Quantitation Report (QT Reviewed)

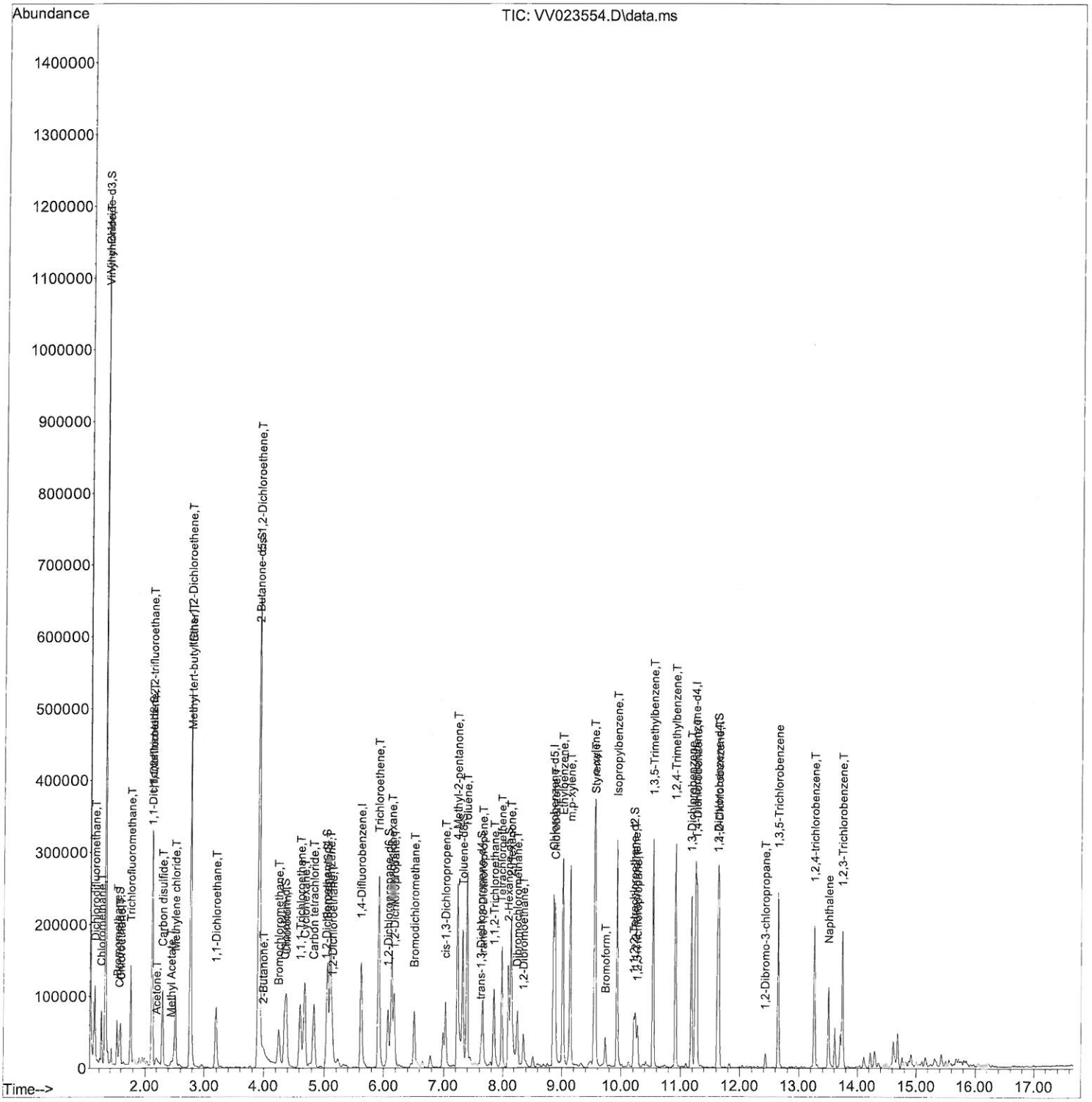
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111621\
Data File : VV023554.D
Acq On : 16 Nov 2021 23:33
Operator : SY/MD
Sample : M4627-04MSD
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Nov 17 03:41:01 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 17 02:49:39 2021
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
H4637MSD

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111621\
Data File : VV023554.D
Acq On : 16 Nov 2021 23:33
Operator : SY/MD
Sample : M4627-04MSD
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Nov 17 03:41:01 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 17 02:49:39 2021
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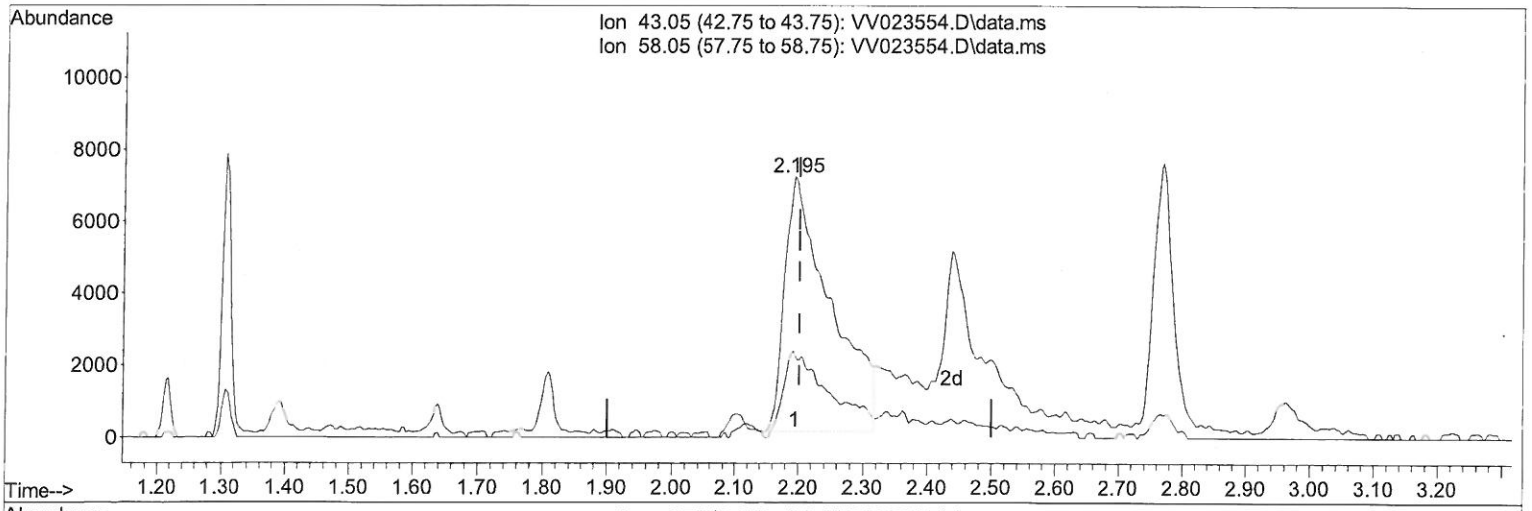

