Quantitation Report (QT Reviewed)

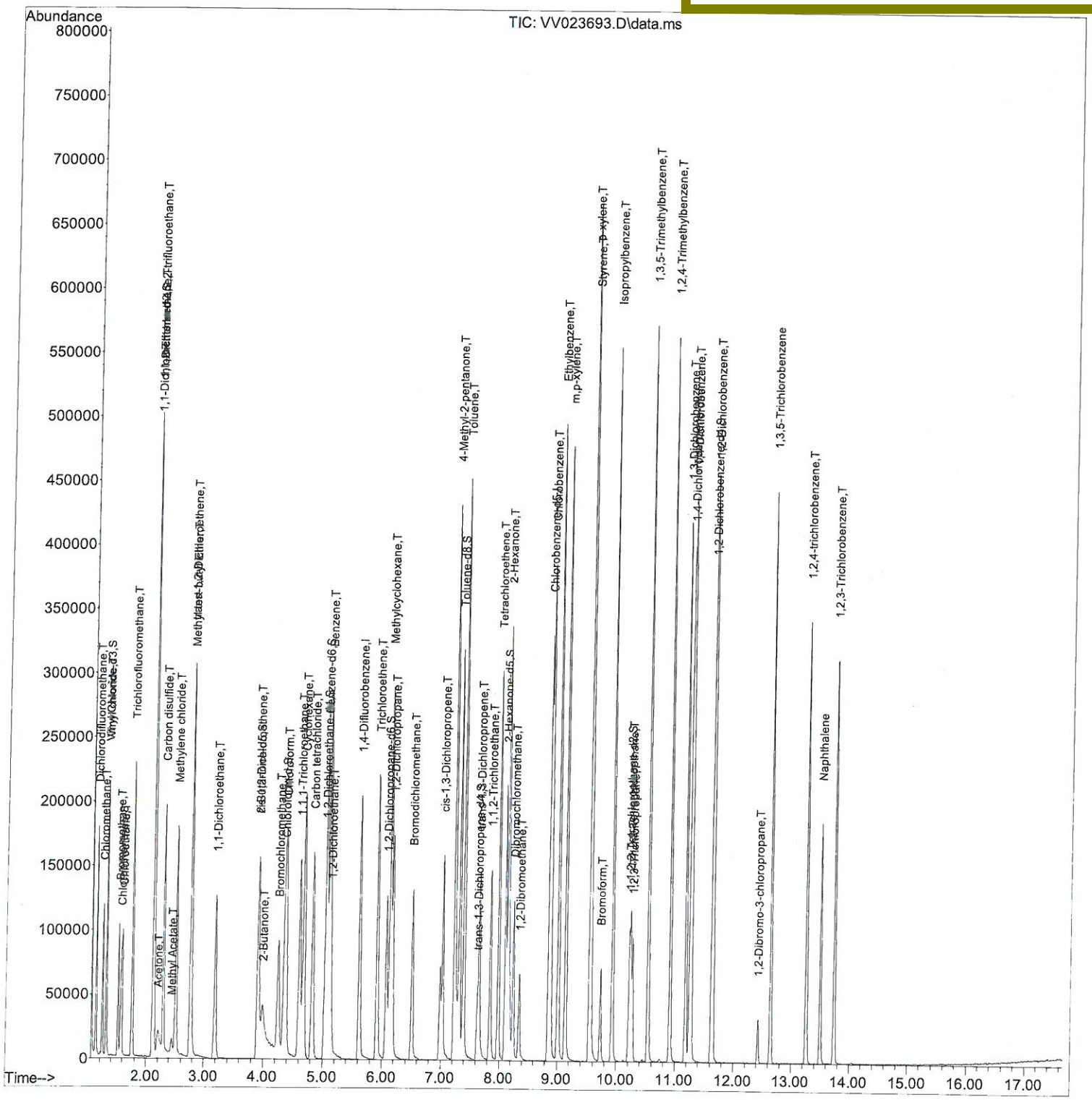
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112421\
Data File : VV023693.D
Acq On : 24 Nov 2021 11:18
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 26 01:44:18 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 24 04:42:45 2021
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VSTD005369

Manual Integrations APPROVED

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



Quantitation Report (Qedit)

