

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU012119\
 Data File : VU029257.D
 Acq On : 21 Jan 2019 18:32
 Operator : JC/SP
 Sample : K1009-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CL-01-011819-B

Manual Integrations
 APPROVED

MMDadoda
 1/22/2019 10:40:29 AM

Quant Time: Jan 22 03:08:59 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	112114	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	197682	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	186845	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	76632	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	76571	55.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.50%	
35) Dibromofluoromethane	4.88	113	66889	52.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.40%	
50) Toluene-d8	7.56	98	261336	51.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.32%	
62) 4-Bromofluorobenzene	10.30	95	84167	46.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.58%	
Target Compounds						
					Qvalue	
16) Acetone	2.32	43	6744	7.724	ug/l	96
20) Methylene Chloride	2.70	84	408379	275.490	ug/l	98
43) Isopropyl Acetate	5.55	43	6597	1.983	ug/l	95
67) Ethyl Benzene	9.25	91	336929	48.185	ug/l	99
68) m/p-Xylenes	9.37	106	658685	242.440	ug/l	98
69) o-Xylene	9.78	106	342422	130.804	ug/l	98
73) Isopropylbenzene	10.16	105	11211	1.977	ug/l	100
78) n-propylbenzene	10.58	91	65979	9.870	ug/l	98
80) 1,3,5-Trimethylbenzene	10.77	105	281988	59.533	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	1555832	328.994	ug/l	98
85) sec-Butylbenzene	11.32	105	7785m	1.379	ug/l	
95) Naphthalene	13.74	128	53209	8.973	ug/l	99

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

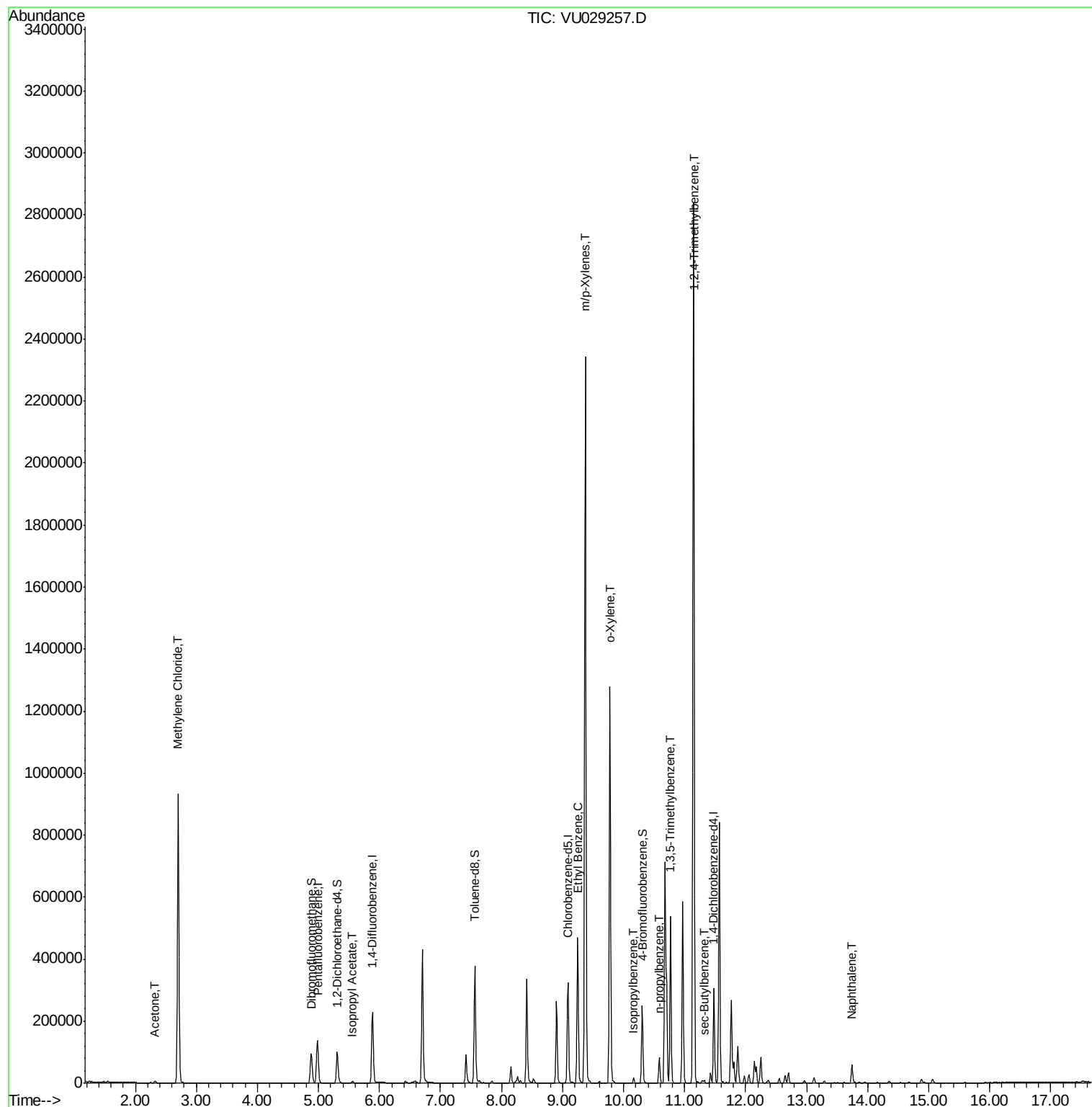
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU012119\
Data File : VU029257.D
Acq On : 21 Jan 2019 18:32
Operator : JC/SP
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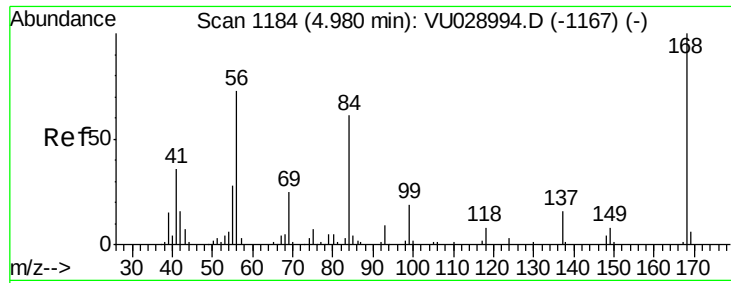
Instrument :
MSVOA_U
ClientSampleId :
CL-01-011819-B

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Quant Time: Jan 22 03:08:59 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# 1185

Delta R.T. 0.00 min

Lab File: VU029257.D

Acq: 21 Jan 2019 18:32

Instrument :

MSVOA_U

ClientSampleId :

CL-01-011819-B

Tot Ion:168 Resp: 112114

Ion Ratio Lower Upper

168 100

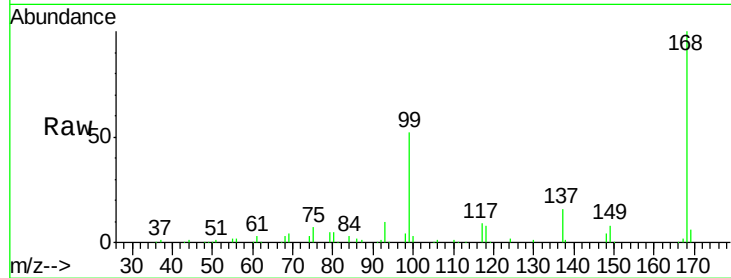
99 52.1 42.0 63.0

Manual Integrations

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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

