

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011519\
 Data File : VU029192.D
 Acq On : 15 Jan 2019 17:57
 Operator : JC/SP
 Sample : K1139-08
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 S-4

Manual Integrations
 APPROVED

MMDadoda
 1/16/2019 9:42:09 AM

Quant Time: Jan 16 06:50:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 12 01:33:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	107682	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	190793	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	183559	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	82711	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	75362	56.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.22%	
35) Dibromofluoromethane	4.88	113	64815	52.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.82%	
50) Toluene-d8	7.56	98	254724	52.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.34%	
62) 4-Bromofluorobenzene	10.30	95	82589	47.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.14%	
Target Compounds						
					Qvalue	
16) Acetone	2.32	43	10481	12.499	ug/l	98
20) Methylene Chloride	2.70	84	276100	193.921	ug/l	97
43) Isopropyl Acetate	5.55	43	7477	2.328	ug/l	95
67) Ethyl Benzene	9.25	91	682091	99.293	ug/l	100
68) m/p-Xylenes	9.37	106	1337474	501.092	ug/l	100
69) o-Xylene	9.78	106	703088	273.384	ug/l	98
73) Isopropylbenzene	10.16	105	20021	3.270	ug/l	100
78) n-propylbenzene	10.58	91	111105	15.400	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	489044	95.658	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	2787503	546.118	ug/l	99
85) sec-Butylbenzene	11.32	105	12148m	1.993	ug/l	
86) p-Isopropyltoluene	11.48	119	6562m	1.264	ug/l	
95) Naphthalene	13.74	128	32573	5.089	ug/l	99

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

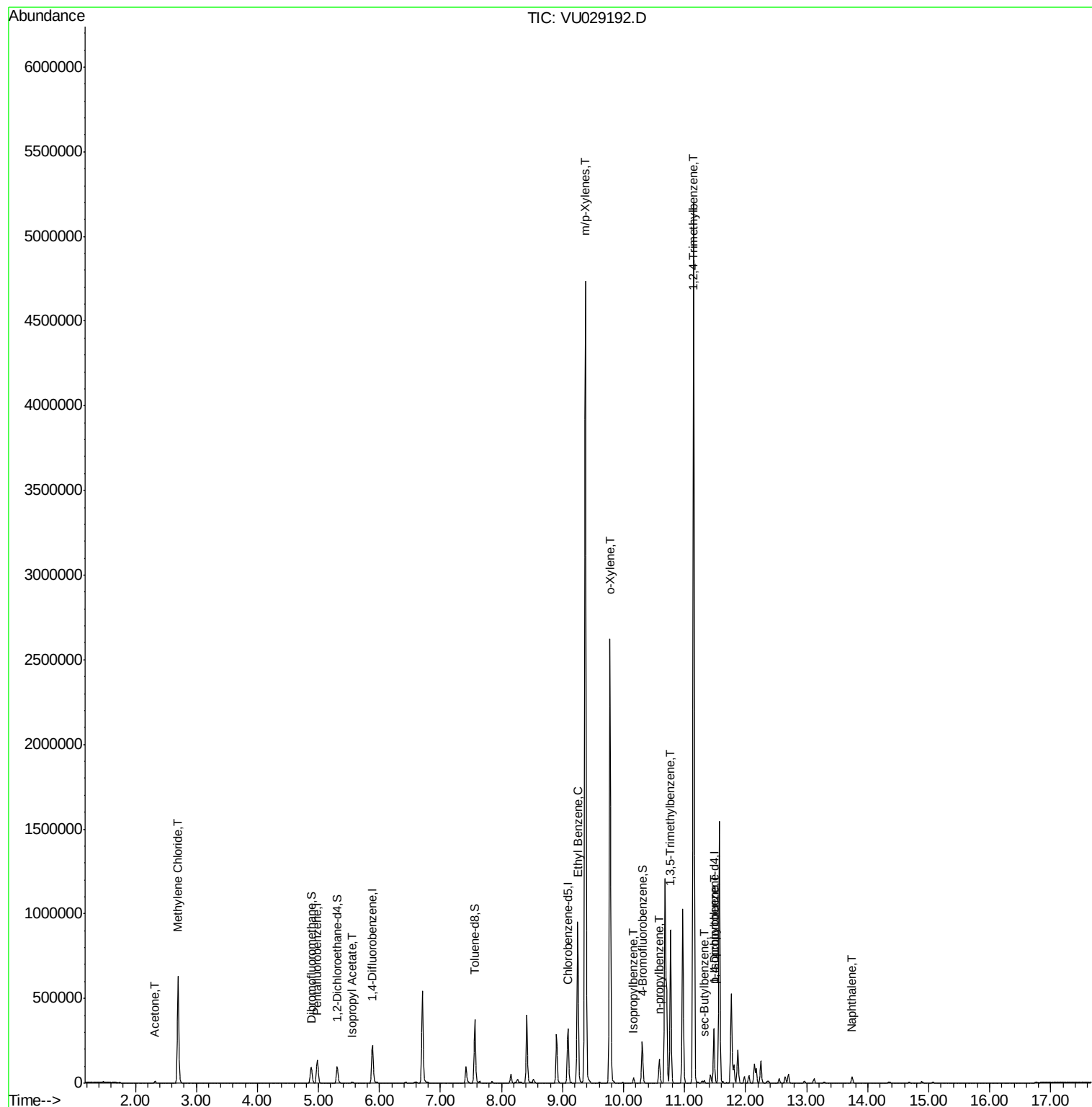
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU011519\
Data File : VU029192.D
Acq On : 15 Jan 2019 17:57
Operator : JC/SP
Sample : K1139-08
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 23 Sample Multiplier: 1

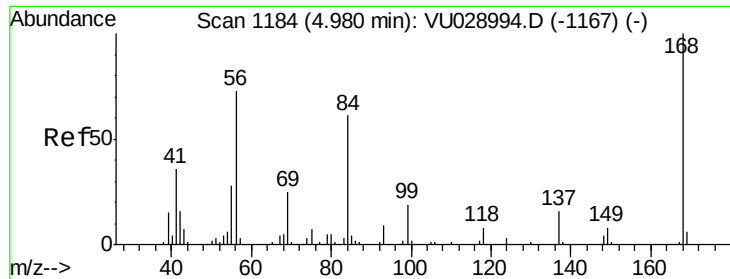
Instrument :
MSVOA_U
ClientSampleId :
S-4

Manual Integrations
APPROVED

MMDadoda
1/16/2019 9:42:09 AM

Quant Time: Jan 16 06:50:29 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
Quant Title : SW846 8260
QLast Update : Sat Jan 12 01:33:59 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1184

Delta R.T. 0.00 min

Lab File: VU029192.D

Acq: 15 Jan 2019 17:57

Instrument :
MSVOA_U
ClientSampled :
S-4

Tot Ion:168 Resp: 107682

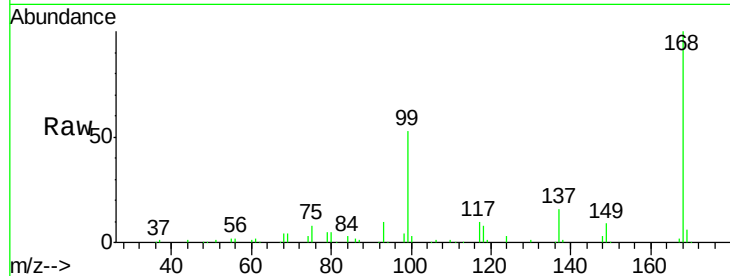
Ion Ratio Lower Upper

168 100

99 53.0 42.0 63.0

Manual Integrations
APPROVED

MMDadoda
1/16/2019 9:42:09 AM



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

Ion 98.90 (98.60 to 99.60): VU028994.D (-1167) (-)

