

Quantitation Report (QT Reviewed)

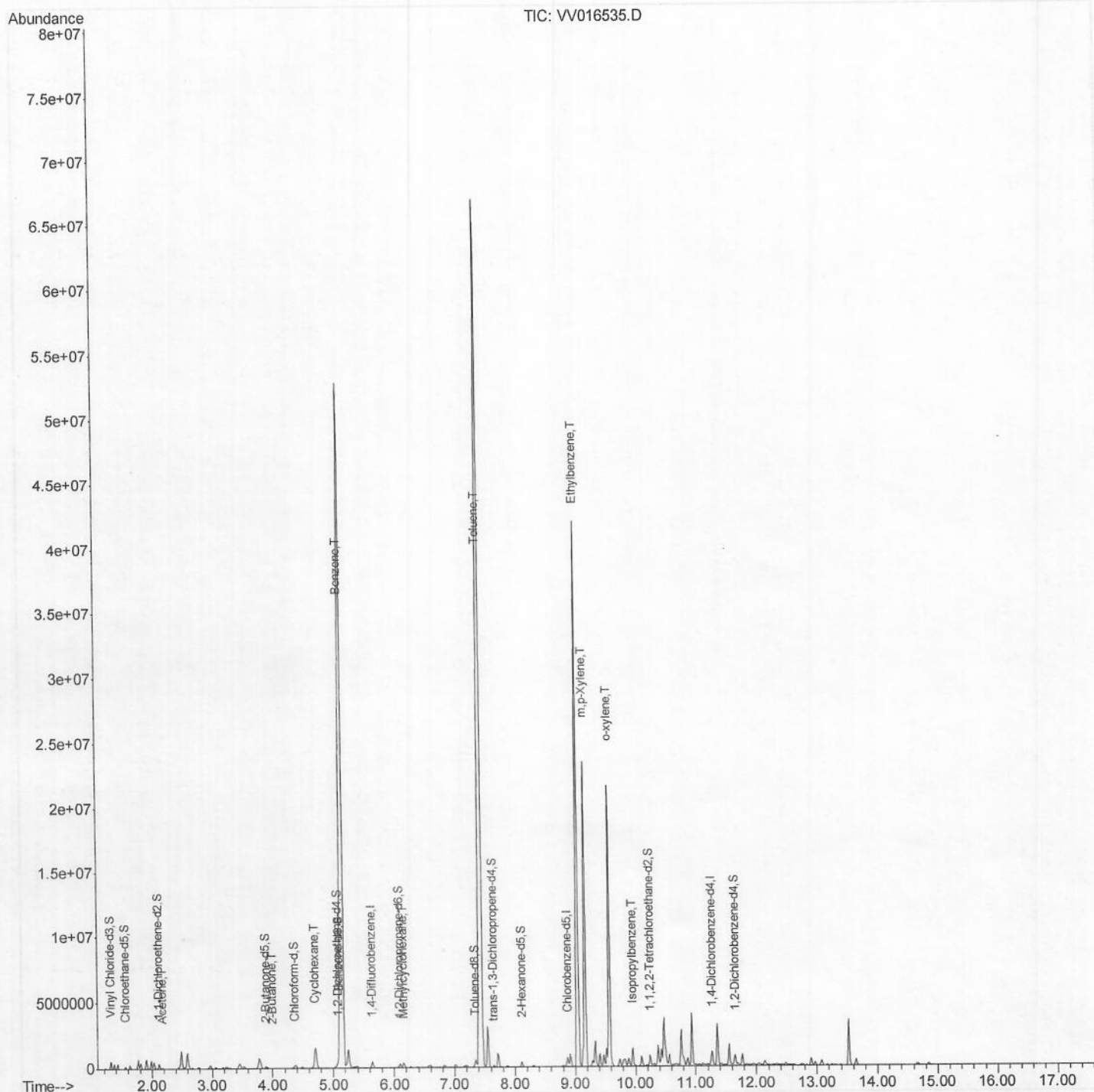
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060520\
 Data File : VV016535.D
 Acq On : 05 Jun 2020 14:55
 Operator : SY/MD
 Sample : L2861-07
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampled :
 F9E39

Quant Time: Jun 06 01:40:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 06 00:07:58 2020
 Response via : Initial Calibration

Manual Integrations
 APPROVED

sam
 6/6/2020 11:32:18 AM



Quantitation Report (Qedit)