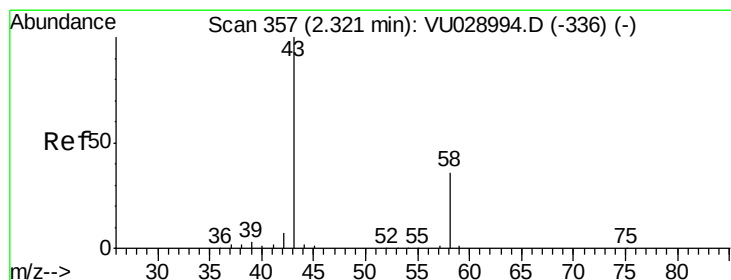
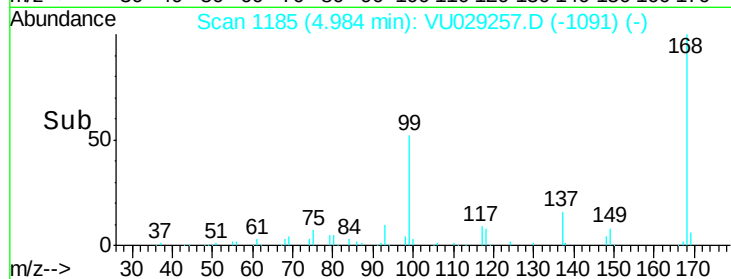
20000

10000

0

4.90 5.00 5.10

Time-->



#16

Acetone

Concen: 7.724 ug/l

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU029257.D

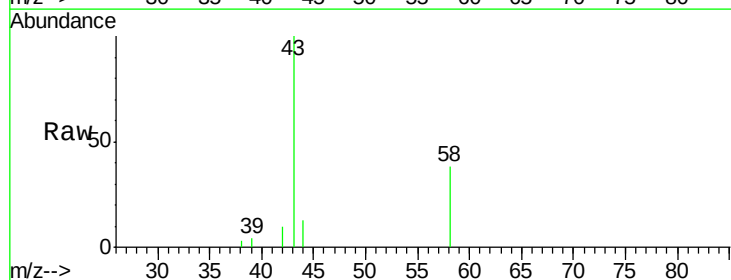
Acq: 21 Jan 2019 18:32

Tgt Ion: 43 Resp: 6744

Ion Ratio Lower Upper

43 100

58 38.2 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

4000

3000

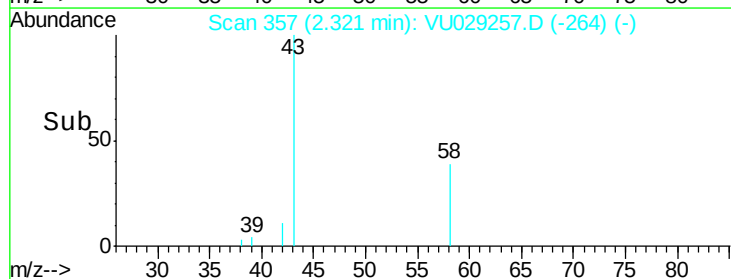
2000

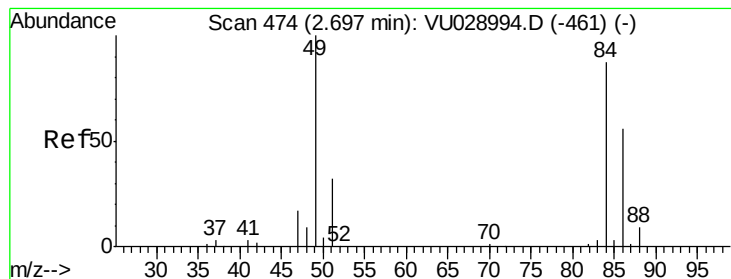
1000

0

2.25 2.30 2.35

Time-->





#20

Methylene Chloride

Concen: 275.490 ug/l

RT: 2.70 min Scan# 475

Delta R.T. 0.00 min

Lab File: VU029257.D

Acq: 21 Jan 2019 18:32

Instrument :

MSVOA_U

ClientSampleId :

CL-01-011819-B

Tot Ion: 84 Resp: 408379

Ion Ratio Lower Upper

84 100

49 118.5 91.9 137.9

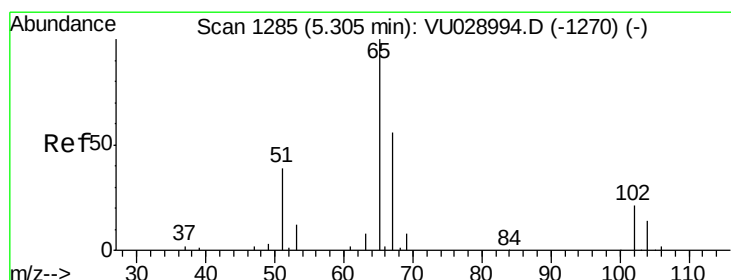
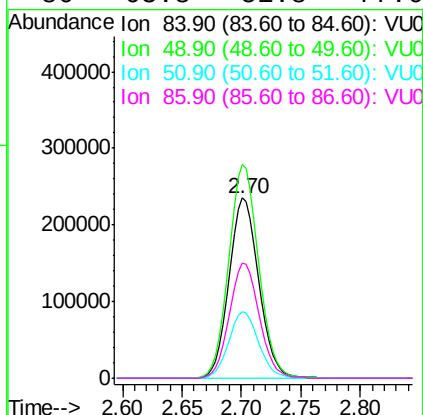
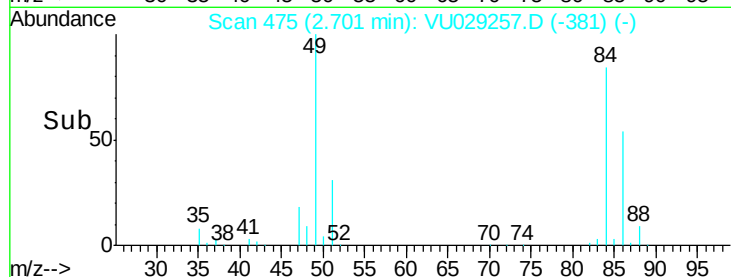
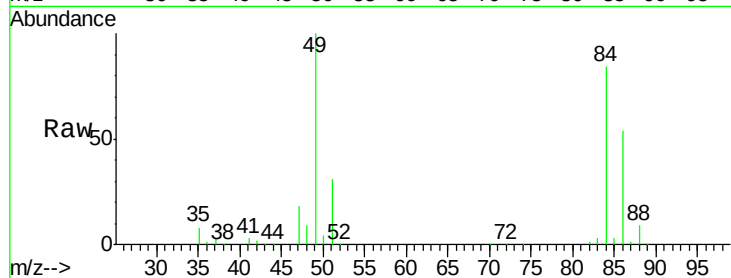
51 37.2 29.2 43.8

86 63.8 51.8 77.6

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1/22/2019 10:40:29 AM



#33

1,2-Dichloroethane-d4

Concen: 55.248 ug/l

RT: 5.31 min Scan# 1286

Delta R.T. 0.00 min

Lab File: VU029257.D

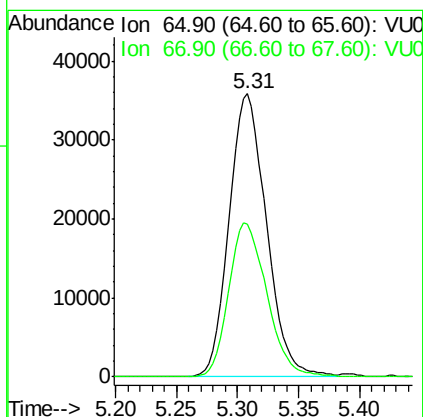
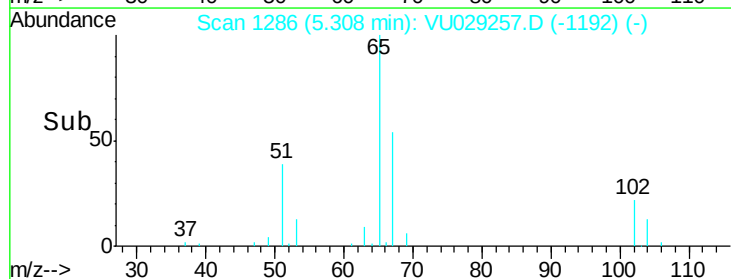
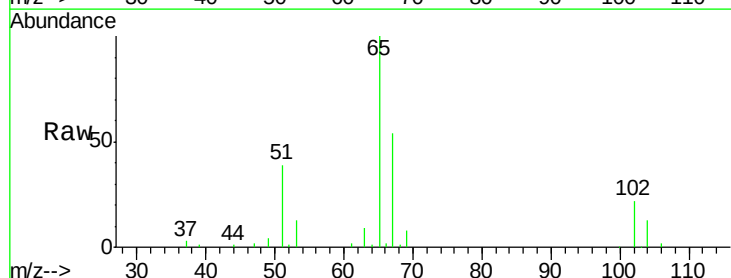
Acq: 21 Jan 2019 18:32

