

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111919\
 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

Instrument :
 MSVOA_V
 ClientSampleId :
 GAQK4

Manual Integrations
 APPROVED

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

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

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					Ovalue
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

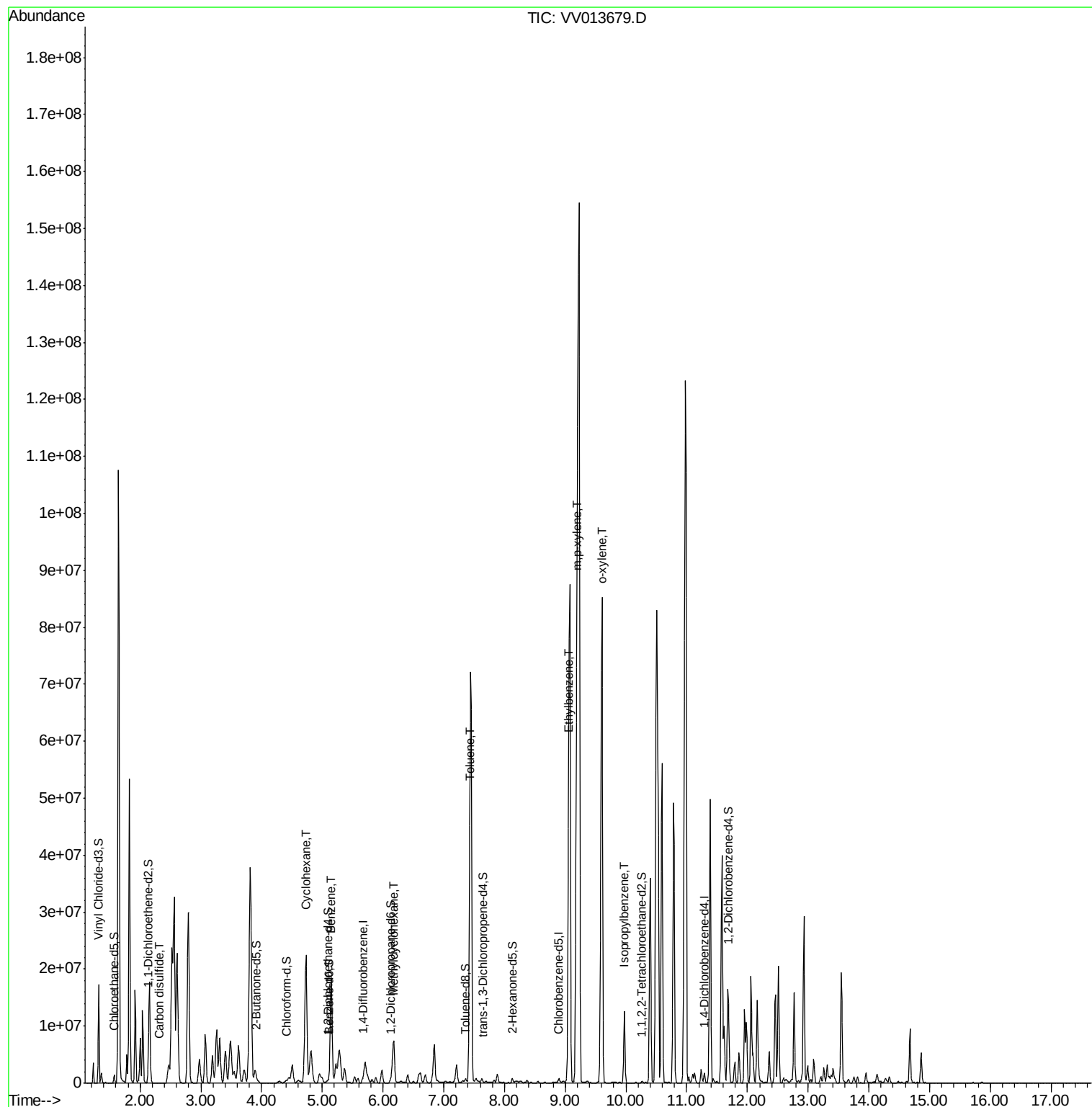
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV111919\
Data File : VV013679.D
Acq On : 19 Nov 2019 15:33
Operator : SY/MD
Sample : K5910-21
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 9 Sample Multiplier: 1

