Quantitation Report (QT Reviewed)

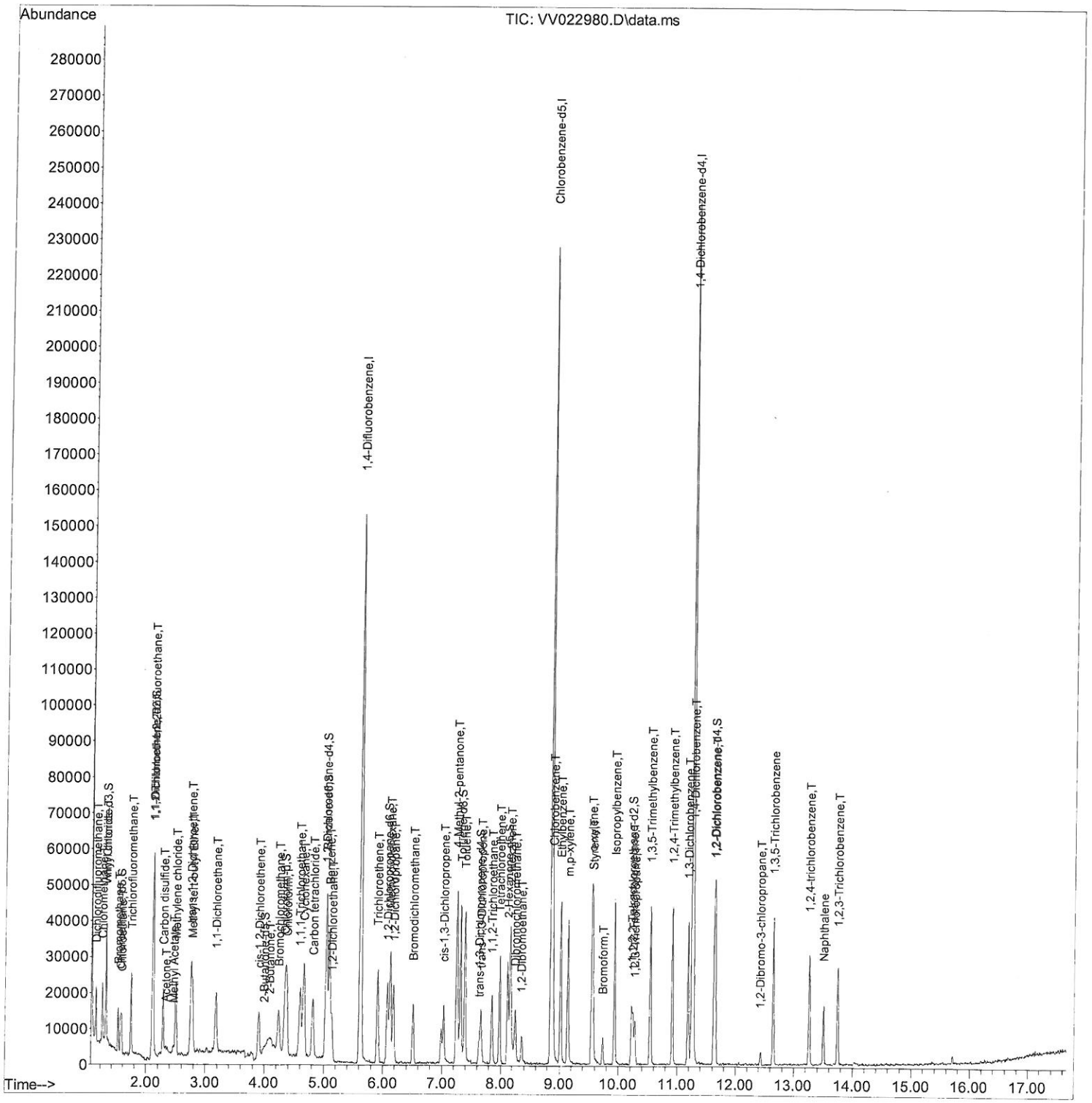
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102221\
Data File : VV022980.D
Acq On : 22 Oct 2021 10:29
Operator : SY/MD
Sample : VSTD00142
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Oct 23 00:41:09 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 :
VSTD001242

Manual IntegrationsAPPROVED

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



Quantitation Report (Qedit)

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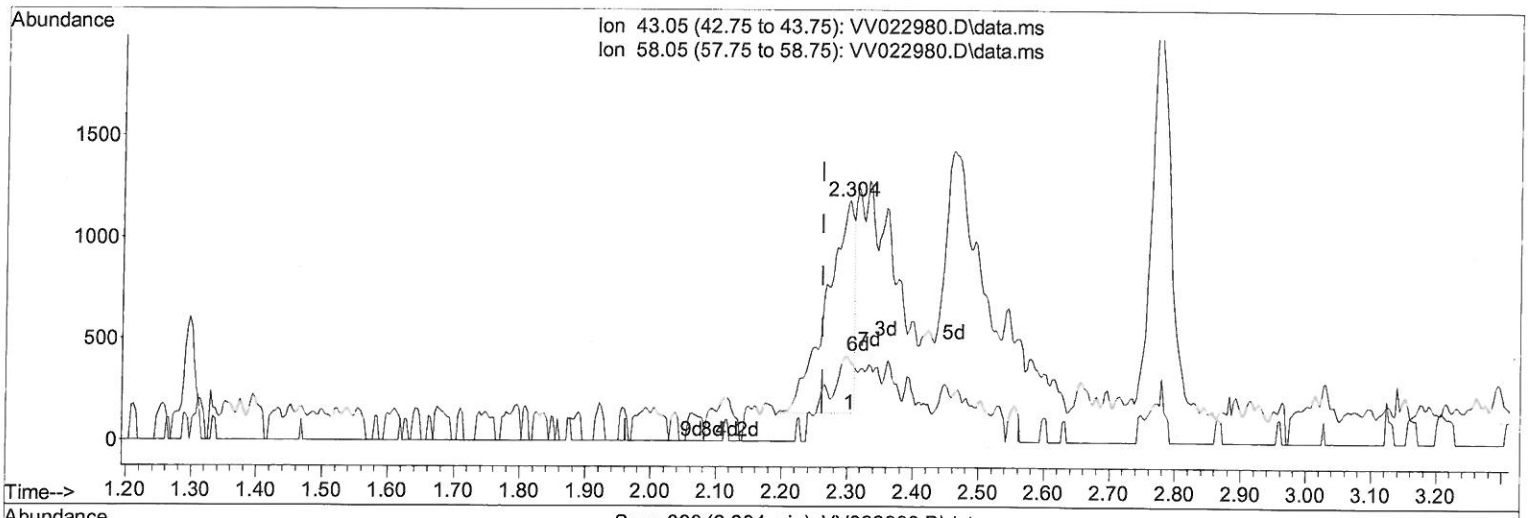