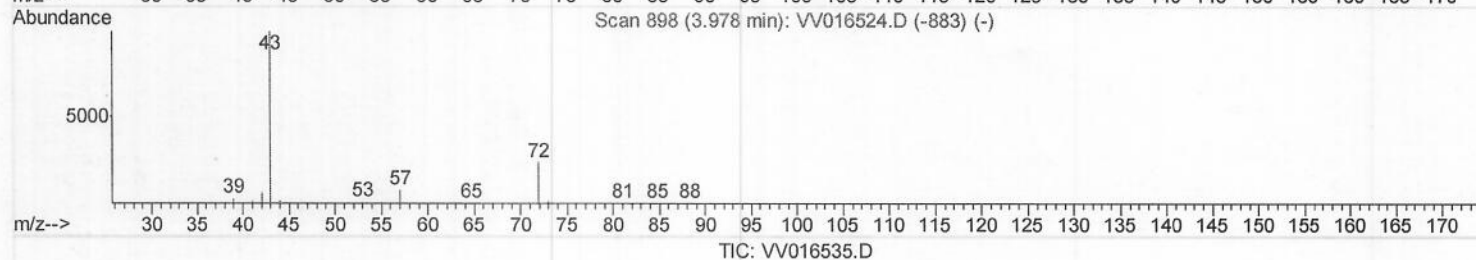
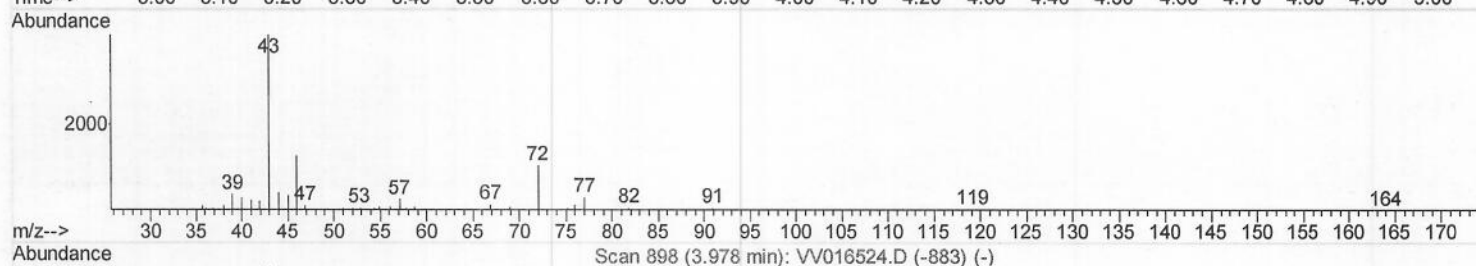
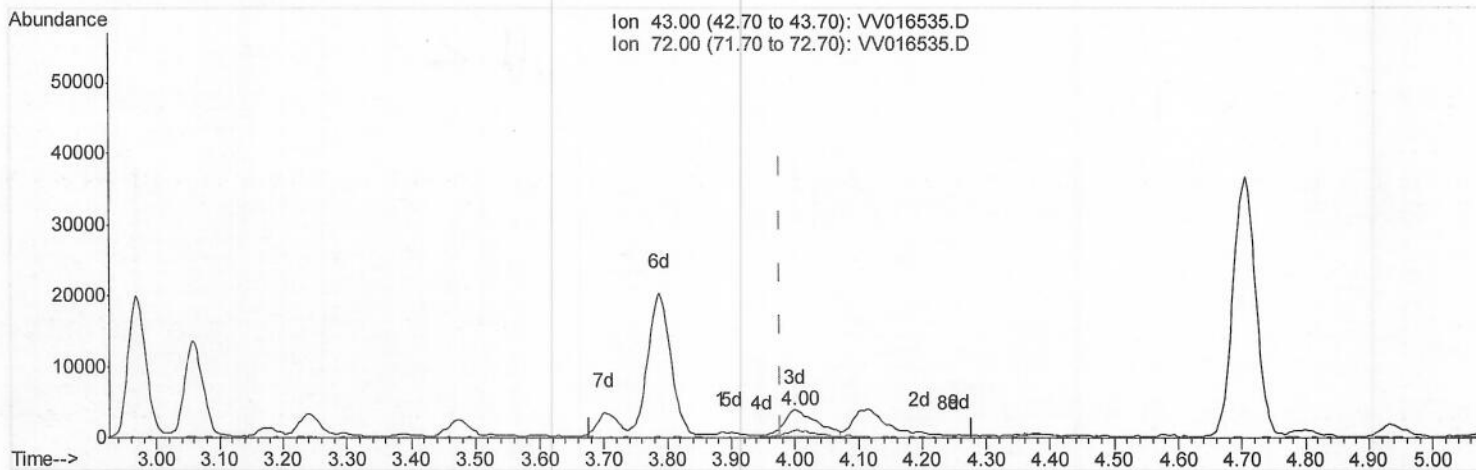
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060520\
 Data File : VV016535.D
 Acq On : 05 Jun 2020 14:55
 Operator : SY/MD
 Sample : L2861-07
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9E39

Manual Integrations
 APPROVED

sam
 6/6/2020 11:32:18 AM

Quant Time: Jun 06 01:29:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 06 00:07:58 2020
 Response via : Initial Calibration



TIC: VV016535.D

(22) 2-Butanone (T)

4.000min (+0.022) 6.68ug/L m

response 13520

Ion	Exp%	Act%
43.00	100	100
72.00	25.50	0.65#
0.00	0.00	0.00
0.00	0.00	0.00

M.D
 06/08/20

Quantitation Report (Qedit)

