

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU011019\
 Data File : VU029110.D
 Acq On : 10 Jan 2019 11:50
 Operator : MD/SY
 Sample : K1094-01
 Misc : 2.70g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CROSSWICKS-DRUM-1

Manual Integrations
 APPROVED

MMDadoda
 1/11/2019 10:03:27 AM

Quant Time: Jan 11 10:00:02 2019
 Quant Method : Z:\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 04 02:22:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.97	168	111033	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	192479	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	195421	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	102264	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.30	65	75819	55.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.48%	
35) Dibromofluoromethane	4.88	113	64097	51.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.74%	
50) Toluene-d8	7.56	98	251335	51.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.04%	
62) 4-Bromofluorobenzene	10.31	95	97640	55.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.32%	
Target Compounds						
					Qvalue	
16) Acetone	2.34	43	22775	26.339	ug/l	99
51) 4-Methyl-2-Pentanone	7.48	43	138921	63.012	ug/l	98
52) Toluene	7.63	92	22679	6.208	ug/l	97
67) Ethyl Benzene	9.25	91	6850305	936.681	ug/l	99
68) m/p-Xylenes	9.39	106	13775468	4847.782	ug/l #	1
69) o-Xylene	9.79	106	6111665	2232.171	ug/l	99
73) Isopropylbenzene	10.17	105	286164	37.806	ug/l	100
78) n-propylbenzene	10.59	91	2256529	252.965	ug/l	99
80) 1,3,5-Trimethylbenzene	10.78	105	7192874	1137.935	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	23275310m	3688.141	ug/l	
85) sec-Butylbenzene	11.33	105	438197	58.157	ug/l	99
86) p-Isopropyltoluene	11.48	119	217786m	33.920	ug/l	
89) n-Butylbenzene	11.88	91	1160638	202.537	ug/l #	11
95) Naphthalene	13.75	128	14557	1.839	ug/l	99

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

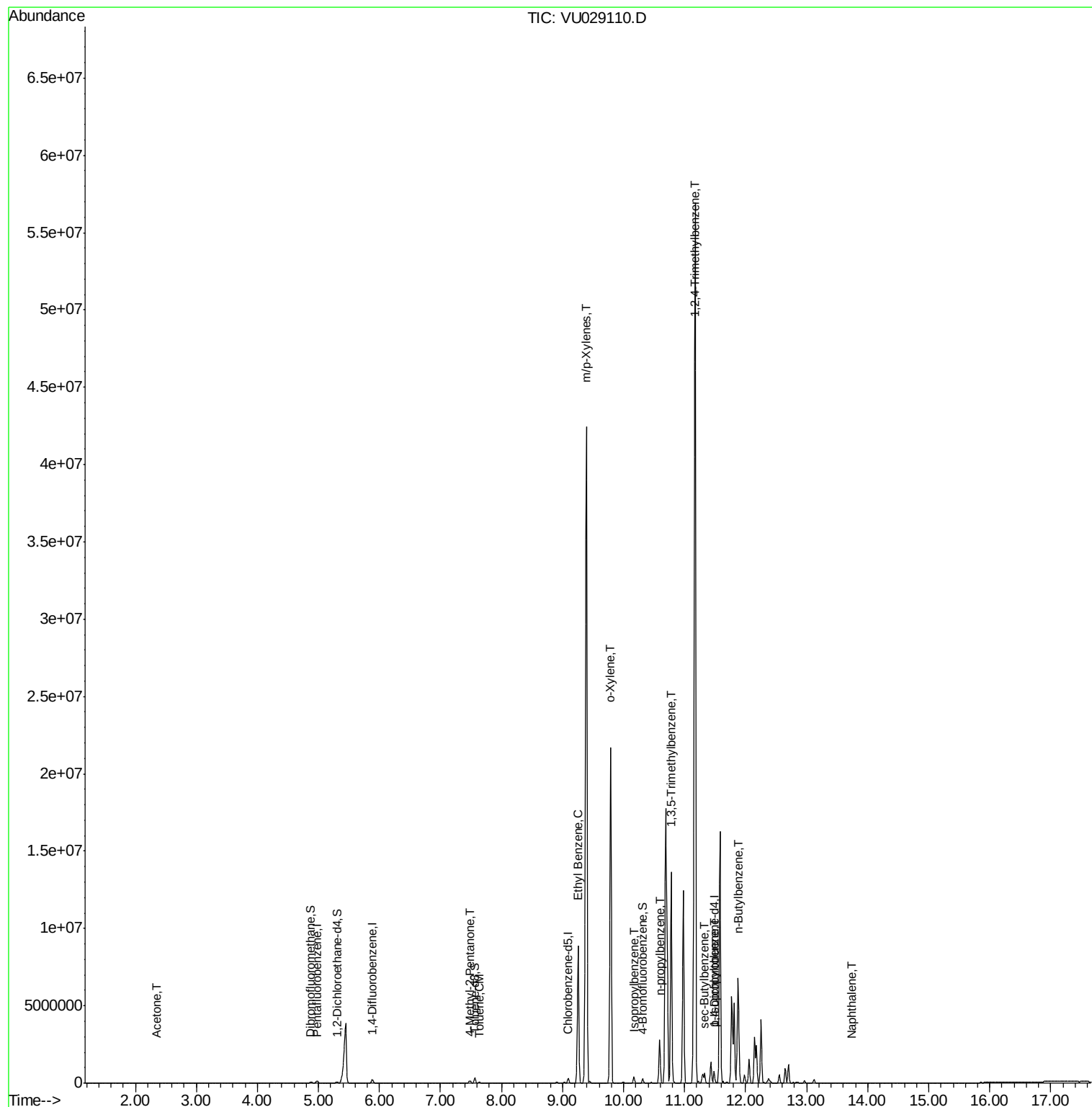
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU011019\
Data File : VU029110.D
Acq On : 10 Jan 2019 11:50
Operator : MD/SY
Sample : K1094-01
Misc : 2.70g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 8 Sample Multiplier: 1

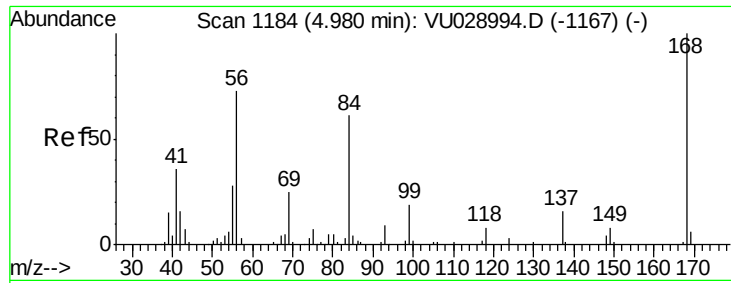
Instrument :
MSVOA_U
ClientSampleId :
CROSSWICKS-DRUM-1

Manual Integrations
APPROVED

MMDadoda
1/11/2019 10:03:27 AM

Quant Time: Jan 11 10:00:02 2019
Quant Method : Z:\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
Quant Title : SW846 8260
QLast Update : Fri Jan 04 02:22:53 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.97 min Scan# 1182

Delta R.T. -0.01 min

Lab File: VU029110.D

Acq: 10 Jan 2019 11:50

Instrument :

MSVOA_U

ClientSampleId :

CROSSWICKS-DRUM-1

Tgt Ion:168 Resp: 111033

Ion Ratio Lower Upper

168 100

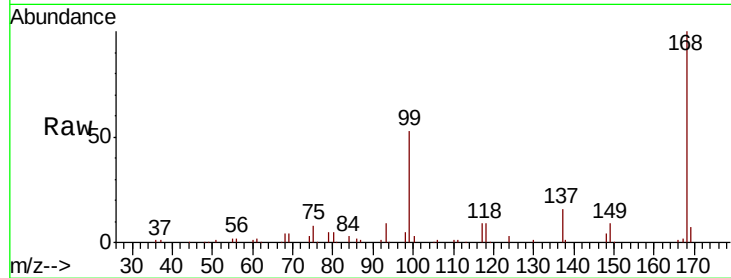
99 53.0 42.0 63.0

Manual Integrations

APPROVED

MMDadoda

1/11/2019 10:03:27 AM



Abundance Ion 167.90 (167.60 to 168.60): VU028994.D (-1167) (-)

Ion 98.90 (98.60 to 99.60): VU029110.D (-1091) (-)

