Quantitation Report (QT Reviewed)

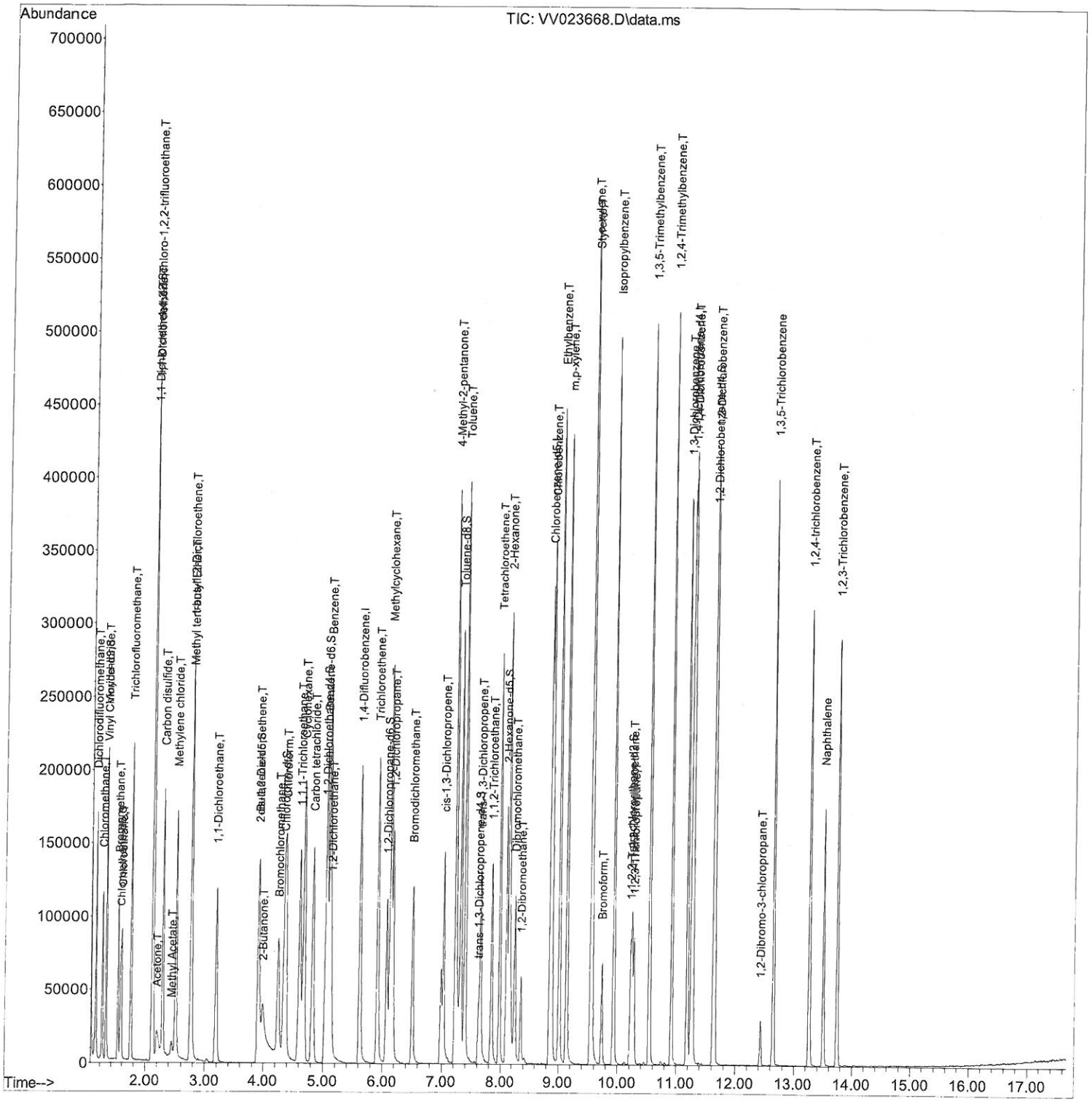
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112321\
Data File : VV023668.D
Acq On : 23 Nov 2021 13:44
Operator : SY/MD
Sample : VSTDICV005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 24 04:31:18 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 24 04:22:49 2021
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VICV258

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 11/24/2021
Supervised By :Mahesh Dadoda 11/26/2021



Quantitation Report (Qedit)