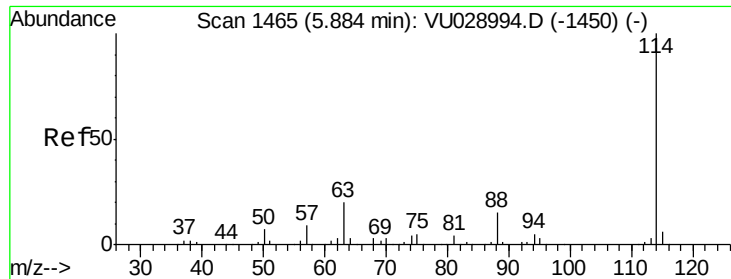
Tgt Ion: 65 Resp: 76571

Ion Ratio Lower Upper

65 100

67 55.5 0.0 111.0





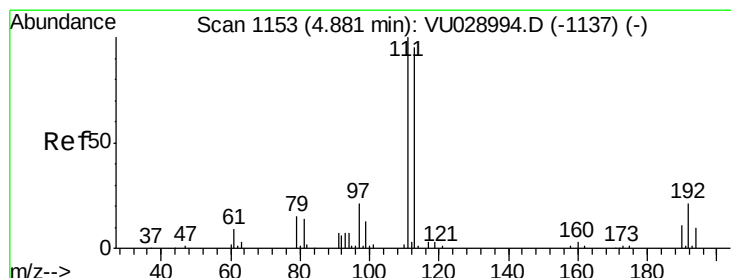
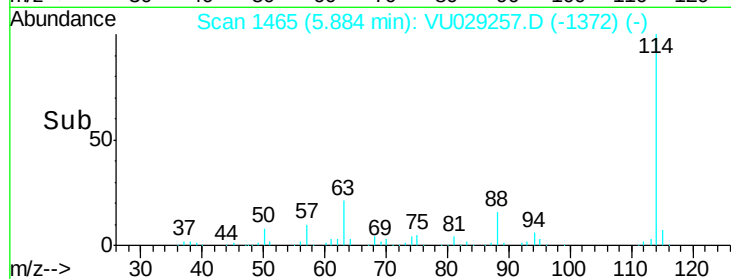
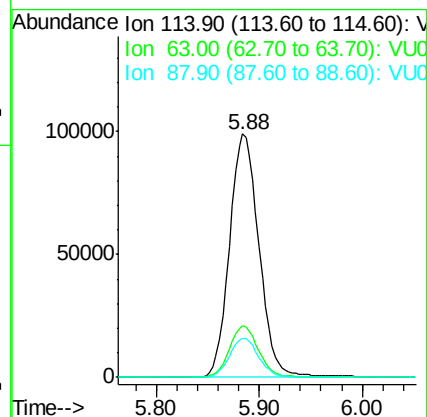
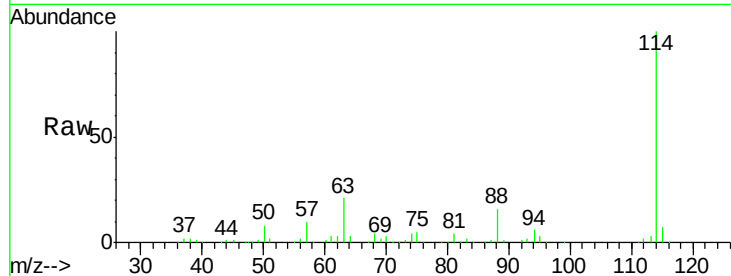
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: VU029257.D
 Acq: 21 Jan 2019 18:32

Instrument :
 MSVOA_U
 ClientSampleId :
 CL-01-011819-B

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	21.0	0.0	40.2
88	16.0	0.0	30.4

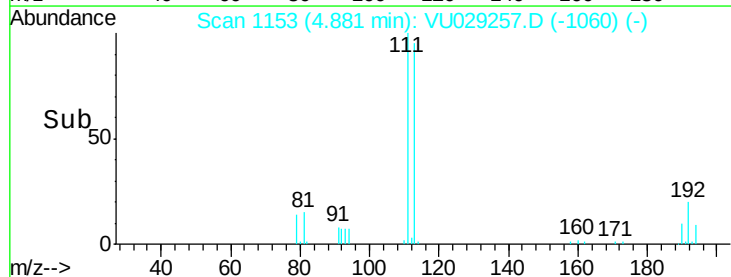
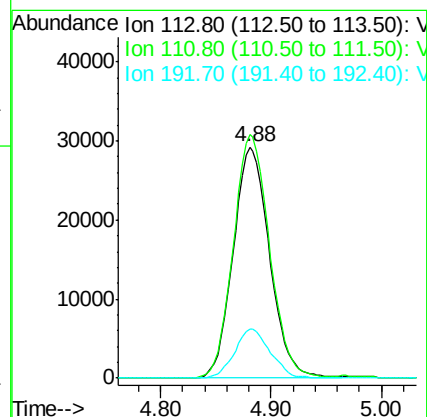
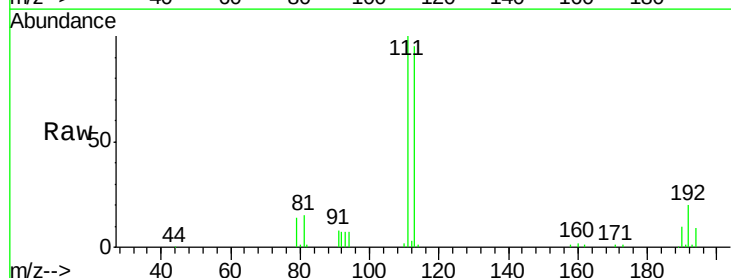
Manual Integrations
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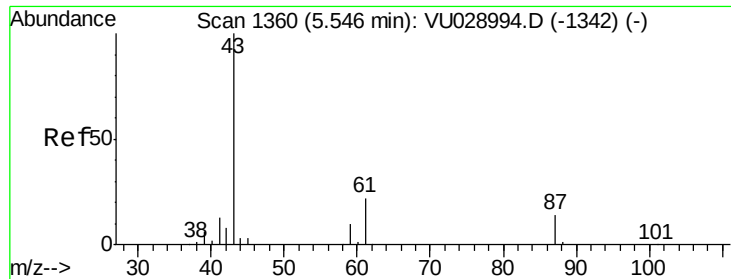
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 1/22/2019 10:40:29 AM



#35
 Dibromofluoromethane
 Concen: 52.199 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: VU029257.D
 Acq: 21 Jan 2019 18:32

Tgt Ion	Ratio	Resp Lower	Upper
113	100		
111	104.9	81.4	122.2
192	20.6	16.8	25.2





#43

Isopropyl Acetate

Concen: 1.983 ug/l

RT: 5.55 min Scan# 1362

Delta R.T. 0.01 min

Lab File: VU029257.D

Acq: 21 Jan 2019 18:32

Instrument :