4.97

50000

40000

30000

20000

10000

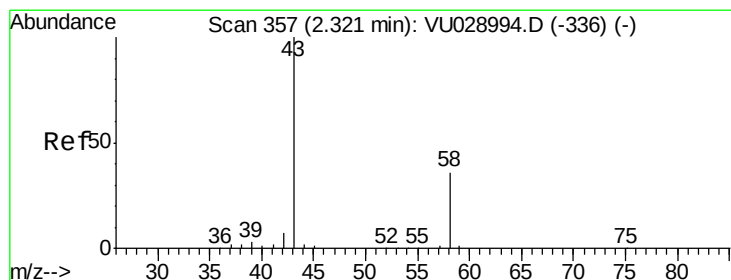
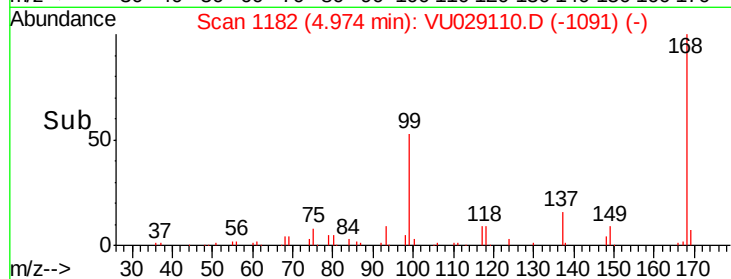
0

4.90

5.00

5.10

Time-->



#16

Acetone

Concen: 26.339 ug/l

RT: 2.34 min Scan# 364

Delta R.T. 0.02 min

Lab File: VU029110.D

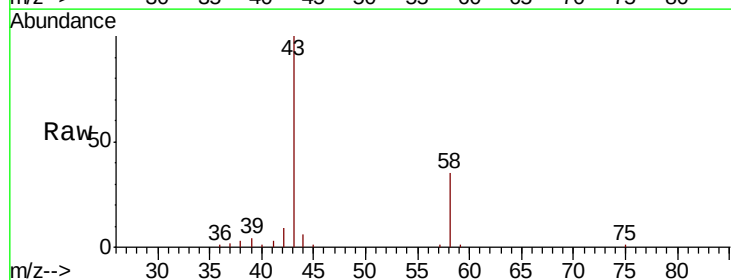
Acq: 10 Jan 2019 11:50

Tgt Ion: 43 Resp: 22775

Ion Ratio Lower Upper

43 100

58 35.3 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VU028994.D (-336) (-)

Ion 58.00 (57.70 to 58.70): VU029110.D (-264) (-)

2.34

12000

10000

8000

6000

4000

2000

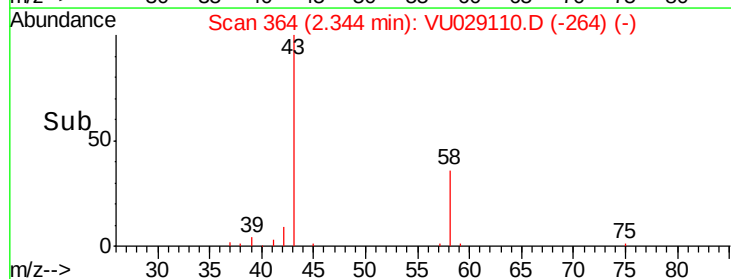
0

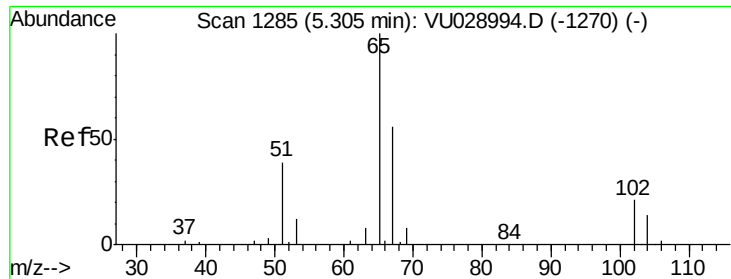
2.30

2.40

2.50

Time-->





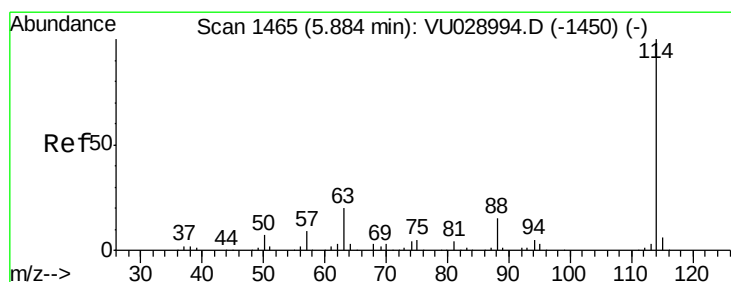
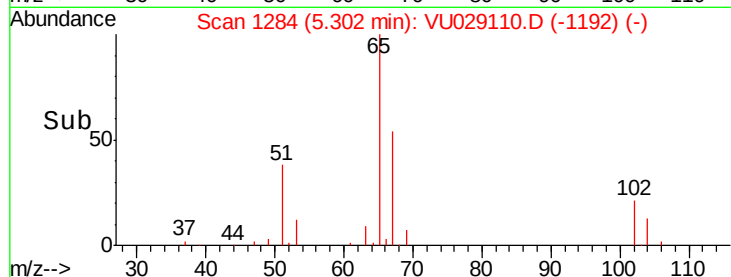
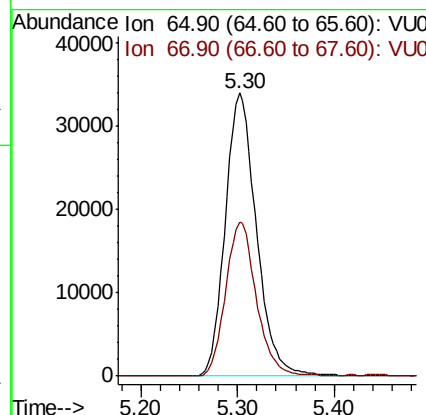
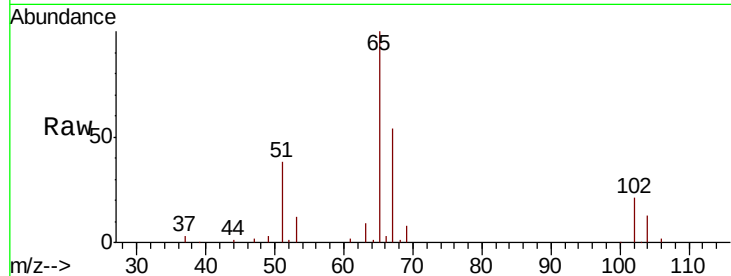
#33
 1,2-Dichloroethane-d4
 Concen: 55.238 ug/l
 RT: 5.30 min Scan# 1284
 Delta R.T. -0.00 min
 Lab File: VU029110.D
 Acq: 10 Jan 2019 11:50

Instrument :
 MSVOA_U
 ClientSampleId :
 CROSSWICKS-DRUM-1

Tgt Ion: 65 Resp: 75819
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 111.0

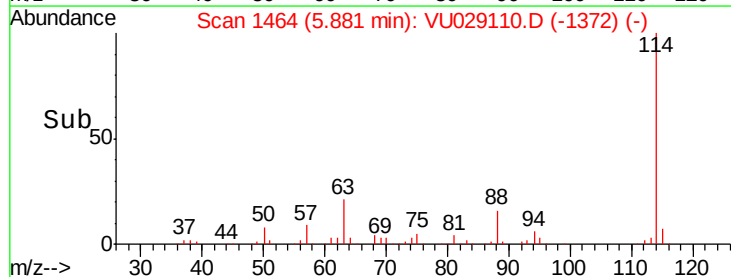
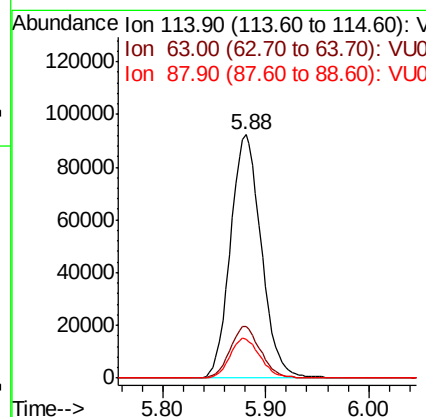
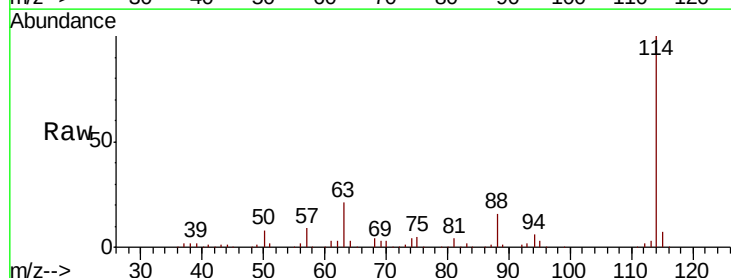
Manual Integrations
 APPROVED

