Quantitation Report (QT Reviewed)

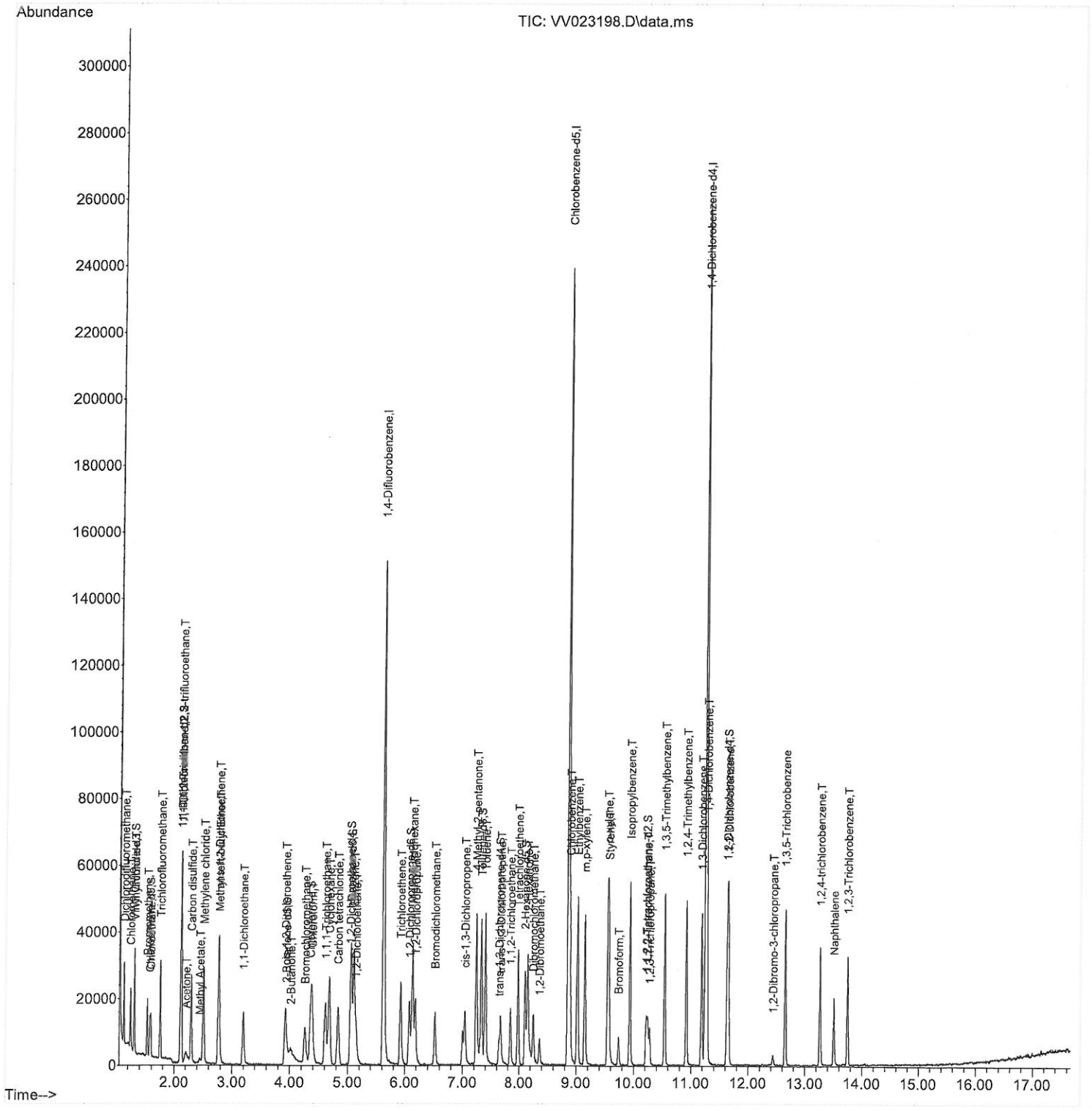
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV110421\
Data File : VV023198.D
Acq On : 04 Nov 2021 12:47
Operator : SY/MD
Sample : VSTD00148
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 08 12:55:17 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Nov 08 12:49:02 2021
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VSTD001248

Manual IntegrationsAPPROVED

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



Quantitation Report (Qedit)

