Quantitation Report (QT Reviewed)

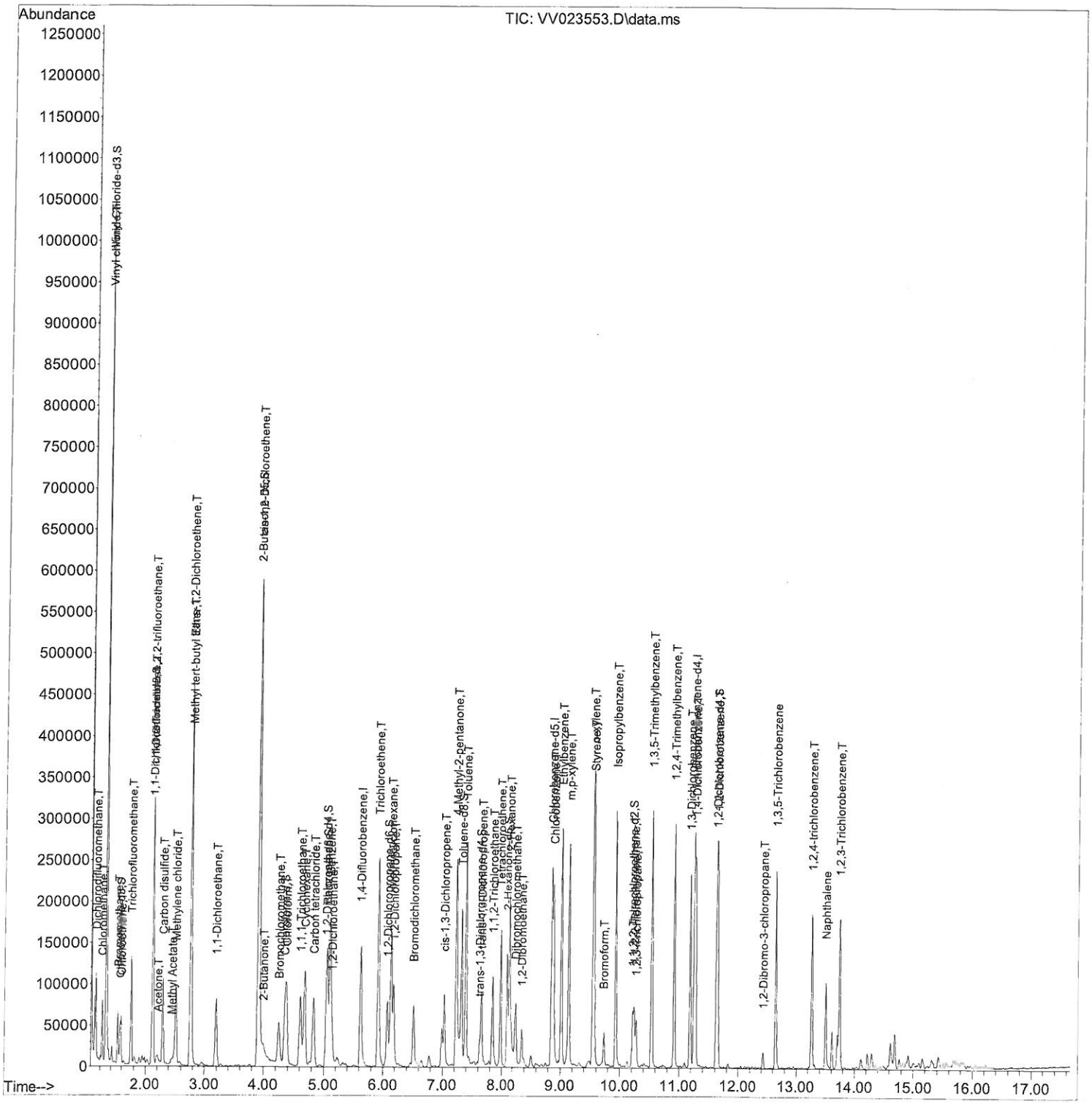
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111621\
Data File : VV023553.D
Acq On : 16 Nov 2021 23:10
Operator : SY/MD
Sample : M4627-03MS
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Nov 17 03:40:38 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 :
H4637MS

Manual IntegrationsAPPROVED

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



Quantitation Report (Qedit)

