

(QT/LSC Reviewed)

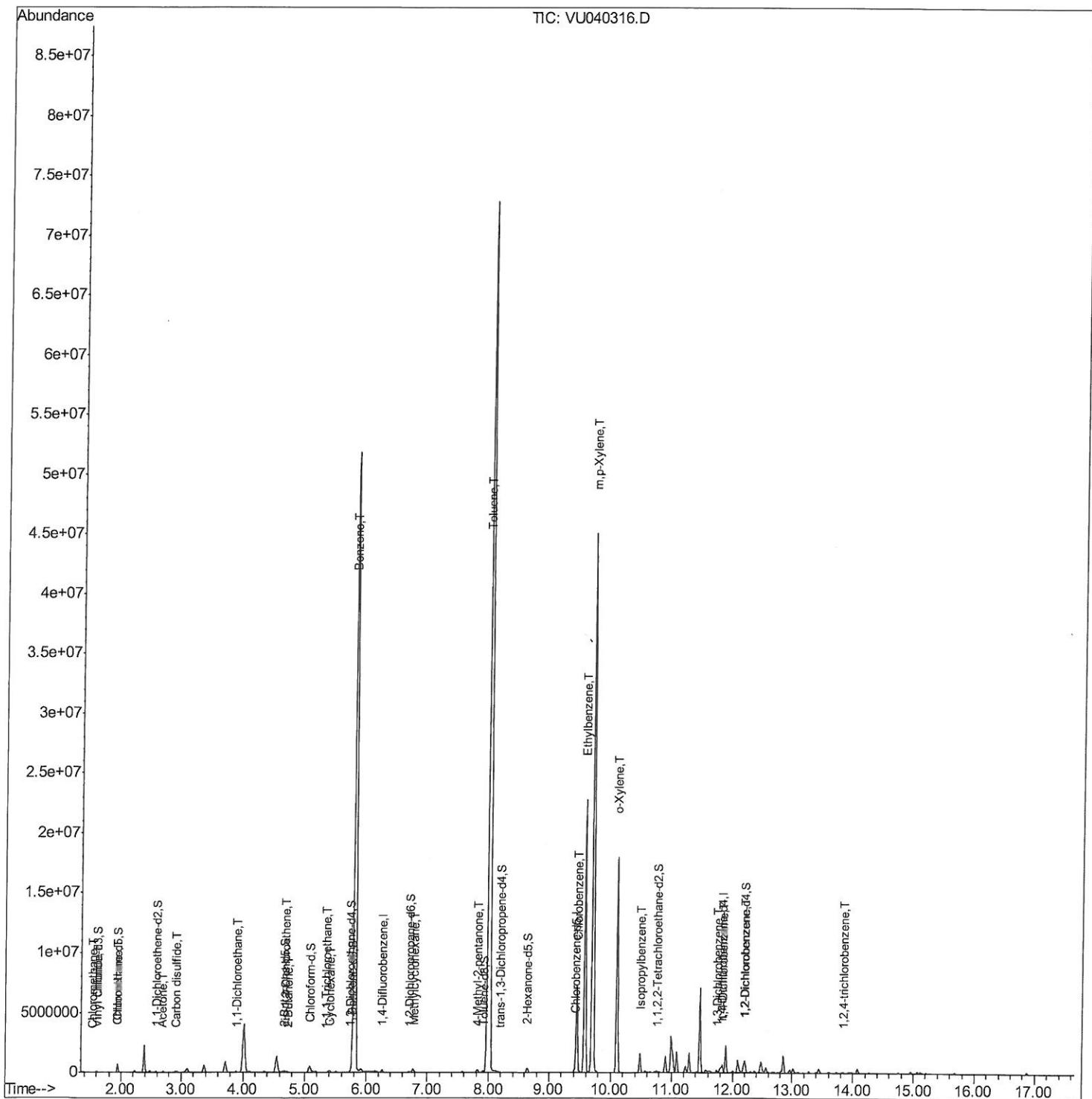
```
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092620\  
Data File : VU040316.D  
Acq On    : 25 Sep 2020   21:43  
Operator  : SY/MD  
Sample    : L4139-04  
Misc      : 25.0mL/MSVOA U/WATER  
ALS Vial  : 31      Sample Multiplier: 1
```

Instrument :
MSVOA_U
ClientSampleId :
BG494

Manual Integrations

MMDadoda
9/28/2020 11:07:04 AM

Quant Time: Sep 28 09:39:32 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Sep 26 06:44:13 2020
Response via : Initial Calibration



Quantitation Report (Qedit)