MSVOA_U

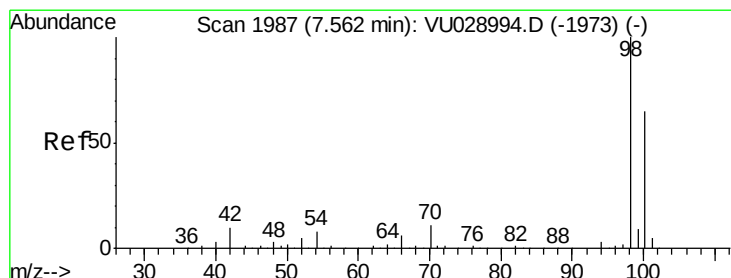
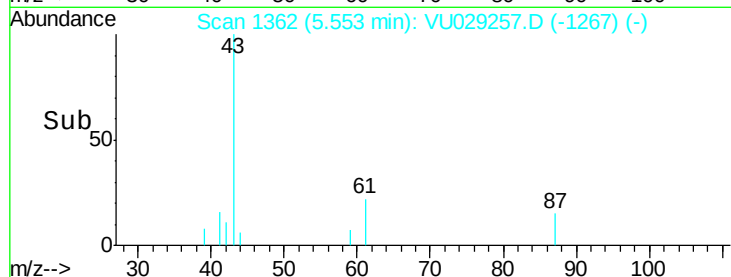
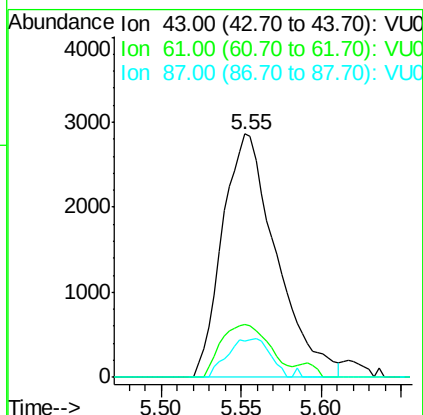
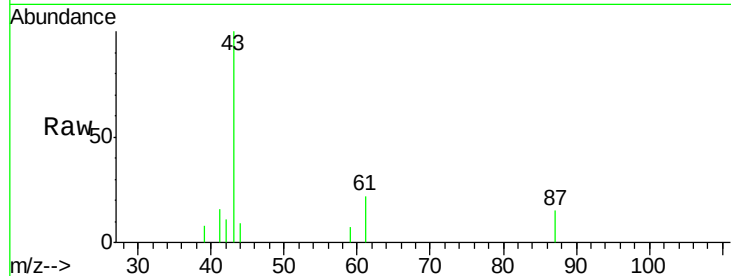
ClientSampled :

CL-01-011819-B

Tot Ion:	43	Resp:	6597
Ion	Ratio	Lower	Upper
43	100		
61	19.6	17.8	26.6
87	12.3	11.3	16.9

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#50

Toluene-d8

Concen: 51.658 ug/l

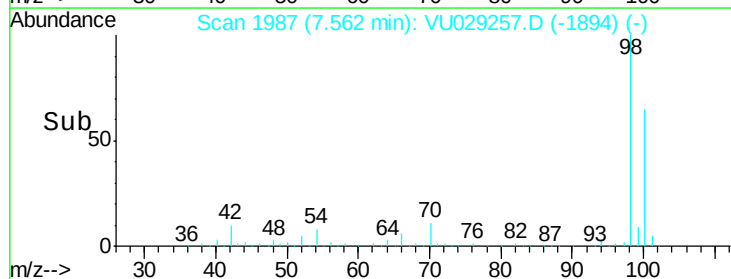
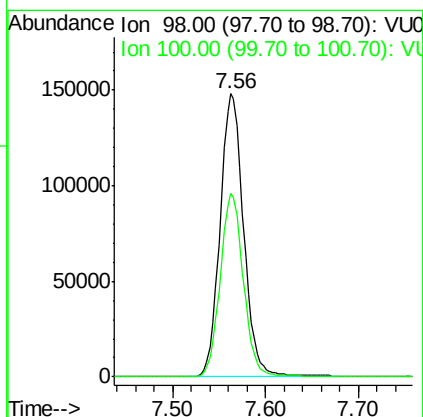
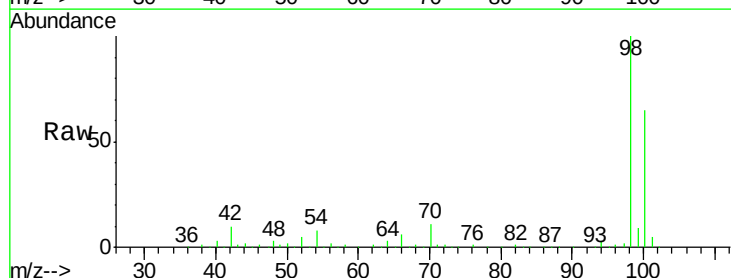
RT: 7.56 min Scan# 1987

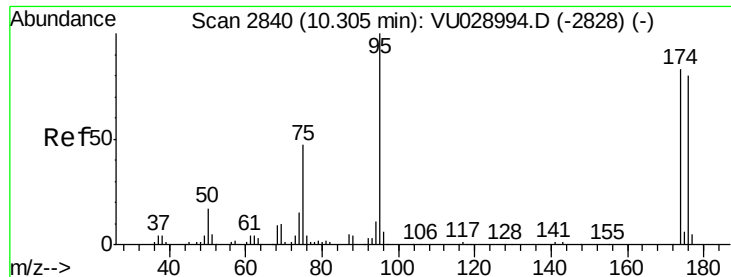
Delta R.T. 0.00 min

Lab File: VU029257.D

Acq: 21 Jan 2019 18:32

Tgt Ion:	98	Resp:	261336
Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.6	77.4





#62

4-Bromofluorobenzene

Concen: 46.294 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. 0.00 min

Lab File: VU029257.D

Acq: 21 Jan 2019 18:32

Instrument :

MSVOA_U

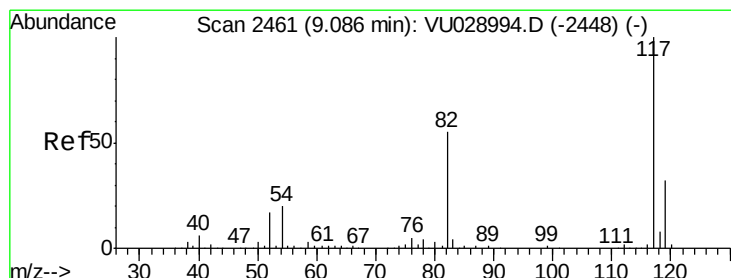
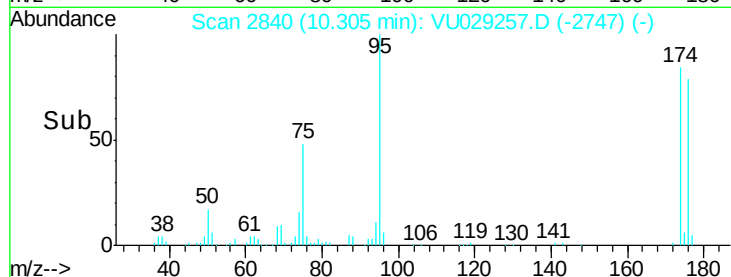
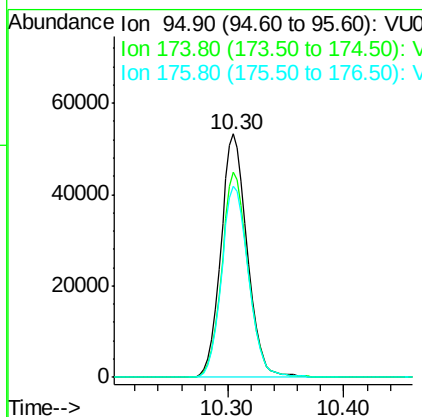
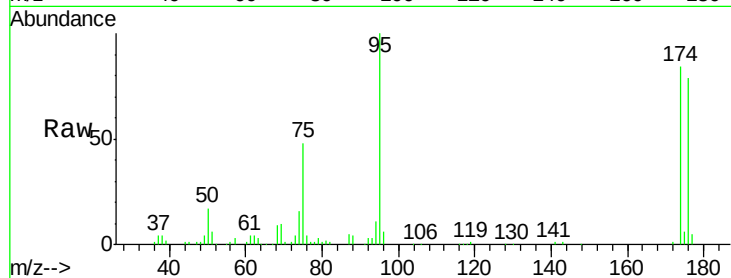
ClientSampleId :

