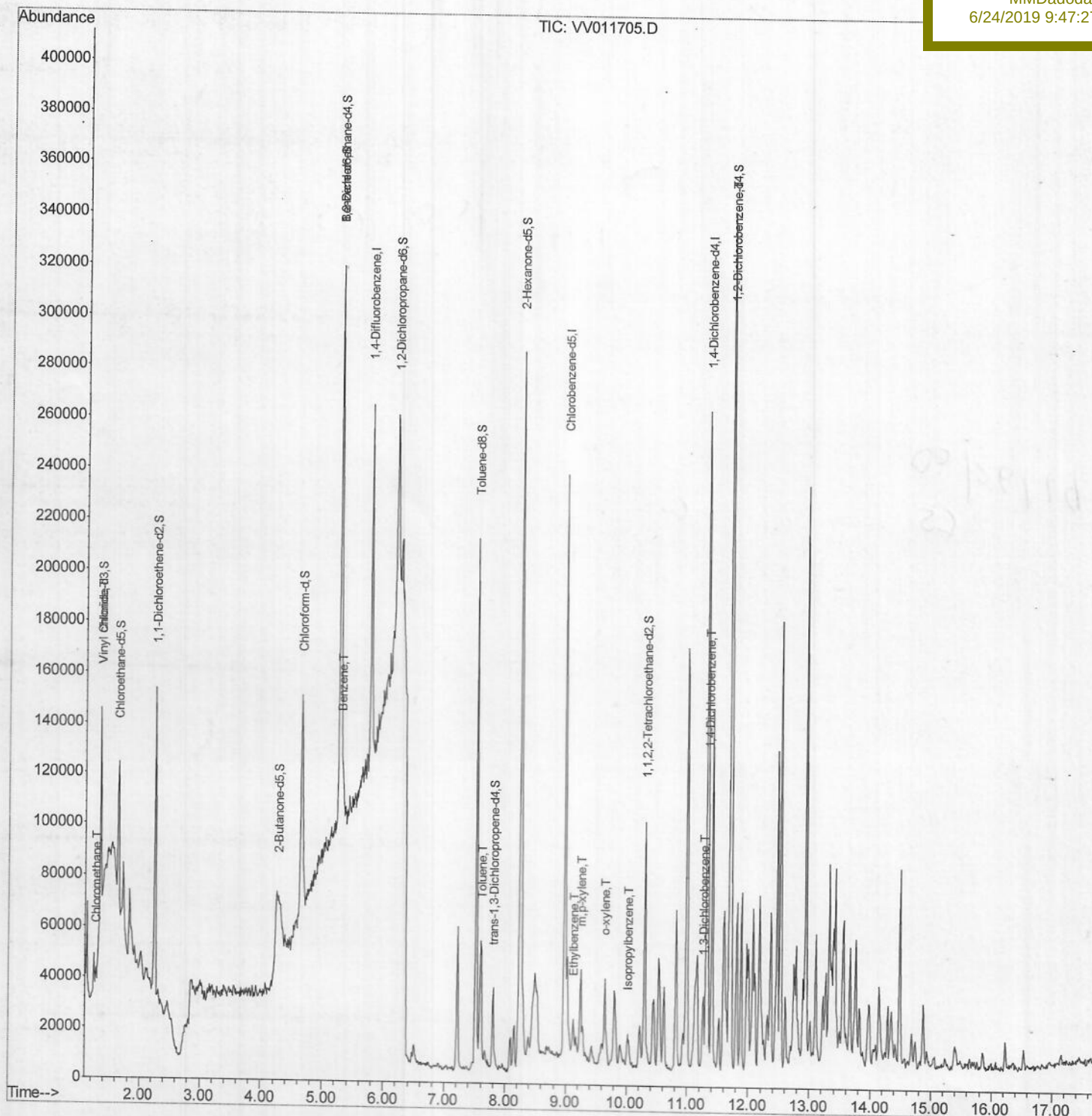


Data File : VV011705.D
Acq On : 22 Jun 2019 00:53
Operator : SY/MD
Sample : K3462-10
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFCP6

MMDadoda
6/24/2019 9:47:27 AM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062219\
Quantitation Report (Qedit)

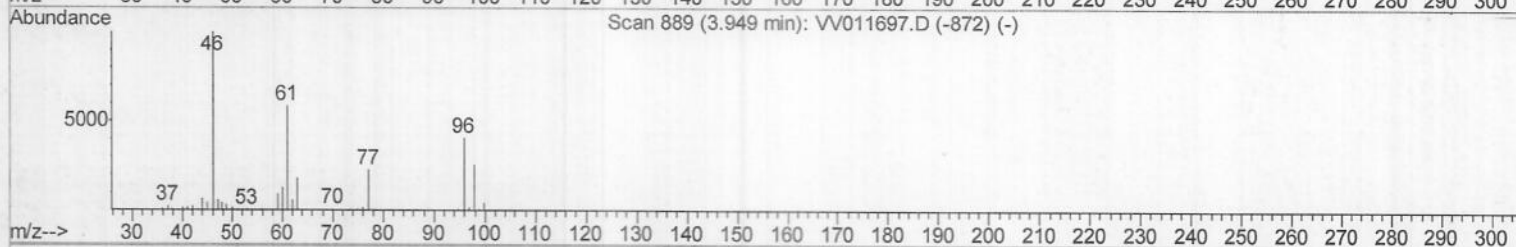
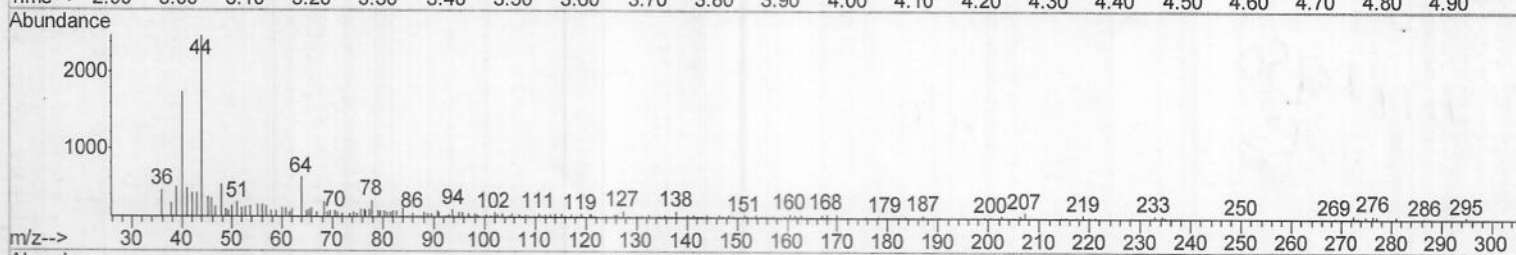
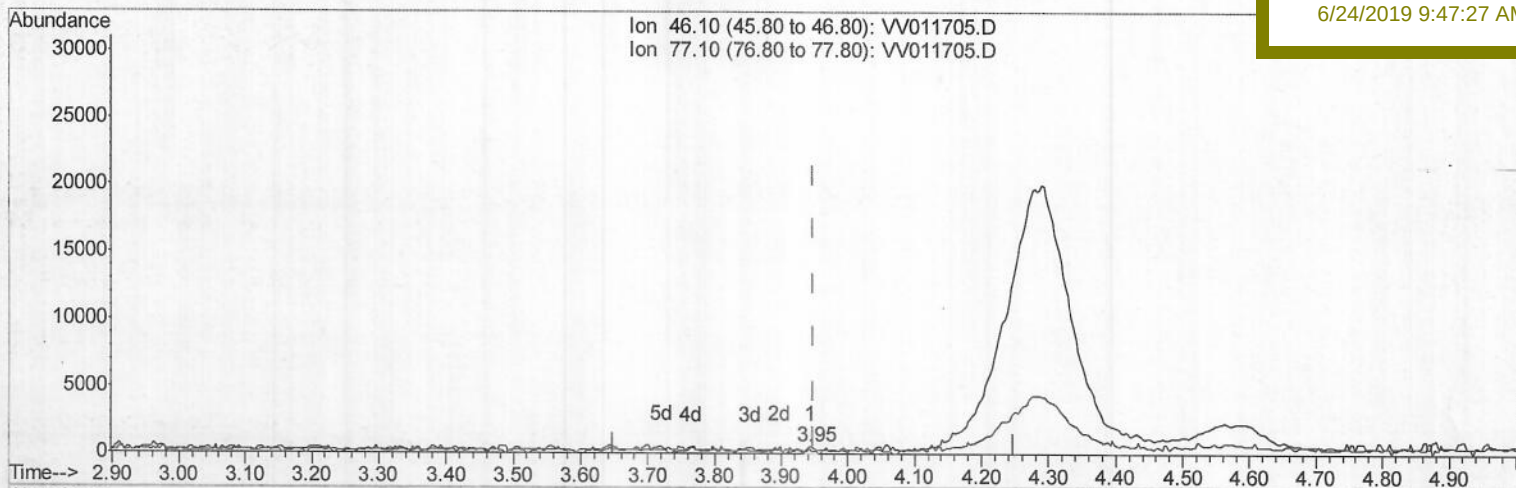
Data File : VV011705.D
Acq On : 22 Jun 2019 00:53
Operator : SY/MD
Sample : K3462-10
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