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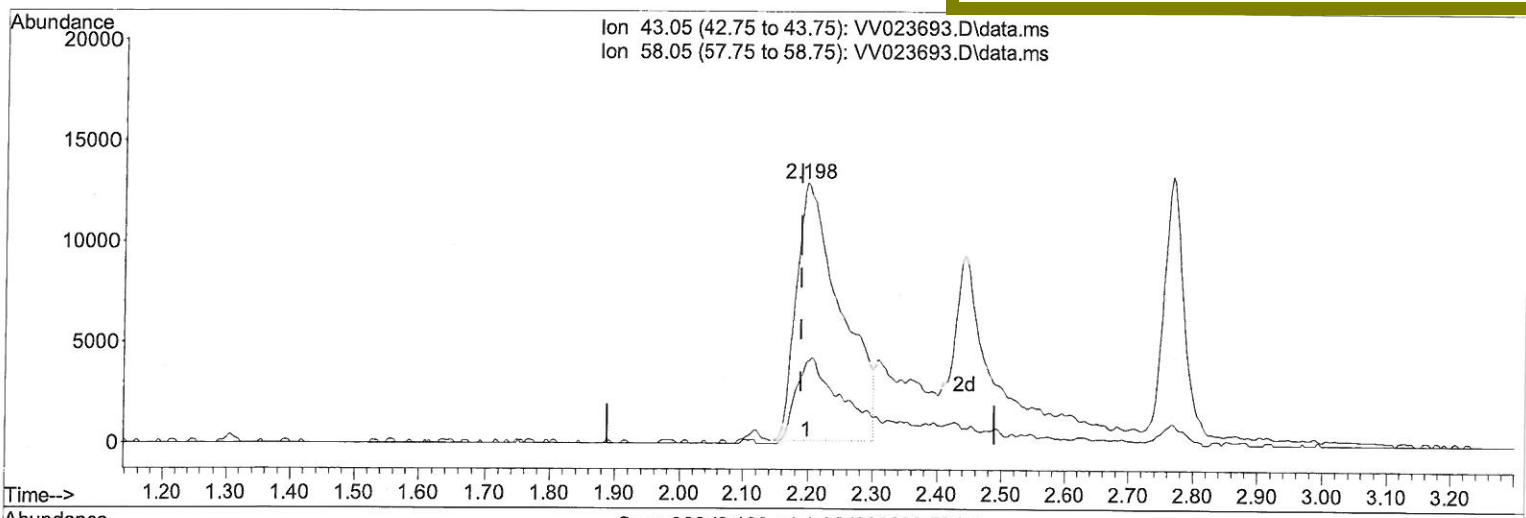

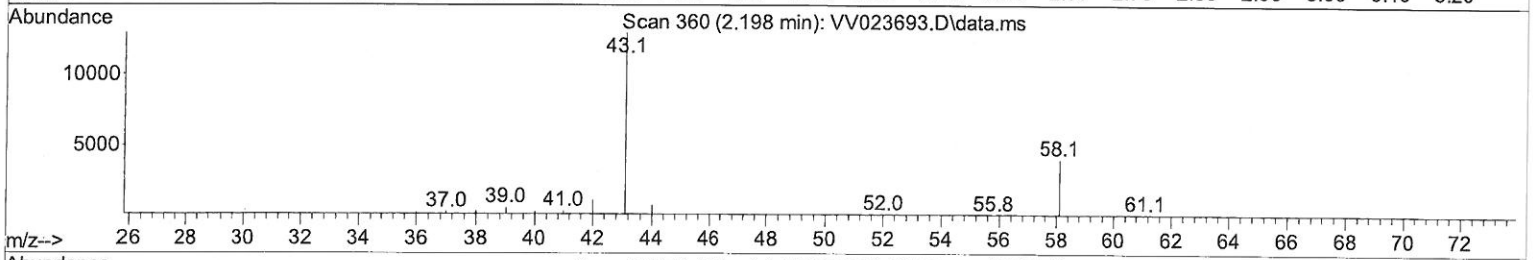

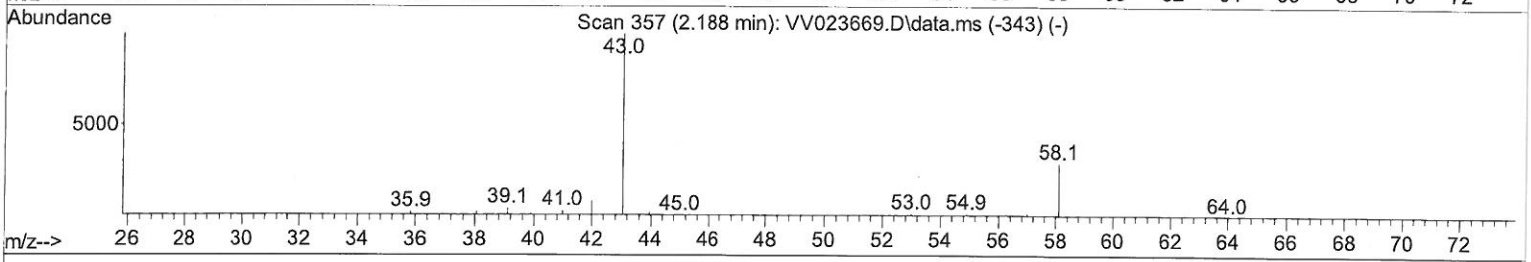

TIC: VV023693.D\data.ms

(13) Acetone (T)

2.198min (+ 0.010) 37.75 ug/L

response 61476

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	20.70	23.20
0.00	0.00	0.00
0.00	0.00	0.00