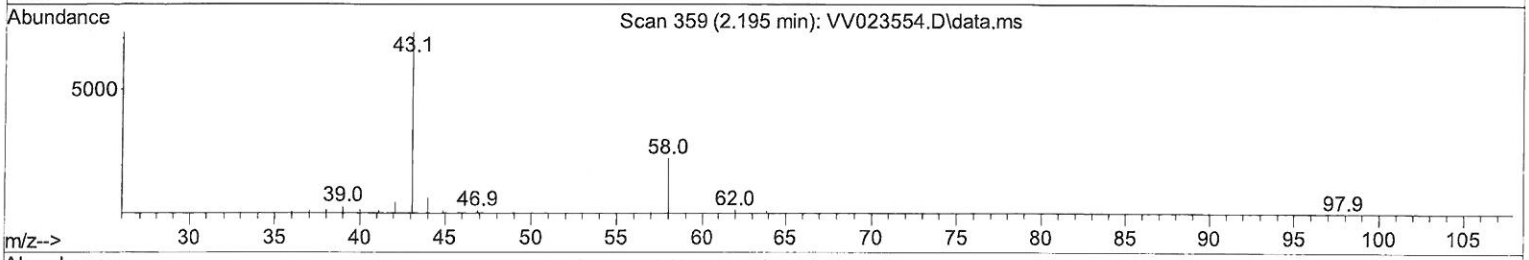

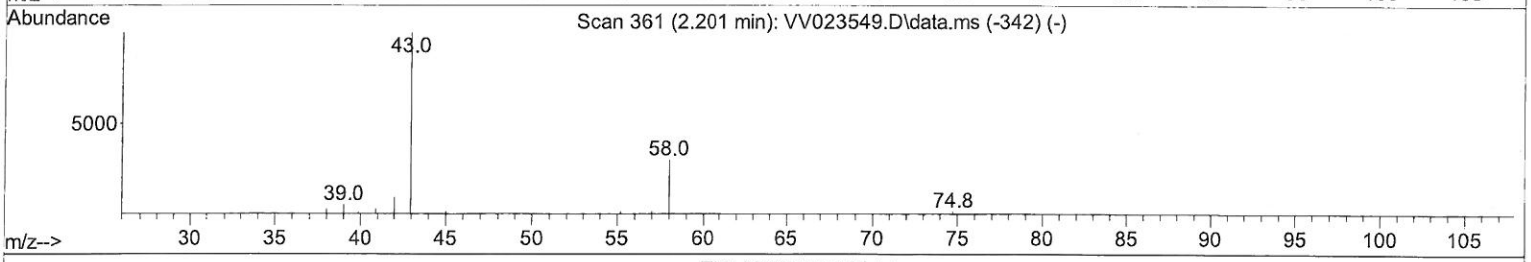

TIC: VV023554.D\data.ms

(13) Acetone (T)

2.195min (-0.007) 40.65 ug/L

response 35102

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	27.70	28.09
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111621\
Data File : VV023554.D
Acq On : 16 Nov 2021 23:33
Operator : SY/MD
Sample : M4627-04MSD
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Nov 17 03:41:01 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 17 02:49:39 2021
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Instrument :
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Reviewed By :John Carlone 11/17/2021
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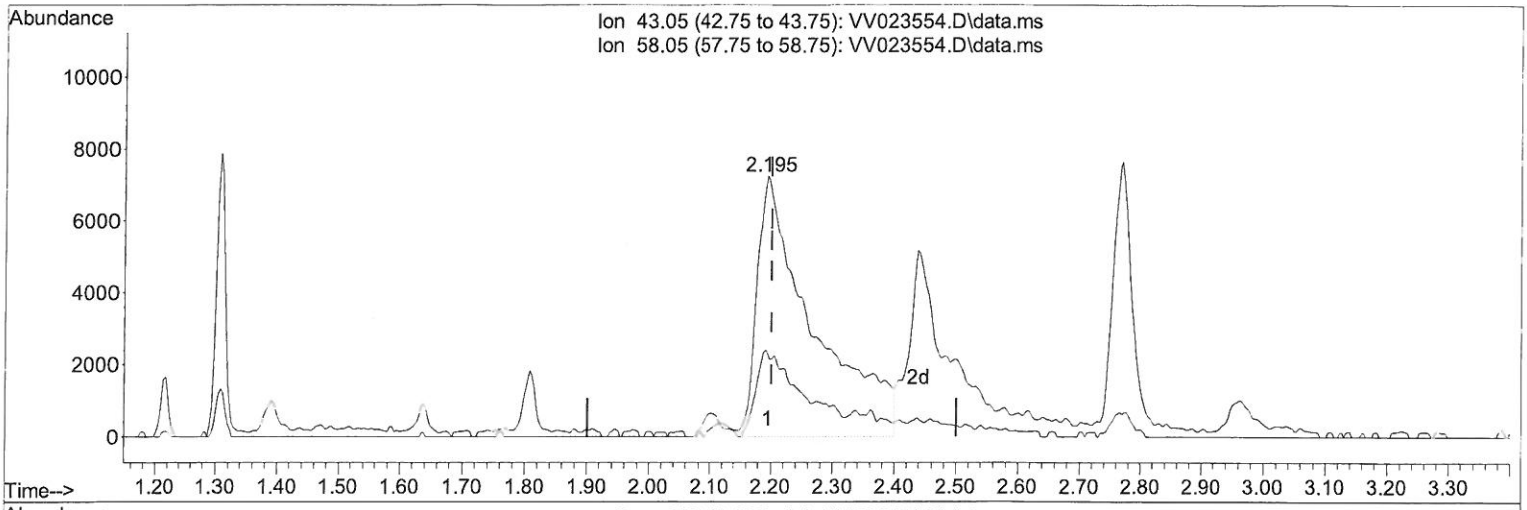