Quant Time: Jun 24 05:48:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jun 24 05:42:24 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
BFCP6

Manual Integrations
APPROVED

MMDadoda
6/24/2019 9:47:27 AM



TIC: VV011705.D

(20) 2-Butanone-d5 (S)

3.946min (-0.003) 0.24ug/L

response 442

Ion	Exp%	Act%
46.10	100	100
77.10	21.30	22.62
0.00	0.00	0.00
0.00	0.00	0.00

Data File : VV011705.D

Acq On : 22 Jun 2019 00:53

Operator : SY/MD

Sample : K3462-10

Misc : 25ML/MSVOA_V/WATER

ALS Vial : 36 Sample Multiplier: 1

Quant Time: Jun 24 05:48:30 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062119WMA.M

Quant Title : TRACE VOA SOM01.0

QLast Update : Mon Jun 24 05:42:24 2019

Response via : Initial Calibration

Instrument :

MSVOA_V

ClientSampleId :

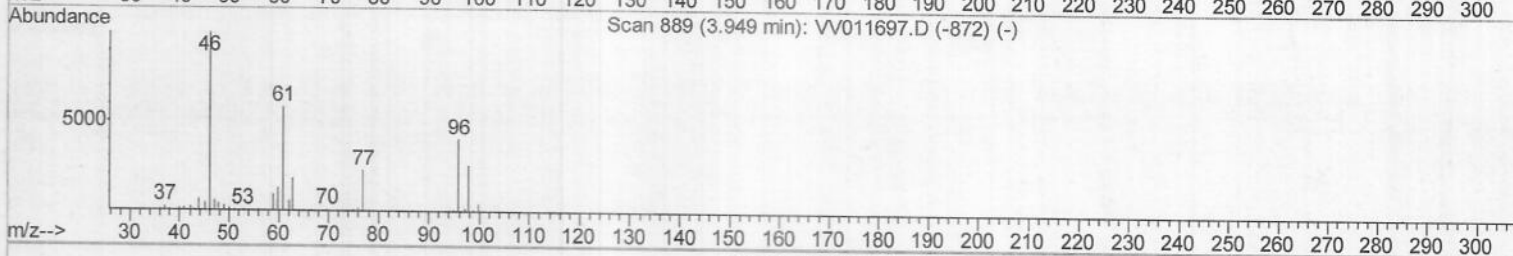
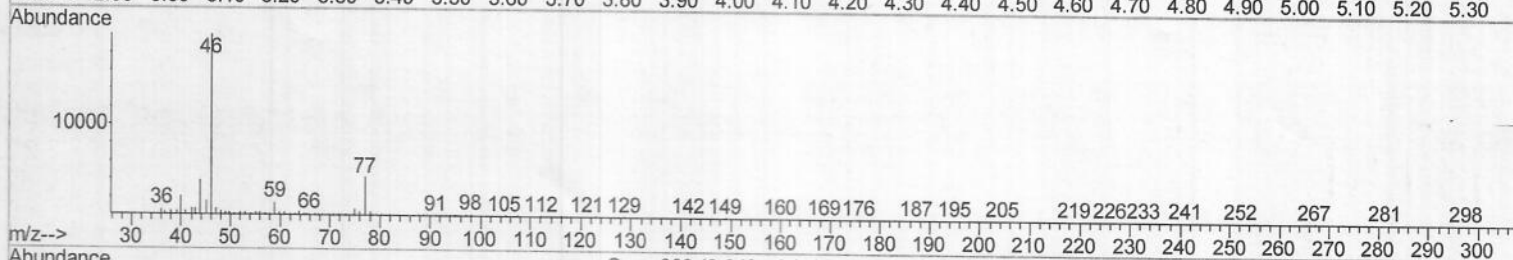
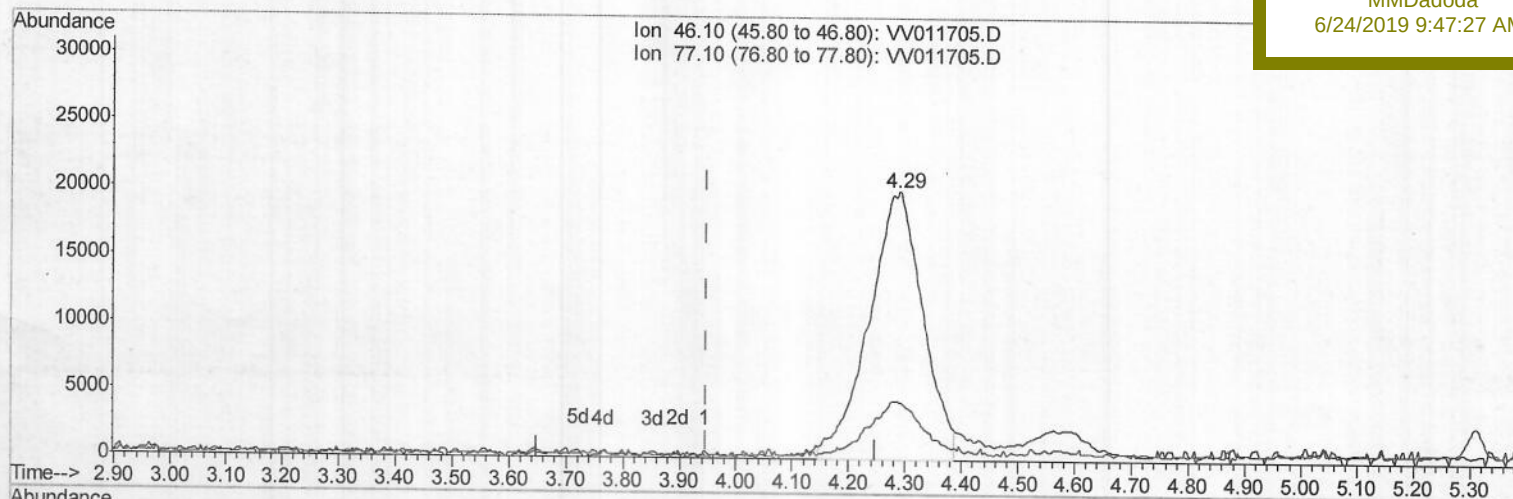
BFCP6

