

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY111119\
 Data File : VY000639.D
 Acq On : 11 Nov 2019 14:22
 Operator : SY/MD
 Sample : K4649-02MS
 Misc : 5.00G/10ML/MSVOA Y/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 A5167MS

Manual Integrations
 APPROVED

MMDadoda
 11/13/2019 1:44:10 PM

Quant Time: Nov 12 05:01:52 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYL110519SMA.M

Quant Title : VOC Analysis

QLast Update : Tue Nov 12 04:50:16 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.70	114	356441	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	332901	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.42	152	154636	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.24	65	141926	26.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.52%
7) Chloroethane-d5	2.76	69	127219	26.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.56%
11) 1,1-Dichloroethene-d2	3.86	63	258598	27.44	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	109.76%
21) 2-Butanone-d5	6.90	46	117617	49.33	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.66%
24) Chloroform-d	7.49	84	246286	26.51	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.04%
26) 1,2-Dichloroethane-d4	8.15	65	148724	26.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.08%
32) Benzene-d6	8.12	84	529370	27.50	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	110.00%
36) 1,2-Dichloropropane-d6	9.13	67	163288	27.83	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	111.32%
41) Toluene-d8	10.18	98	481865	26.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	107.72%
43) trans-1,3-Dichloropropene-	10.44	79	75057	25.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.40%
47) 2-Hexanone-d5	10.79	63	90863	49.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.96%
56) 1,1,2,2-Tetrachloroethane-	12.56	84	149159	23.48	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.92%
66) 1,2-Dichlorobenzene-d4	13.72	152	166034	27.49	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.96%

Target Compounds

					Ovalue
12) 1,1-Dichloroethene	3.88	96	127902	27.014 ug/L	91
16) Methylene chloride	4.72	84	7156m	1.232 ug/L	
33) Benzene	8.17	78	567656	25.963 ug/L	100
34) Trichloroethene	8.94	95	144914	25.116 ug/L	97
42) Toluene	10.25	91	607725	26.028 ug/L	100
51) Chlorobenzene	11.52	112	383460	25.711 ug/L	99