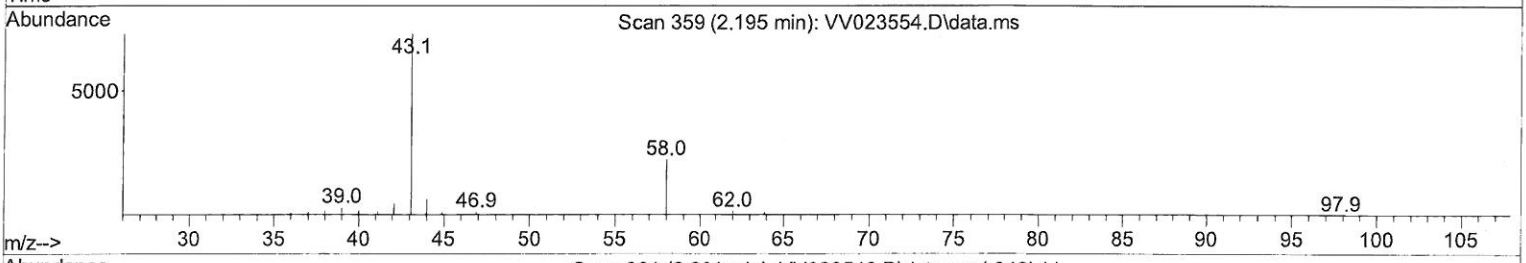

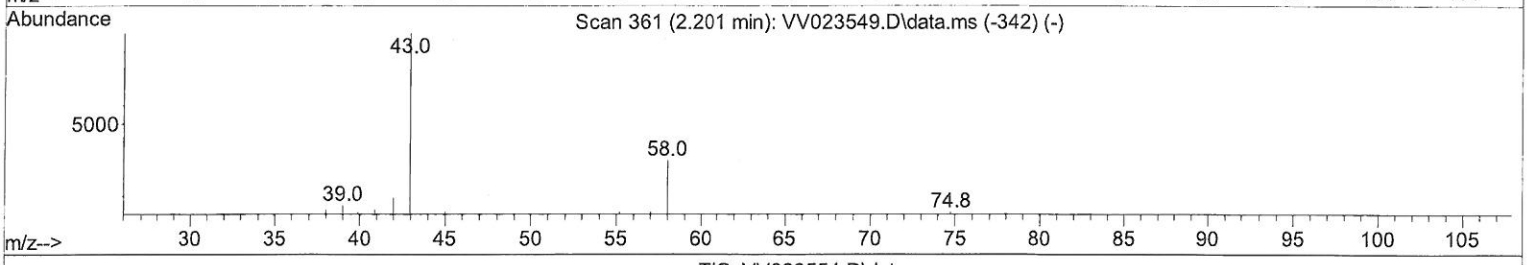

TIC: VV023554.D\data.ms

(13) Acetone (T)

2.195min (-0.007) 52.37 ug/L m 7MD 11/26/21

response 45221

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	27.70	21.80
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111621\
Data File : VV023554.D
Acq On : 16 Nov 2021 23:33
Operator : SY/MD
Sample : M4627-04MSD
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Nov 17 03:41:01 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 17 02:49:39 2021
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
H4637MSD

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 11/17/2021
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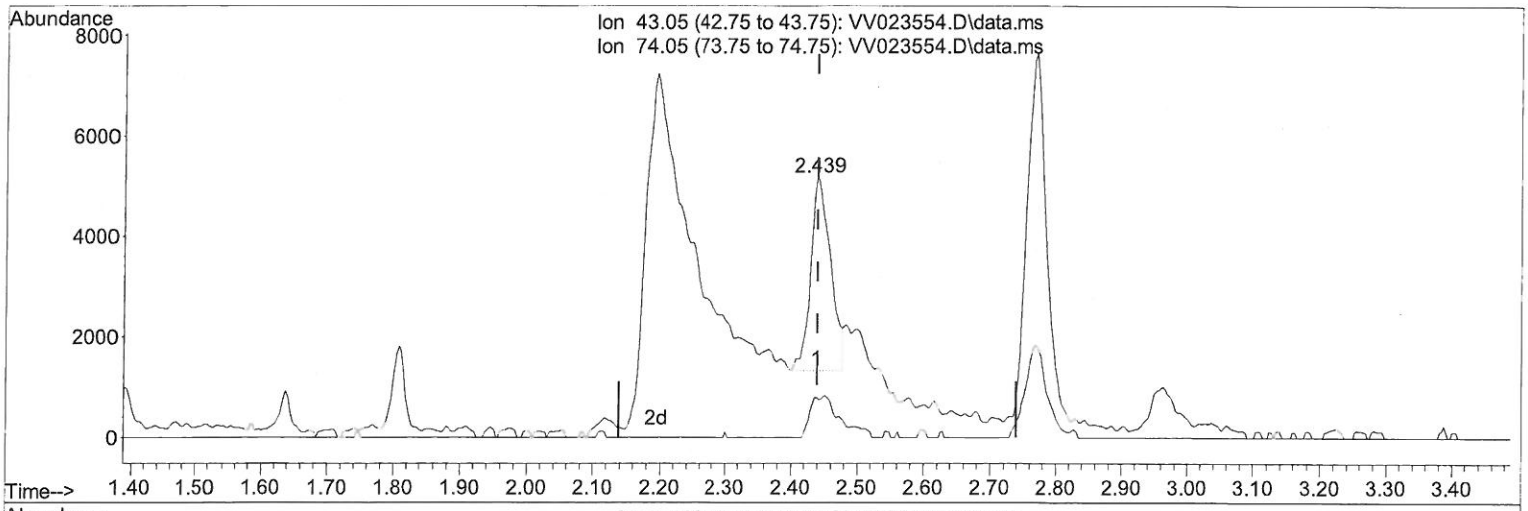
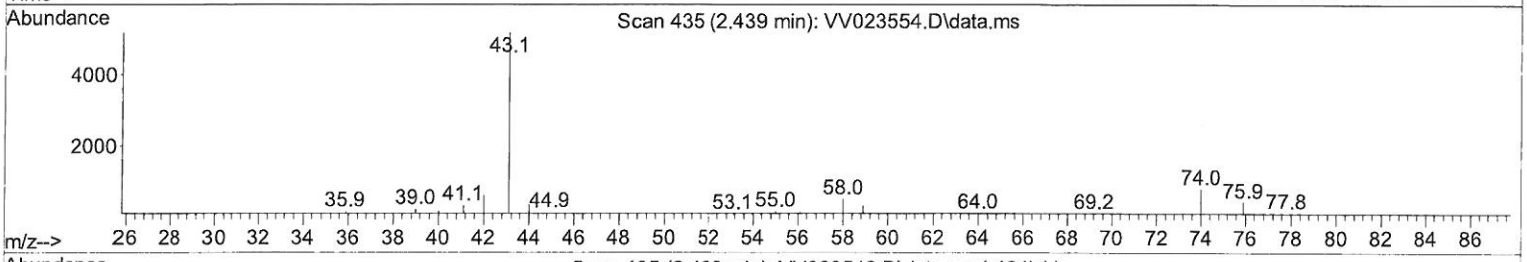
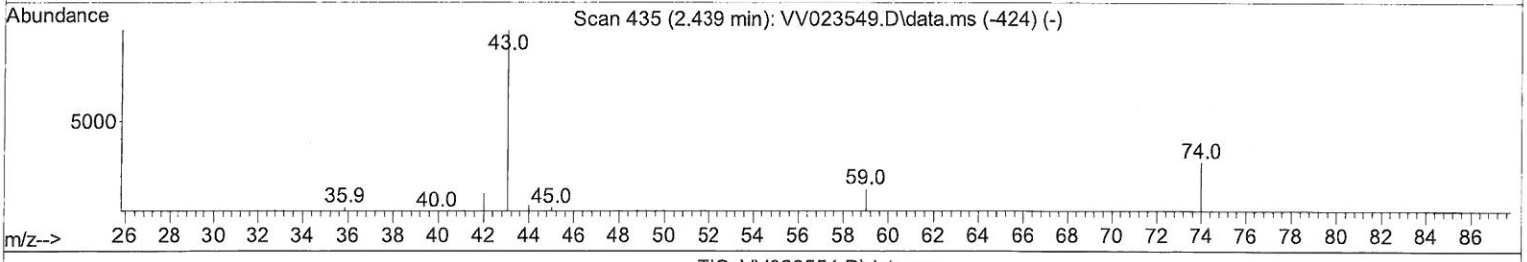






TIC: VV023554.D\data.ms

(15) Methyl Acetate (T)