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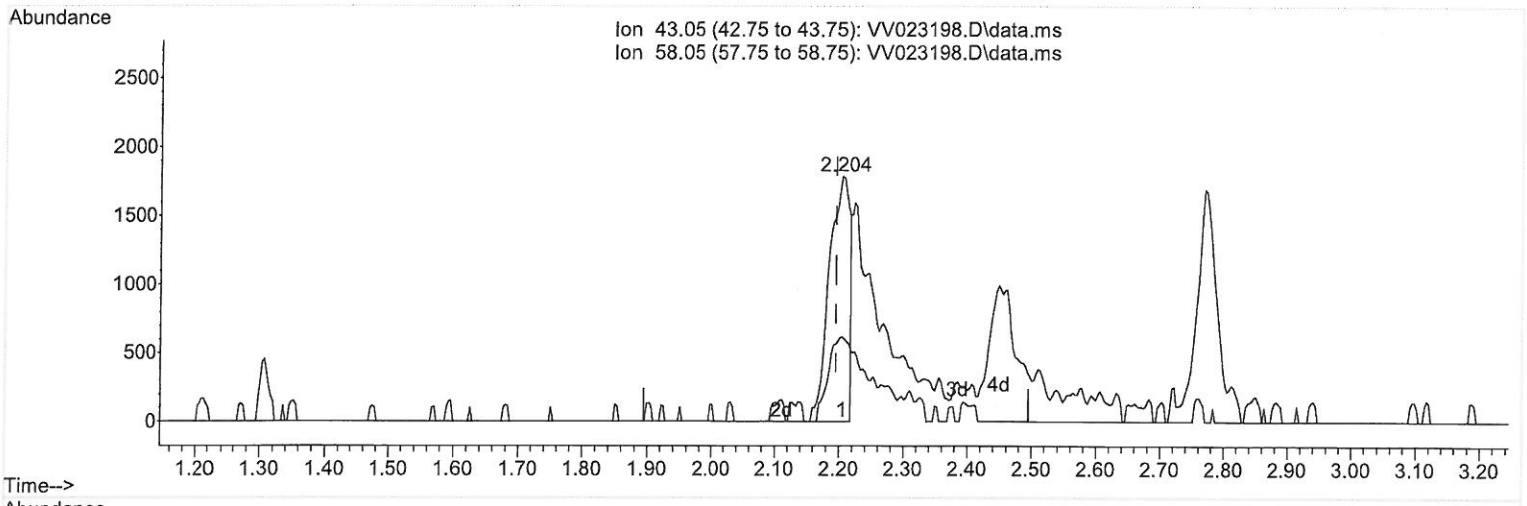

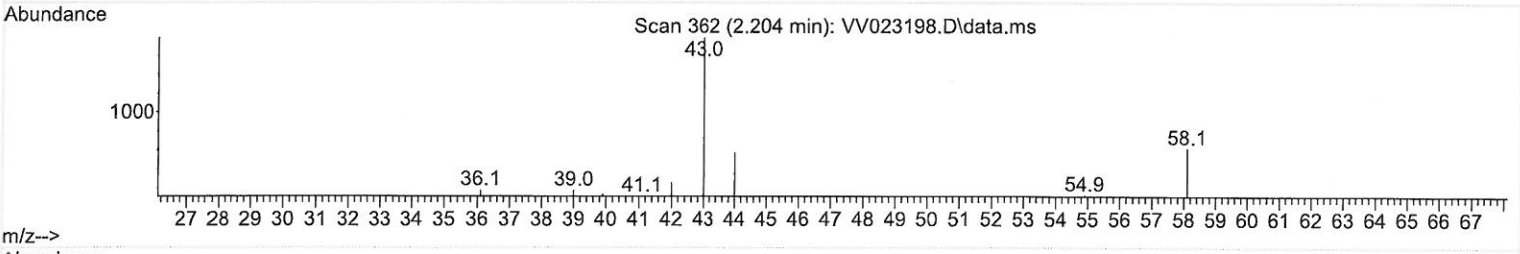

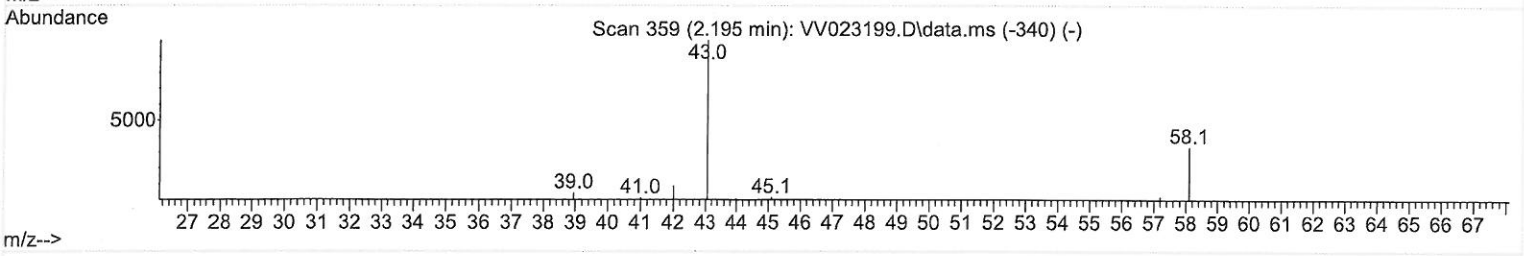

TIC: VV023198.D\data.ms

(13) Acetone (T)