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

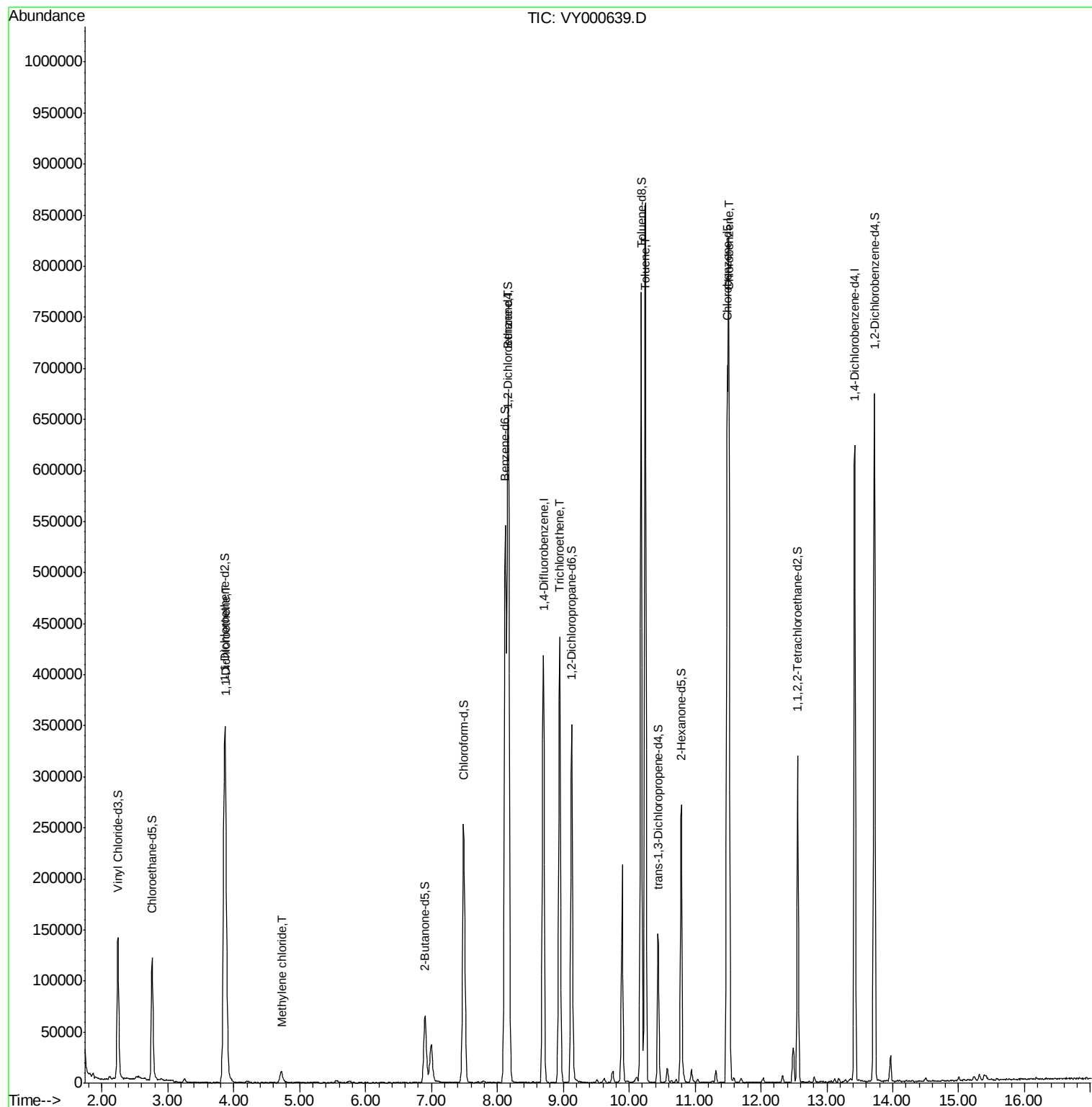
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY111119\
Data File : VY000639.D
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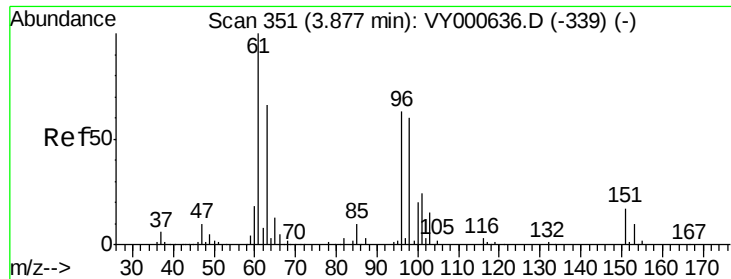
Instrument :
MSVOA_Y
ClientSampleId :
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Quant Time: Nov 12 05:01:52 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYL110519SMA.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 12 04:50:16 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 27.014 ug/L

RT: 3.88 min Scan# 351

Delta R.T. 0.00 min

Lab File: VY000639.D

Acq: 11 Nov 2019 14:22

Instrument :

