

(QT Reviewed)

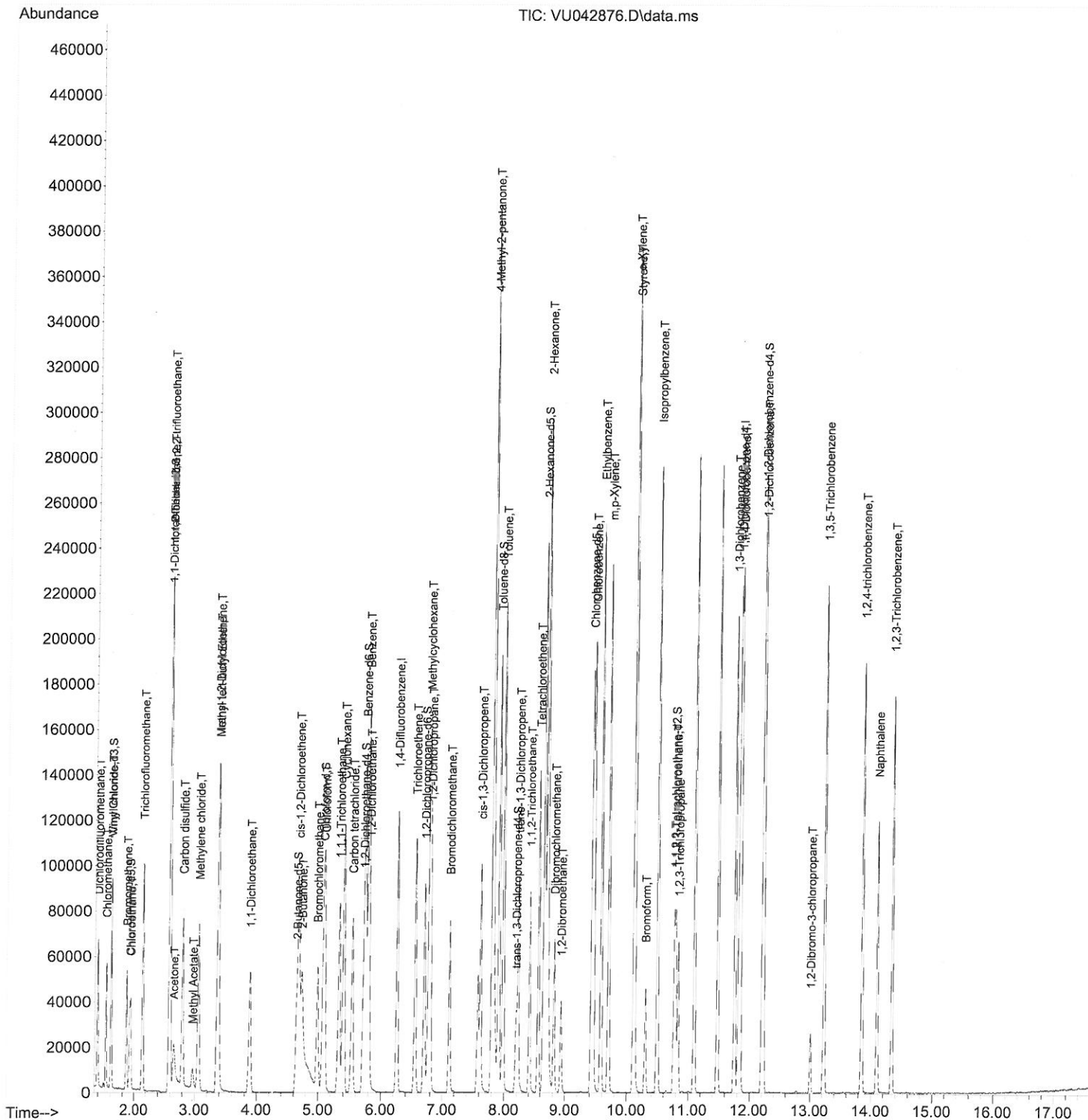
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040121\
Data File : VU042876.D
Acq On : 01 Apr 2021 14:53
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
LabSampleId :
VSTD00523

Manual Integrations
APPROVED

MMDadoda
4/2/2021 5:43:27 PM

Quant Time: Apr 02 14:13:18 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR040121WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Apr 02 05:16:37 2021
Response via : Initial Calibration



Quantitation Report (Qedit)