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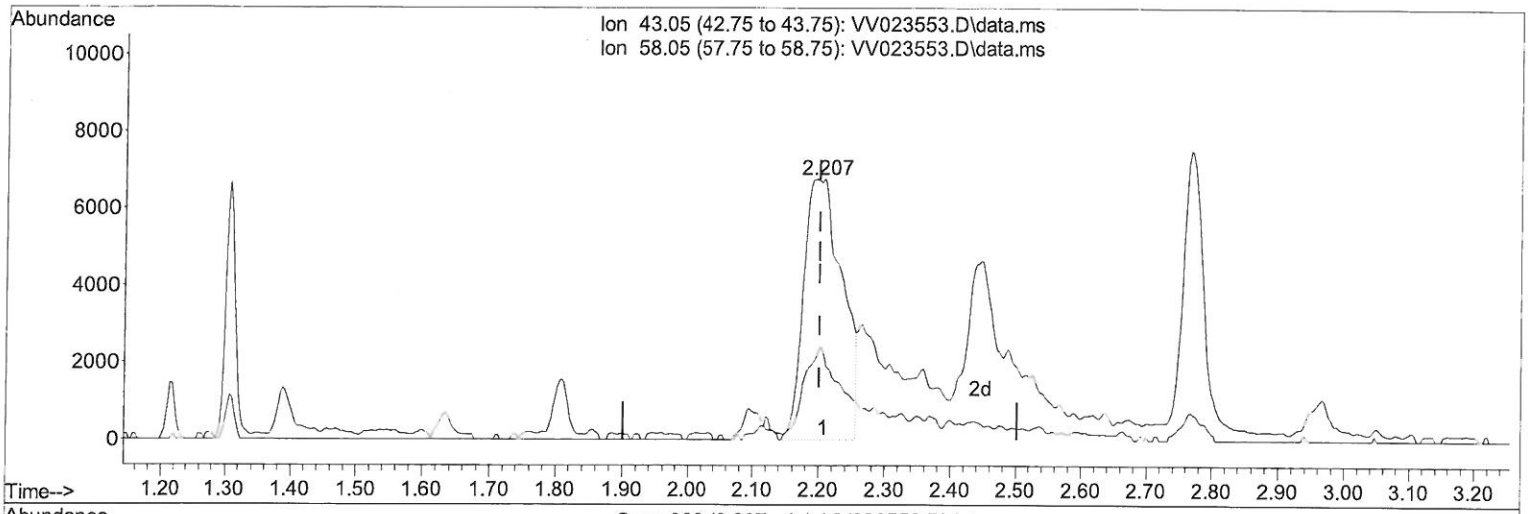

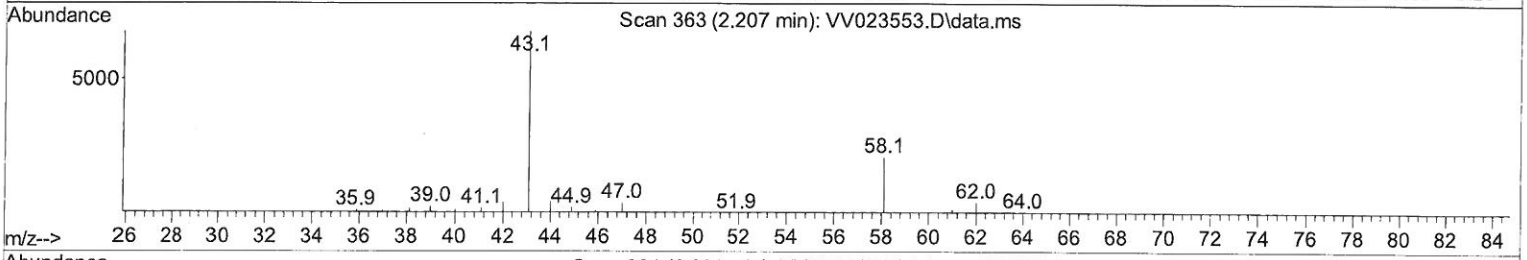

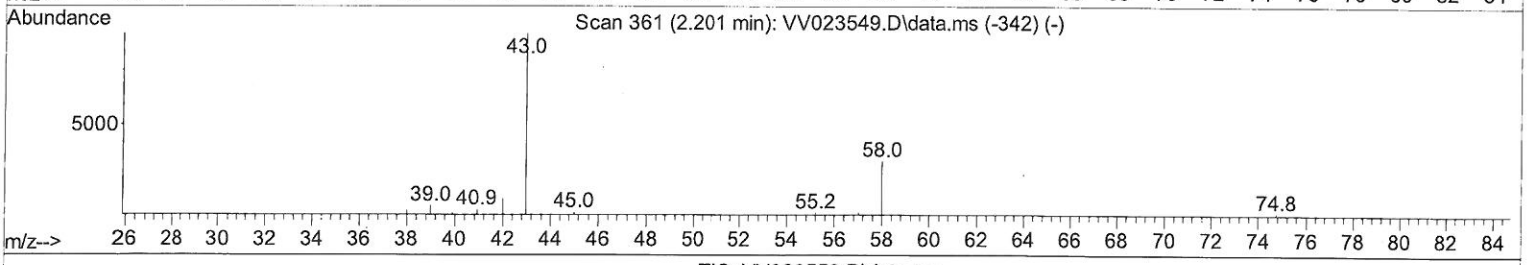

TIC: VV023553.D\data.ms

(13) Acetone (T)

2.207min (+ 0.006) 32.08 ug/L

response 27319

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	27.70	32.81
0.00	0.00	0.00
0.00	0.00	0.00

