

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111919\
Quantitation Report (QT Reviewed)

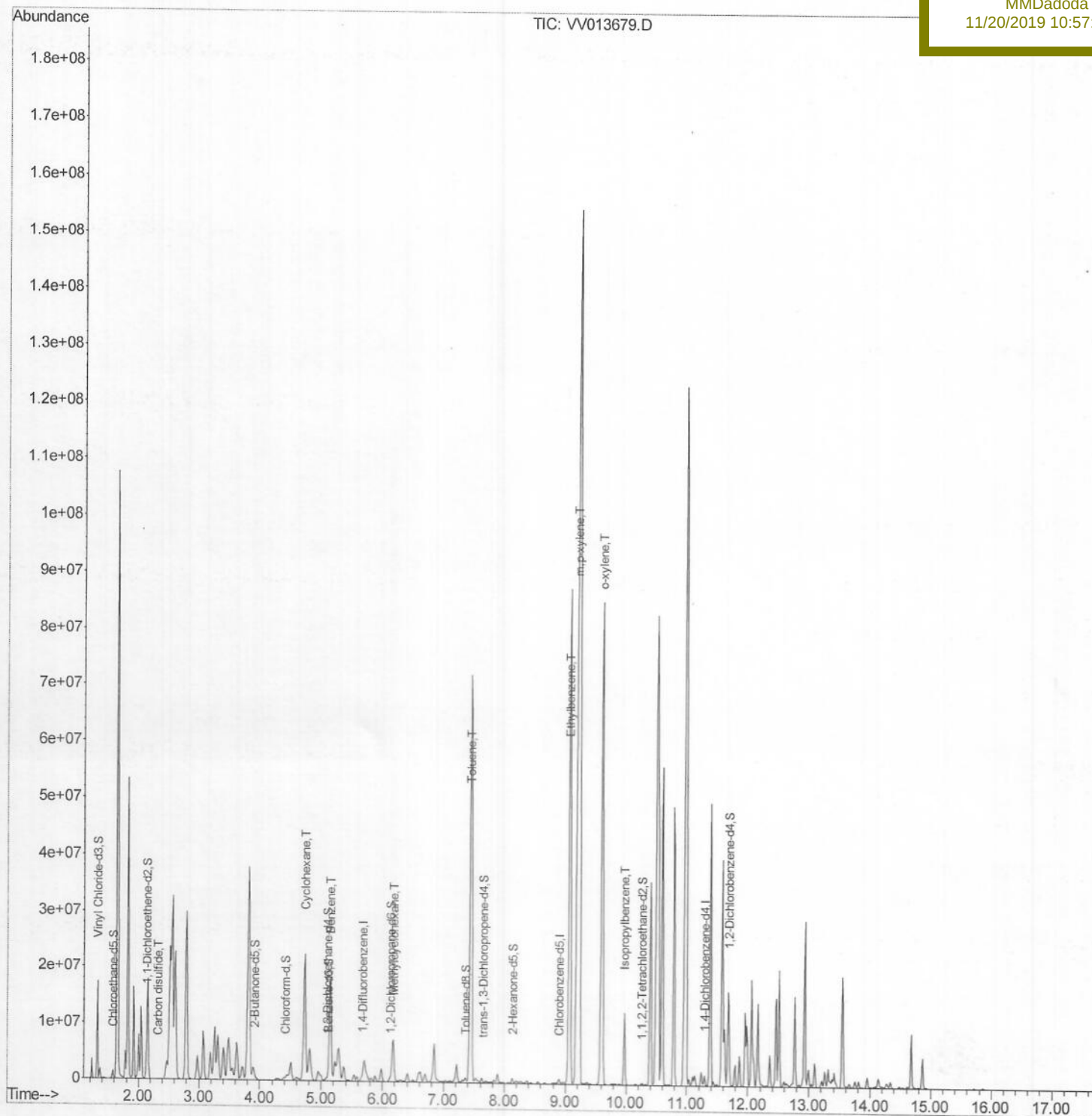
Data File : VV013679.D
Acq On : 19 Nov 2019 15:33
Operator : SY/MD
Sample : K5910-21
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 20 03:06:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 20 01:31:47 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
Client Sample ID :
GAQK4

Manual Integrations
APPROVED

MMDadoda
11/20/2019 10:57:01 AM



Data File : VV013679.D

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Operator : SY/MD

Sample : K5910-21

Misc : 25.0mL/MSVOA_V/WATER

ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 20 01:35:03 2019

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Quant Title : TRACE VOA SOM01.0

QLast Update : Wed Nov 20 01:31:47 2019

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MSVOA_V

ClientSampleId :

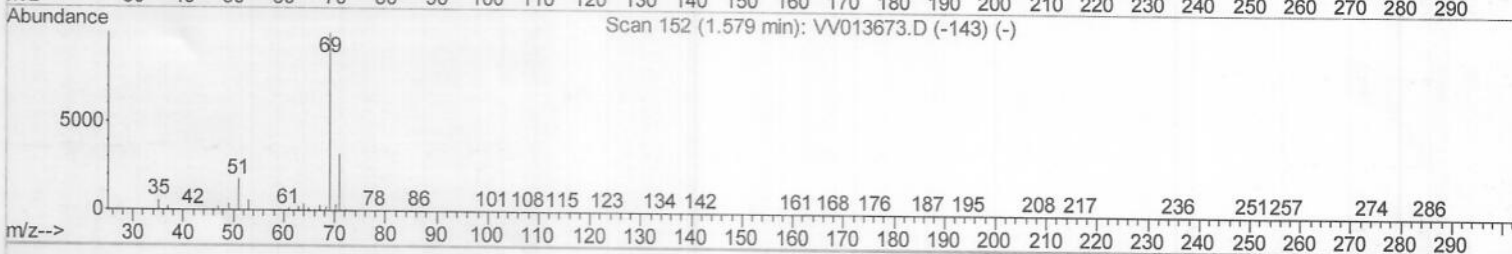
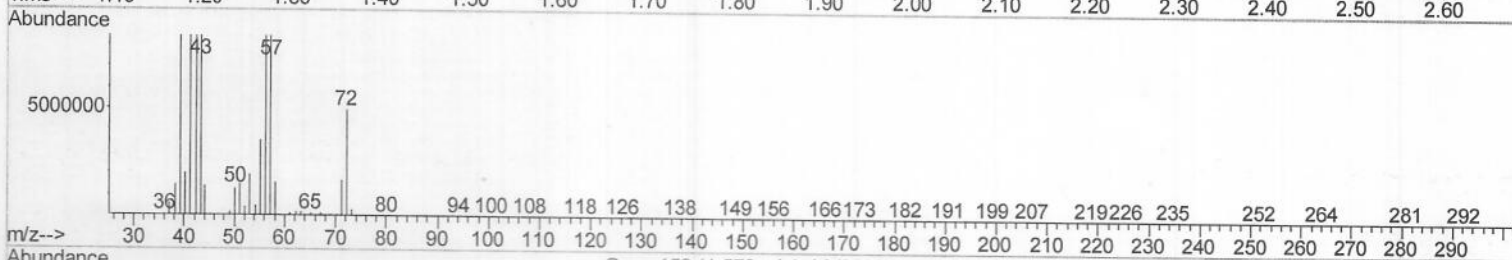
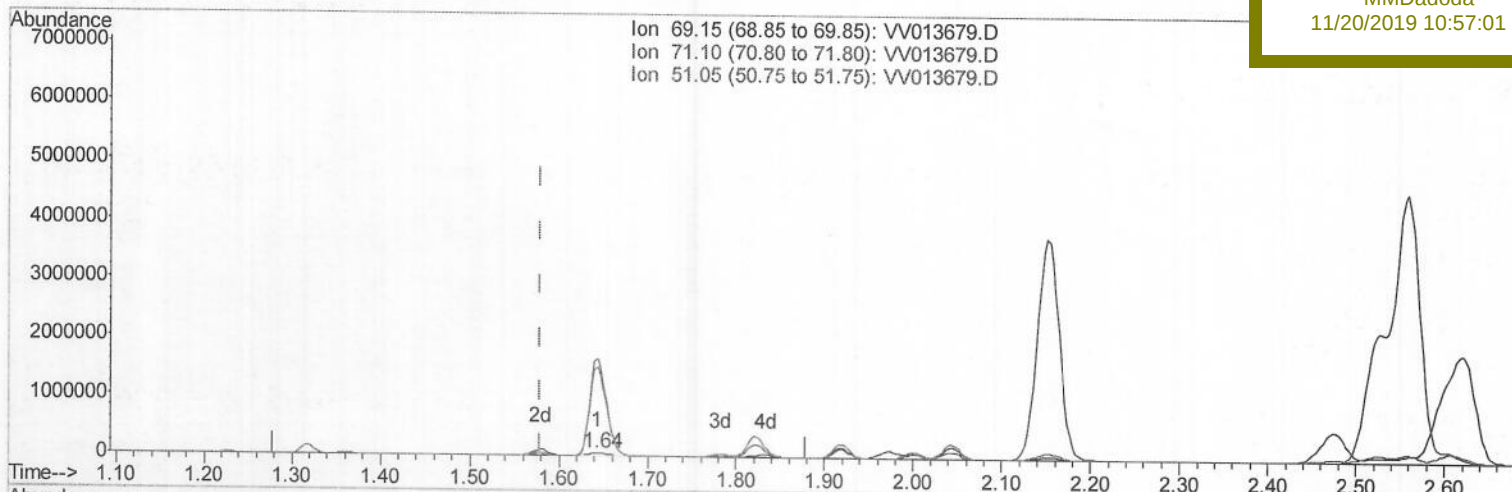
GAQK4