2.439min (-0.000) 3.28 ug/L

response 8010

Ion	Exp%	Act%
43.05	100.00	100.00
74.05	27.70	10.04#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

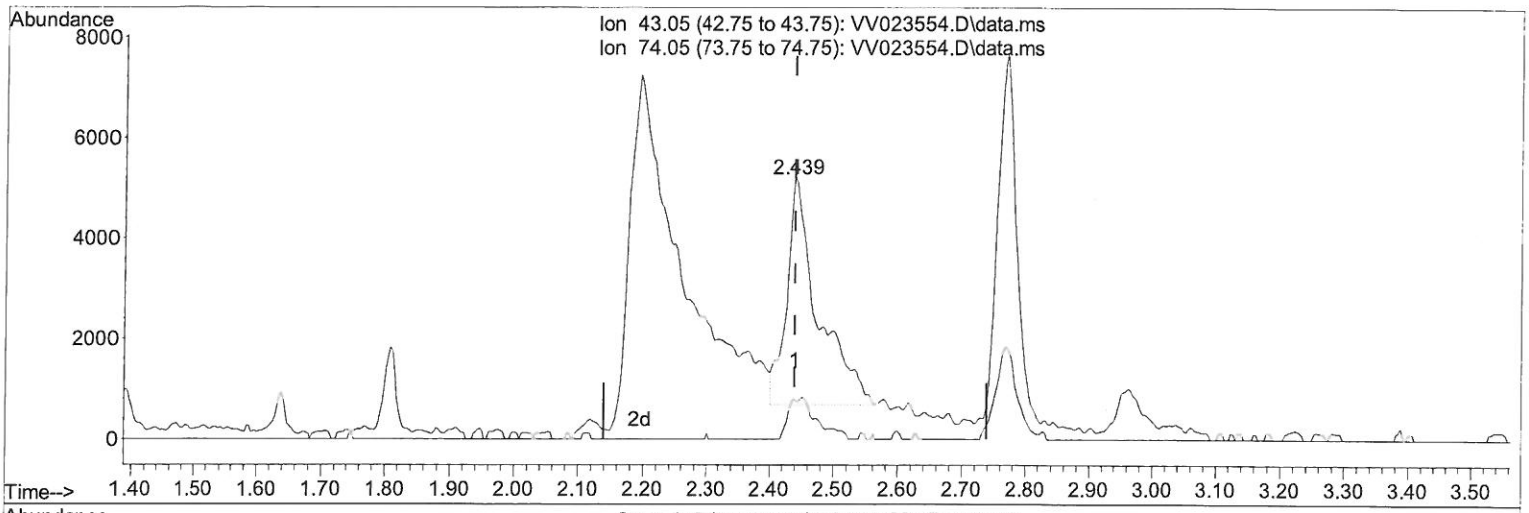
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111621\
Data File : VV023554.D
Acq On : 16 Nov 2021 23:33
Operator : SY/MD
Sample : M4627-04MSD
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 35 Sample Multiplier: 1

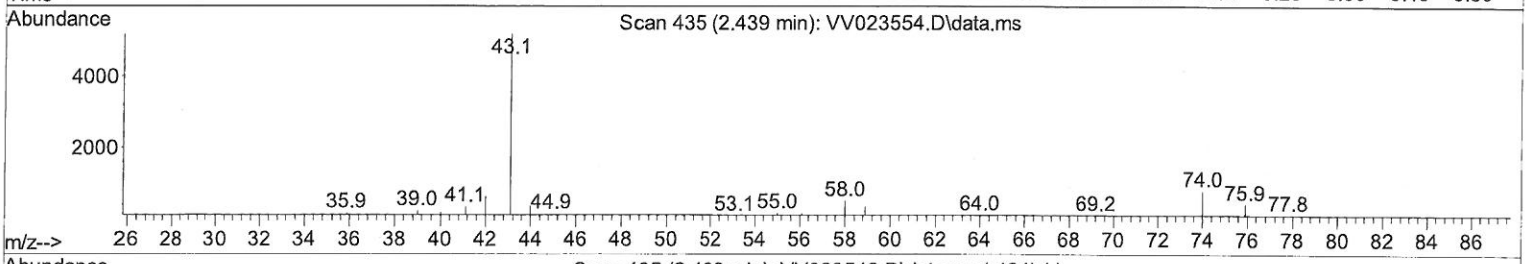
Quant Time: Nov 17 03:41:01 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 17 02:49:39 2021
Response via : Initial Calibration

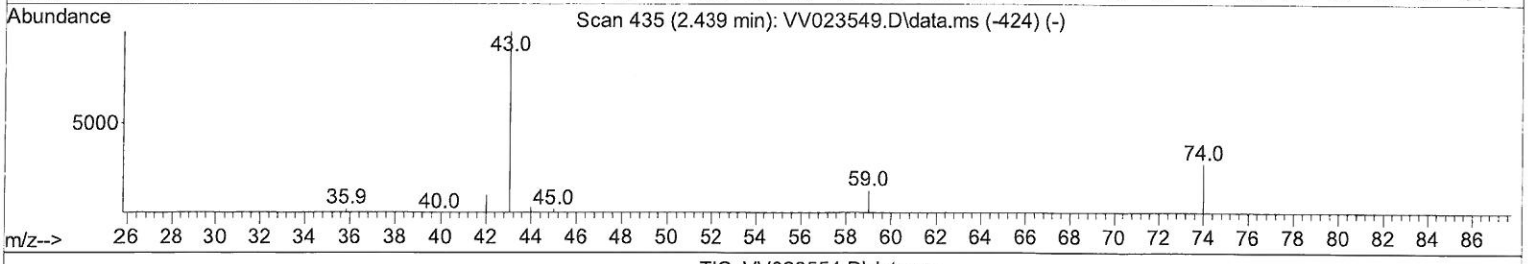
Instrument :
MSVOA_V
ClientSampleId :
H4637MSD

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021







TIC: VV023554.D\data.ms

(15) Methyl Acetate (T)

2.439min (-0.000) 6.29 ug/L m

response 15361

Ion	Exp%	Act%
43.05	100.00	100.00
74.05	27.70	5.23#
0.00	0.00	0.00
0.00	0.00	0.00

SMD 11/26/21

Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111621\
Data File : VV023554.D
Acq On : 16 Nov 2021 23:33
Operator : SY/MD
Sample : M4627-04MSD
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Nov 17 03:41:01 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 17 02:49:39 2021
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
H4637MSD