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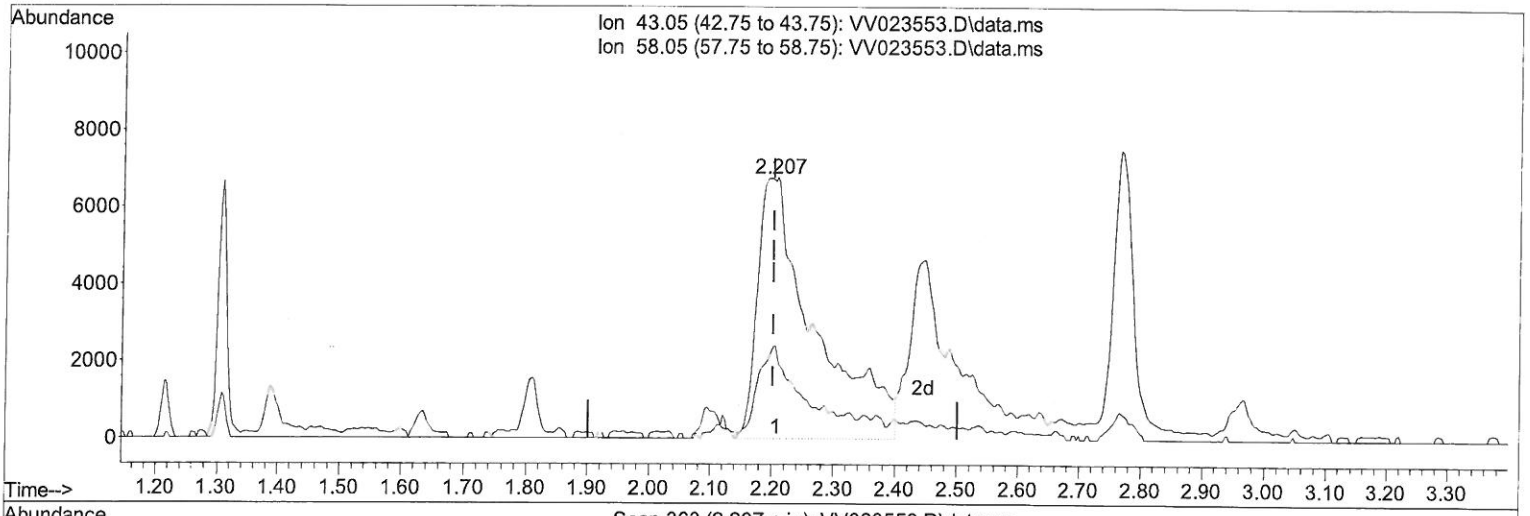

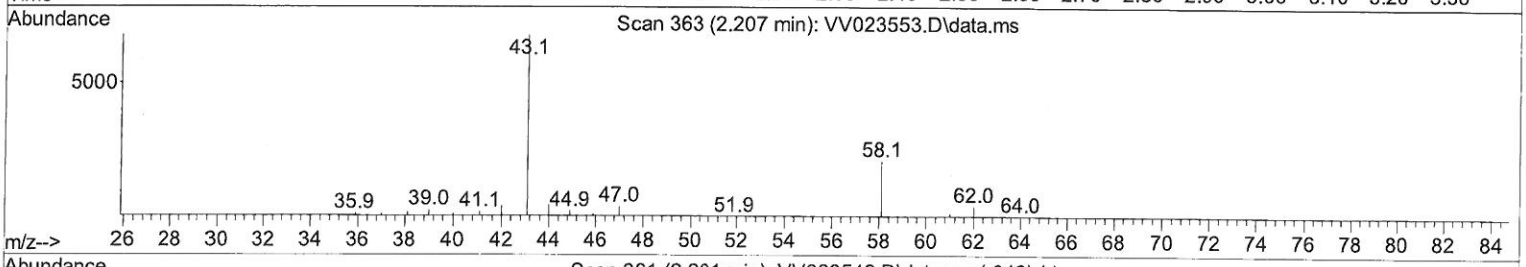

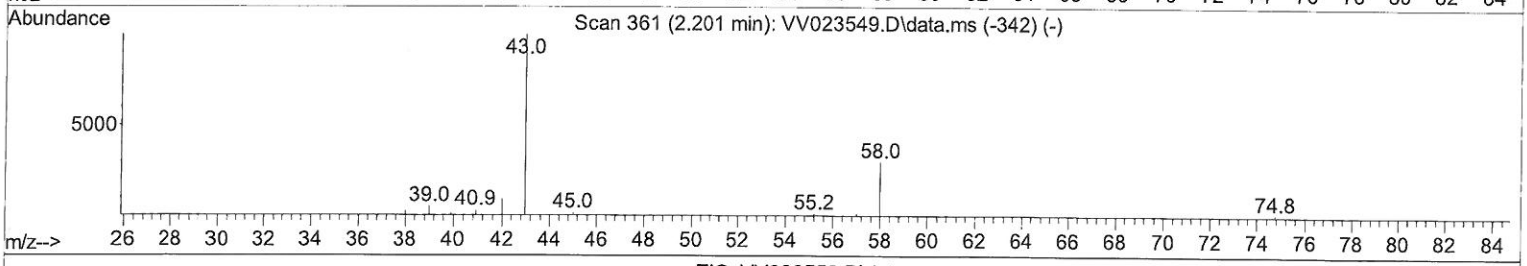

TIC: VV023553.D\data.ms

(13) Acetone (T)

2.207min (+ 0.006) 50.71 ug/L m

response 43182

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	27.70	20.76
0.00	0.00	0.00
0.00	0.00	0.00

SY MD 11/26/21

Quantitation Report (Qedit)