Manual Integrations

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11/20/2019 10:57:01 AM



(7) Chloroethane-d5 (S)

1.643min (+0.064) 2.35ug/L

response 64307

Ion	Exp%	Act%
69.15	100	100
71.10	32.50	3259.16#
51.05	24.80	3058.27#
0.00	0.00	0.00

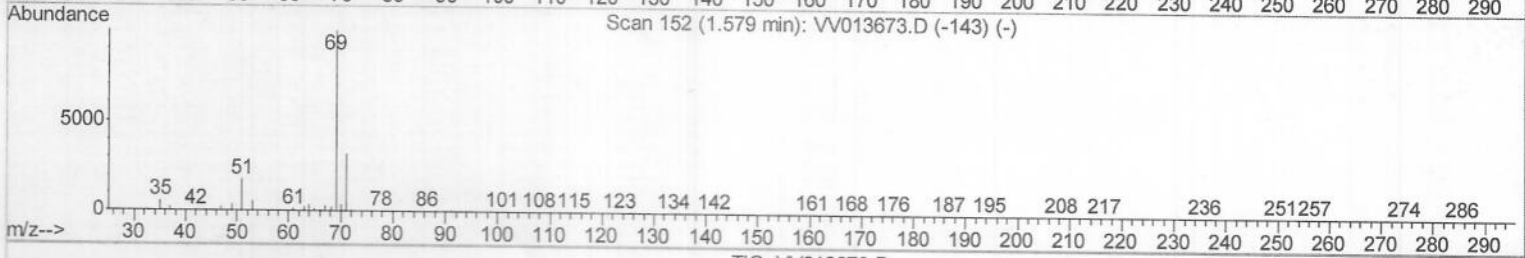
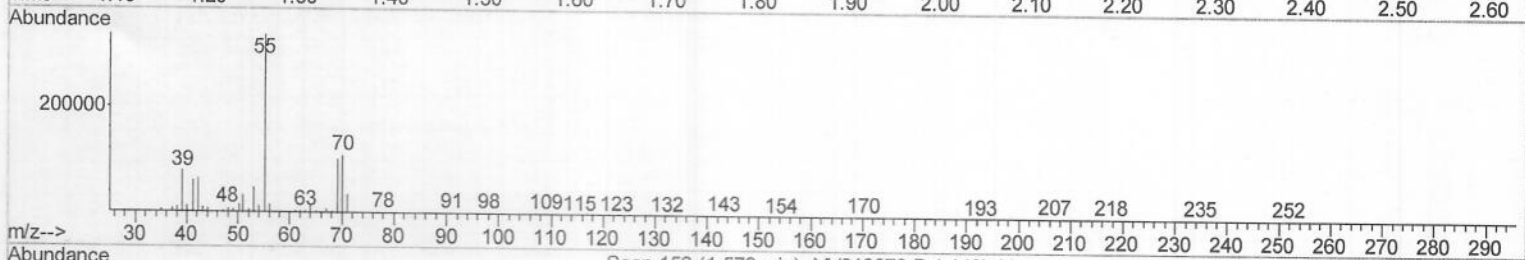
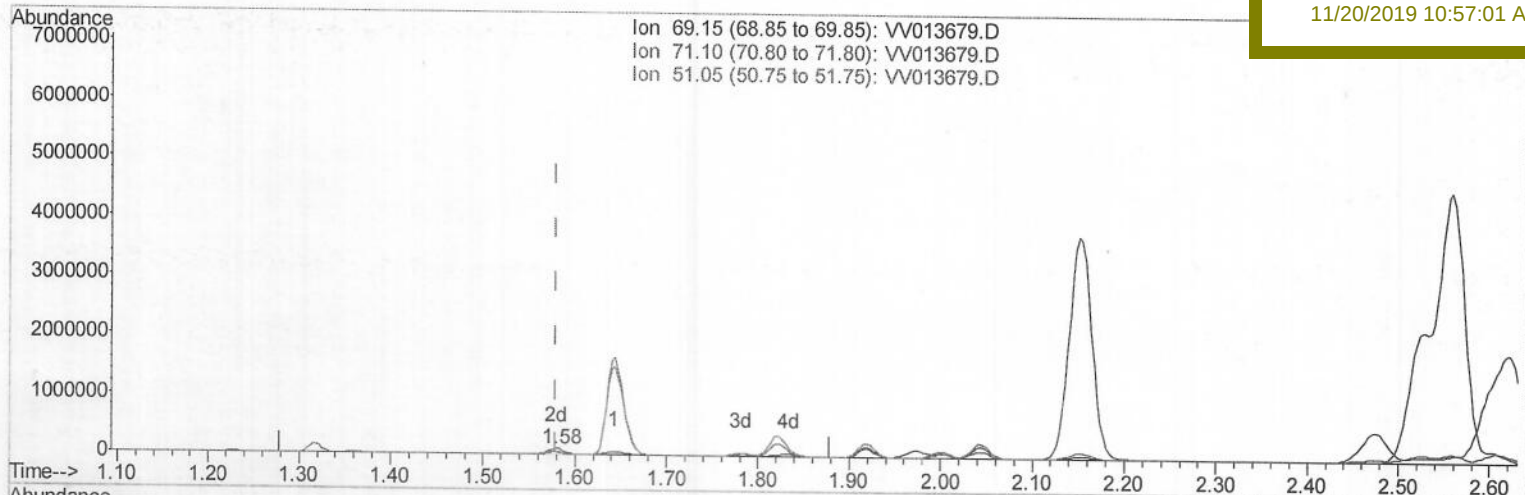
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ClientSampleId :
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Manual Integrations
APPROVED

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11/20/2019 10:57:01 AM



TIC: VV013679.D

(7) Chloroethane-d5 (S)

1.579min (-0.000) 4.33ug/L m

response 118545

Ion	Exp%	Act%
69.15	100	100
71.10	32.50	1767.99#
51.05	24.80	1659.02#
0.00	0.00	0.00