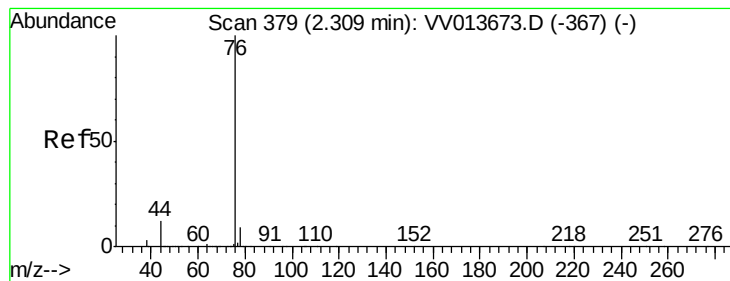
Instrument :
MSVOA_V
ClientSampleId :
GAQK4

Manual Integrations
APPROVED

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

Quant Time: Nov 20 03:06:54 2019
Quant Method : Z:\V0ASRV\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





#14

Carbon disulfide

Concen: 0.086 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.01 min

Lab File: VV013679.D

Acq: 19 Nov 2019 15:33

Instrument :

MSVOA_V

ClientSampleId :

GAQK4

Tot Ion: 76 Resp: 8776

Ion Ratio Lower Upper

76 100

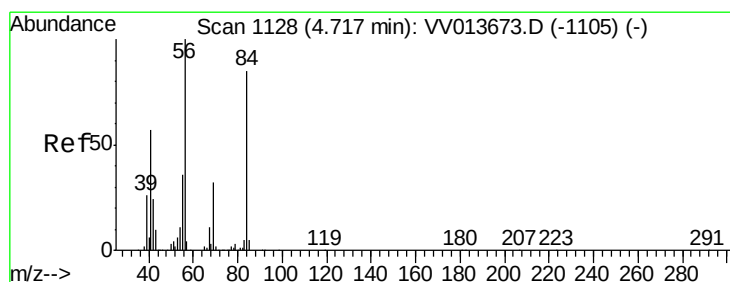
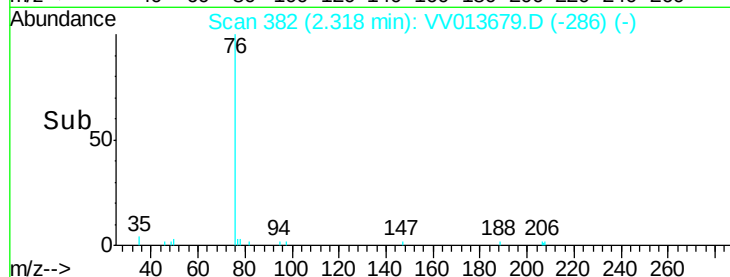
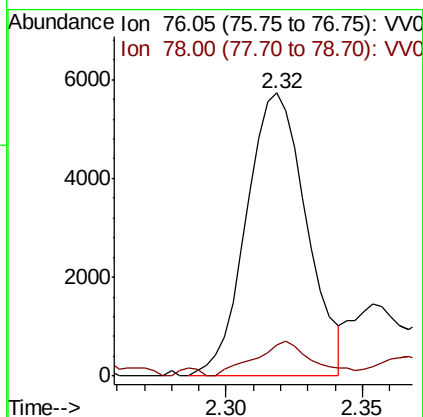
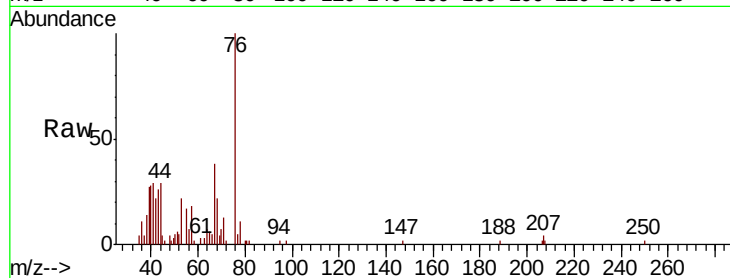
78 10.9 7.4 11.2