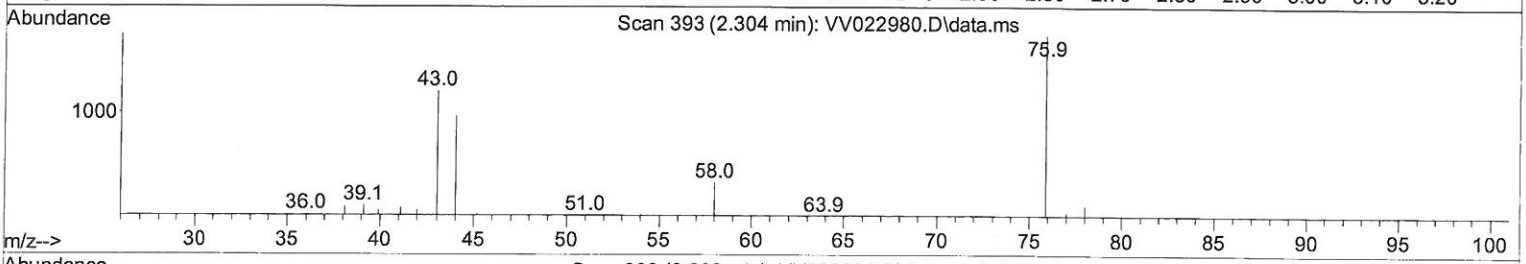

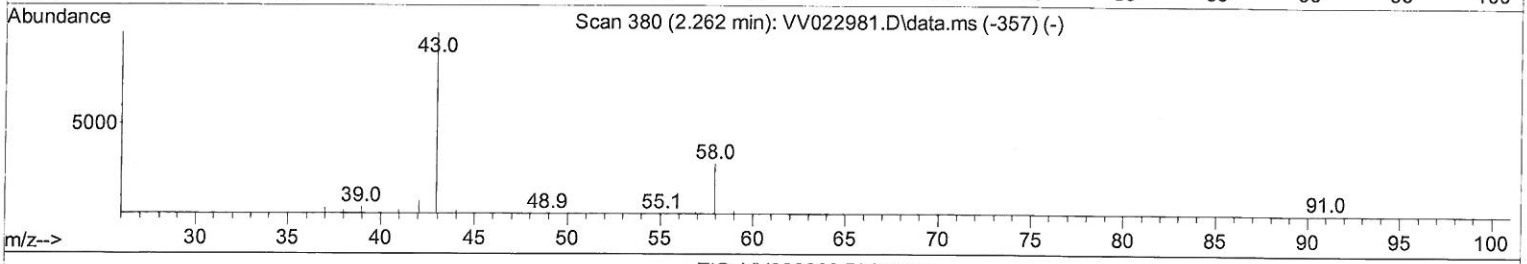

TIC: VV022980.D\data.ms

(13) Acetone (T)

2.304min (+ 0.042) 2.47 ug/L

response 3072

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	27.70	11.91
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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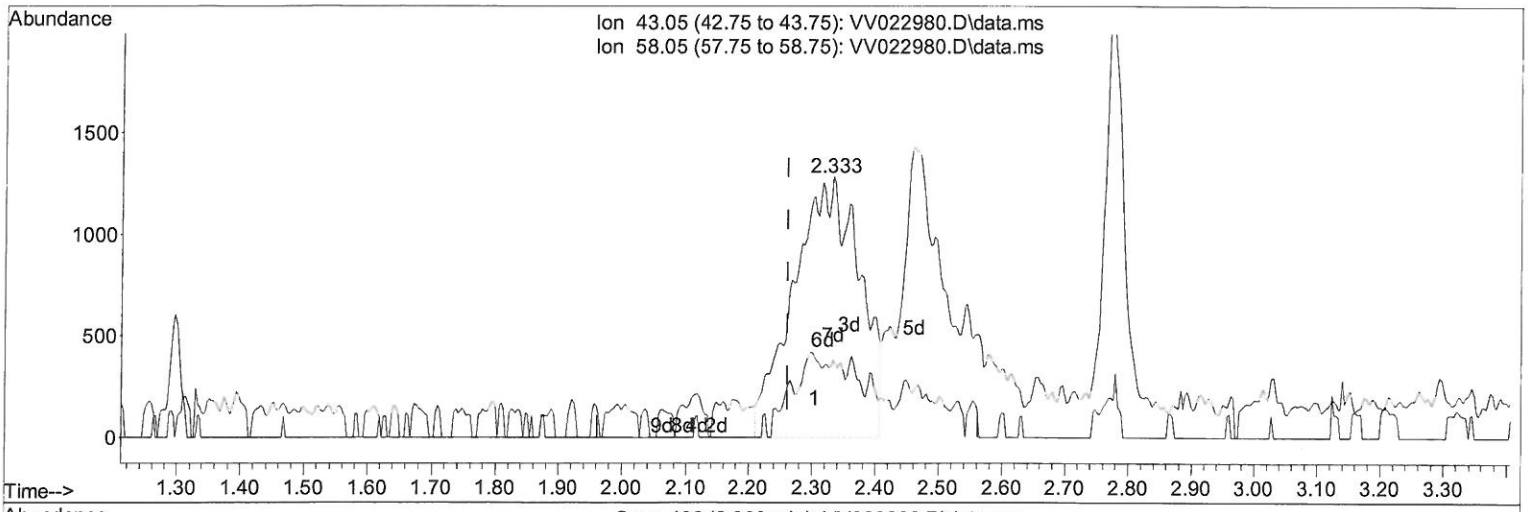