> MD
11/26/19

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111919\
Quantitation Report (Qedit)

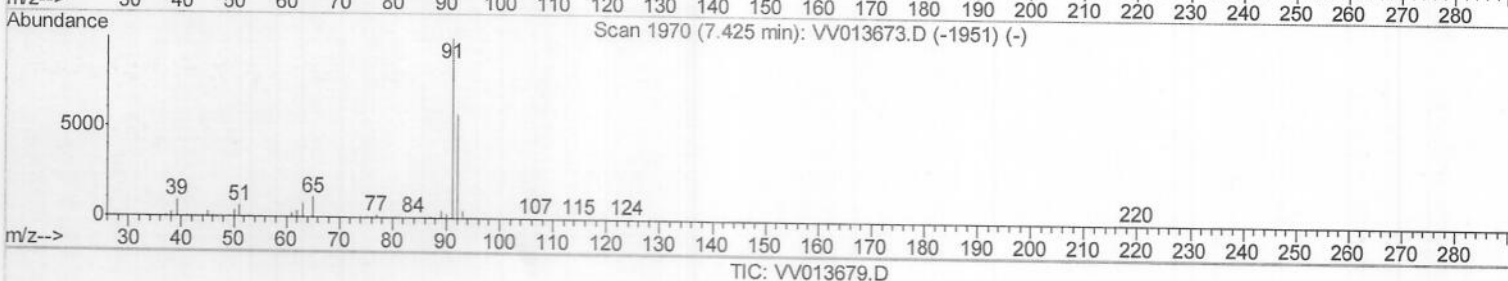
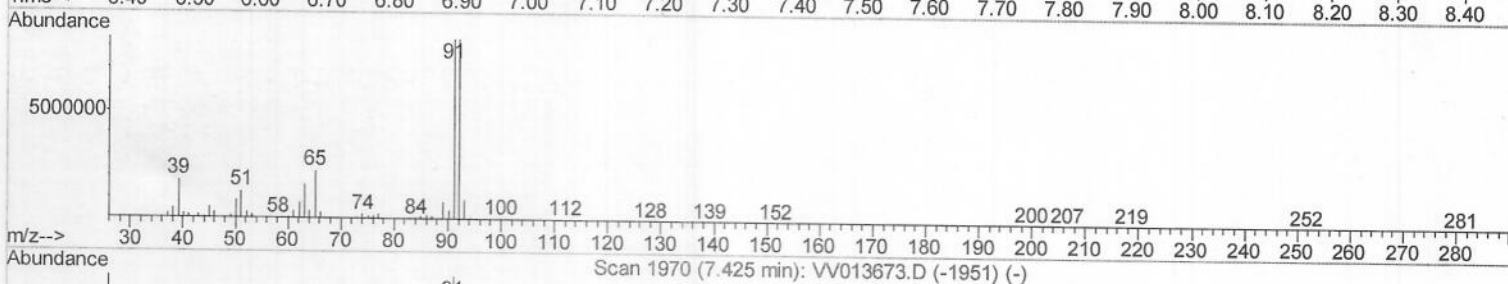
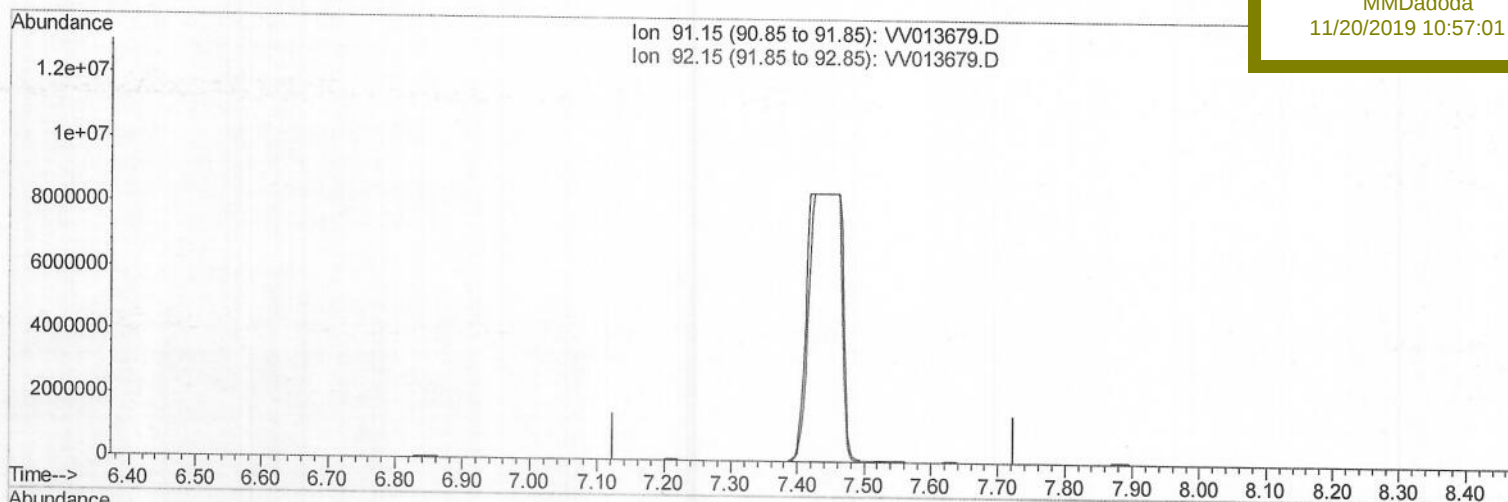
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Operator : SY/MD
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QLast Update : Wed Nov 20 01:31:47 2019
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Instrument :
MSVOA_V
ClientSampled :
GAQK4

Manual Integrations
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11/20/2019 10:57:01 AM



(42) Toluene (T)

7.425min (-7.425) 0.00ug/L

response 0

Ion	Exp%	Act%
91.15	100	0.00
92.15	58.90	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111919\
Quantitation Report (Qedit)