2.204min (+ 0.010) 4.17 ug/L

response 3881

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	27.70	60.27#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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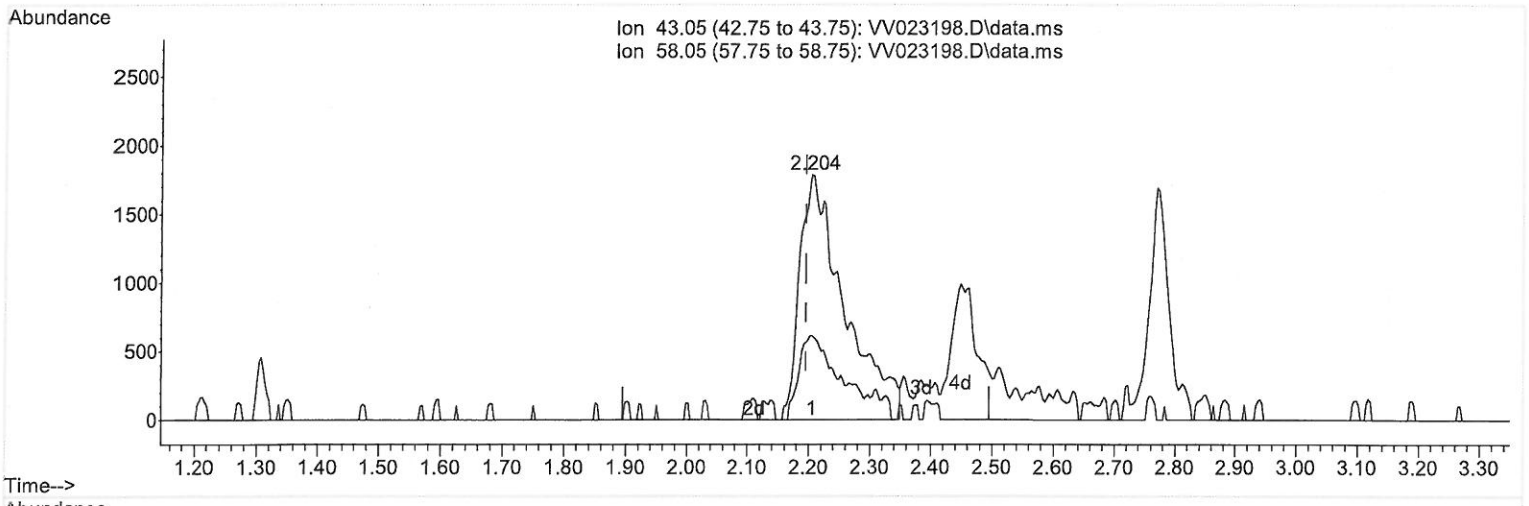

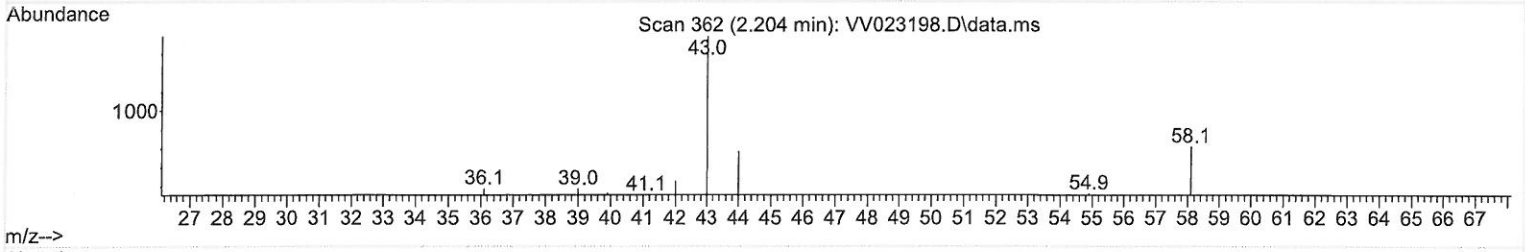

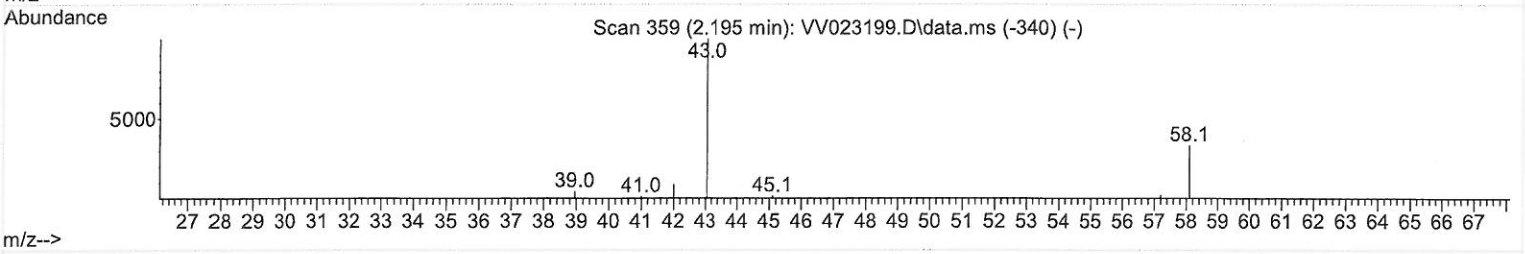

TIC: VV023198.D\data.ms

(13) Acetone (T)