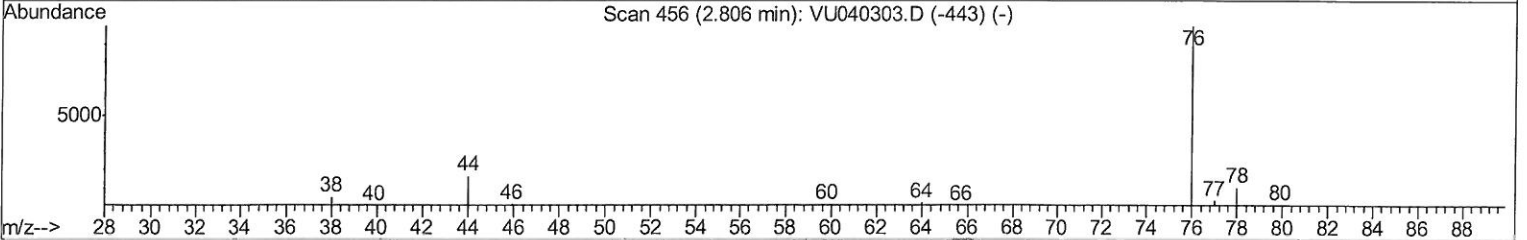
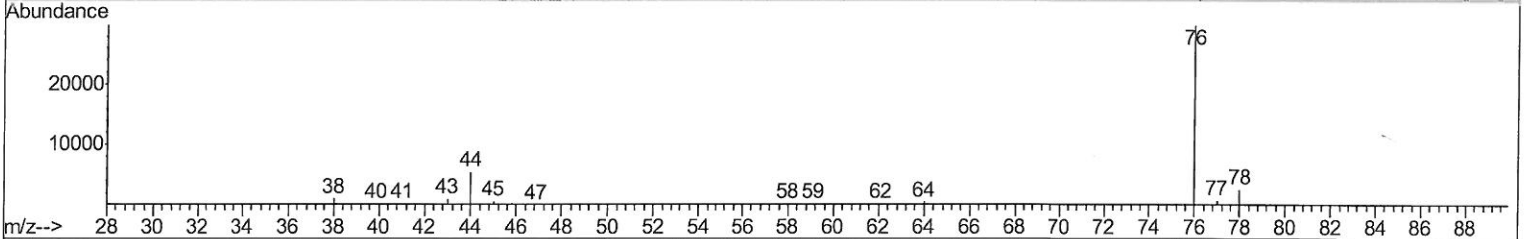
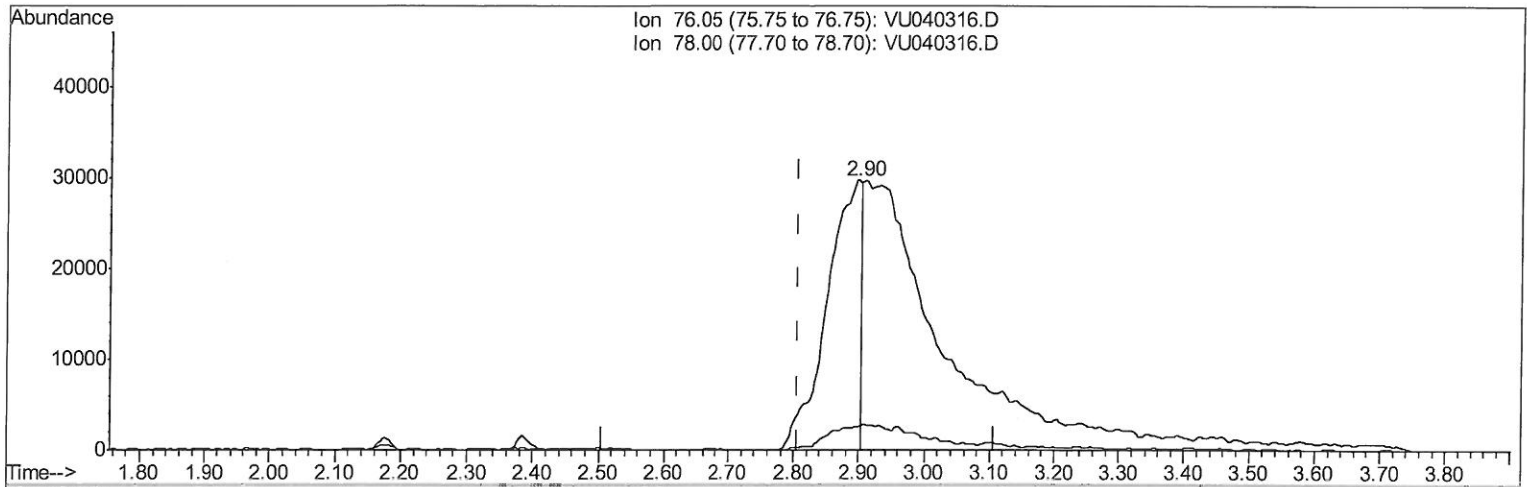
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092620\
 Data File : VU040316.D
 Acq On : 25 Sep 2020 21:43
 Operator : SY/MD
 Sample : L4139-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG494

Manual Integrations
 APPROVED

MMDadoda
 9/28/2020 11:07:04 AM

Quant Time: Sep 26 06:53:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Sep 26 06:44:13 2020
 Response via : Initial Calibration



TIC: VU040316.D

(14) Carbon disulfide (T)
 2.900min (+0.093) 3.17ug/L
 response 107560

Ion	Exp%	Act%
76.05	100	100
78.00	9.00	8.85
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