Manual Integrations

APPROVED

MMDadoda

6/24/2019 9:47:27 AM



TIC: VV011705.D

(20) 2-Butanone-d5 (S)

4.290min (+0.341) 72.72ug/L m

response 133769

Ion	Exp%	Act%
46.10	100	100
77.10	21.30	0.07#
0.00	0.00	0.00
0.00	0.00	0.00

54
6/28/19

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062219\
Quantitation Report (Qedit)

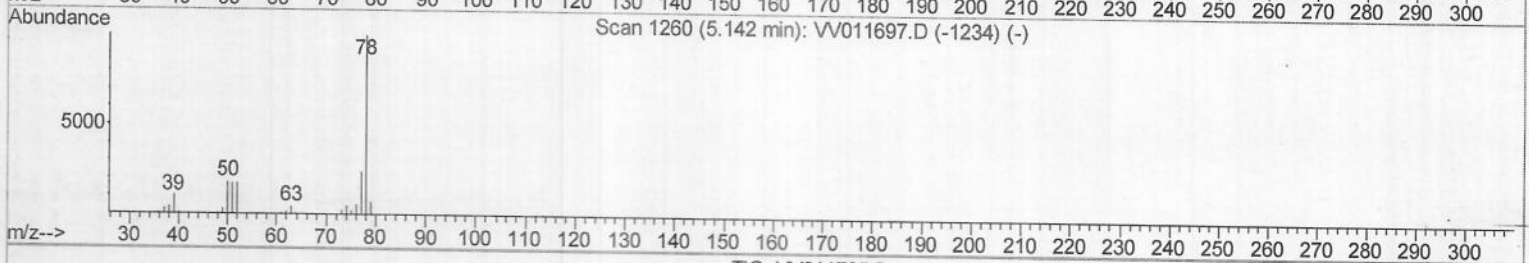
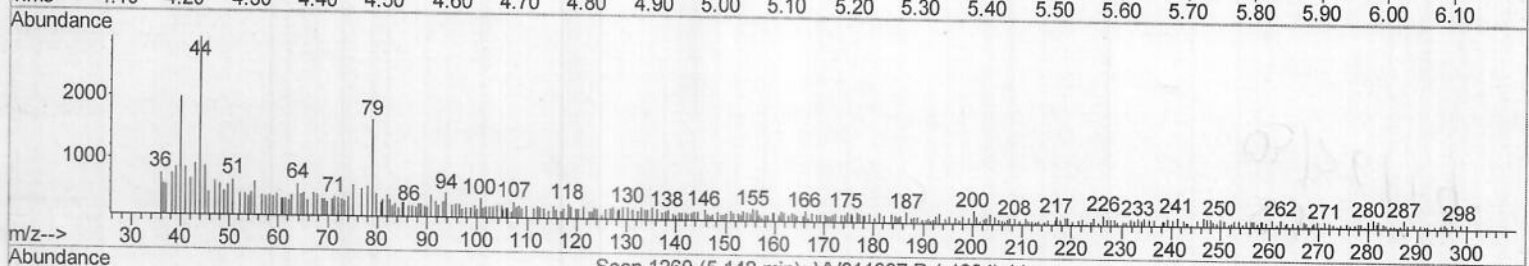
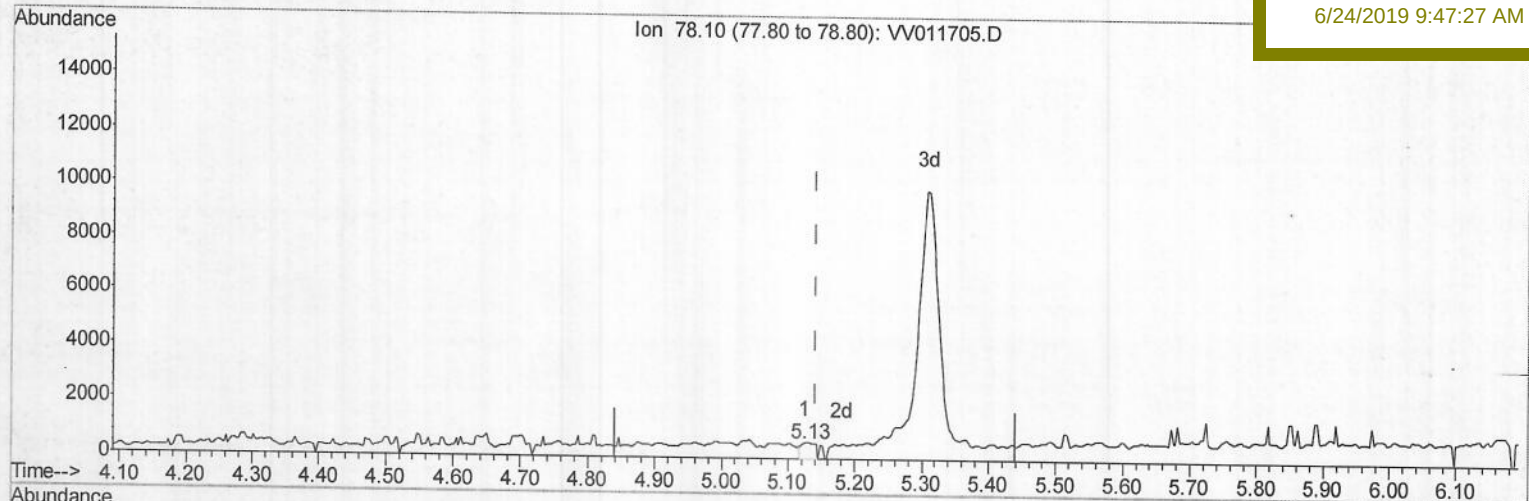
Data File : VV011705.D
Acq On : 22 Jun 2019 00:53
Operator : SY/MD
Sample : K3462-10
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