4.98

50000

40000

30000

20000

10000

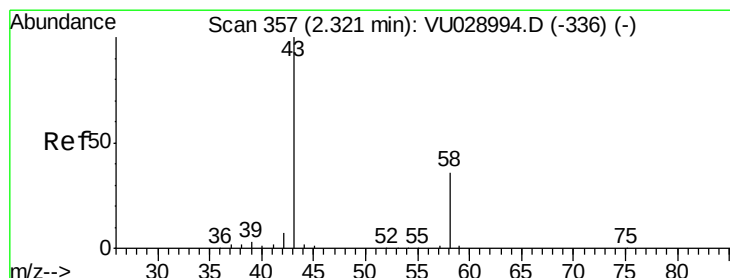
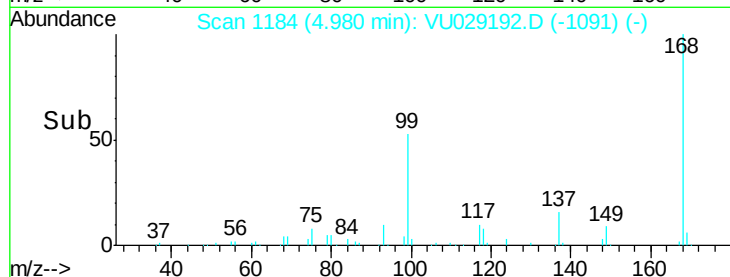
0

4.90

5.00

5.10

Time-->



#16

Acetone

Concen: 12.499 ug/l

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU029192.D

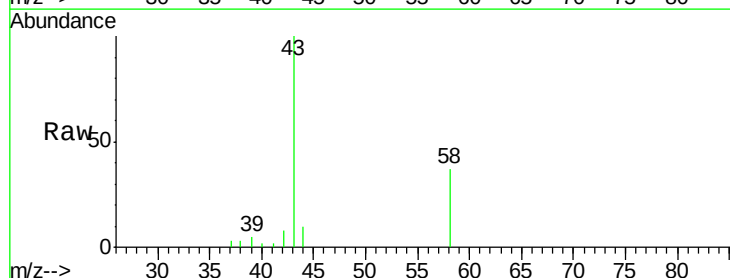
Acq: 15 Jan 2019 17:57

Tgt Ion: 43 Resp: 10481

Ion Ratio Lower Upper

43 100

58 36.9 28.6 42.8



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

Ion 58.00 (57.70 to 58.70): VU028994.D (-336) (-)

2.32

6000

4000

2000

0

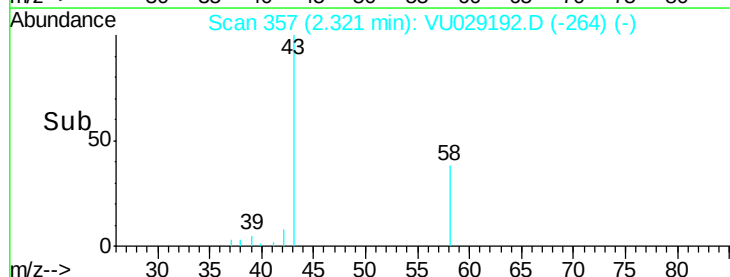
2.25

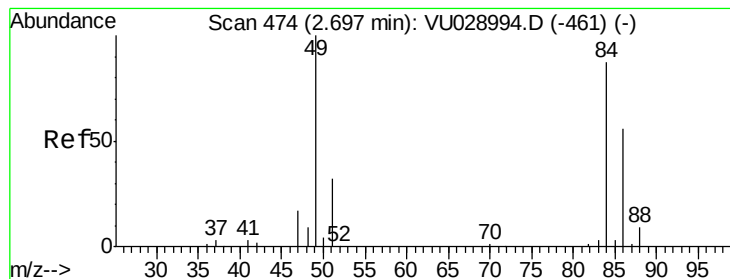
2.30

2.35

2.40

Time-->





#20

Methylene Chloride

Concen: 193.921 ug/l

RT: 2.70 min Scan# 475

Delta R.T. 0.00 min

Lab File: VU029192.D

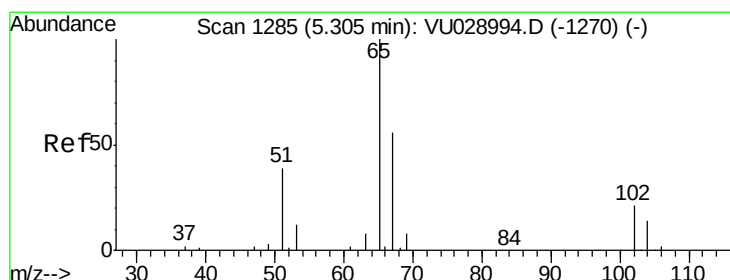
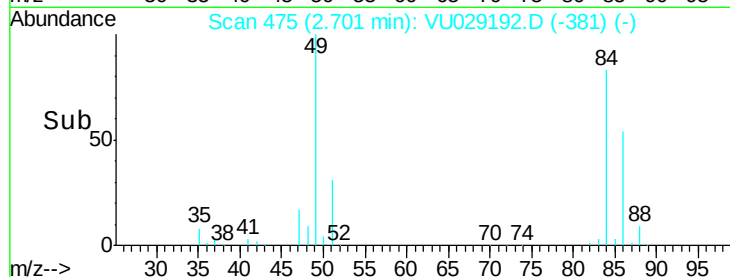
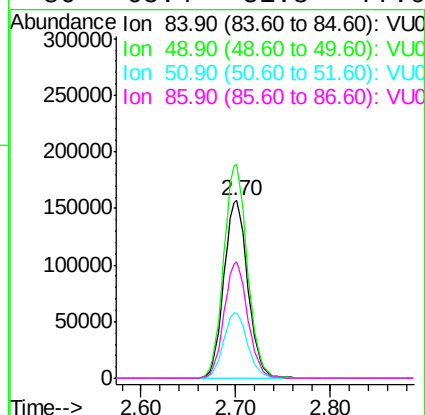
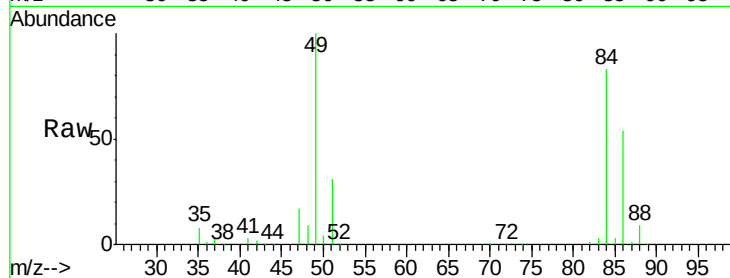
Acq: 15 Jan 2019 17:57

Instrument :
MSVOA_U
ClientSampled :
S-4

Tot Ion	84	Resp	276100
Ion Ratio	Lower	Upper	
84	100		
49	120.2	91.9	137.9
51	36.7	29.2	43.8
86	65.4	51.8	77.6

Manual Integrations
APPROVED

MMDadoda
1/16/2019 9:42:09 AM



#33

1,2-Dichloroethane-d4

Concen: 56.614 ug/l

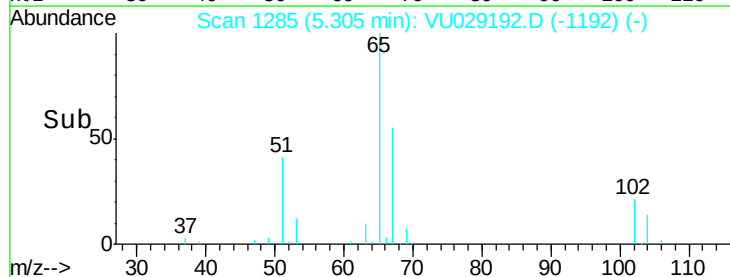
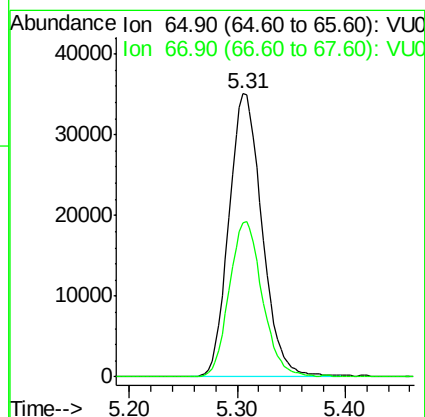
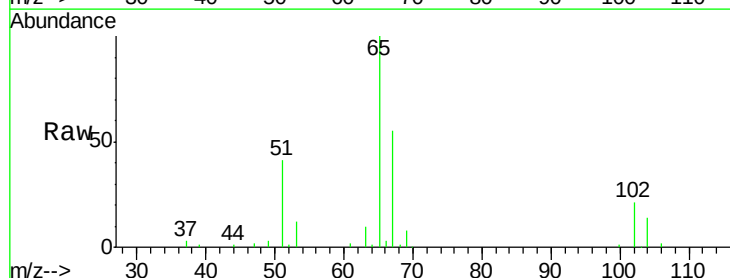
RT: 5.31 min Scan# 1285