2.204min (+ 0.010) 9.77 ug/L m 11/19/21

response 9091

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	27.70	25.73
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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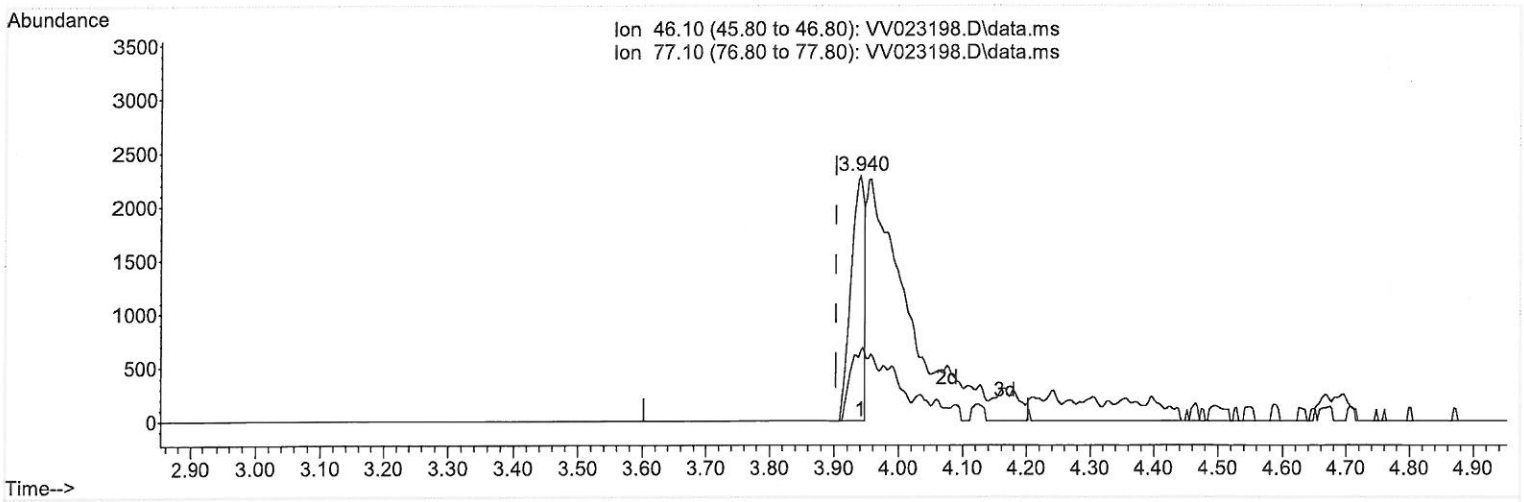

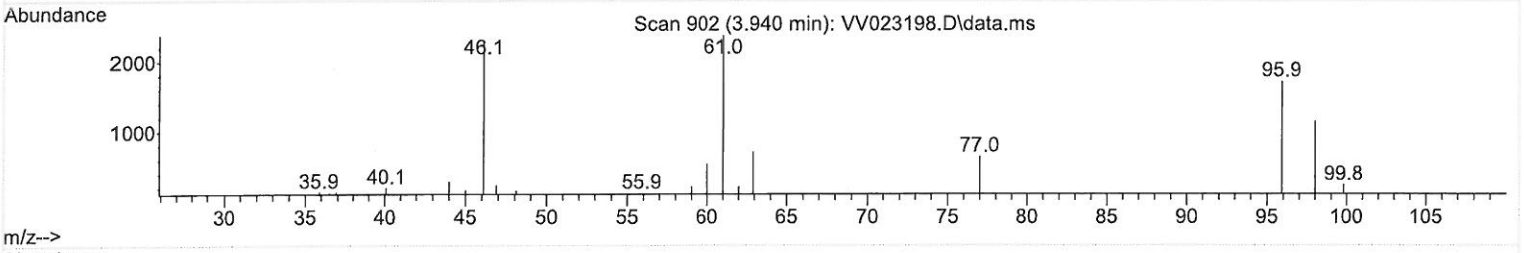

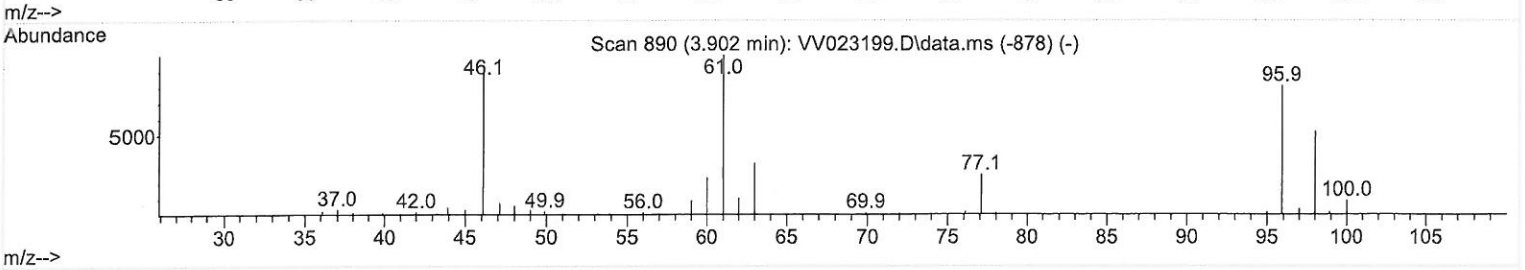

TIC: VV023198.D\data.ms

(20) 2-Butanone-d5 (S)

