Quantitation Report (QT Reviewed)

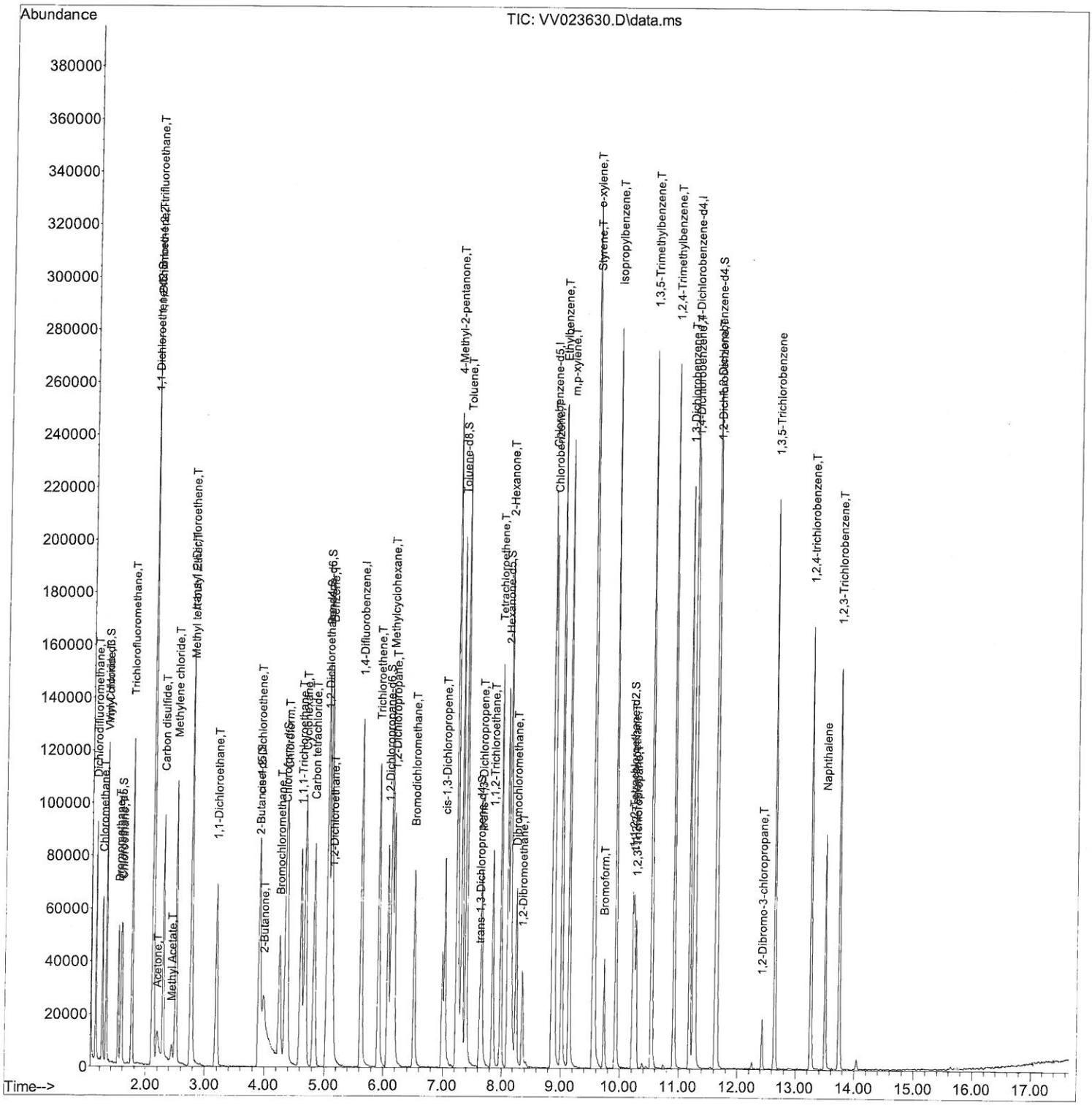
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111821\
Data File : VV023630.D
Acq On : 19 Nov 2021 01:38
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 39 Sample Multiplier: 1

Quant Time: Nov 19 04:12:08 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 19 03:51:44 2021
Response via : Initial Calibration