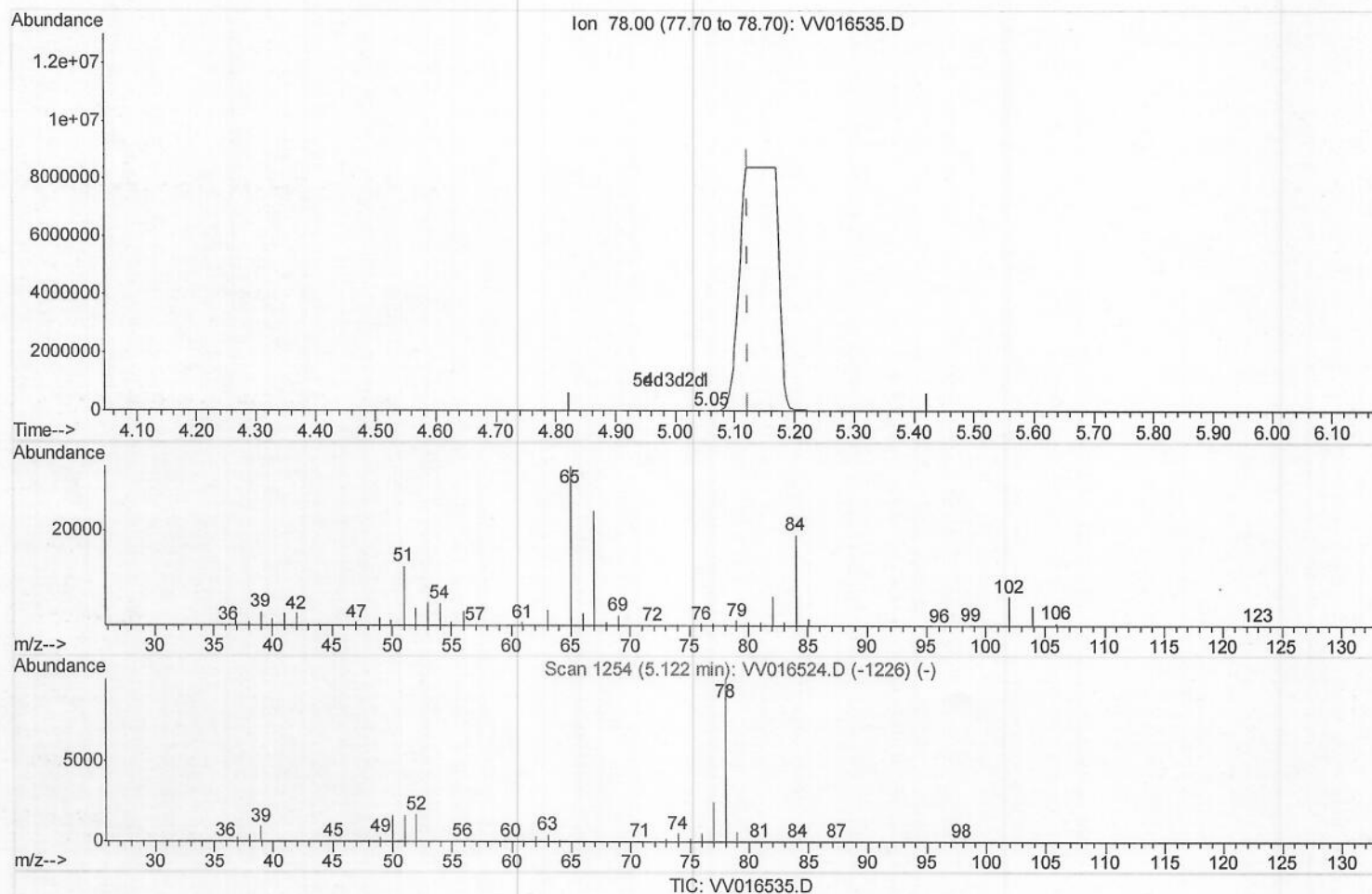
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060520\
Data File : VV016535.D
Acq On : 05 Jun 2020 14:55
Operator : SY/MD
Sample : L2861-07
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9E39

Manual Integrations
APPROVED

sam
6/6/2020 11:32:18 AM

Quant Time: Jun 06 01:29:44 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 06 00:07:58 2020
Response via : Initial Calibration



(33) Benzene (T)

5.052min (-0.071) 0.01ug/L

response 83

Ion	Exp%	Act%
78.00	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

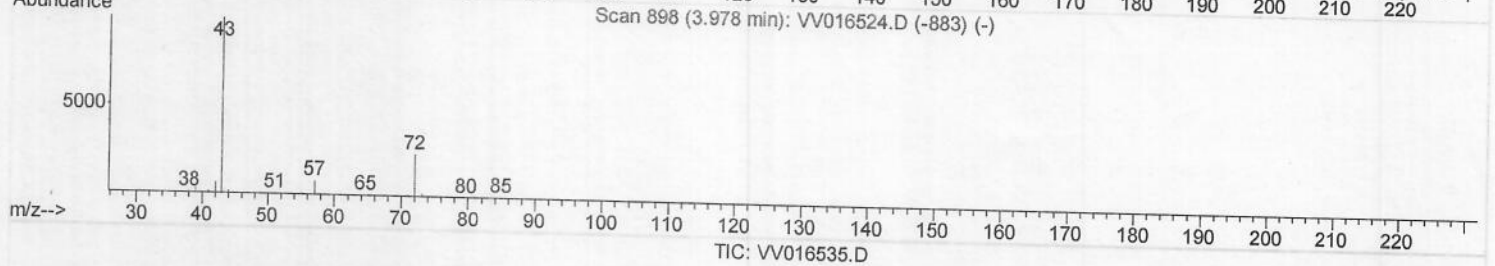
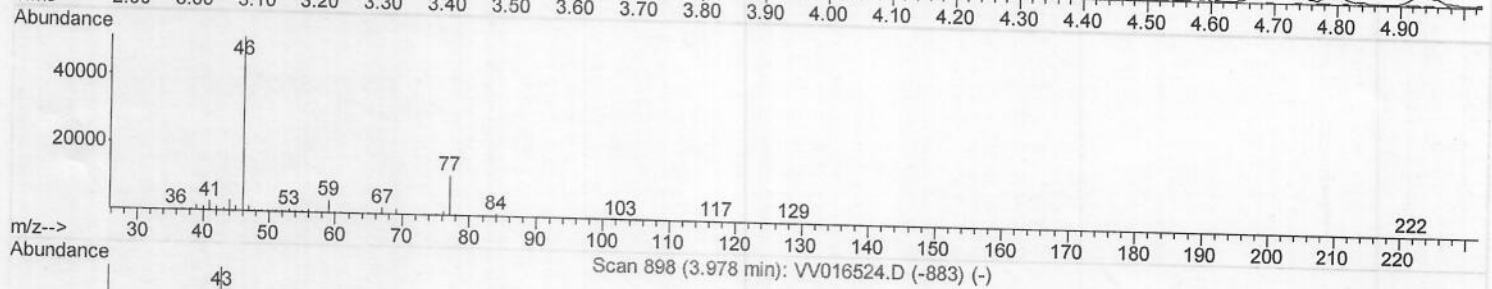
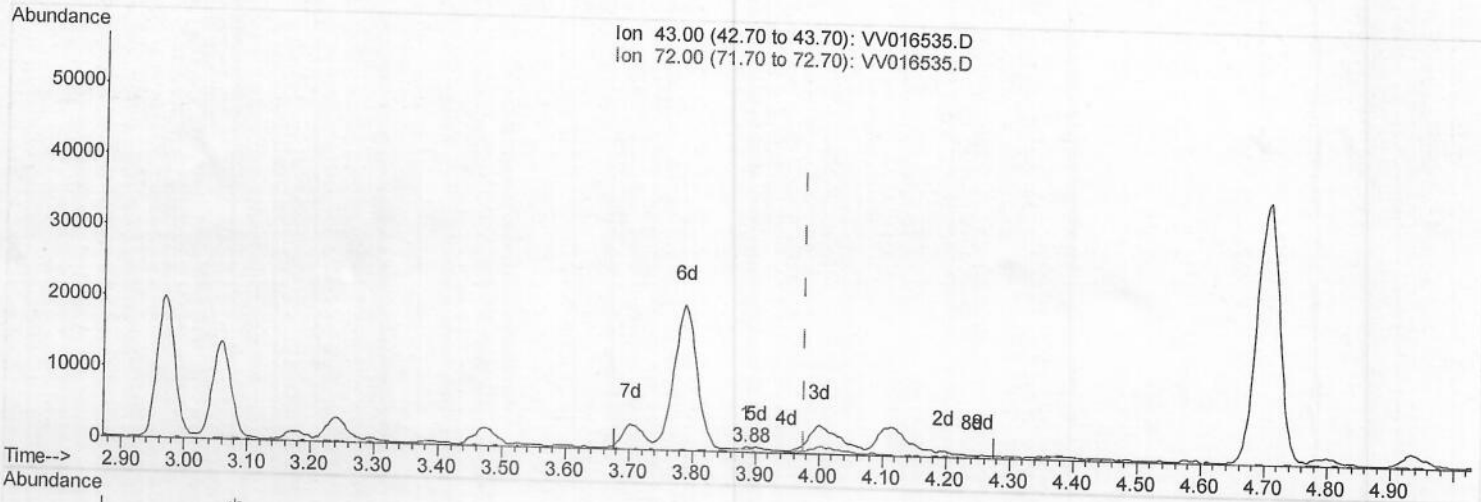
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060520\
 Data File : VV016535.D
 Acq On : 05 Jun 2020 14:55
 Operator : SY/MD
 Sample : L2861-07
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9E39