3.940min (+ 0.038) 1.80 ug/L

response 3409

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	22.30	34.32#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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MSVOA_V
ClientSampleId :
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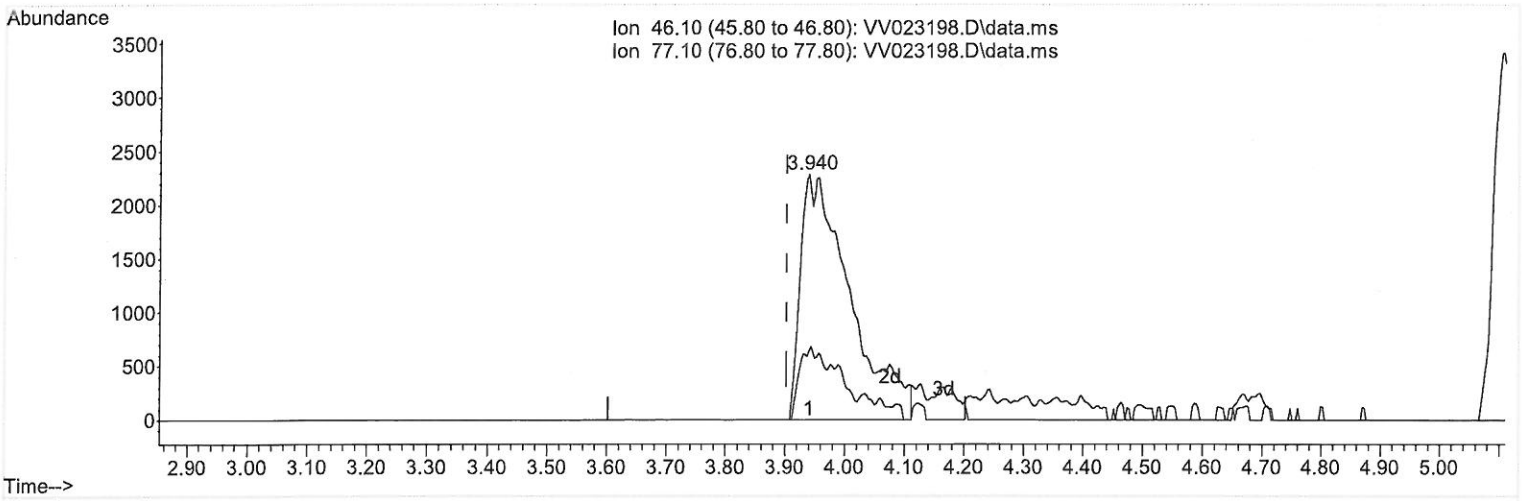
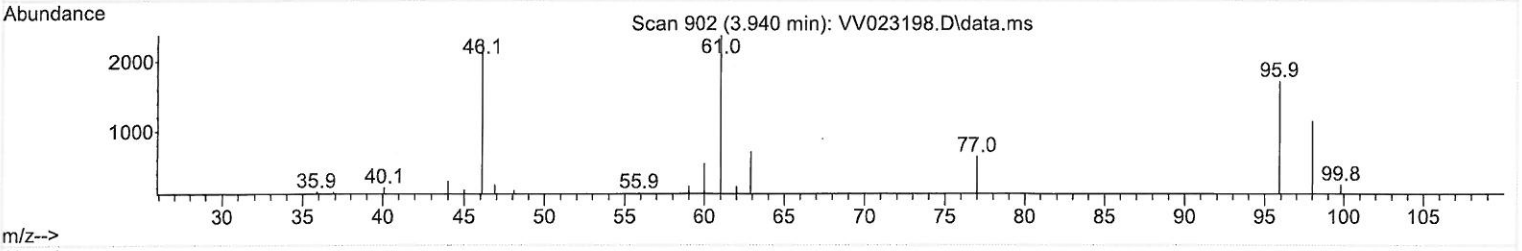
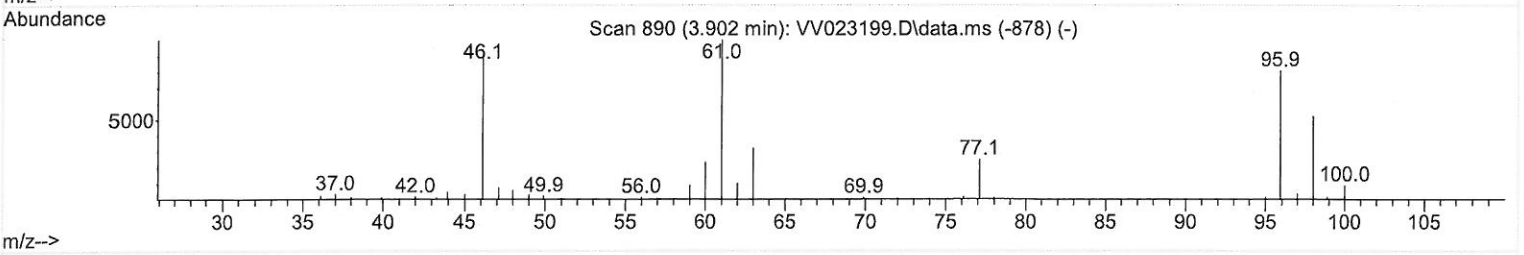
Manual IntegrationsAPPROVED

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







TIC: VV023198.D\data.ms

(20) 2-Butanone-d5 (S)

3.940min (+ 0.038) 6.88 ug/L m

response 13054

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	22.30	8.96#
0.00	0.00	0.00
0.00	0.00	0.00

SMD 11/19/21

Quantitation Report (Qedit)