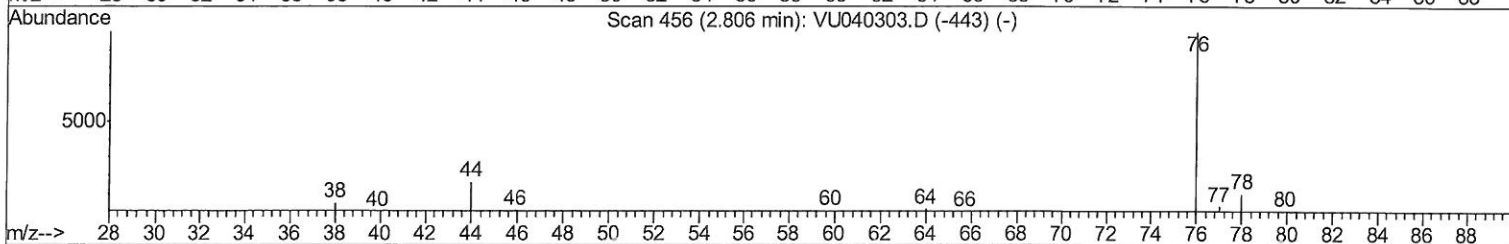
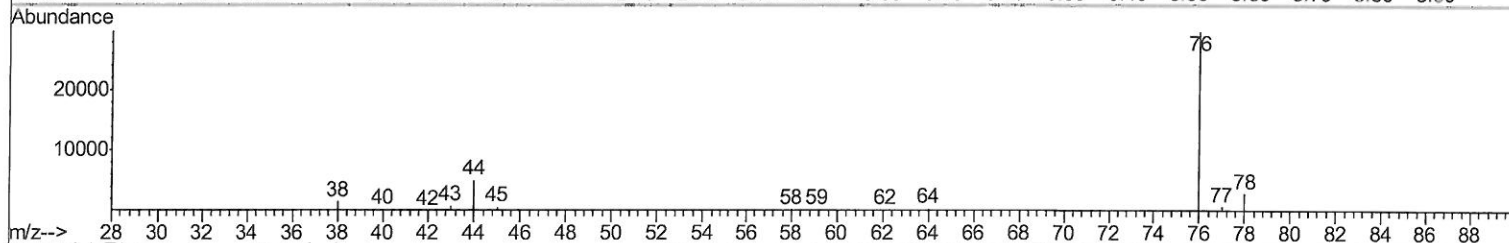
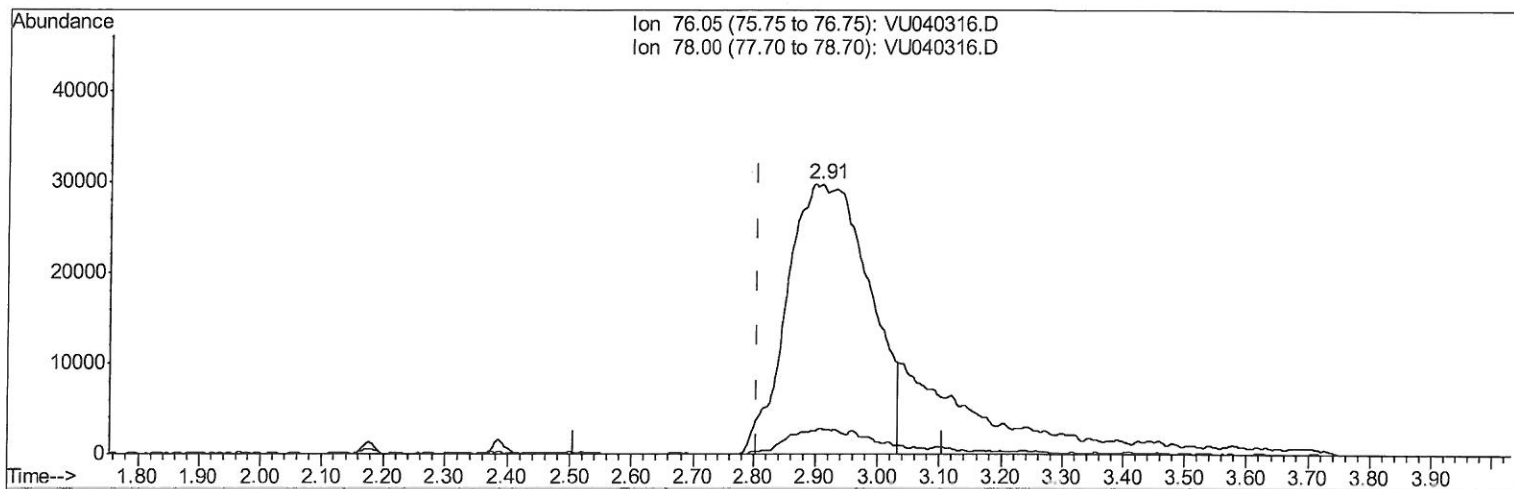
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092620\
 Data File : VU040316.D
 Acq On : 25 Sep 2020 21:43
 Operator : SY/MD
 Sample : L4139-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG494

Manual Integrations
 APPROVED

MMDadoda
 9/28/2020 11:07:04 AM

Quant Time: Sep 26 06:53:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Sep 26 06:44:13 2020
 Response via : Initial Calibration



TIC: VU040316.D

(14) Carbon disulfide (T)

