

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY111119\
 Data File : VY000640.D
 Acq On : 11 Nov 2019 14:44
 Operator : SY/MD
 Sample : K4649-03MSD
 Misc : 5.00G/10ML/MSVOA Y/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 A5167MSD

Manual Integrations
 APPROVED

MMDadoda
 11/13/2019 1:44:14 PM

Quant Time: Nov 12 05:04:42 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	365410	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	330826	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.42	152	154480	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.24	65	138496	24.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.52%
7) Chloroethane-d5	2.76	69	123204	25.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.60%
11) 1,1-Dichloroethene-d2	3.85	63	255476	26.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	105.80%
21) 2-Butanone-d5	6.90	46	107038	43.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.58%
24) Chloroform-d	7.49	84	237494	24.94	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.76%
26) 1,2-Dichloroethane-d4	8.15	65	141640	24.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.56%
32) Benzene-d6	8.12	84	512903	26.81	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.24%
36) 1,2-Dichloropropane-d6	9.13	67	156216	26.79	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.16%
41) Toluene-d8	10.18	98	464721	26.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.52%
43) trans-1,3-Dichloropropene-	10.44	79	72493	24.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.56%
47) 2-Hexanone-d5	10.79	63	83540	45.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.56%
56) 1,1,2,2-Tetrachloroethane-	12.56	84	138686	21.97	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.88%
66) 1,2-Dichlorobenzene-d4	13.72	152	163931	27.17	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.68%

Target Compounds

					Ovalue
12) 1,1-Dichloroethene	3.88	96	125810	25.920 ug/L	98
16) Methylene chloride	4.71	84	7068m	1.187 ug/L	
33) Benzene	8.17	78	574450	26.439 ug/L	100
34) Trichloroethene	8.94	95	142755	24.896 ug/L	97
42) Toluene	10.25	91	620647	26.748 ug/L	100
51) Chlorobenzene	11.52	112	387795	26.165 ug/L	99

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

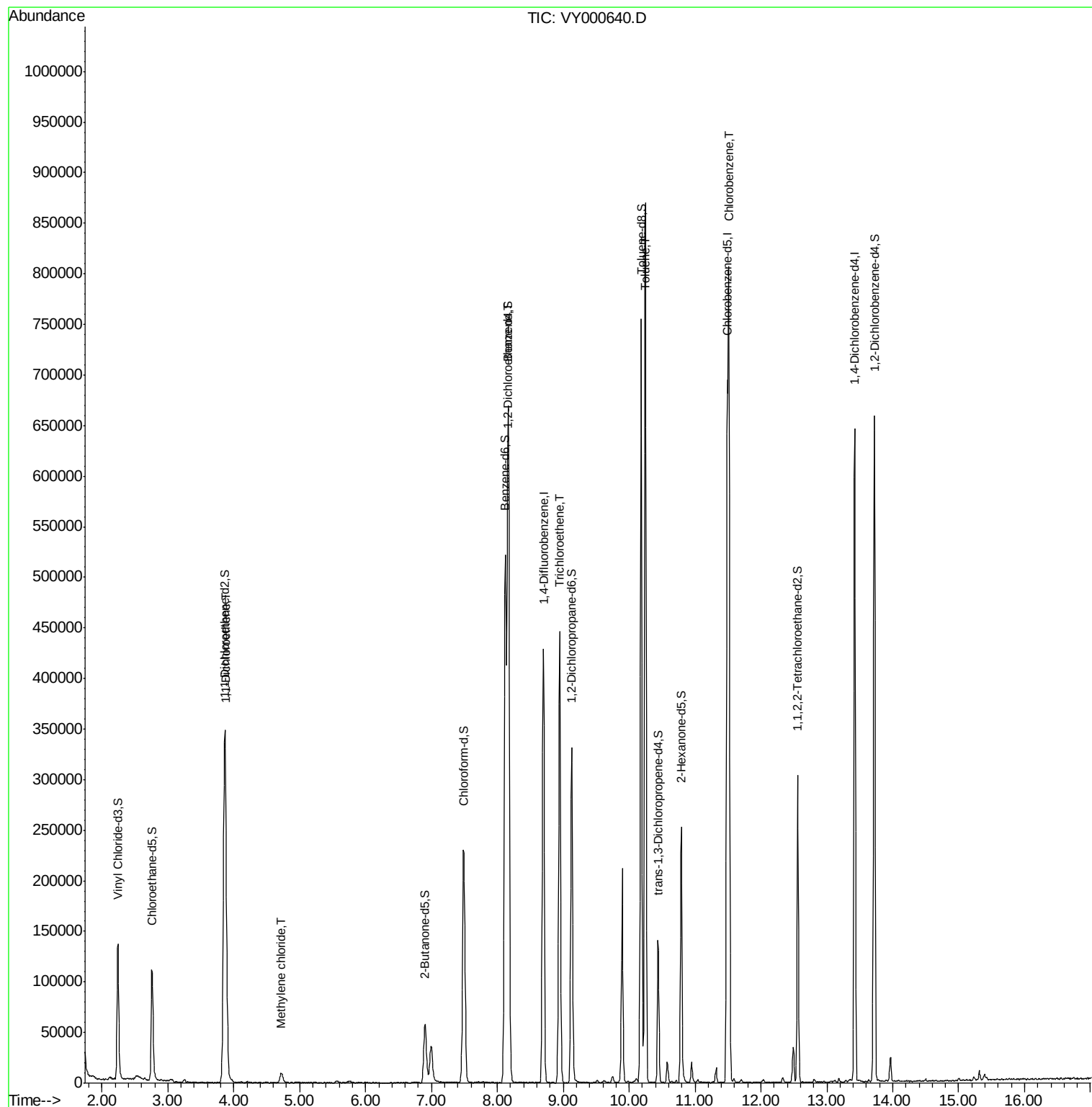
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY111119\
Data File : VY000640.D
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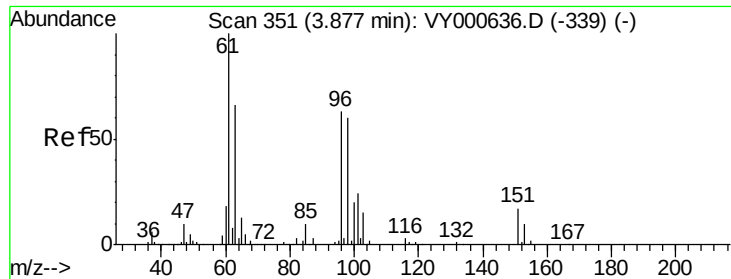
Instrument :
MSVOA_Y
ClientSampleId :
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Quant Time: Nov 12 05:04:42 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYL110519SMA.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 12 04:50:16 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 25.920 ug/L