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Manual IntegrationsAPPROVED

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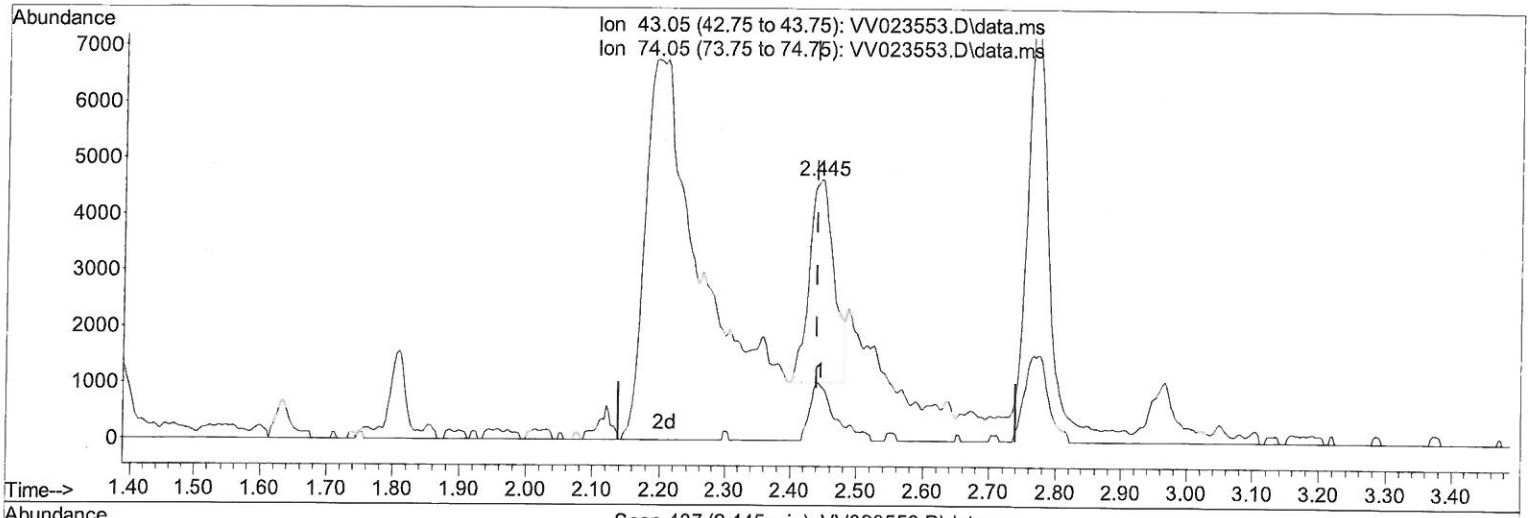

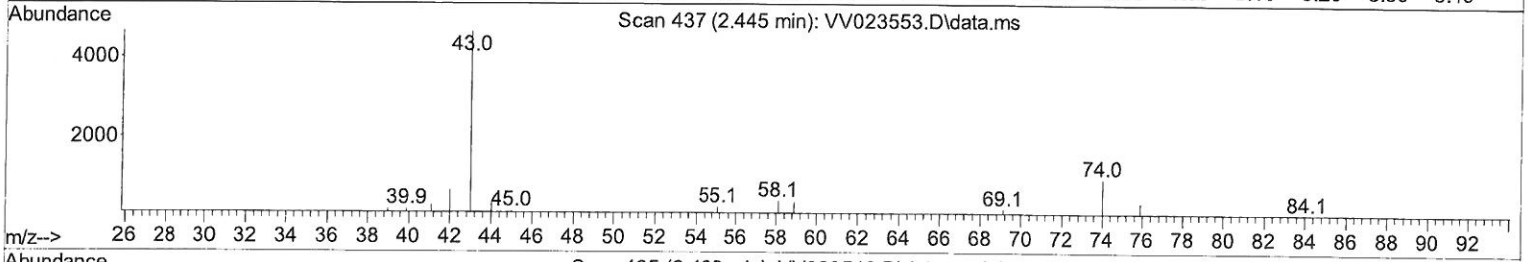

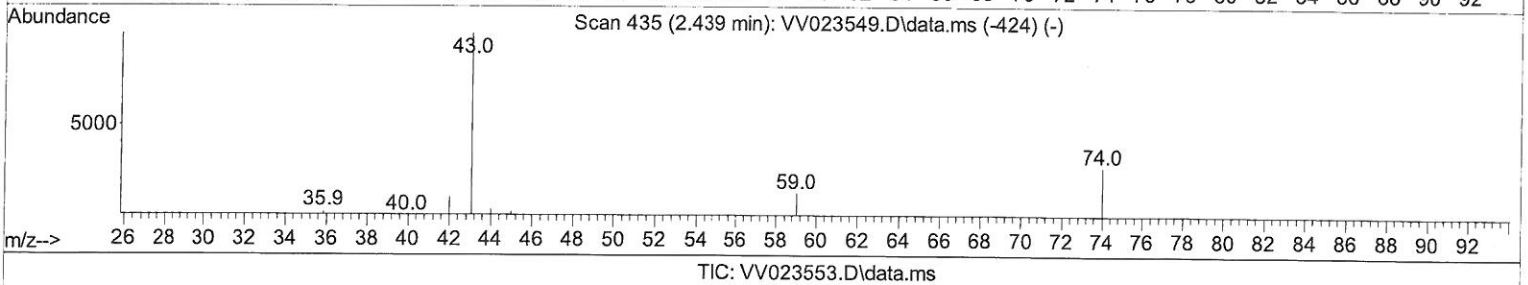

TIC: VV023553.D\data.ms

(15) Methyl Acetate (T)

2.445min (+ 0.006) 3.86 ug/L

response 9307

Ion	Exp%	Act%
43.05	100.00	100.00
74.05	27.70	24.77
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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Instrument :
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ClientSampleId :
H4637MS