2.909min (+0.103) 8.05ug/L m

response 273517

7 MD
10/10/20

Ion	Exp%	Act%
76.05	100	100
78.00	9.00	9.65
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

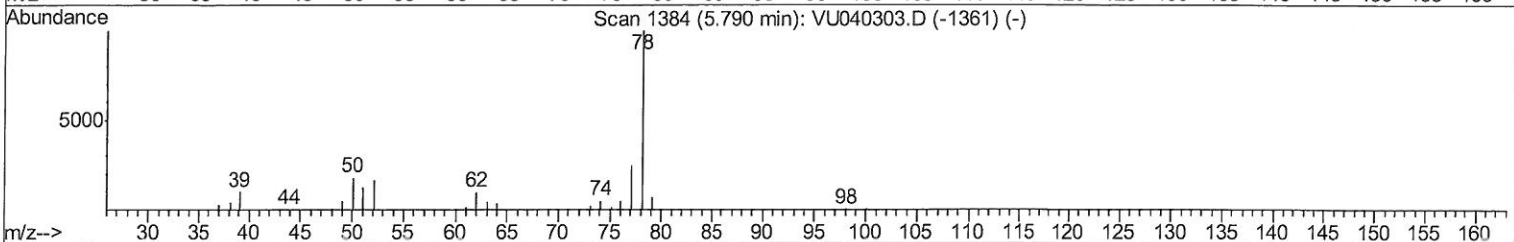
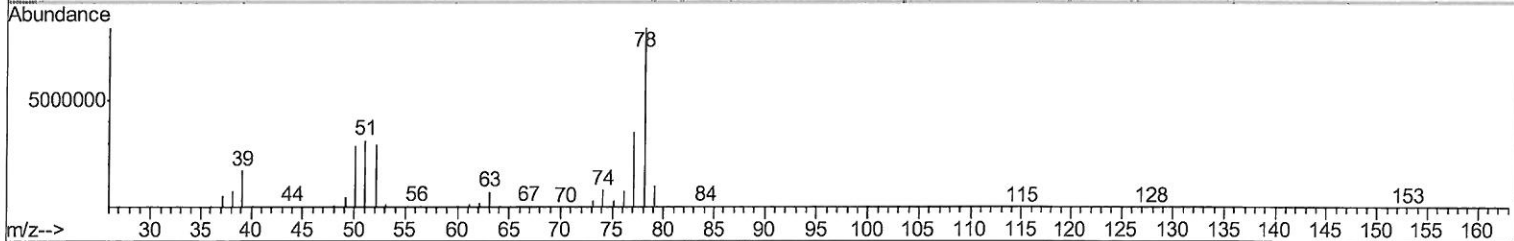
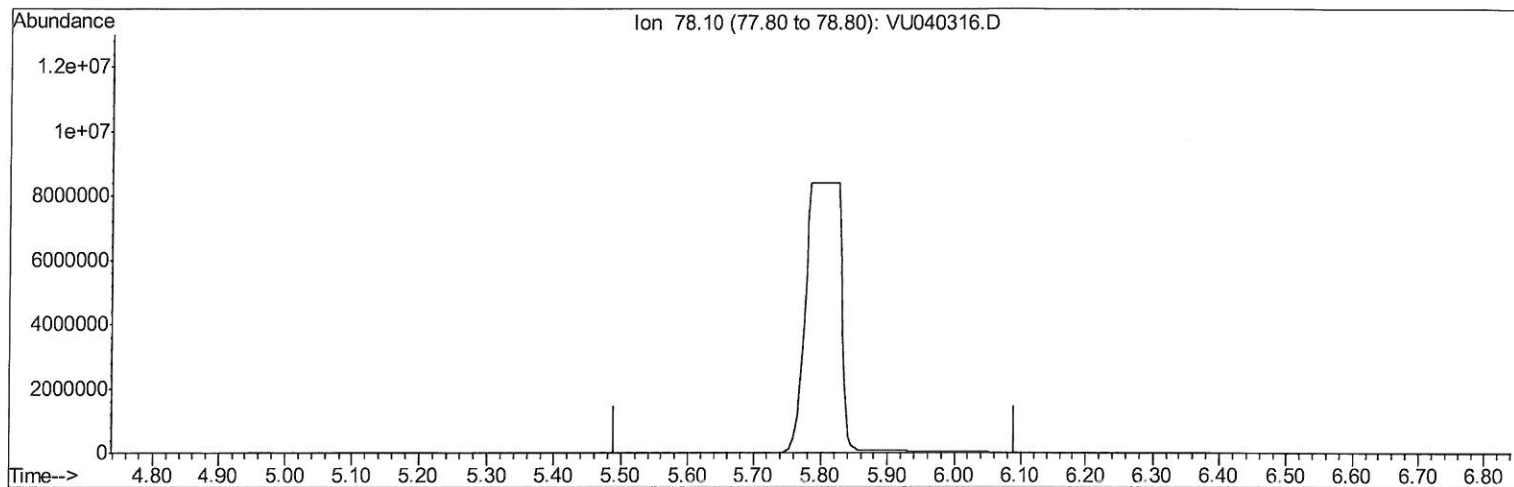
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092620\
 Data File : VU040316.D
 Acq On : 25 Sep 2020 21:43
 Operator : SY/MD
 Sample : L4139-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG494