Manual Integrations
 APPROVED

sam
 6/6/2020 11:32:18 AM

Quant Time: Jun 06 01:29:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 06 00:07:58 2020
 Response via : Initial Calibration



(22) 2-Butanone (T)

3.884min (-0.093) 0.15ug/L

response 298

Ion	Exp%	Act%
43.00	100	100
72.00	25.50	29.53
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

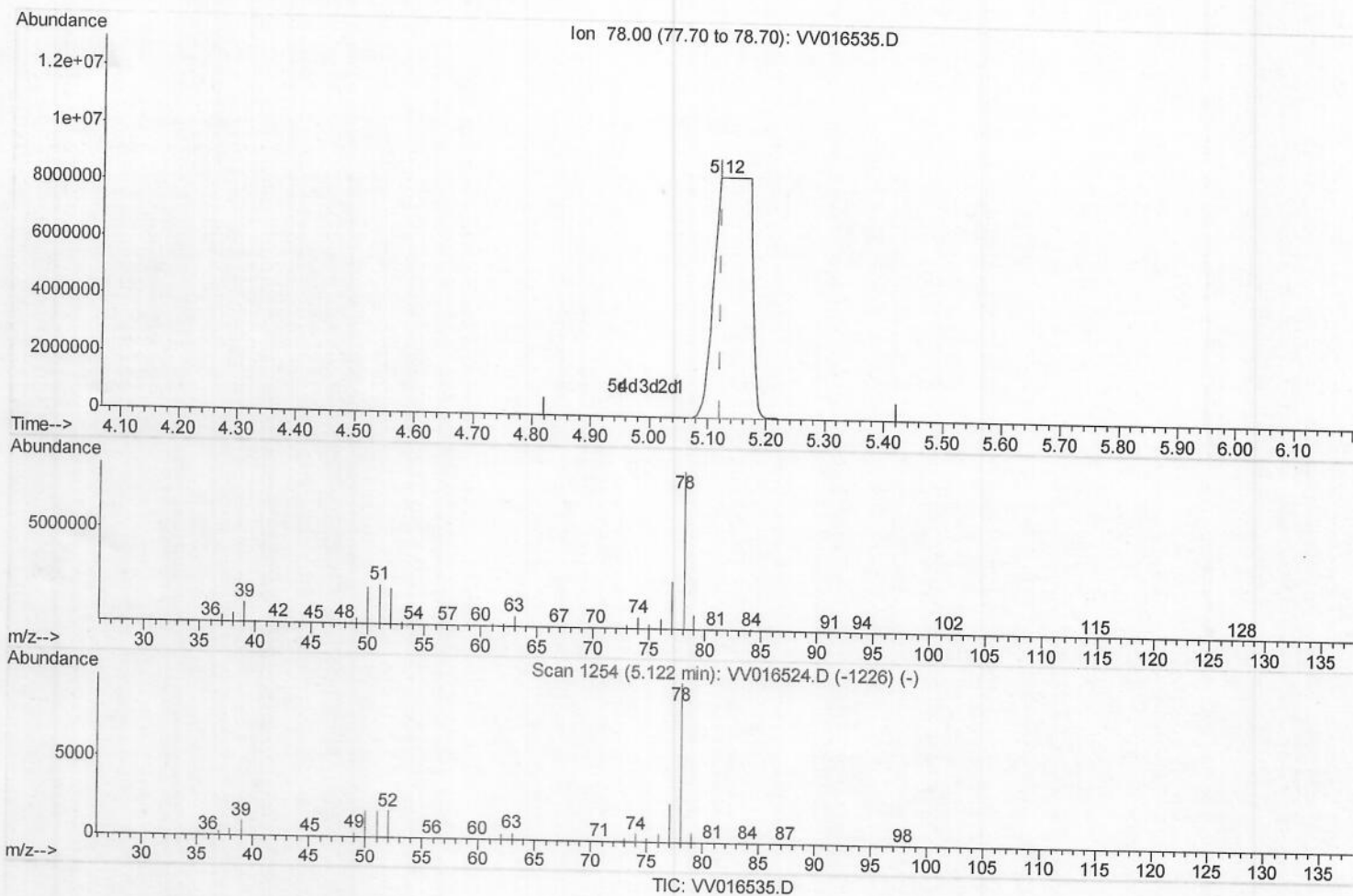
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060520\
 Data File : VV016535.D
 Acq On : 05 Jun 2020 14:55
 Operator : SY/MD
 Sample : L2861-07
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9E39