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Manual IntegrationsAPPROVED

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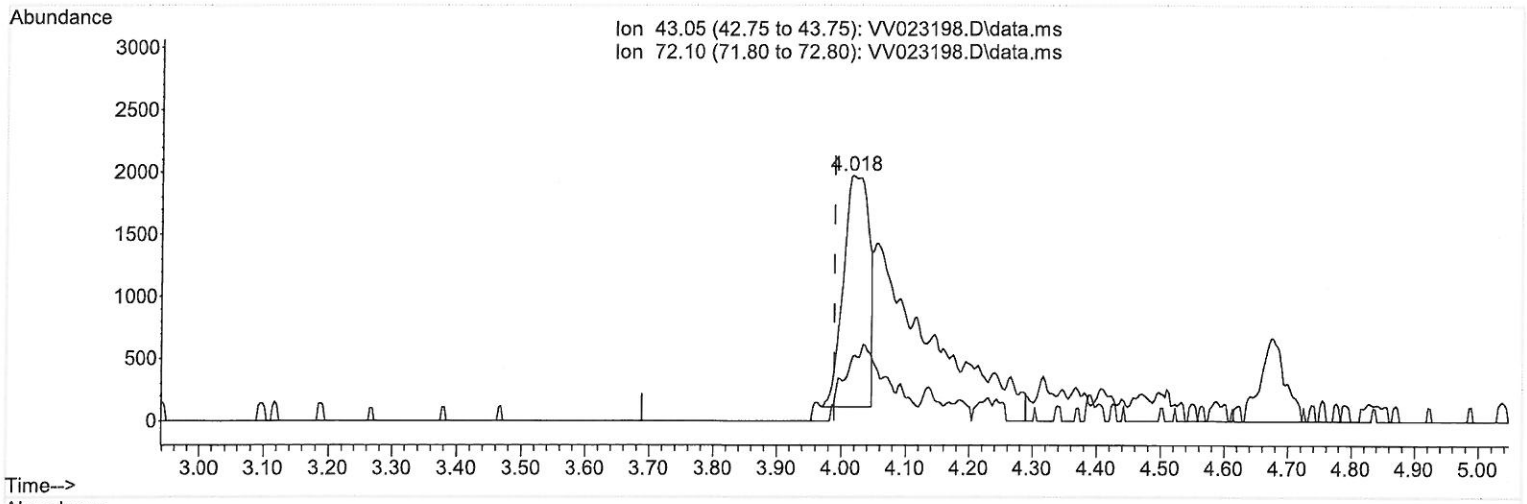

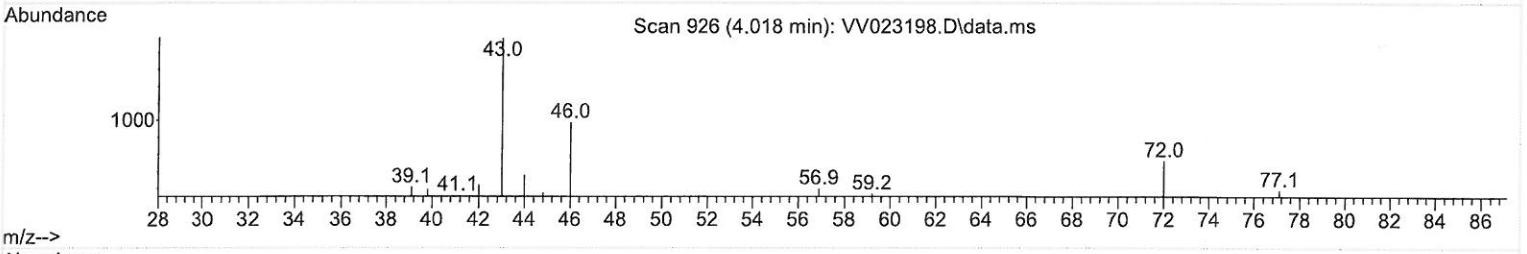

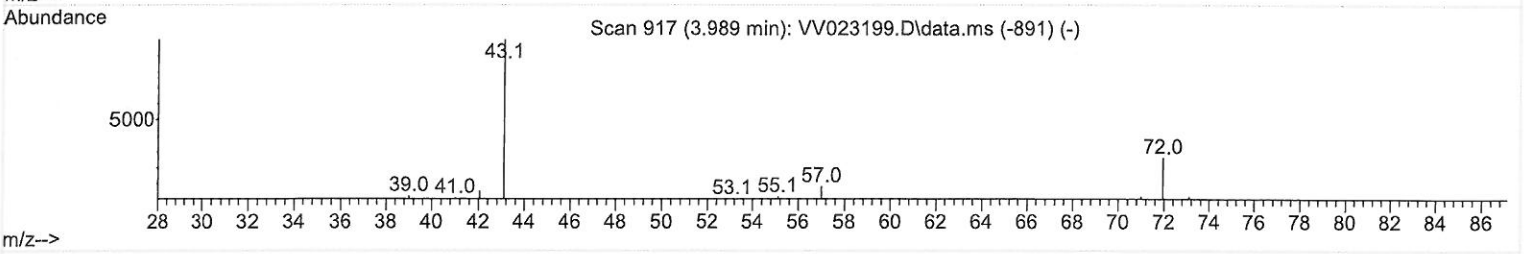

TIC: VV023198.D\data.ms

(21) 2-Butanone (T)

4.018min (+ 0.029) 2.81 ug/L

response 5111

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	23.90	8.10#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV110421\
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Acq On : 04 Nov 2021 12:47
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Sample : VSTD00148
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MSVOA_V
ClientSampleId :
VSTD001248