MSVOA_Y

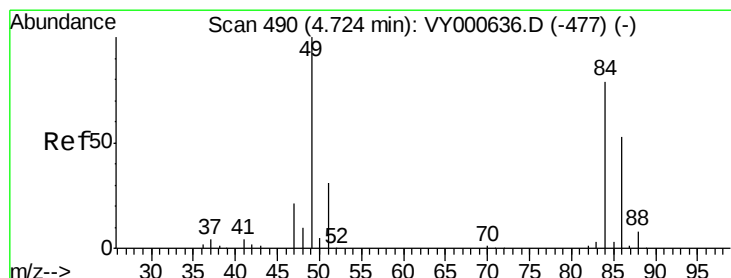
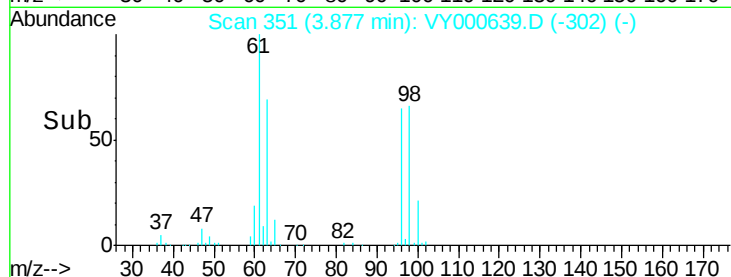
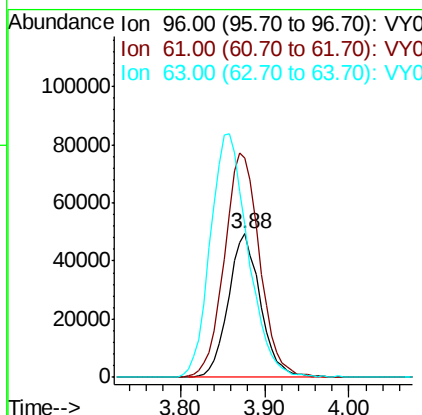
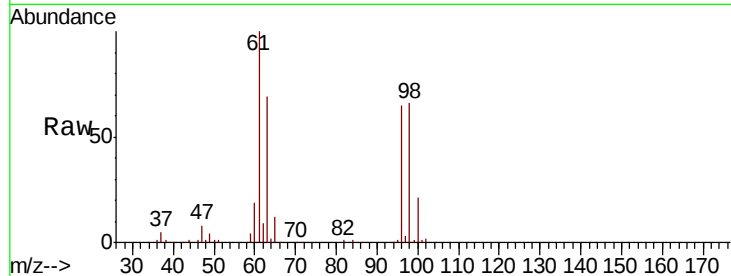
ClientSampleId :

A5167MS

Tot Ion:	96	Resp:	127902
Ion	Ratio	Lower	Upper
96	100		
61	152.9	118.6	220.2
63	106.1	77.8	144.6

Manual Integrations
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#16

Methylene chloride

Concen: 1.232 ug/L m

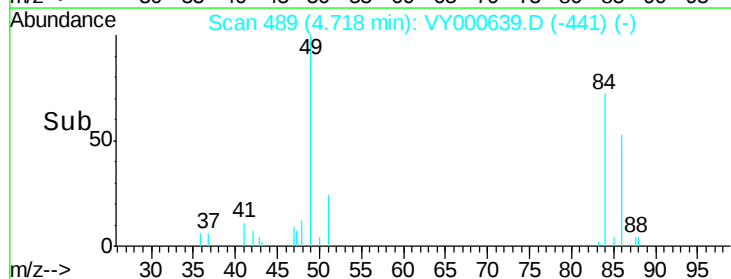
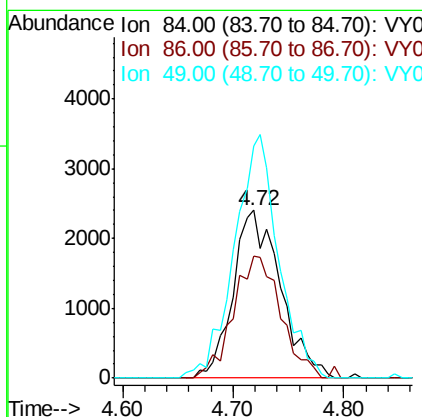
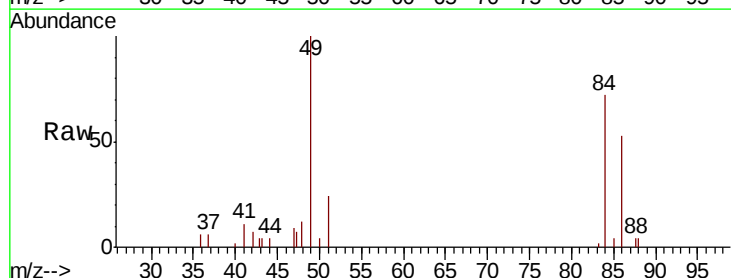
RT: 4.72 min Scan# 489