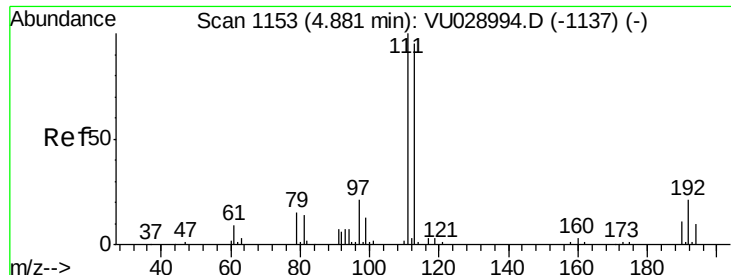
MMDadoda
 1/11/2019 10:03:27 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1464
 Delta R.T. -0.00 min
 Lab File: VU029110.D
 Acq: 10 Jan 2019 11:50

Tgt Ion: 114 Resp: 192479
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 40.2
 88 16.0 0.0 30.4





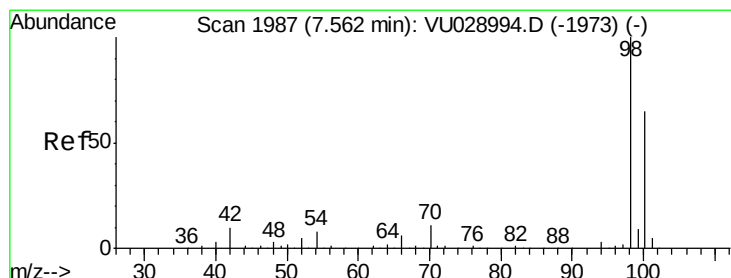
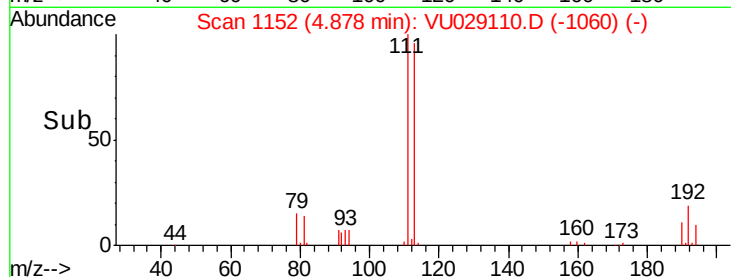
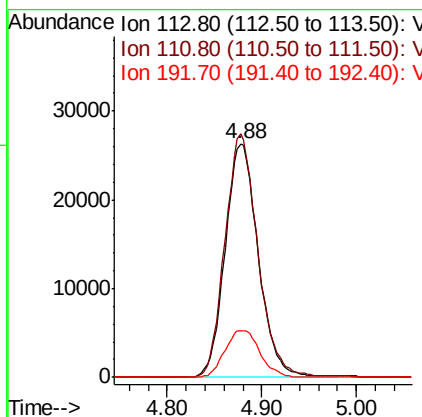
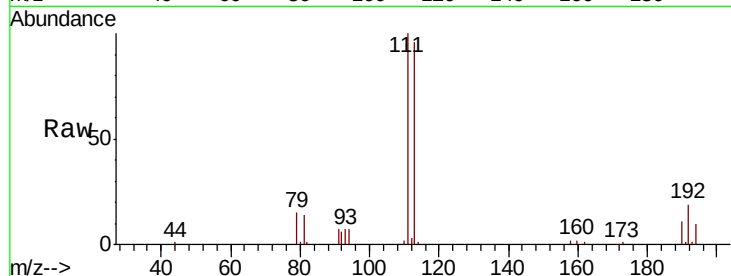
#35
 Dibromofluoromethane
 Concen: 51.372 ug/l
 RT: 4.88 min Scan# 1152
 Delta R.T. -0.00 min
 Lab File: VU029110.D
 Acq: 10 Jan 2019 11:50

Instrument :
 MSVOA_U
 ClientSampleId :
 CROSSWICKS-DRUM-1

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.4	122.2
192	20.9	16.8	25.2

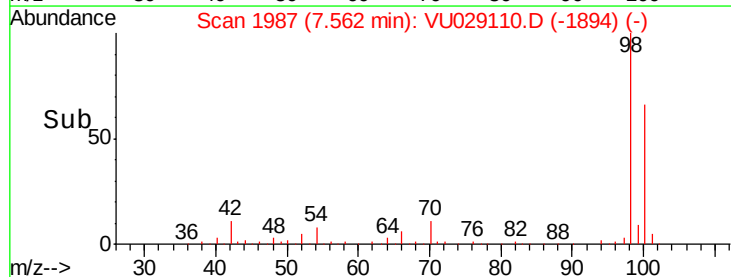
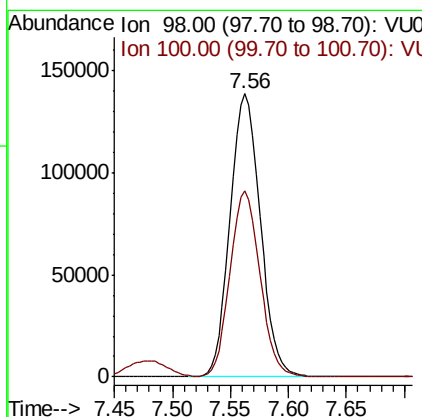
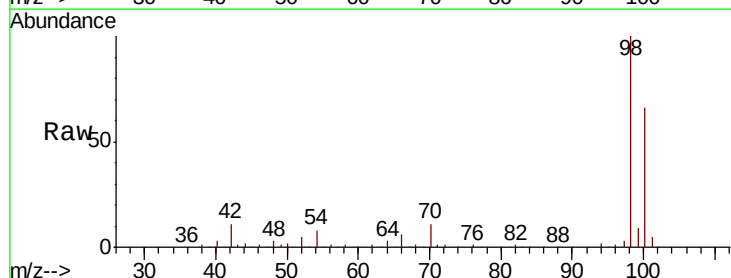
Manual Integrations
 APPROVED

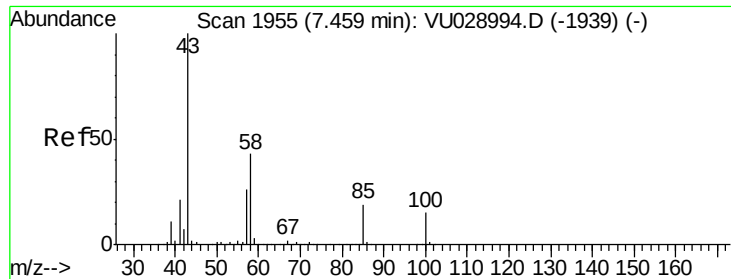
MMDadoda
 1/11/2019 10:03:27 AM



#50
 Toluene-d8
 Concen: 51.024 ug/l
 RT: 7.56 min Scan# 1987
 Delta R.T. 0.00 min
 Lab File: VU029110.D
 Acq: 10 Jan 2019 11:50

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 63.012 ug/l

RT: 7.48 min Scan# 1961

Delta R.T. 0.02 min

Lab File: VU029110.D

Acq: 10 Jan 2019 11:50

Instrument :

MSVOA_U

ClientSampleId :

CROSSWICKS-DRUM-1

Tgt Ion: 43 Resp: 138921

Ion Ratio Lower Upper

43 100

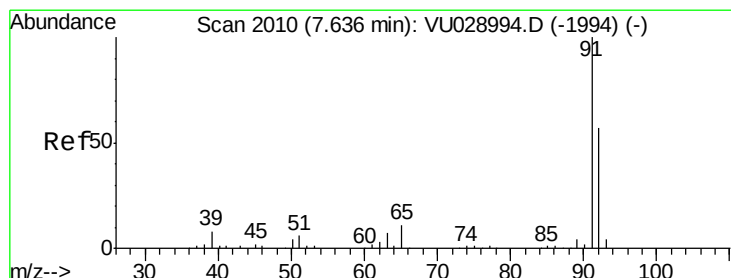
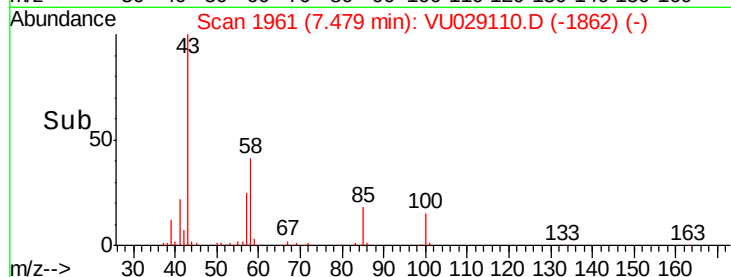
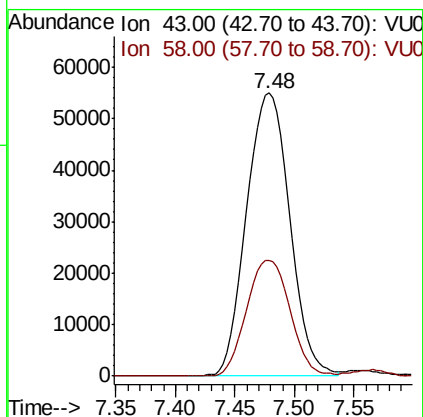
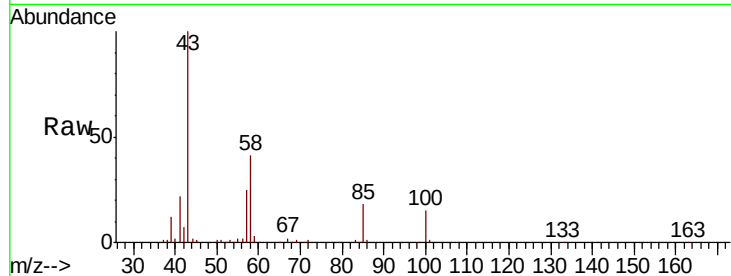
58 41.1 33.9 50.9