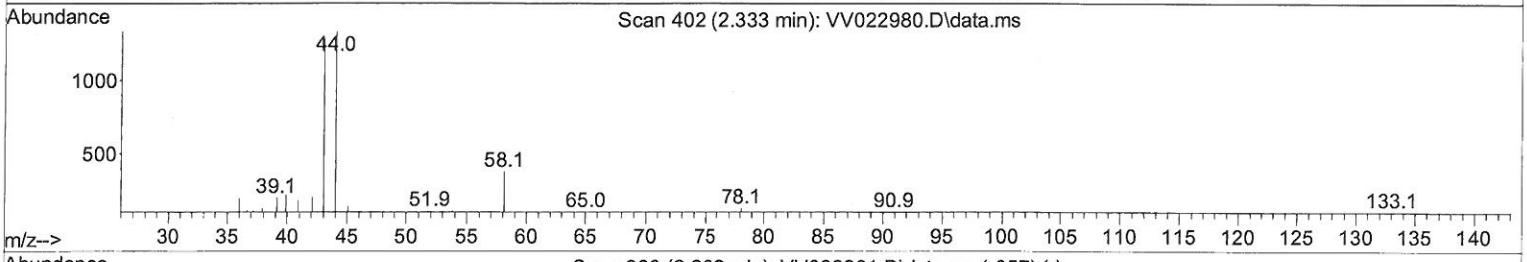

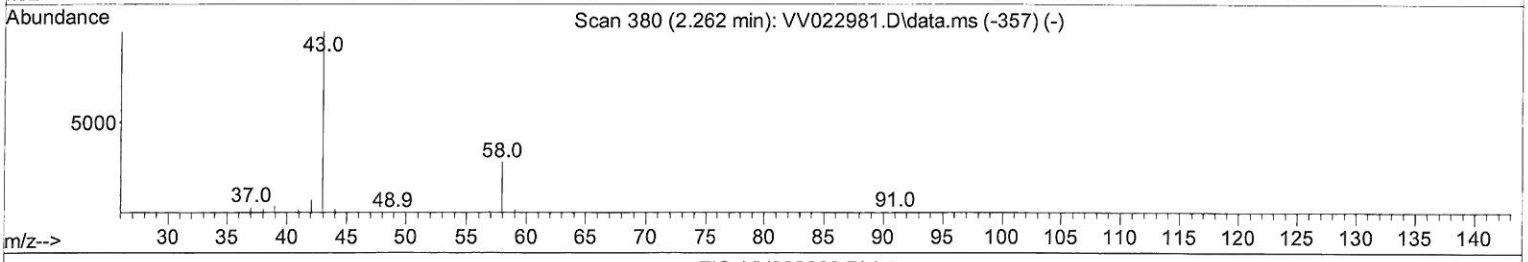

TIC: VV022980.D\data.ms

(13) Acetone (T)

2.333min (+ 0.071) 7.37 ug/L m

response 9170

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	27.70	3.99
0.00	0.00	0.00
0.00	0.00	0.00

SFAMVTR102221WMA.M Sat Oct 23 01:02:33 2021

Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102221\
Data File : VV022980.D
Acq On : 22 Oct 2021 10:29
Operator : SY/MD
Sample : VSTD00142
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Oct 23 00:41:09 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
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Instrument :
MSVOA_V
ClientSampleId :
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Manual IntegrationsAPPROVED

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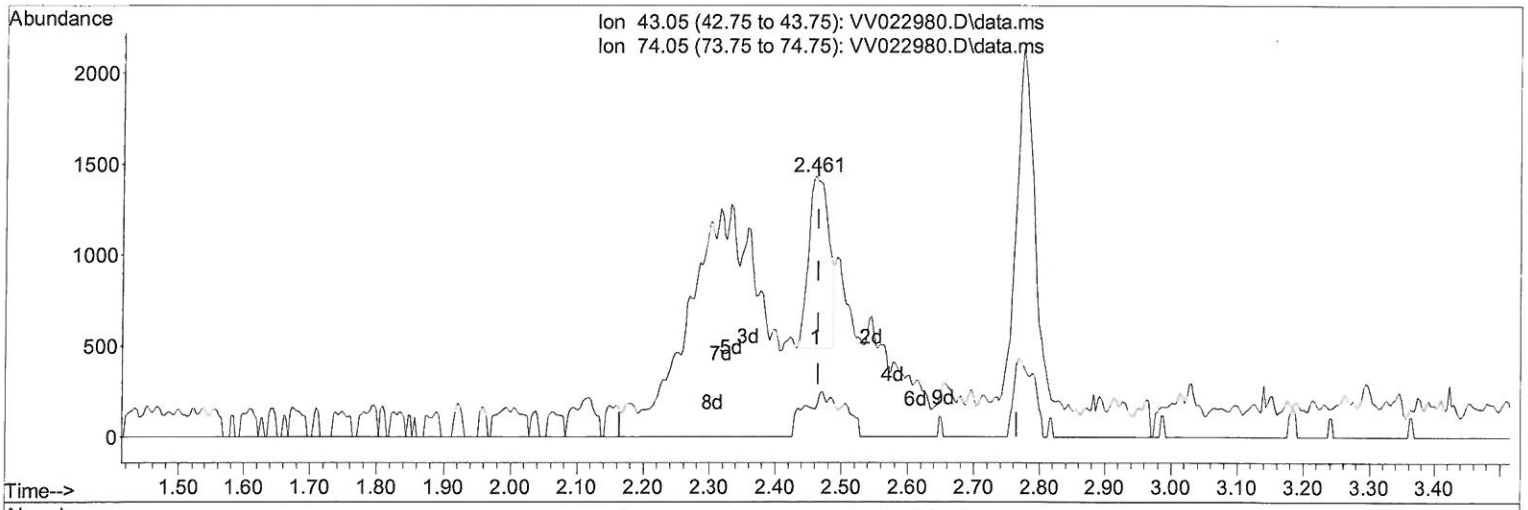

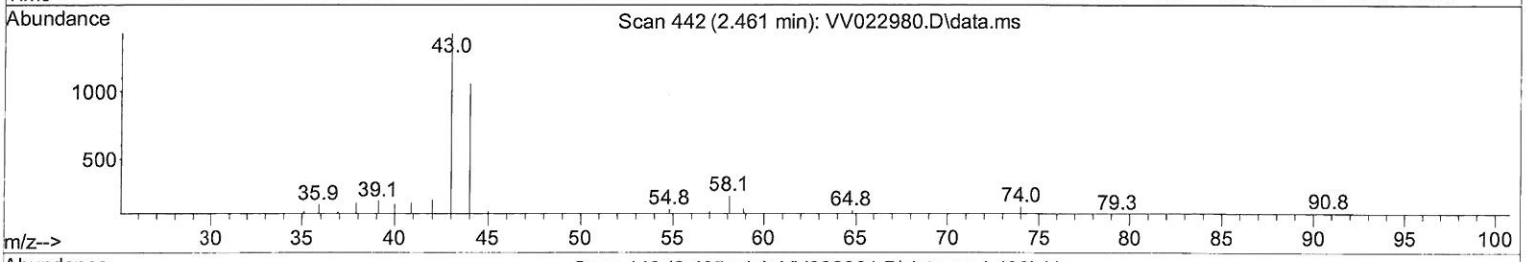

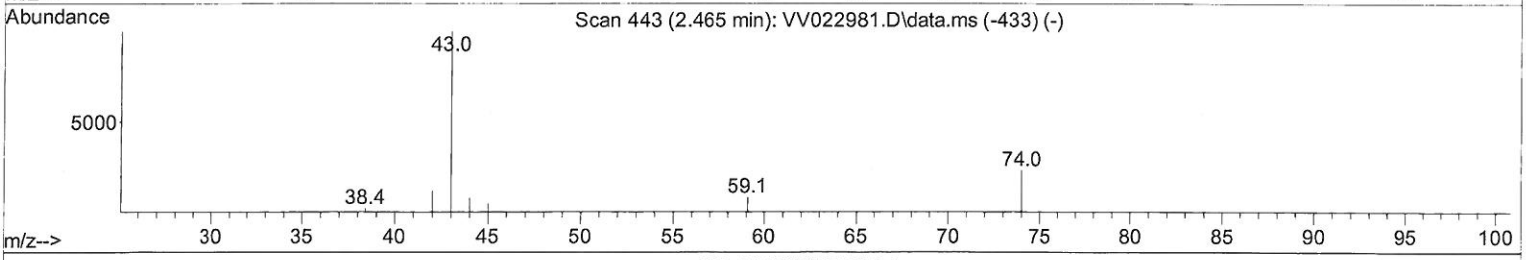

TIC: VV022980.D\data.ms

(15) Methyl Acetate (T)