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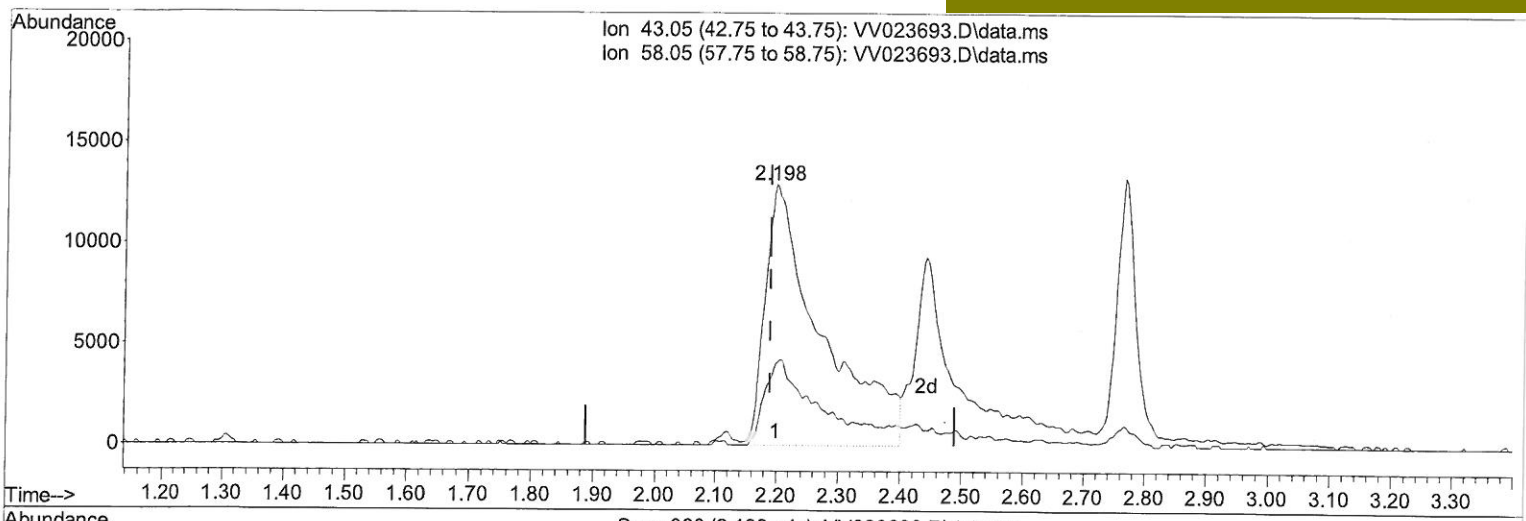

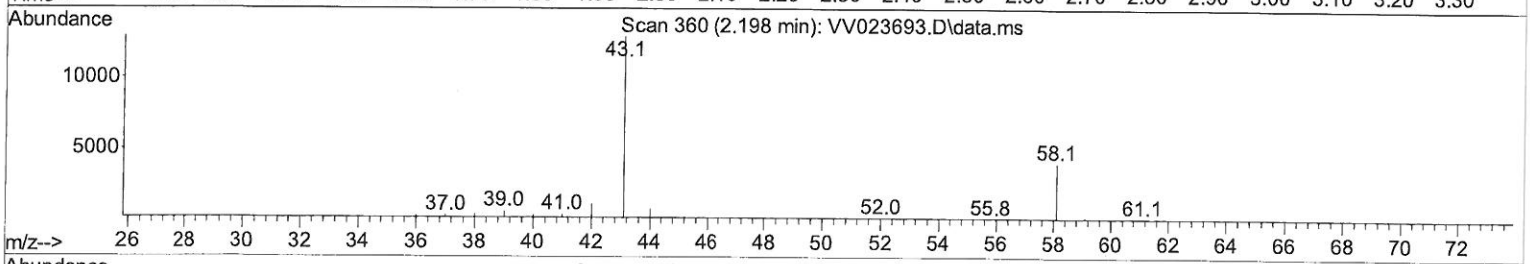

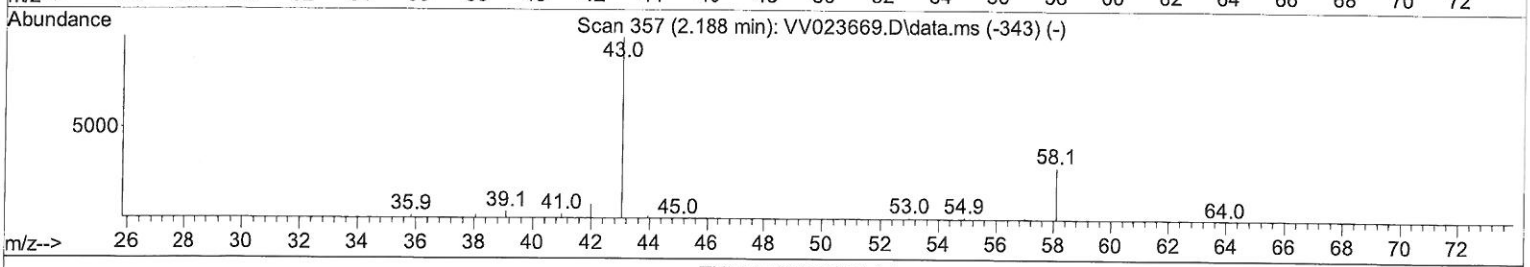

TIC: VV023693.D\data.ms

(13) Acetone (T)

2.198min (+ 0.010) 50.07 ug/L m

response 81540

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	20.70	17.49
0.00	0.00	0.00
0.00	0.00	0.00

2nd 12/01/21

Quantitation Report (Qedit)