Manual IntegrationsAPPROVED

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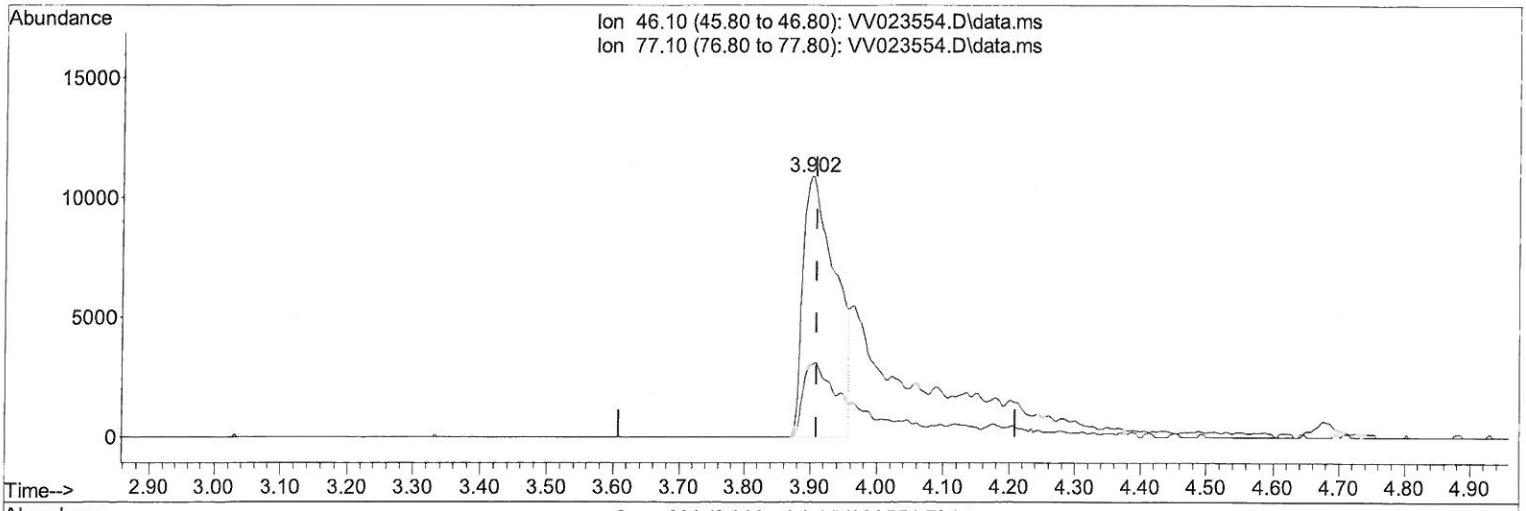
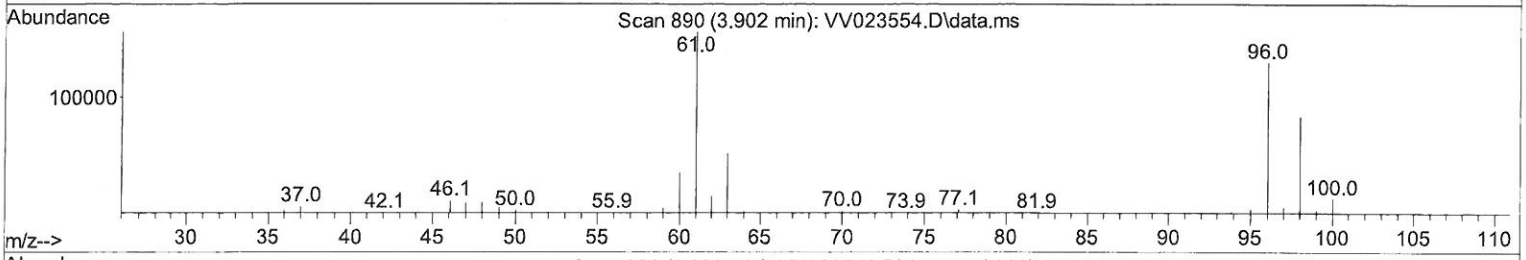
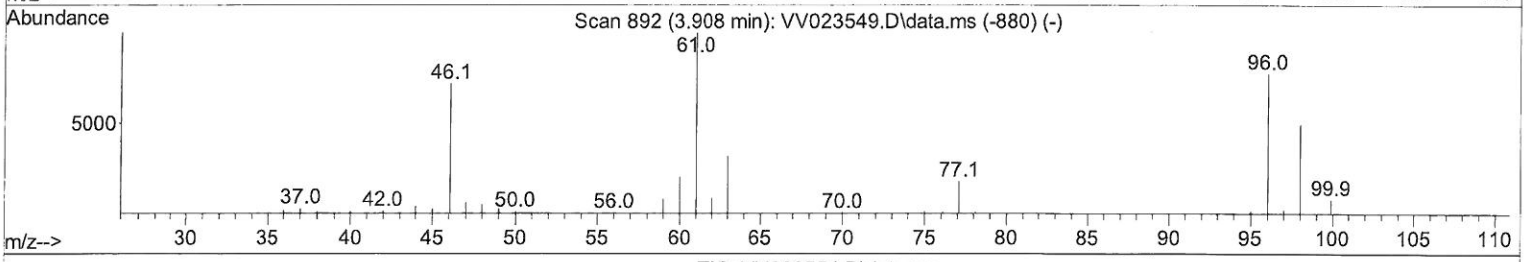






TIC: VV023554.D\data.ms

(20) 2-Butanone-d5 (S)

3.902min (-0.007) 25.82 ug/L

response 36491

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	22.30	22.47
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

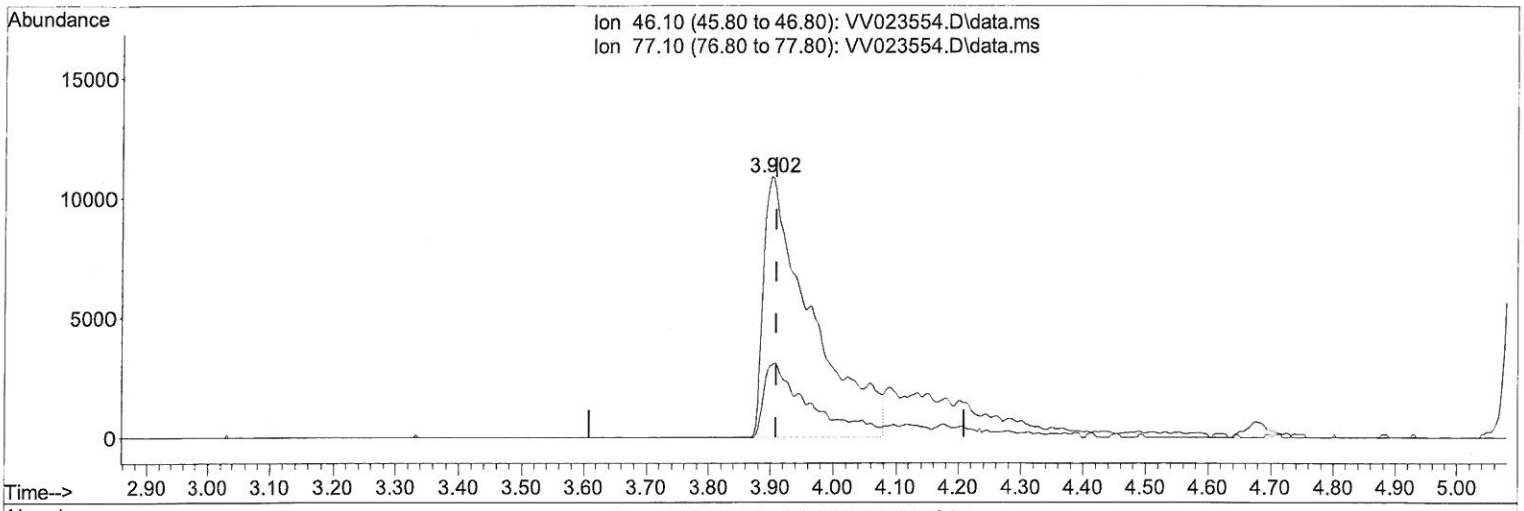
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111621\
Data File : VV023554.D
Acq On : 16 Nov 2021 23:33
Operator : SY/MD
Sample : M4627-04MSD
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 35 Sample Multiplier: 1