2.461min (-0.003) 0.60 ug/L

response 2024

Ion	Exp%	Act%
43.05	100.00	100.00
74.05	27.70	3.41#
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 : VV022980.D
Acq On : 22 Oct 2021 10:29
Operator : SY/MD
Sample : VSTD00142
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Oct 23 00:39:32 2021
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Instrument :
MSVOA_V
ClientSampleId :
VSTD001242

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 10/25/2021
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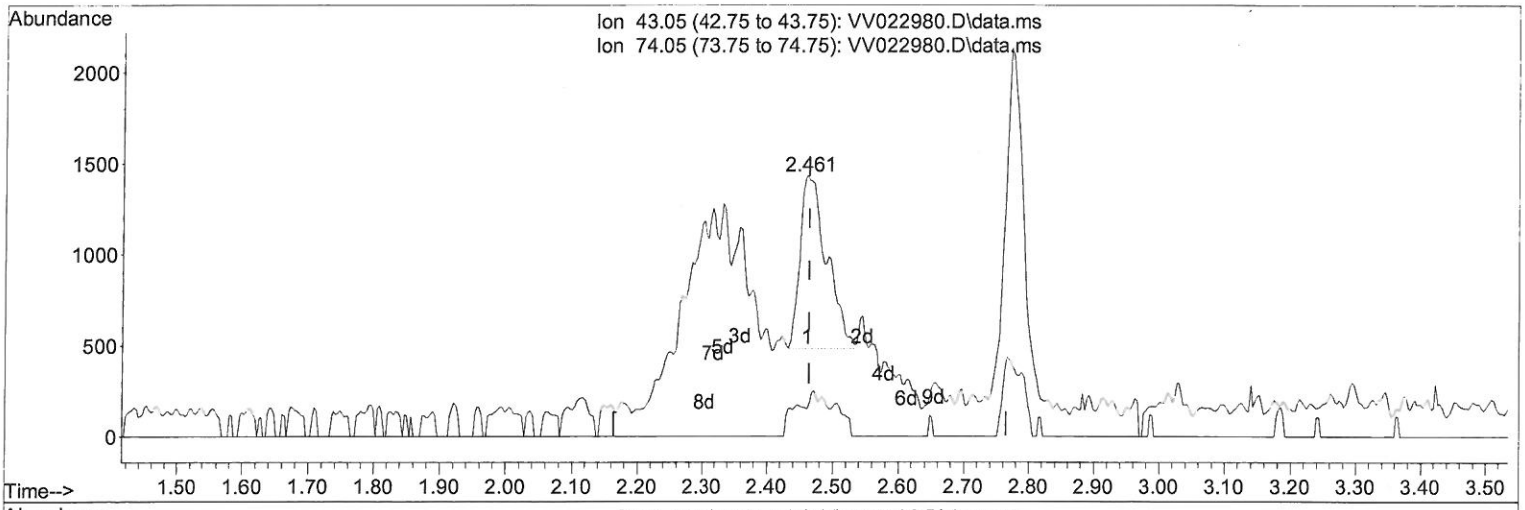

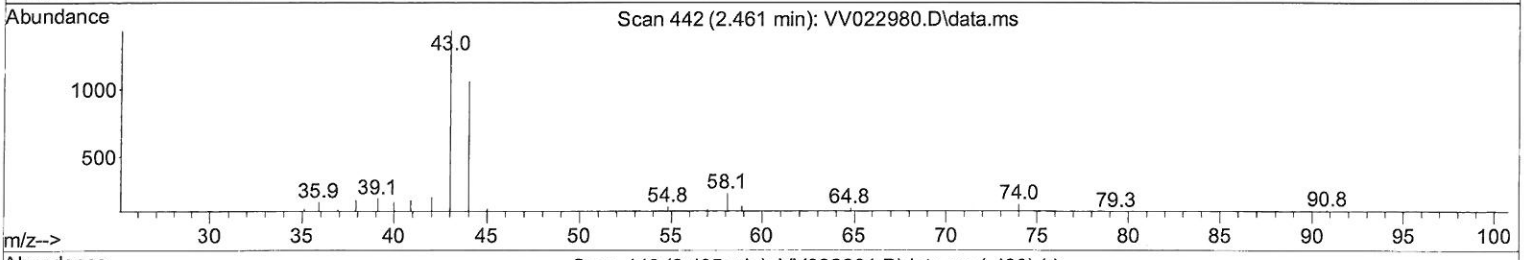

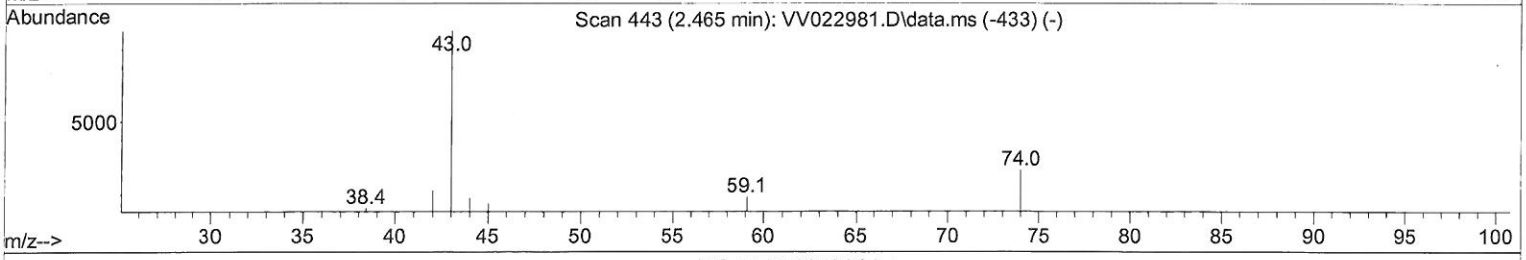

TIC: VV022980.D\data.ms

(15) Methyl Acetate (T)

2.461min (-0.003) 0.79 ug/L m

response 2670

Ion	Exp%	Act%
43.05	100.00	100.00
74.05	27.70	2.58#
0.00	0.00	0.00
0.00	0.00	0.00

SMD 10/27/21

Quantitation Report (Qedit)

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Data File : VV022980.D
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Instrument :
MSVOA_V
ClientSampleId :
VSTD001242