CL-01-011819-B

Tot Ion:	95	Resp:	84167
Ion	Ratio	Lower	Upper
95	100		
174	84.2	0.0	170.6
176	80.4	0.0	165.0

Manual Integrations
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1/22/2019 10:40:29 AM



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

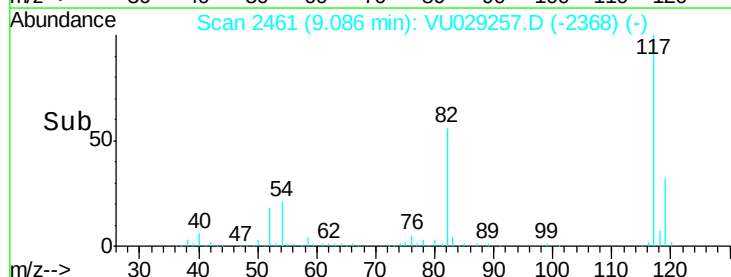
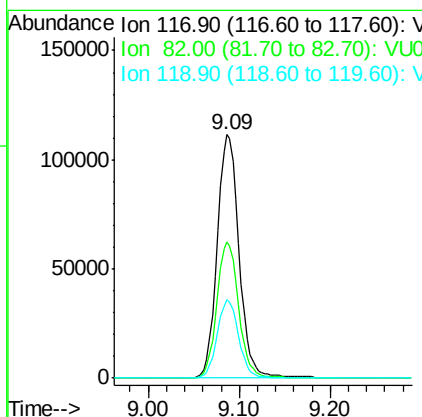
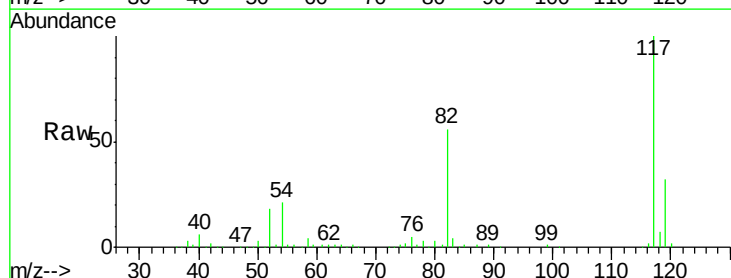
RT: 9.09 min Scan# 2461

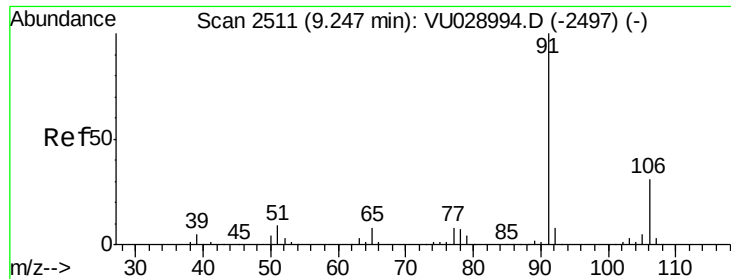
Delta R.T. 0.00 min

Lab File: VU029257.D

Acq: 21 Jan 2019 18:32

Tgt Ion:	117	Resp:	186845
Ion	Ratio	Lower	Upper
117	100		
82	56.2	43.9	65.9
119	32.0	26.0	39.0





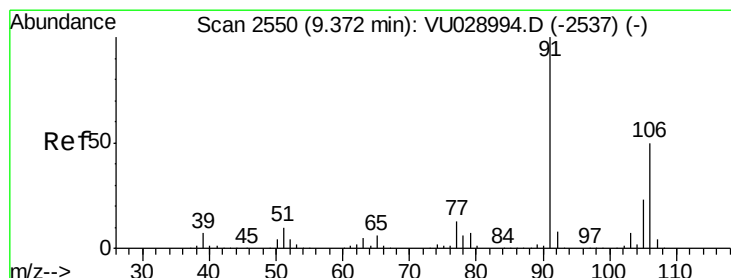
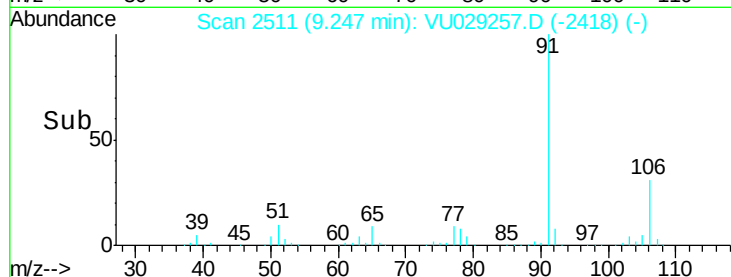
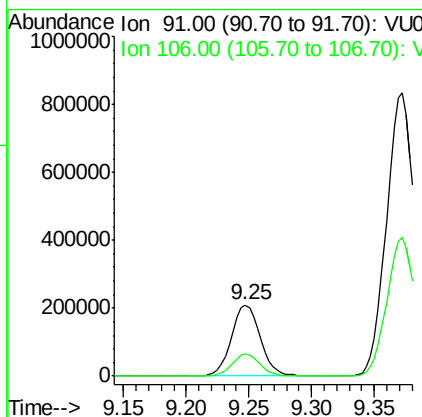
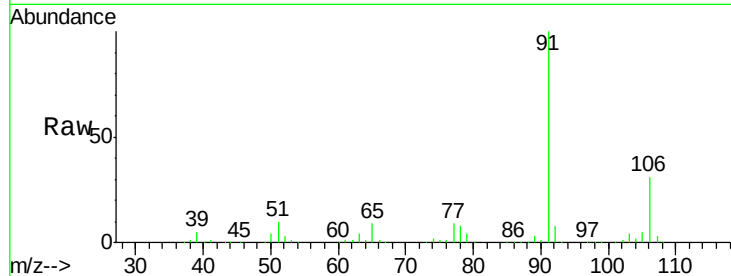
#67
Ethyl Benzene
Concen: 48.185 ug/l
RT: 9.25 min Scan# 2511
Delta R.T. 0.00 min
Lab File: VU029257.D
Acq: 21 Jan 2019 18:32

Instrument :
MSVOA_U
ClientSampleId :
CL-01-011819-B

Tot Ion: 91 Resp: 336929
Ion Ratio Lower Upper
91 100
106 30.5 25.0 37.4

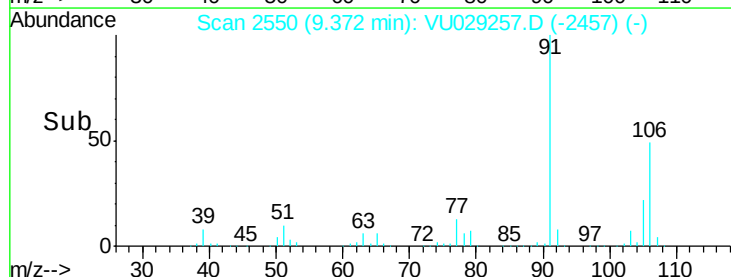
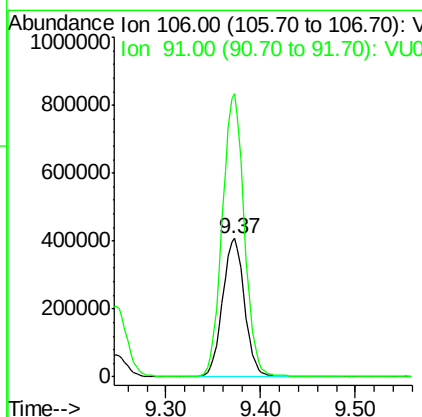
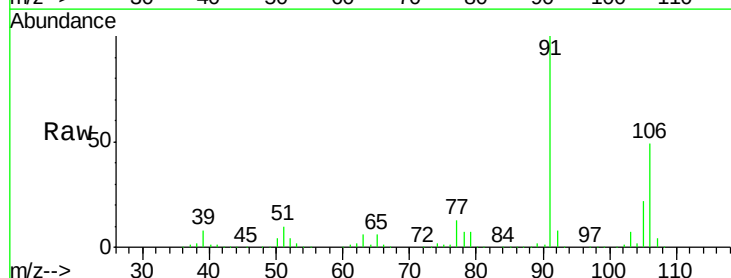
Manual Integrations
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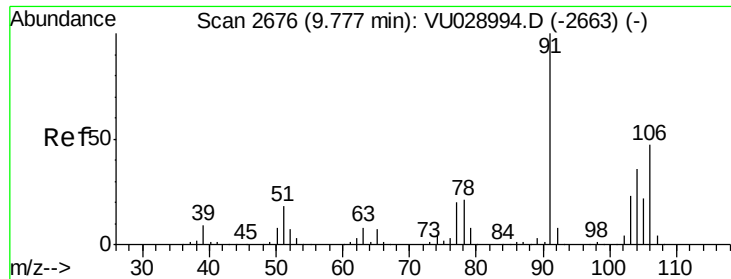
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#68
m/p-Xylenes
Concen: 242.440 ug/l
RT: 9.37 min Scan# 2550
Delta R.T. 0.00 min
Lab File: VU029257.D
Acq: 21 Jan 2019 18:32