Manual Integrations

APPROVED

MMDadoda

1/11/2019 10:03:27 AM



#52

Toluene

Concen: 6.208 ug/l

RT: 7.63 min Scan# 2009

Delta R.T. -0.00 min

Lab File: VU029110.D

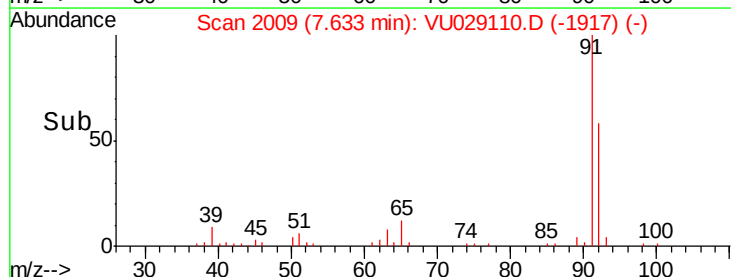
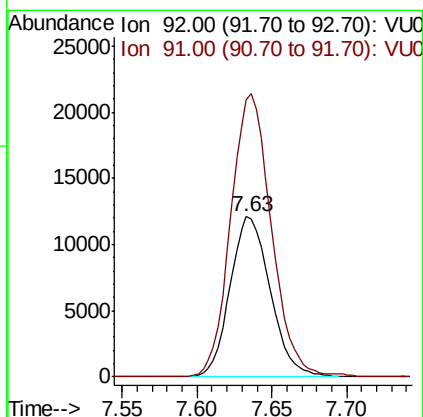
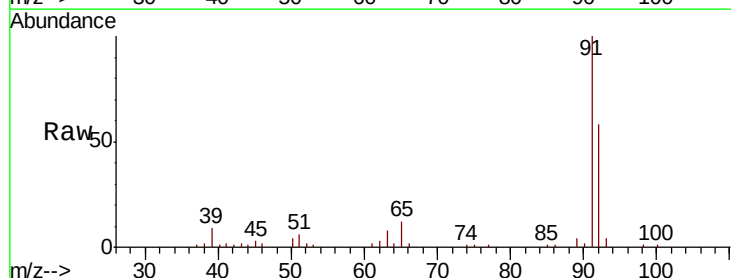
Acq: 10 Jan 2019 11:50

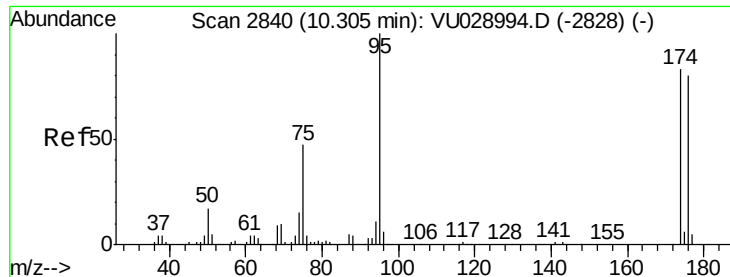
Tgt Ion: 92 Resp: 22679

Ion Ratio Lower Upper

92 100

91 178.6 139.8 209.8





#62

4-Bromofluorobenzene

Concen: 55.156 ug/l

RT: 10.31 min Scan# 2842

Delta R.T. 0.01 min

Lab File: VU029110.D

Acq: 10 Jan 2019 11:50

Instrument :

MSVOA_U

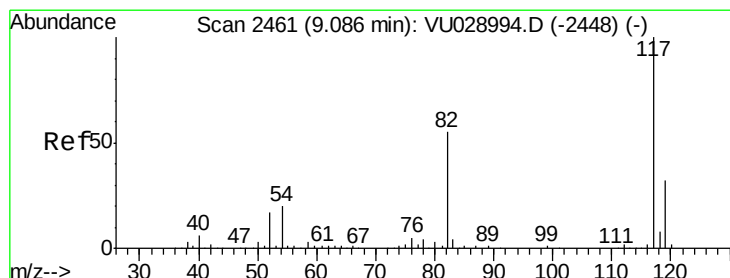
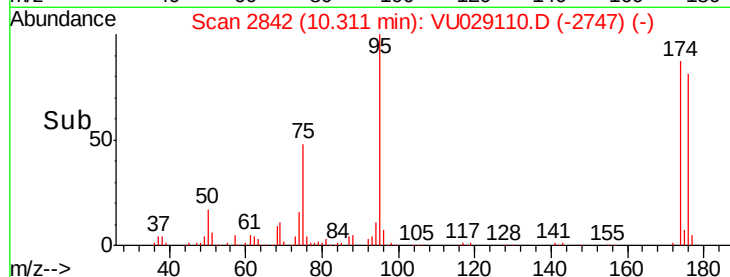
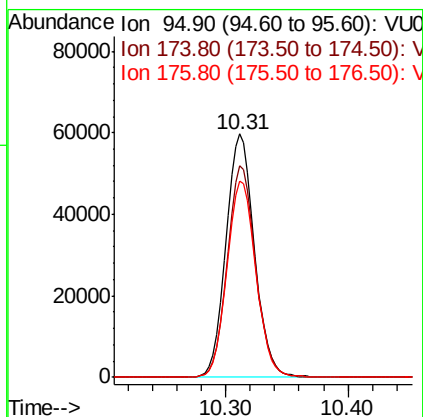
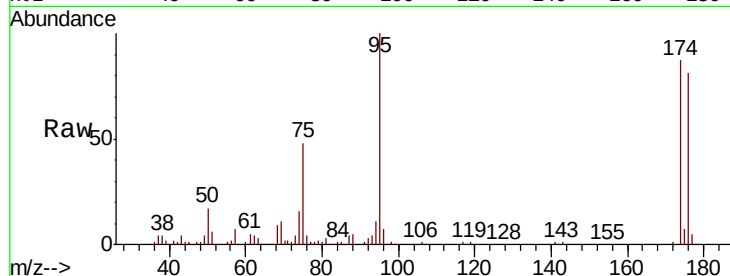
ClientSampleId :

CROSSWICKS-DRUM-1

Tgt Ion:	95	Resp:	97640
Ion	Ratio	Lower	Upper
95	100		
174	86.0	0.0	170.6
176	82.1	0.0	165.0

Manual Integrations
APPROVED

MMDadoda
1/11/2019 10:03:27 AM



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

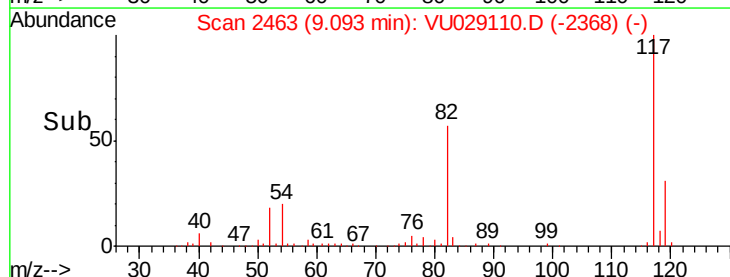
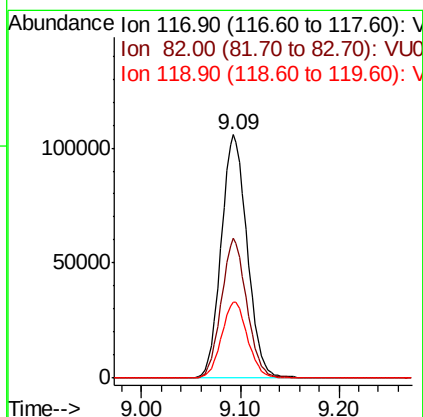
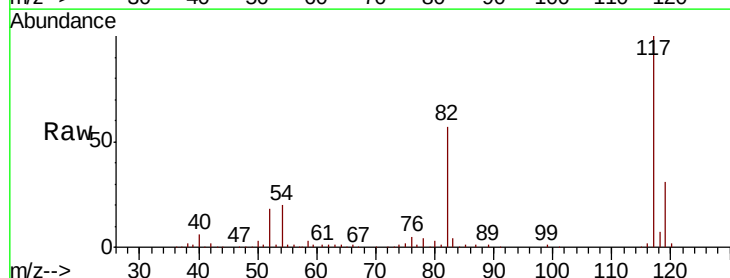
RT: 9.09 min Scan# 2463