Manual Integrations

APPROVED

MMDadoda

11/20/2019 10:57:01 AM



#30

Cyclohexane

Concen: 232.162 ug/L

RT: 4.73 min Scan# 1132

Delta R.T. 0.01 min

Lab File: VV013679.D

Acq: 19 Nov 2019 15:33

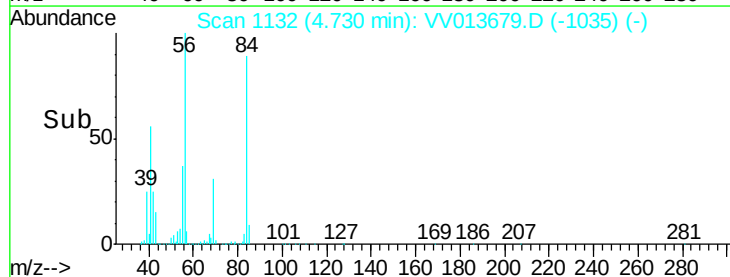
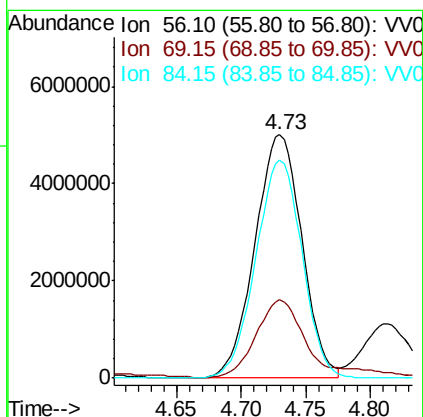
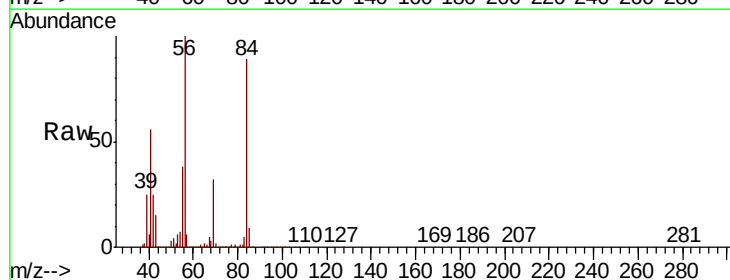
Tgt Ion: 56 Resp: 12668533

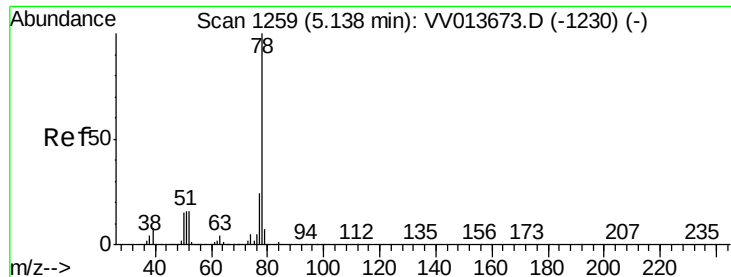
Ion Ratio Lower Upper

56 100

69 36.7 23.8 35.8#

84 88.9 69.1 103.7





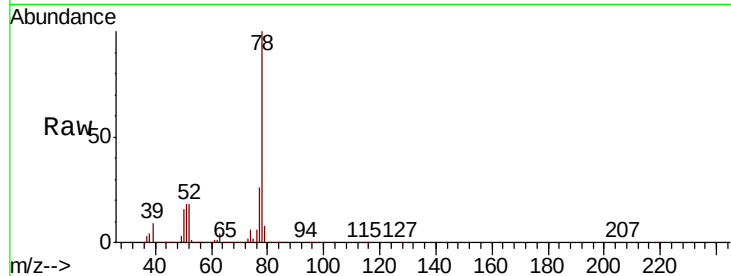
#33
Benzene
Concen: 131.521 ug/L
RT: 5.14 min Scan# 1261
Delta R.T. 0.01 min
Lab File: VV013679.D
Acq: 19 Nov 2019 15:33