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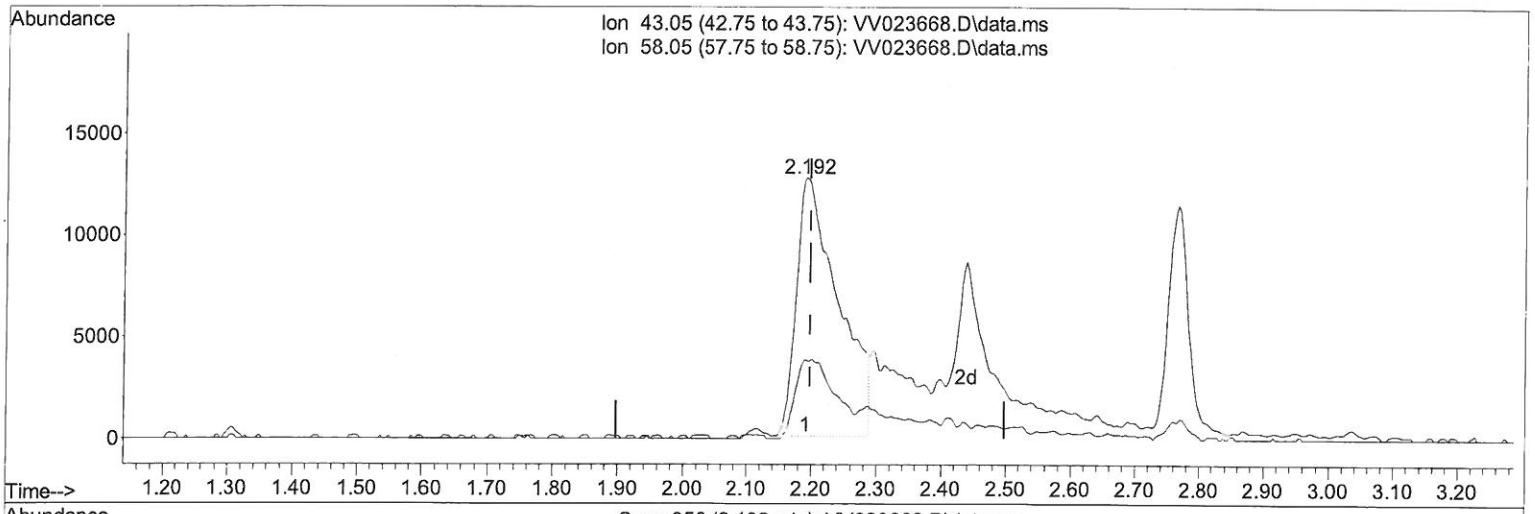

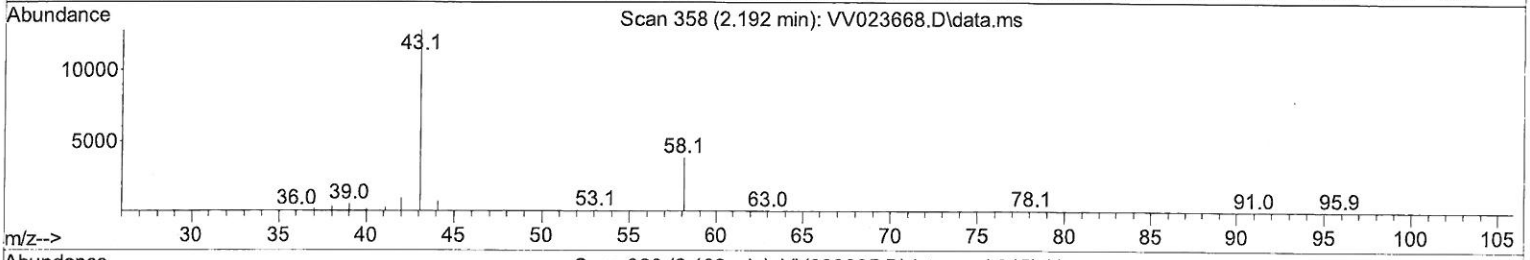

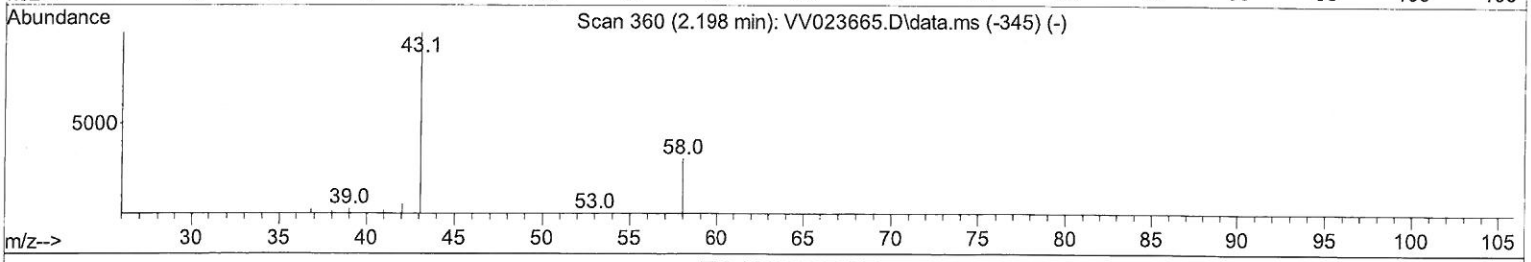

TIC: VV023668.D\data.ms

(13) Acetone (T)