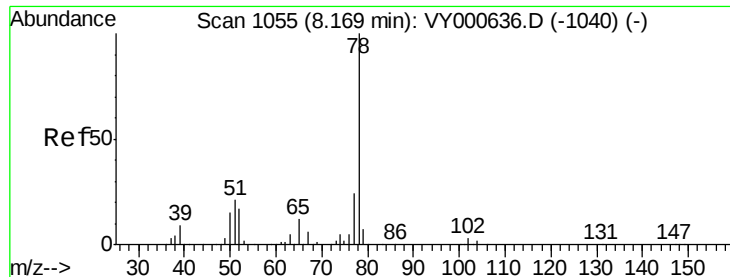
Delta R.T. -0.01 min

Lab File: VY000639.D

Acq: 11 Nov 2019 14:22

Tgt Ion:	84	Resp:	7156
Ion	Ratio	Lower	Upper
84	100		
86	72.9	43.4	80.6
49	138.2	92.3	171.3





#33

Benzene

Concen: 25.963 ug/L

RT: 8.17 min Scan# 1055

Delta R.T. 0.00 min

Lab File: VY000639.D

Acq: 11 Nov 2019 14:22

Instrument :

MSVOA_Y

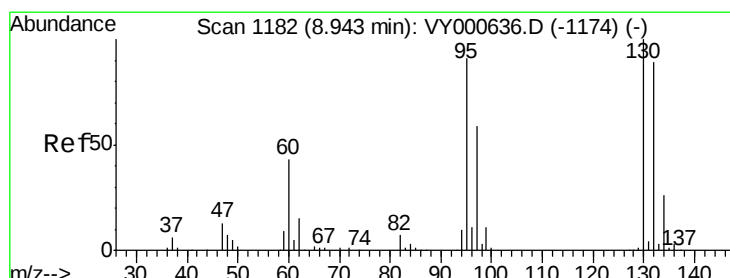
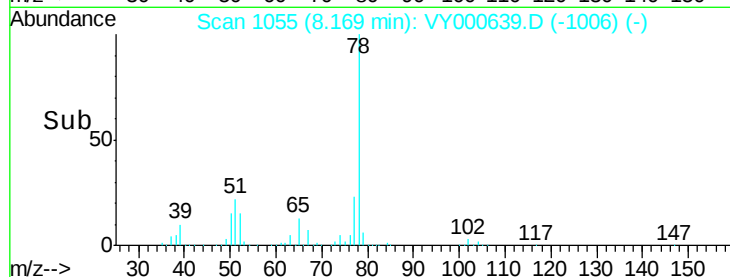
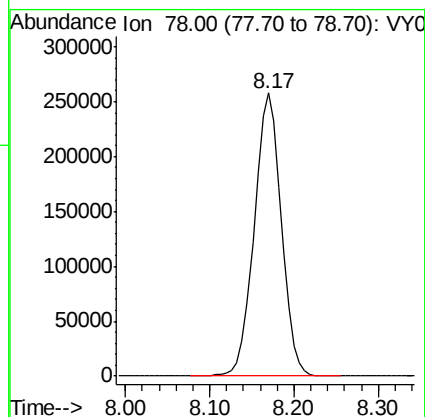
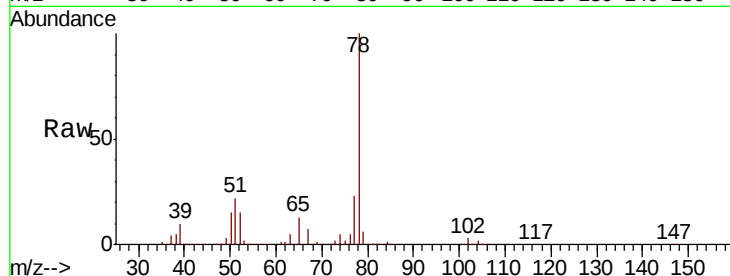
ClientSampleId :