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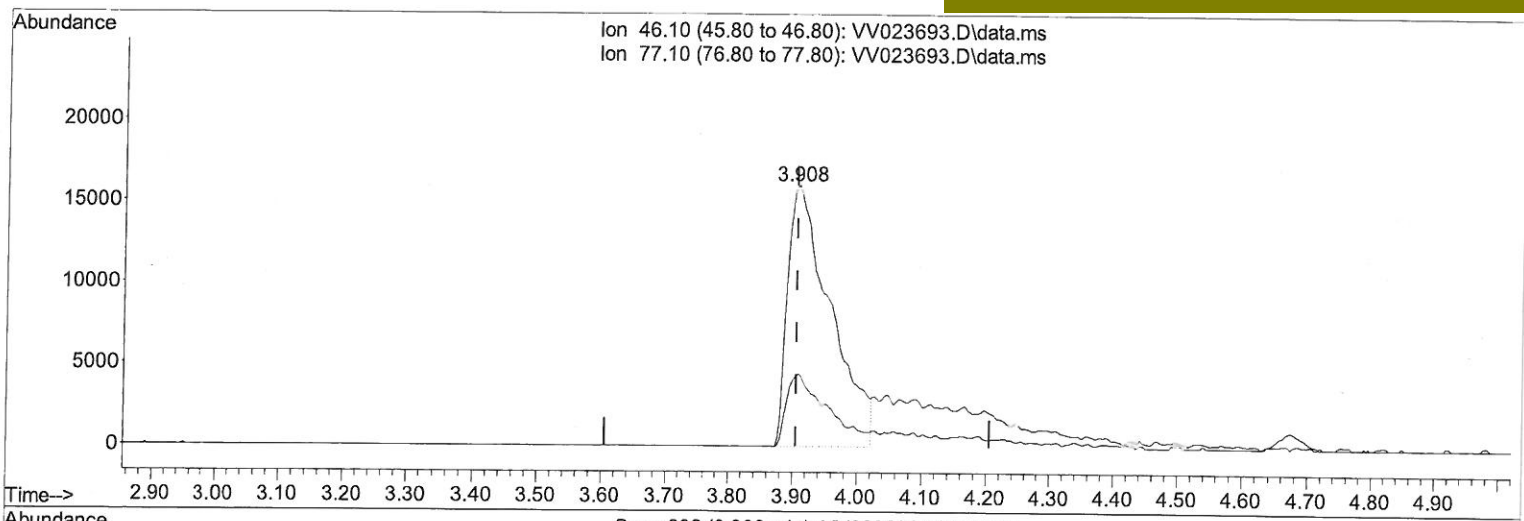

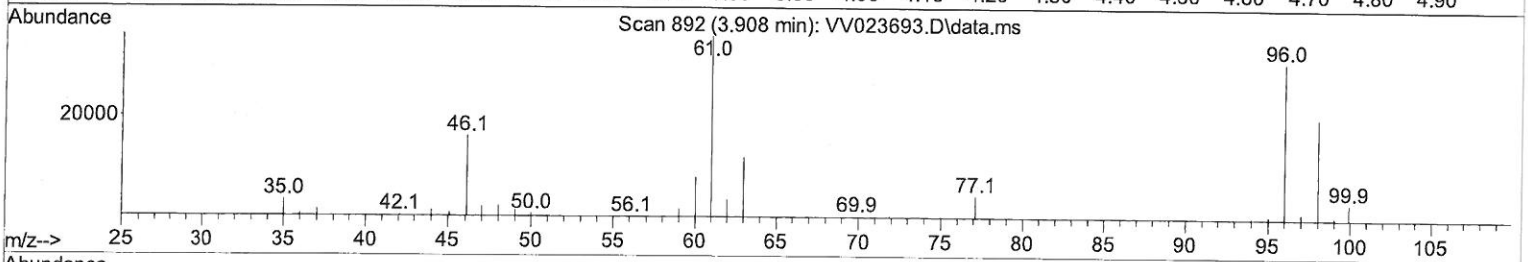

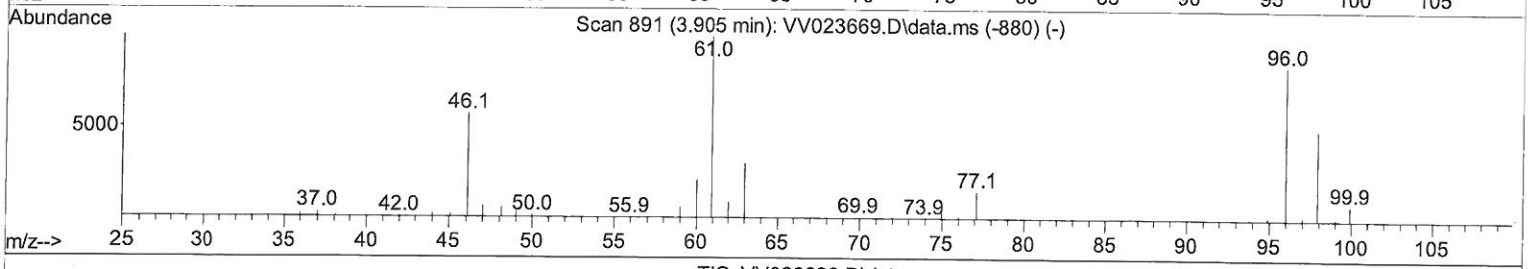

TIC: VV023693.D\data.ms

(20) 2-Butanone-d5 (S)