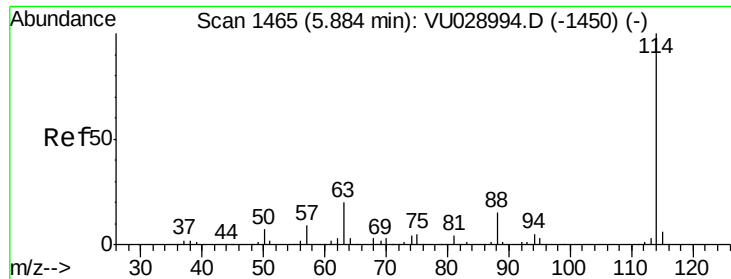
Delta R.T. 0.00 min

Lab File: VU029192.D

Acq: 15 Jan 2019 17:57

Tgt Ion	65	Resp	75362
Ion Ratio	Lower	Upper	
65	100		
67	54.6	0.0	111.0





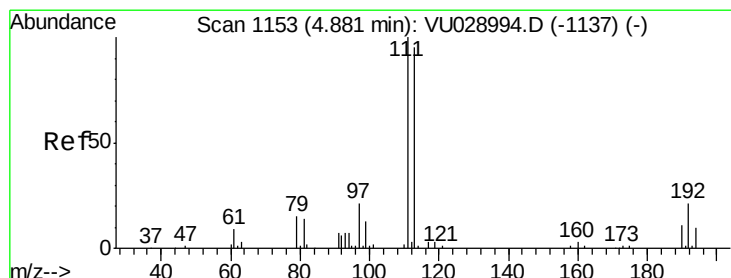
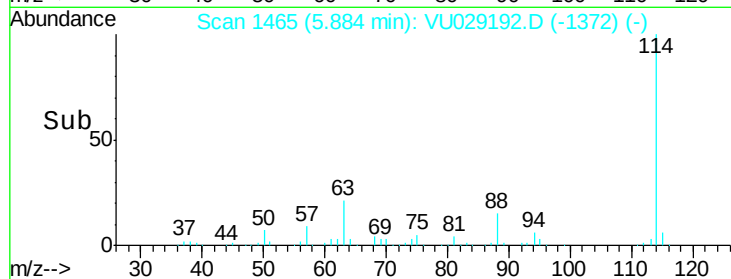
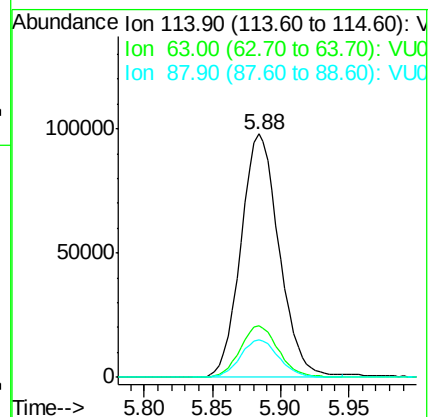
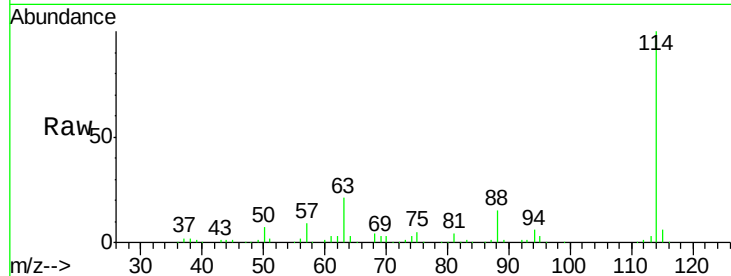
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: VU029192.D
 Acq: 15 Jan 2019 17:57

Instrument :
 MSVOA_U
 ClientSampled :
 S-4

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	21.3	0.0	40.2
88	15.3	0.0	30.4

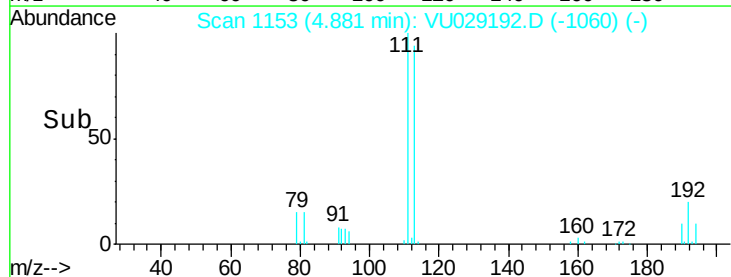
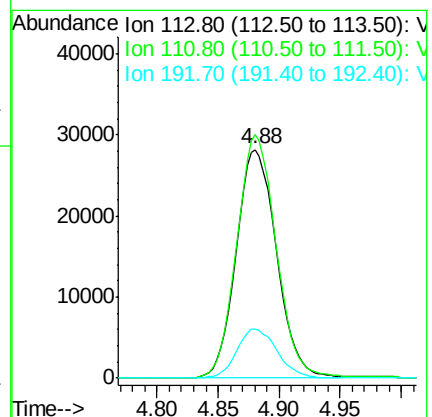
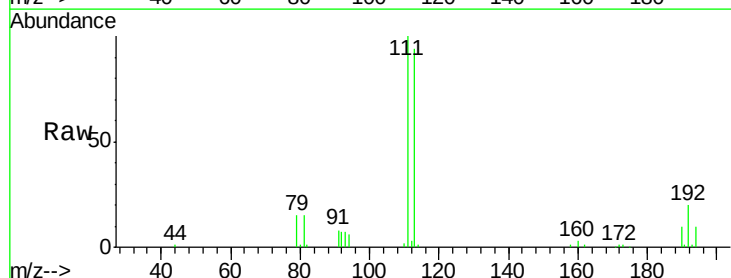
Manual Integrations
 APPROVED

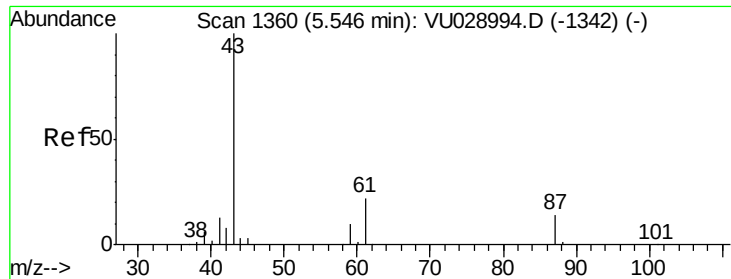
MMDadoda
 1/16/2019 9:42:09 AM



#35
 Dibromofluoromethane
 Concen: 52.406 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: VU029192.D
 Acq: 15 Jan 2019 17:57

Tgt Ion	Ratio	Resp Lower	Upper
113	100		
111	104.0	81.4	122.2
192	21.3	16.8	25.2





#43

Isopropyl Acetate

Concen: 2.328 ug/l

RT: 5.55 min Scan# 1361

Delta R.T. 0.00 min

Lab File: VU029192.D

Acq: 15 Jan 2019 17:57

Instrument :