A5167MS

Tgt Ion: 78 Resp: 567656

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#34

Trichloroethene

Concen: 25.116 ug/L

RT: 8.94 min Scan# 1182

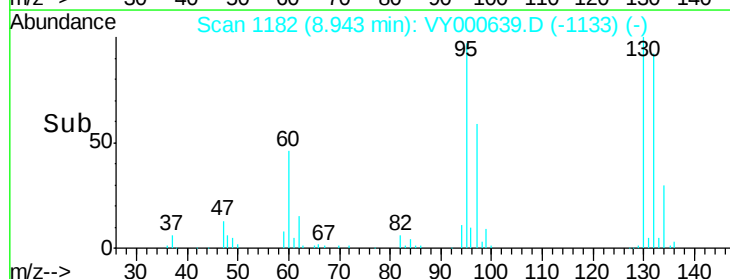
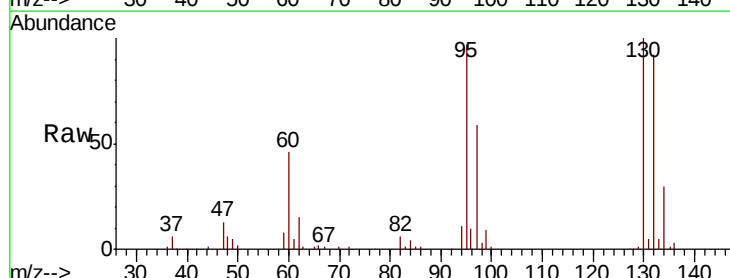
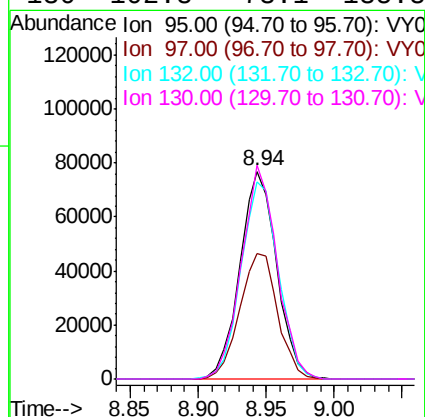
Delta R.T. 0.00 min

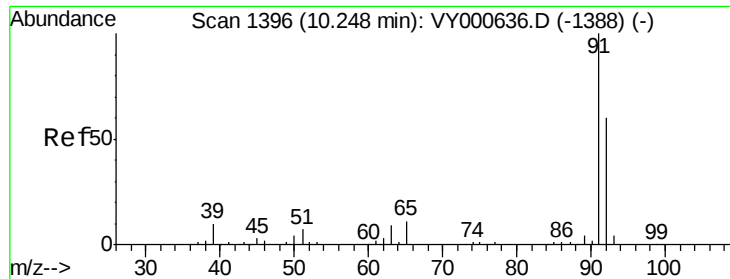
Lab File: VY000639.D

Acq: 11 Nov 2019 14:22

Tgt Ion: 95 Resp: 144914

Ion	Ratio	Lower	Upper
95	100		
97	60.4	41.4	76.8
132	94.9	69.7	129.4
130	102.8	73.1	135.8





#42

Toluene

Concen: 26.028 ug/L

RT: 10.25 min Scan# 1396

Delta R.T. 0.00 min

Lab File: VY000639.D

Acq: 11 Nov 2019 14:22

Instrument :