2.192min (-0.006) 35.99 ug/L

response 56887

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	20.70	9.59
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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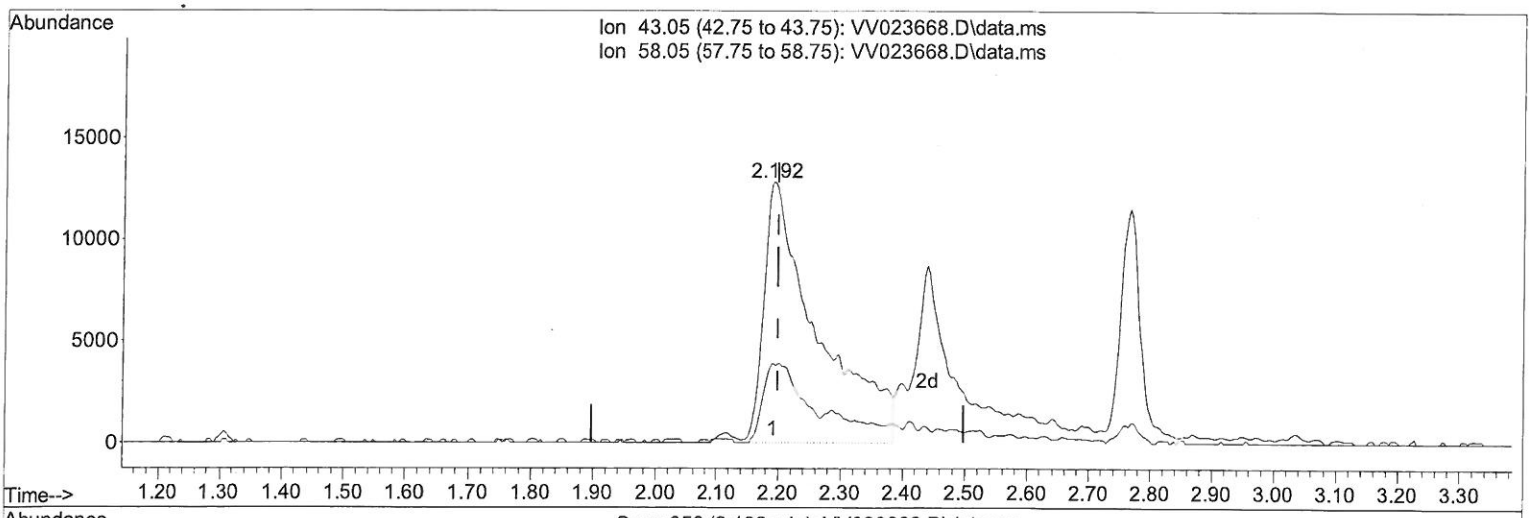

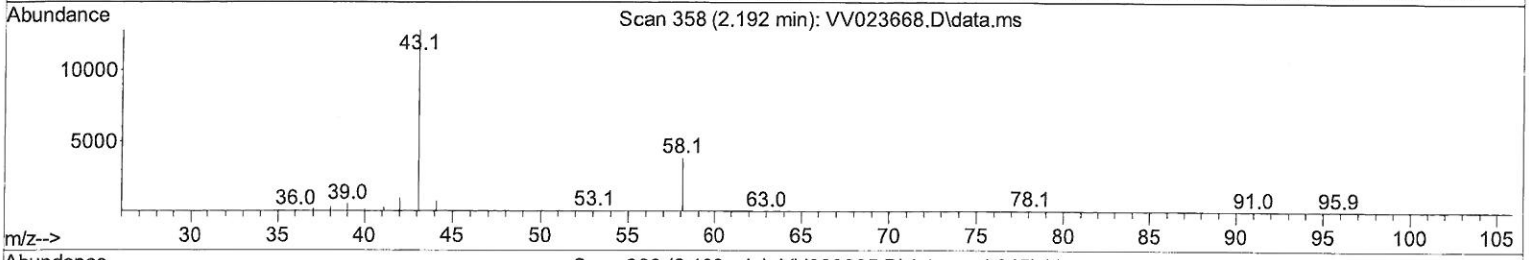

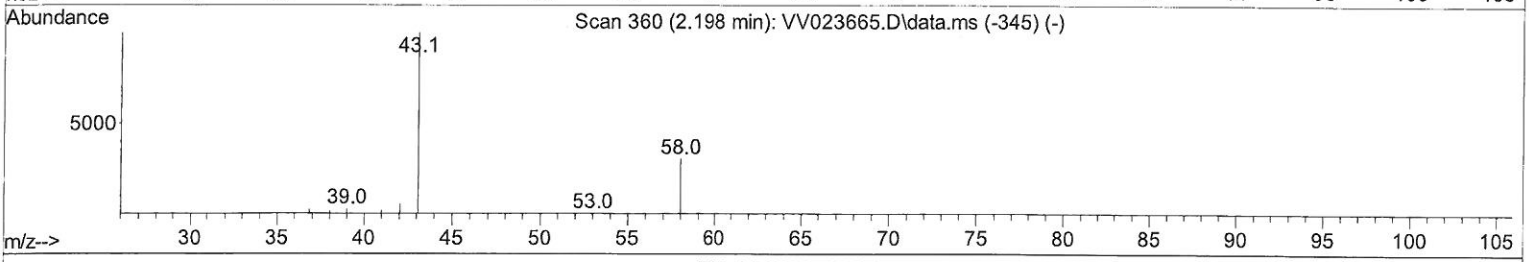

TIC: VV023668.D\data.ms

(13) Acetone (T)

2.192min (-0.006) 48.22 ug/L m

response 76220

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	20.70	7.16
0.00	0.00	0.00
0.00	0.00	0.00

MD 12/01/21

Quantitation Report (Qedit)