MSVOA_U

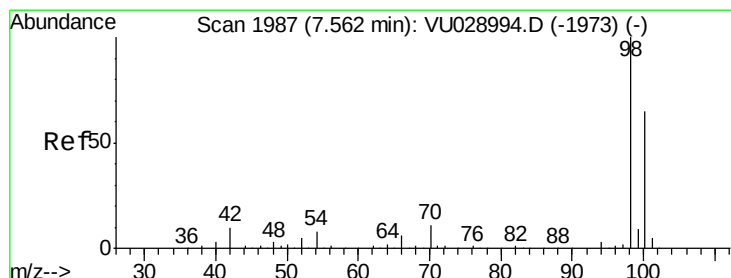
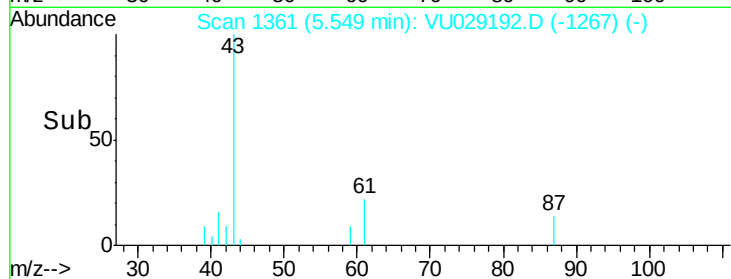
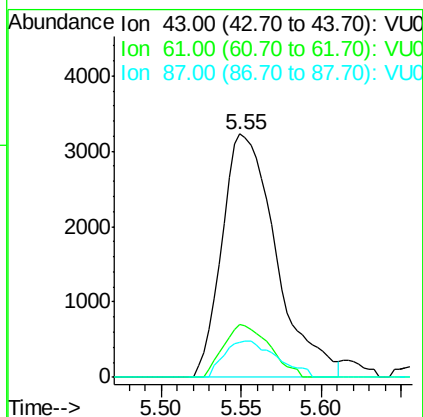
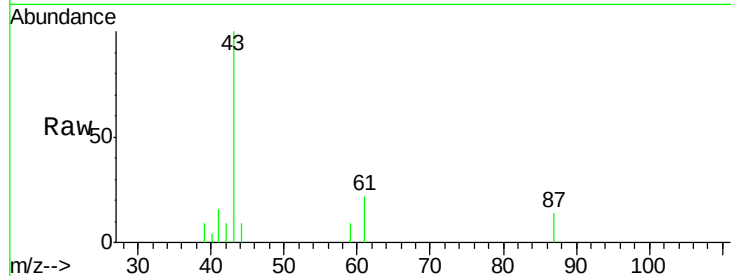
ClientSampleId :

S-4

Tot Ion:	43	Resp:	7477
Ion	Ratio	Lower	Upper
43	100		
61	18.5	17.8	26.6
87	14.4	11.3	16.9

Manual Integrations
APPROVED

MMDadoda
1/16/2019 9:42:09 AM



#50

Toluene-d8

Concen: 52.169 ug/l

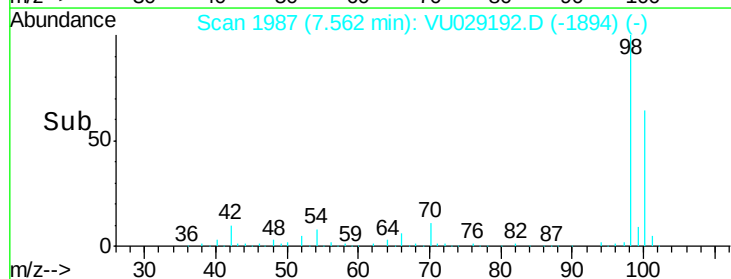
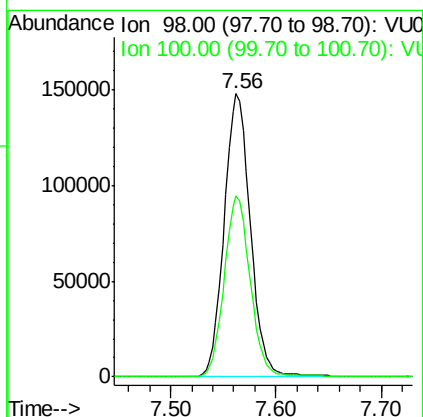
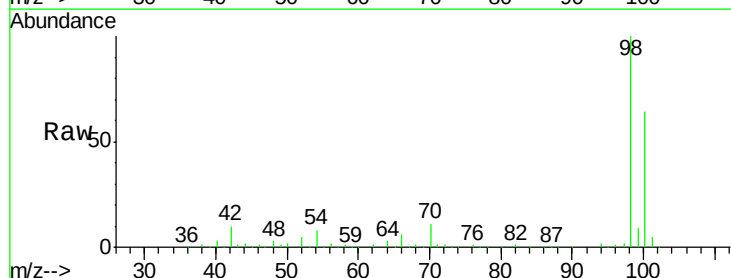
RT: 7.56 min Scan# 1987

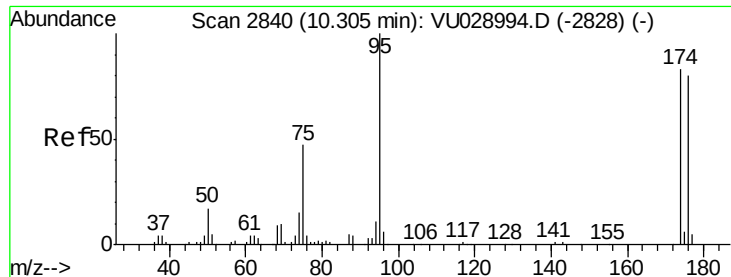
Delta R.T. 0.00 min

Lab File: VU029192.D

Acq: 15 Jan 2019 17:57

Tgt Ion:	98	Resp:	254724
Ion	Ratio	Lower	Upper
98	100		
100	63.4	51.6	77.4





#62

4-Bromofluorobenzene

Concen: 47.067 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. 0.00 min

Lab File: VU029192.D

Acq: 15 Jan 2019 17:57

Instrument :

MSVOA_U

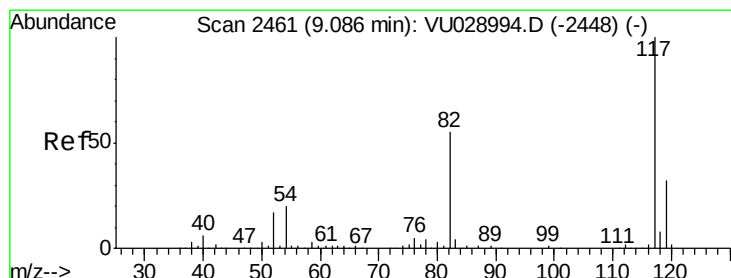
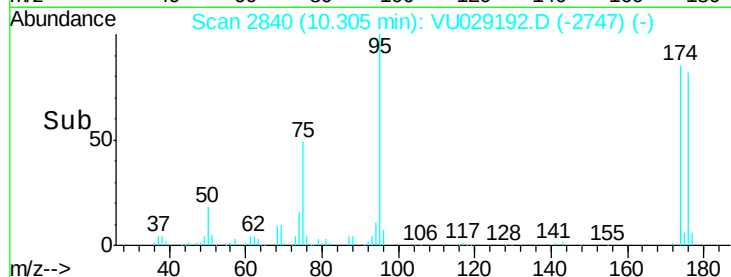
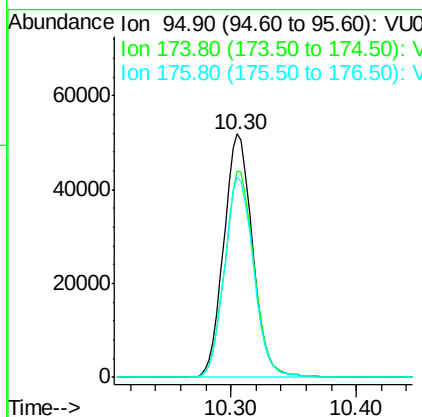
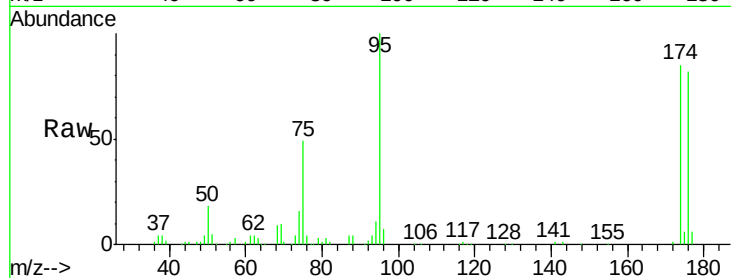
ClientSampleId :

S-4

Tot Ion:	95	Resp:	82589
Ion	Ratio	Lower	Upper
95	100		
174	86.1	0.0	170.6
176	83.4	0.0	165.0