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 11/11/2021
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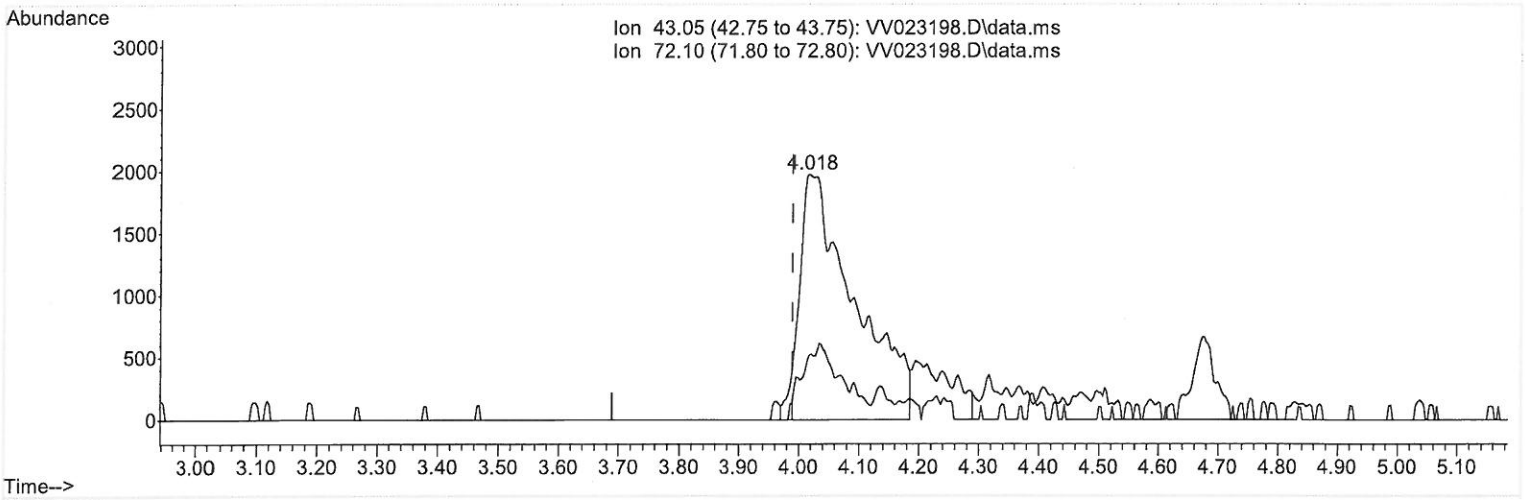

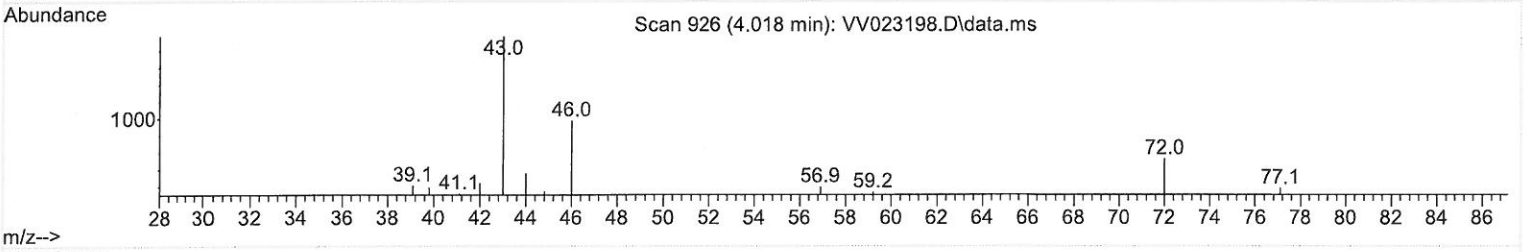

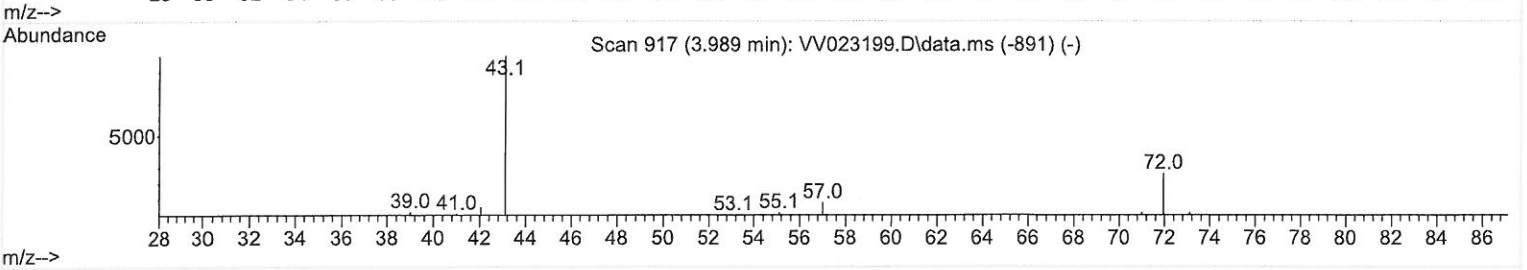

TIC: VV023198.D\data.ms

(21) 2-Butanone (T)

4.018min (+ 0.029) 6.86 ug/L m

response 12493

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	23.90	3.31#
0.00	0.00	0.00
0.00	0.00	0.00