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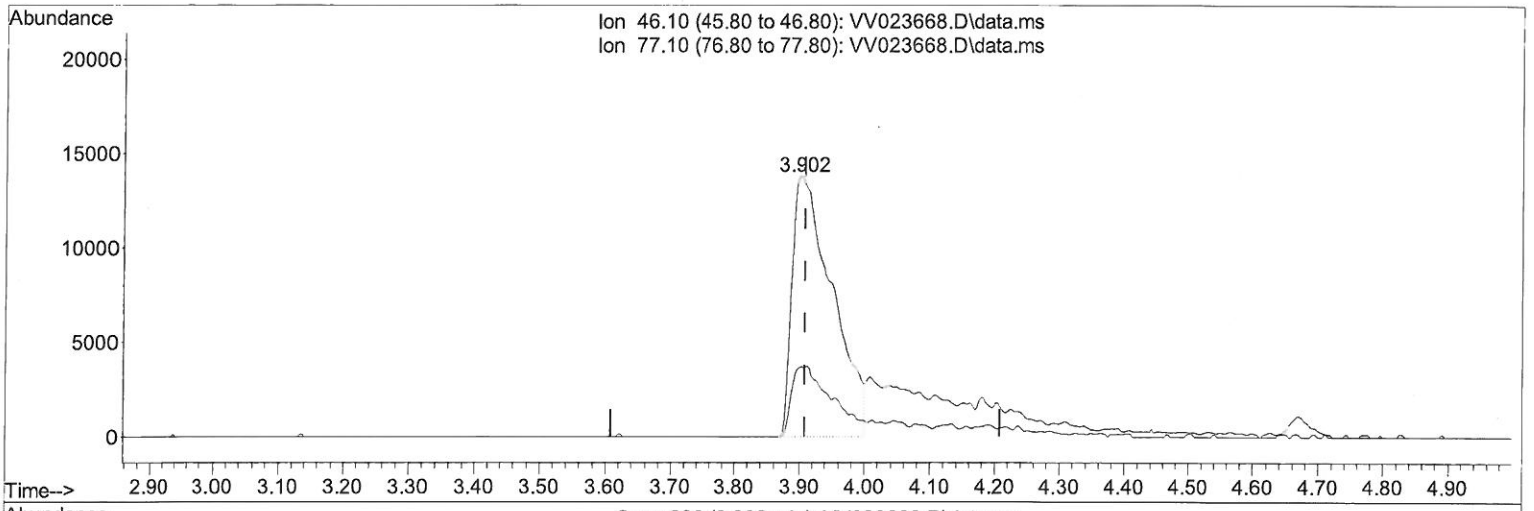

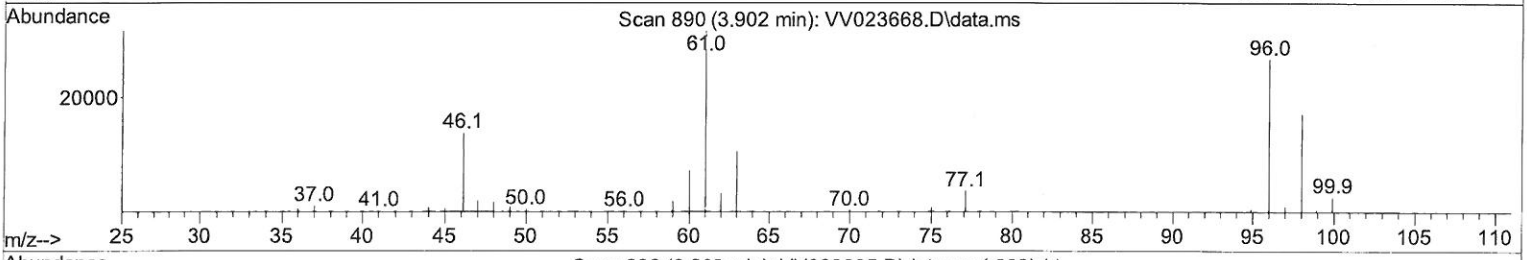

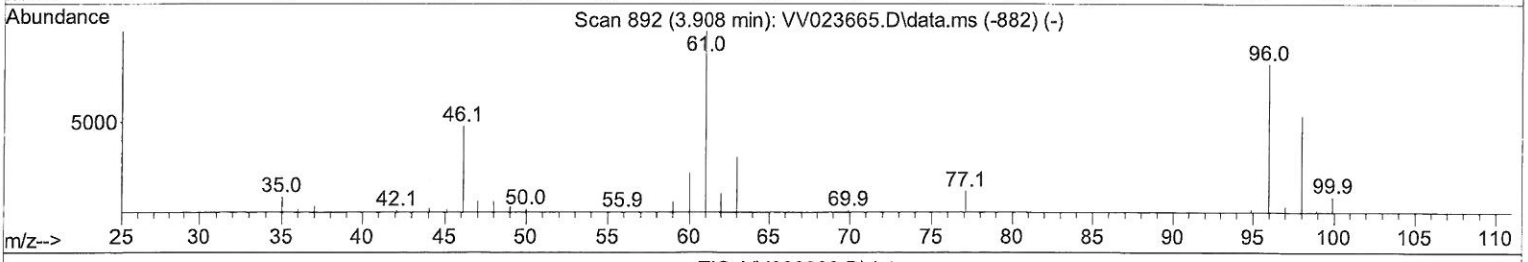

TIC: VV023668.D\data.ms

(20) 2-Butanone-d5 (S)

3.902min (-0.006) 33.90 ug/L

response 59541

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	9.40	20.69#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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Operator : SY/MD
Sample : VSTDICV005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