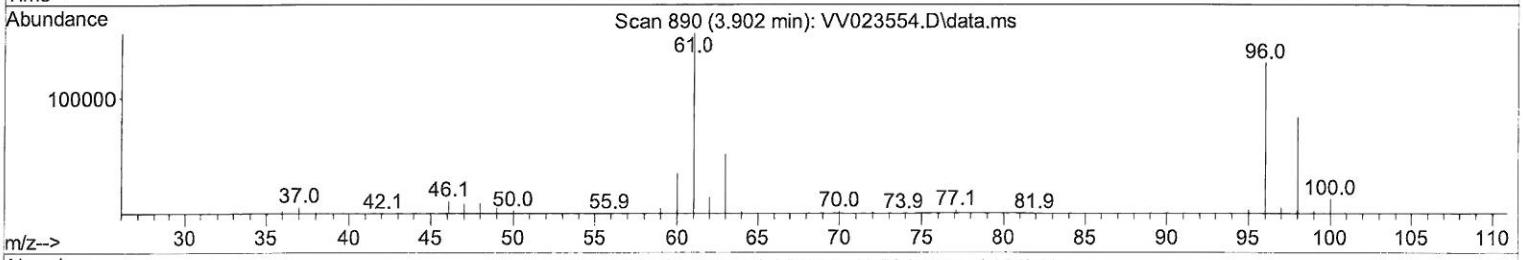
Quant Time: Nov 17 03:41:01 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 17 02:49:39 2021
Response via : Initial Calibration

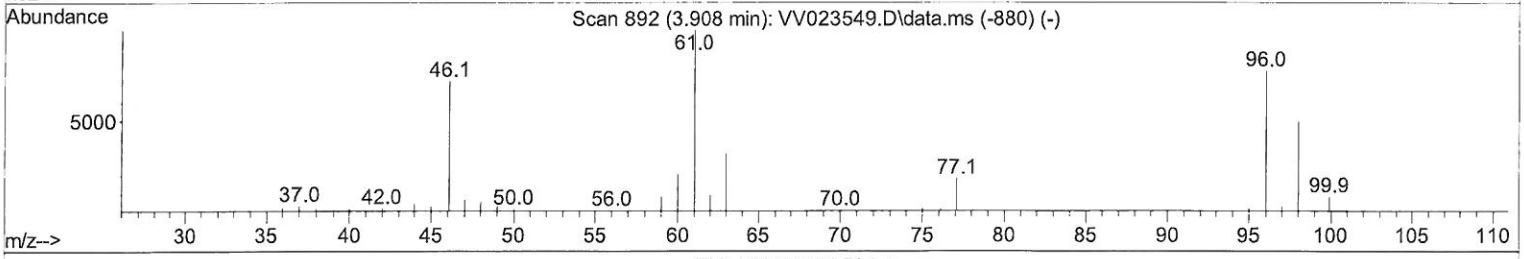
Instrument :
MSVOA_V
ClientSampleId :
H4637MSD

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021







TIC: VV023554.D\data.ms

(20) 2-Butanone-d5 (S)

3.902min (-0.007) 41.08 ug/L m

response 58052

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	22.30	14.12#
0.00	0.00	0.00
0.00	0.00	0.00

SY MD 11/26/21

Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111621\
Data File : VV023554.D
Acq On : 16 Nov 2021 23:33
Operator : SY/MD
Sample : M4627-04MSD
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Nov 17 03:41:01 2021
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Quant Title : TRACE VOA SFAM1.0
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Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

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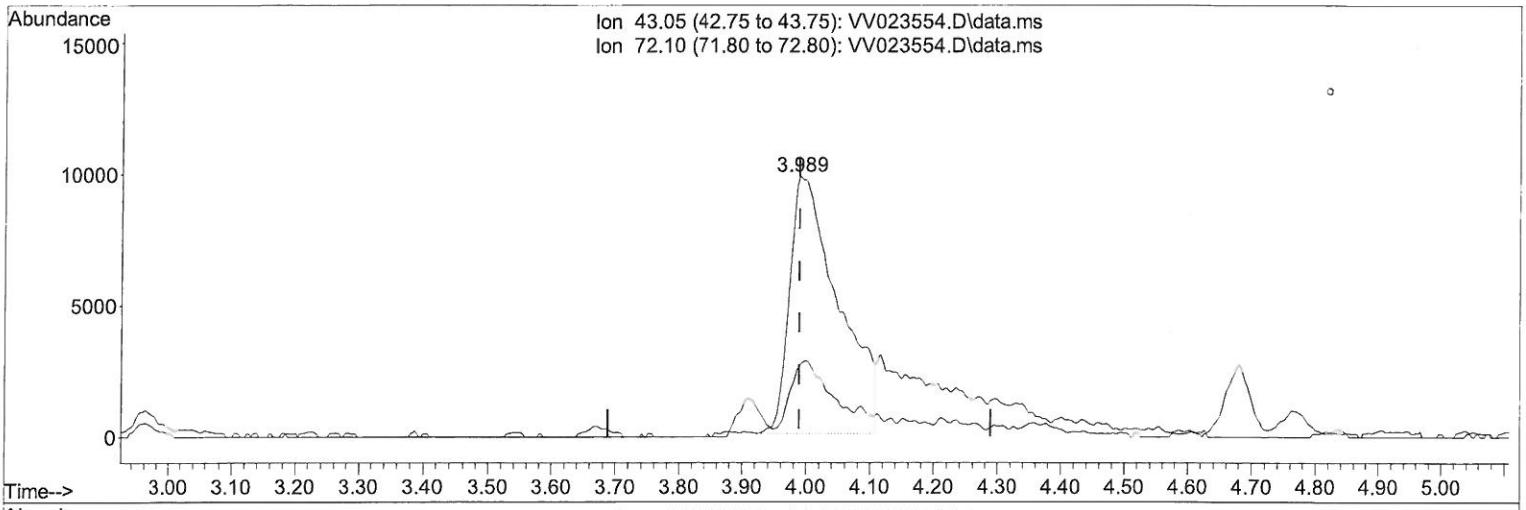