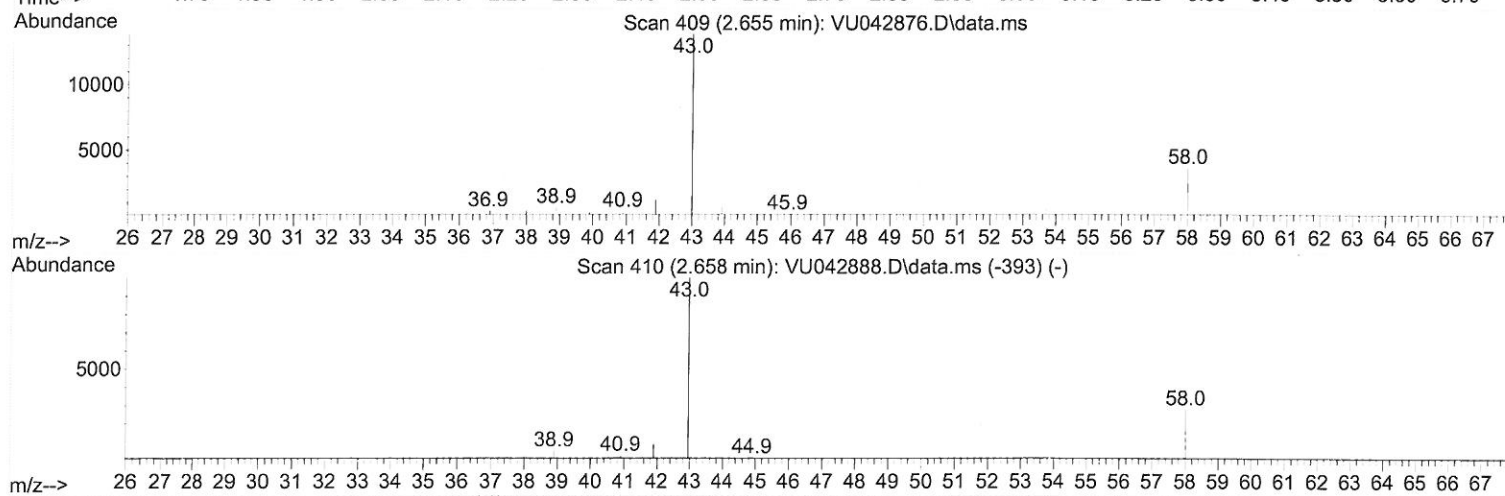
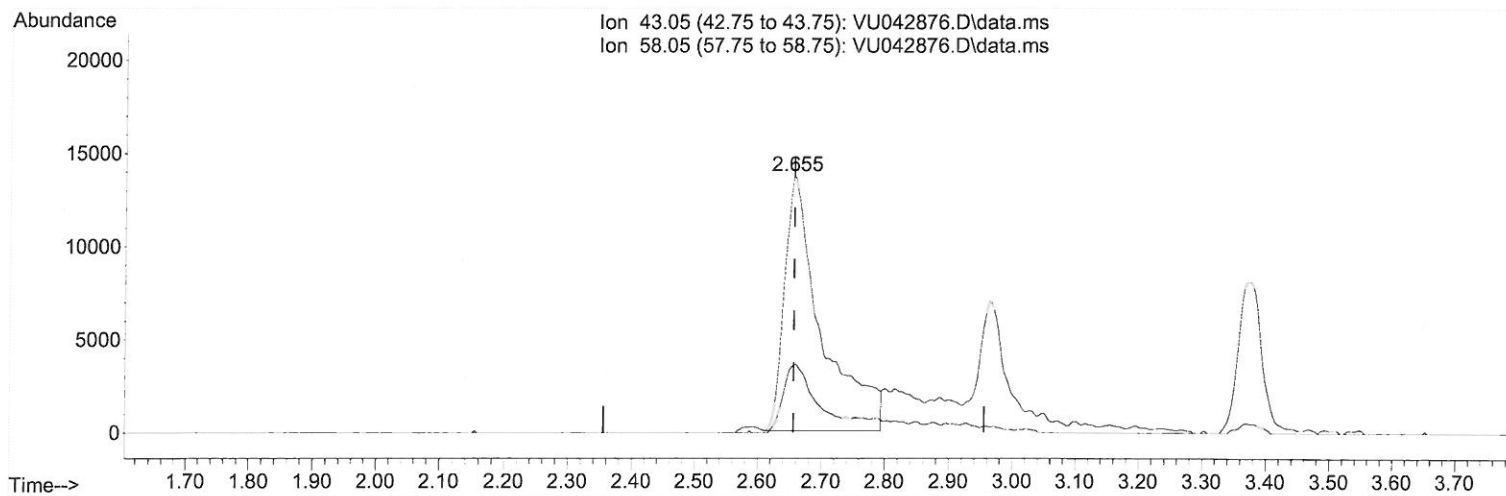
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040121\
Data File : VU042876.D
Acq On : 01 Apr 2021 14:53
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
LabSampleId :
VSTD00523

Manual Integrations
APPROVED

MMDadoda
4/2/2021 5:43:27 PM

Quant Time: Apr 02 14:13:18 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR040121WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Apr 02 05:16:37 2021
Response via : Initial Calibration



TIC: VU042876.D\data.ms

(13) Acetone (T)

2.655min (0.000) 38.98 ug/L

response 55309

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	27.90	23.18
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