Manual Integrations
 APPROVED

sam
 6/6/2020 11:32:18 AM

Quant Time: Jun 06 01:29:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 06 00:07:58 2020
 Response via : Initial Calibration



(33) Benzene (T)

5.119min (-0.003) 3248.91ug/L m

response 36272361

Ion	Exp%	Act%
78.00	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

M.D
 06/08/20

Quantitation Report (Qedit)

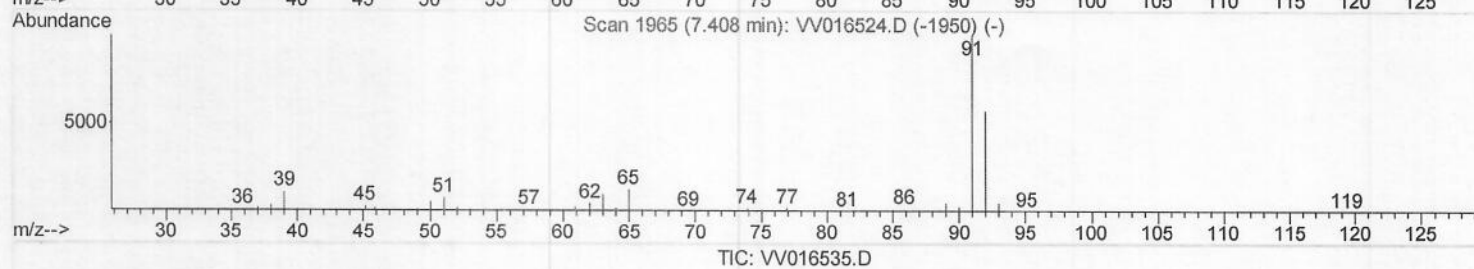
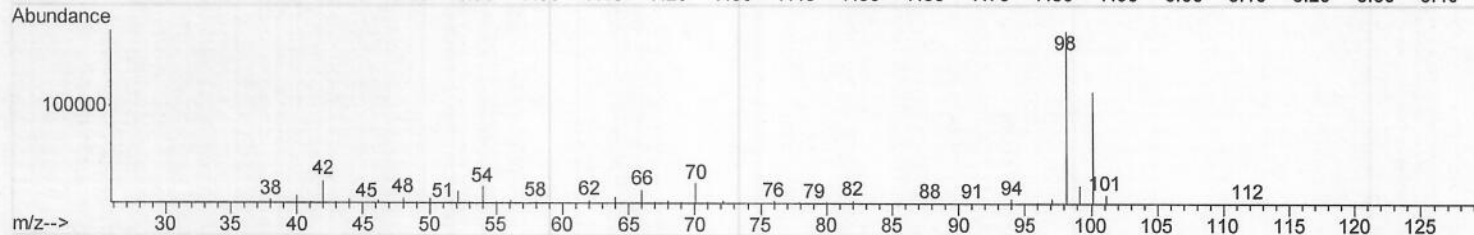
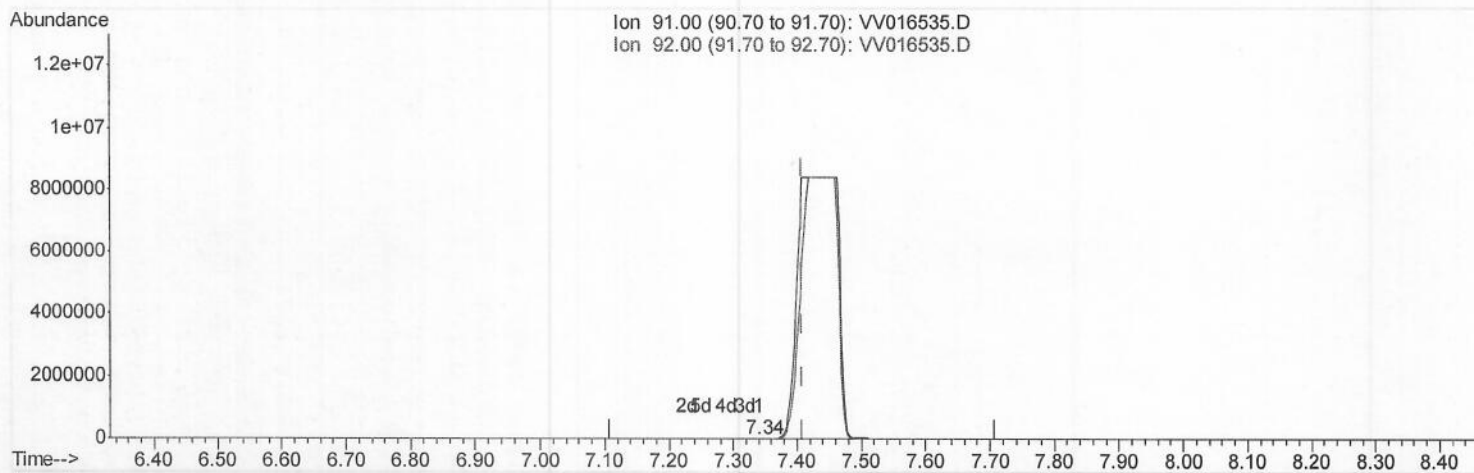
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060520\
 Data File : VV016535.D
 Acq On : 05 Jun 2020 14:55
 Operator : SY/MD
 Sample : L2861-07
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampled :
 F9E39