Manual IntegrationsAPPROVED

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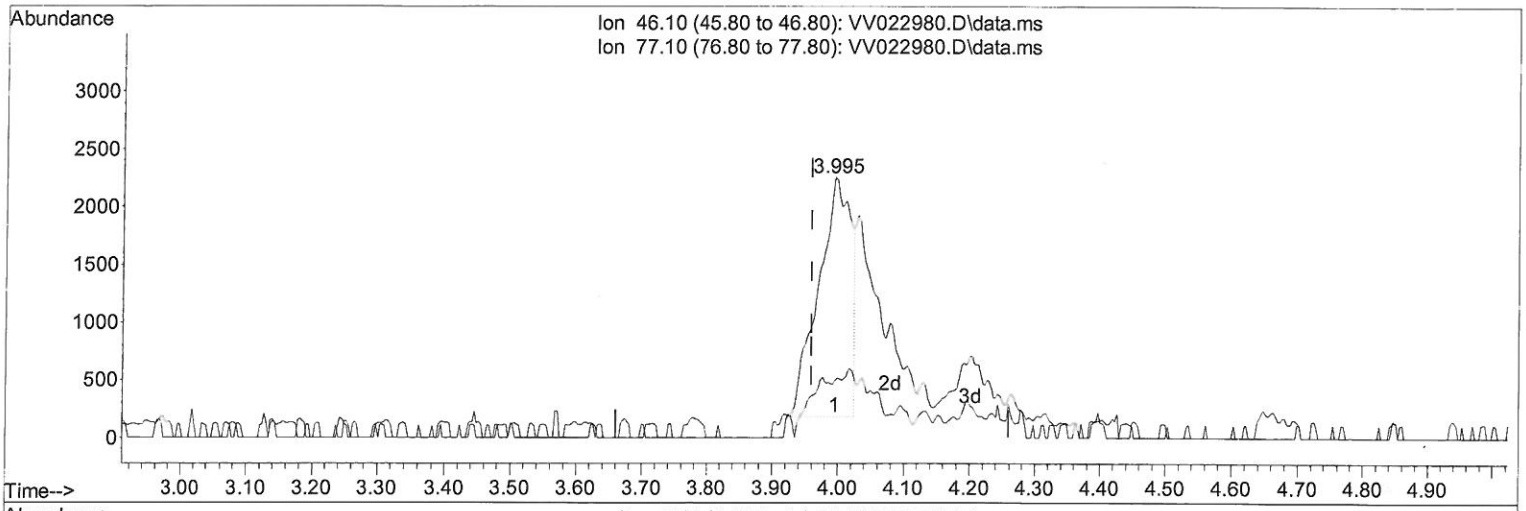

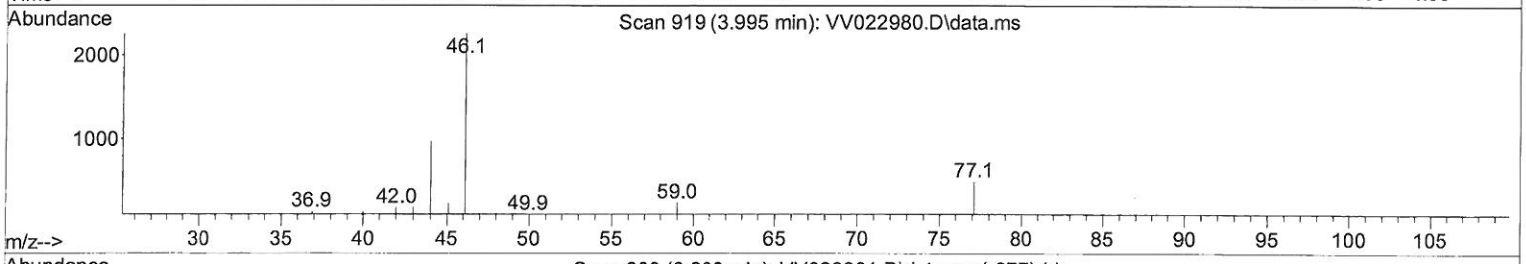

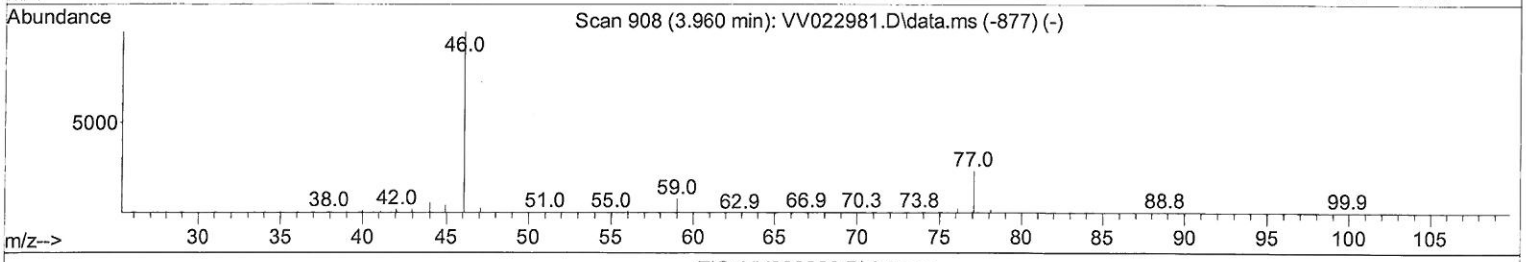

TIC: VV022980.D\data.ms

(20) 2-Butanone-d5 (S)

3.995min (+ 0.035) 3.05 ug/L

response 7112

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	22.30	17.63
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102221\
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Operator : SY/MD
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ClientSampleId :
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Manual IntegrationsAPPROVED

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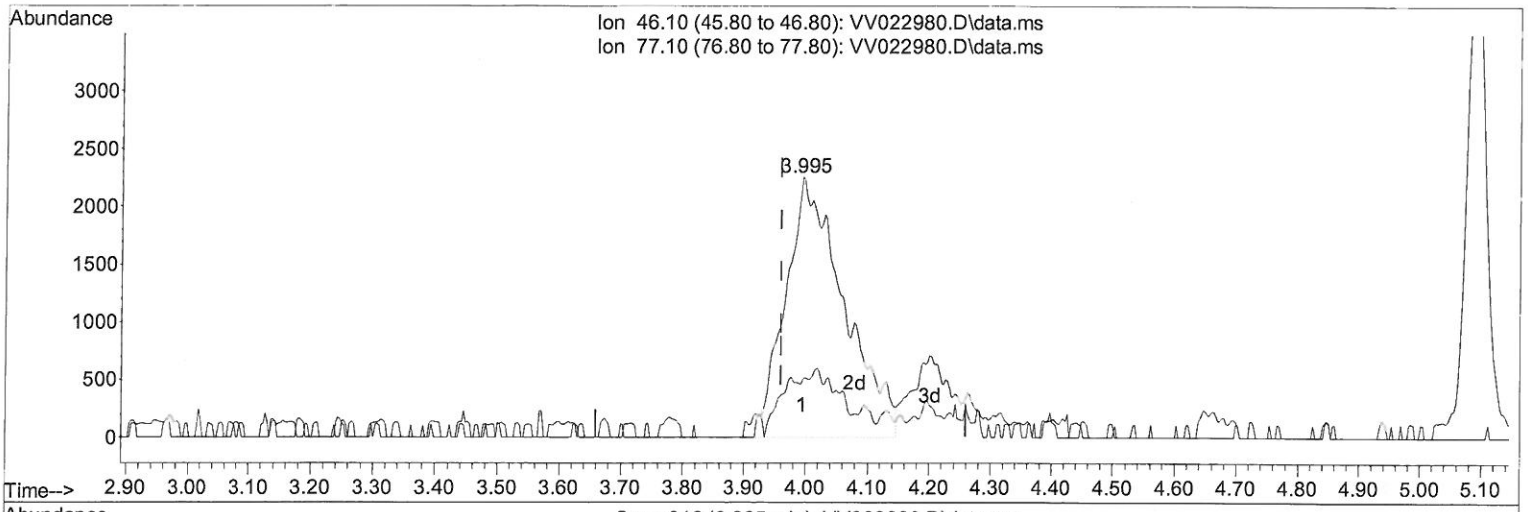