3.908min (+ 0.003) 40.76 ug/L

response 73766

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	9.40	17.97#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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Sample : VSTDCCC005
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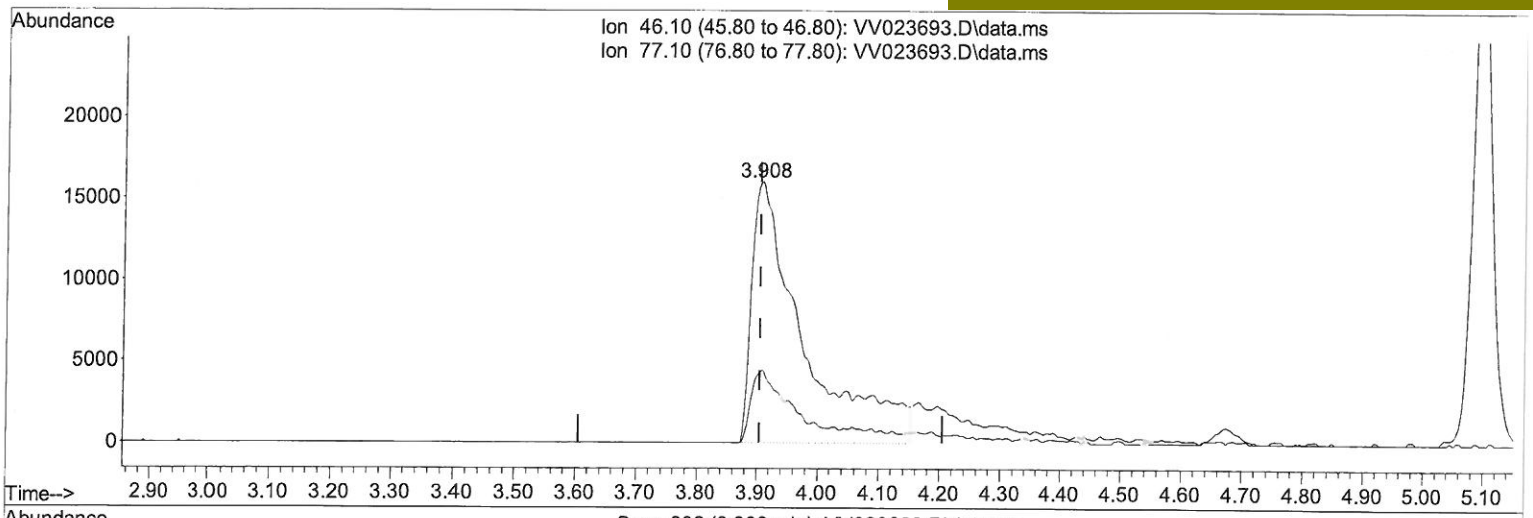
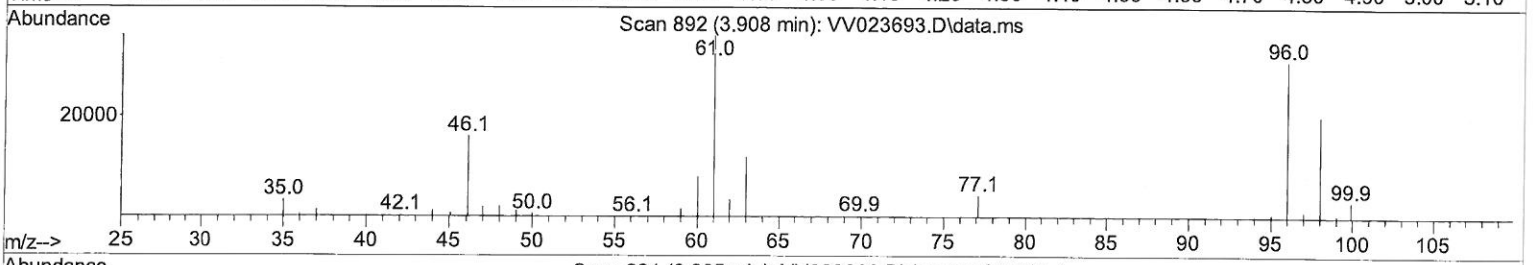
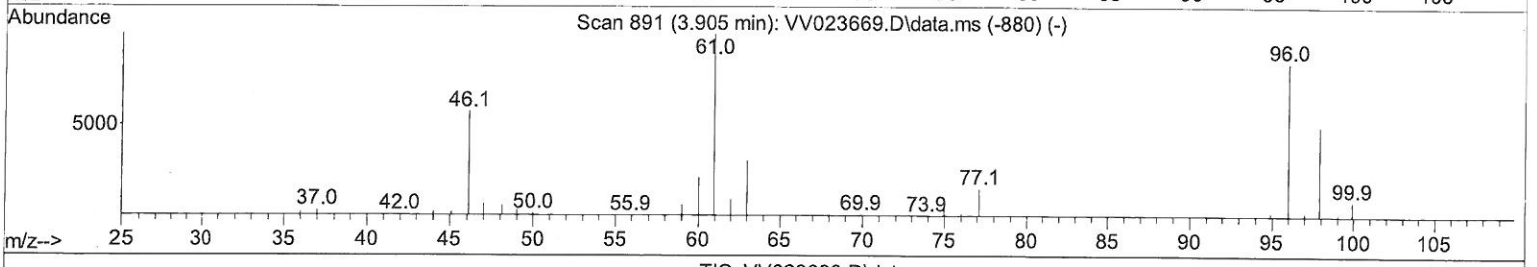
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 24 04:42:45 2021
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VSTD005369

Manual Integrations APPROVED
Reviewed By :John Carlone 11/26/2021
Supervised By :Mahesh Dadoda 11/26/2021







TIC: VV023693.D\data.ms

(20) 2-Butanone-d5 (S)