Instrument :
MSVOA_V
ClientSampleId :
GAQK4

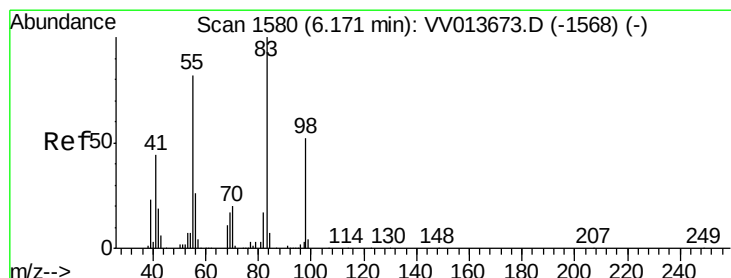
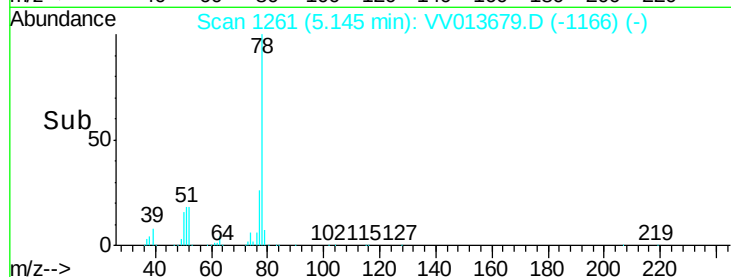
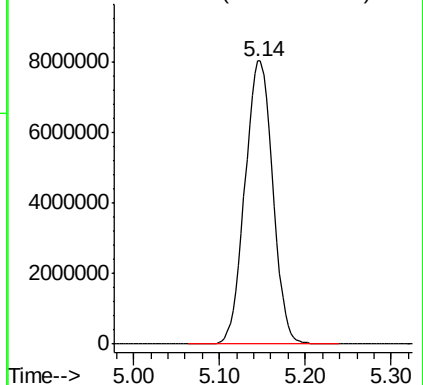
Tgt Ion: 78 Resp:18064442

Manual Integrations
APPROVED

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

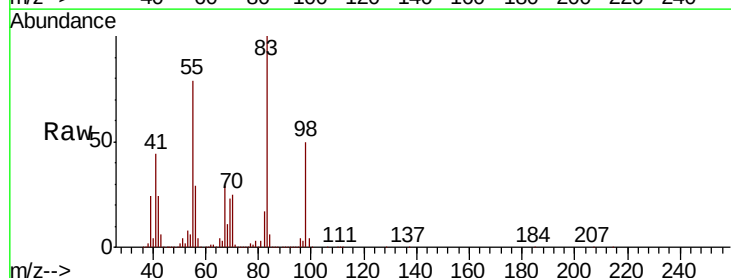


Abundance Ion 78.10 (77.80 to 78.80): VV0

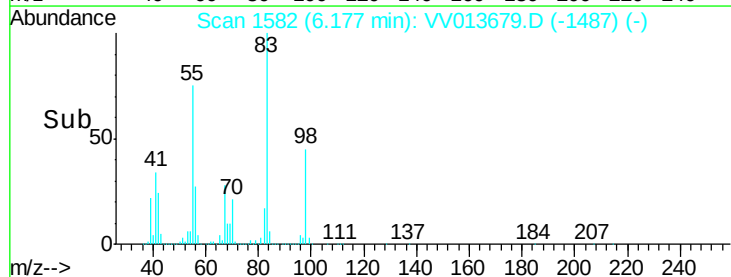
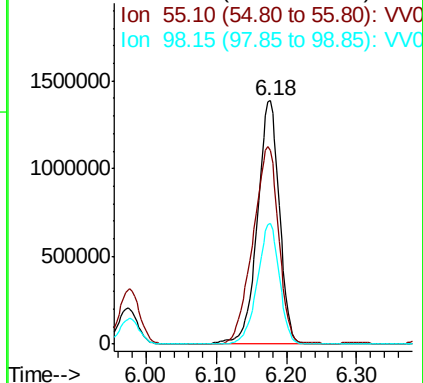


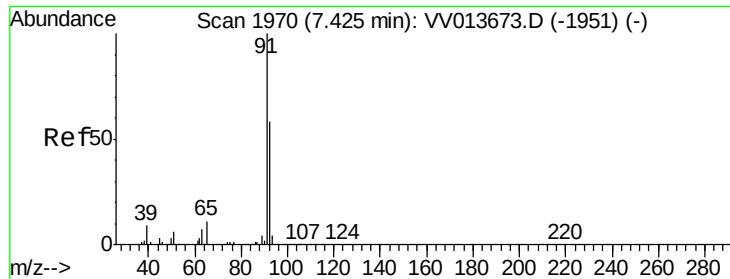
#35
Methylcyclohexane
Concen: 53.578 ug/L
RT: 6.18 min Scan# 1582
Delta R.T. 0.01 min
Lab File: VV013679.D
Acq: 19 Nov 2019 15:33