Manual Integrations
APPROVED

MMDadoda
1/16/2019 9:42:09 AM



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

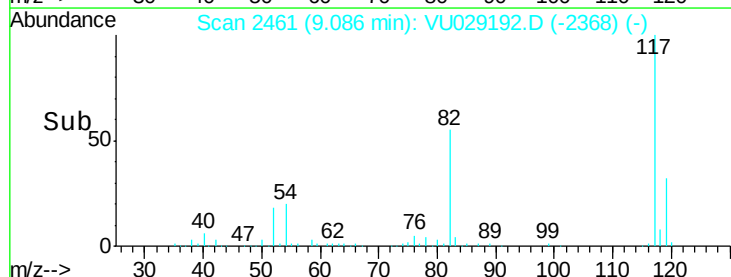
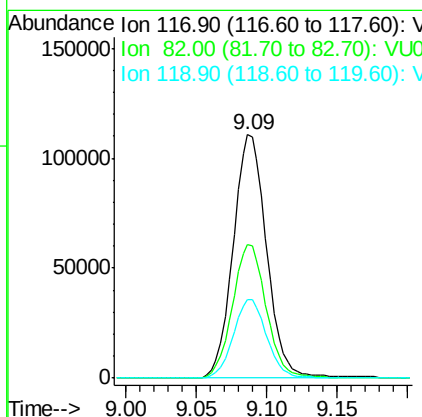
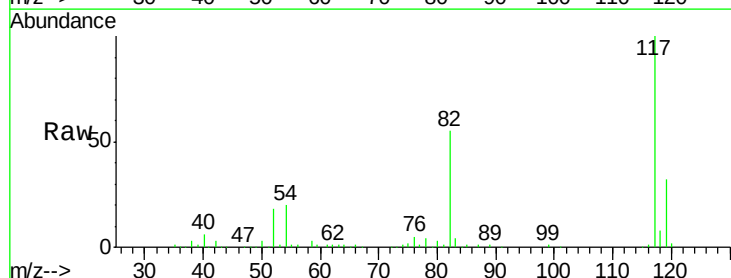
RT: 9.09 min Scan# 2461

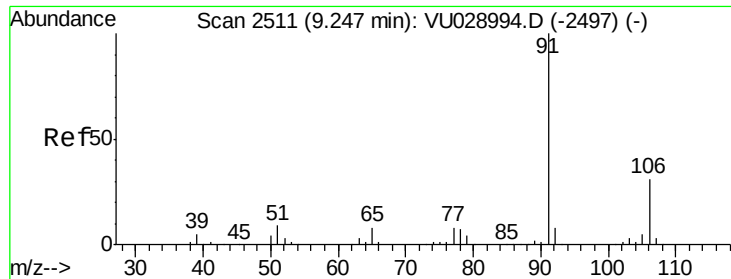
Delta R.T. 0.00 min

Lab File: VU029192.D

Acq: 15 Jan 2019 17:57

Tgt Ion:	117	Resp:	183559
Ion	Ratio	Lower	Upper
117	100		
82	54.8	43.9	65.9
119	32.2	26.0	39.0





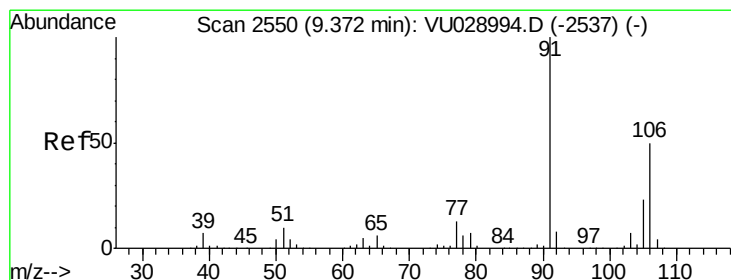
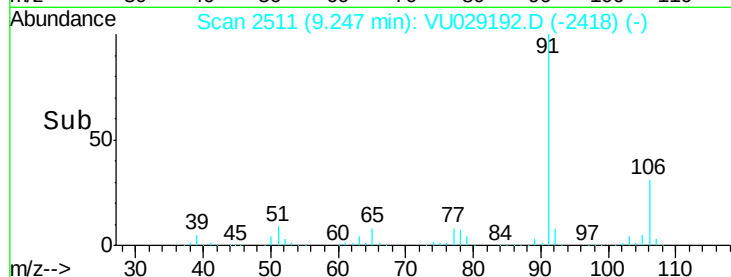
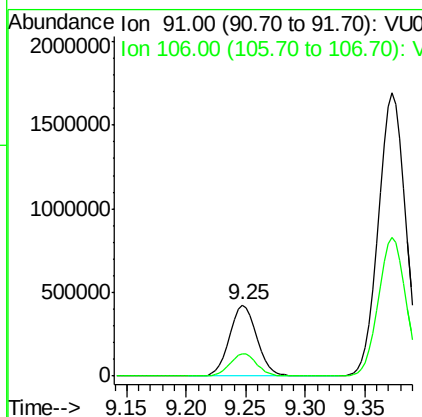
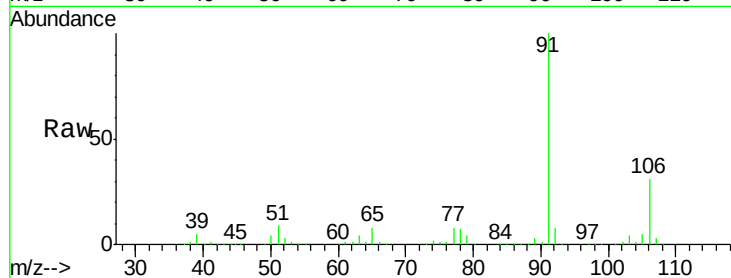
#67
Ethyl Benzene
Concen: 99.293 ug/l
RT: 9.25 min Scan# 2511
Delta R.T. 0.00 min
Lab File: VU029192.D
Acq: 15 Jan 2019 17:57

Instrument :
MSVOA_U
ClientSampleId :
S-4

Tot Ion	Ratio	Lower	Upper
91	100		
106	31.3	25.0	37.4

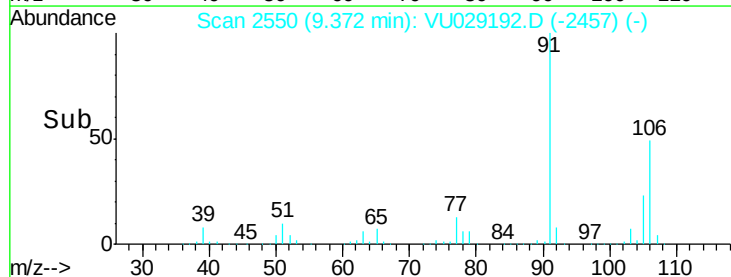
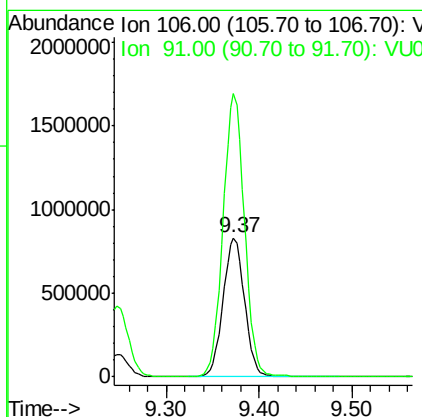
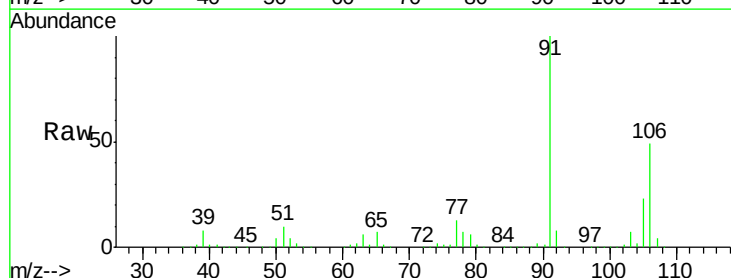
Manual Integrations
APPROVED

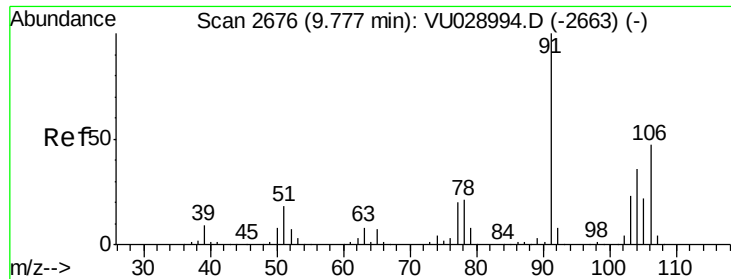
MMDadoda
1/16/2019 9:42:09 AM



#68
m/p-Xylenes
Concen: 501.092 ug/l
RT: 9.37 min Scan# 2550
Delta R.T. 0.00 min
Lab File: VU029192.D
Acq: 15 Jan 2019 17:57