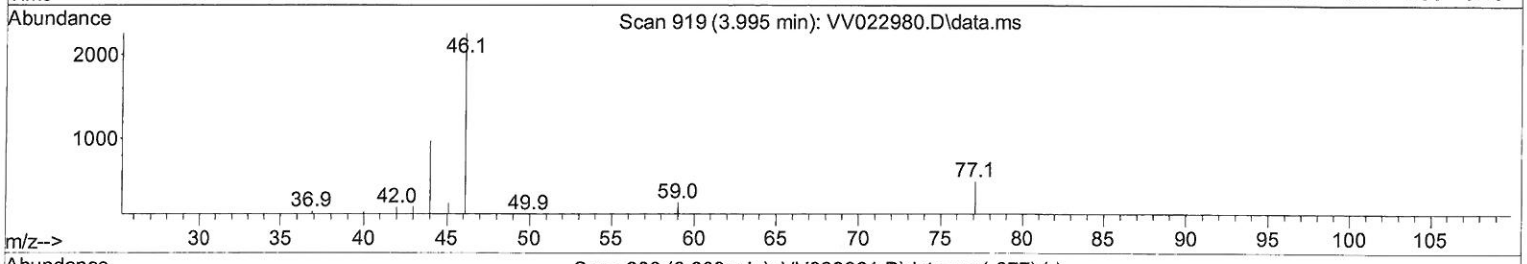

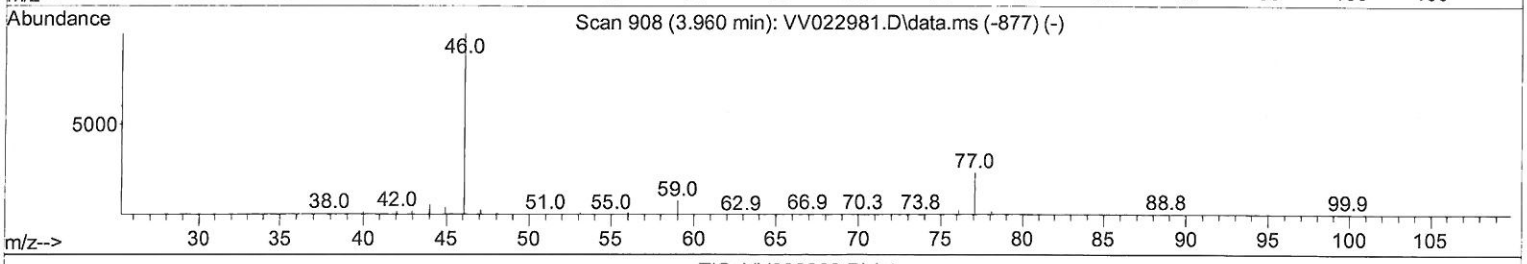

TIC: VV022980.D\data.ms

(20) 2-Butanone-d5 (S)

3.995min (+ 0.035) 6.42 ug/L m

response 14946

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	22.30	8.39#
0.00	0.00	0.00
0.00	0.00	0.00

10/27/21

Quantitation Report (Qedit)

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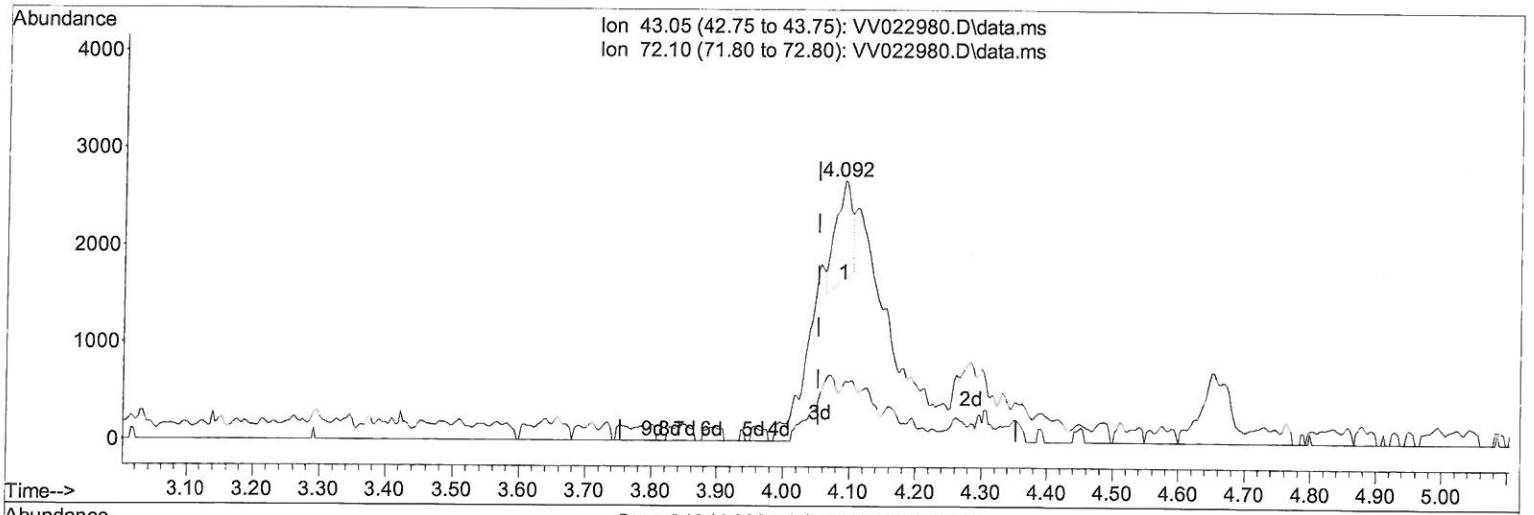