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 11/17/2021
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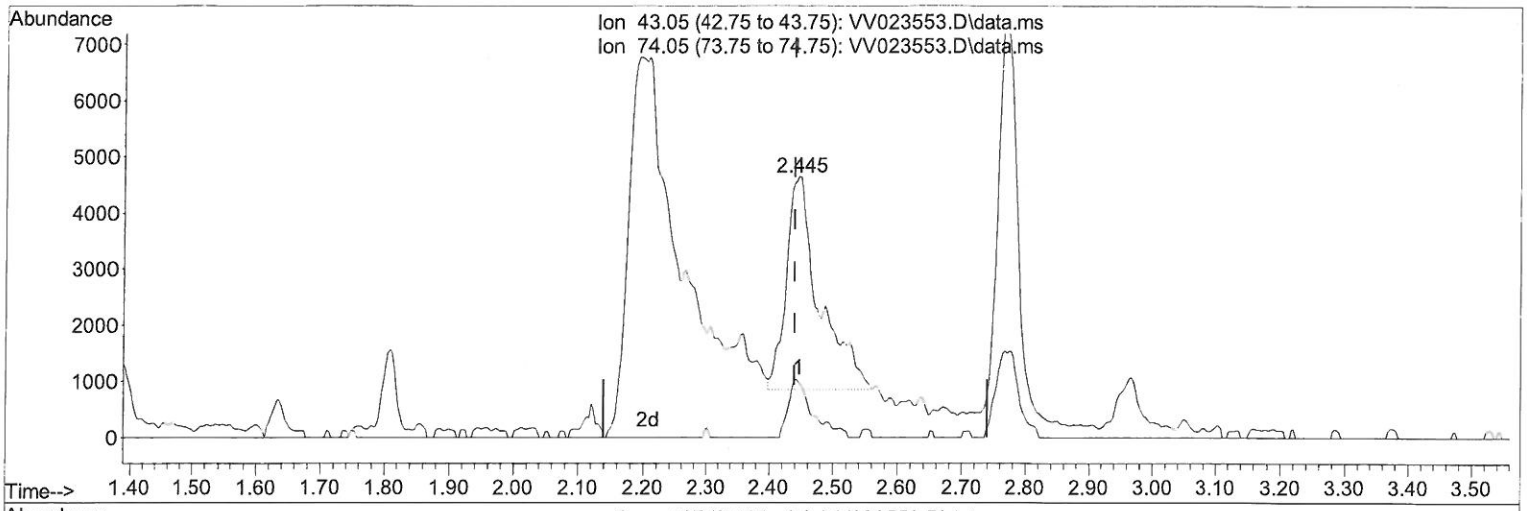

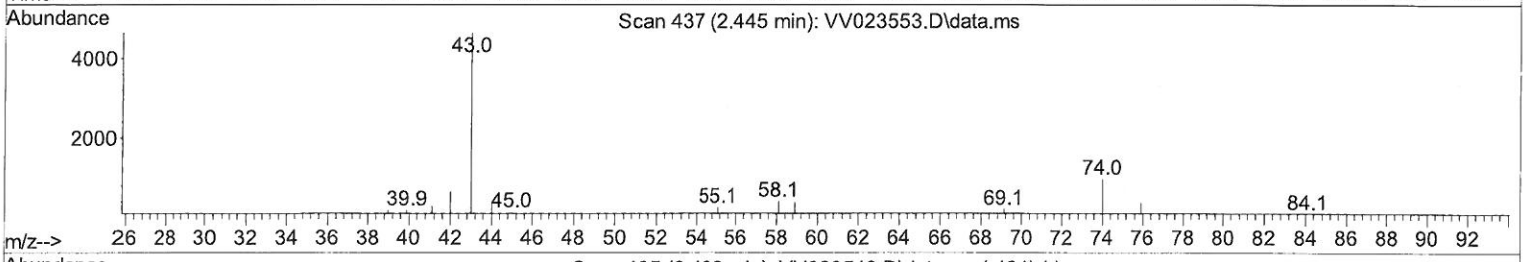

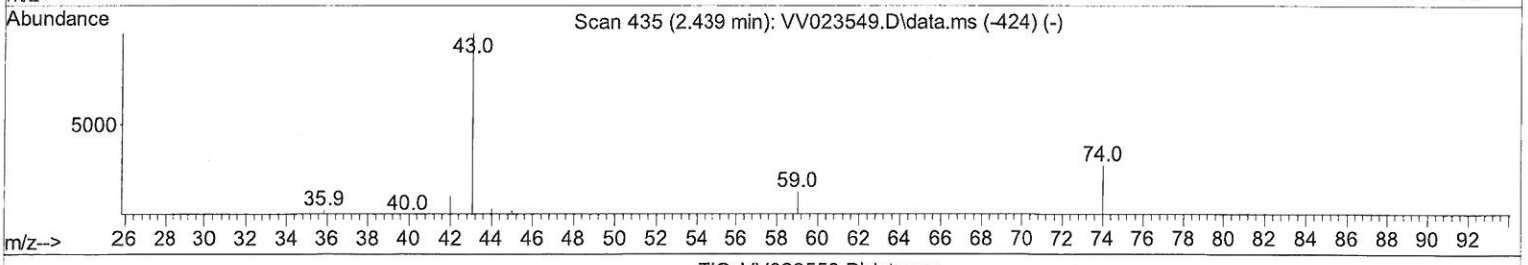

TIC: VV023553.D\data.ms

(15) Methyl Acetate (T)

2.445min (+ 0.006) 5.64 ug/L m

response 13604

Ion	Exp%	Act%
43.05	100.00	100.00
74.05	27.70	16.94#
0.00	0.00	0.00
0.00	0.00	0.00

11/26/21

Quantitation Report (Qedit)

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MSVOA_V
ClientSampleId :
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Manual IntegrationsAPPROVED