Quant Time: Jun 06 01:29:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 06 00:07:58 2020
 Response via : Initial Calibration

Manual Integrations
 APPROVED

sam
 6/6/2020 11:32:18 AM



(42) Toluene (T)

7.341min (-0.068) 0.02ug/L

response 218

Ion	Exp%	Act%
91.00	100	100
92.00	58.40	63.64
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

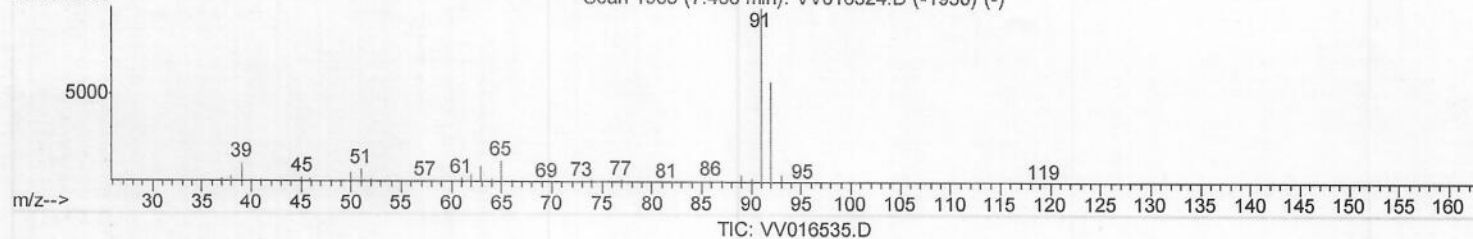
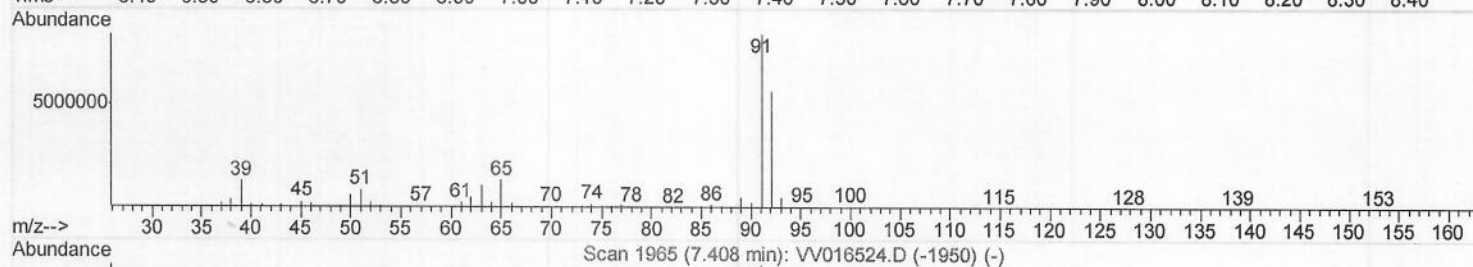
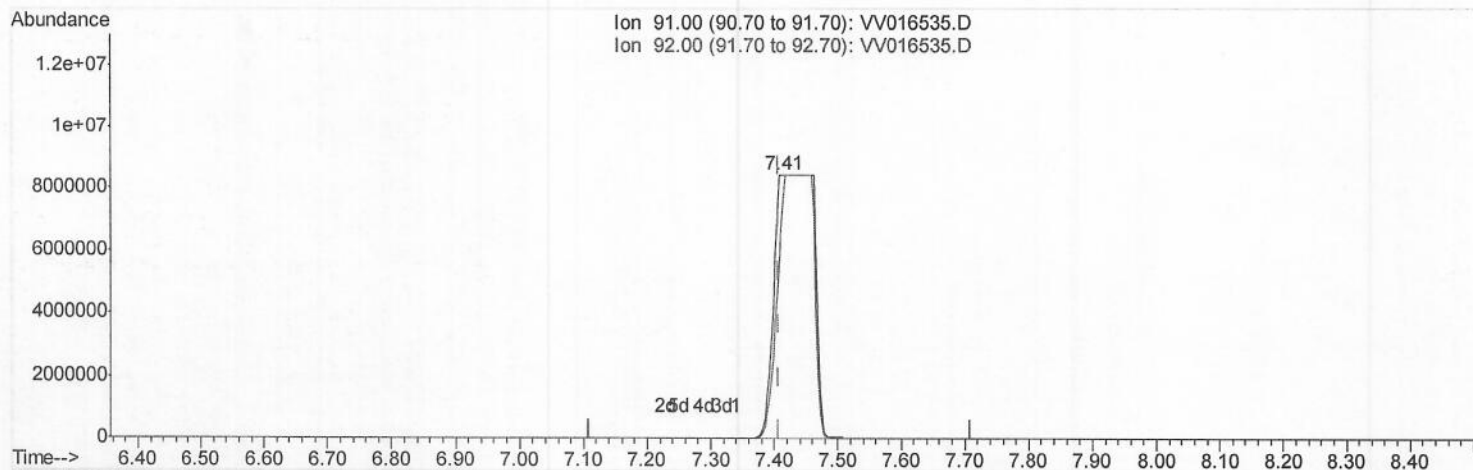
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060520\
 Data File : VV016535.D
 Acq On : 05 Jun 2020 14:55
 Operator : SY/MD
 Sample : L2861-07
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9E39

Quant Time: Jun 06 01:29:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 06 00:07:58 2020
 Response via : Initial Calibration

Manual Integrations
 APPROVED

sam
 6/6/2020 11:32:18 AM



(42) Toluene (T)

7.408min (-0.000) 3061.37ug/L m

response 36217130

Ion	Exp%	Act%
91.00	100	100
92.00	58.40	67.19
0.00	0.00	0.00
0.00	0.00	0.00

M.D
 06/08/20

Quantitation Report (Qedit)