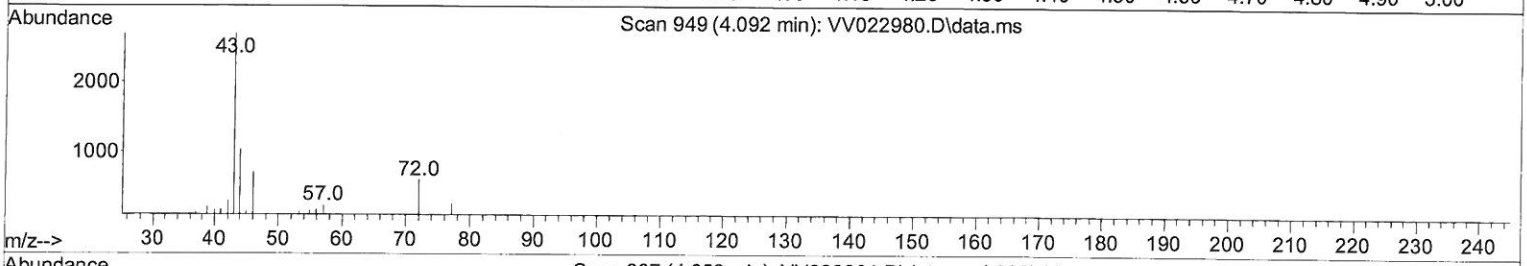

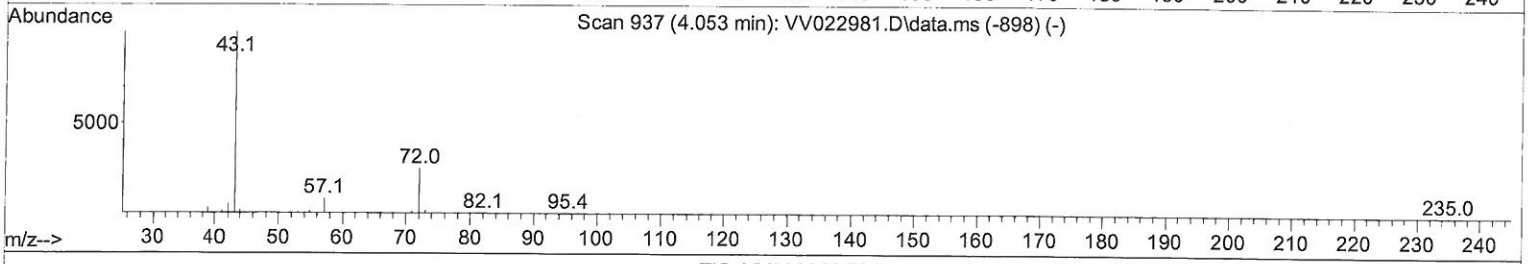

TIC: VV022980.D\data.ms

(21) 2-Butanone (T)

4.092min (+ 0.038) 0.83 ug/L

response 1760

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	23.90	13.98
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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Manual IntegrationsAPPROVED

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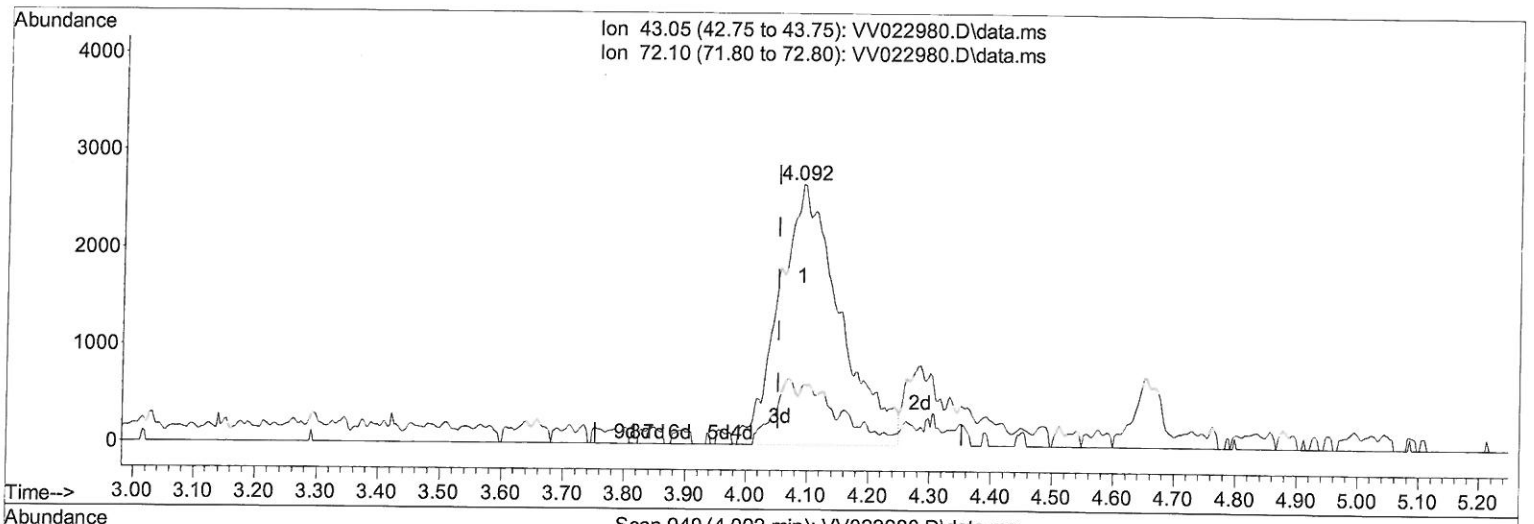