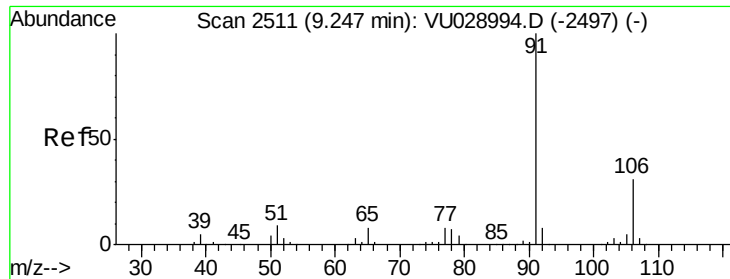
Delta R.T. 0.01 min

Lab File: VU029110.D

Acq: 10 Jan 2019 11:50

Tgt Ion:	117	Resp:	195421
Ion	Ratio	Lower	Upper
117	100		
82	57.2	43.9	65.9
119	31.4	26.0	39.0





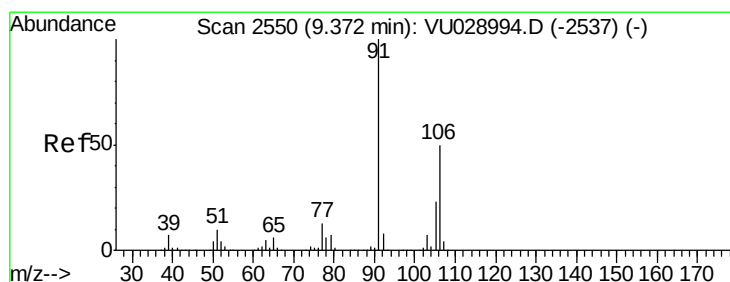
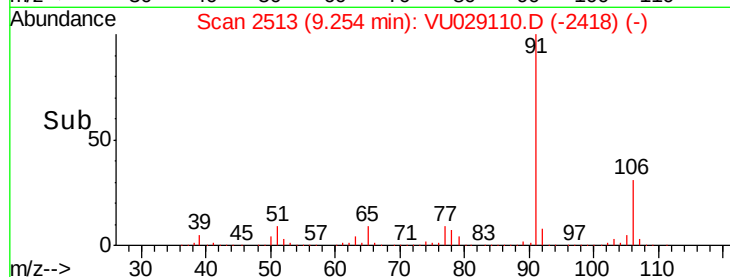
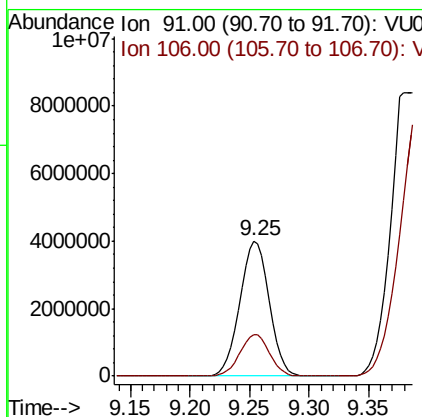
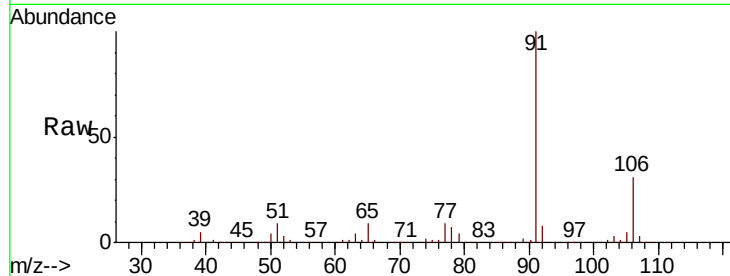
#67
Ethyl Benzene
Concen: 936.681 ug/l
RT: 9.25 min Scan# 2513
Delta R.T. 0.01 min
Lab File: VU029110.D
Acq: 10 Jan 2019 11:50

Instrument :
MSVOA_U
ClientSampleId :
CROSSWICKS-DRUM-1

Tgt Ion: 91 Resp: 6850305
Ion Ratio Lower Upper
91 100
106 30.9 25.0 37.4

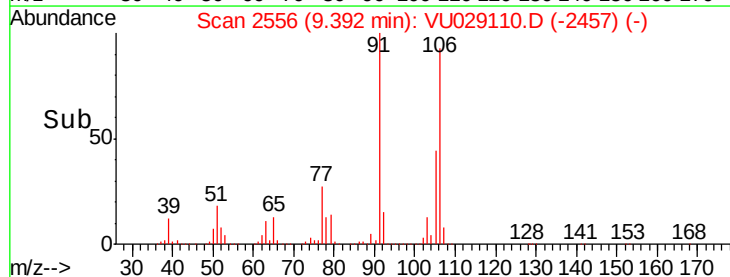
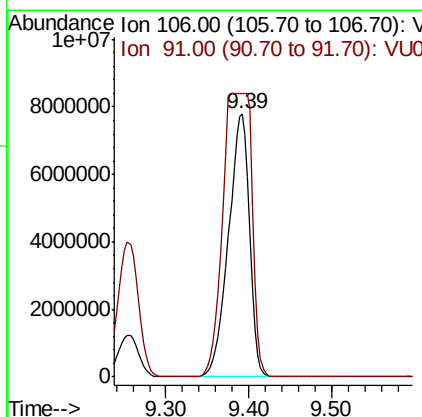
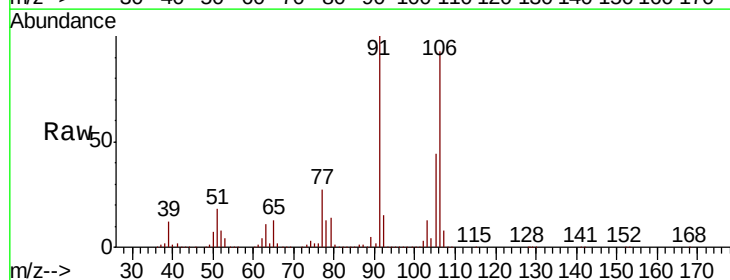
Manual Integrations
APPROVED

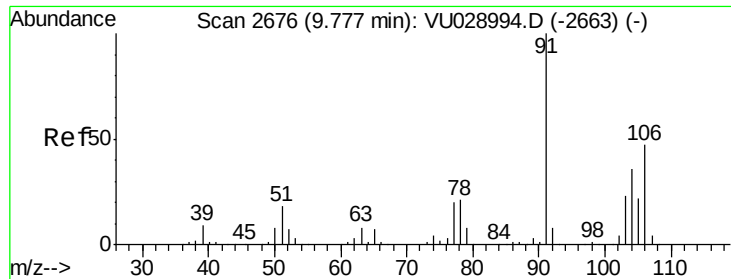
MMDadoda
1/11/2019 10:03:27 AM



#68
m/p-Xylenes
Concen: 4847.782 ug/l
RT: 9.39 min Scan# 2556
Delta R.T. 0.02 min
Lab File: VU029110.D
Acq: 10 Jan 2019 11:50

Tgt Ion: 106 Resp: 13775468
Ion Ratio Lower Upper
106 100
91 0.0 161.7 242.5#





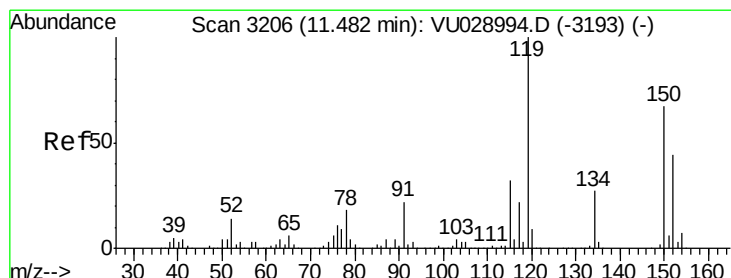
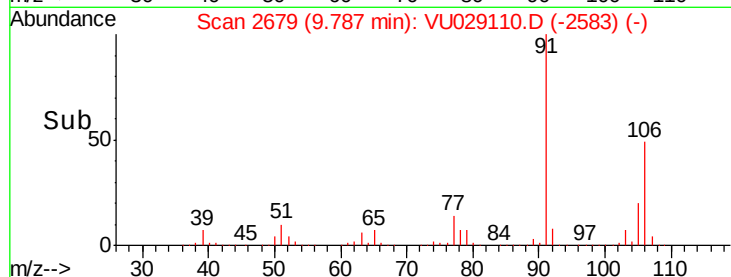
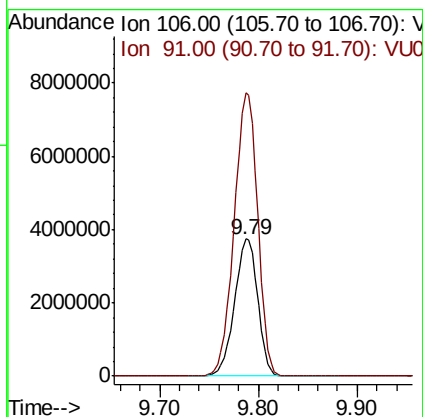
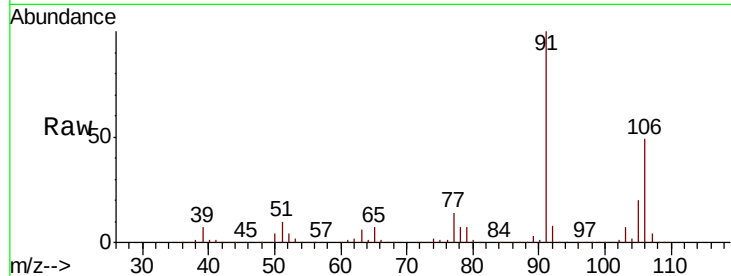
#69
o-Xylene
Concen: 2232.171 ug/l
RT: 9.79 min Scan# 2679
Delta R.T. 0.01 min
Lab File: VU029110.D
Acq: 10 Jan 2019 11:50