3.908min (+ 0.003) 52.54 ug/L m

9 MD 12/01/21

response 95087

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	9.40	13.94#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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MSVOA_V
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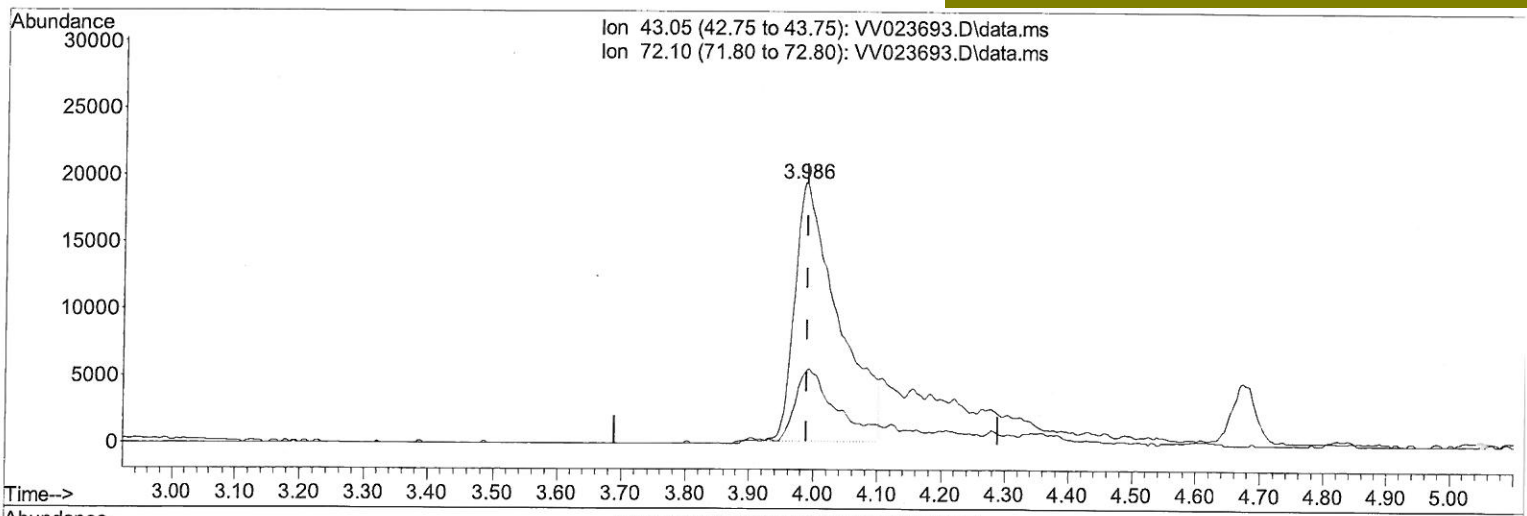

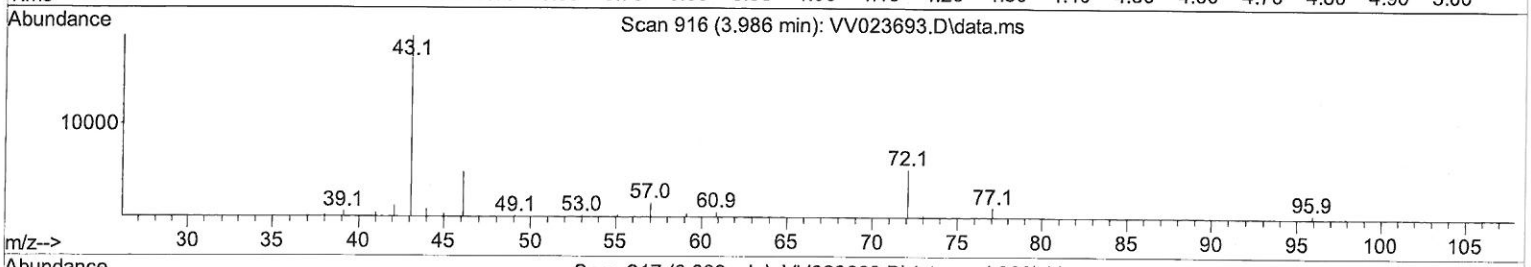

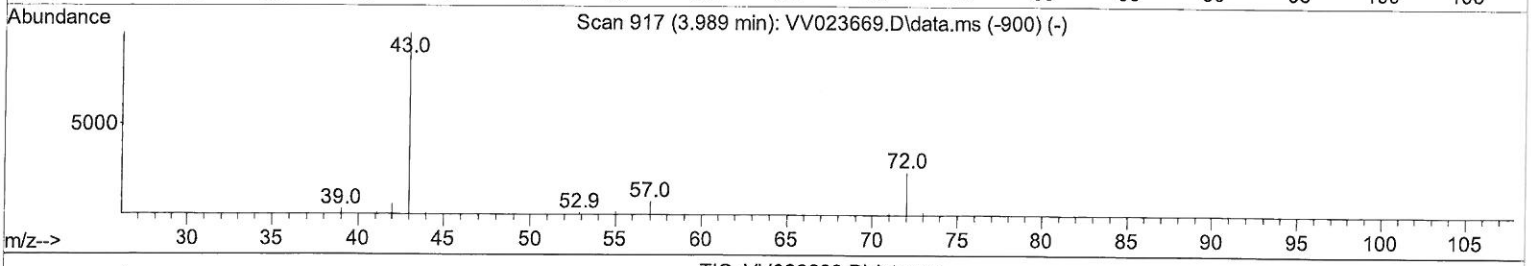

TIC: VV023693.D\data.ms

(21) 2-Butanone (T)

3.986min (-0.003) 44.26 ug/L

response 91234

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	22.10	24.18
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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Acq On : 24 Nov 2021 11:18
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Sample : VSTDCCC005
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ALS Vial : 2 Sample Multiplier: 1