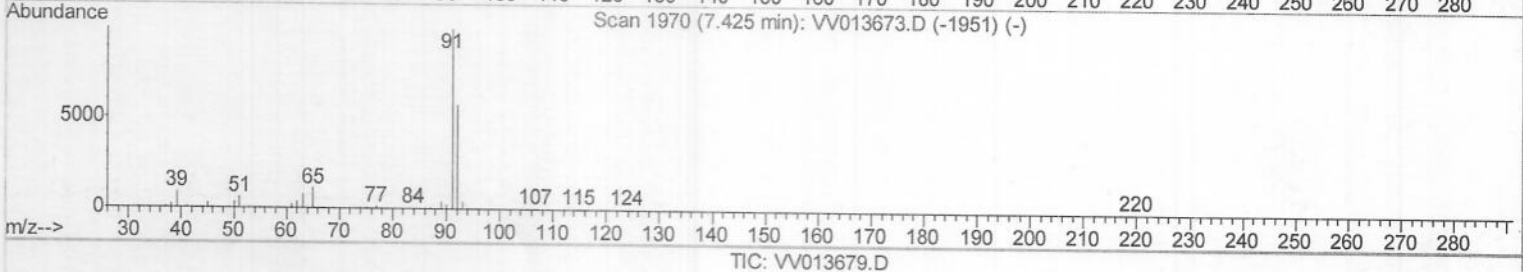
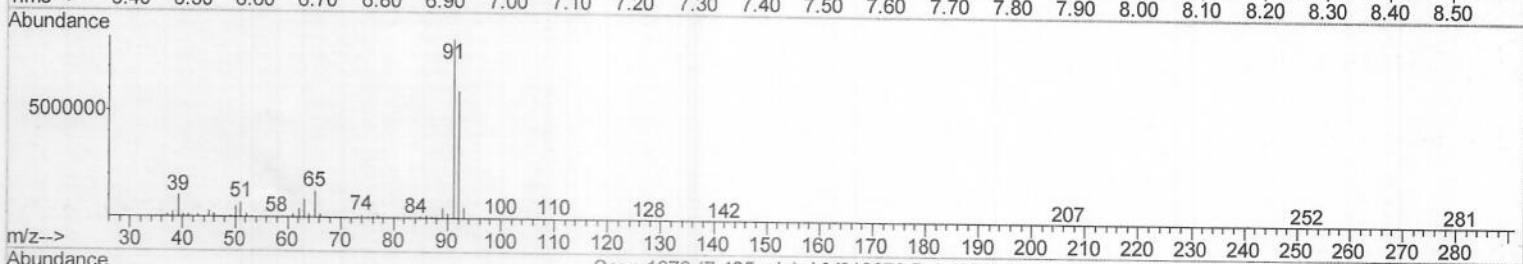
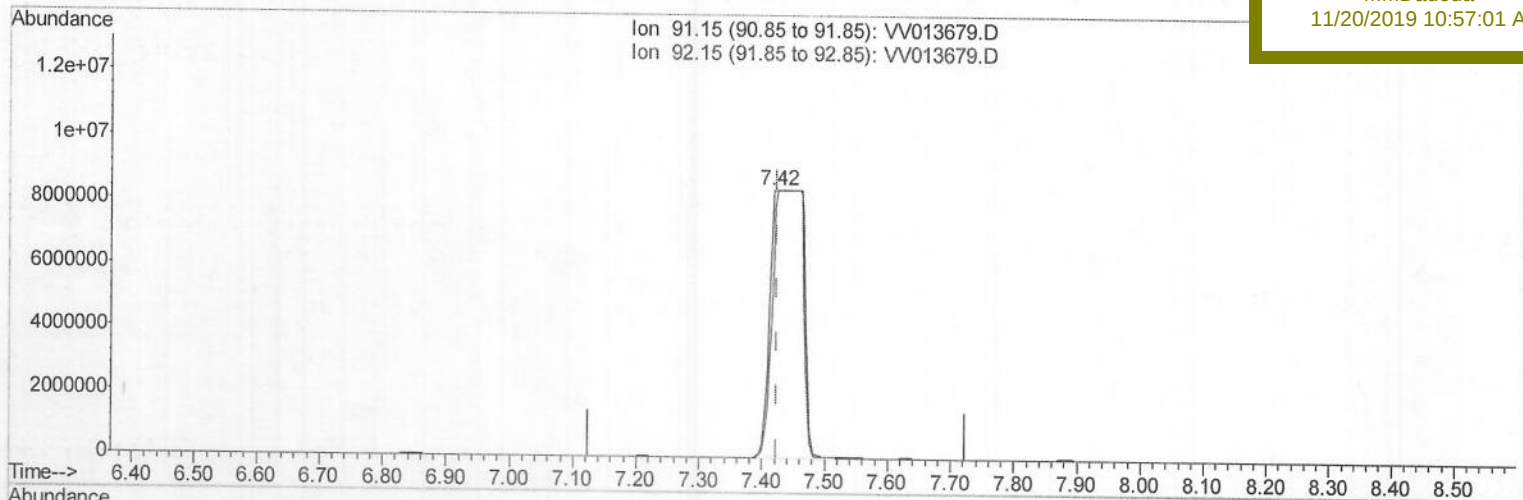
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Operator : SY/MD
Sample : K5910-21
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

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Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
GAQK4

Manual Integrations
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(42) Toluene (T)

7.418min (-0.007) 209.14ug/L m

response 30690338

Ion	Exp%	Act%
91.15	100	100
92.15	58.90	71.17
0.00	0.00	0.00
0.00	0.00	0.00

MD
11/28/19

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111919\
Quantitation Report (Qedit)

Data File : VV013679.D

Acq On : 19 Nov 2019 15:33

Operator : SY/MD

Sample : K5910-21

Misc : 25.0mL/MSVOA_V/WATER

ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 20 01:35:03 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M

Quant Title : TRACE VOA SOM01.0

QLast Update : Wed Nov 20 01:31:47 2019

Response via : Initial Calibration

Instrument :

MSVOA_V

ClientSampleId :

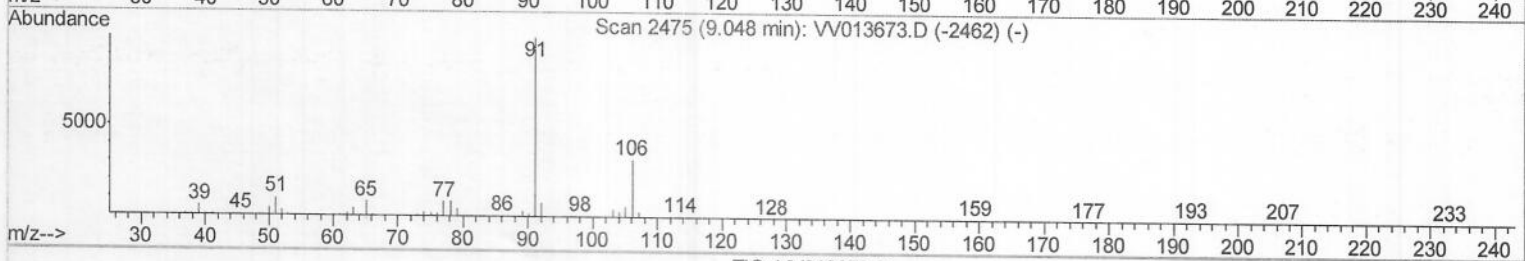
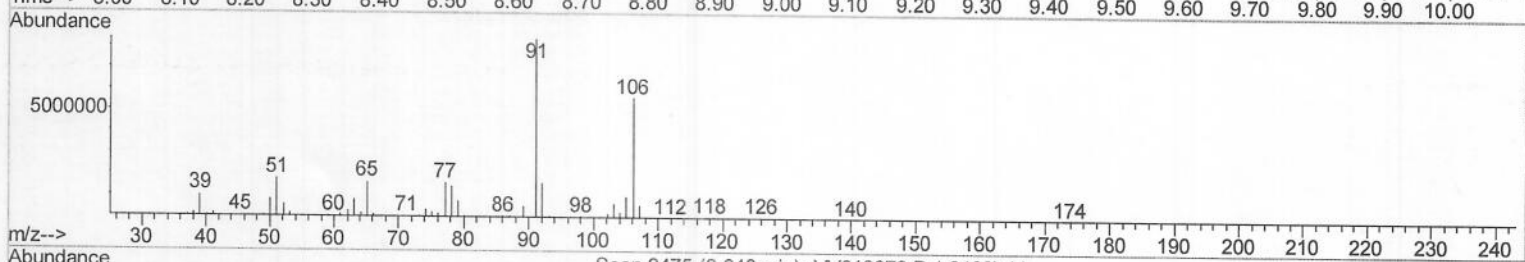
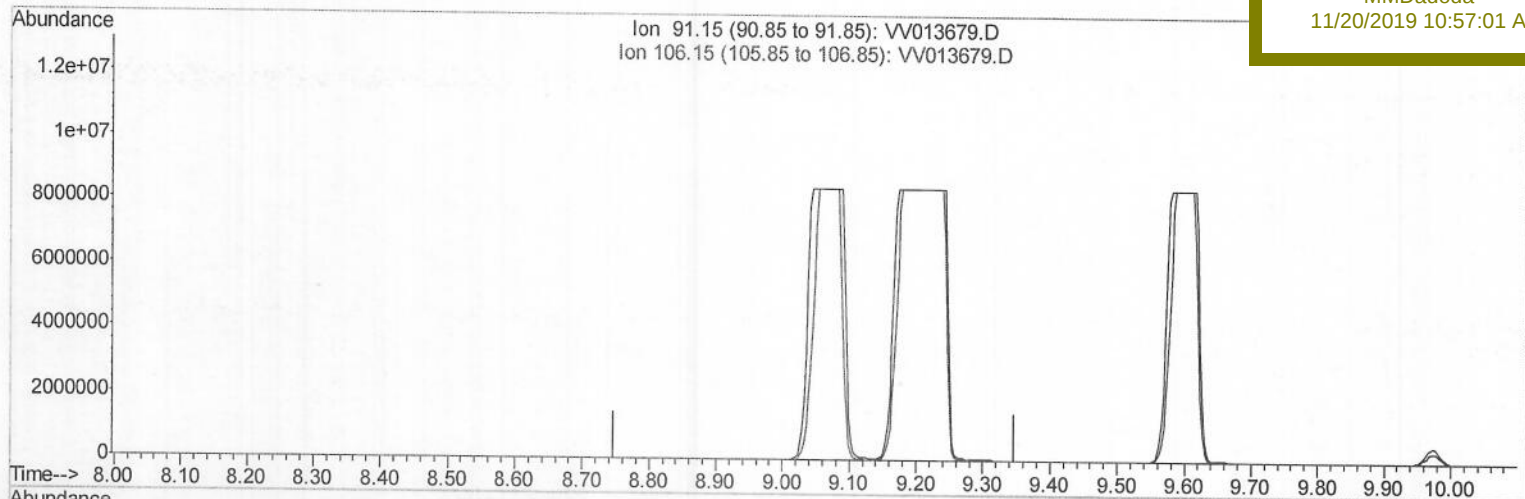
GAQK4