Tgt Ion	Ratio	Lower	Upper
106	100		
91	202.4	161.7	242.5





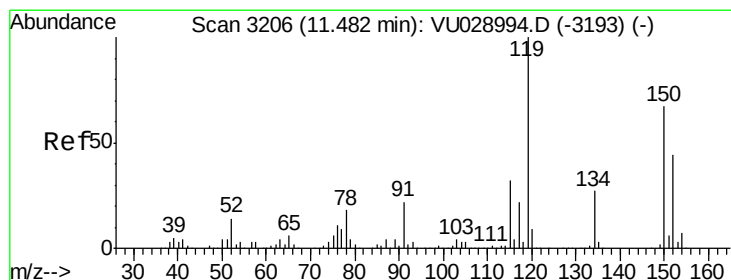
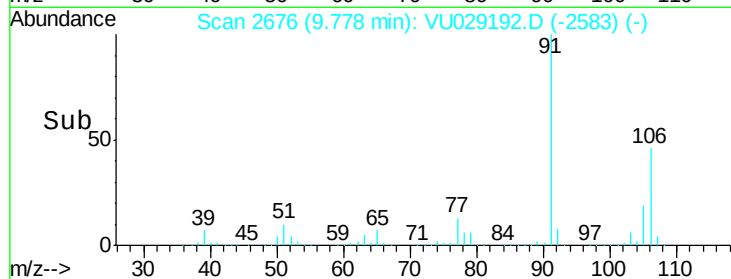
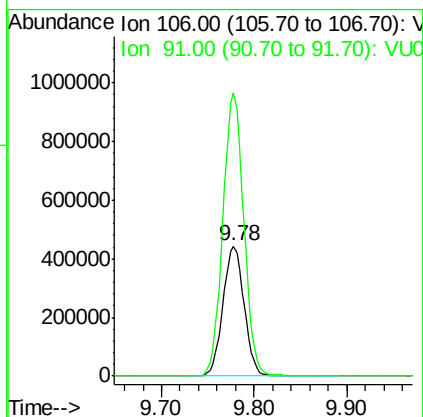
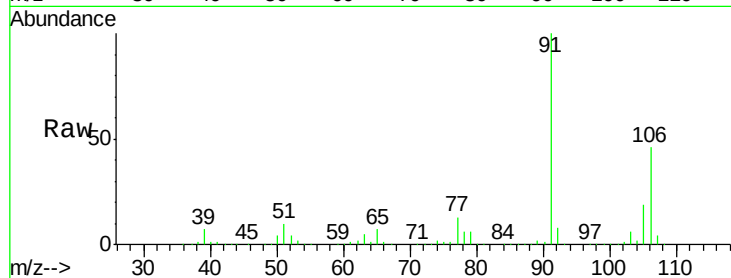
#69
o-Xylene
Concen: 273.384 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. 0.00 min
Lab File: VU029192.D
Acq: 15 Jan 2019 17:57

Instrument :
MSVOA_U
ClientSampled :
S-4

Tot Ion:106 Resp: 703088
Ion Ratio Lower Upper
106 100
91 215.4 106.1 318.3

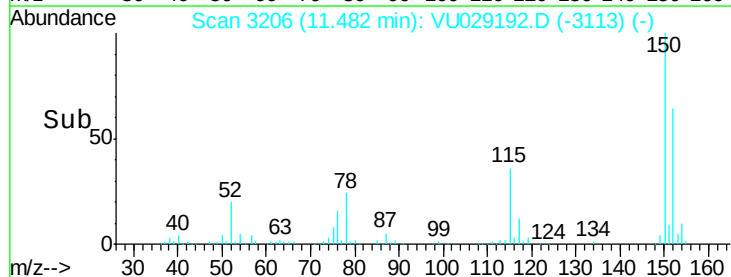
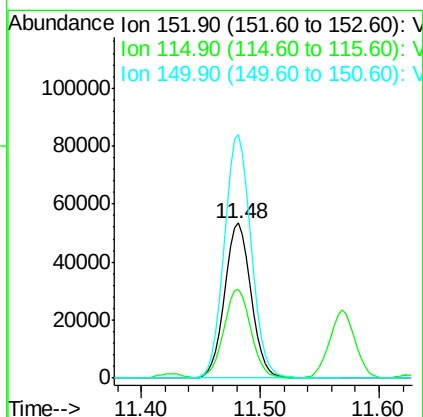
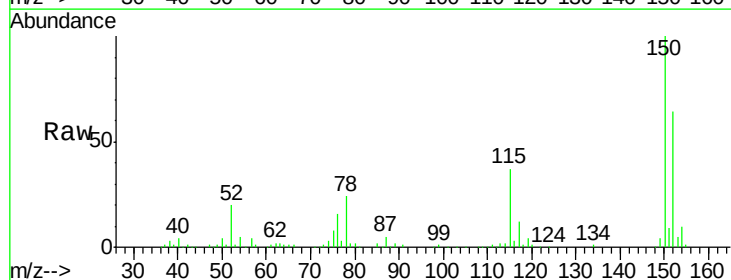
Manual Integrations
APPROVED

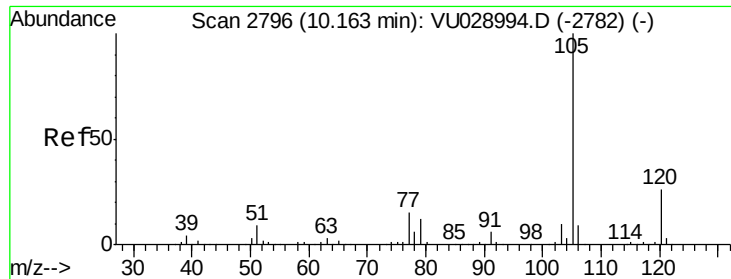
MMDadoda
1/16/2019 9:42:09 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. 0.00 min
Lab File: VU029192.D
Acq: 15 Jan 2019 17:57

Tgt Ion:152 Resp: 82711
Ion Ratio Lower Upper
152 100
115 57.8 40.1 120.3
150 159.0 0.0 345.2





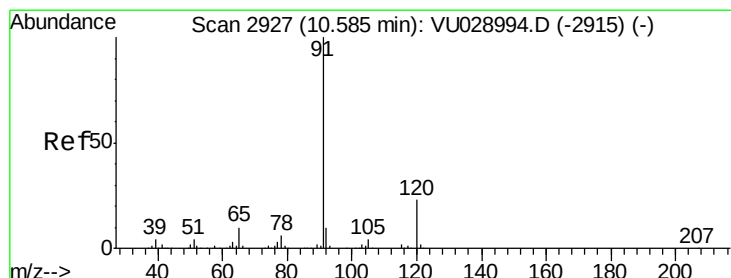
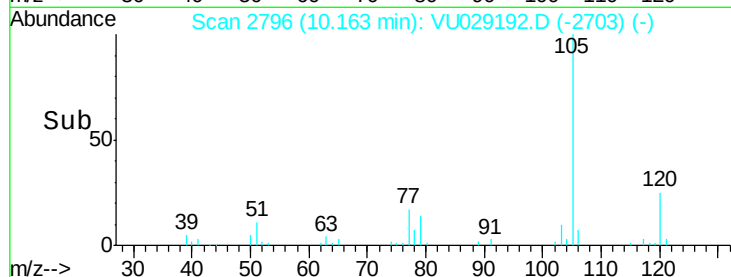
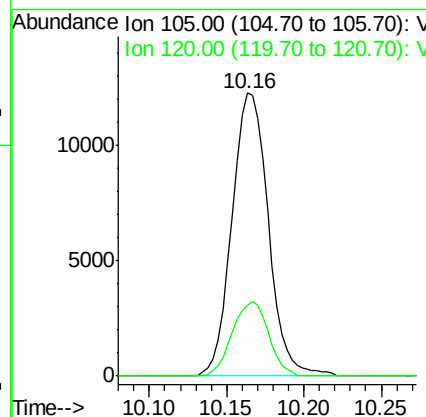
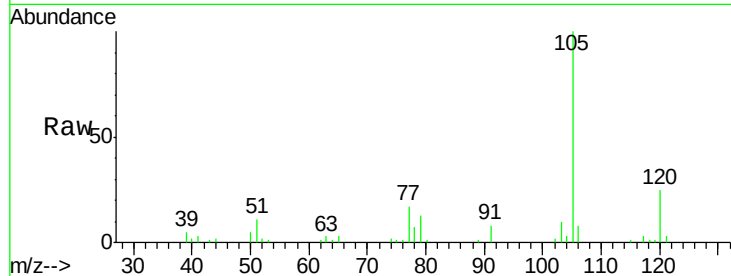
#73
Isopropylbenzene
Concen: 3.270 ug/l
RT: 10.16 min Scan# 2796
Delta R.T. 0.00 min
Lab File: VU029192.D
Acq: 15 Jan 2019 17:57