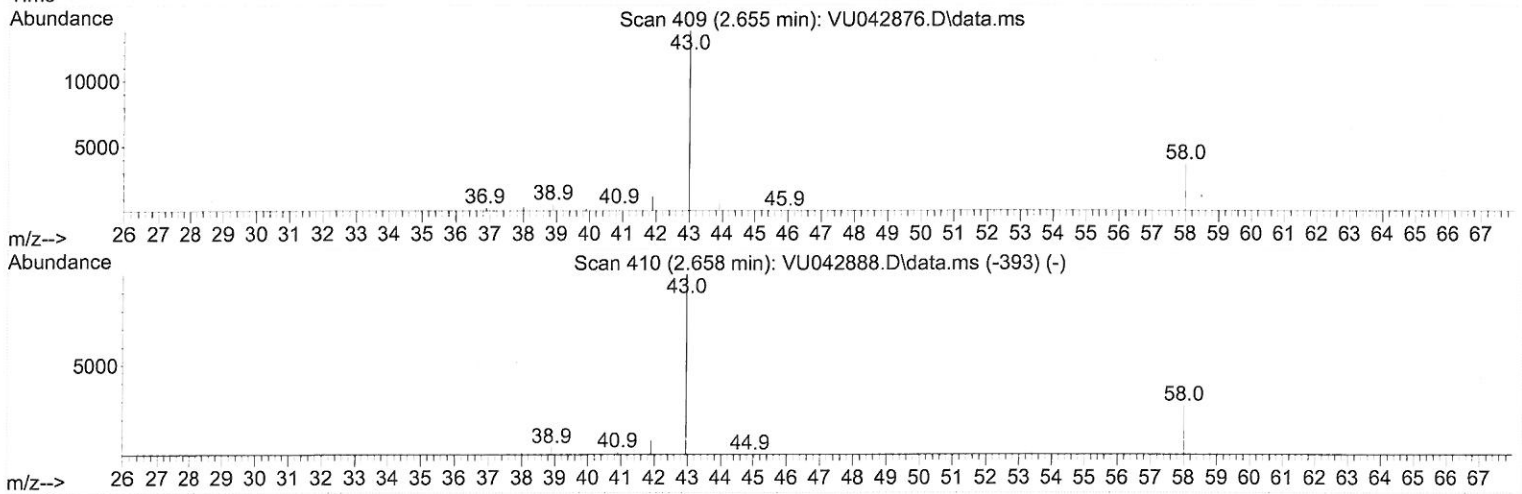
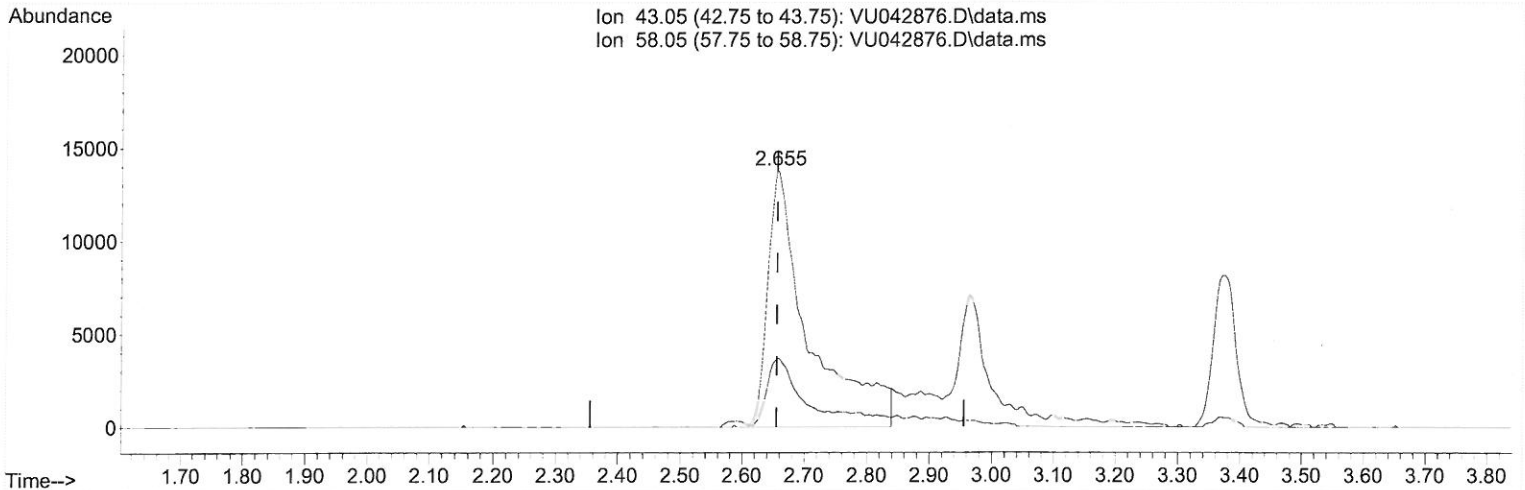
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040121\
 Data File : VU042876.D
 Acq On : 01 Apr 2021 14:53
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTD00523

Manual Integrations
 APPROVED

MMDadoda
 4/2/2021 5:43:27 PM

Quant Time: Apr 02 14:13:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR040121WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Apr 02 05:16:37 2021
 Response via : Initial Calibration



TIC: VU042876.D\data.ms

(13) Acetone (T)

2.655min (0.000) 44.06 ug/L m

response 62509

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	27.90	20.51
0.00	0.00	0.00
0.00	0.00	0.00

MD
 4/5/21

Quantitation Report (Qedit)

