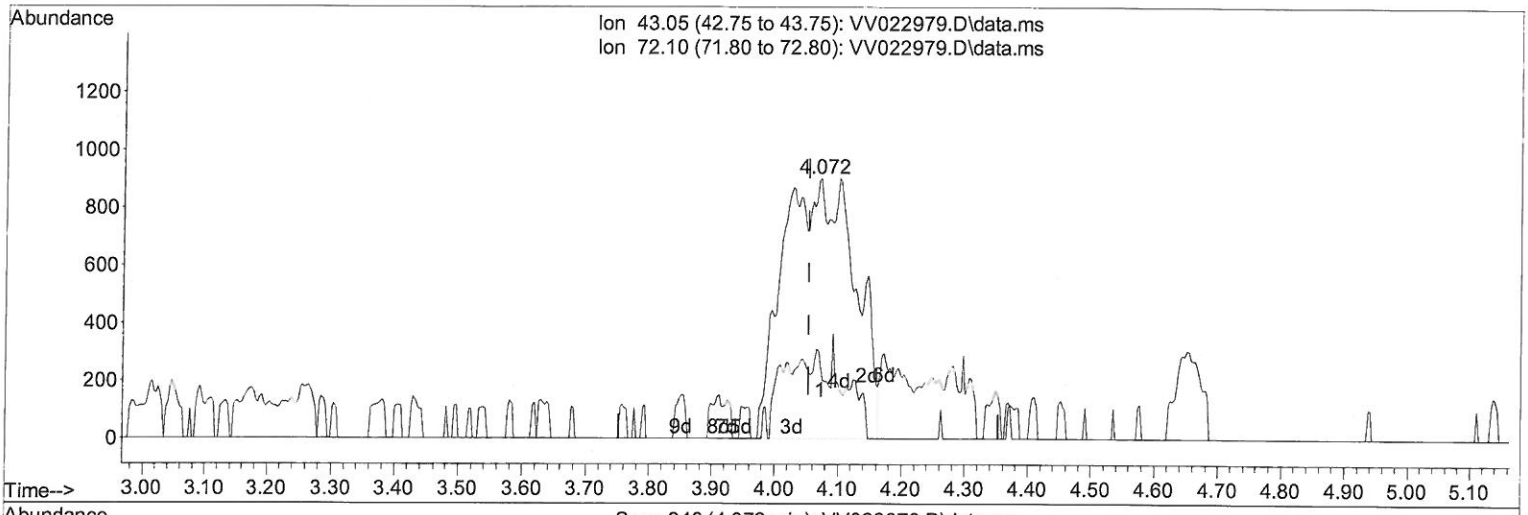

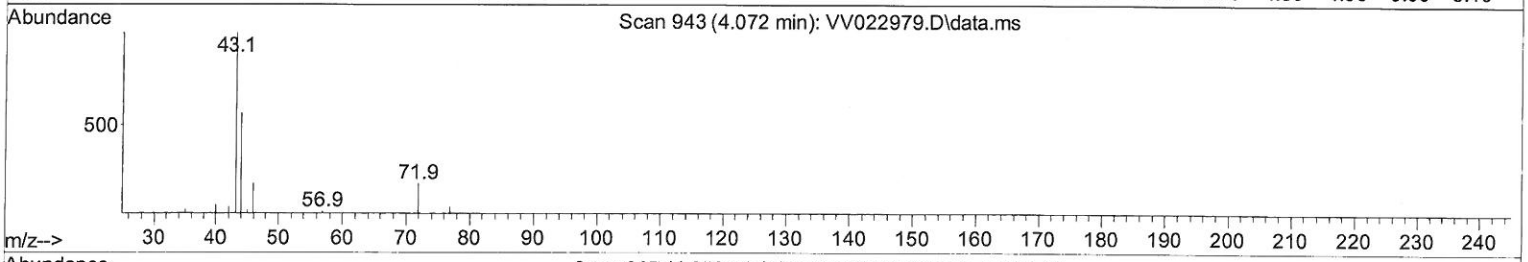

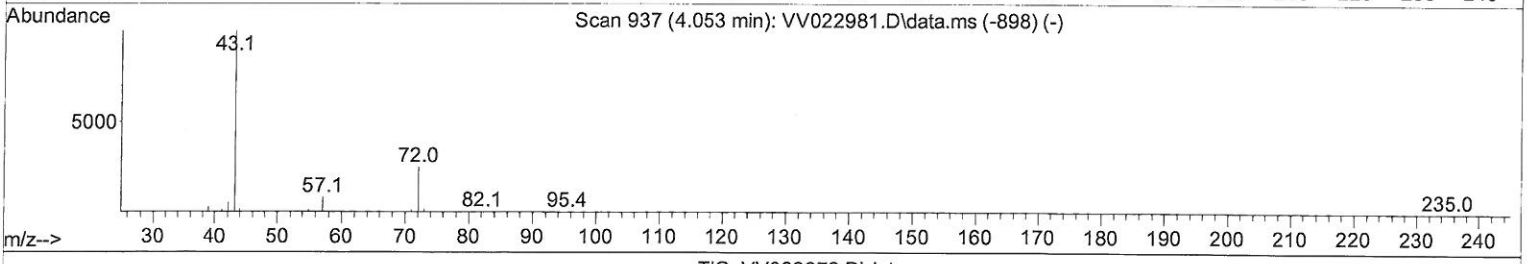

TIC: VV022979.D\data.ms

(21) 2-Butanone (T)

4.072min (+ 0.019) 3.13 ug/L m

response 7072

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	23.90	3.87#
0.00	0.00	0.00
0.00	0.00	0.00

MD 10/27/21

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102221\
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Manual IntegrationsAPPROVED