SMD 11/19/21

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

Reviewed By :John Carlone 11/11/2021
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene	5.619	114	135287	5.00	ug/L		0.00
28) Chlorobenzene-d5	8.853	117	131492	5.00	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	69383	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.304	65	8617	0.73	ug/L		0.00
7) Chloroethane-d5	1.568	69	6859	0.94	ug/L		0.00
11) 1,1-Dichloroethene-d2	2.111	63	15736	0.92	ug/L		0.00
20) 2-Butanone-d5	3.940	46	13054m	6.88	ug/L		0.04
24) Chloroform-d	4.352	84	17430	0.91	ug/L		0.00
26) 1,2-Dichloroethane-d4	5.040	65	7782	0.86	ug/L		0.00
32) Benzene-d6	5.056	84	31725	0.83	ug/L		0.00
36) 1,2-Dichloropropane-d6	6.075	67	9885	0.84	ug/L		0.00
41) Toluene-d8	7.320	98	28845	0.84	ug/L		0.00
43) trans-1,3-Dichloroprop...	7.635	79	3720	0.90	ug/L		0.00
46) 2-Hexanone-d5	8.098	63	10708	6.99	ug/L		0.00
56) 1,1,2,2-Tetrachloroeth...	10.220	84	6991	0.86	ug/L		0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	11152	0.90	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.127	85	12518	1.46	ug/L		97
3) Chloromethane	1.240	50	11024	1.19	ug/L		91
5) Vinyl chloride	1.310	62	10988	1.15	ug/L		95
6) Bromomethane	1.523	94	6713	1.39	ug/L		92
8) Chloroethane	1.584	64	6372	1.27	ug/L		100
9) Trichlorofluoromethane	1.754	101	16059	1.24	ug/L		99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	7985	1.08	ug/L		95
12) 1,1-Dichloroethene	2.121	96	7863	1.14	ug/L		84
13) Acetone	2.204	43	9091m	9.77	ug/L		
14) Carbon disulfide	2.294	76	28483	1.51	ug/L		96
15) Methyl Acetate	2.449	43	2264	0.64	ug/L	#	77
16) Methylene chloride	2.510	84	12142	1.60	ug/L		98
17) Methyl tert-butyl Ether	2.773	73	16541	1.00	ug/L		94
18) trans-1,2-Dichloroethene	2.764	96	9279	1.25	ug/L		96
19) 1,1-Dichloroethane	3.191	63	15816	1.16	ug/L		95
21) 2-Butanone	4.018	43	12493m	6.86	ug/L		
22) cis-1,2-Dichloroethene	3.928	96	8555	1.02	ug/L	#	95
23) Bromochloromethane	4.259	128	4254	1.12	ug/L	#	83
25) Chloroform	4.381	83	17200	0.96	ug/L		99
27) 1,2-Dichloroethane	5.143	62	9112	0.96	ug/L		100
29) 1,1,1-Trichloroethane	4.612	97	15080	1.01	ug/L		98
30) Cyclohexane	4.680	56	12758	0.98	ug/L		98
31) Carbon tetrachloride	4.828	117	13151	1.03	ug/L		98
33) Benzene	5.104	78	33786	0.95	ug/L		100
34) Trichloroethene	5.921	95	8696	0.98	ug/L		86
35) Methylcyclohexane	6.133	83	13521	1.06	ug/L		97
37) 1,2-Dichloropropane	6.182	63	7386	0.83	ug/L	#	96
38) Bromodichloromethane	6.516	83	10689	0.97	ug/L		94
39) cis-1,3-Dichloropropene	7.037	75	10633	0.96	ug/L		99
40) 4-Methyl-2-pentanone	7.233	43	31770	7.57	ug/L		96
42) Toluene	7.390	91	34053	0.95	ug/L		97
44) trans-1,3-Dichloropropene	7.661	75	8890	0.97	ug/L		93

MD 11/19/21

MD 11/19/21

MD 11/19/21

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Instrument :
MSVOA_V
ClientSampleId :
VSTD001248

Manual IntegrationsAPPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.844	97	6015	0.96	ug/L	93
47) Tetrachloroethene	7.979	164	7806	1.04	ug/L	92
48) 2-Hexanone	8.149	43	22257	7.14	ug/L	97
49) Dibromochloromethane	8.249	129	7145	0.96	ug/L	93
50) 1,2-Dibromoethane	8.358	107	5223	0.93	ug/L	96
51) Chlorobenzene	8.886	112	23750	1.01	ug/L	95
52) Ethylbenzene	9.017	91	35588	1.00	ug/L	97
53) m,p-xylene	9.143	106	13005	0.91	ug/L	88
54) o-xylene	9.545	106	12605	0.94	ug/L	100
55) Styrene	9.564	104	21279	0.92	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.242	83	6665	0.96	ug/L	95
59) Bromoform	9.734	173	4031	1.00	ug/L	99
60) Isopropylbenzene	9.934	105	34244	0.98	ug/L	98
61) 1,2,3-Trichloropropane	10.278	75	4609	0.94	ug/L	96
62) 1,3,5-Trimethylbenzene	10.541	105	27165	0.96	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	26379	0.94	ug/L	99
64) 1,3-Dichlorobenzene	11.185	146	18516	1.00	ug/L	96
65) 1,4-Dichlorobenzene	11.275	146	19486	1.04	ug/L	97
67) 1,2-Dichlorobenzene	11.644	146	17435	1.01	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.435	75	860	0.89	ug/L	92
69) 1,3,5-Trichlorobenzene	12.648	180	14874	1.06	ug/L	99
70) 1,2,4-trichlorobenzene	13.265	180	11188	1.06	ug/L	97
71) Naphthalene	13.506	128	15847	0.99	ug/L	98
72) 1,2,3-Trichlorobenzene	13.744	180	9886	1.01	ug/L	98

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