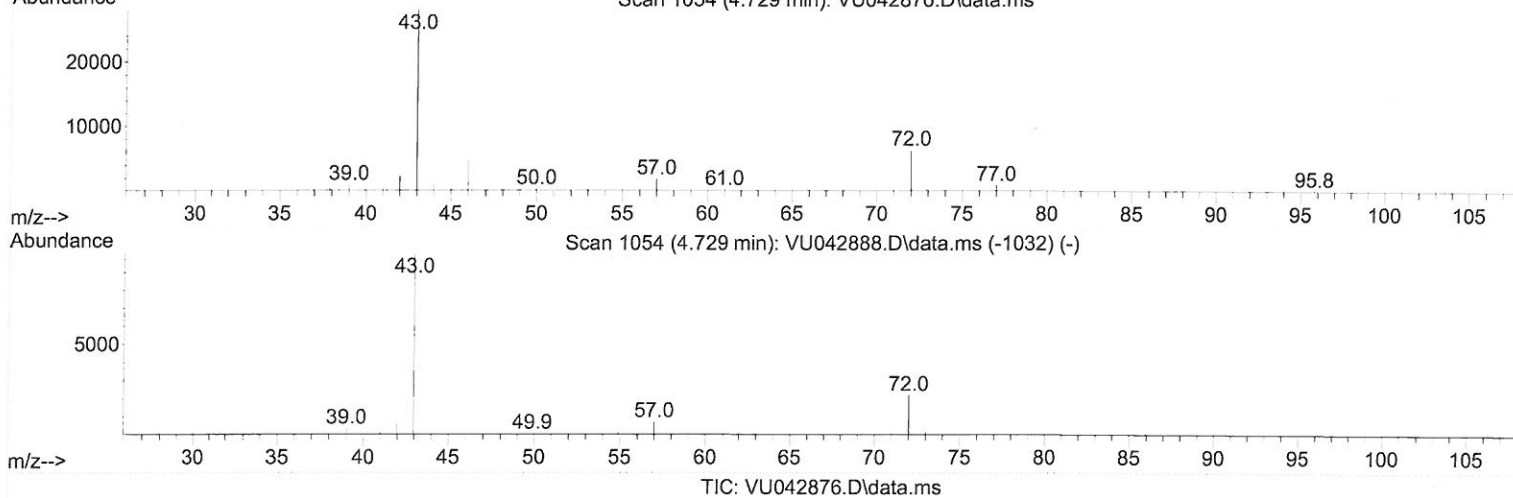
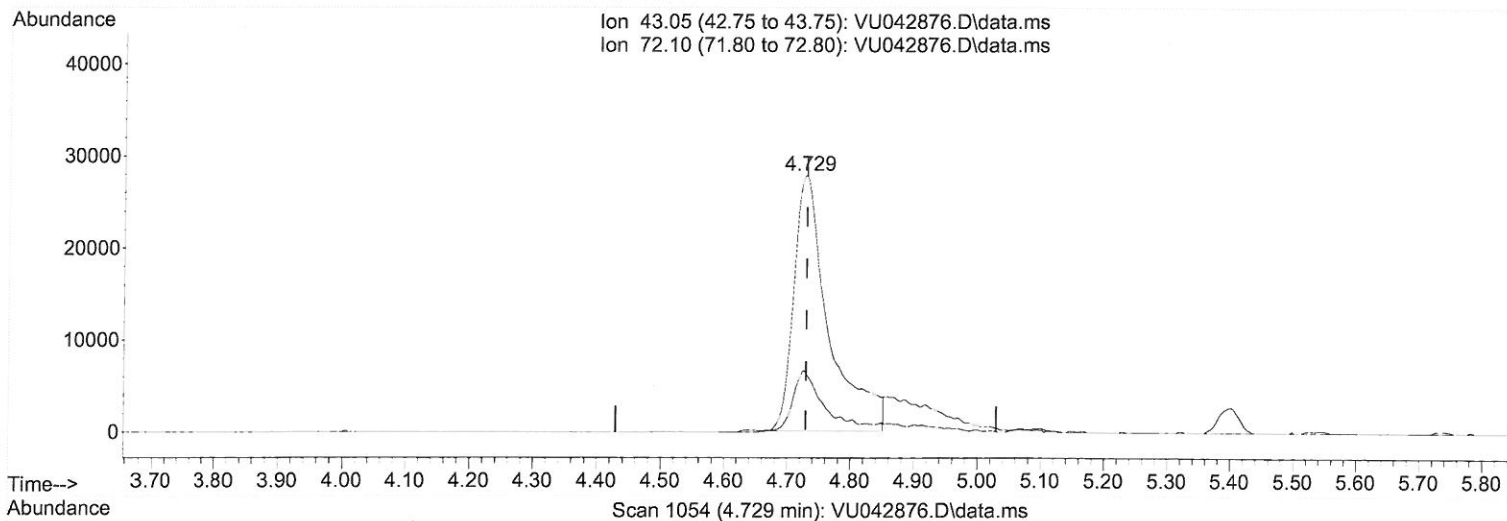
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040121\
Data File : VU042876.D
Acq On : 01 Apr 2021 14:53
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
LabSampleId :
VSTD00523

Manual Integrations
APPROVED

MMDadoda
4/2/2021 5:43:27 PM

Quant Time: Apr 02 14:13:18 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR040121WMA.M
Quant Title : TRACE VOA SOM01.0
Qlast Update : Fri Apr 02 05:16:37 2021
Response via : Initial Calibration



(21) 2-Butanone (T)

4.729min (0.000) 41.83 ug/L

response 107591

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	23.40	18.54
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