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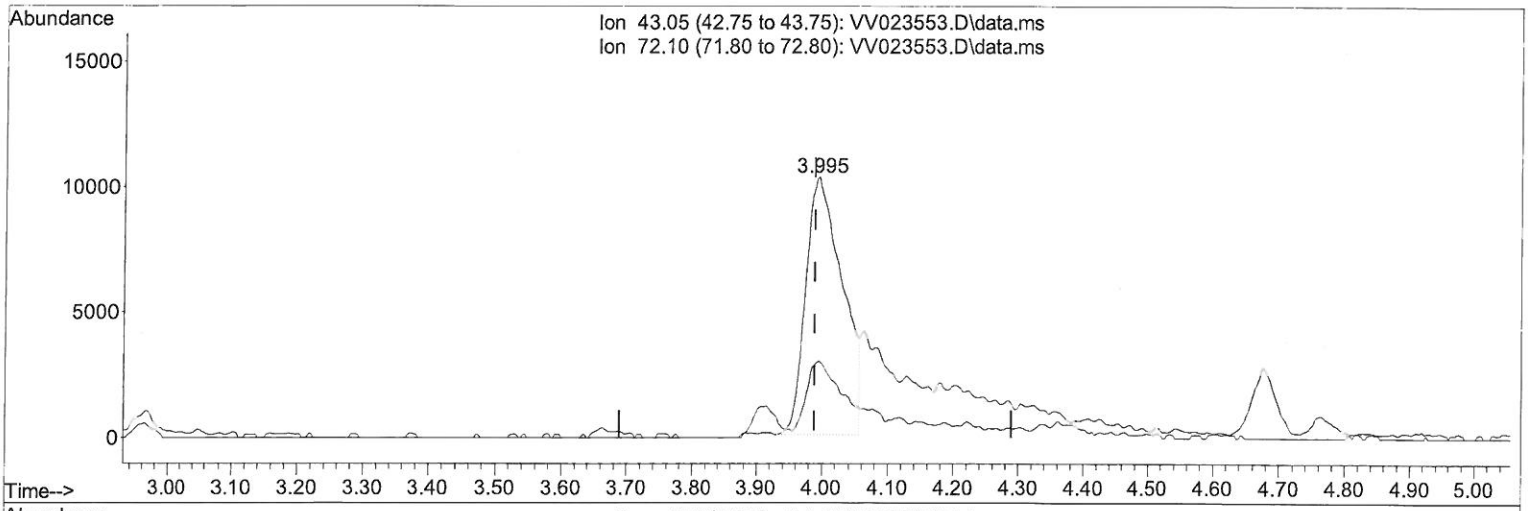

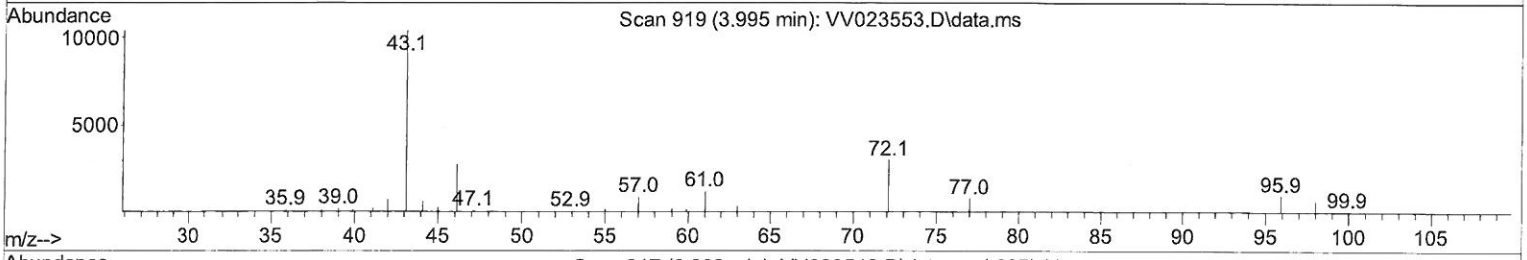

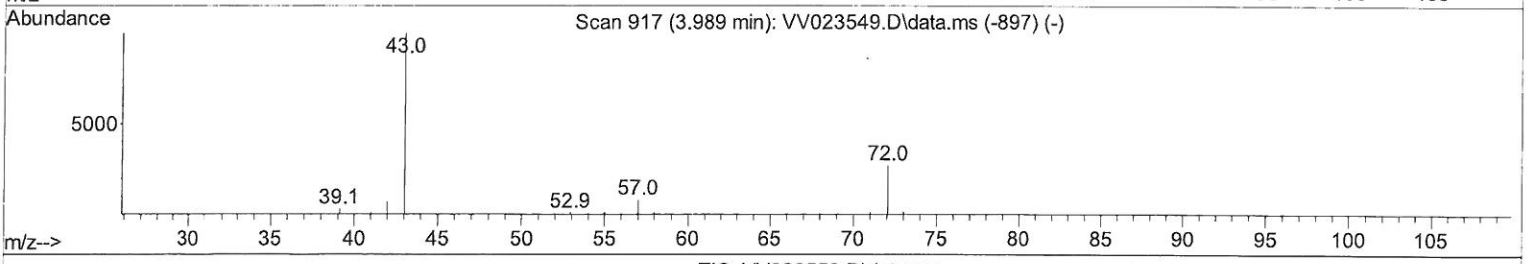

TIC: VV023553.D\data.ms

(21) 2-Butanone (T)