RT: 3.88 min Scan# 351

Delta R.T. 0.00 min

Lab File: VY000640.D

Acq: 11 Nov 2019 14:44

Instrument :

MSVOA_Y

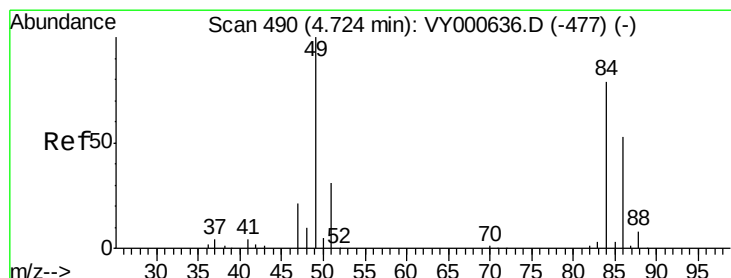
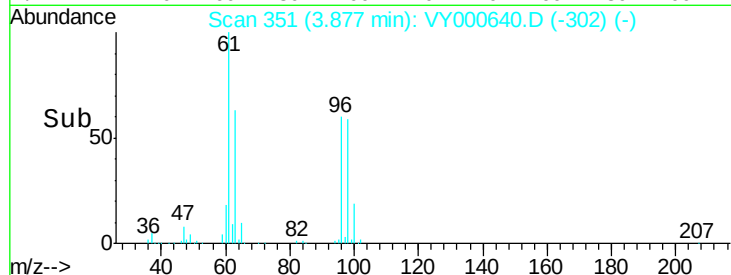
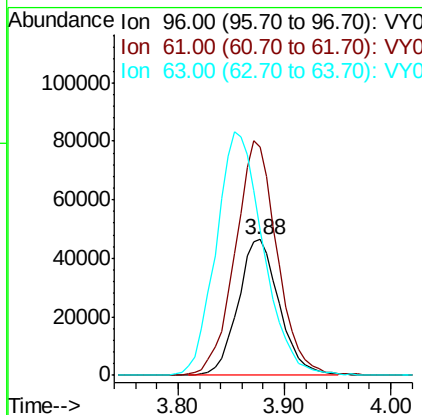
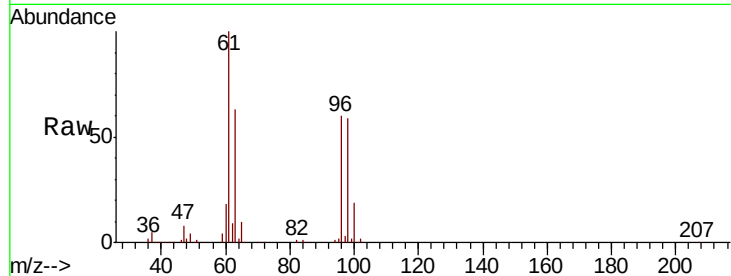
ClientSampleId :