Tgt Ion: 106 Resp: 658685
Ion Ratio Lower Upper
106 100
91 204.8 161.7 242.5





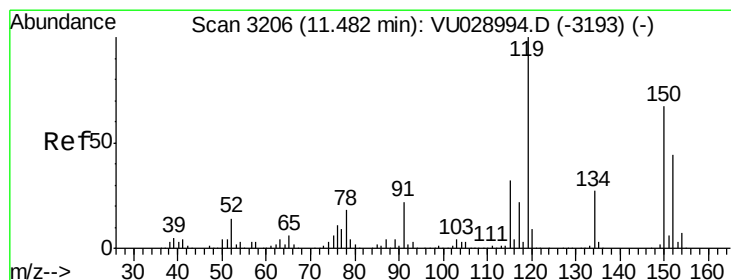
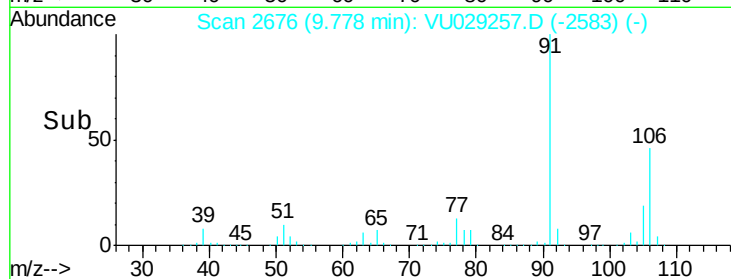
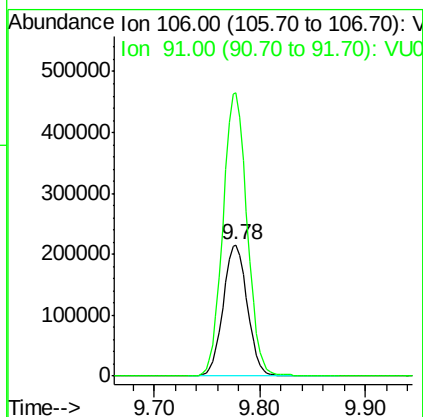
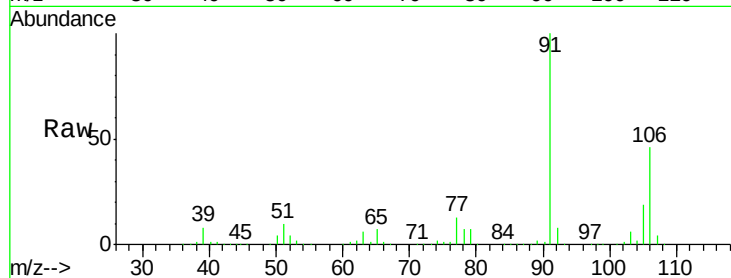
#69
o-Xylene
Concen: 130.804 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. 0.00 min
Lab File: VU029257.D
Acq: 21 Jan 2019 18:32

Instrument :
MSVOA_U
ClientSampled :
CL-01-011819-B

Tot Ion:106 Resp: 342422
Ion Ratio Lower Upper
106 100
91 215.5 106.1 318.3

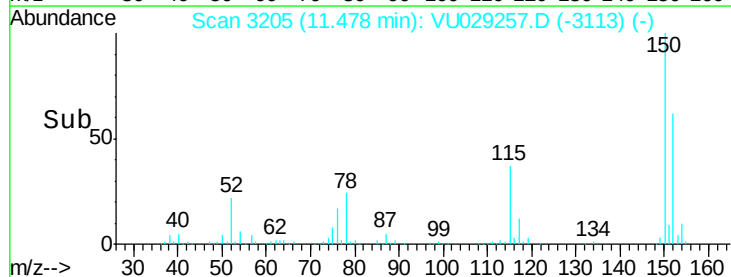
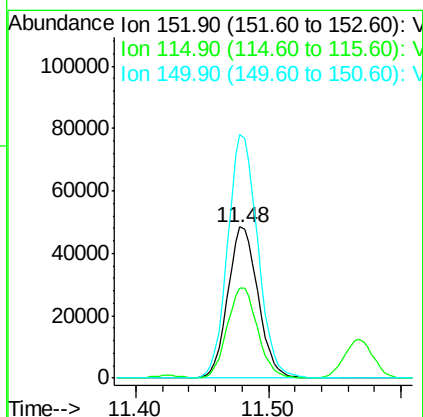
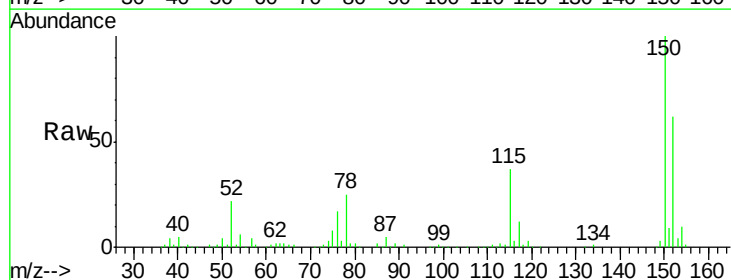
Manual Integrations
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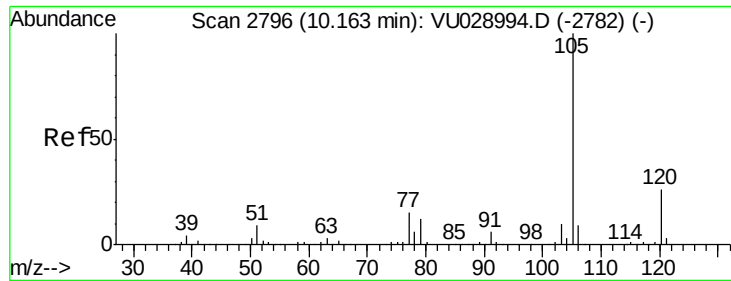
MMDadoda
1/22/2019 10:40:29 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3205
Delta R.T. -0.00 min
Lab File: VU029257.D
Acq: 21 Jan 2019 18:32

Tgt Ion:152 Resp: 76632
Ion Ratio Lower Upper
152 100
115 60.3 40.1 120.3
150 160.5 0.0 345.2





#73

Isopropylbenzene

Concen: 1.977 ug/l

RT: 10.16 min Scan# 2796

Delta R.T. 0.00 min

Lab File: VU029257.D

Acq: 21 Jan 2019 18:32

Instrument :

MSVOA_U

ClientSampleId :