Manual Integrations

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11/20/2019 10:57:01 AM



(52) Ethylbenzene (T)

9.048min (-9.048) 0.00ug/L

response 0

Ion	Exp%	Act%
91.15	100	0.00
106.15	31.00	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111919\
Quantitation Report (Qedit)

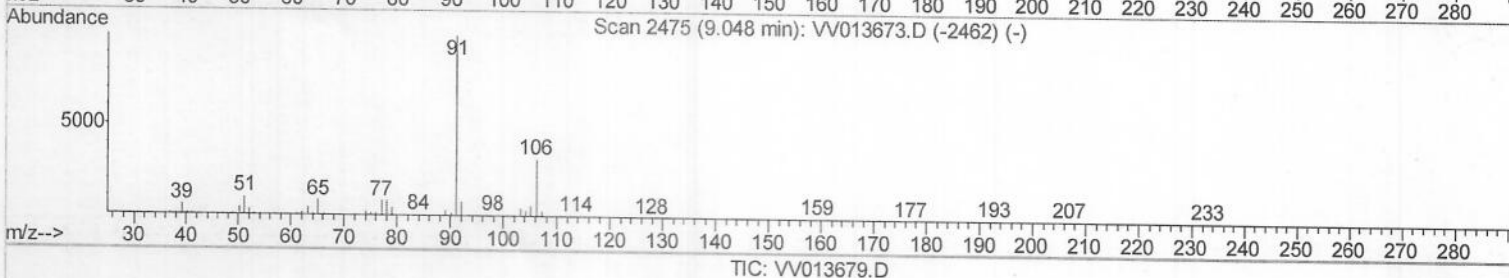
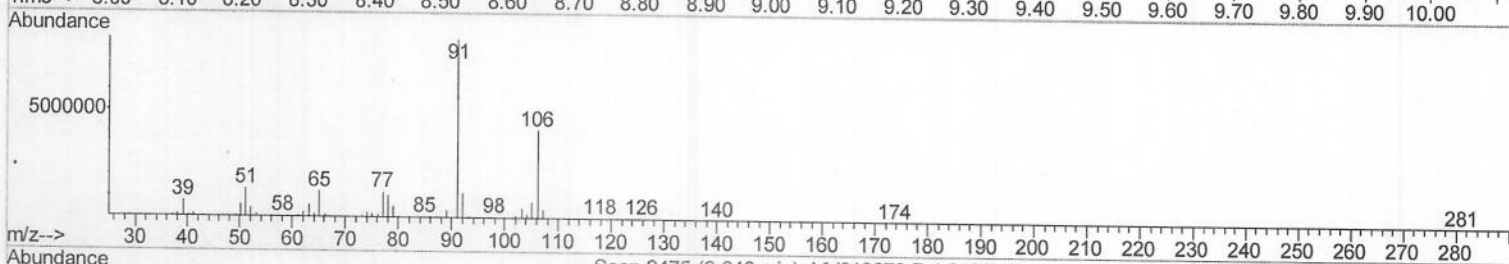
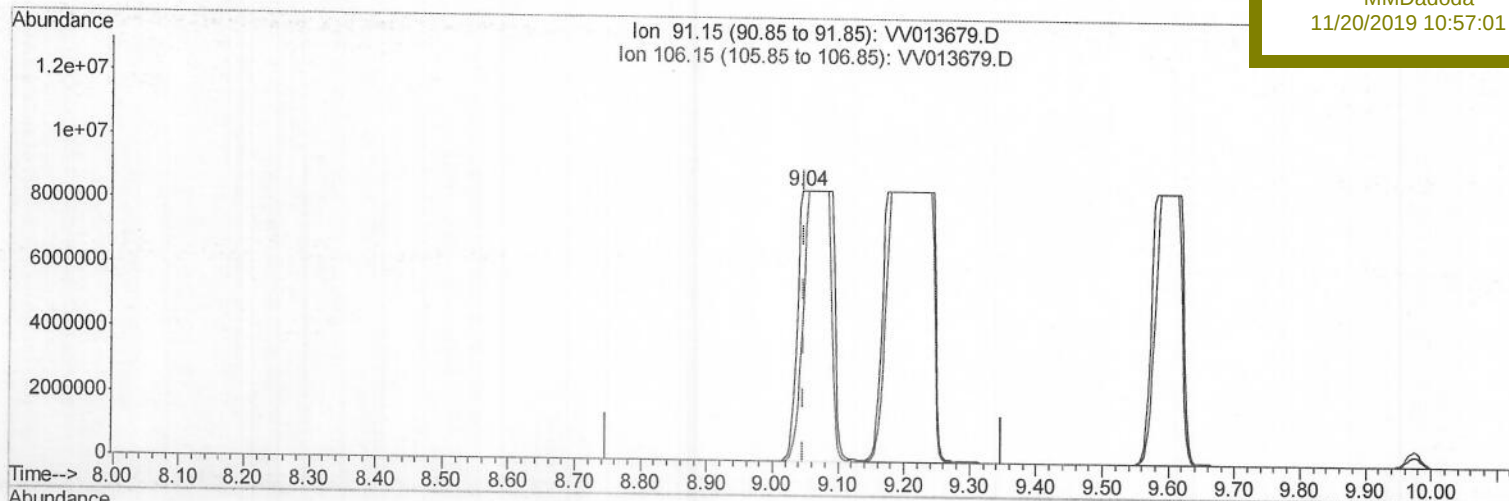
Data File : VV013679.D
Acq On : 19 Nov 2019 15:33
Operator : SY/MD
Sample : K5910-21
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 20 01:35:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 20 01:31:47 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
GAQK4

Manual Integrations
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11/20/2019 10:57:01 AM



TIC: VV013679.D

(52) Ethylbenzene (T)