Tgt Ion: 83 Resp: 3004390
Ion Ratio Lower Upper
83 100
55 95.2 64.1 96.1
98 49.8 38.2 57.2



Abundance Ion 83.15 (82.85 to 83.85): VV0





#42

Toluene

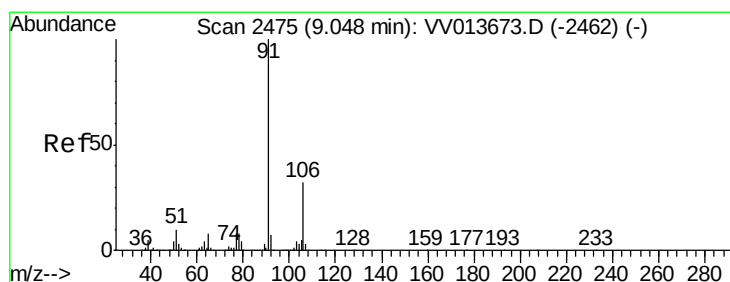
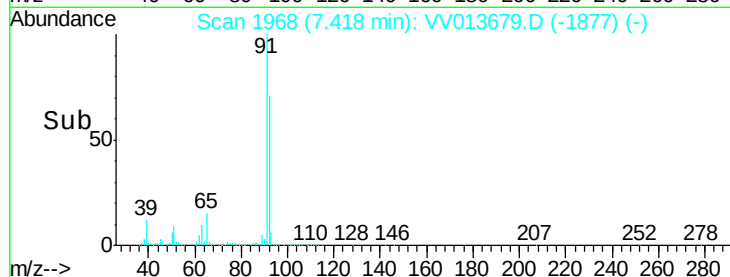
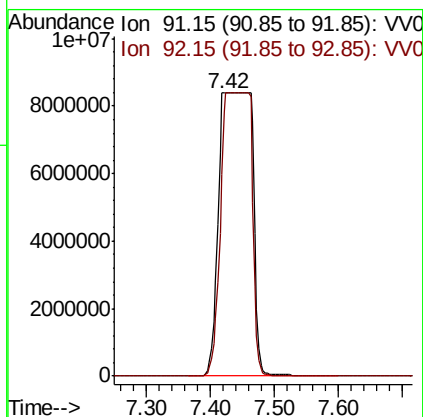
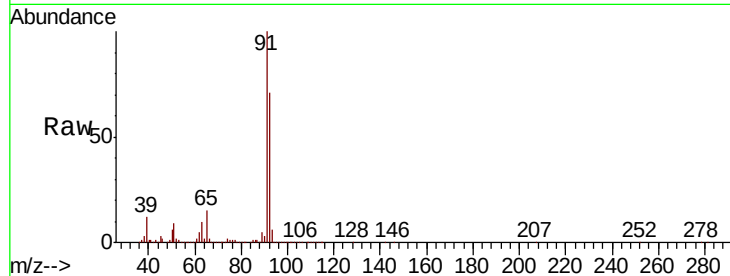
Concen: 209.145 ug/L m
RT: 7.42 min Scan# 1968
Delta R.T. -0.01 min
Lab File: VV013679.D
Acq: 19 Nov 2019 15:33