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ClientSampleId :
VICV258

Manual IntegrationsAPPROVED

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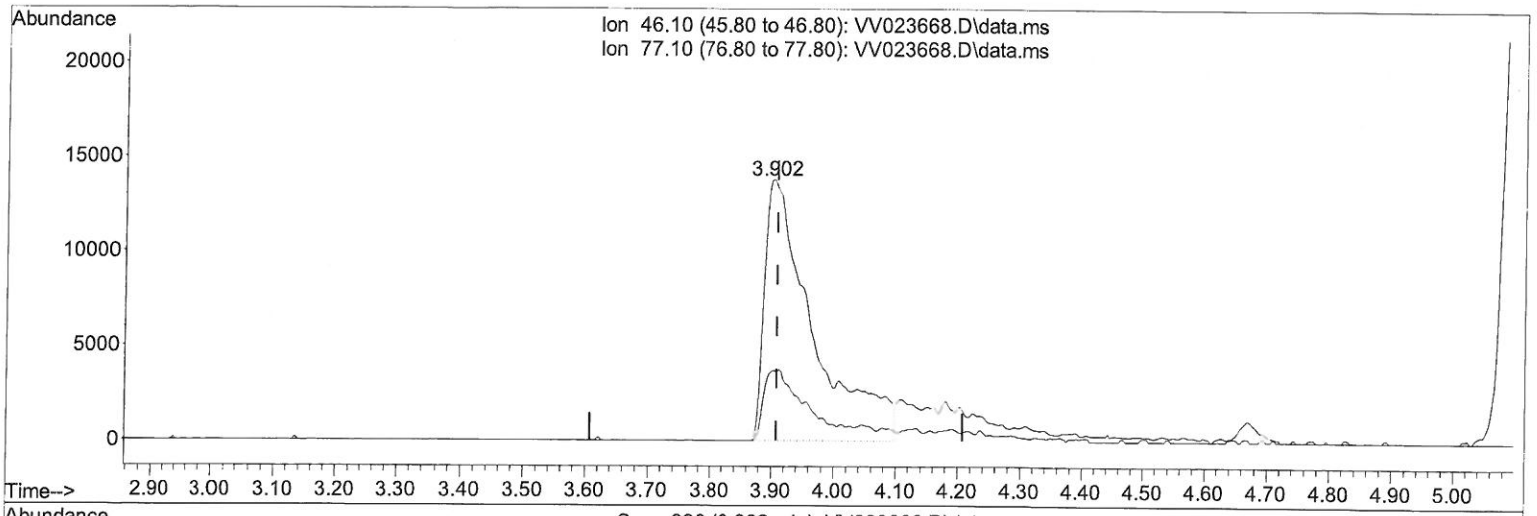

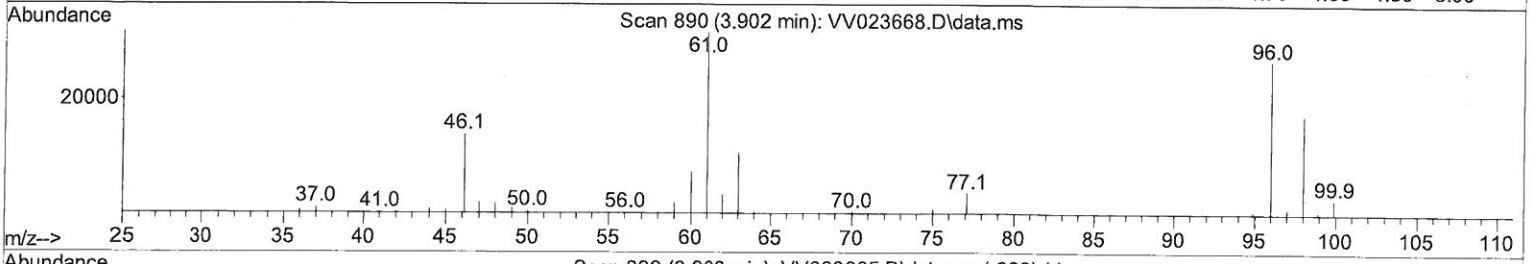

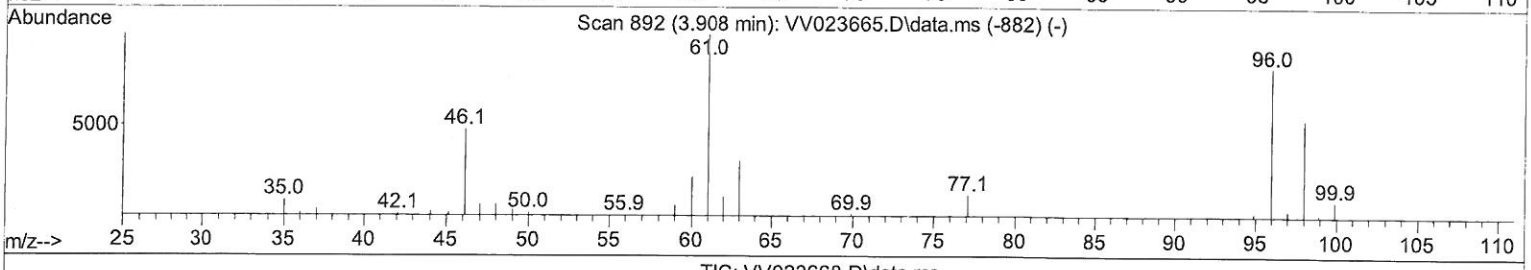

TIC: VV023668.D\data.ms

(20) 2-Butanone-d5 (S)

3.902min (-0.006) 42.59 ug/L m

response 74811

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	9.40	16.47#
0.00	0.00	0.00
0.00	0.00	0.00

MD 12/01/21

Quantitation Report (Qedit)