Instrument :
MSVOA_U
ClientSampleId :
CROSSWICKS-DRUM-1

Tgt Ion:106 Resp: 6111665
Ion Ratio Lower Upper
106 100
91 209.9 106.1 318.3

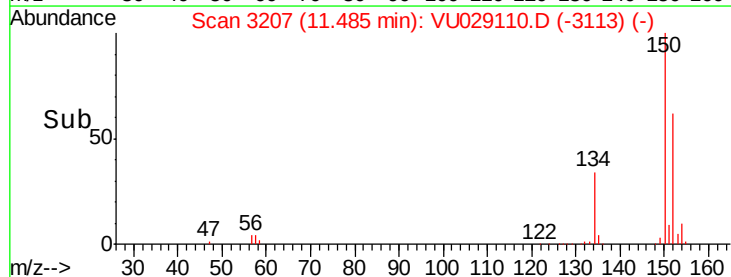
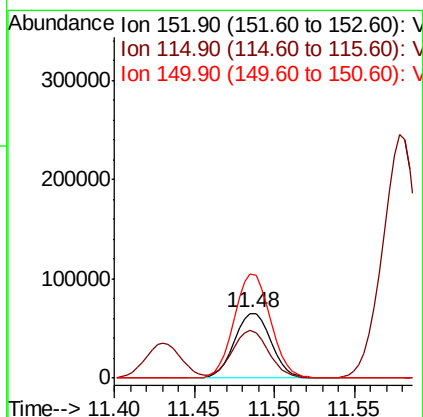
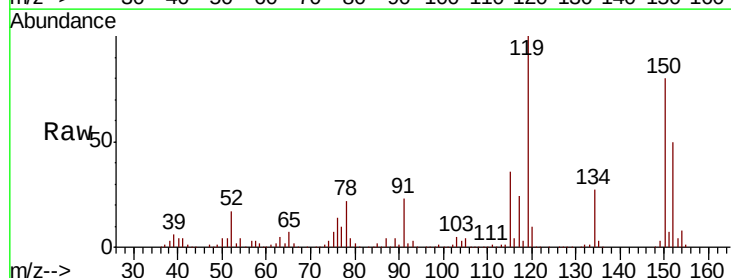
Manual Integrations
APPROVED

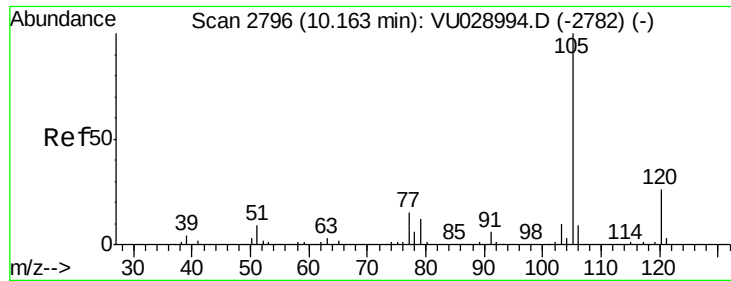
MMDadoda
1/11/2019 10:03:27 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU029110.D
Acq: 10 Jan 2019 11:50

Tgt Ion:152 Resp: 102264
Ion Ratio Lower Upper
152 100
115 73.2 40.1 120.3
150 159.4 0.0 345.2





#73

Isopropylbenzene

Concen: 37.806 ug/l

RT: 10.17 min Scan# 2798

Delta R.T. 0.01 min

Lab File: VU029110.D

Acq: 10 Jan 2019 11:50

Instrument :

MSVOA_U

ClientSampleId :

CROSSWICKS-DRUM-1

Tgt Ion: 105 Resp: 286164

Ion Ratio Lower Upper

105 100

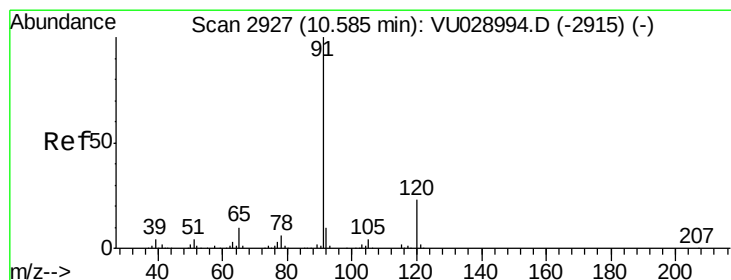
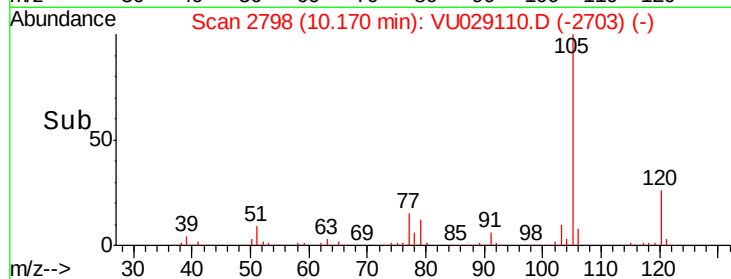
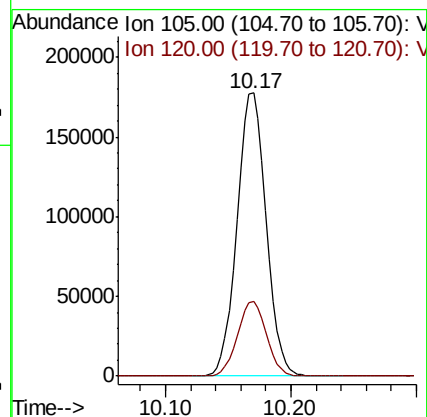
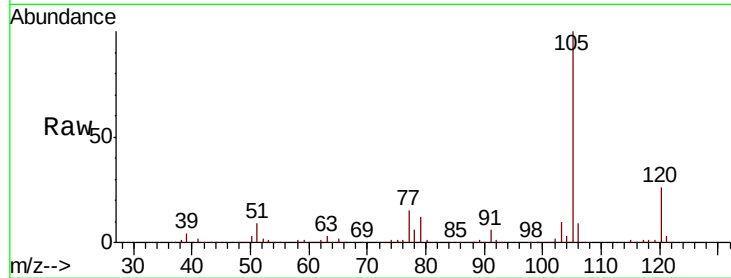
120 26.3 13.2 39.5

Manual Integrations

APPROVED

MMDadoda

1/11/2019 10:03:27 AM



#78

n-propylbenzene

Concen: 252.965 ug/l

RT: 10.59 min Scan# 2929

Delta R.T. 0.01 min

Lab File: VU029110.D

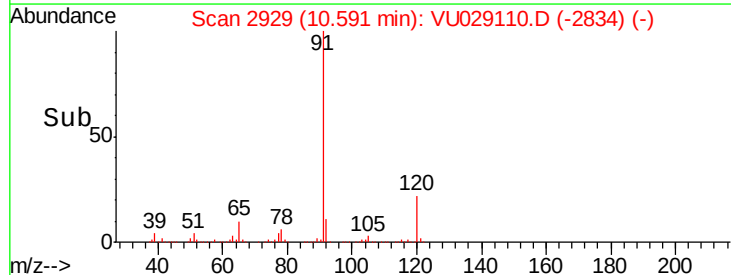
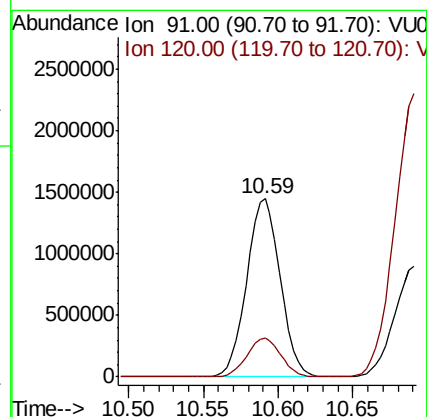
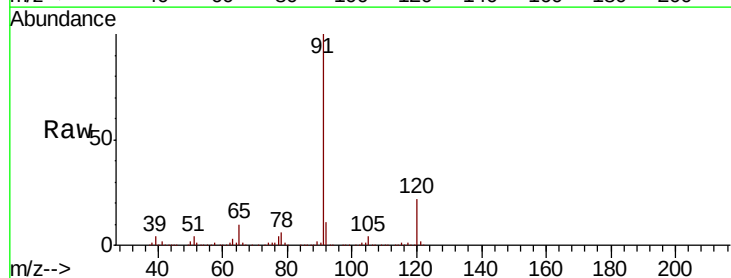
Acq: 10 Jan 2019 11:50