9.045min (-0.003) 194.46ug/L m

response 30415353

Ion	Exp%	Act%
91.15	100	100
106.15	31.00	49.23#
0.00	0.00	0.00
0.00	0.00	0.00

7 MD
11/20/19

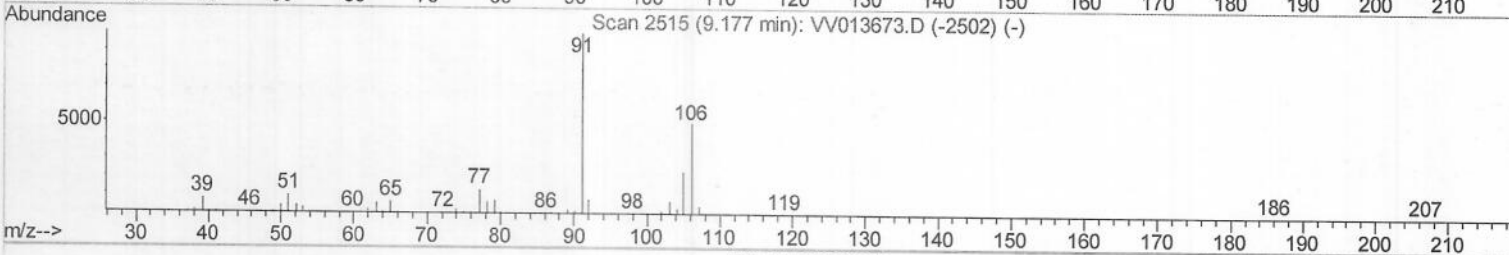
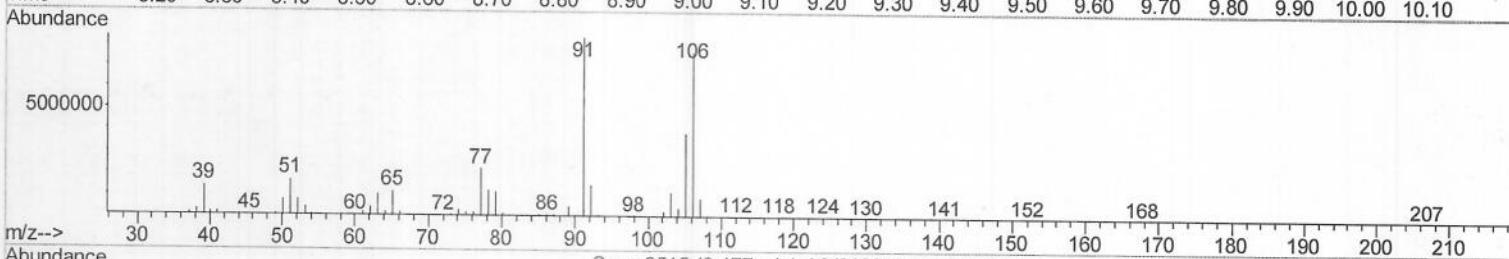
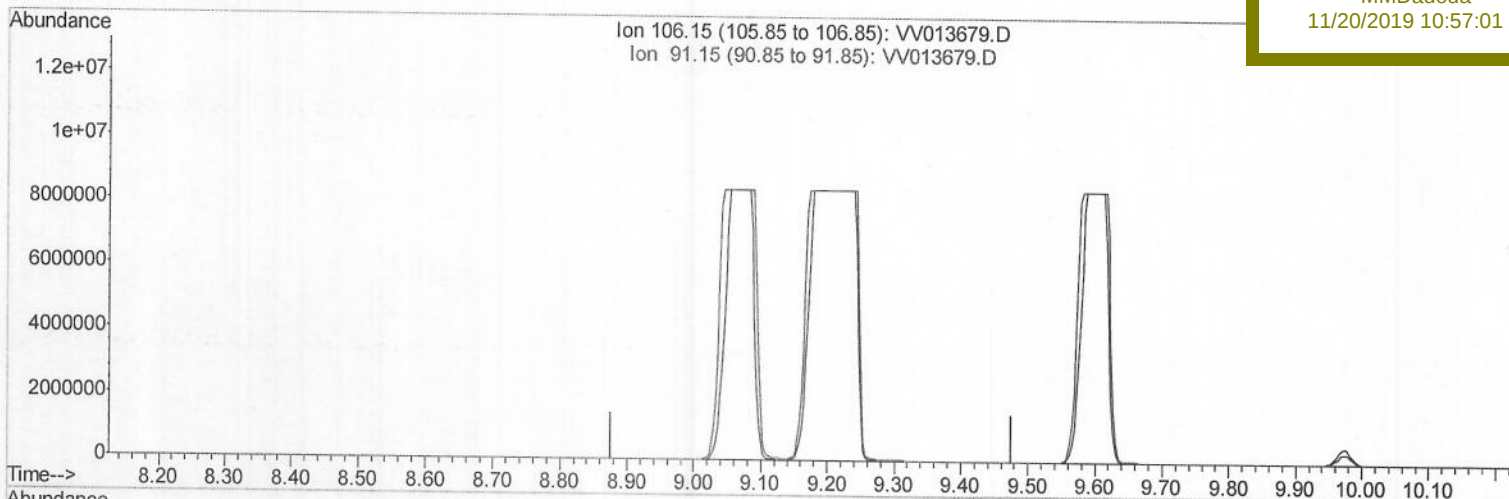
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Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

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Instrument :
MSVOA_V
ClientSampleId :
GAQK4

Manual Integrations
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11/20/2019 10:57:01 AM



TIC: VV013679.D

(53) m,p-xylene (T)

9.177min (-9.177) 0.00ug/L

response 0

Ion	Exp%	Act%
106.15	100	0.00
91.15	197.30	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

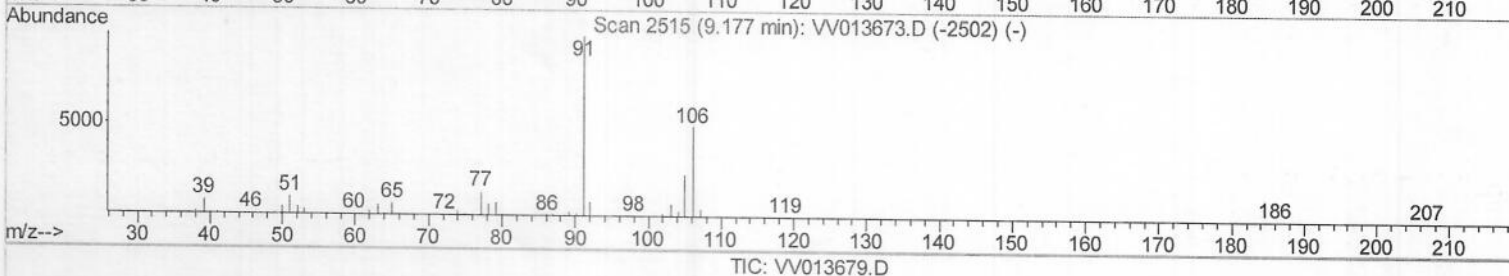
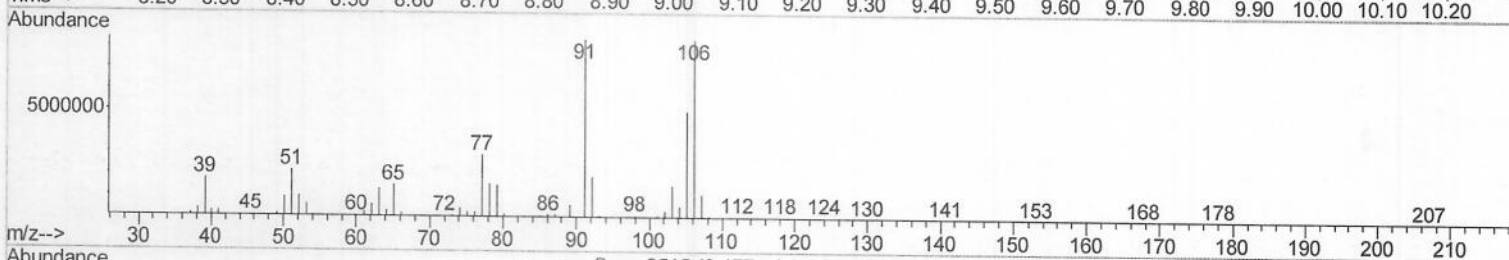
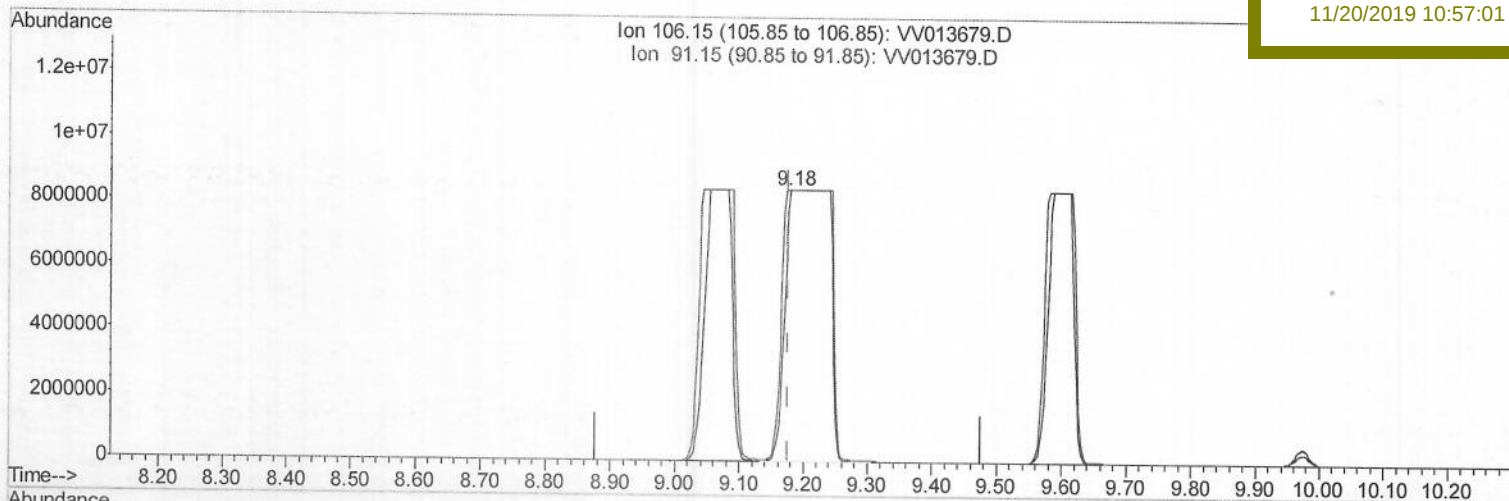
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Quant Time: Nov 20 01:35:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
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QLast Update : Wed Nov 20 01:31:47 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
GAQK4