Quant Time: Jun 24 05:48:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jun 24 05:42:24 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
BFCP6

Manual Integrations
APPROVED

MMDadoda
6/24/2019 9:47:27 AM



TIC: VV011705.D

(33) Benzene (T)

5.126min (-0.016) 0.02ug/L

response 844

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

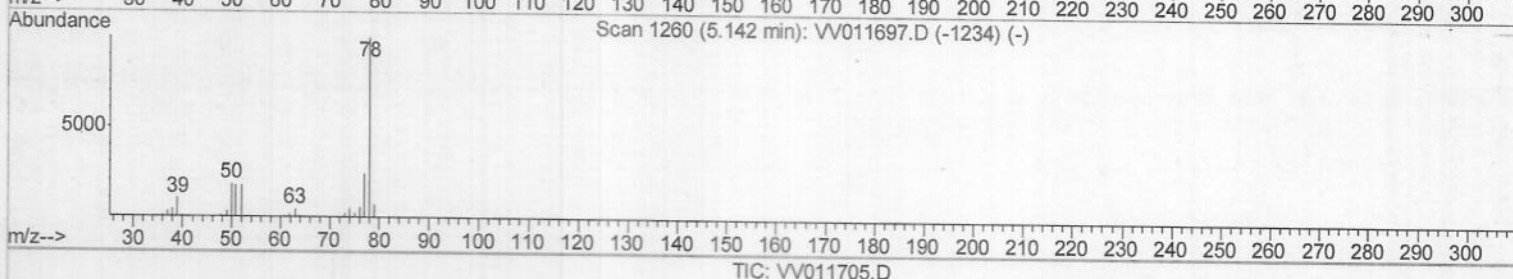
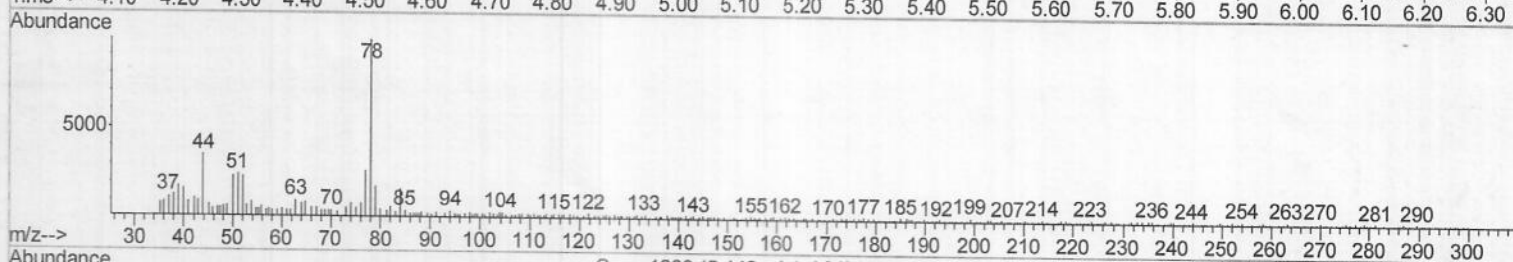
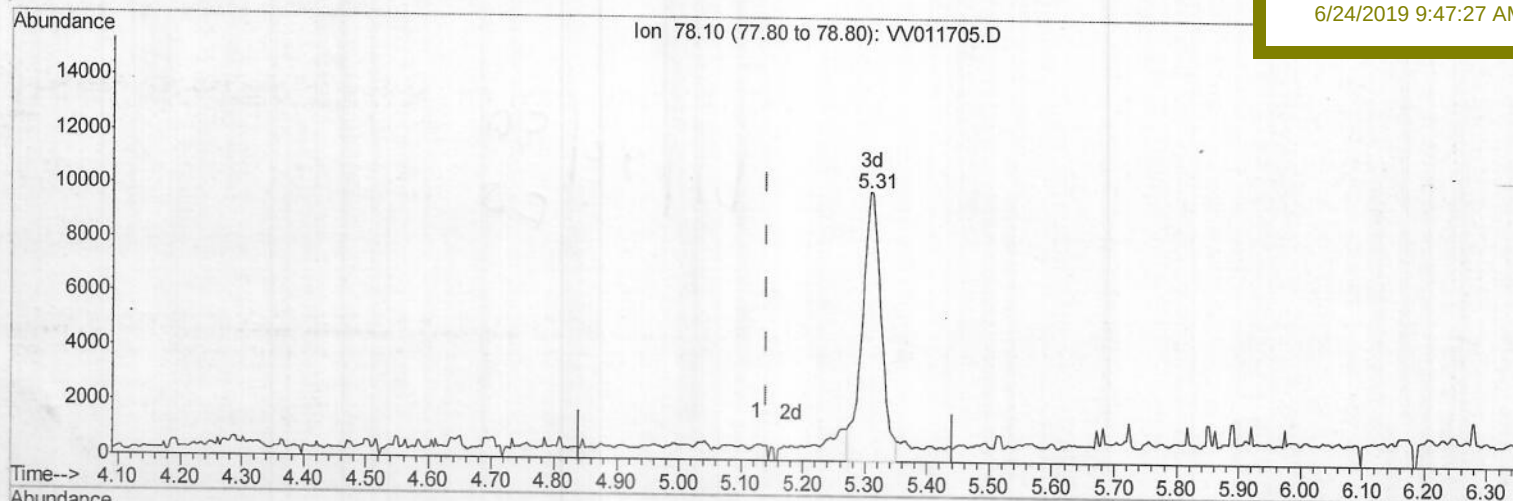
Data File : VV011705.D
Acq On : 22 Jun 2019 00:53
Operator : SY/MD
Sample : K3462-10
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

Quant Time: Jun 24 05:48:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jun 24 05:42:24 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
BFCP6

Manual Integrations
APPROVED

MMDadoda
6/24/2019 9:47:27 AM



(33) Benzene (T)