Instrument :
MSVOA_V
ClientSampleId :
GAQK4

Tot Ion: 91 Resp:30690338
Ion Ratio Lower Upper
91 100
92 71.2 41.2 76.6

Manual Integrations
APPROVED

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

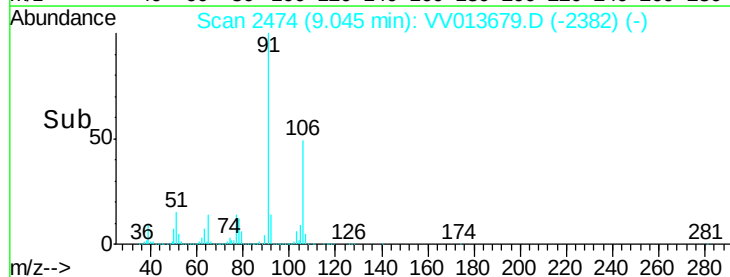
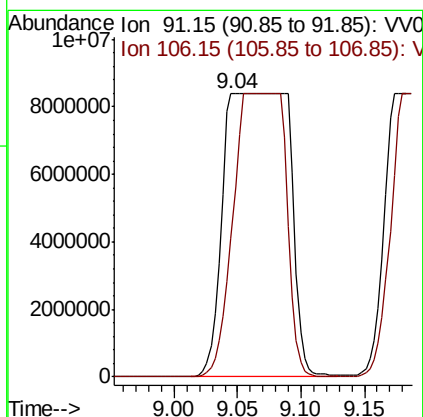
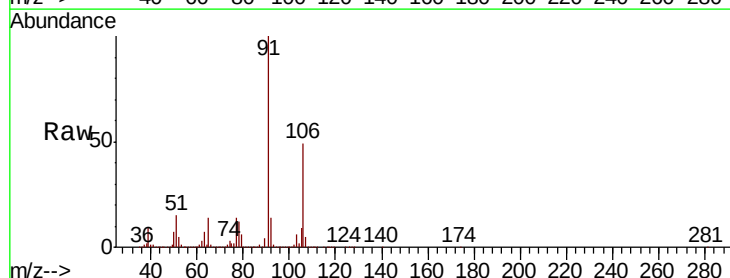


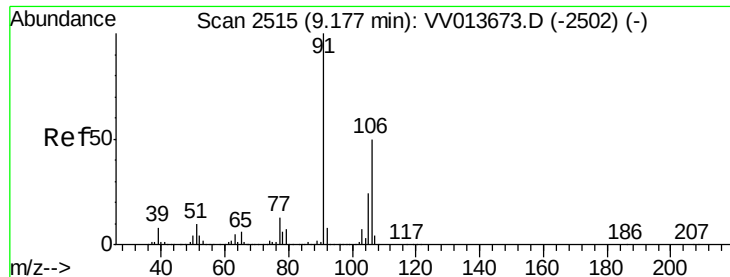
#52

Ethylbenzene

Concen: 194.458 ug/L m
RT: 9.04 min Scan# 2474
Delta R.T. -0.00 min
Lab File: VV013679.D
Acq: 19 Nov 2019 15:33

Tgt Ion: 91 Resp:30415353
Ion Ratio Lower Upper
91 100
106 49.2 21.7 40.3#





#53

m,p-xylene

Concen: 666.879 ug/L m

RT: 9.18 min Scan# 2516

Delta R.T. 0.00 min

Lab File: VV013679.D

Acq: 19 Nov 2019 15:33

Instrument :

MSVOA_V

ClientSampleId :

GAQK4

Tot Ion:106 Resp:39340333

Ion Ratio Lower Upper

106 100

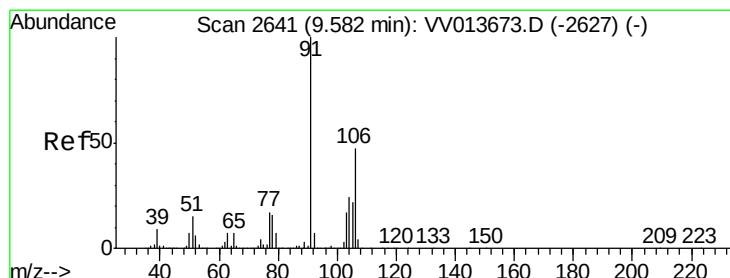
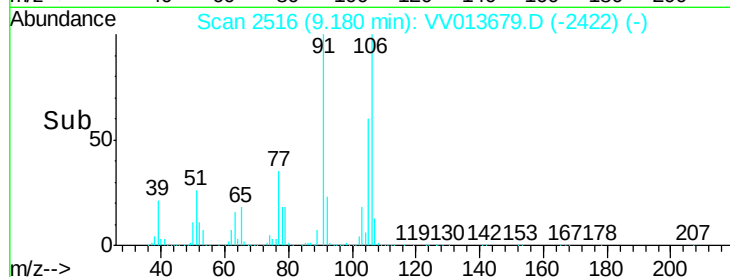
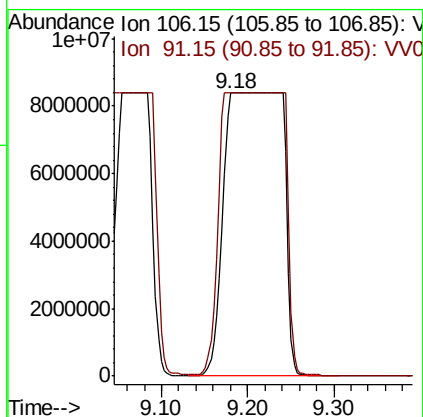
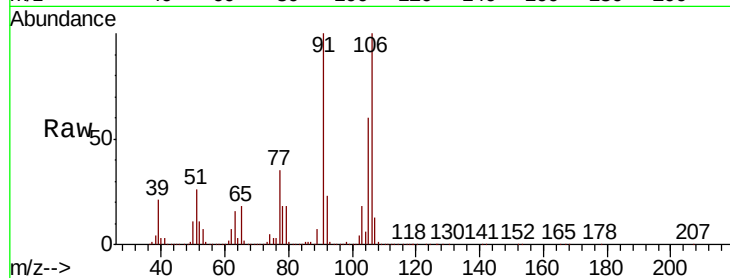
91 100.0 138.1 256.5#