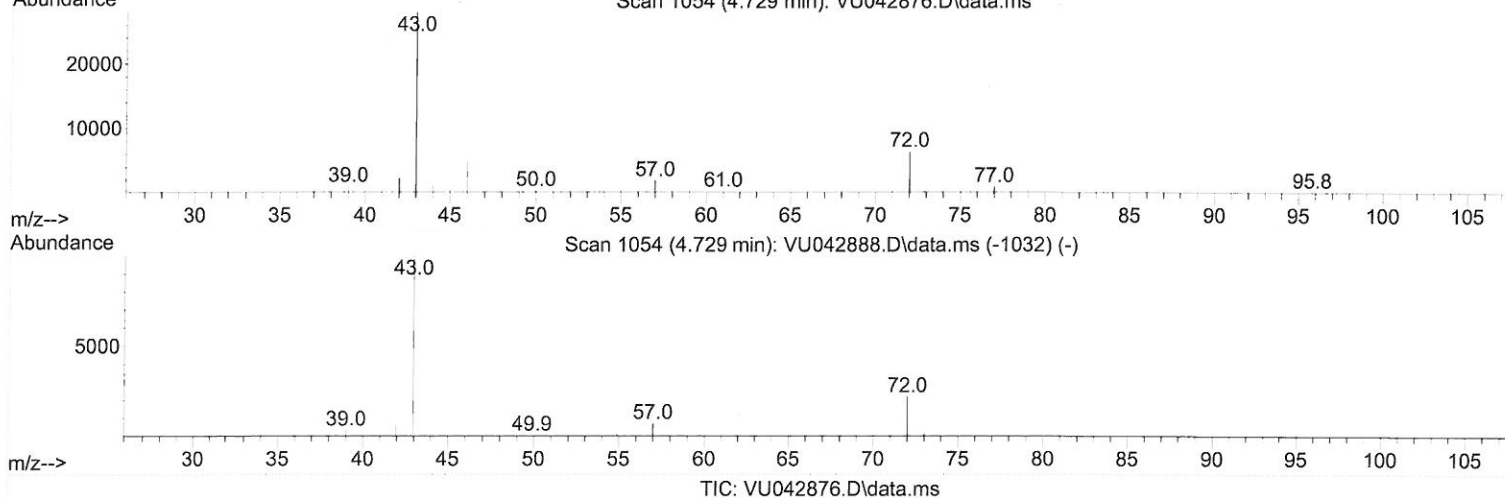
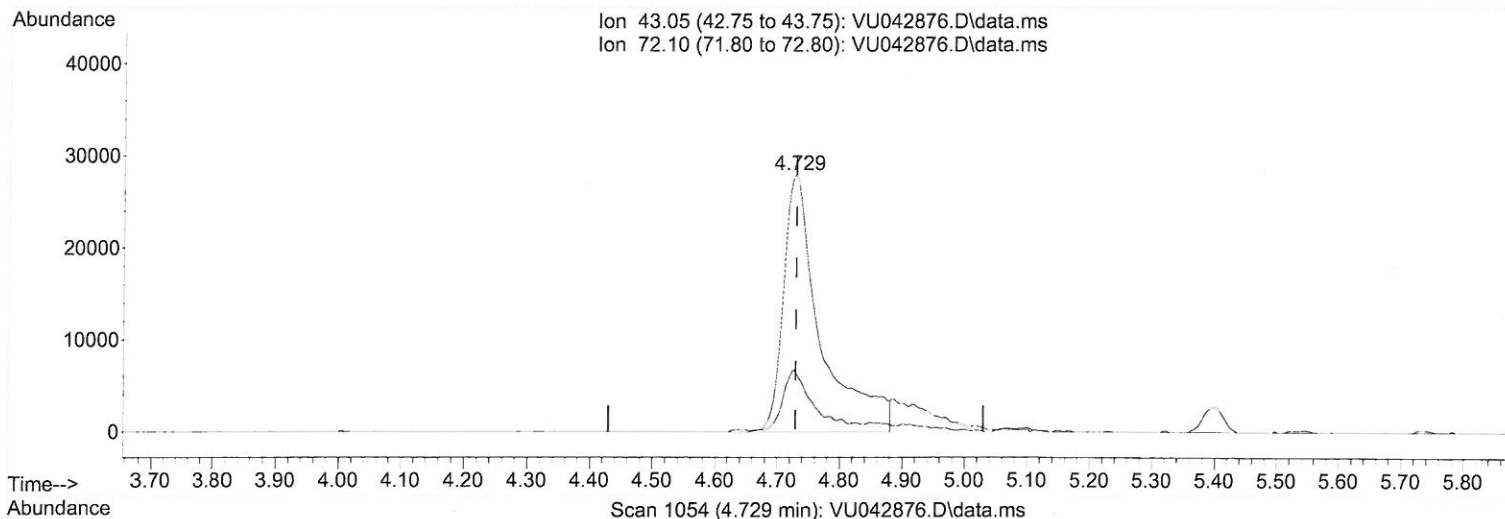
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040121\
 Data File : VU042876.D
 Acq On : 01 Apr 2021 14:53
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTD00523

Manual Integrations
 APPROVED

MMDadoda
 4/2/2021 5:43:27 PM

Quant Time: Apr 02 14:13:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR040121WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Apr 02 05:16:37 2021
 Response via : Initial Calibration



(21) 2-Butanone (T)

4.729min (0.000) 44.94 ug/L m

response 115582

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	23.40	17.26
0.00	0.00	0.00
0.00	0.00	0.00

MD
 4/5/21

Quantitation Report (Qedit)