5.309min (+0.167) 0.55ug/L m

response 20984

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

SY
6/28/19

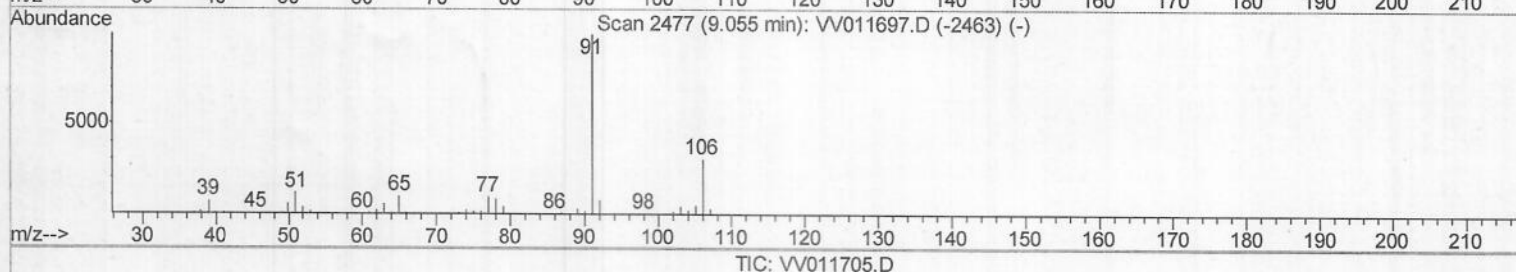
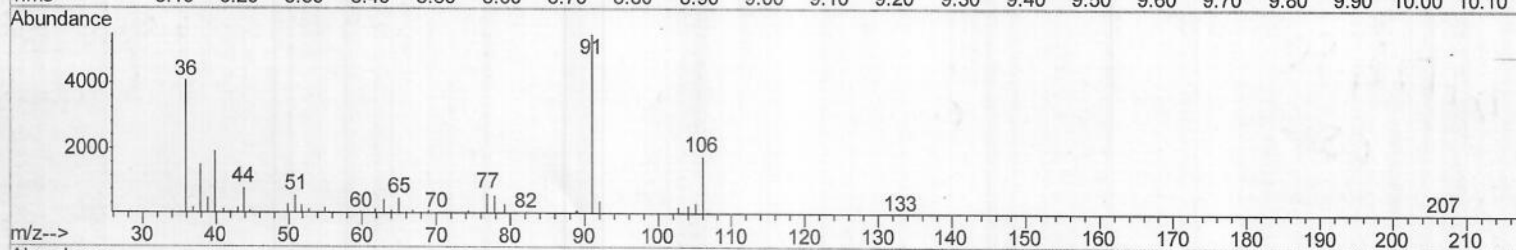
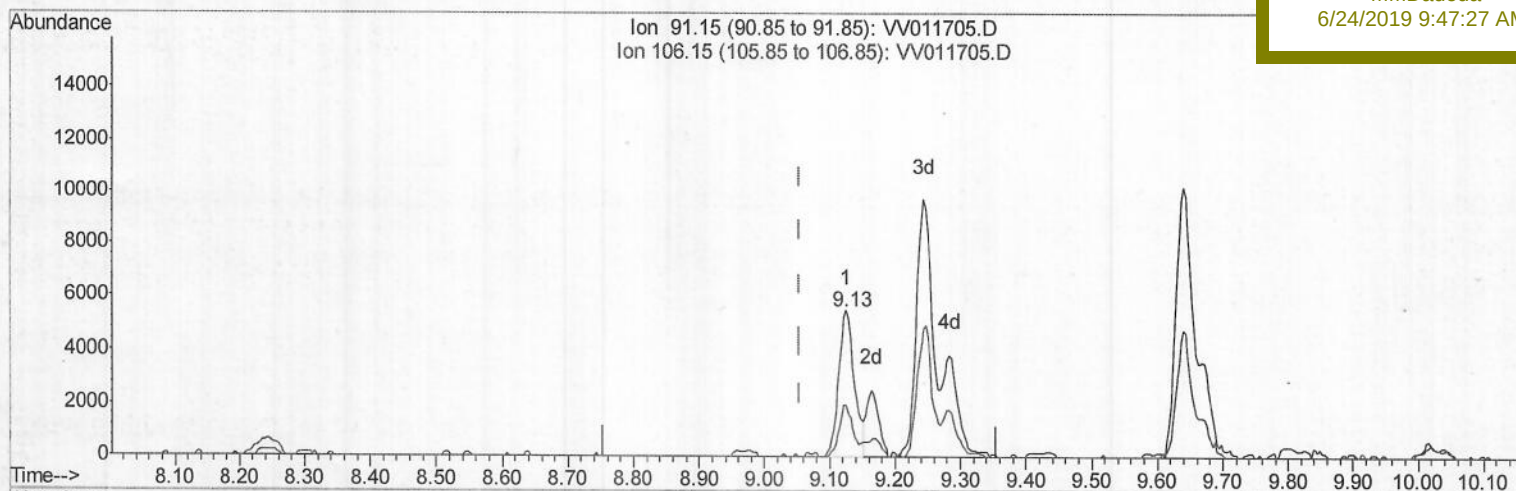
Data File : VV011705.D
Acq On : 22 Jun 2019 00:53
Operator : SY/MD
Sample : K3462-10
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

Quant Time: Jun 24 05:48:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jun 24 05:42:24 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
BFCP6

Manual Integrations
APPROVED

MMDadoda
6/24/2019 9:47:27 AM



(52) Ethylbenzene (T)

9.125min (+0.071) 0.21ug/L

response 9098

Ion	Exp%	Act%
91.15	100	100
106.15	29.60	35.63
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062219\
Quantitation Report (Qedit)

Data File : VV011705.D

Acq On : 22 Jun 2019 00:53

Operator : SY/MD

Sample : K3462-10

Misc : 25ML/MSVOA_V/WATER

ALS Vial : 36 Sample Multiplier: 1

Quant Time: Jun 24 05:48:30 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062119WMA.M

Quant Title : TRACE VOA SOM01.0

QLast Update : Mon Jun 24 05:42:24 2019

Response via : Initial Calibration

Instrument :

MSVOA_V

ClientSampleId :