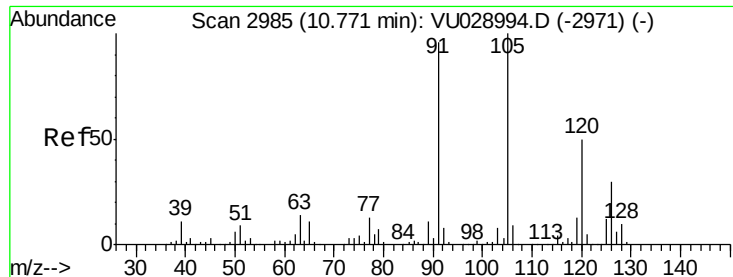
Tgt Ion: 91 Resp: 2256529

Ion Ratio Lower Upper

91 100

120 22.0 11.3 33.9





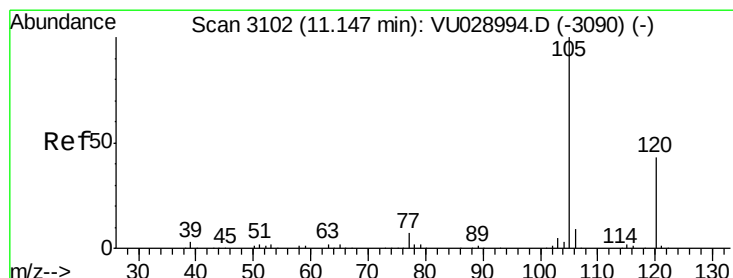
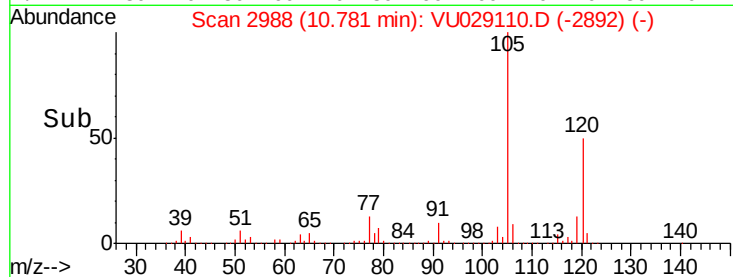
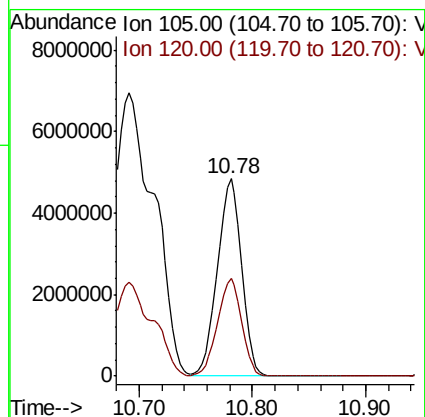
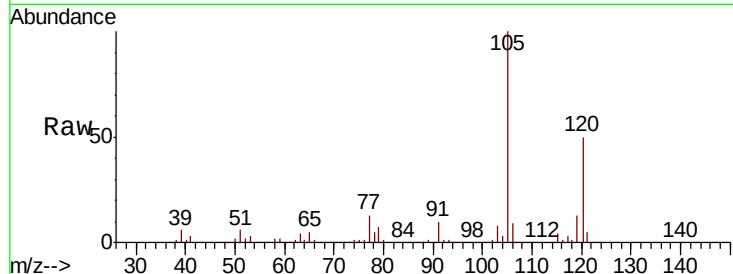
#80
 1,3,5-Trimethylbenzene
 Concen: 1137.935 ug/l
 RT: 10.78 min Scan# 2988
 Delta R.T. 0.01 min
 Lab File: VU029110.D
 Acq: 10 Jan 2019 11:50

Instrument :
 MSVOA_U
 ClientSampleId :
 CROSSWICKS-DRUM-1

Tgt Ion:105 Resp: 7192874
 Ion Ratio Lower Upper
 105 100
 120 49.3 24.8 74.4

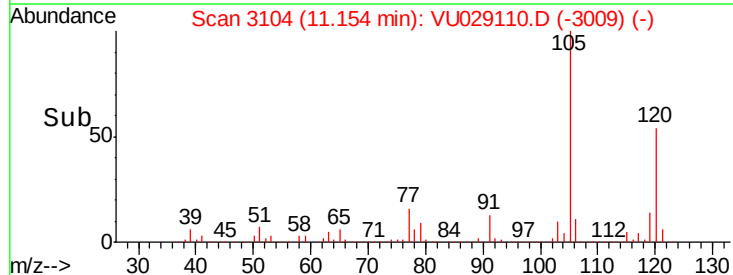
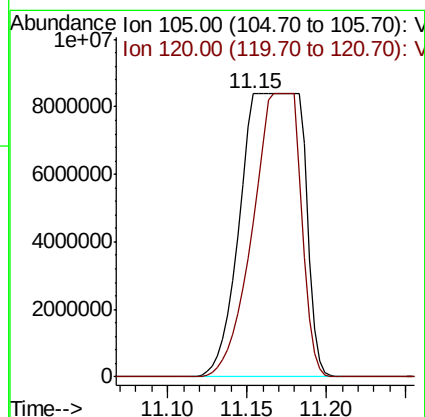
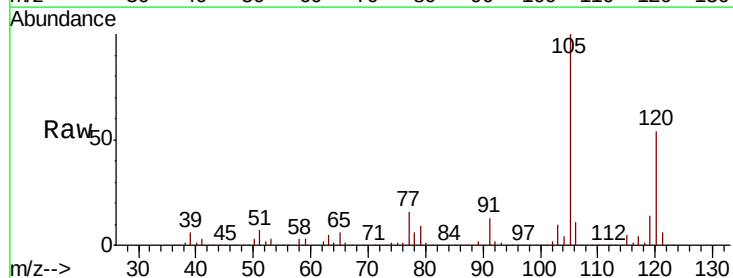
Manual Integrations
 APPROVED

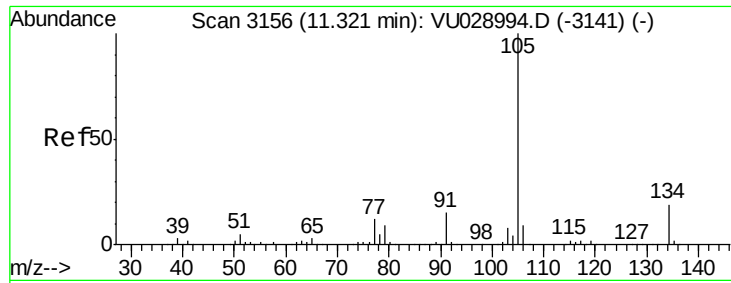
MMDadoda
 1/11/2019 10:03:27 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 3688.141 ug/l m
 RT: 11.15 min Scan# 3104
 Delta R.T. 0.01 min
 Lab File: VU029110.D
 Acq: 10 Jan 2019 11:50