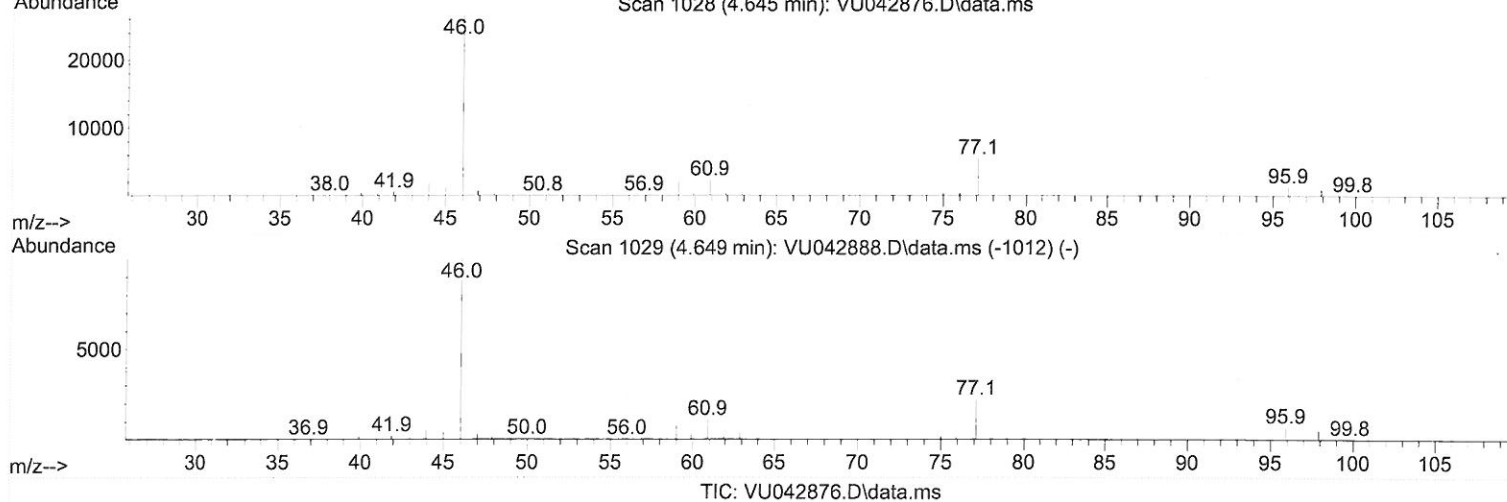
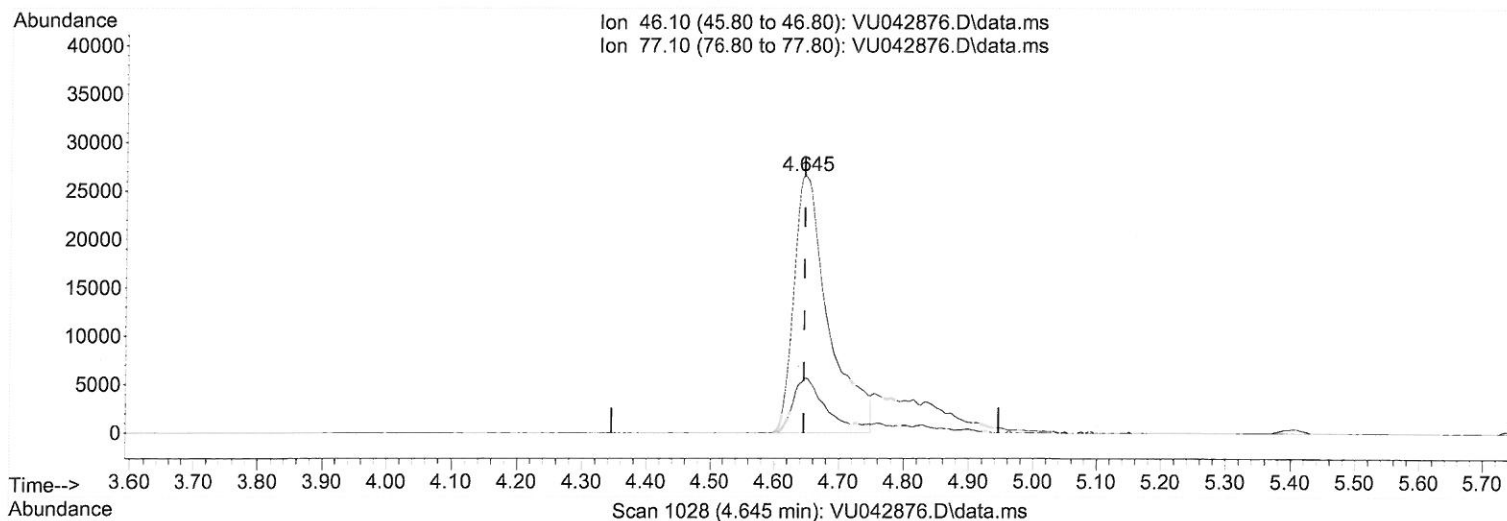
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040121\
Data File : VU042876.D
Acq On : 01 Apr 2021 14:53
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
LabSampleId :
VSTD00523

Manual Integrations
APPROVED

MMDadoda
4/2/2021 5:43:27 PM

Quant Time: Apr 02 14:13:18 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR040121WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Apr 02 05:16:37 2021
Response via : Initial Calibration



(20) 2-Butanone-d5 (S)

4.645min (0.000) 41.54 ug/L

response 98428

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	22.00	19.19
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