Reviewed By :John Carlone 10/25/2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	139885	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	132144	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	61437	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	5618	0.541	ug/L	0.00
7) Chloroethane-d5	1.565	69	3380	0.396	ug/L	-0.01
11) 1,1-Dichloroethene-d2	2.101	63	8060	0.427	ug/L	-0.02
20) 2-Butanone-d5	3.944	46	6629m	2.662	ug/L	-0.02
24) Chloroform-d	4.343	84	8974	0.446	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.034	65	3888	0.400	ug/L	0.00
32) Benzene-d6	5.040	84	16209	0.403	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.066	67	5602	0.471	ug/L	-0.02
41) Toluene-d8	7.317	98	12894	0.369	ug/L	-0.01
43) trans-1,3-Dichloroprop...	7.635	79	1675	0.420	ug/L	0.00
46) 2-Hexanone-d5	8.111	63	4508	2.895	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	3621	0.454	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	5140	0.448	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	4592	0.462	ug/L #	87
3) Chloromethane	1.237	50	4821	0.478	ug/L	97
5) Vinyl chloride	1.307	62	5264	0.503	ug/L	98
6) Bromomethane	1.516	94	2344	0.374	ug/L	94
8) Chloroethane	1.581	64	2463	0.393	ug/L	83
9) Trichlorofluoromethane	1.748	101	6177	0.413	ug/L	92
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	3687	0.420	ug/L	98
12) 1,1-Dichloroethene	2.111	96	3556	0.432	ug/L	93
13) Acetone	2.307	43	5431m	4.082	ug/L	
14) Carbon disulfide	2.285	76	9292	0.404	ug/L	97
15) Methyl Acetate	2.452	43	2050m	0.565	ug/L	
16) Methylene chloride	2.500	84	4699	0.429	ug/L	85
17) Methyl tert-butyl Ether	2.777	73	8685	0.455	ug/L #	86
18) trans-1,2-Dichloroethene	2.751	96	3917	0.453	ug/L	96
19) 1,1-Dichloroethane	3.182	63	7527	0.482	ug/L	99
21) 2-Butanone	4.072	43	7072m	3.126	ug/L	
22) cis-1,2-Dichloroethene	3.899	96	3469	0.362	ug/L #	86
23) Bromochloromethane	4.233	128	1866	0.443	ug/L	82
25) Chloroform	4.365	83	10086	0.534	ug/L	90
27) 1,2-Dichloroethane	5.134	62	4418	0.465	ug/L	98
29) 1,1,1-Trichloroethane	4.597	97	7674	0.507	ug/L	97
30) Cyclohexane	4.651	56	6028	0.436	ug/L	99
31) Carbon tetrachloride	4.812	117	6619	0.506	ug/L	94
33) Benzene	5.092	78	16318	0.457	ug/L	100
34) Trichloroethene	5.912	95	4476	0.466	ug/L	94
35) Methylcyclohexane	6.121	83	5521	0.410	ug/L	97
37) 1,2-Dichloropropane	6.175	63	4446	0.518	ug/L #	91
38) Bromodichloromethane	6.510	83	5305	0.500	ug/L	92
39) cis-1,3-Dichloropropene	7.034	75	4877	0.434	ug/L	93
40) 4-Methyl-2-pentanone	7.246	43	16877	3.741	ug/L	95
42) Toluene	7.391	91	14617	0.403	ug/L	92

MD 10/27/21

MD 10/27/21

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102221\
Data File : VV022979.D
Acq On : 22 Oct 2021 10:04
Operator : SY/MD
Sample : VSTD0.541
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Oct 23 00:45:04 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Oct 23 00:39:32 2021
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5241

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 10/25/2021
Supervised By :Mahesh Dadoda 10/25/2021

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
44) trans-1,3-Dichloropropene	7.664	75	3662	0.397 ug/L	97
45) 1,1,2-Trichloroethane	7.844	97	3062	0.484 ug/L	93
47) Tetrachloroethene	7.973	164	3726	0.478 ug/L	88
48) 2-Hexanone	8.159	43	11277	3.419 ug/L	99
49) Dibromochloromethane	8.249	129	3225	0.435 ug/L	95
50) 1,2-Dibromoethane	8.358	107	2560	0.437 ug/L #	91
51) Chlorobenzene	8.879	112	11025	0.465 ug/L	98
52) Ethylbenzene	9.014	91	14781	0.407 ug/L	90
53) m,p-xylene	9.140	106	5715	0.397 ug/L	96
54) o-xylene	9.545	106	5427	0.404 ug/L	87
55) Styrene	9.564	104	8151	0.352 ug/L	90
57) 1,1,2,2-Tetrachloroethane	10.243	83	3012	0.466 ug/L	97
59) Bromoform	9.731	173	1899	0.552 ug/L #	92
60) Isopropylbenzene	9.931	105	13706	0.440 ug/L	99
61) 1,2,3-Trichloropropane	10.278	75	2204	0.520 ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	10641	0.426 ug/L	96
63) 1,2,4-Trimethylbenzene	10.915	105	9678	0.387 ug/L	99
64) 1,3-Dichlorobenzene	11.185	146	7767	0.475 ug/L	98
65) 1,4-Dichlorobenzene	11.275	146	7825	0.473 ug/L	97
67) 1,2-Dichlorobenzene	11.645	146	7211	0.472 ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.432	75	412	0.520 ug/L #	85
69) 1,3,5-Trichlorobenzene	12.648	180	5800	0.471 ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	4161	0.447 ug/L	97
71) Naphthalene	13.506	128	6094	0.412 ug/L	97
72) 1,2,3-Trichlorobenzene	13.747	180	3722	0.424 ug/L	97

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