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Instrument :
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ClientSampleId :
VSTD005369

Manual Integrations APPROVED
Reviewed By :John Carlone 11/26/2021
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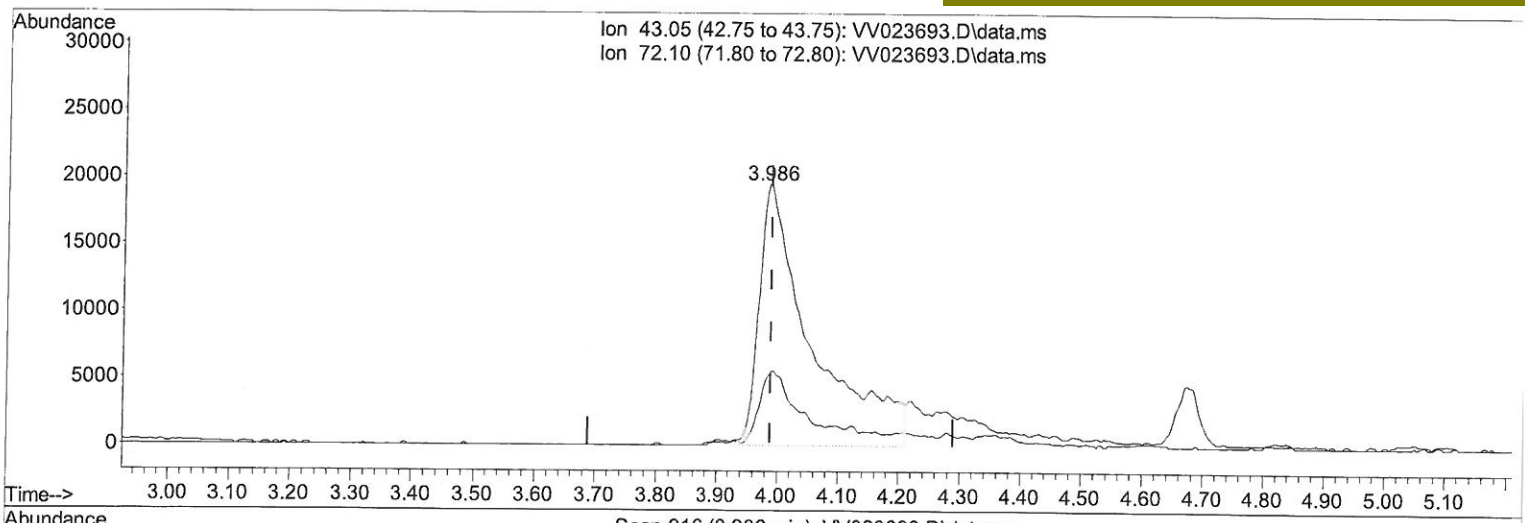

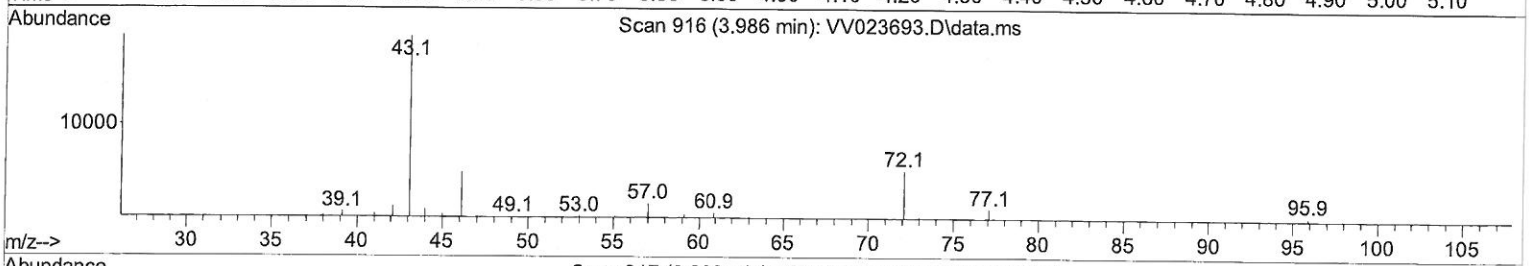

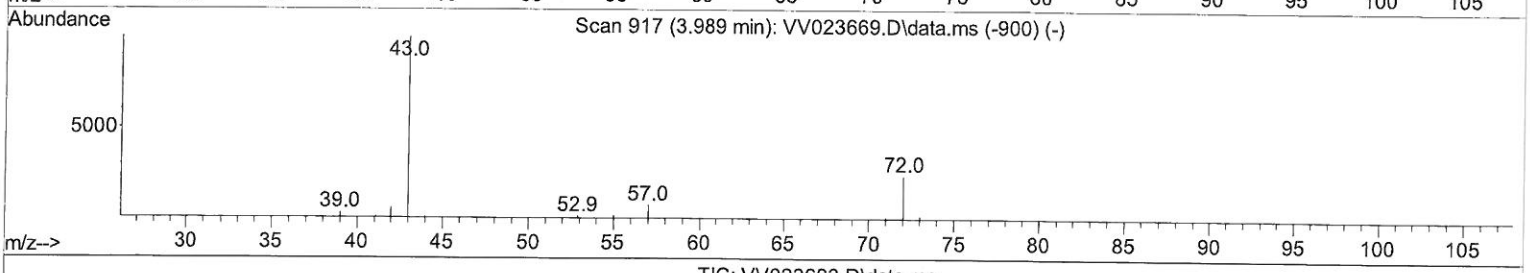

TIC: VV023693.D\data.ms

(21) 2-Butanone (T)