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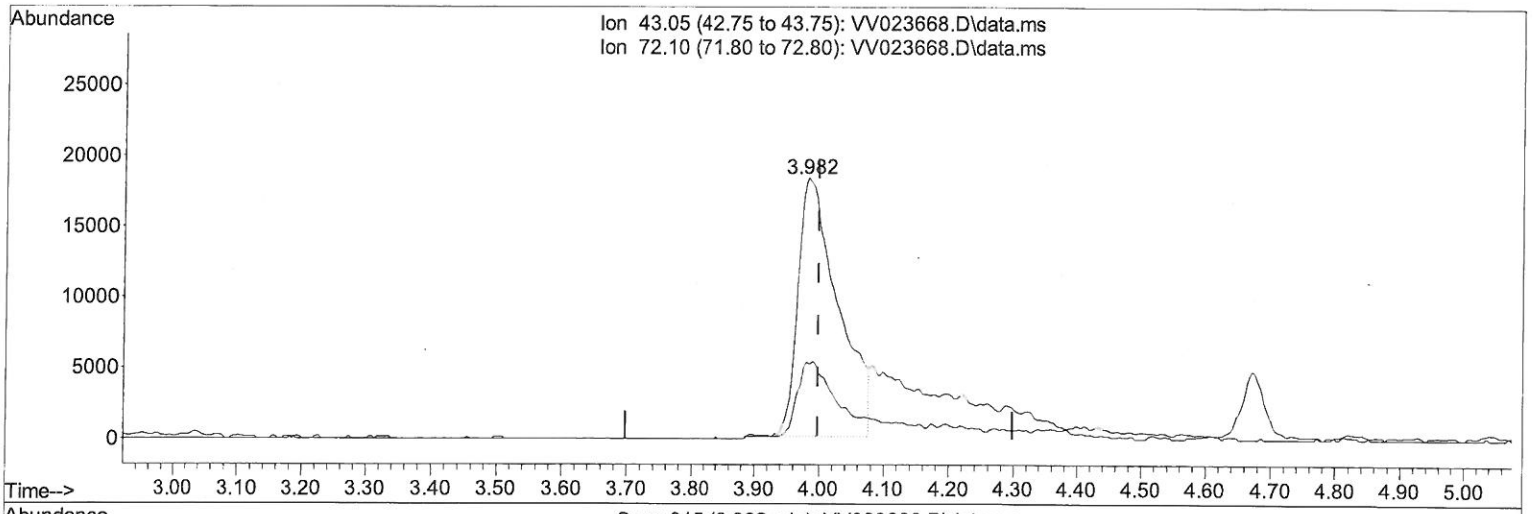

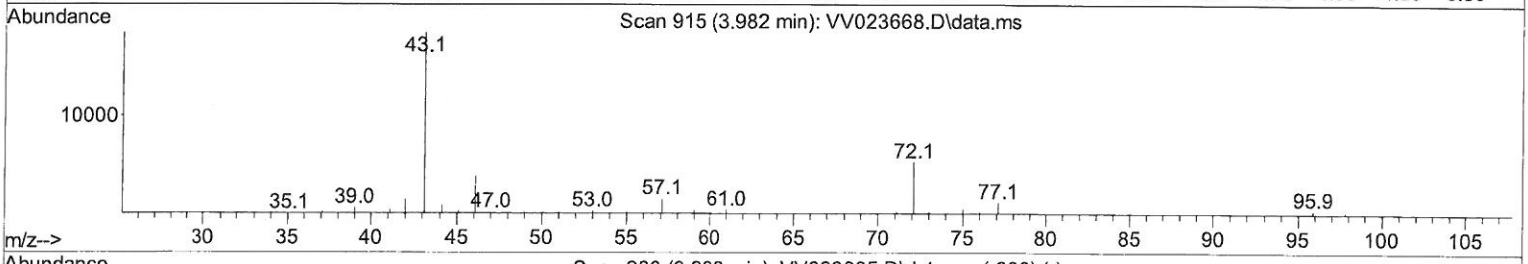

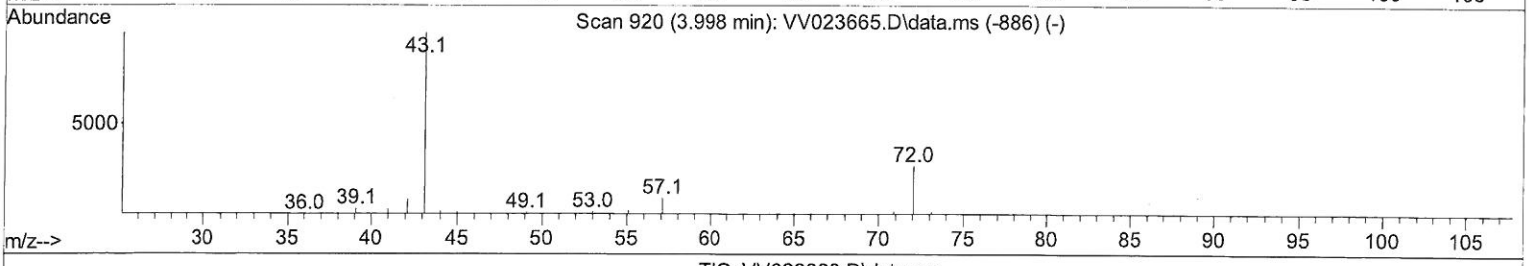

TIC: VV023668.D\data.ms

(21) 2-Butanone (T)

3.982min (-0.016) 39.40 ug/L

response 78824

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	22.10	26.23
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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Operator : SY/MD
Sample : VSTDICV005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