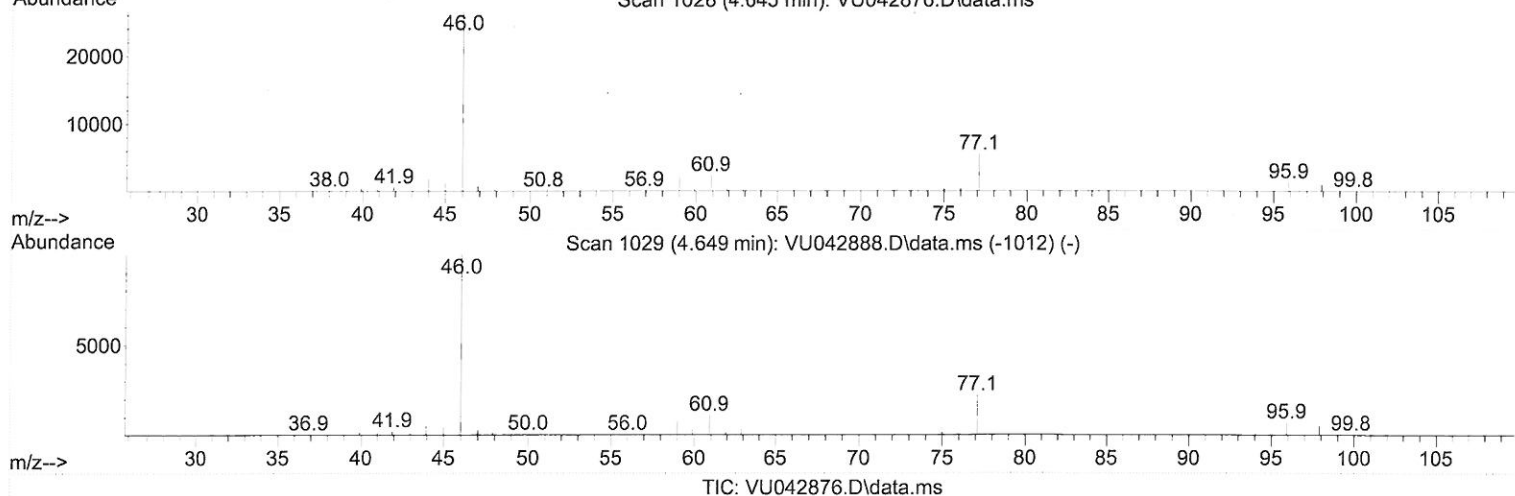
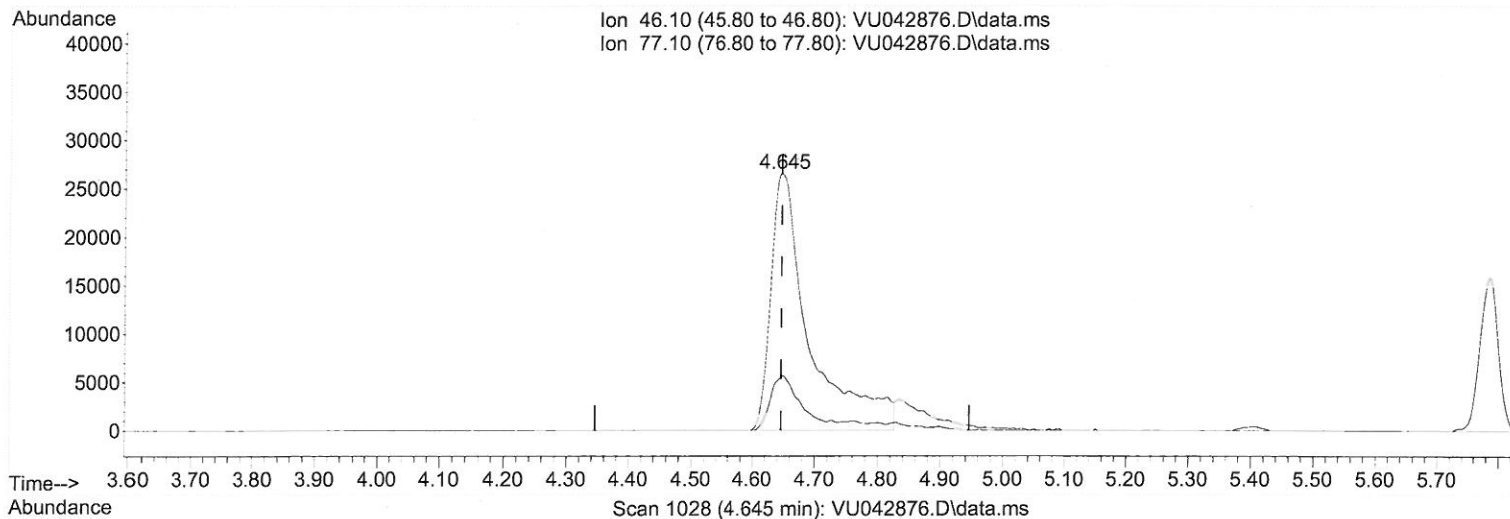
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040121\
Data File : VU042876.D
Acq On : 01 Apr 2021 14:53
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
LabSampleId :
VSTD00523

Manual Integrations
APPROVED

MMDadoda
4/2/2021 5:43:27 PM

Quant Time: Apr 02 14:13:18 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR040121WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Apr 02 05:16:37 2021
Response via : Initial Calibration



(20) 2-Butanone-d5 (S)

4.645min (0.000) 48.28 ug/L m

response 114402

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	22.00	16.51
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040121\
 Data File : VU042876.D
 Acq On : 01 Apr 2021 14:53
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTD00523