Instrument :
MSVOA_V
LabSampleId :
VSTDCCC005EC

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



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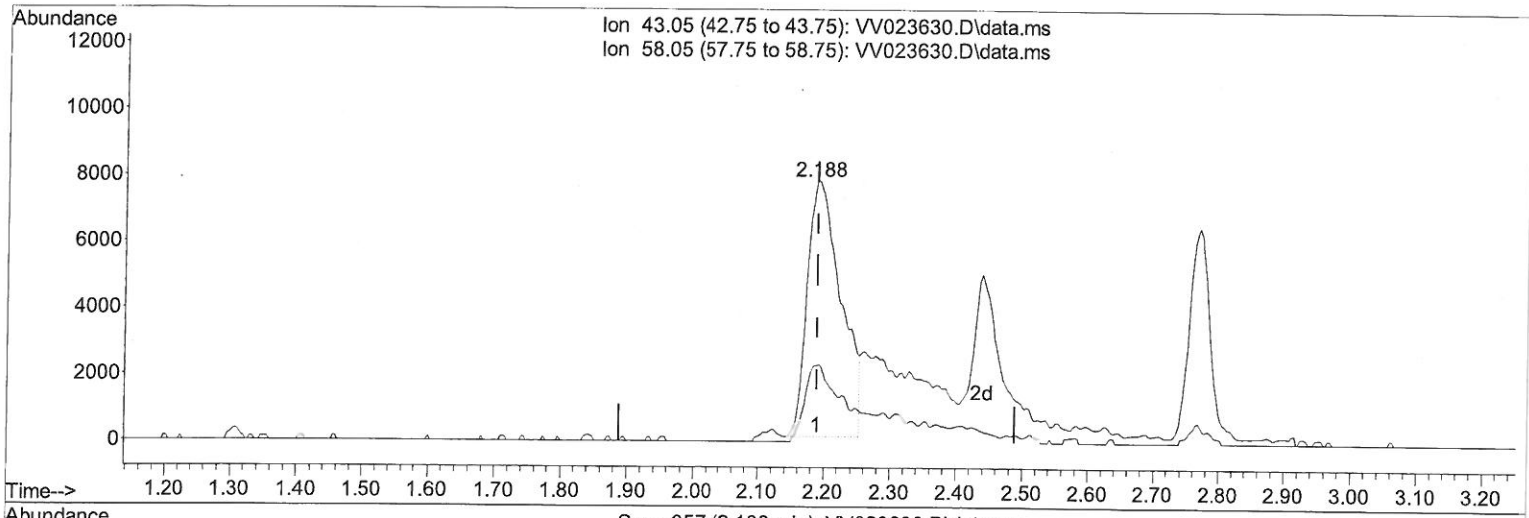

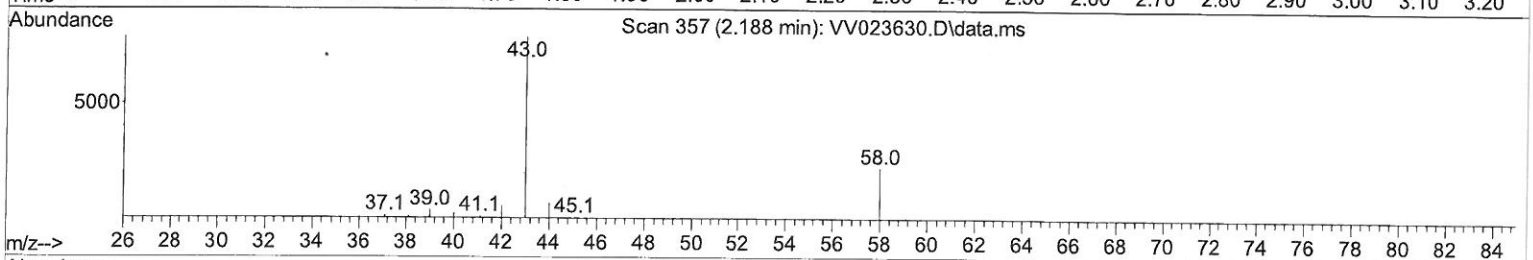

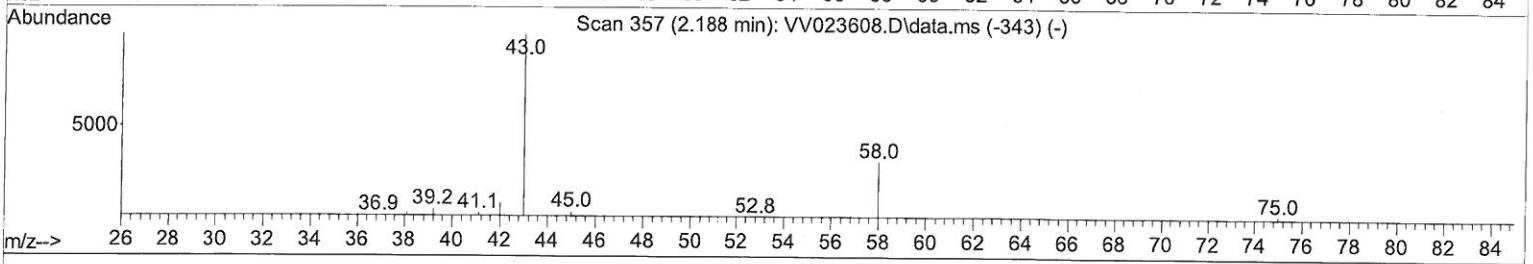

TIC: VV023630.D\data.ms

(13) Acetone (T)

2.188min (+ 0.000) 35.39 ug/L

response 27404

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	27.70	28.44
0.00	0.00	0.00
0.00	0.00	0.00