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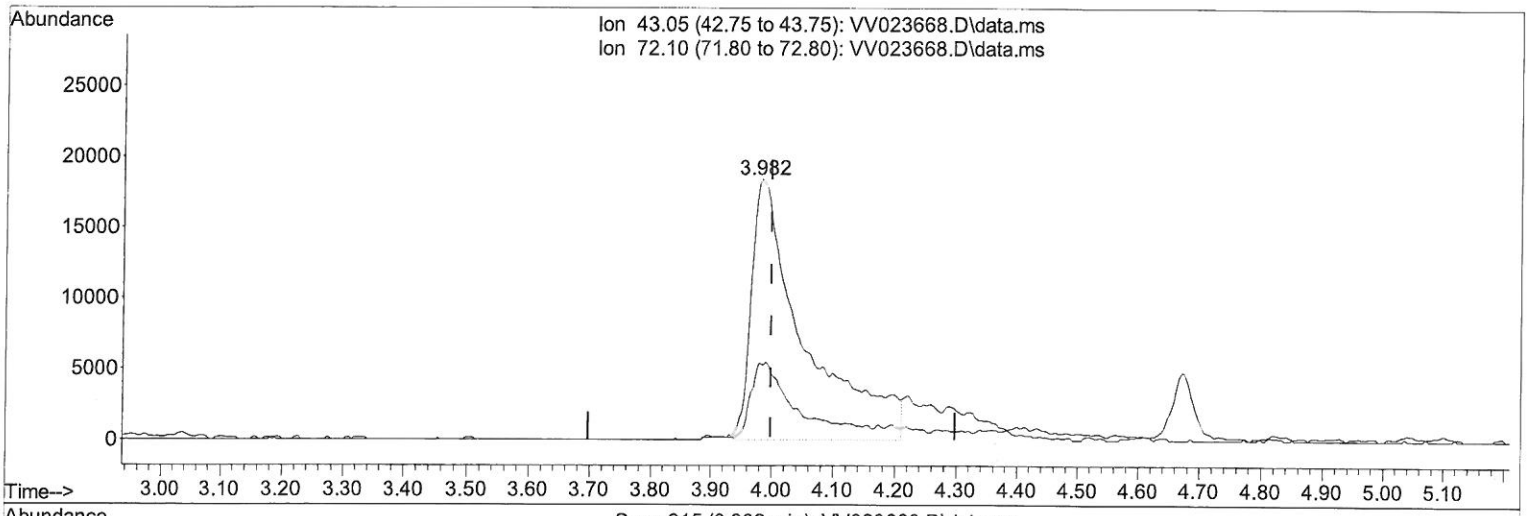
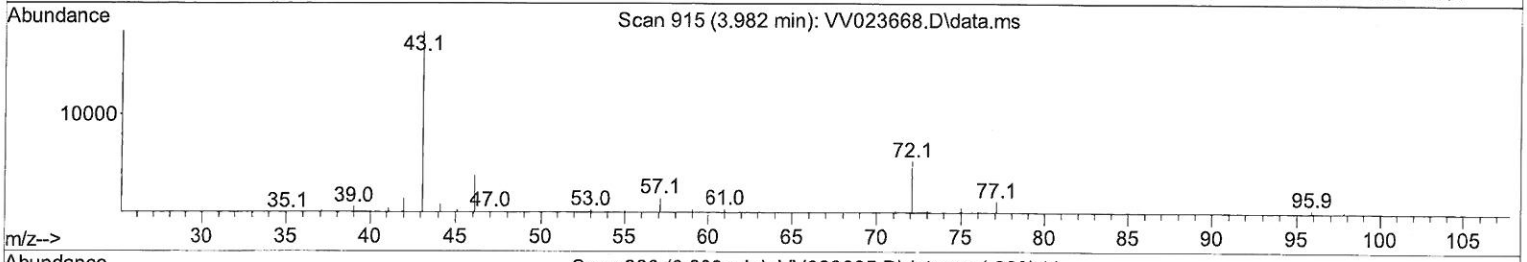
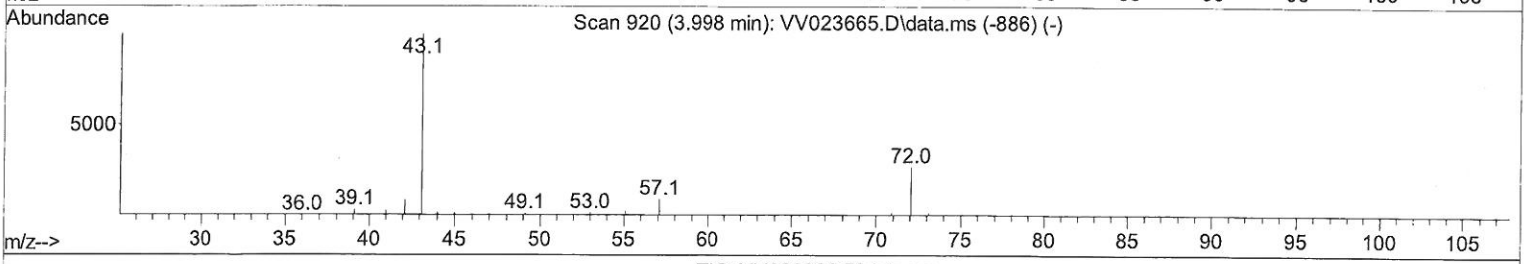
Instrument :
MSVOA_V
ClientSampleId :
VICV258

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 11/24/2021
Supervised By :Mahesh Dadoda 11/26/2021







TIC: VV023668.D\data.ms

(21) 2-Butanone (T)

3.982min (-0.016) 55.09 ug/L m

response 110209

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	22.10	18.76
0.00	0.00	0.00
0.00	0.00	0.00