A5167MSD

Tot Ion:	96	Resp:	125810
Ion	Ratio	Lower	Upper
96	100		
61	168.0	118.6	220.2
63	106.5	77.8	144.6

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#16

Methylene chloride

Concen: 1.187 ug/L m

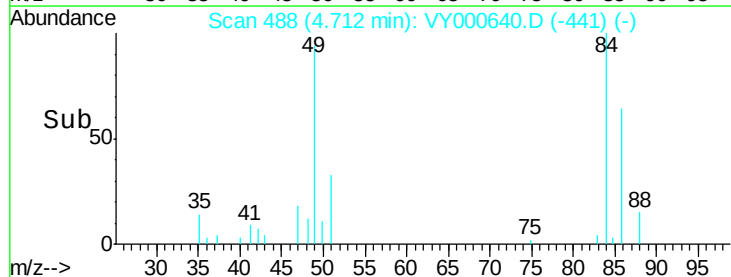
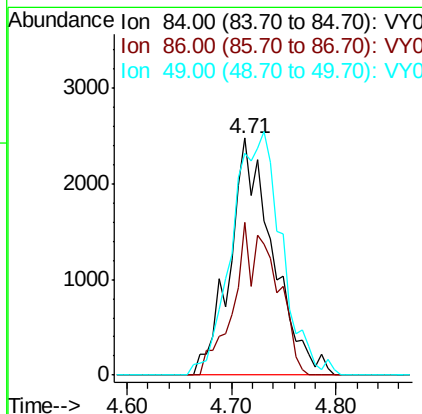
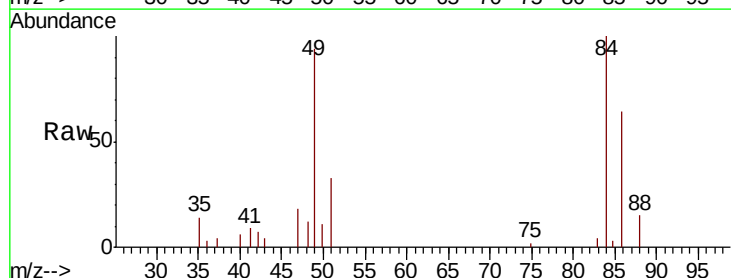
RT: 4.71 min Scan# 488

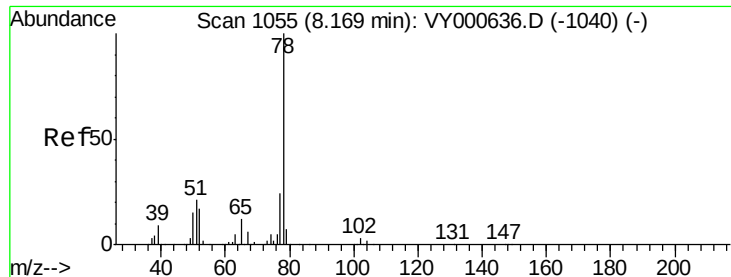
Delta R.T. -0.01 min

Lab File: VY000640.D

Acq: 11 Nov 2019 14:44

Tgt Ion:	84	Resp:	7068
Ion	Ratio	Lower	Upper
84	100		
86	64.4	43.4	80.6
49	93.8	92.3	171.3





#33

Benzene

Concen: 26.439 ug/L

RT: 8.17 min Scan# 1055

Delta R.T. 0.00 min

Lab File: VY000640.D

Acq: 11 Nov 2019 14:44

Instrument :