3.995min (+ 0.006) 29.03 ug/L

response 39965

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	23.90	26.38
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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Operator : SY/MD
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Instrument :
MSVOA_V
ClientSampleId :
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Manual IntegrationsAPPROVED

Reviewed By :John Carlone 11/17/2021
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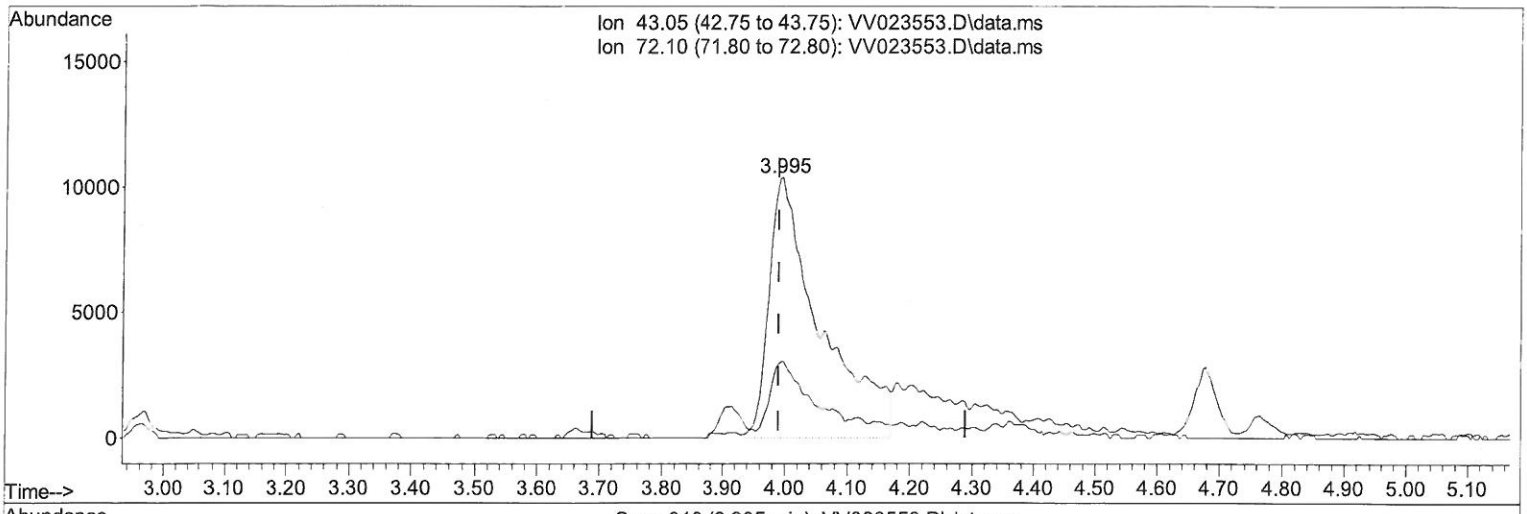

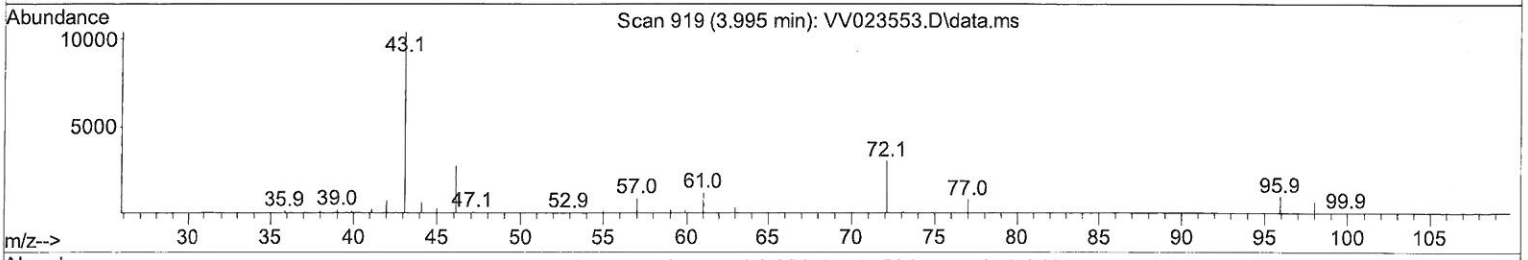

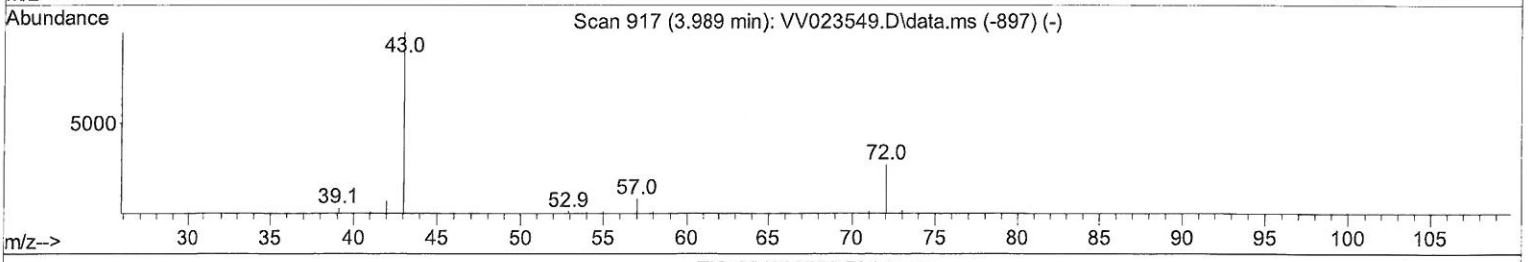

TIC: VV023553.D\data.ms

(21) 2-Butanone (T)