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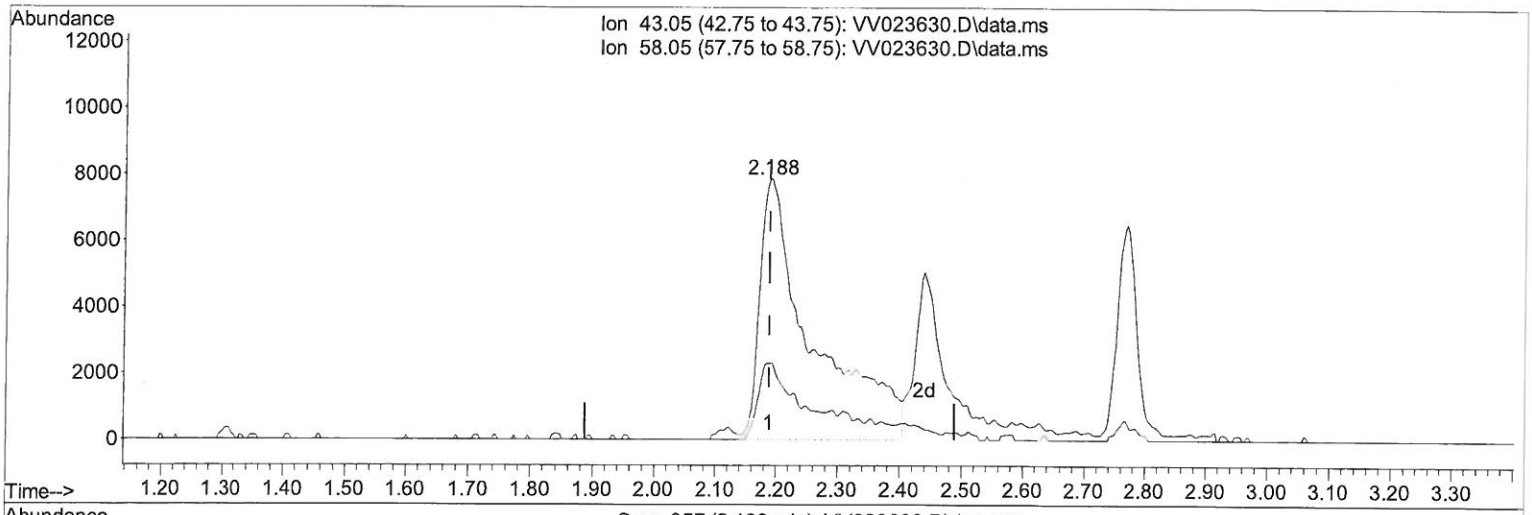

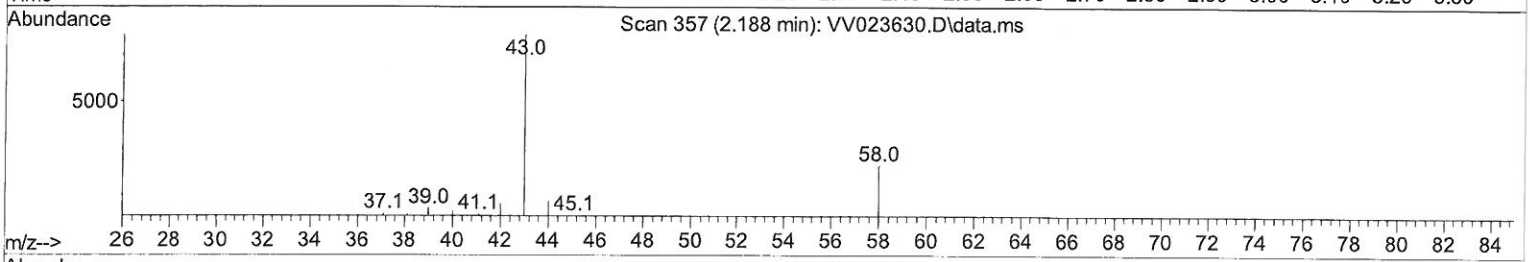

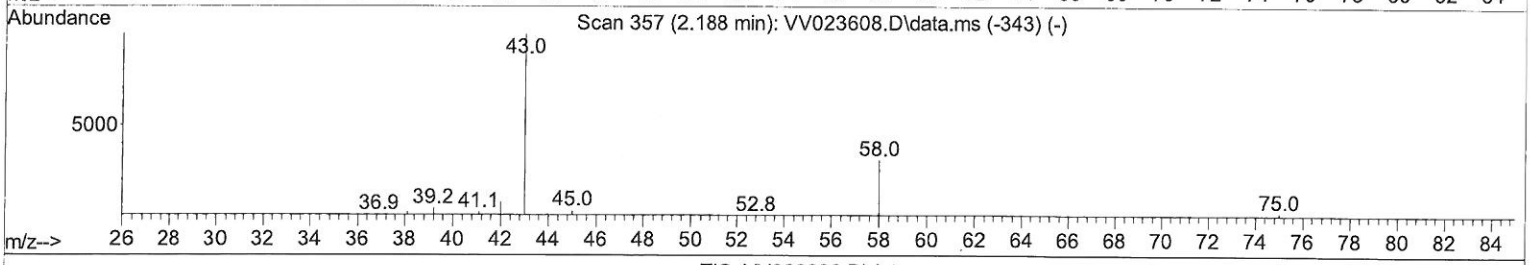

TIC: VV023630.D\data.ms

(13) Acetone (T)

2.188min (+ 0.000) 60.04 ug/L m

response 46488

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	27.70	16.76
0.00	0.00	0.00
0.00	0.00	0.00

MD 11/26/21

Quantitation Report (Qedit)