3.986min (-0.003) 57.22 ug/L m

response 117940

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	22.10	18.70
0.00	0.00	0.00
0.00	0.00	0.00

MD 12/01/21

Quantitation Report (QT Reviewed)

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	183378	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	176391	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	96142	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	56300	3.740	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 74.800%			
7) Chloroethane-d5	1.568	69	45294	3.828	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 76.600%			
11) 1,1-Dichloroethene-d2	2.111	63	111843	4.216	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 84.400%			
20) 2-Butanone-d5	3.908	46	95087m	52.543	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 105.080%			
24) Chloroform-d	4.346	84	113155	4.317	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.400%			
26) 1,2-Dichloroethane-d4	5.031	65	51769	4.227	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.600%			
32) Benzene-d6	5.047	84	214160	4.457	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.200%			
36) 1,2-Dichloropropane-d6	6.069	67	60521	4.493	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 89.800%			
41) Toluene-d8	7.313	98	202654	4.514	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.200%			
43) trans-1,3-Dichloroprop...	7.622	79	24917	4.589	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 91.800%			
46) 2-Hexanone-d5	8.088	63	94395	52.324	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 104.640%			
56) 1,1,2,2-Tetrachloroeth...	10.214	84	44291	4.569	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 91.400%			
66) 1,2-Dichlorobenzene-d4	11.622	152	76106	4.477	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 89.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	90576	5.206	ug/L	100
3) Chloromethane	1.240	50	74191	4.905	ug/L	96
5) Vinyl chloride	1.310	62	80205	5.049	ug/L	96
6) Bromomethane	1.523	94	41304	4.586	ug/L	98
8) Chloroethane	1.584	64	49419	4.910	ug/L	97
9) Trichlorofluoromethane	1.754	101	133323	5.151	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	68821	5.306	ug/L	99
12) 1,1-Dichloroethene	2.117	96	64244	5.229	ug/L	98
13) Acetone	2.198	43	81540m	50.073	ug/L	
14) Carbon disulfide	2.294	76	215763	5.225	ug/L	99
15) Methyl Acetate	2.442	43	20374	5.512	ug/L	100
16) Methylene chloride	2.507	84	73097	4.169	ug/L	97
17) Methyl tert-butyl Ether	2.767	73	142061	5.642	ug/L	100
18) trans-1,2-Dichloroethene	2.761	96	74116	5.296	ug/L	98
19) 1,1-Dichloroethane	3.188	63	124896	5.308	ug/L	99
21) 2-Butanone	3.986	43	117940m	57.221	ug/L	
22) cis-1,2-Dichloroethene	3.908	96	74863	5.578	ug/L	97
23) Bromochloromethane	4.246	128	34719	5.512	ug/L	91

MD 12/01/21

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
25) Chloroform	4.371	83	133525	5.094 ug/L	96
27) 1,2-Dichloroethane	5.130	62	72774	5.222 ug/L	99
29) 1,1,1-Trichloroethane	4.606	97	127793	5.544 ug/L	99
30) Cyclohexane	4.677	56	111052	5.773 ug/L	98
31) Carbon tetrachloride	4.825	117	118047	5.591 ug/L	99
33) Benzene	5.098	78	285864	5.685 ug/L	100
34) Trichloroethene	5.912	95	77183	5.730 ug/L	97
35) Methylcyclohexane	6.127	83	123639	5.887 ug/L	97
37) 1,2-Dichloropropane	6.172	63	65071	5.443 ug/L	100
38) Bromodichloromethane	6.506	83	91827	5.660 ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	99143	5.828 ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	332970	58.353 ug/L	99
42) Toluene	7.384	91	323289	5.928 ug/L	98
44) trans-1,3-Dichloropropene	7.648	75	85205	5.960 ug/L	99
45) 1,1,2-Trichloroethane	7.837	97	47713	5.765 ug/L	98
47) Tetrachloroethene	7.973	164	67472	5.503 ug/L	96
48) 2-Hexanone	8.140	43	244920	58.073 ug/L	98
49) Dibromochloromethane	8.243	129	64041	5.646 ug/L	98
50) 1,2-Dibromoethane	8.352	107	45578	5.647 ug/L	94
51) Chlorobenzene	8.879	112	209045	5.782 ug/L	98
52) Ethylbenzene	9.011	91	340530	5.974 ug/L	100
53) m,p-xylene	9.136	106	133892	5.901 ug/L	98
54) o-xylene	9.542	106	131110	6.076 ug/L	99
55) Styrene	9.558	104	222975	6.133 ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	51798	5.625 ug/L	99
59) Bromoform	9.731	173	34865	5.491 ug/L	99
60) Isopropylbenzene	9.931	105	352045	6.133 ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	37245	5.462 ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	294607	6.167 ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	301051	6.373 ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	173120	5.898 ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	170914	5.794 ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	154257	5.743 ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	8095	5.979 ug/L	94
69) 1,3,5-Trichlorobenzene	12.644	180	137105	5.983 ug/L	100
70) 1,2,4-trichlorobenzene	13.262	180	105650	5.942 ug/L	97
71) Naphthalene	13.503	128	149352	6.242 ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	93248	6.052 ug/L	98

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