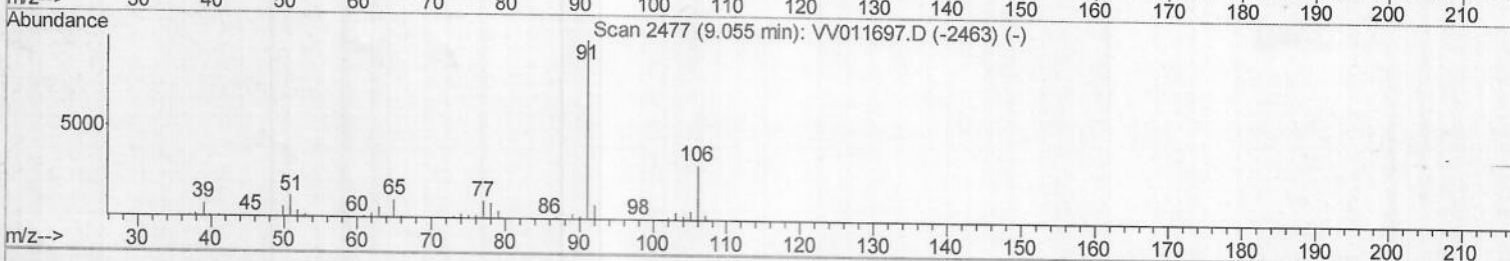
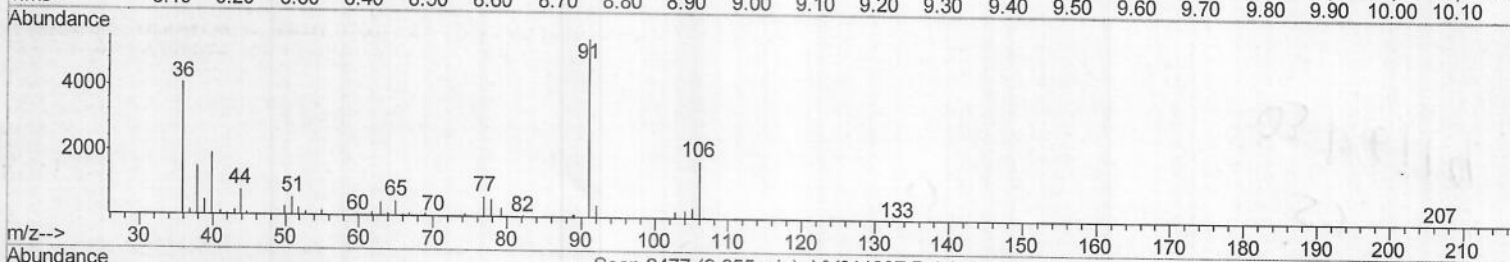
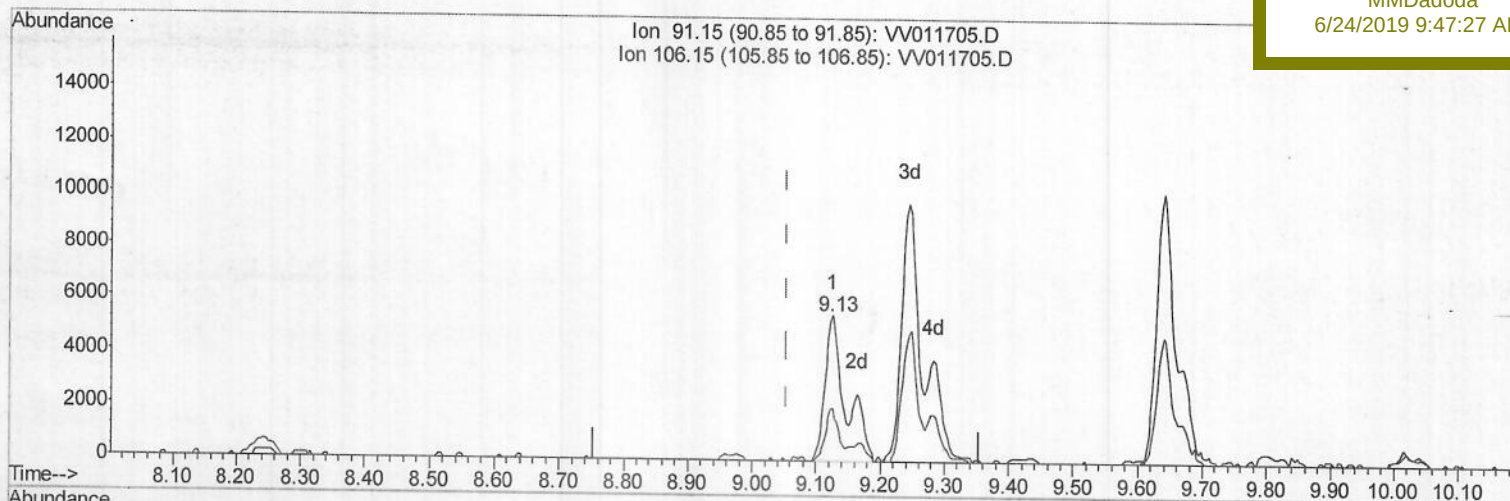
BFCP6

Manual Integrations

APPROVED

MMDadoda

6/24/2019 9:47:27 AM



TIC: VV011705.D

(52) Ethylbenzene (T)