Manual Integrations
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11/20/2019 10:57:01 AM



(53) m,p-xylene (T)

9.180min (+0.003) 666.88ug/L m

response 39340333

Ion Exp% Act%

106.15 100 100

91.15 197.30 100.00#

0.00 0.00 0.00

0.00 0.00 0.00

MD
11/28/19

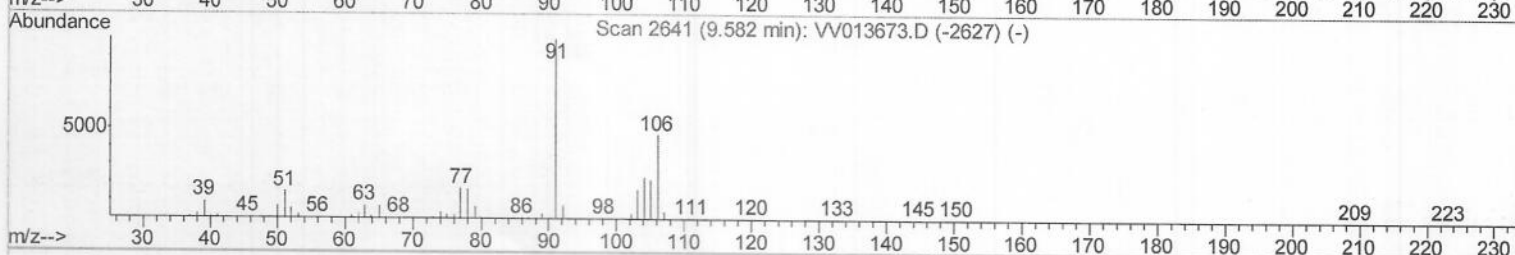
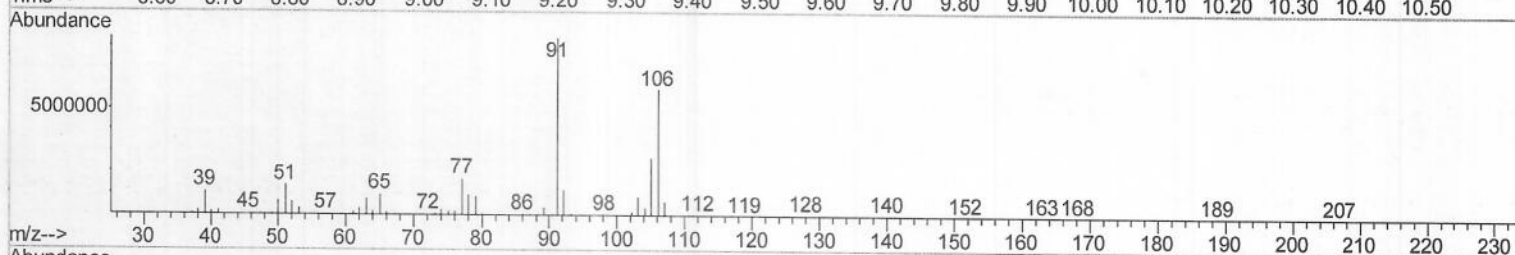
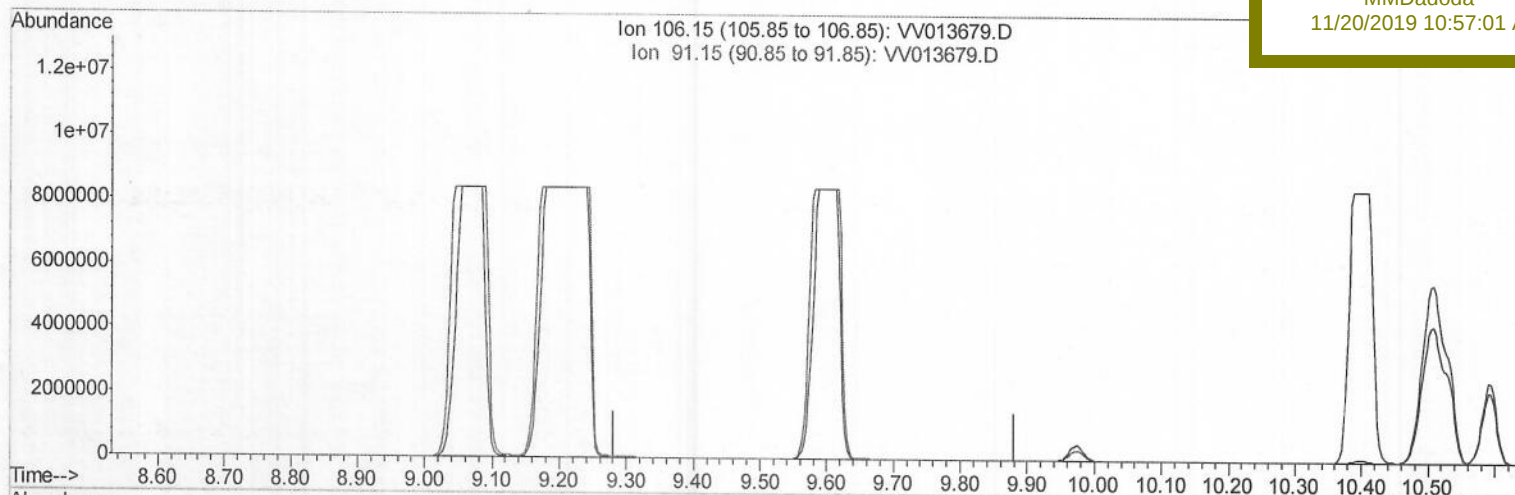
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MSVOA_V
ClientSampleId :
GAQK4