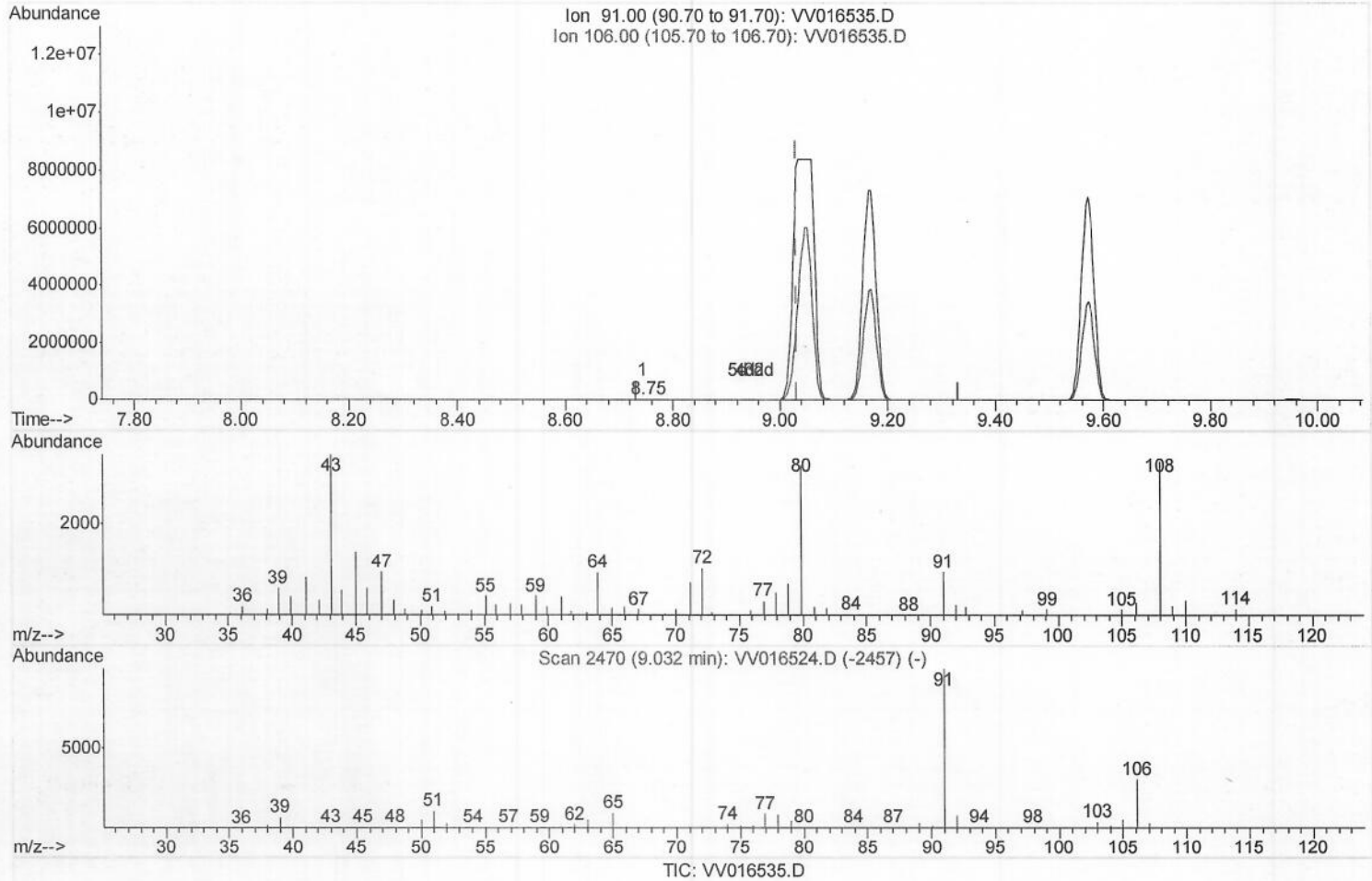
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060520\
 Data File : VV016535.D
 Acq On : 05 Jun 2020 14:55
 Operator : SY/MD
 Sample : L2861-07
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9E39

Manual Integrations
 APPROVED

sam
 6/6/2020 11:32:18 AM

Quant Time: Jun 06 01:29:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 06 00:07:58 2020
 Response via : Initial Calibration



(52) Ethylbenzene (T)

8.746min (-0.286) 0.02ug/L

response 219

Ion	Exp%	Act%
91.00	100	100
106.00	31.10	36.18
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