JMD 12/01/21

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

Reviewed By :John Carlone 11/24/2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	177997	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	174225	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	97101	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	56251	3.850	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 77.000%			
7) Chloroethane-d5	1.565	69	42323	3.685	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 73.600%			
11) 1,1-Dichloroethene-d2	2.108	63	107019	4.156	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 83.200%			
20) 2-Butanone-d5	3.902	46	74811m	42.589	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 85.180%			
24) Chloroform-d	4.343	84	100465	3.948	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 79.000%			
26) 1,2-Dichloroethane-d4	5.031	65	45419	3.821	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 76.400%			
32) Benzene-d6	5.047	84	193089	4.069	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 81.400%			
36) 1,2-Dichloropropane-d6	6.066	67	53468	4.019	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 80.400%			
41) Toluene-d8	7.314	98	188985	4.262	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.200%			
43) trans-1,3-Dichloroprop...	7.619	79	22504	4.196	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 84.000%			
46) 2-Hexanone-d5	8.088	63	77475	43.479	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 86.960%			
56) 1,1,2,2-Tetrachloroeth...	10.214	84	38303	4.001	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 80.000%			
66) 1,2-Dichlorobenzene-d4	11.625	152	70459	4.104	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 82.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	84662	5.013	ug/L	99
3) Chloromethane	1.240	50	70671	4.814	ug/L	98
5) Vinyl chloride	1.307	62	76275	4.947	ug/L	99
6) Bromomethane	1.520	94	44333	5.071	ug/L	99
8) Chloroethane	1.584	64	45668	4.674	ug/L	93
9) Trichlorofluoromethane	1.751	101	123259	4.906	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	62836	4.991	ug/L	98
12) 1,1-Dichloroethene	2.118	96	60209	5.049	ug/L	95
13) Acetone	2.192	43	76220m	48.221	ug/L	
14) Carbon disulfide	2.291	76	200772	5.008	ug/L	100
15) Methyl Acetate	2.439	43	15866	4.422	ug/L	97
16) Methylene chloride	2.503	84	71367	4.194	ug/L	99
17) Methyl tert-butyl Ether	2.767	73	128881	5.273	ug/L	99
18) trans-1,2-Dichloroethene	2.757	96	69074	5.085	ug/L	97
19) 1,1-Dichloroethane	3.185	63	115432	5.054	ug/L	99
21) 2-Butanone	3.982	43	110209m	55.087	ug/L	
22) cis-1,2-Dichloroethene	3.909	96	68189	5.235	ug/L	99
23) Bromochloromethane	4.246	128	31551	5.161	ug/L	94

MD 12/01/21

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Instrument :
MSVOA_V
ClientSampleId :
VICV258

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 11/24/2021
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) Chloroform	4.368	83	123226	4.843	ug/L		99
27) 1,2-Dichloroethane	5.127	62	66536	4.919	ug/L		98
29) 1,1,1-Trichloroethane	4.603	97	115617	5.078	ug/L		99
30) Cyclohexane	4.674	56	101833	5.360	ug/L		99
31) Carbon tetrachloride	4.825	117	107755	5.167	ug/L		98
33) Benzene	5.095	78	263803	5.311	ug/L		100
34) Trichloroethene	5.908	95	70790	5.320	ug/L		96
35) Methylcyclohexane	6.127	83	114008	5.496	ug/L		97
37) 1,2-Dichloropropane	6.169	63	60319	5.109	ug/L		100
38) Bromodichloromethane	6.506	83	82712	5.162	ug/L	#	98
39) cis-1,3-Dichloropropene	7.027	75	89835	5.347	ug/L		98
40) 4-Methyl-2-pentanone	7.223	43	303313	53.816	ug/L		99
42) Toluene	7.384	91	293462	5.448	ug/L		99
44) trans-1,3-Dichloropropene	7.648	75	76533	5.420	ug/L		97
45) 1,1,2-Trichloroethane	7.838	97	43350	5.303	ug/L		97
47) Tetrachloroethene	7.973	164	63019	5.204	ug/L		97
48) 2-Hexanone	8.140	43	221210	53.103	ug/L		97
49) Dibromochloromethane	8.243	129	58008	5.178	ug/L		98
50) 1,2-Dibromoethane	8.349	107	40802	5.118	ug/L		99
51) Chlorobenzene	8.879	112	189144	5.296	ug/L		98
52) Ethylbenzene	9.011	91	310250	5.510	ug/L		99
53) m,p-xylene	9.137	106	122073	5.447	ug/L		97
54) o-xylene	9.542	106	117453	5.511	ug/L		99
55) Styrene	9.558	104	203349	5.663	ug/L		99
57) 1,1,2,2-Tetrachloroethane	10.239	83	46098	5.068	ug/L		100
59) Bromoform	9.731	173	32473	5.064	ug/L		100
60) Isopropylbenzene	9.931	105	317323	5.473	ug/L		99
61) 1,2,3-Trichloropropane	10.272	75	33782	4.906	ug/L		97
62) 1,3,5-Trimethylbenzene	10.538	105	268972	5.575	ug/L		99
63) 1,2,4-Trimethylbenzene	10.915	105	270310	5.666	ug/L		100
64) 1,3-Dichlorobenzene	11.178	146	159169	5.369	ug/L		99
65) 1,4-Dichlorobenzene	11.272	146	158169	5.309	ug/L		99
67) 1,2-Dichlorobenzene	11.641	146	141580	5.219	ug/L		99
68) 1,2-Dibromo-3-chloropr...	12.426	75	7034	5.144	ug/L		96
69) 1,3,5-Trichlorobenzene	12.644	180	125463	5.421	ug/L		99
70) 1,2,4-trichlorobenzene	13.262	180	97357	5.421	ug/L		97
71) Naphthalene	13.503	128	136908	5.665	ug/L		99
72) 1,2,3-Trichlorobenzene	13.744	180	88202	5.668	ug/L		99

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