Manual Integrations

APPROVED

MMDadoda

11/20/2019 10:57:01 AM



#54

o-xylene

Concen: 389.128 ug/L m

RT: 9.59 min Scan# 2643

Delta R.T. 0.01 min

Lab File: VV013679.D

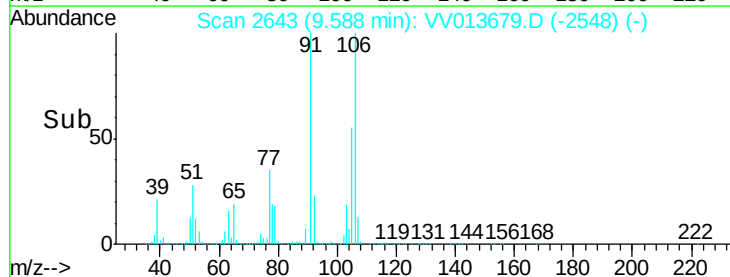
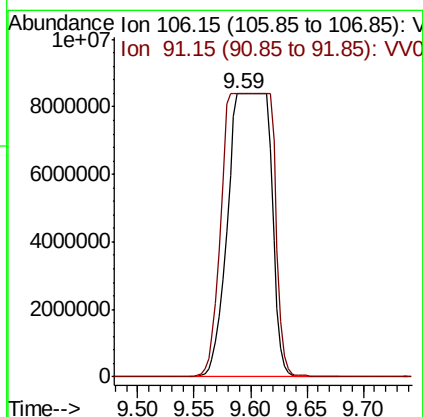
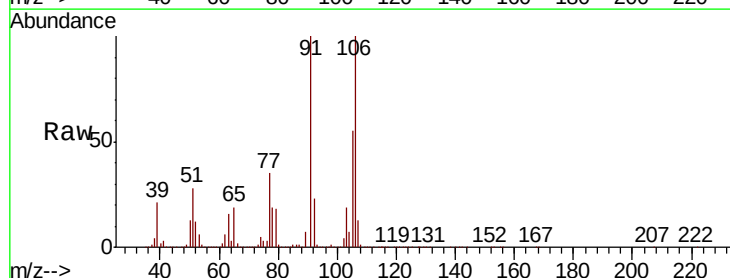
Acq: 19 Nov 2019 15:33

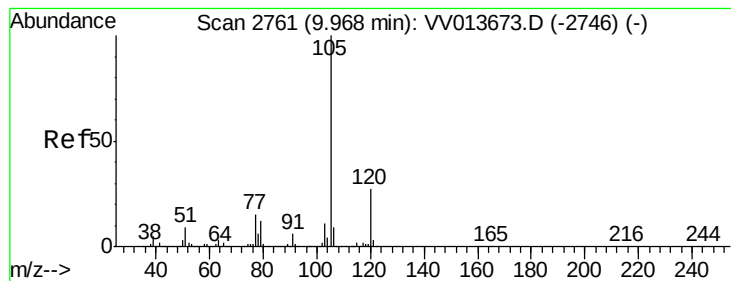
Tgt Ion:106 Resp:22078980

Ion Ratio Lower Upper

106 100

91 100.0 146.9 272.7#





#56

Isopropylbenzene

Concen: 53.644 ug/L

RT: 9.97 min Scan# 2763

Delta R.T. 0.01 min

Lab File: VV013679.D

Acq: 19 Nov 2019 15:33

Instrument :
MSVOA_V
ClientSampleId :
GAQK4

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.7	21.2	31.8
77	14.9	11.9	17.9

Manual Integrations
APPROVED

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