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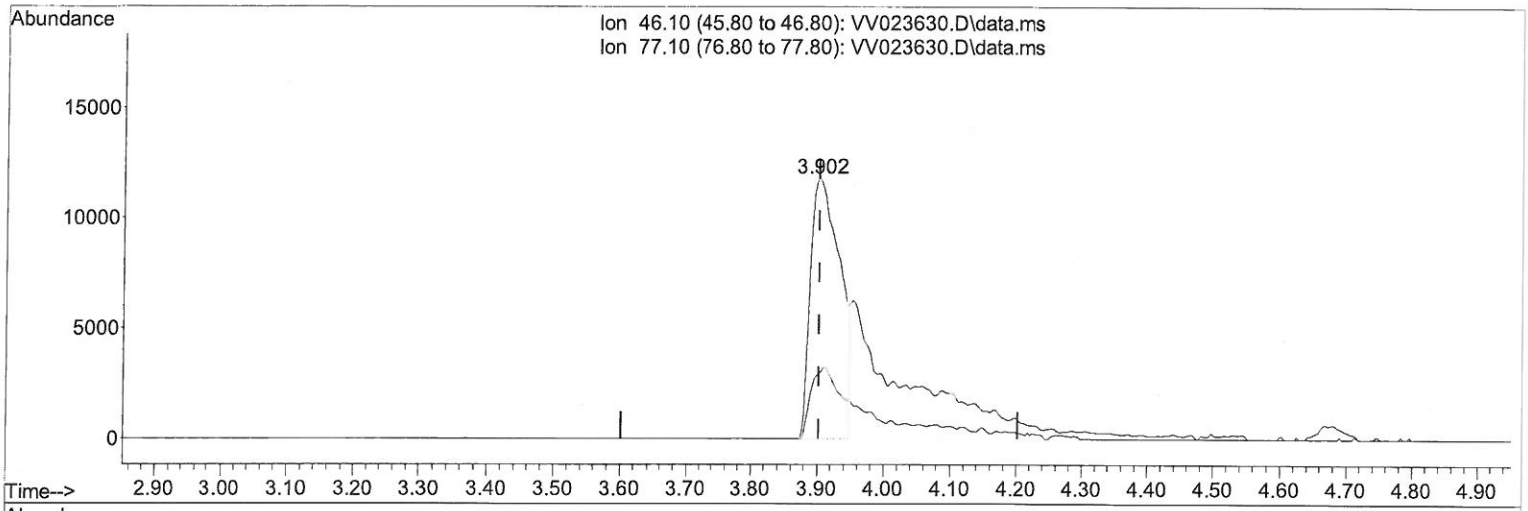

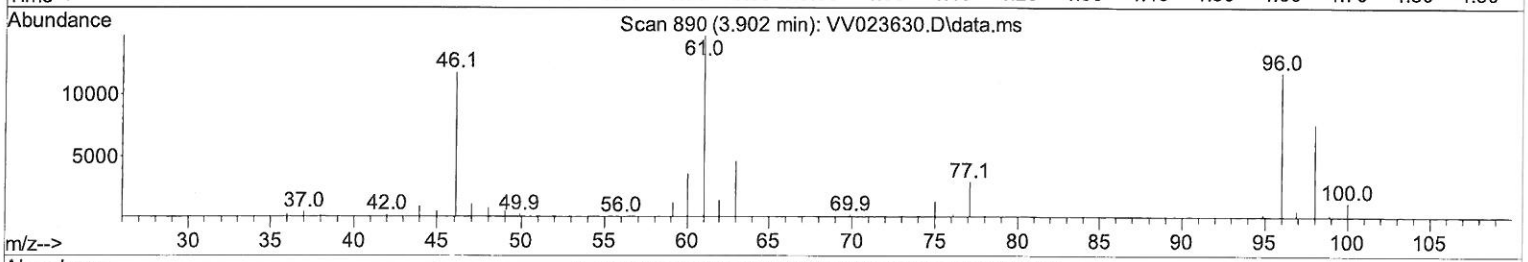

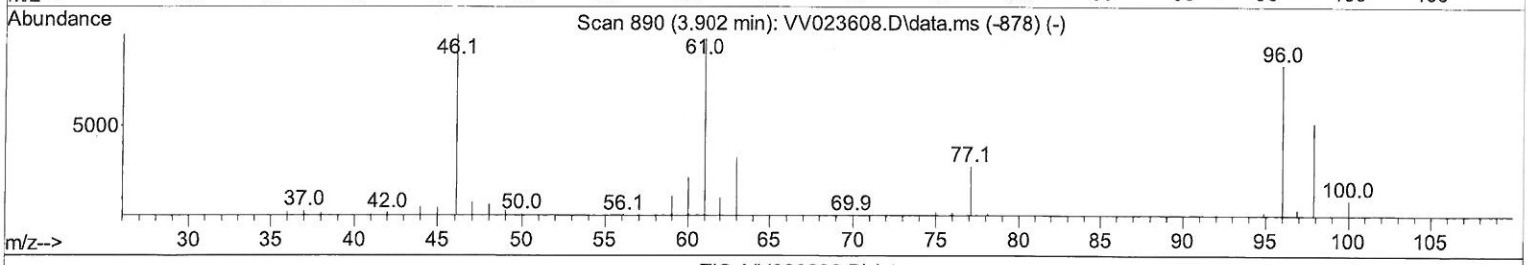

TIC: VV023630.D\data.ms

(20) 2-Butanone-d5 (S)

3.902min (+ 0.000) 28.36 ug/L

response 35934

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	22.30	37.65#
0.00	0.00	0.00
0.00	0.00	0.00

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MSVOA_V
LabSampleId :
VSTDCCC005EC