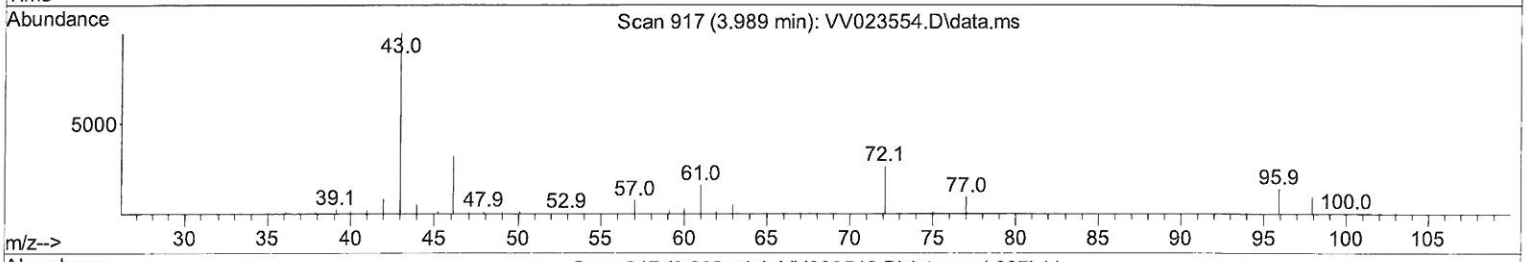

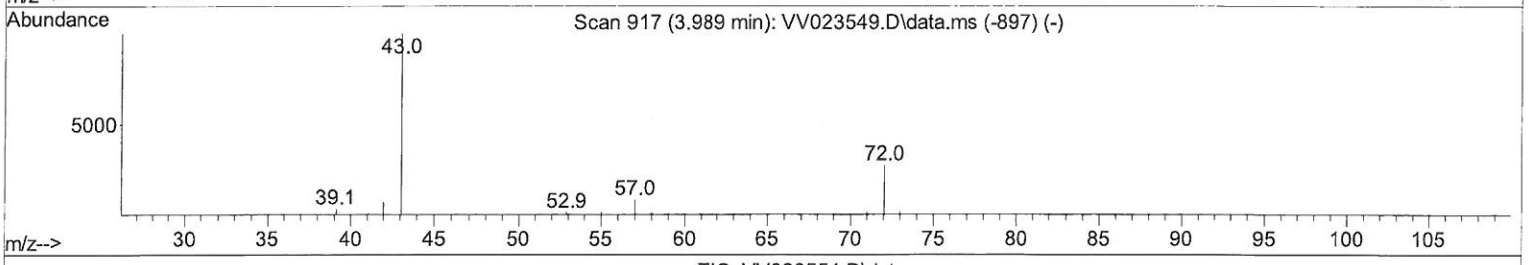

TIC: VV023554.D\data.ms

(21) 2-Butanone (T)

3.989min (-0.000) 37.22 ug/L

response 51961

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	23.90	20.90
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111621\
Data File : VV023554.D
Acq On : 16 Nov 2021 23:33
Operator : SY/MD
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Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Nov 17 03:41:01 2021
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 17 02:49:39 2021
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Instrument :
MSVOA_V
ClientSampleId :
H4637MSD

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 11/17/2021
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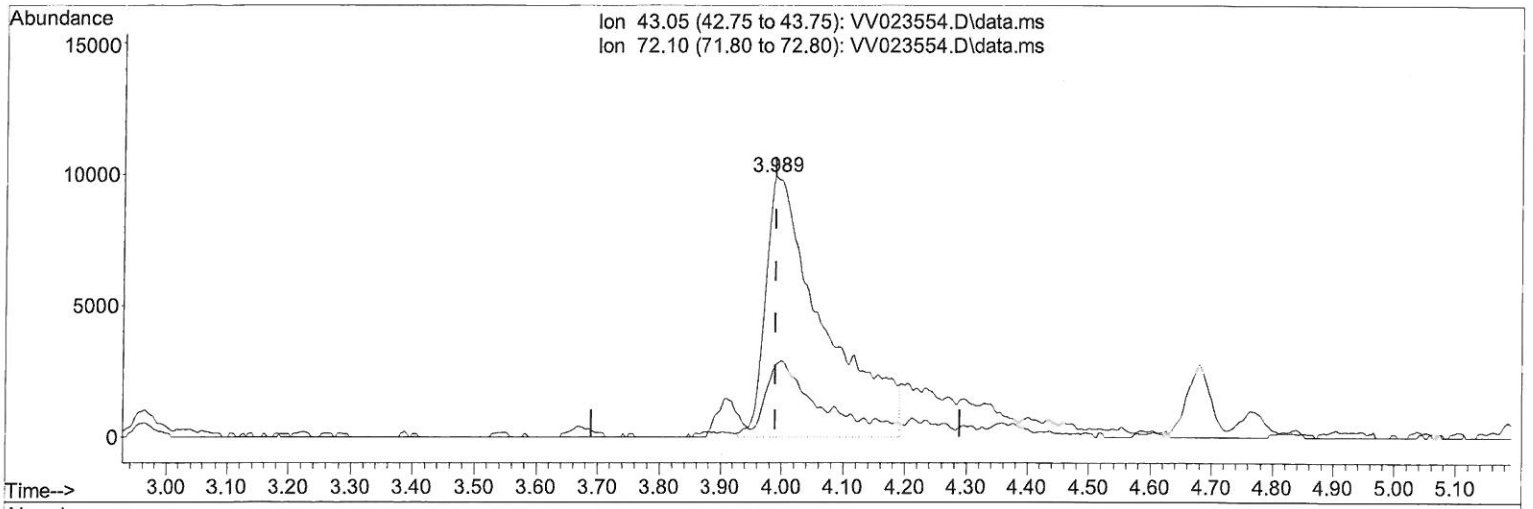

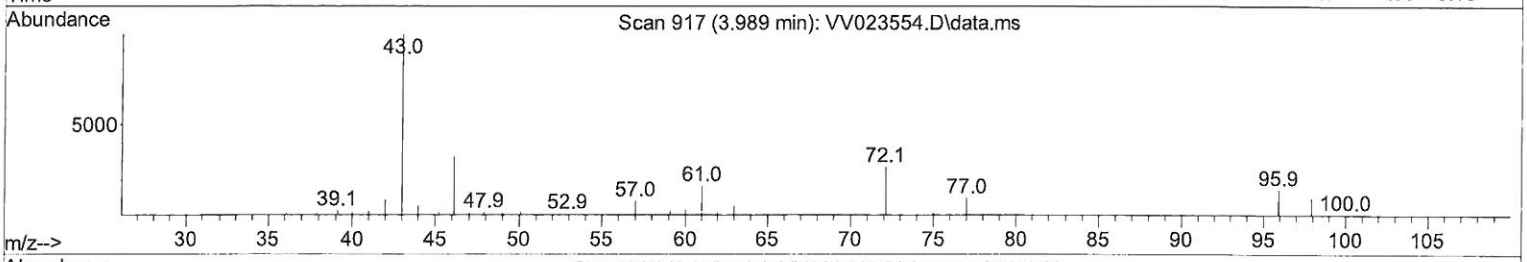

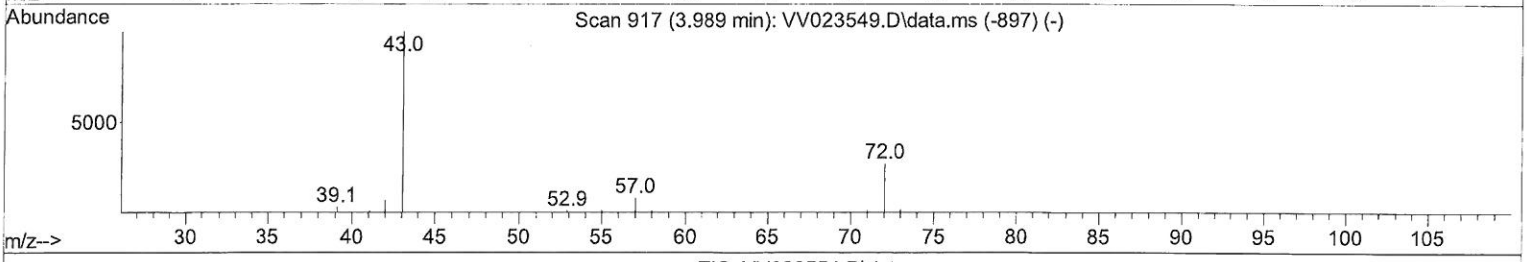

TIC: VV023554.D\data.ms

(21) 2-Butanone (T)