Manual Integrations
 APPROVED

MMDadoda
 9/28/2020 11:07:04 AM

Quant Time: Sep 26 06:53:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Sep 26 06:44:13 2020
 Response via : Initial Calibration



TIC: VU040316.D

(33) Benzene (T)

5.790min (-5.790) 0.00ug/L

response 0

Ion	Exp%	Act%
78.10	100	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

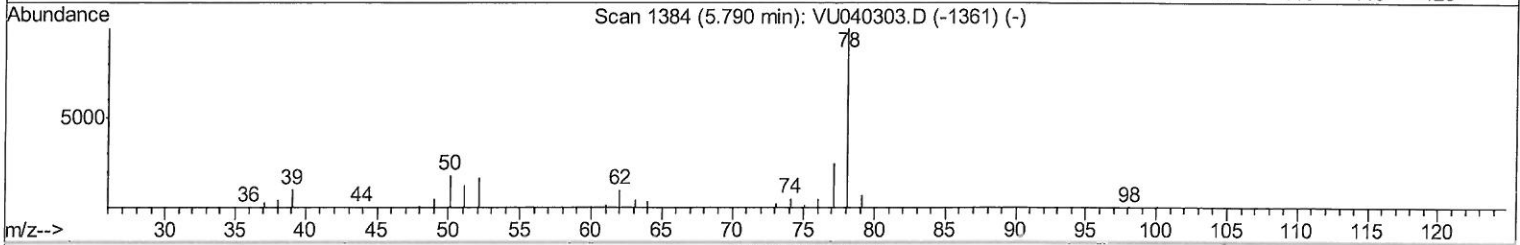
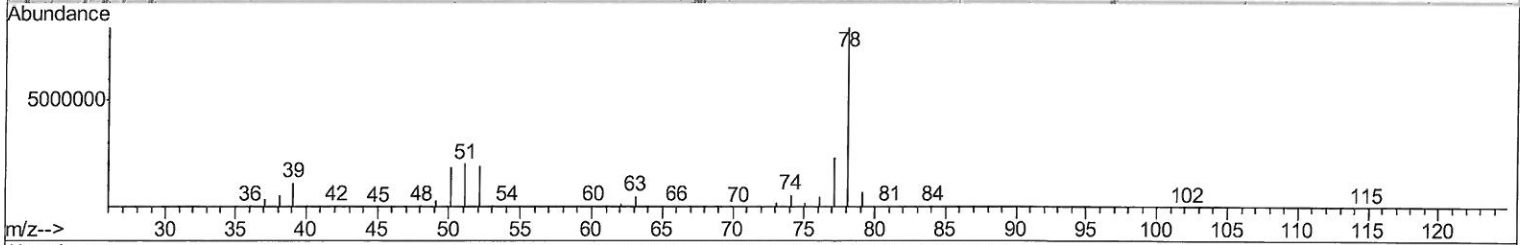
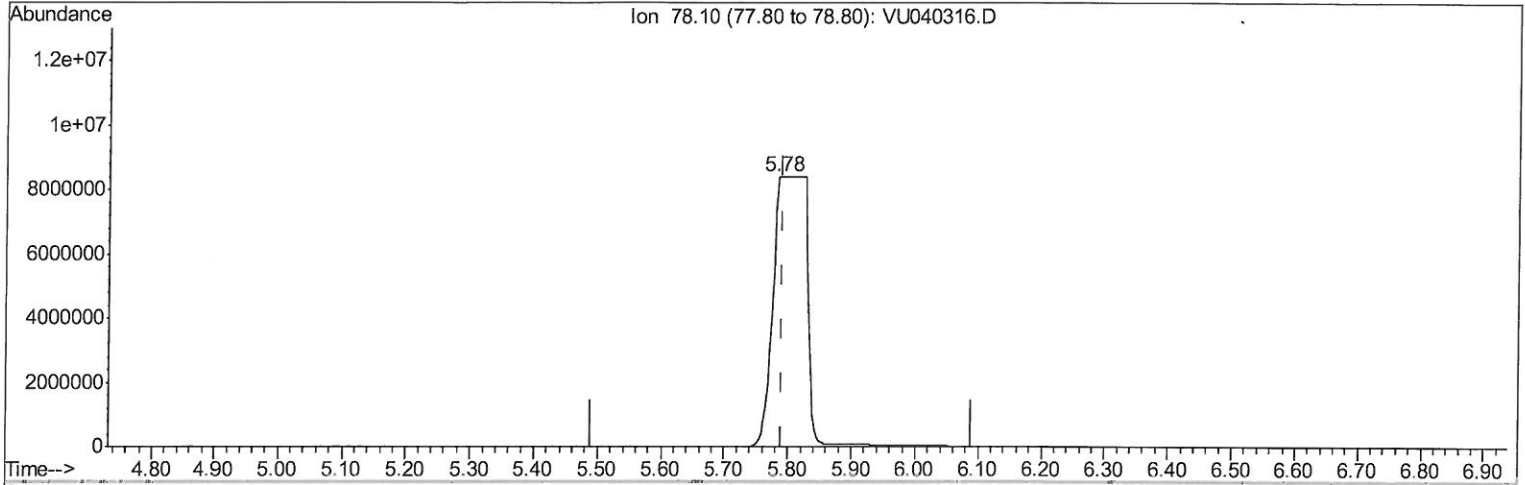
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092620\
 Data File : VU040316.D
 Acq On : 25 Sep 2020 21:43
 Operator : SY/MD
 Sample : L4139-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
ClientSampleId :
 BG494