Instrument :
MSVOA_U
ClientSampled :
S-4

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.2	13.2	39.5

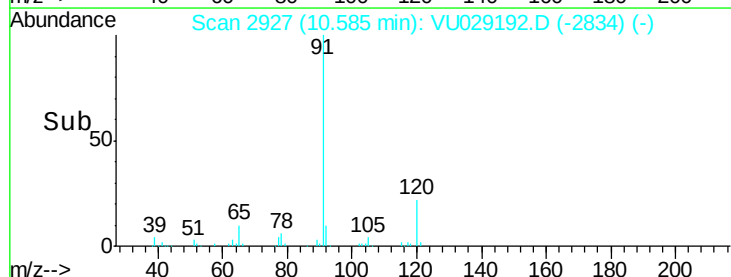
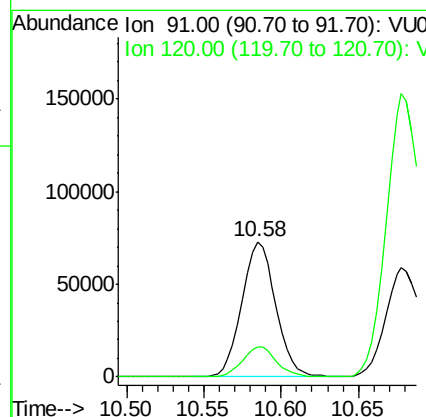
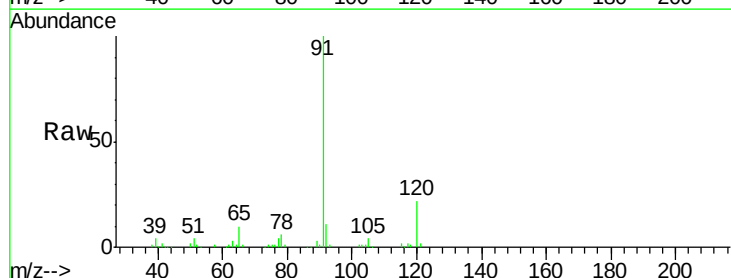
Manual Integrations
APPROVED

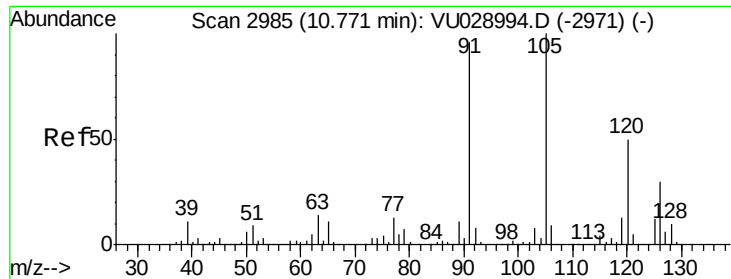
MMDadoda
1/16/2019 9:42:09 AM



#78
n-propylbenzene
Concen: 15.400 ug/l
RT: 10.58 min Scan# 2927
Delta R.T. 0.00 min
Lab File: VU029192.D
Acq: 15 Jan 2019 17:57

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.3	11.3	33.9





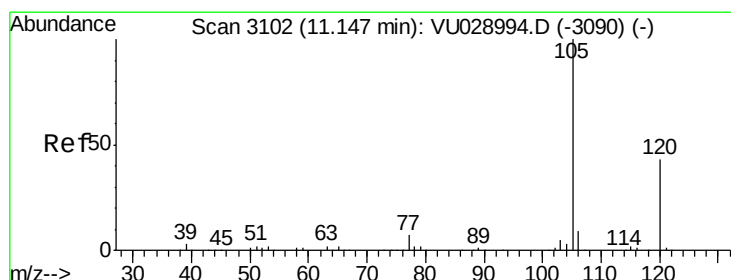
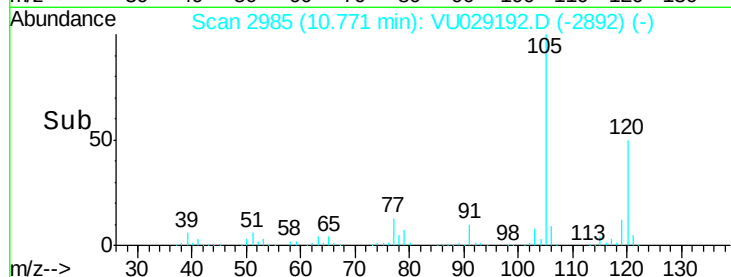
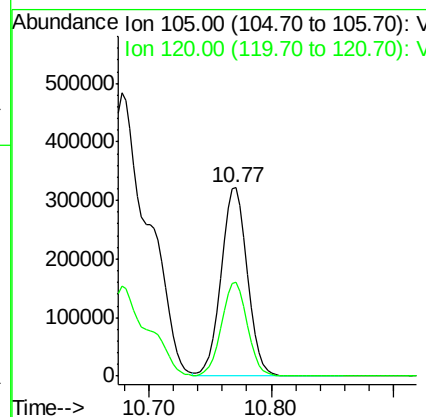
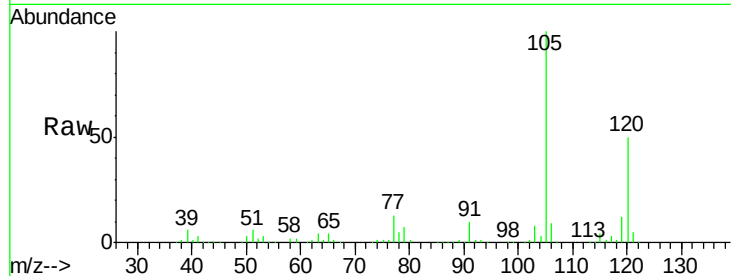
#80
 1,3,5-Trimethylbenzene
 Concen: 95.658 ug/l
 RT: 10.77 min Scan# 2985
 Delta R.T. 0.00 min
 Lab File: VU029192.D
 Acq: 15 Jan 2019 17:57

Instrument :
 MSVOA_U
 ClientSampleId :
 S-4

Tot Ion:105 Resp: 489044
 Ion Ratio Lower Upper
 105 100
 120 49.0 24.8 74.4

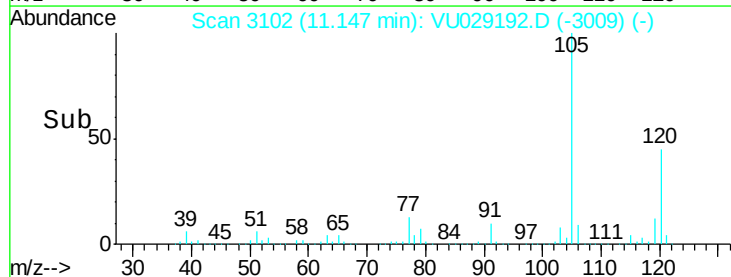
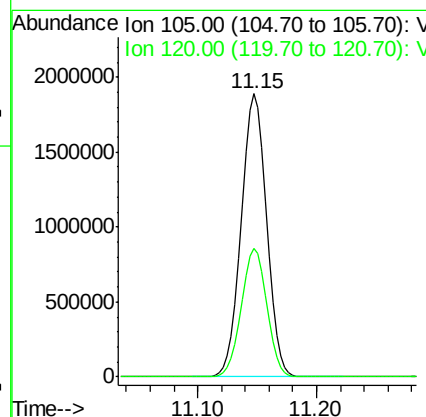
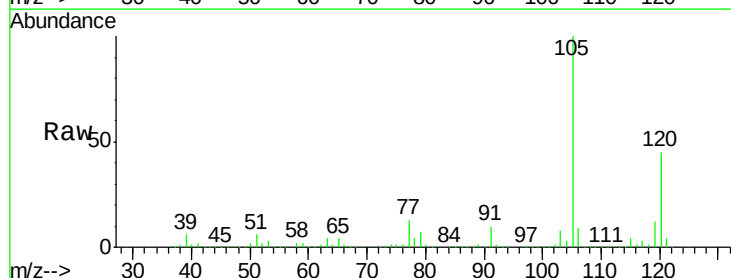
Manual Integrations
 APPROVED