Manual IntegrationsAPPROVED

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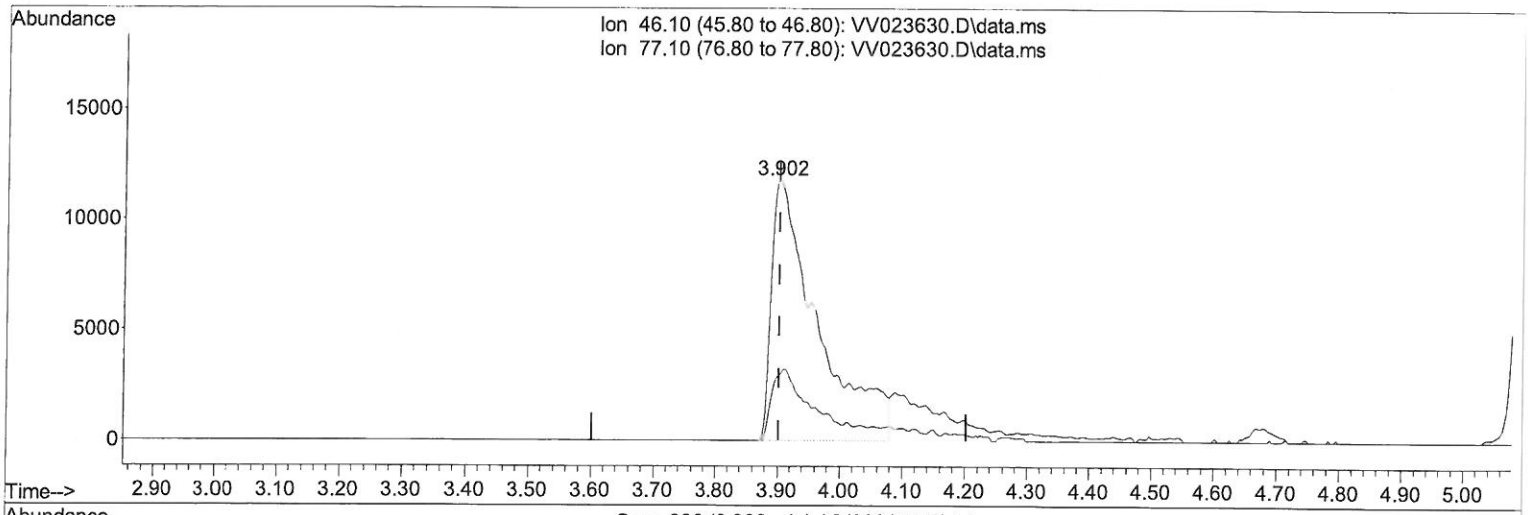

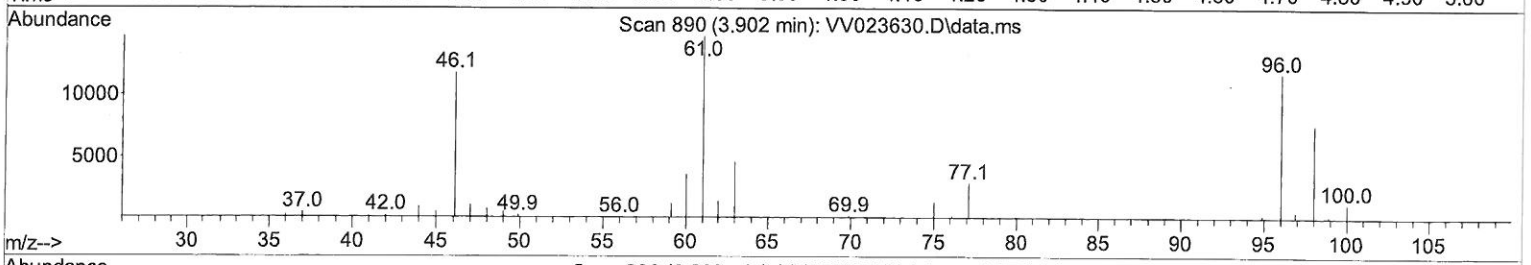

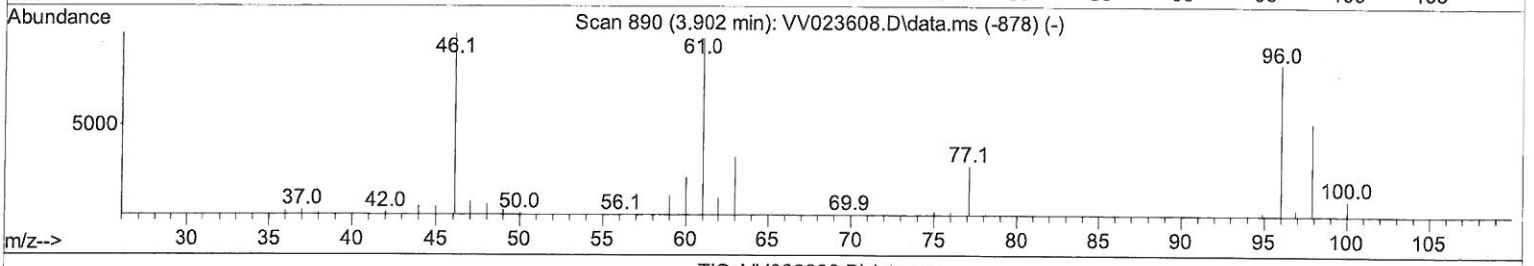

TIC: VV023630.D\data.ms

(20) 2-Butanone-d5 (S)