Tgt Ion:105 Resp:23275310
 Ion Ratio Lower Upper
 105 100
 120 10.3 23.1 69.3#





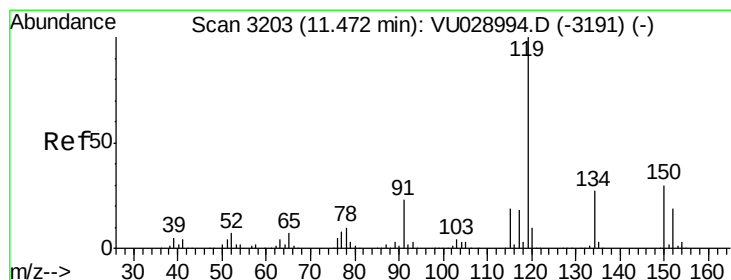
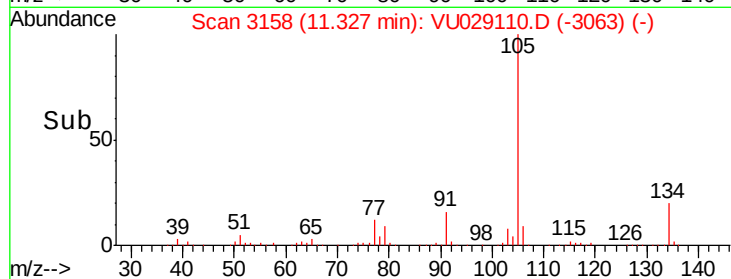
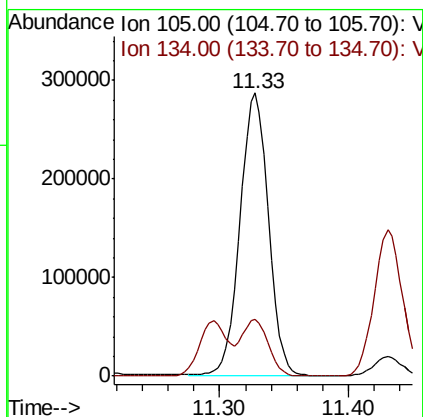
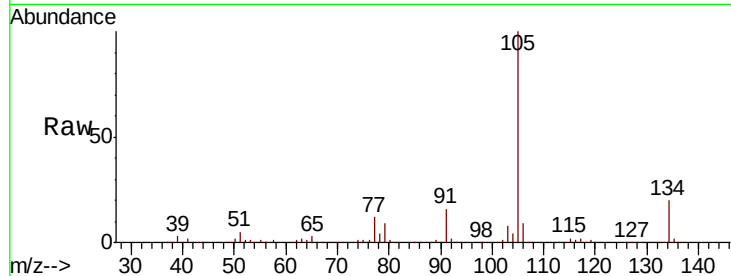
#85
 sec-Butylbenzene
 Concen: 58.157 ug/l
 RT: 11.33 min Scan# 3158
 Delta R.T. 0.01 min
 Lab File: VU029110.D
 Acq: 10 Jan 2019 11:50

Instrument :
 MSVOA_U
 ClientSampleId :
 CROSSWICKS-DRUM-1

Tgt Ion:105 Resp: 438197
 Ion Ratio Lower Upper
 105 100
 134 18.8 9.7 29.1

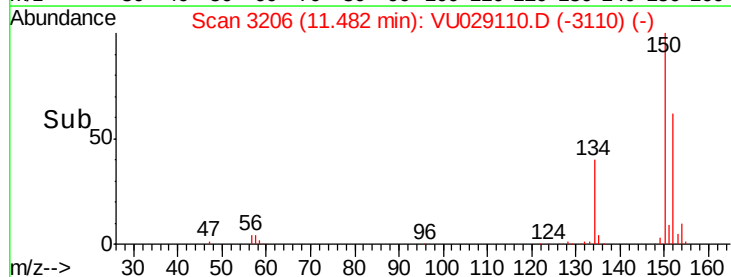
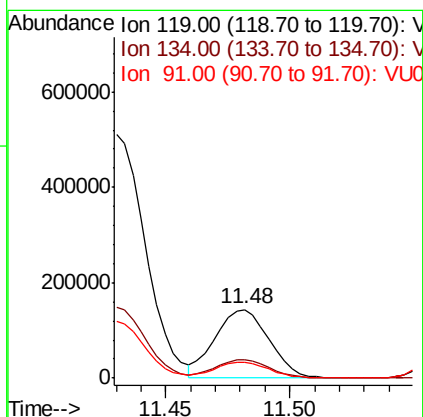
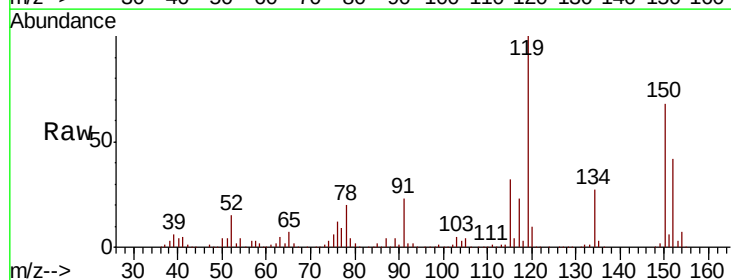
Manual Integrations
 APPROVED

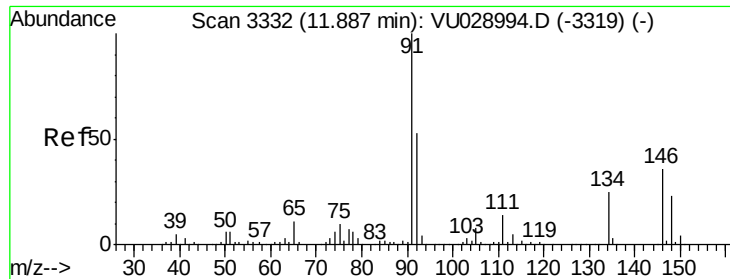
MMDadoda
 1/11/2019 10:03:27 AM



#86
 p-Isopropyltoluene
 Concen: 33.920 ug/l m
 RT: 11.48 min Scan# 3206
 Delta R.T. 0.01 min
 Lab File: VU029110.D
 Acq: 10 Jan 2019 11:50

Tgt Ion:119 Resp: 217786
 Ion Ratio Lower Upper
 119 100
 134 103.9 13.5 40.4#
 91 84.5 11.3 33.8#





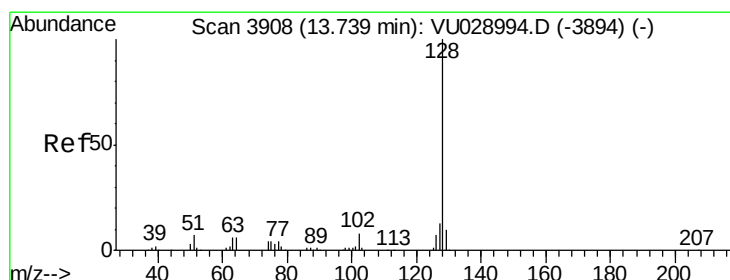
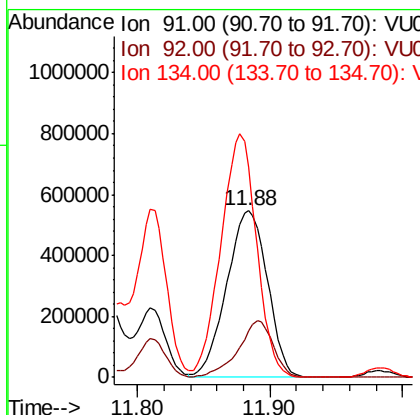
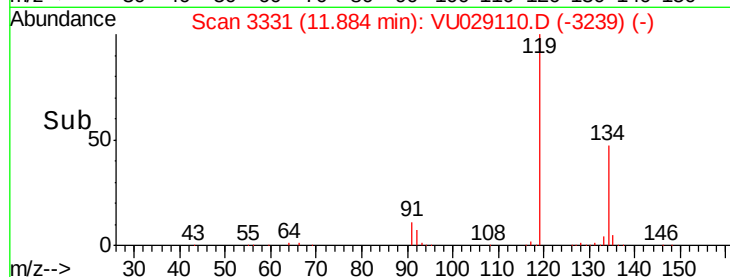
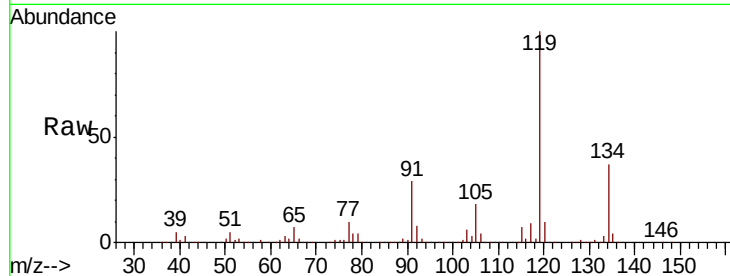
#89
n-Butylbenzene
Concen: 202.537 ug/l
RT: 11.88 min Scan# 3331
Delta R.T. -0.00 min
Lab File: VU029110.D
Acq: 10 Jan 2019 11:50

Instrument :
MSVOA_U
ClientSampleId :
CROSSWICKS-DRUM-1

Tgt Ion: 91 Resp: 1160638
Ion Ratio Lower Upper
91 100
92 29.2 26.2 78.5
134 128.3 12.6 37.6#

Manual Integrations
APPROVED

MMDadoda
1/11/2019 10:03:27 AM



#95
Naphthalene
Concen: 1.839 ug/l
RT: 13.75 min Scan# 3911
Delta R.T. 0.01 min
Lab File: VU029110.D
Acq: 10 Jan 2019 11:50

Tgt Ion: 128 Resp: 14557
Ion Ratio Lower Upper
128 100
127 11.9 10.1 15.1
129 10.6 8.5 12.7