CL-01-011819-B

Tot Ion: 105 Resp: 11211

Ion Ratio Lower Upper

105 100

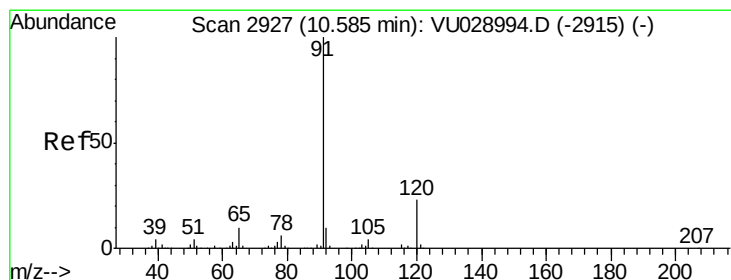
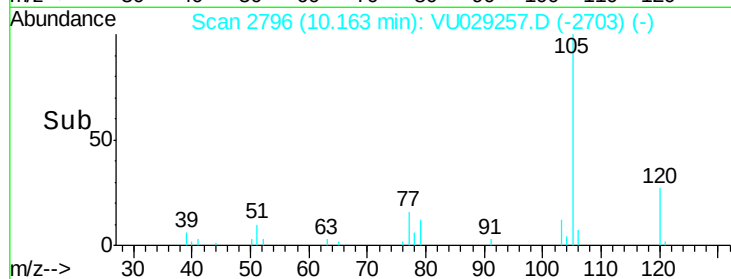
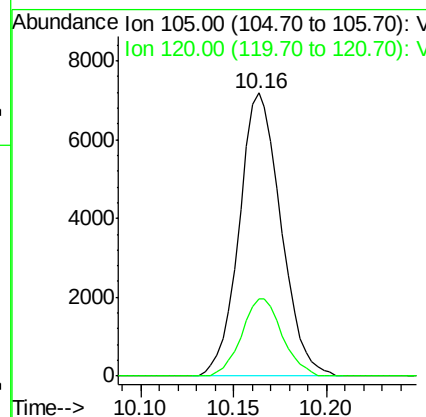
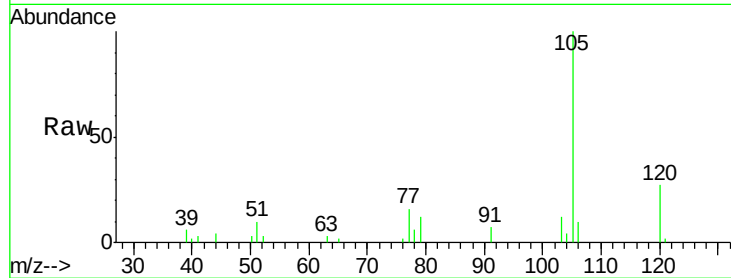
120 26.5 13.2 39.5

Manual Integrations

APPROVED

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#78

n-propylbenzene

Concen: 9.870 ug/l

RT: 10.58 min Scan# 2927

Delta R.T. 0.00 min

Lab File: VU029257.D

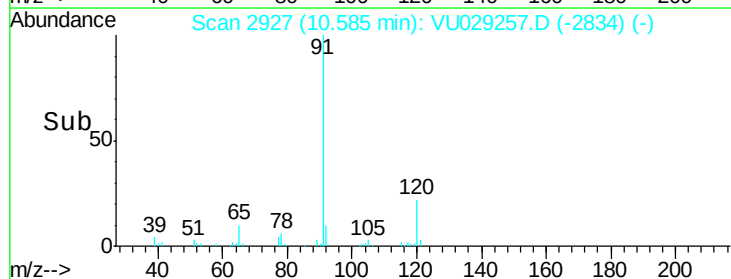
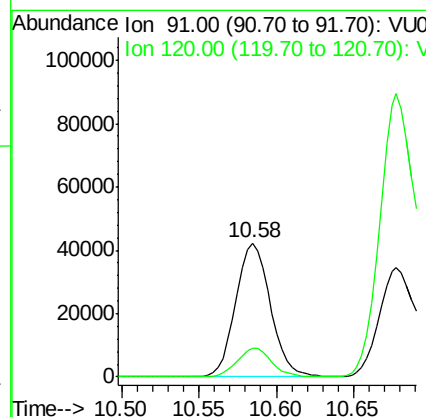
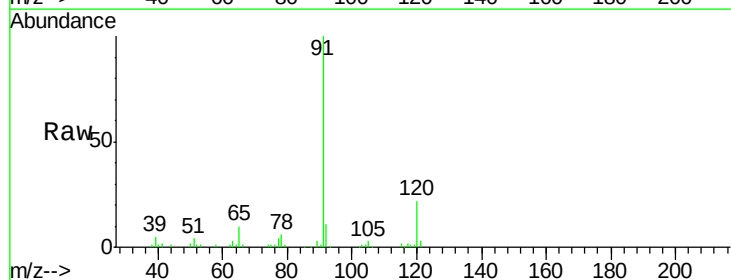
Acq: 21 Jan 2019 18:32

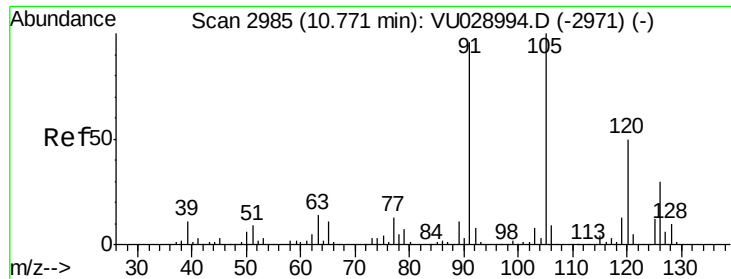
Tgt Ion: 91 Resp: 65979

Ion Ratio Lower Upper

91 100

120 21.6 11.3 33.9





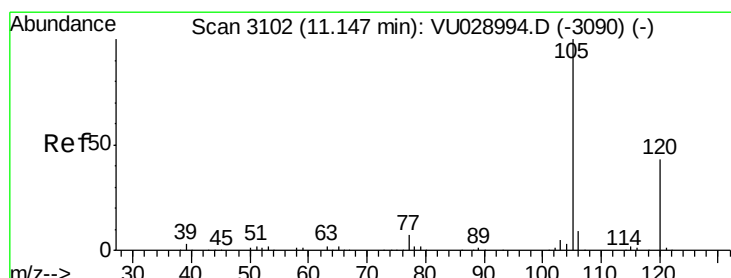
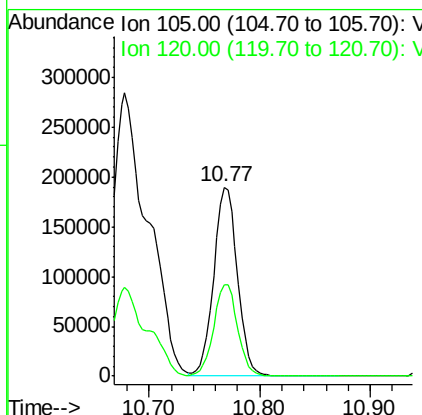
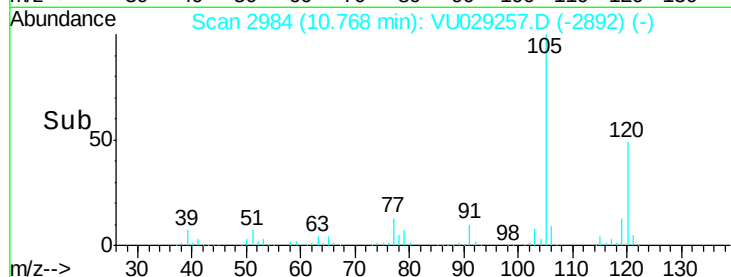
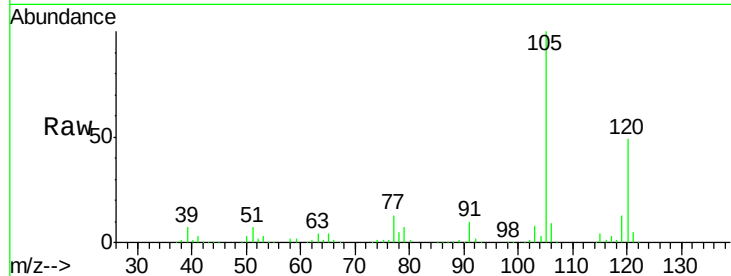
#80
 1,3,5-Trimethylbenzene
 Concen: 59.533 ug/l
 RT: 10.77 min Scan# 2984
 Delta R.T. -0.00 min
 Lab File: VU029257.D
 Acq: 21 Jan 2019 18:32