Manual Integrations
APPROVED

MMDadoda
 9/28/2020 11:07:04 AM

Quant Time: Sep 26 06:53:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Sep 26 06:44:13 2020
 Response via : Initial Calibration



TIC: VU040316.D

(33) Benzene (T)

5.784min (-0.006) 616.97ug/L m

response 30464044

Ion	Exp%	Act%
78.10	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

7 MD
10/10/20

Quantitation Report (Qedit)

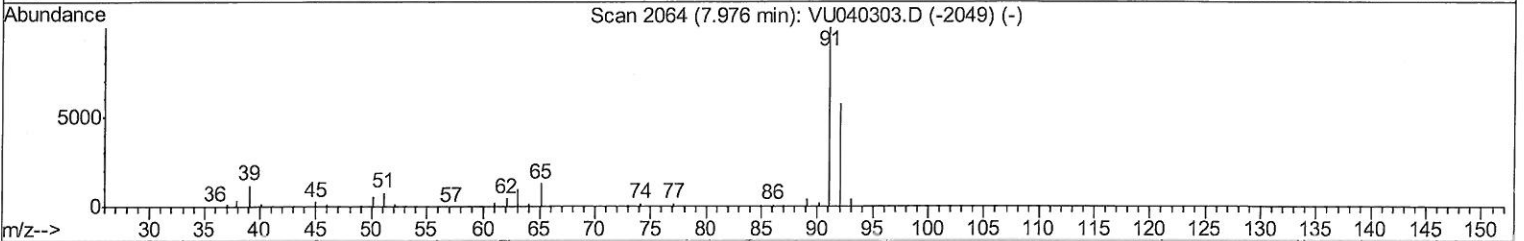
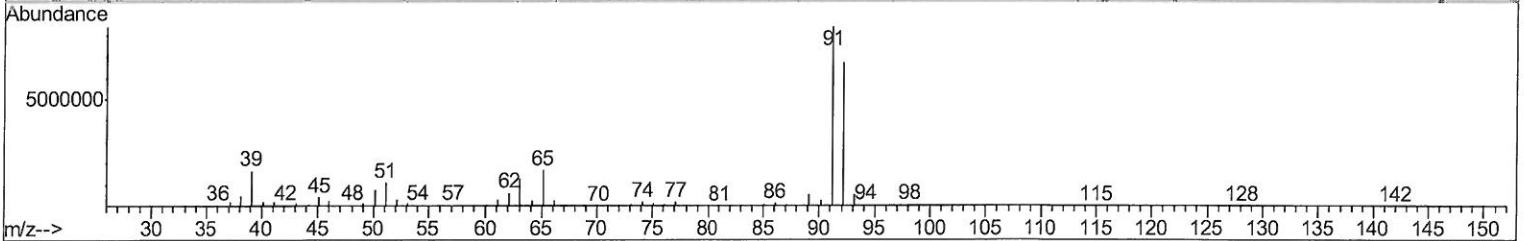
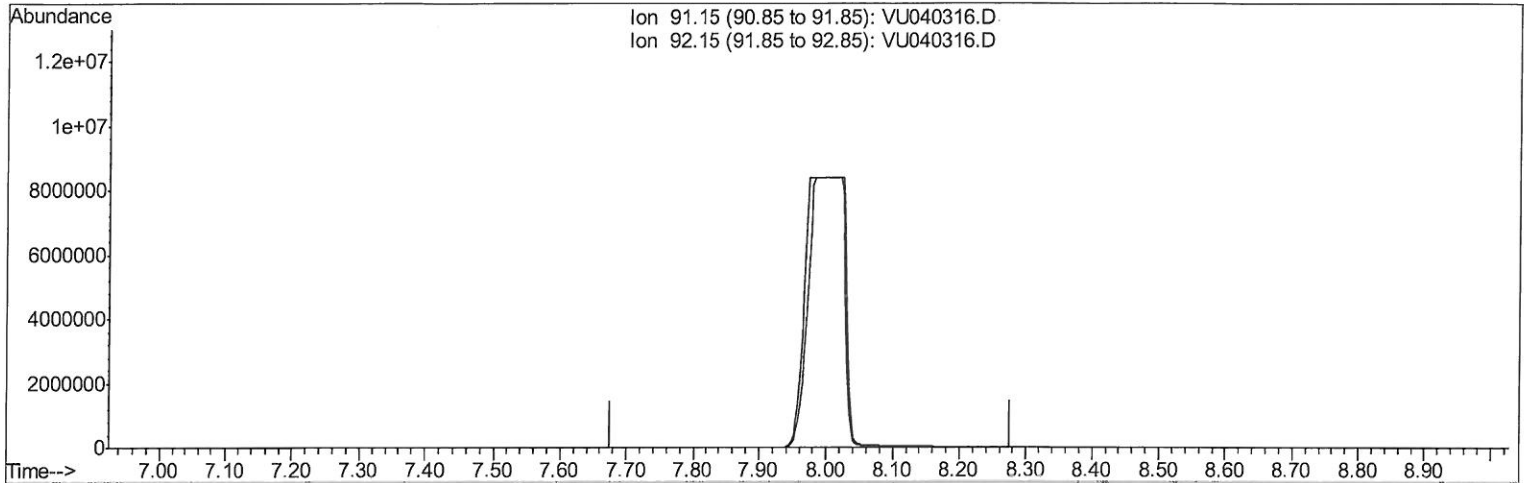
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092620\
 Data File : VU040316.D
 Acq On : 25 Sep 2020 21:43
 Operator : SY/MD
 Sample : L4139-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
ClientSampleId :
 BG494