MSVOA_Y

ClientSampleId :

A5167MS

Tot Ion: 91 Resp: 607725

Ion Ratio Lower Upper

91 100

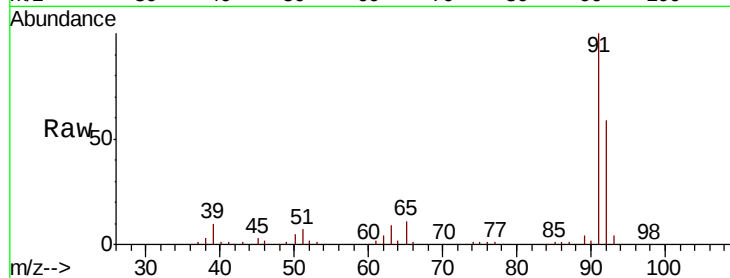
92 59.3 41.2 76.6

Manual Integrations

APPROVED

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11/13/2019 1:44:10 PM



Abundance Ion 91.00 (90.70 to 91.70): VY000636.D (-1388) (-)

Ion 92.00 (91.70 to 92.70): VY000636.D (-1388) (-)

10.25

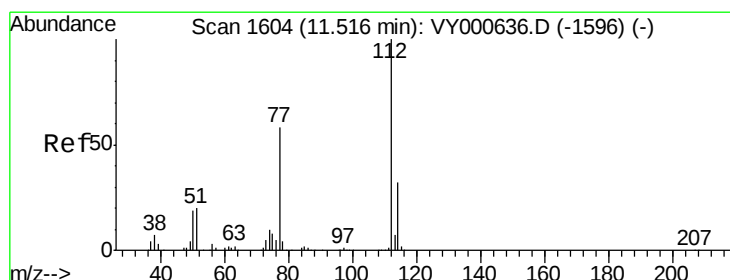
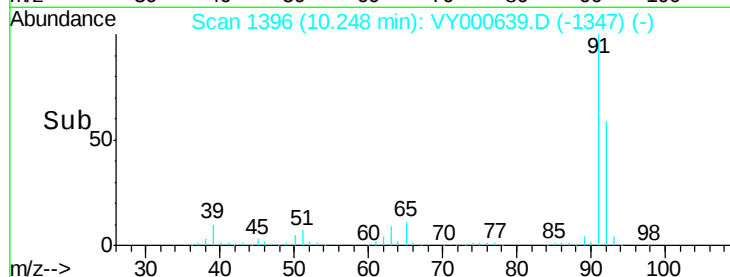
300000

200000

100000

0

Time-->



#51

Chlorobenzene

Concen: 25.711 ug/L

RT: 11.52 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VY000639.D

Acq: 11 Nov 2019 14:22

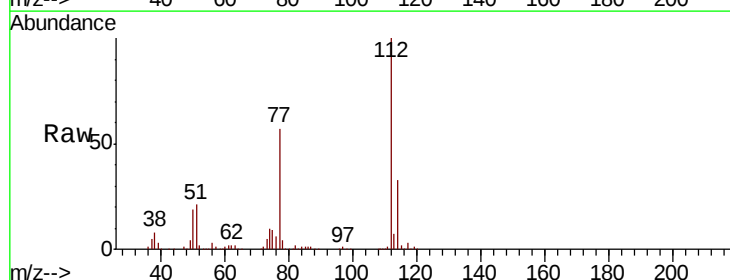
Tgt Ion: 112 Resp: 383460

Ion Ratio Lower Upper

112 100

114 32.8 22.1 41.1

77 57.3 45.3 67.9



Abundance Ion 112.00 (111.70 to 112.70): VY000636.D (-1596) (-)

Ion 114.00 (113.70 to 114.70): VY000636.D (-1596) (-)

Ion 77.00 (76.70 to 77.70): VY000636.D (-1596) (-)

11.52

300000

250000

200000

150000

100000

50000

0

Time-->