3.902min (+ 0.000) 47.86 ug/L m

response 60658

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

MD 11/26/21

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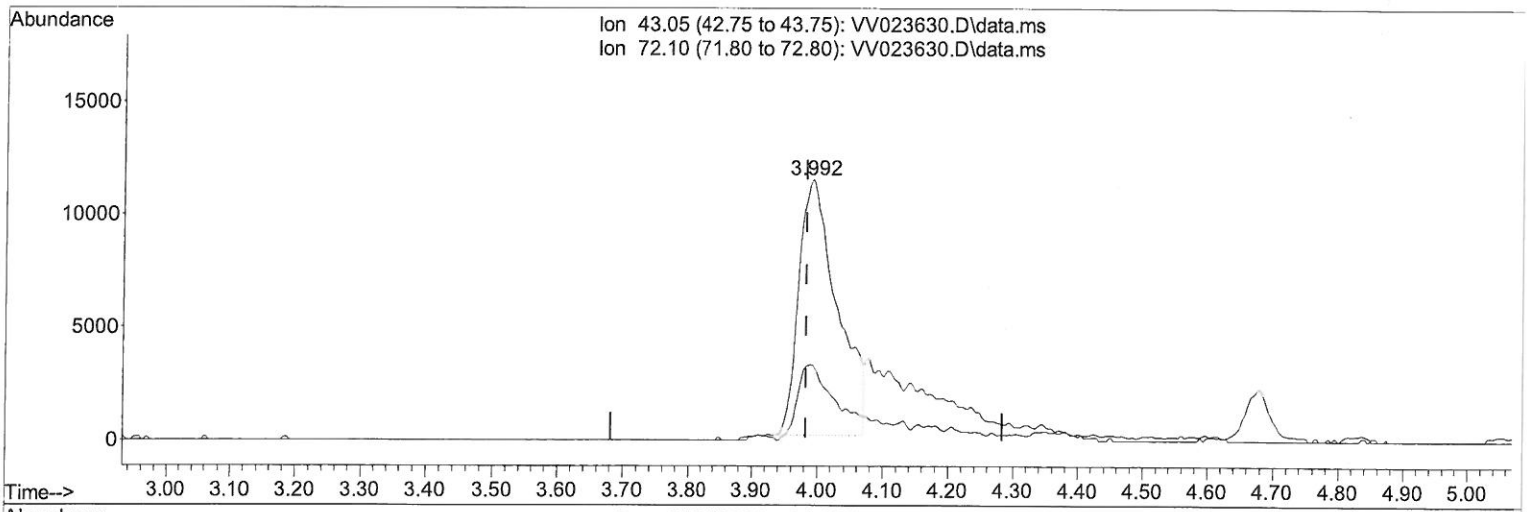

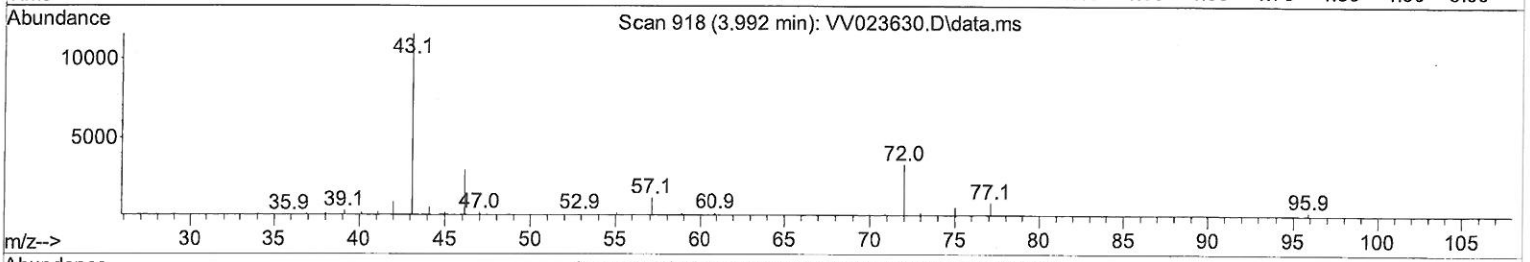

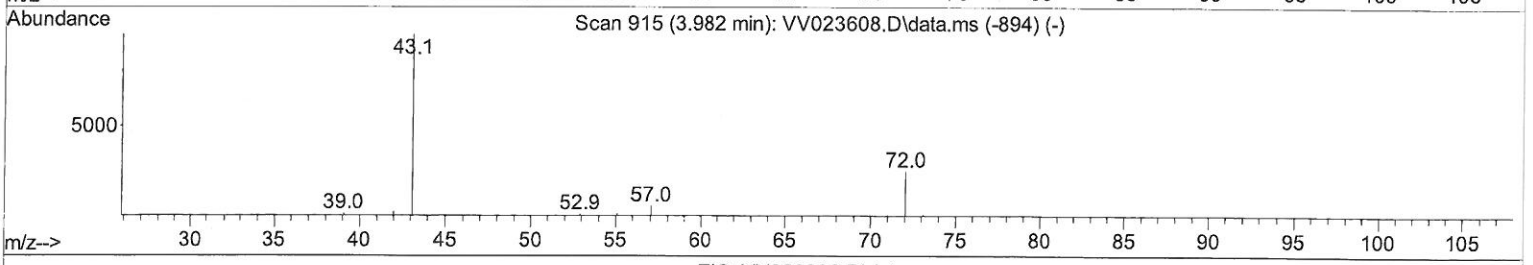

TIC: VV023630.D\data.ms

(21) 2-Butanone (T)