Manual Integrations
APPROVED

MMDadoda
 9/28/2020 11:07:04 AM

Quant Time: Sep 26 06:53:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Sep 26 06:44:13 2020
 Response via : Initial Calibration



TIC: VU040316.D

(42) Toluene (T)

7.976min (-7.976) 0.00ug/L

response 0

Ion	Exp%	Act%
91.15	100	0.00
92.15	58.10	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

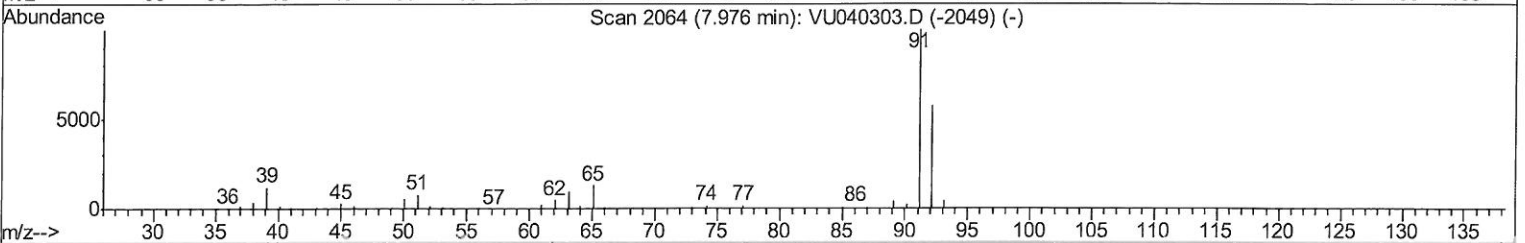
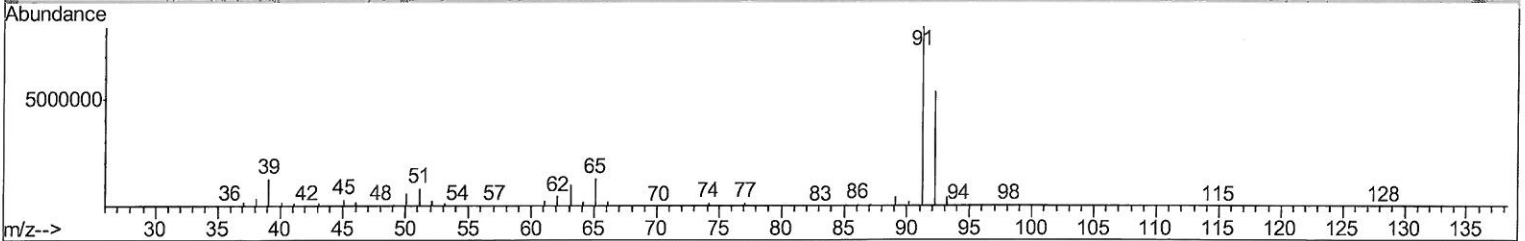
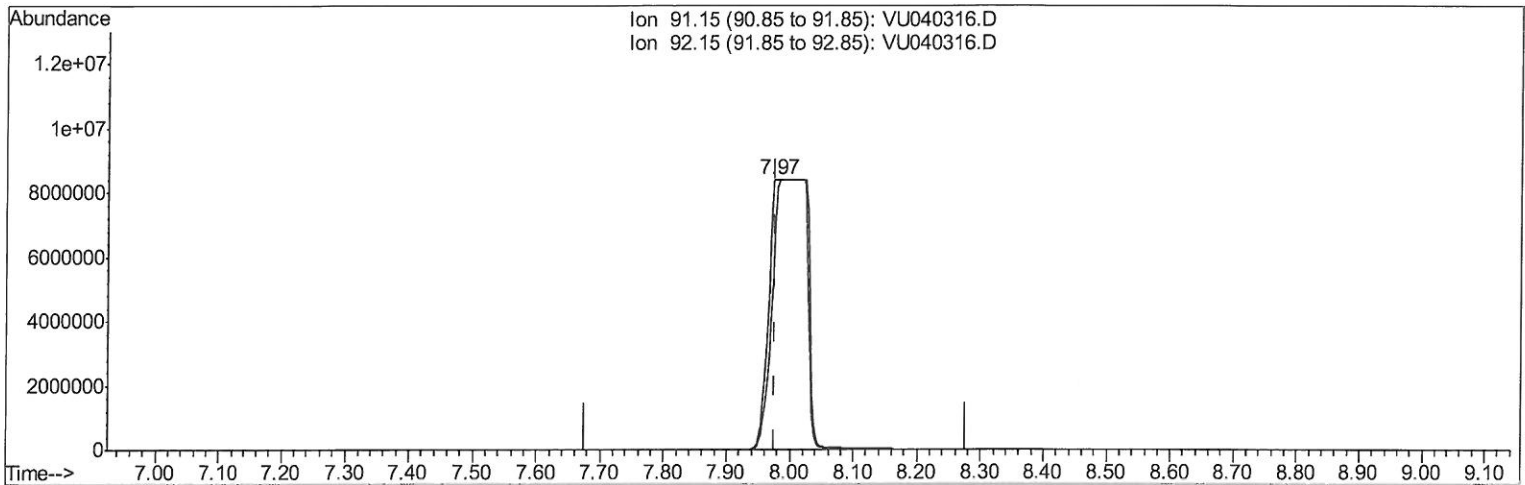
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092620\
 Data File : VU040316.D
 Acq On : 25 Sep 2020 21:43
 Operator : SY/MD
 Sample : L4139-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG494