Instrument :
 MSVOA_U
 ClientSampleId :
 CL-01-011819-B

Tot Ion:105 Resp: 281988
 Ion Ratio Lower Upper
 105 100
 120 48.7 24.8 74.4

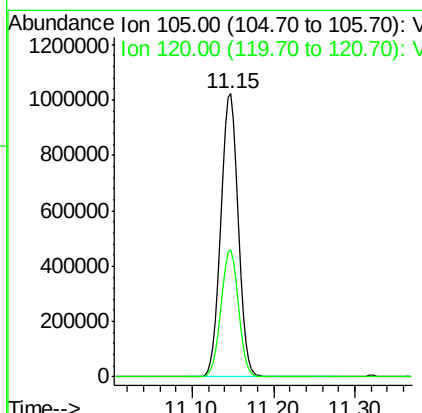
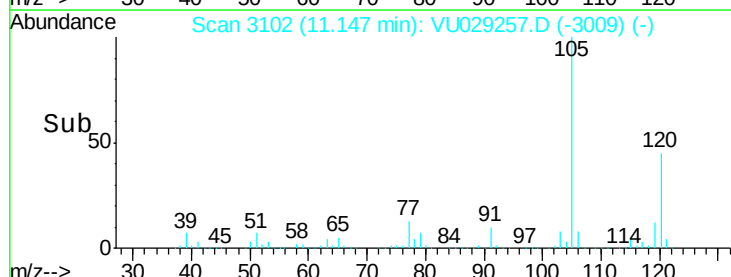
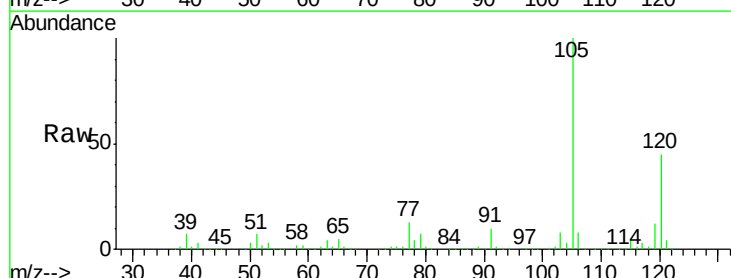
Manual Integrations
 APPROVED

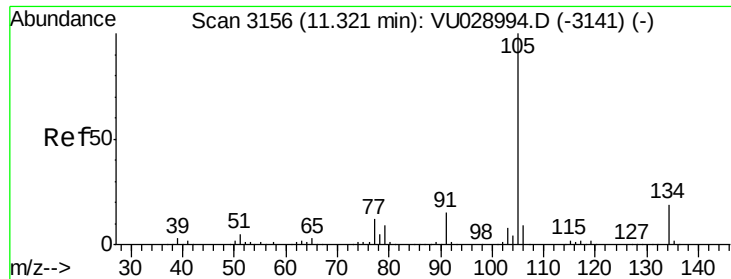
MMDadoda
 1/22/2019 10:40:29 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 328.994 ug/l
 RT: 11.15 min Scan# 3102
 Delta R.T. 0.00 min
 Lab File: VU029257.D
 Acq: 21 Jan 2019 18:32

Tgt Ion:105 Resp: 1555832
 Ion Ratio Lower Upper
 105 100
 120 45.1 23.1 69.3





#85

sec-Butylbenzene

Concen: 1.379 ug/l m

RT: 11.32 min Scan# 3156

Delta R.T. 0.00 min

Lab File: VU029257.D

Acq: 21 Jan 2019 18:32

Instrument :

MSVOA_U

ClientSampleId :

CL-01-011819-B

Tot Ion:105 Resp: 7785

Ion Ratio Lower Upper

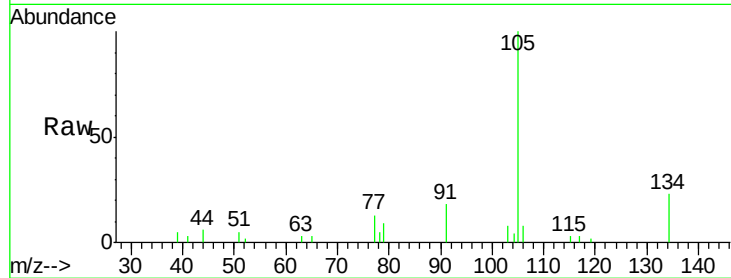
105 100

134 0.0 9.7 29.1#

Manual Integrations
APPROVED

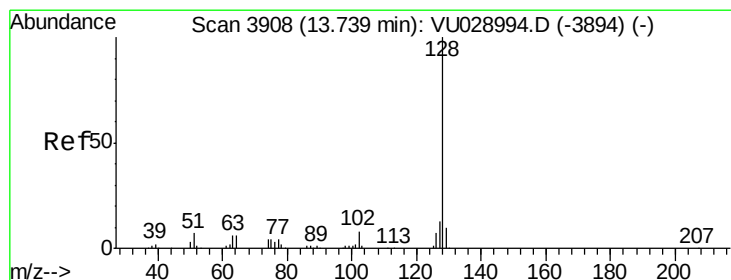
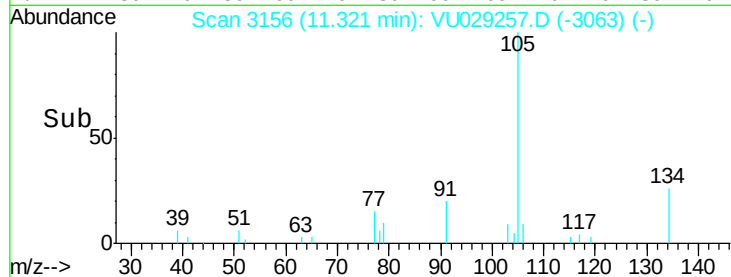
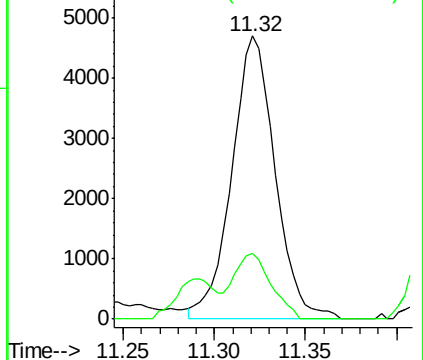
MMDadoda

1/22/2019 10:40:29 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#95

Naphthalene

Concen: 8.973 ug/l

RT: 13.74 min Scan# 3909

Delta R.T. 0.00 min

Lab File: VU029257.D

Acq: 21 Jan 2019 18:32

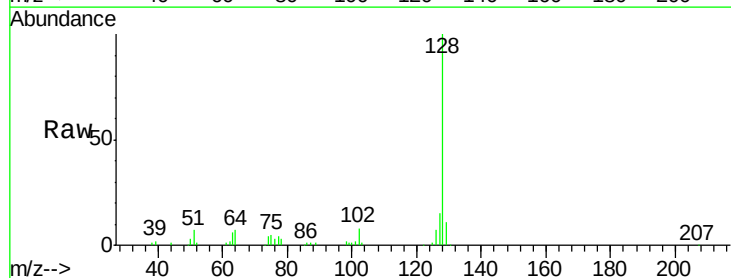
Tgt Ion:128 Resp: 53209

Ion Ratio Lower Upper

128 100

127 13.2 10.1 15.1

129 10.8 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