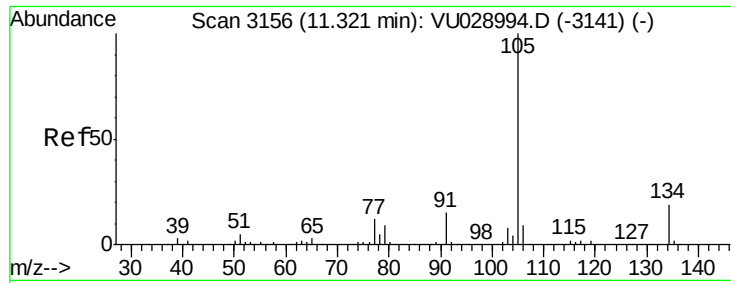
MMDadoda
 1/16/2019 9:42:09 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 546.118 ug/l
 RT: 11.15 min Scan# 3102
 Delta R.T. 0.00 min
 Lab File: VU029192.D
 Acq: 15 Jan 2019 17:57

Tgt Ion:105 Resp: 2787503
 Ion Ratio Lower Upper
 105 100
 120 45.6 23.1 69.3





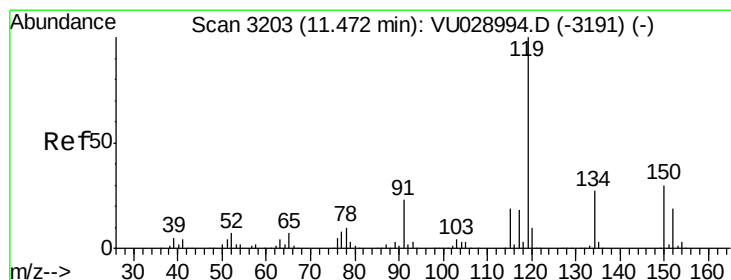
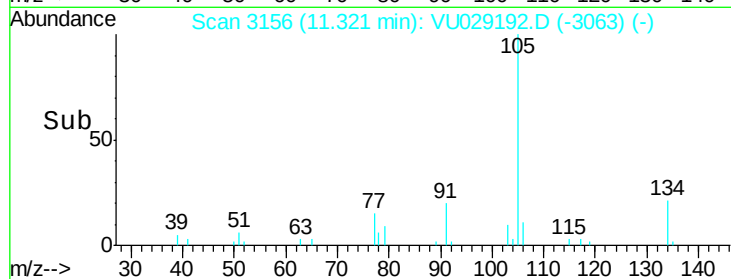
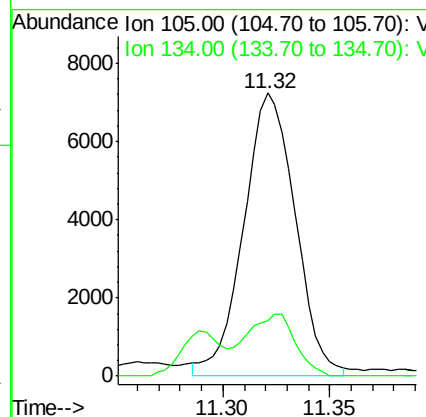
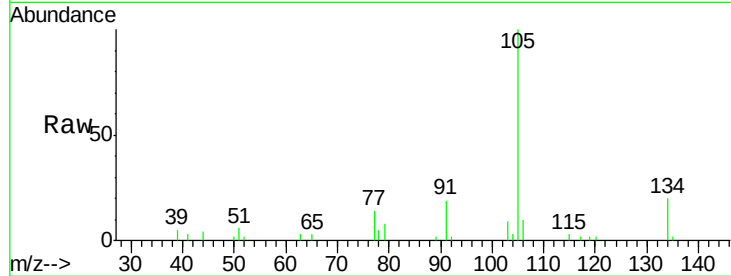
#85
 sec-Butylbenzene
 Concen: 1.993 ug/l m
 RT: 11.32 min Scan# 3156
 Delta R.T. 0.00 min
 Lab File: VU029192.D
 Acq: 15 Jan 2019 17:57

Instrument :
 MSVOA_U
 ClientSampleId :
 S-4

Tot Ion:105 Resp: 12148
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.7 29.1#

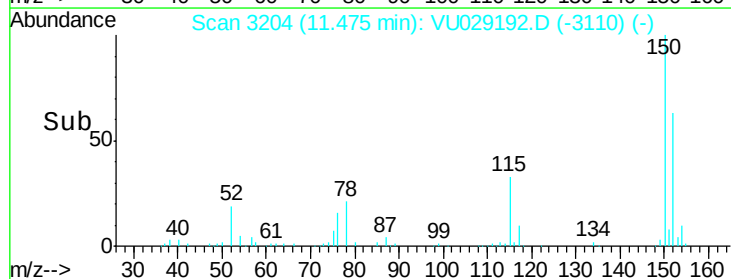
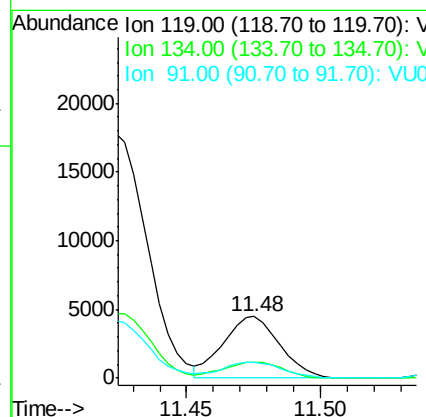
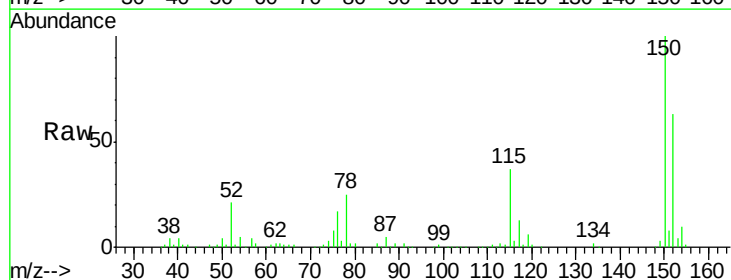
Manual Integrations
 APPROVED

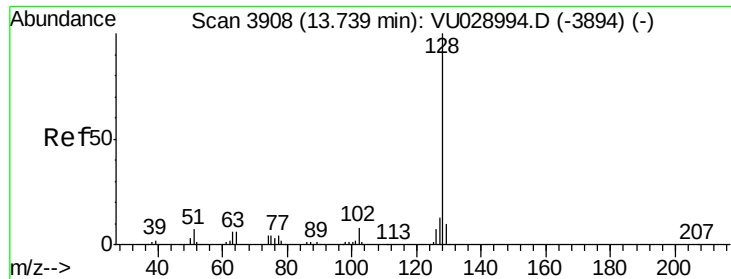
MMDadoda
 1/16/2019 9:42:09 AM



#86
 p-Isopropyltoluene
 Concen: 1.264 ug/l m
 RT: 11.48 min Scan# 3204
 Delta R.T. 0.00 min
 Lab File: VU029192.D
 Acq: 15 Jan 2019 17:57

Tgt Ion:119 Resp: 6562
 Ion Ratio Lower Upper
 119 100
 134 110.1 13.5 40.4#
 91 99.4 11.3 33.8#





#95
 Naphthalene
 Concen: 5.089 ug/l
 RT: 13.74 min Scan# 3909
 Delta R.T. 0.00 min
 Lab File: VU029192.D
 Acq: 15 Jan 2019 17:57

Instrument :
 MSVOA_U
 ClientSampleId :
 S-4

Tot Ion:	128	Resp:	32573
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.1	15.1
129	10.0	8.5	12.7

Manual Integrations
 APPROVED

MMDadoda
 1/16/2019 9:42:09 AM