Manual Integrations
 APPROVED

MMDadoda
 9/28/2020 11:07:04 AM

Quant Time: Sep 26 06:53:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Sep 26 06:44:13 2020
 Response via : Initial Calibration



TIC: VU040316.D

(42) Toluene (T)

7.973min (-0.003) 679.38ug/L m

response 34546792

Ion	Exp%	Act%
91.15	100	100
92.15	58.10	63.57
0.00	0.00	0.00
0.00	0.00	0.00

MD
10/10/20

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092620\
 Data File : VU040316.D
 Acq On : 25 Sep 2020 21:43
 Operator : SY/MD
 Sample : L4139-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG494

Manual Integrations
 APPROVED

MMDadoda
 9/28/2020 11:07:04 AM

Quant Time: Sep 28 09:39:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Sep 26 06:44:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	136879	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	138024	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	71623	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	32801	4.39	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.80%
7) Chloroethane-d5	1.92	69	31675	5.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.80%
11) 1,1-Dichloroethene-d2	2.58	63	54230	2.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.60%#
20) 2-Butanone-d5	4.67	46	151282	50.61	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.22%
24) Chloroform-d	5.08	84	75411	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.40%
26) 1,2-Dichloroethane-d4	5.73	65	46299	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.00%
32) Benzene-d6	5.75	84	142871	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
36) 1,2-Dichloropropane-d6	6.70	67	47969	4.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.20%
41) Toluene-d8	7.91	98	124883	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.80%
43) trans-1,3-Dichloropropene-	8.19	79	18238	3.74	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.80%
46) 2-Hexanone-d5	8.64	63	116882	50.57	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.14%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	44554	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	52131	4.50	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.00%

Target Compounds

					Ovalue	
3) Chloromethane	1.53	50	1396	0.107	ug/L	97
5) Vinyl chloride	1.61	62	15748	1.194	ug/L	100
8) Chloroethane	1.94	64	408779	51.589	ug/L	100
13) Acetone	2.68	43	50404	18.215	ug/L	96
14) Carbon disulfide	2.91	76	273517m	8.053	ug/L	
19) 1,1-Dichloroethane	3.89	63	52199	2.225	ug/L	98
21) 2-Butanone	4.75	43	32665	7.230	ug/L	91
22) cis-1,2-Dichloroethene	4.68	96	28402	2.318	ug/L	98
29) 1,1,1-Trichloroethane	5.33	97	2583	0.119	ug/L	98
30) Cyclohexane	5.40	56	87181	4.148	ug/L	96
33) Benzene	5.78	78	30464044m	616.967	ug/L	
35) Methylcyclohexane	6.77	83	100591	4.960	ug/L	91
40) 4-Methyl-2-pentanone	7.82	43	199415	18.178	ug/L	99
42) Toluene	7.97	91	34546792m	679.379	ug/L	
51) Chlorobenzene	9.45	112	3554266	112.580	ug/L	99
52) Ethylbenzene	9.57	91	15051360	260.510	ug/L	98
53) m,p-Xylene	9.71	106	12617176	613.360	ug/L #	40

MA
 10/10/20

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092620\
Data File : VU040316.D
Acq On : 25 Sep 2020 21:43
Operator : SY/MD
Sample : L4139-04
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BG494

Manual Integrations
APPROVED

MMDadoda
9/28/2020 11:07:04 AM

Quant Time: Sep 28 09:39:32 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Sep 26 06:44:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
54) o-Xylene	10.11	106	4382815	223.586	uq/L	100
56) Isopropylbenzene	10.48	105	953406	17.834	uq/L	99
62) 1,3-Dichlorobenzene	11.74	146	28339	1.083	uq/L	98
63) 1,4-Dichlorobenzene	11.83	146	229239	8.654	uq/L	98
65) 1,2-Dichlorobenzene	12.20	146	296365	11.700	uq/L	98
68) 1,2,4-trichlorobenzene	13.83	180	1924	0.121	uq/L #	84

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