3.989min (-0.000) 46.71 ug/L m MD 11/26/21

response 65207

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	23.90	16.66
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111621\
Data File : VV023554.D
Acq On : 16 Nov 2021 23:33
Operator : SY/MD
Sample : M4627-04MSD
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Nov 17 03:41:01 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
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Instrument :
MSVOA_V
ClientSampleId :
H4637MSD

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 11/17/2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	130940	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	128859	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	69390	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	33641	4.101	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 82.000%			
7) Chloroethane-d5	1.568	69	25841	3.865	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 77.400%			
11) 1,1-Dichloroethene-d2	2.111	63	68638	4.470	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 89.400%			
20) 2-Butanone-d5	3.902	46	58052m	41.078	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 82.160%			
24) Chloroform-d	4.352	84	68836	3.938	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 78.800%			
26) 1,2-Dichloroethane-d4	5.034	65	32255	4.103	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 82.000%			
32) Benzene-d6	5.050	84	128769	3.895	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 77.800%			
36) 1,2-Dichloropropane-d6	6.069	67	37953	3.900	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 78.000%			
41) Toluene-d8	7.316	98	122465	3.953	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 79.000%			
43) trans-1,3-Dichloroprop...	7.625	79	15034	4.074	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 81.400%			
46) 2-Hexanone-d5	8.091	63	60197	44.333	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 88.660%			
56) 1,1,2,2-Tetrachloroeth...	10.217	84	30705	4.387	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 87.800%			
66) 1,2-Dichlorobenzene-d4	11.625	152	49001	4.241	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 84.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	52981	4.150	ug/L	98
3) Chloromethane	1.240	50	48608	4.478	ug/L	96
5) Vinyl chloride	1.310	62	682869	62.985	ug/L	99
6) Bromomethane	1.523	94	24706	3.565	ug/L	97
8) Chloroethane	1.587	64	30721	4.910	ug/L	97
9) Trichlorofluoromethane	1.754	101	75400	4.629	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	38210	4.659	ug/L	97
12) 1,1-Dichloroethene	2.121	96	51306	6.571	ug/L #	78
13) Acetone	2.195	43	45221m	52.369	ug/L	
14) Carbon disulfide	2.294	76	119348	4.050	ug/L	98
15) Methyl Acetate	2.439	43	15361m	6.285	ug/L	
16) Methylene chloride	2.510	84	41268	3.622	ug/L	96
17) Methyl tert-butyl Ether	2.770	73	83864	4.879	ug/L	92
18) trans-1,2-Dichloroethene	2.760	96	173325	18.057	ug/L	99
19) 1,1-Dichloroethane	3.191	63	83694	5.164	ug/L	98
21) 2-Butanone	3.989	43	65207m	46.707	ug/L	
22) cis-1,2-Dichloroethene	3.912	96	376583	40.766	ug/L #	89
23) Bromochloromethane	4.249	128	19740	4.634	ug/L #	75

MD 11/26/21

MD 11/26/21

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111621\
Data File : VV023554.D
Acq On : 16 Nov 2021 23:33
Operator : SY/MD
Sample : M4627-04MSD
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Nov 17 03:41:01 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 17 02:49:39 2021
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
H4637MSD

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) Chloroform	4.378	83	80569	4.664	ug/L		97
27) 1,2-Dichloroethane	5.133	62	42099	4.582	ug/L		97
29) 1,1,1-Trichloroethane	4.609	97	73007	4.665	ug/L		99
30) Cyclohexane	4.680	56	62540	4.460	ug/L		95
31) Carbon tetrachloride	4.828	117	65887	4.688	ug/L		96
33) Benzene	5.101	78	185311	5.145	ug/L		100
34) Trichloroethene	5.915	95	91907	9.596	ug/L		98
35) Methylcyclohexane	6.130	83	66689	4.411	ug/L		97
37) 1,2-Dichloropropane	6.175	63	38478	4.576	ug/L		99
38) Bromodichloromethane	6.509	83	52915	4.696	ug/L		97
39) cis-1,3-Dichloropropene	7.030	75	53867	4.454	ug/L		95
40) 4-Methyl-2-pentanone	7.230	43	206980	53.077	ug/L		97
42) Toluene	7.387	91	198429	5.151	ug/L		96
44) trans-1,3-Dichloropropene	7.654	75	46992	4.683	ug/L		99
45) 1,1,2-Trichloroethane	7.841	97	27698	4.585	ug/L		98
47) Tetrachloroethene	7.976	164	38987	4.697	ug/L		96
48) 2-Hexanone	8.143	43	145850	53.376	ug/L		98
49) Dibromochloromethane	8.246	129	37236	4.864	ug/L		96
50) 1,2-Dibromoethane	8.352	107	26476	4.729	ug/L	#	99
51) Chlorobenzene	8.882	112	120007	4.687	ug/L		99
52) Ethylbenzene	9.014	91	200531	4.936	ug/L		99
53) m,p-xylene	9.140	106	78971	4.953	ug/L		98
54) o-xylene	9.545	106	72892	4.873	ug/L		99
55) Styrene	9.561	104	127027	4.957	ug/L		94
57) 1,1,2,2-Tetrachloroethane	10.242	83	31422	4.747	ug/L	#	96
59) Bromoform	9.734	173	19190	4.630	ug/L		96
60) Isopropylbenzene	9.931	105	199850	5.019	ug/L		99
61) 1,2,3-Trichloropropane	10.275	75	23506	5.099	ug/L		98
62) 1,3,5-Trimethylbenzene	10.538	105	164140	4.971	ug/L		99
63) 1,2,4-Trimethylbenzene	10.914	105	166498	5.067	ug/L		99
64) 1,3-Dichlorobenzene	11.181	146	98773	4.855	ug/L		99
65) 1,4-Dichlorobenzene	11.271	146	97394	4.687	ug/L		99
67) 1,2-Dichlorobenzene	11.644	146	89584	4.921	ug/L		99
68) 1,2-Dibromo-3-chloropr...	12.429	75	4512	4.595	ug/L		84
69) 1,3,5-Trichlorobenzene	12.644	180	76039	4.773	ug/L		99
70) 1,2,4-trichlorobenzene	13.262	180	60955	4.778	ug/L		98
71) Naphthalene	13.503	128	88097	4.683	ug/L		98
72) 1,2,3-Trichlorobenzene	13.744	180	57207	5.125	ug/L		97

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