3.992min (+ 0.010) 36.80 ug/L

response 46073

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	23.90	24.35
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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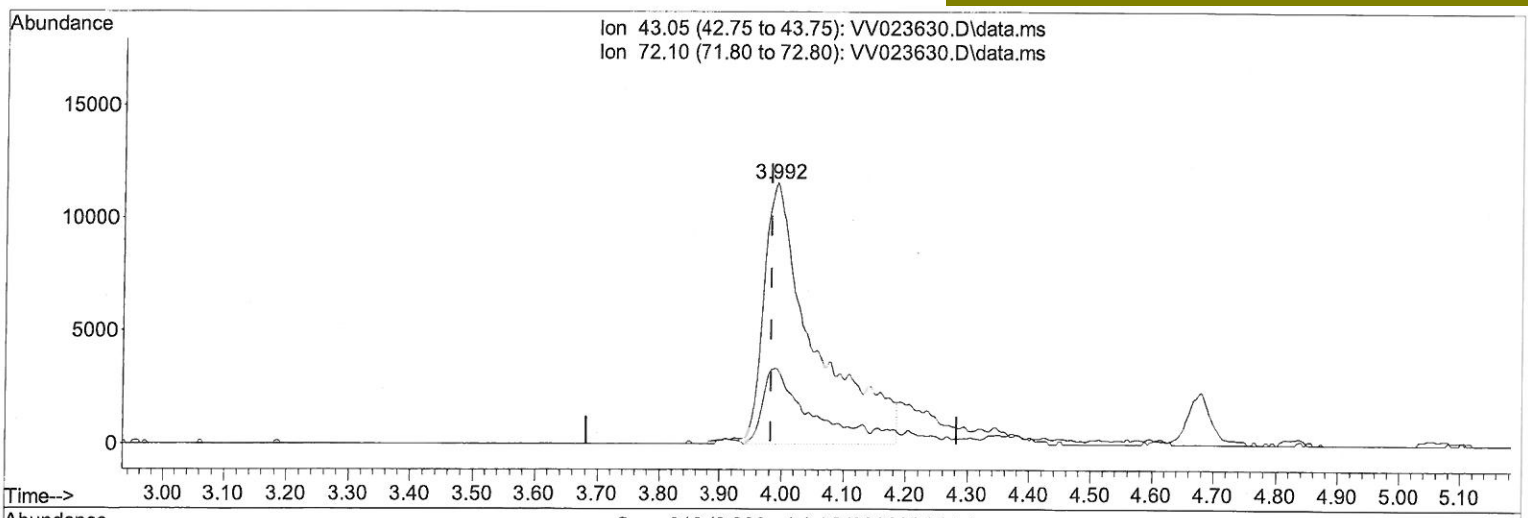

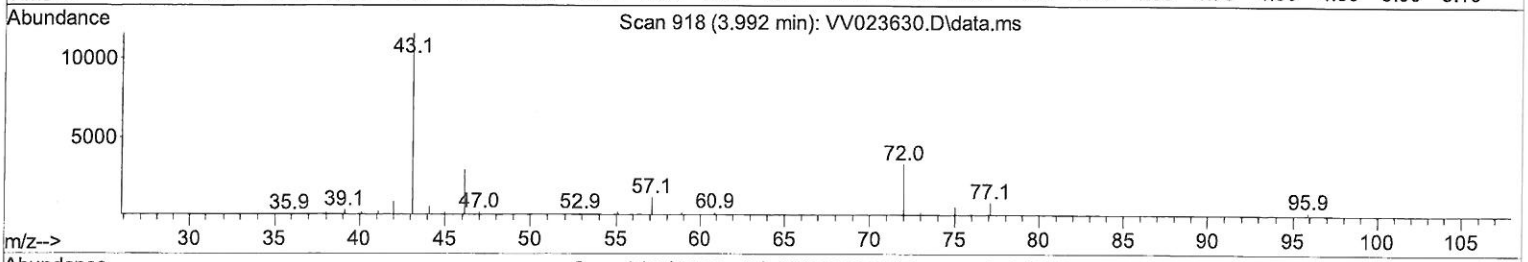

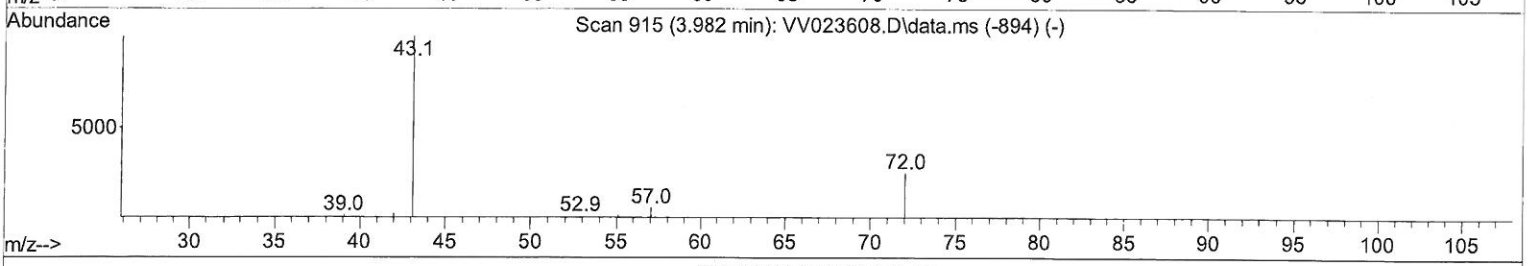

TIC: VV023630.D\data.ms

(21) 2-Butanone (T)