Manual Integrations
 APPROVED

MMDadoda
 4/2/2021 5:43:27 PM

Quant Time: Apr 02 14:13:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR040121WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Apr 02 05:16:37 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	94105	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	93693	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	50450	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.604	65	30322	5.17	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.40%
7) Chloroethane-d5	1.919	69	25453	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.80%
11) 1,1-Dichloroethene-d2	2.578	63	69923	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.80%
20) 2-Butanone-d5	4.645	46	114402m	48.28	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.56%
24) Chloroform-d	5.073	84	69710	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.00%
26) 1,2-Dichloroethane-d4	5.713	65	42035	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
32) Benzene-d6	5.735	84	123791	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.20%
36) 1,2-Dichloropropane-d6	6.700	67	40271	5.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.40%
41) Toluene-d8	7.906	98	117675	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
43) trans-1,3-Dichloroprop...	8.186	79	18233	5.14	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.80%
46) 2-Hexanone-d5	8.645	63	96839	53.64	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.28%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	35479	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.20%
64) 1,2-Dichlorobenzene-d4	12.201	152	48627	5.14	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.80%

MD
 4/5/21

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.388	85	37343	4.95	ug/L 99
3) Chloromethane	1.523	50	36387	4.93	ug/L 97
5) Vinyl chloride	1.607	62	37118	4.98	ug/L 100
6) Bromomethane	1.864	94	22816	5.20	ug/L 95
8) Chloroethane	1.941	64	22391	4.64	ug/L 96
9) Trichlorofluoromethane	2.144	101	62702	4.82	ug/L 98
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	33122	5.14	ug/L 98
12) 1,1-Dichloroethene	2.588	96	30193	4.94	ug/L 87
13) Acetone	2.655	43	62509m	44.06	ug/L
14) Carbon disulfide	2.803	76	91075	4.84	ug/L 100
15) Methyl Acetate	2.964	43	13772	4.36	ug/L 98
16) Methylene chloride	3.057	84	32543	4.66	ug/L 99
17) Methyl tert-butyl Ether	3.372	73	82590	4.81	ug/L 98
18) trans-1,2-Dichloroethene	3.363	96	30863	4.92	ug/L 96
19) 1,1-Dichloroethane	3.880	63	61561	4.91	ug/L 96
21) 2-Butanone	4.729	43	115582m	44.94	ug/L
22) cis-1,2-Dichloroethene	4.674	96	33032	4.72	ug/L 96
23) Bromochloromethane	4.983	128	15807	4.84	ug/L 90
25) Chloroform	5.099	83	64717	4.72	ug/L 97

MD
 4/5/21

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040121\
 Data File : VU042876.D
 Acq On : 01 Apr 2021 14:53
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTD00523

Manual Integrations
 APPROVED

MMDadoda
 4/2/2021 5:43:27 PM

Quant Time: Apr 02 14:13:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR040121WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Apr 02 05:16:37 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.806	62	47646	4.76	ug/L #	93
29) 1,1,1-Trichloroethane	5.327	97	58803	4.95	ug/L	96
30) Cyclohexane	5.398	56	56175	4.87	ug/L	98
31) Carbon tetrachloride	5.536	117	49563	4.79	ug/L	96
33) Benzene	5.784	78	133202	4.90	ug/L	100
34) Trichloroethene	6.552	95	34739	4.75	ug/L	100
35) Methylcyclohexane	6.771	83	54676	4.98	ug/L	96
37) 1,2-Dichloropropane	6.803	63	36217	4.91	ug/L	98
38) Bromodichloromethane	7.115	83	46835	4.84	ug/L	97
39) cis-1,3-Dichloropropene	7.616	75	52880	4.91	ug/L	99
40) 4-Methyl-2-pentanone	7.803	43	325164	50.00	ug/L	95
42) Toluene	7.977	91	147043	4.92	ug/L	96
44) trans-1,3-Dichloropropene	8.218	75	48500	4.83	ug/L	96
45) 1,1,2-Trichloroethane	8.407	97	26645	4.95	ug/L	95
47) Tetrachloroethene	8.562	164	29508	4.94	ug/L	98
48) 2-Hexanone	8.697	43	239199	50.19	ug/L #	95
49) Dibromochloromethane	8.819	129	32637	4.81	ug/L	96
50) 1,2-Dibromoethane	8.931	107	25922	4.90	ug/L	98
51) Chlorobenzene	9.456	112	92805	4.87	ug/L	100
52) Ethylbenzene	9.578	91	165393	4.95	ug/L	100
53) m,p-Xylene	9.700	106	60210	4.87	ug/L	95
54) o-Xylene	10.108	106	60288	4.98	ug/L	94
55) Styrene	10.121	104	103464	4.97	ug/L	100
56) Isopropylbenzene	10.491	105	167312	4.97	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.790	83	34554	4.92	ug/L	97
59) 1,2,3-Trichloropropane	10.832	75	25483	4.82	ug/L	100
61) Bromoform	10.298	173	20297	4.91	ug/L	98
62) 1,3-Dichlorobenzene	11.751	146	79729	4.92	ug/L	99
63) 1,4-Dichlorobenzene	11.845	146	80906	5.00	ug/L	100
65) 1,2-Dichlorobenzene	12.221	146	76615	4.93	ug/L	100
66) 1,2-Dibromo-3-chloropr...	13.005	75	6311	5.29	ug/L	89
67) 1,3,5-Trichlorobenzene	13.227	180	68028	5.20	ug/L	98
68) 1,2,4-trichlorobenzene	13.848	180	55690	5.20	ug/L	98
69) Naphthalene	14.095	128	90139	5.17	ug/L	99
70) 1,2,3-Trichlorobenzene	14.336	180	51708	5.30	ug/L	99

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