MSVOA_Y

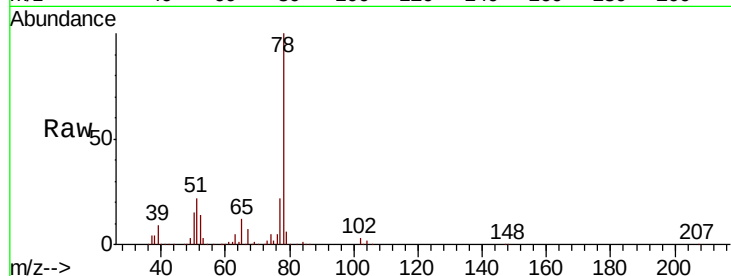
ClientSampleId :

A5167MSD

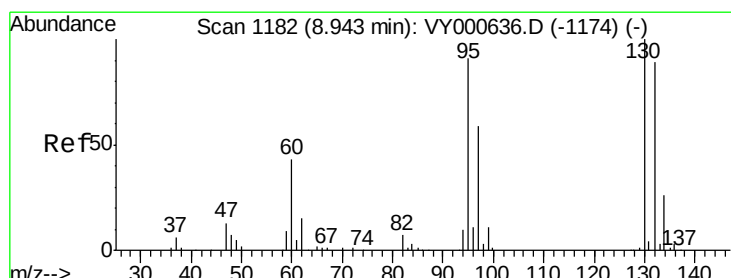
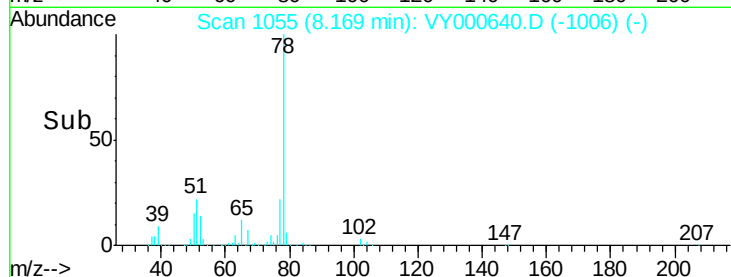
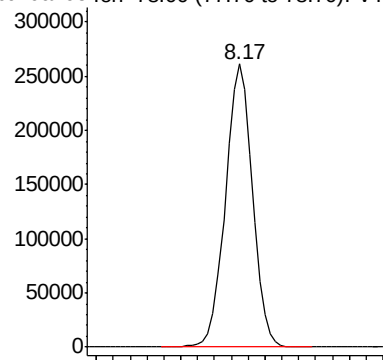
Tgt Ion: 78 Resp: 574450

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Abundance Ion 78.00 (77.70 to 78.70): VY0



#34

Trichloroethene

Concen: 24.896 ug/L

RT: 8.94 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VY000640.D

Acq: 11 Nov 2019 14:44

Tgt Ion: 95 Resp: 142755

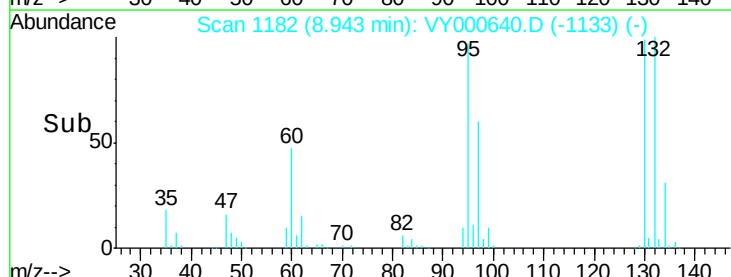
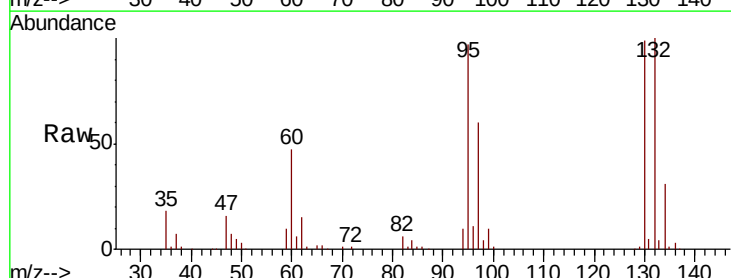
Ion	Ratio	Lower	Upper
95	100		
97	61.6	41.4	76.8
132	102.9	69.7	129.4
130	101.9	73.1	135.8