3.992min (+ 0.010) 52.44 ug/L m

response 65657

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	23.90	17.09
0.00	0.00	0.00
0.00	0.00	0.00

MD 11/26/21

Quantitation Report (QT Reviewed)

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	117419	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	118579	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	64773	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	35572	4.836	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 96.800%			
7) Chloroethane-d5	1.568	69	29425	4.908	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 98.200%			
11) 1,1-Dichloroethene-d2	2.108	63	66469	4.827	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 96.600%			
20) 2-Butanone-d5	3.902	46	60658m	47.865	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 95.720%			
24) Chloroform-d	4.349	84	68631	4.378	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.600%			
26) 1,2-Dichloroethane-d4	5.037	65	34733	4.927	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.600%			
32) Benzene-d6	5.050	84	134503	4.421	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.400%			
36) 1,2-Dichloropropane-d6	6.069	67	39631	4.425	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 88.400%			
41) Toluene-d8	7.317	98	131612	4.616	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.400%			
43) trans-1,3-Dichloroprop...	7.625	79	14670	4.320	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 86.400%			
46) 2-Hexanone-d5	8.092	63	57508	46.025	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 92.040%			
56) 1,1,2,2-Tetrachloroeth...	10.217	84	29930	4.647	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 93.000%			
66) 1,2-Dichlorobenzene-d4	11.625	152	49266	4.568	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 91.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	47032	4.108	ug/L	98
3) Chloromethane	1.240	50	40234	4.133	ug/L	98
5) Vinyl chloride	1.311	62	42208	4.341	ug/L	97
6) Bromomethane	1.520	94	20406	3.284	ug/L	97
8) Chloroethane	1.584	64	26562	4.734	ug/L	98
9) Trichlorofluoromethane	1.751	101	71563	4.899	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	35419	4.816	ug/L	95
12) 1,1-Dichloroethene	2.118	96	32771	4.680	ug/L	95
13) Acetone	2.188	43	46488m	60.035	ug/L	
14) Carbon disulfide	2.294	76	102778	3.890	ug/L	100
15) Methyl Acetate	2.439	43	11019	5.028	ug/L #	88
16) Methylene chloride	2.507	84	45064	4.410	ug/L	98
17) Methyl tert-butyl Ether	2.770	73	73250	4.752	ug/L	97
18) trans-1,2-Dichloroethene	2.761	96	37707	4.381	ug/L	98
19) 1,1-Dichloroethane	3.188	63	67617	4.653	ug/L	98
21) 2-Butanone	3.992	43	65657m	52.445	ug/L	
22) cis-1,2-Dichloroethene	3.912	96	38546	4.653	ug/L #	91
23) Bromochloromethane	4.253	128	18508	4.845	ug/L #	79

MD 11/26/21

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
25) Chloroform	4.375	83	77636	5.012 ug/L	97
27) 1,2-Dichloroethane	5.134	62	39909	4.843 ug/L	99
29) 1,1,1-Trichloroethane	4.606	97	67097	4.659 ug/L	99
30) Cyclohexane	4.677	56	51797	4.014 ug/L	96
31) Carbon tetrachloride	4.828	117	61141	4.727 ug/L	98
33) Benzene	5.101	78	152303	4.595 ug/L	100
34) Trichloroethene	5.915	95	39498	4.481 ug/L	98
35) Methylcyclohexane	6.133	83	57538	4.136 ug/L	96
37) 1,2-Dichloropropane	6.175	63	36993	4.781 ug/L	98
38) Bromodichloromethane	6.510	83	49575	4.781 ug/L	95
39) cis-1,3-Dichloropropene	7.031	75	48656	4.372 ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	187001	52.111 ug/L	98
42) Toluene	7.387	91	169887	4.792 ug/L	98
44) trans-1,3-Dichloropropene	7.654	75	42748	4.629 ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	26417	4.752 ug/L	97
47) Tetrachloroethene	7.976	164	34286	4.489 ug/L	96
48) 2-Hexanone	8.143	43	136323	54.214 ug/L	96
49) Dibromochloromethane	8.249	129	34914	4.956 ug/L	98
50) 1,2-Dibromoethane	8.352	107	25099	4.872 ug/L #	97
51) Chlorobenzene	8.883	112	109277	4.638 ug/L	99
52) Ethylbenzene	9.014	91	173167	4.632 ug/L	98
53) m,p-xylene	9.140	106	69385	4.729 ug/L	94
54) o-xylene	9.545	106	67010	4.868 ug/L	97
55) Styrene	9.561	104	115145	4.883 ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.243	83	29181	4.791 ug/L	99
59) Bromoform	9.731	173	19509	5.043 ug/L	99
60) Isopropylbenzene	9.931	105	177164	4.766 ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	20769	4.827 ug/L	96
62) 1,3,5-Trimethylbenzene	10.538	105	143888	4.669 ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	145541	4.745 ug/L	100
64) 1,3-Dichlorobenzene	11.182	146	91064	4.795 ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	89785	4.629 ug/L	99
67) 1,2-Dichlorobenzene	11.645	146	82560	4.858 ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	4664	5.088 ug/L	97
69) 1,3,5-Trichlorobenzene	12.645	180	68030	4.575 ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	49288	4.139 ug/L	99
71) Naphthalene	13.503	128	70420	4.011 ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	46715	4.484 ug/L	99

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