9.125min (+0.071) 0.28ug/L m

response 12387

Ion	Exp%	Act%
91.15	100	100
106.15	29.60	33.02
0.00	0.00	0.00
0.00	0.00	0.00

57
6/28/19

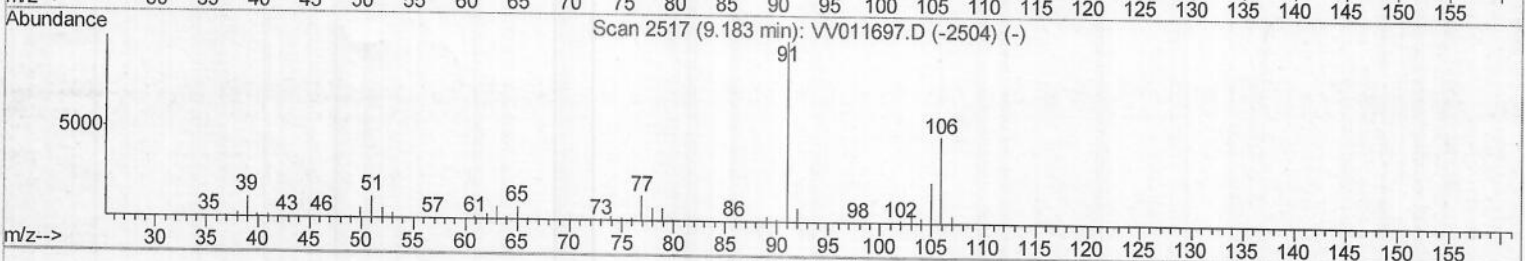
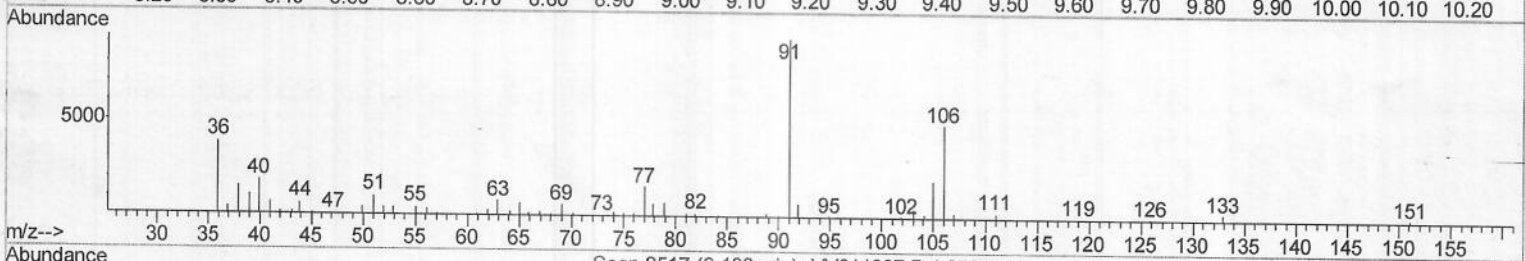
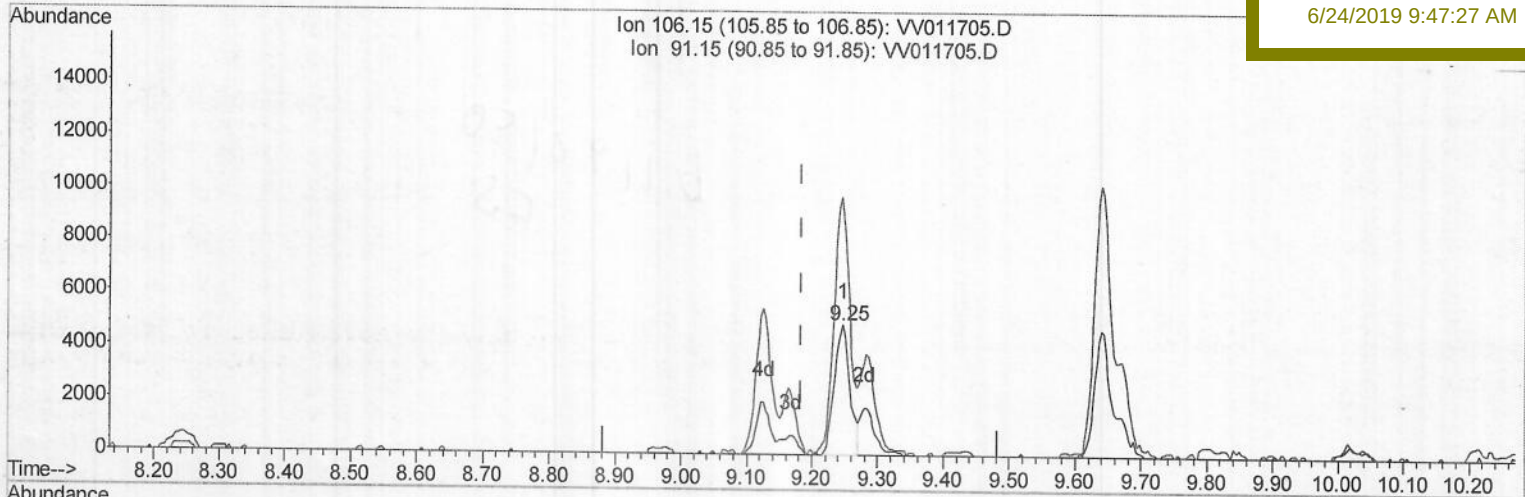
Data File : VV011705.D
Acq On : 22 Jun 2019 00:53
Operator : SY/MD
Sample : K3462-10
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

Quant Time: Jun 24 05:48:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jun 24 05:42:24 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
BFCP6

Manual Integrations
APPROVED

MMDadoda
6/24/2019 9:47:27 AM



TIC: VV011705.D

(53) m,p-xylene (T)

9.248min (+0.064) 0.50ug/L

response 8046

Ion	Exp%	Act%
106.15	100	100
91.15	207.00	190.69
0.00	0.00	0.00
0.00	0.00	0.00

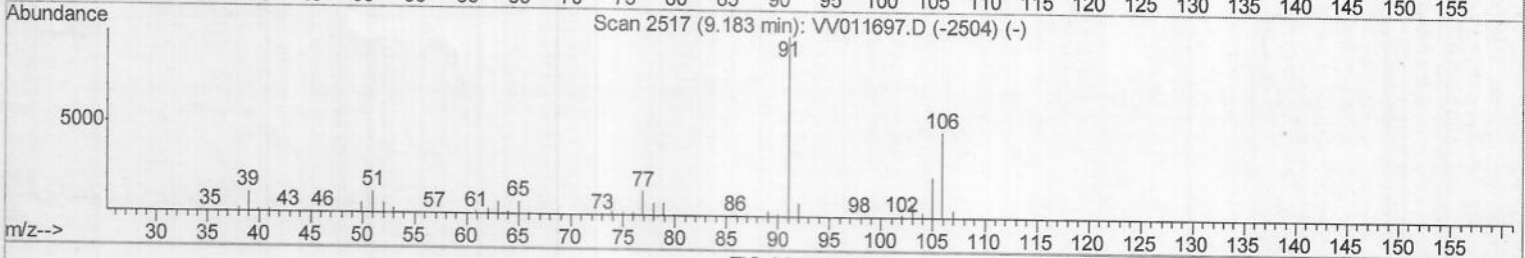
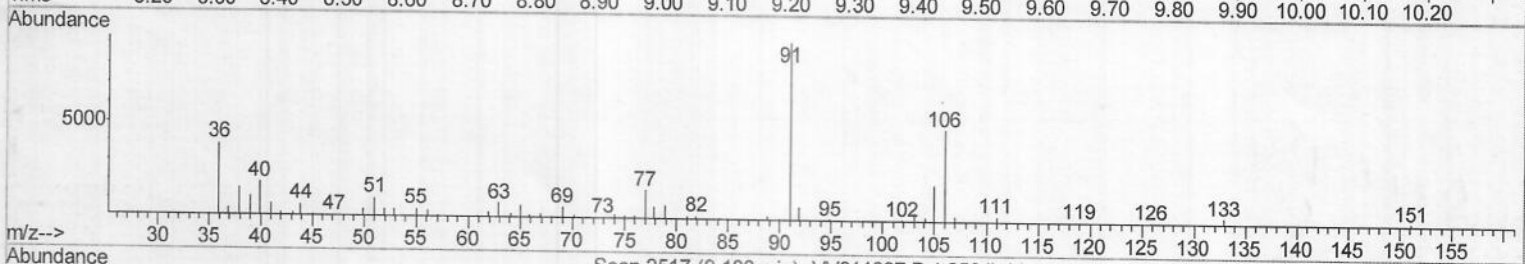
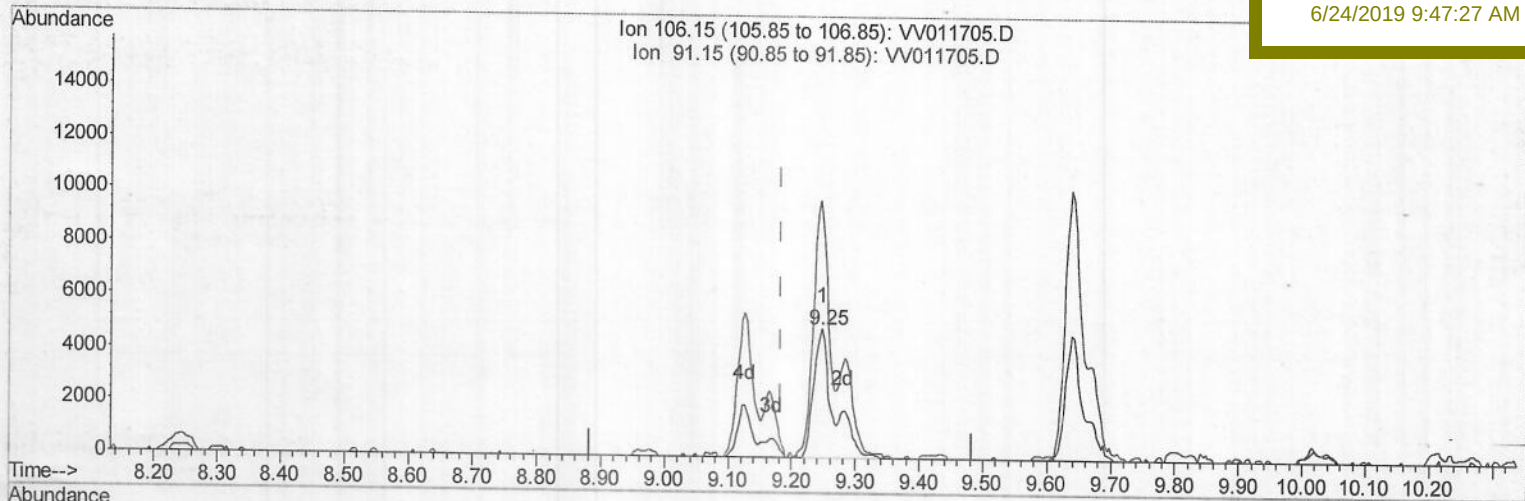
Data File : VV011705.D
Acq On : 22 Jun 2019 00:53
Operator : SY/MD
Sample : K3462-10
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