Manual Integrations
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11/20/2019 10:57:01 AM



TIC: VV013679.D

(54) o-xylene (T)

9.582min (-9.582) 0.00ug/L

response 0

Ion	Exp%	Act%
106.15	100	0.00
91.15	209.80	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

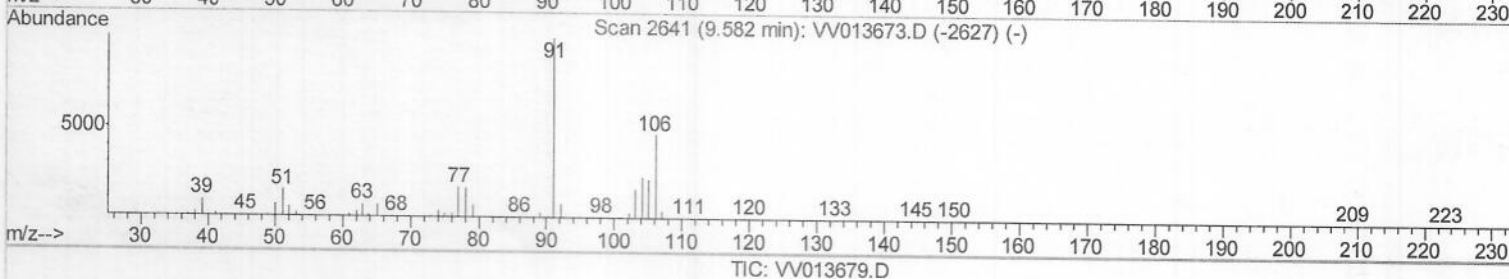
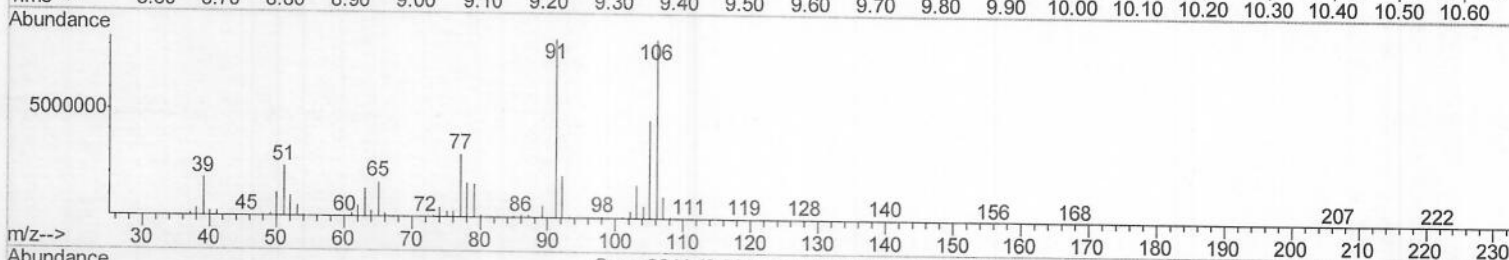
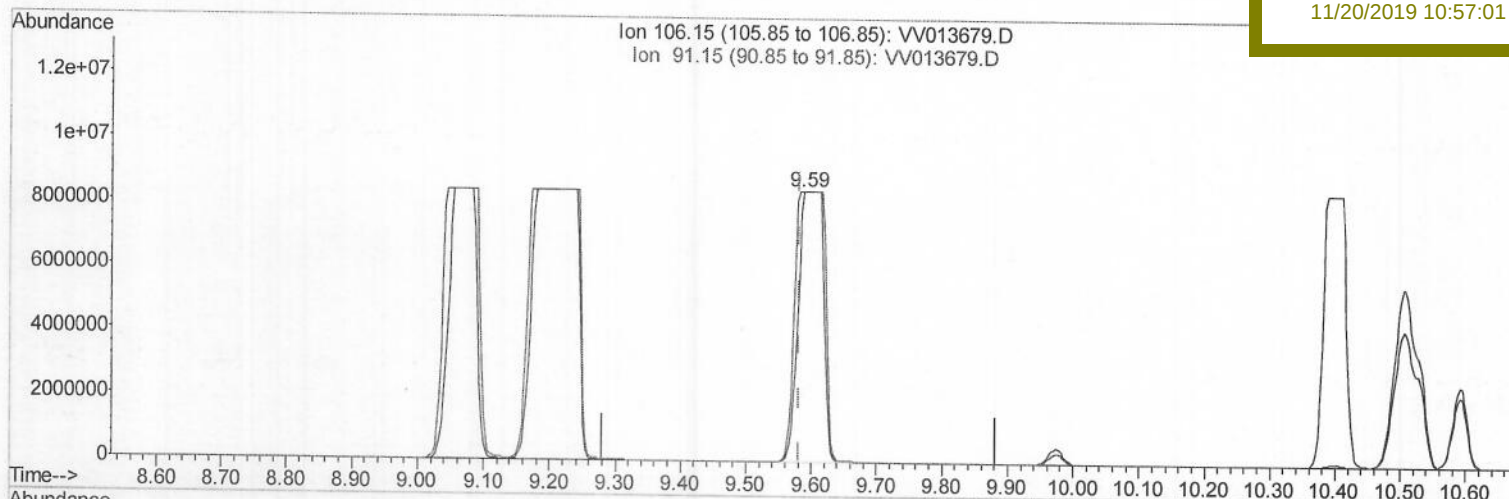
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ClientSampleId :
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Manual Integrations
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MMDadoda
11/20/2019 10:57:01 AM



TIC: VV013679.D

(54) o-xylene (T)

9.588min (+0.006) 389.13ug/L m

response 22078980

Ion	Exp%	Act%
106.15	100	100
91.15	209.80	100.00#
0.00	0.00	0.00
0.00	0.00	0.00

> MD
11/20/19

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Client Sampled :

GAQK4

Manual Integrations

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11/20/2019 10:57:01 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Difluorobenzene	5.66	114	495992	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	453769	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	264618	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	102611	3.35	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.00%
7) Chloroethane-d5	1.58	69	118545m	4.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.60%
11) 1,1-Dichloroethene-d2	2.13	63	171250	3.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.40%
20) 2-Butanone-d5	3.92	46	335162	47.30	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.60%
24) Chloroform-d	4.40	84	274764	4.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.20%
26) 1,2-Dichloroethane-d4	5.08	65	130601	4.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.20%
32) Benzene-d6	5.10	84	520310	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.20%
36) 1,2-Dichloropropane-d6	6.12	67	159668	4.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.40%
41) Toluene-d8	7.36	98	491212	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.60%
43) trans-1,3-Dichloropropene-	7.66	79	55689	3.87	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.40%
46) 2-Hexanone-d5	8.13	63	279768	51.39	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.78%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	123108	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	223856	4.40	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.00%

Target Compounds

					Qvalue
14) Carbon disulfide	2.32	76	8776	0.086	ug/L 96
30) Cyclohexane	4.73	56	12668533	232.162	ug/L # 95
33) Benzene	5.14	78	18064442	131.521	ug/L 100
35) Methylcyclohexane	6.18	83	3004390	53.578	ug/L 88
42) Toluene	7.42	91	30690338m	209.145	ug/L
52) Ethylbenzene	9.04	91	30415353m	194.458	ug/L
53) m,p-xylene	9.18	106	39340333m	666.879	ug/L
54) o-xylene	9.59	106	22078980m	389.128	ug/L
56) Isopropylbenzene	9.97	105	8093065	53.644	ug/L 98

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