Abundance Ion 95.00 (94.70 to 95.70): VY0

Ion 97.00 (96.70 to 97.70): VY0

Ion 132.00 (131.70 to 132.70): VY0

Ion 130.00 (129.70 to 130.70): VY0

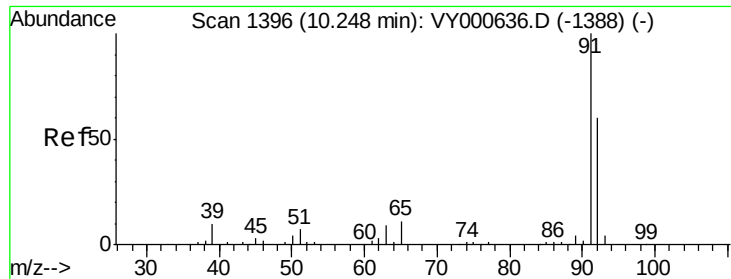


Abundance Ion 95.00 (94.70 to 95.70): VY0

Ion 97.00 (96.70 to 97.70): VY0

Ion 132.00 (131.70 to 132.70): VY0

Ion 130.00 (129.70 to 130.70): VY0



#42

Toluene

Concen: 26.748 ug/L

RT: 10.25 min Scan# 1396

Delta R.T. 0.00 min

Lab File: VY000640.D

Acq: 11 Nov 2019 14:44

Instrument :

MSVOA_Y

ClientSampleId :

A5167MSD

Tot Ion: 91 Resp: 620647

Ion Ratio Lower Upper

91 100

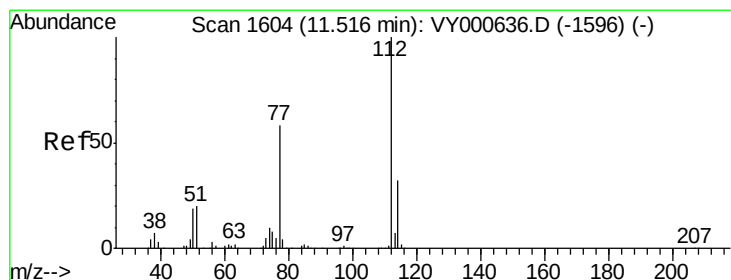
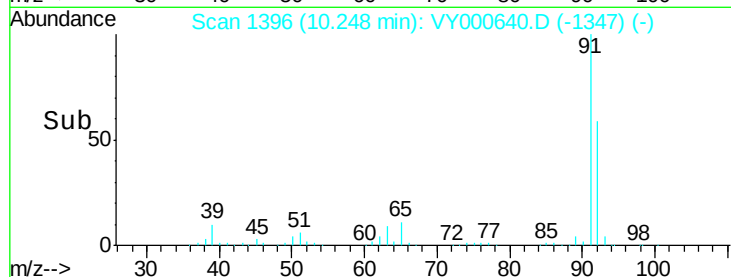
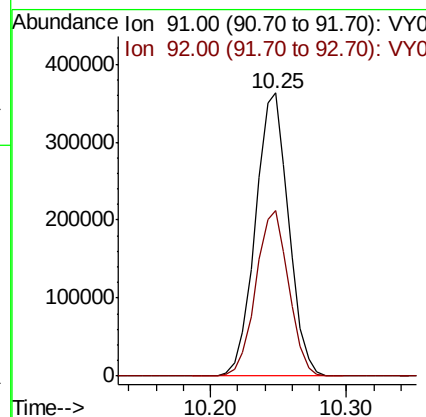
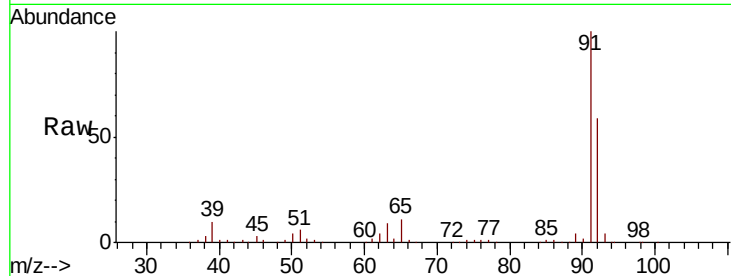
92 58.6 41.2 76.6

Manual Integrations

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#51

Chlorobenzene

Concen: 26.165 ug/L

RT: 11.52 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VY000640.D

Acq: 11 Nov 2019 14:44

Tgt Ion: 112 Resp: 387795

Ion Ratio Lower Upper

112 100

114 32.3 22.1 41.1

77 55.5 45.3 67.9