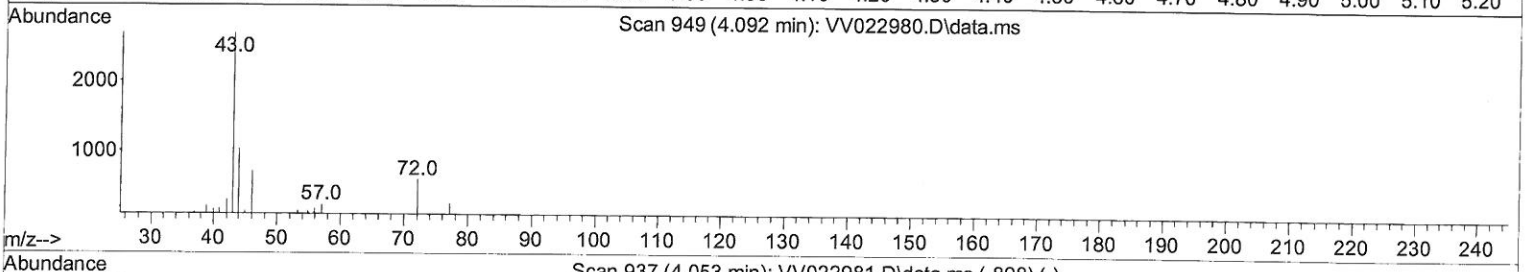

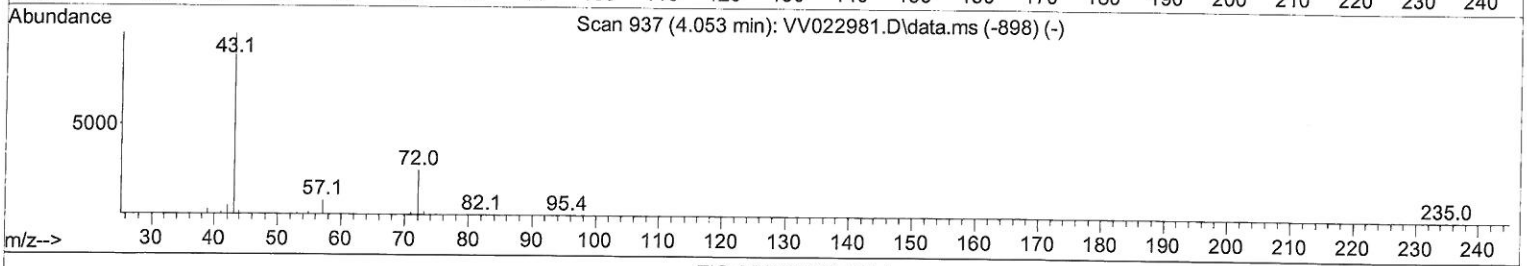

TIC: VV022980.D\data.ms

(21) 2-Butanone (T)

4.092min (+ 0.038) 8.71 ug/L m

response 18433

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	23.90	1.33#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Instrument :
MSVOA_V
ClientSampleId :
VSTD001242

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	5.612	114	130838	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	126496	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	63052	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.297	65	10750	1.107	ug/L	0.00
7) Chloroethane-d5	1.558	69	6329	0.793	ug/L	-0.02
11) 1,1-Dichloroethene-d2	2.101	63	15496	0.878	ug/L	-0.02
20) 2-Butanone-d5	3.995	46	14946m	6.416	ug/L	0.04
24) Chloroform-d	4.342	84	16763	0.891	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.034	65	8854	0.975	ug/L	0.00
32) Benzene-d6	5.040	84	35568	0.925	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	10222	0.898	ug/L	-0.02
41) Toluene-d8	7.316	98	26805	0.801	ug/L	-0.01
43) trans-1,3-Dichloroprop...	7.632	79	3561	0.934	ug/L	0.00
46) 2-Hexanone-d5	8.114	63	10457	7.015	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.220	84	7060	0.924	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	10200	0.867	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	8165	0.878	ug/L	99
3) Chloromethane	1.236	50	9573	1.014	ug/L	100
5) Vinyl chloride	1.301	62	9265	0.946	ug/L	98
6) Bromomethane	1.513	94	4720	0.805	ug/L	99
8) Chloroethane	1.577	64	5055	0.863	ug/L	99
9) Trichlorofluoromethane	1.744	101	12861	0.920	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	7067	0.861	ug/L	99
12) 1,1-Dichloroethene	2.111	96	6980	0.907	ug/L	94
13) Acetone	2.333	43	9170m	7.369	ug/L	
14) Carbon disulfide	2.285	76	18875	0.878	ug/L	98
15) Methyl Acetate	2.461	43	2670m	0.786	ug/L	
16) Methylene chloride	2.500	84	7696	0.752	ug/L	91
17) Methyl tert-butyl Ether	2.776	73	17745	0.994	ug/L	97
18) trans-1,2-Dichloroethene	2.748	96	7934	0.980	ug/L	95
19) 1,1-Dichloroethane	3.182	63	15116	1.035	ug/L	96
21) 2-Butanone	4.092	43	18433m	8.713	ug/L	
22) cis-1,2-Dichloroethene	3.905	96	7147	0.797	ug/L #	92
23) Bromochloromethane	4.239	128	3881	0.986	ug/L	86
25) Chloroform	4.374	83	17637	0.998	ug/L	91
27) 1,2-Dichloroethane	5.133	62	10317	1.160	ug/L	100
29) 1,1,1-Trichloroethane	4.593	97	14303	0.987	ug/L	98
30) Cyclohexane	4.657	56	13163	0.995	ug/L	98
31) Carbon tetrachloride	4.815	117	12082	0.964	ug/L	98
33) Benzene	5.091	78	36003	1.054	ug/L	100
34) Trichloroethene	5.908	95	8356	0.910	ug/L	98
35) Methylcyclohexane	6.117	83	11069	0.858	ug/L	99
37) 1,2-Dichloropropane	6.175	63	8591	1.046	ug/L #	91
38) Bromodichloromethane	6.509	83	10793	1.062	ug/L	99
39) cis-1,3-Dichloropropene	7.030	75	9852	0.917	ug/L	100
40) 4-Methyl-2-pentanone	7.252	43	35576	8.238	ug/L	98
42) Toluene	7.387	91	31288	0.900	ug/L	98

MD 10/27/21

MD 10/27/21

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102221\
Data File : VV022980.D
Acq On : 22 Oct 2021 10:29
Operator : SY/MD
Sample : VSTD00142
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Oct 23 00:41:09 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 :
VSTD001242

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	7.661	75	8224	0.931 ug/L	100
45) 1,1,2-Trichloroethane	7.847	97	6167	1.019 ug/L	98
47) Tetrachloroethene	7.972	164	6875	0.921 ug/L	94
48) 2-Hexanone	8.162	43	25328	8.021 ug/L	93
49) Dibromochloromethane	8.249	129	7155	1.007 ug/L	99
50) 1,2-Dibromoethane	8.355	107	5336	0.952 ug/L #	90
51) Chlorobenzene	8.882	112	21938	0.968 ug/L	98
52) Ethylbenzene	9.014	91	30028	0.863 ug/L	100
53) m,p-xylene	9.140	106	11792	0.856 ug/L	91
54) o-xylene	9.545	106	11129	0.866 ug/L	98
55) Styrene	9.564	104	18250	0.823 ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.246	83	7017	1.133 ug/L	99
59) Bromoform	9.734	173	3774	1.069 ug/L	97
60) Isopropylbenzene	9.931	105	28860	0.902 ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	4666	1.073 ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	23377	0.913 ug/L	95
63) 1,2,4-Trimethylbenzene	10.914	105	22252	0.867 ug/L	98
64) 1,3-Dichlorobenzene	11.181	146	16223	0.967 ug/L	89
65) 1,4-Dichlorobenzene	11.275	146	17712	1.043 ug/L	100
67) 1,2-Dichlorobenzene	11.644	146	15487	0.987 ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.429	75	921	1.132 ug/L	95
69) 1,3,5-Trichlorobenzene	12.647	180	12992	1.028 ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	9502	0.994 ug/L	95
71) Naphthalene	13.506	128	12626	0.831 ug/L	100
72) 1,2,3-Trichlorobenzene	13.747	180	8432	0.937 ug/L	96

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