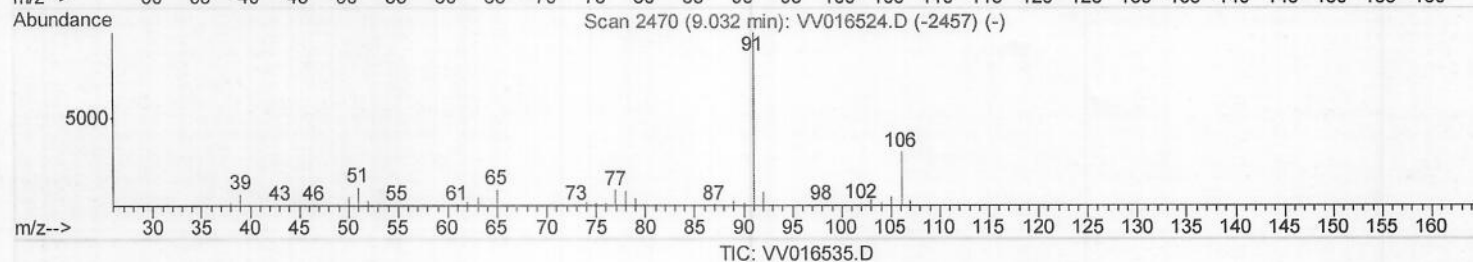
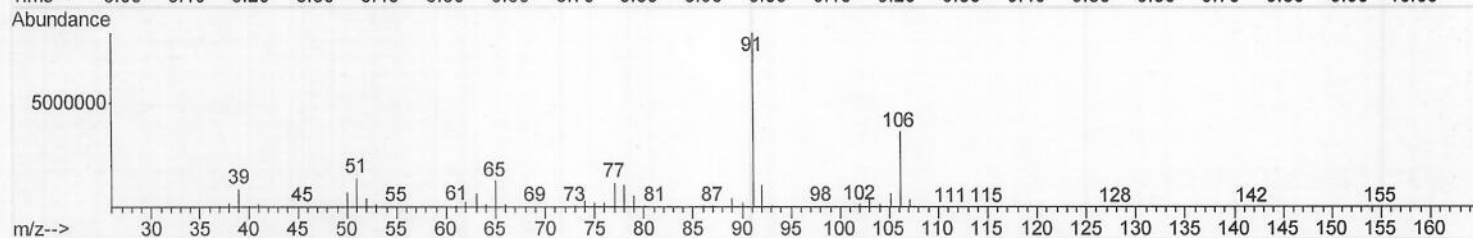
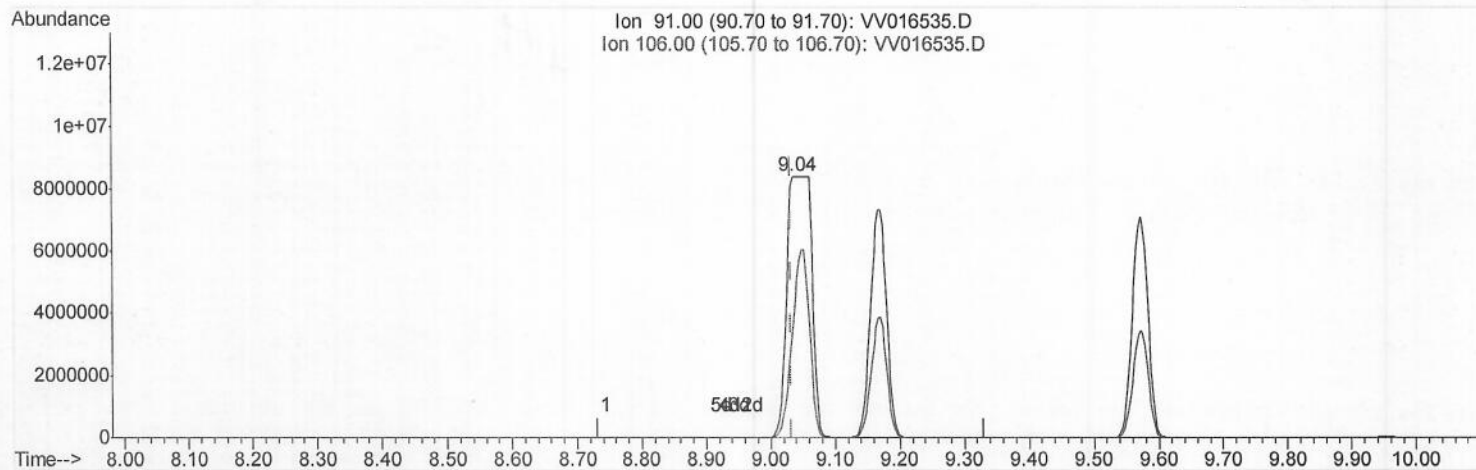
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060520\
 Data File : VV016535.D
 Acq On : 05 Jun 2020 14:55
 Operator : SY/MD
 Sample : L2861-07
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9E39

Manual Integrations
 APPROVED

sam
 6/6/2020 11:32:18 AM

Quant Time: Jun 06 01:29:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 06 00:07:58 2020
 Response via : Initial Calibration



(52) Ethylbenzene (T)

9.035min (+0.003) 1728.37ug/L m

response 22254475

Ion Exp% Act%

91.00 100 100

106.00 31.10 43.00#

0.00 0.00 0.00

0.00 0.00 0.00

M.D
06/08/20

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060520\
 Data File : VV016535.D
 Acq On : 05 Jun 2020 14:55
 Operator : SY/MD
 Sample : L2861-07
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9E39

Manual Integrations
 APPROVED

sam
 6/6/2020 11:32:18 AM

Quant Time: Jun 06 01:40:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 06 00:07:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	385209	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.88	117	379617	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	196243	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	111133	40.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.46%
7) Chloroethane-d5	1.56	69	77994	39.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.20%
11) 1,1-Dichloroethene-d2	2.12	63	183304	37.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.80%
21) 2-Butanone-d5	3.89	46	168352	96.50	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.50%
24) Chloroform-d	4.37	84	219746	42.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.84%
26) 1,2-Dichloroethane-d4	5.07	65	159641	46.56	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.12%
32) Benzene-d6	5.08	84	445141	43.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.54%
36) 1,2-Dichloropropane-d6	6.10	67	134022	42.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.60%
41) Toluene-d8	7.35	98	411087	44.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.02%
43) trans-1,3-Dichloropropene-	7.65	79	59025	38.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.44%
47) 2-Hexanone-d5	8.11	63	126256	93.04	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.04%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	171546	39.92	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	79.84%
64) 1,2-Dichlorobenzene-d4	11.65	152	166789	45.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.46%

Target Compounds

					Ovalue
13) Acetone	2.18	43	8071	4.950	ug/L 97
22) 2-Butanone	4.00	43 →	13520m →	6.682	ug/L
29) Cyclohexane	4.70	56	833304	184.950	ug/L 100
33) Benzene	5.12	78 →	86272361m →	3248.909	ug/L
35) Methylcyclohexane	6.16	83	133289	31.698	ug/L 97
42) Toluene	7.41	91 →	86217130m →	3061.368	ug/L
52) Ethylbenzene	9.04	91 →	2254475m →	1728.370	ug/L
53) m,p-Xylene	9.17	106	6441130	1326.665	ug/L 92
54) o-xylene	9.57	106	5623864	1196.024	ug/L 92
56) Isopropylbenzene	9.95	105	831758	68.100	ug/L 100

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