Quant Time: Jun 24 05:48:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jun 24 05:42:24 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
BFCP6

Manual Integrations
APPROVED

MMDadoda
6/24/2019 9:47:27 AM



TIC: VV011705.D

(53) m,p-xylene (T)

9.248min (+0.064) 0.67ug/L m

response 10797

Ion	Exp%	Act%
106.15	100	100
91.15	207.00	190.69
0.00	0.00	0.00
0.00	0.00	0.00

SP
6/28/19

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062219\

Quantitation Report (QT Reviewed)

Data File : VV011705.D

Acq On : 22 Jun 2019 00:53

Operator : SY/MD

Sample : K3462-10

Misc : 25ML/MSVOA_V/WATER

ALS Vial : 36 Sample Multiplier: 1

Instrument :

MSVOA_V

Client Sampled :

BFCP6

Quant Time: Jun 24 06:39:26 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062119WMA.M

Quant Title : TRACE VOA SOM01.0

QLast Update : Mon Jun 24 05:42:24 2019

Response via : Initial Calibration

Manual Integrations

APPROVED

MMDadoda

6/24/2019 9:47:27 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Difluorobenzene	5.77	114	105218	5.00	ug/L	0.11
28) Chlorobenzene-d5	8.97	117	114166	5.00	ug/L	0.08
60) 1,4-Dichlorobenzene-d4	11.32	152	62119	5.00	ug/L	0.02

System Monitoring Compounds

4) Vinyl Chloride-d3	1.34	65	42559	6.09	ug/L	0.03
Spiked Amount 5.000	Range 40 - 130		Recovery =	121.80%		
7) Chloroethane-d5	1.64	69	29245	5.96	ug/L	0.07
Spiked Amount 5.000	Range 65 - 130		Recovery =	119.20%		
11) 1,1-Dichloroethene-d2	2.25	63	65026	4.58	ug/L	0.13
Spiked Amount 5.000	Range 60 - 125		Recovery =	91.60%		
20) 2-Butanone-d5	4.29	46	133769m	72.72	ug/L	0.34
Spiked Amount 50.000	Range 40 - 130		Recovery =	145.44%#		
24) Chloroform-d	4.65	84	72930	5.72	ug/L	0.25
Spiked Amount 5.000	Range 70 - 125		Recovery =	114.40%		
26) 1,2-Dichloroethane-d4	5.26	65	47753	6.24	ug/L	0.18
Spiked Amount 5.000	Range 70 - 130		Recovery =	124.80%		
32) Benzene-d6	5.27	84	149185	4.69	ug/L	0.17
Spiked Amount 5.000	Range 70 - 125		Recovery =	93.80%		
36) 1,2-Dichloropropane-d6	6.19	67	39404	4.02	ug/L	0.07
Spiked Amount 5.000	Range 60 - 140		Recovery =	80.40%		
41) Toluene-d8	7.52	98	128410	4.46	ug/L	0.16
Spiked Amount 5.000	Range 70 - 130		Recovery =	89.20%		
43) trans-1,3-Dichloropropene-	7.80	79	15955	4.66	ug/L	0.13
Spiked Amount 5.000	Range 55 - 130		Recovery =	93.20%		
46) 2-Hexanone-d5	8.24	63	107152	66.62	ug/L	0.11
Spiked Amount 50.000	Range 45 - 130		Recovery =	133.24%#		
57) 1,1,2,2-Tetrachloroethane-	10.30	84	43757	6.41	ug/L	0.04
Spiked Amount 5.000	Range 65 - 120		Recovery =	128.20%#		
64) 1,2-Dichlorobenzene-d4	11.69	152	60527	5.16	ug/L	0.02
Spiked Amount 5.000	Range 80 - 120		Recovery =	103.20%		

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.27	50	3908	0.394	ug/L	95
5) Vinyl chloride	1.35	62	5655	0.581	ug/L #	1
33) Benzene	5.31	78	20984m	0.554	ug/L	99
42) Toluene	7.59	91	17843	0.451	ug/L	
52) Ethylbenzene	9.13	91	12387m	0.284	ug/L	
53) m,p-xylene	9.25	106	10797m	0.674	ug/L	
54) o-xylene	9.64	106	9250	0.590	ug/L	96
56) Isopropylbenzene	10.02	105	10212	0.243	ug/L #	83
62) 1,3-Dichlorobenzene	11.25	146	2281	0.109	ug/L	87
63) 1,4-Dichlorobenzene	11.34	146	7284	0.337	ug/L	97
65) 1,2-Dichlorobenzene	11.71	146	57185	2.865	ug/L	96

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