3.995min (+ 0.006) 43.01 ug/L m SMD 11/26/21

response 59212

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	23.90	17.80
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	129118	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	129998	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	68515	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	31659	3.914	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 78.200%			
7) Chloroethane-d5	1.568	69	25787	3.912	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 78.200%			
11) 1,1-Dichloroethene-d2	2.111	63	66790	4.411	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 88.200%			
20) 2-Butanone-d5	3.905	46	51280	36.798	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 73.600%			
24) Chloroform-d	4.349	84	68019	3.946	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 79.000%			
26) 1,2-Dichloroethane-d4	5.037	65	31931	4.119	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 82.400%			
32) Benzene-d6	5.050	84	126734	3.800	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 76.000%			
36) 1,2-Dichloropropane-d6	6.072	67	36519	3.719	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 74.400%			
41) Toluene-d8	7.317	98	119633	3.827	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 76.600%			
43) trans-1,3-Dichloroprop...	7.625	79	15030	4.037	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 80.800%			
46) 2-Hexanone-d5	8.091	63	58090	42.407	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 84.820%			
56) 1,1,2,2-Tetrachloroeth...	10.217	84	29860	4.229	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 84.600%			
66) 1,2-Dichlorobenzene-d4	11.625	152	47793	4.189	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 83.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	52728	4.188	ug/L	97
3) Chloromethane	1.240	50	47868	4.472	ug/L	97
5) Vinyl chloride	1.310	62	611453	57.194	ug/L	100
6) Bromomethane	1.523	94	25568	3.741	ug/L	96
8) Chloroethane	1.587	64	28802	4.668	ug/L	97
9) Trichlorofluoromethane	1.754	101	73403	4.570	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	38011	4.700	ug/L	98
12) 1,1-Dichloroethene	2.121	96	49208	6.391	ug/L #	77
13) Acetone	2.207	43	43182m	50.713	ug/L	
14) Carbon disulfide	2.294	76	117169	4.032	ug/L	100
15) Methyl Acetate	2.445	43	13604m	5.645	ug/L	
16) Methylene chloride	2.507	84	39950	3.555	ug/L	98
17) Methyl tert-butyl Ether	2.770	73	80027	4.722	ug/L	95
18) trans-1,2-Dichloroethene	2.761	96	155509	16.429	ug/L	97
19) 1,1-Dichloroethane	3.191	63	81135	5.077	ug/L	98
21) 2-Butanone	3.995	43	59212m	43.011	ug/L	
22) cis-1,2-Dichloroethene	3.912	96	334315	36.701	ug/L #	89
23) Bromochloromethane	4.252	128	19038	4.532	ug/L #	83

MD 11/26/21

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Instrument :
MSVOA_V
ClientSampleId :
H4637MS

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 11/17/2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Chloroform	4.378	83	79254	4.652	ug/L	98
27) 1,2-Dichloroethane	5.133	62	42008	4.636	ug/L	98
29) 1,1,1-Trichloroethane	4.609	97	70680	4.477	ug/L	99
30) Cyclohexane	4.680	56	61367	4.338	ug/L	96
31) Carbon tetrachloride	4.831	117	64237	4.530	ug/L	97
33) Benzene	5.101	78	181763	5.002	ug/L	100
34) Trichloroethene	5.915	95	84103	8.704	ug/L	96
35) Methylcyclohexane	6.130	83	64218	4.211	ug/L	96
37) 1,2-Dichloropropane	6.175	63	38109	4.493	ug/L	100
38) Bromodichloromethane	6.510	83	52094	4.583	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	53287	4.368	ug/L	98
40) 4-Methyl-2-pentanone	7.230	43	202800	51.549	ug/L	98
42) Toluene	7.387	91	192149	4.944	ug/L	96
44) trans-1,3-Dichloropropene	7.651	75	46154	4.559	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	25344	4.158	ug/L	97
47) Tetrachloroethene	7.976	164	36310	4.336	ug/L	98
48) 2-Hexanone	8.143	43	144278	52.338	ug/L	97
49) Dibromochloromethane	8.246	129	35672	4.619	ug/L	99
50) 1,2-Dibromoethane	8.355	107	26162	4.632	ug/L	93
51) Chlorobenzene	8.882	112	119793	4.637	ug/L	98
52) Ethylbenzene	9.011	91	194416	4.743	ug/L	97
53) m,p-xylene	9.140	106	75987	4.724	ug/L	96
54) o-xylene	9.545	106	70980	4.703	ug/L	97
55) Styrene	9.561	104	122975	4.757	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	31279	4.684	ug/L	99
59) Bromoform	9.731	173	19542	4.775	ug/L	99
60) Isopropylbenzene	9.931	105	193596	4.924	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	22154	4.868	ug/L	96
62) 1,3,5-Trimethylbenzene	10.538	105	160223	4.915	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	160404	4.943	ug/L	98
64) 1,3-Dichlorobenzene	11.181	146	96330	4.795	ug/L	97
65) 1,4-Dichlorobenzene	11.271	146	94022	4.583	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	88717	4.935	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.432	75	4330	4.465	ug/L	98
69) 1,3,5-Trichlorobenzene	12.644	180	74819	4.757	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	56868	4.515	ug/L	99
71) Naphthalene	13.503	128	81575	4.392	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	54029	4.903	ug/L	98

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