

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U082819\
 Data File : VU034011.D
 Acq On : 28 Aug 2019 07:50
 Operator : JC/SP
 Sample : K4093-10
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PL-02-082619

Quant Time: Aug 28 09:18:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U082819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 28 02:42:03 2019
 Response via : Initial Calibration

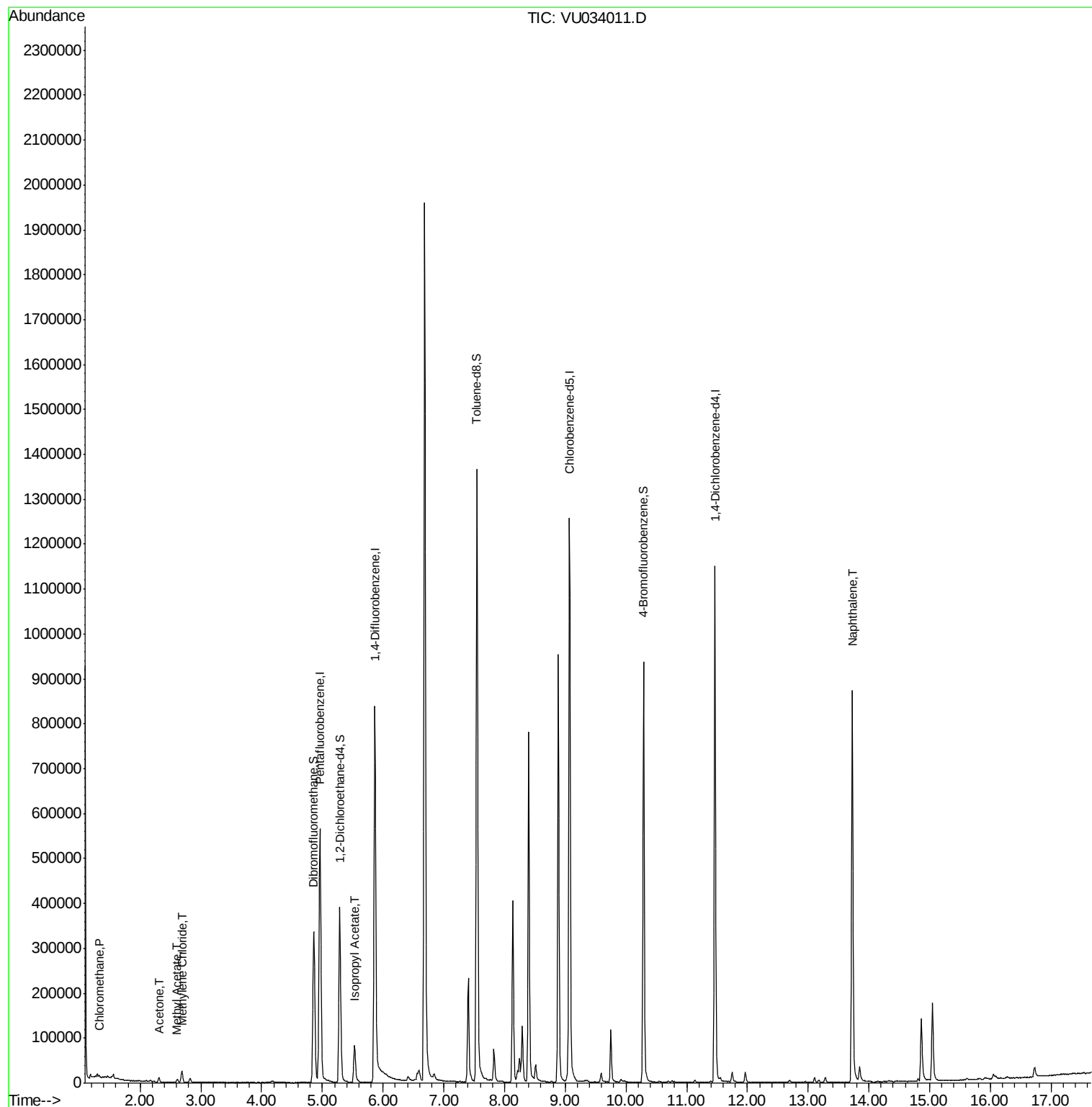
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	434903	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	717283	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	697632	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.47	152	309415	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	305002	63.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	126.26%	
35) Dibromofluoromethane	4.86	113	239460	49.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.32%	
50) Toluene-d8	7.55	98	944775	53.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.24%	
62) 4-Bromofluorobenzene	10.29	95	313137	45.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.80%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.32	50	3244	1.584	ug/l	92
16) Acetone	2.31	43	11587	5.010	ug/l	97
18) Methyl Acetate	2.61	43	9928	1.743	ug/l	95
20) Methylene Chloride	2.69	84	11690	2.382	ug/l	97
43) Isopropyl Acetate	5.53	43	98602	9.759	ug/l	94
95) Naphthalene	13.73	128	755595	39.995	ug/l	99

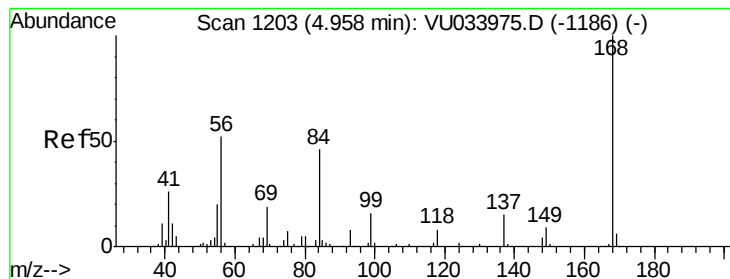
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Aug 28 02:42:03 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1204

Delta R.T. 0.00 min

Lab File: VU034011.D

Acq: 28 Aug 2019 07:50

Instrument :

MSVOA_U

ClientSampleId :

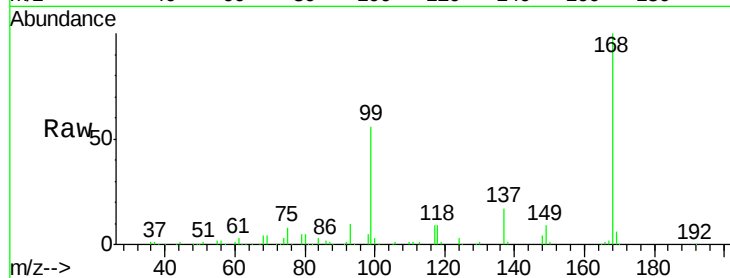
PL-02-082619

Tot Ion:168 Resp: 434903

Ion Ratio Lower Upper

168 100

99 56.3 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): VU033975.D (-1186) (-)

Ion 98.90 (98.60 to 99.60): VU033975.D (-1186) (-)

4.96

200000

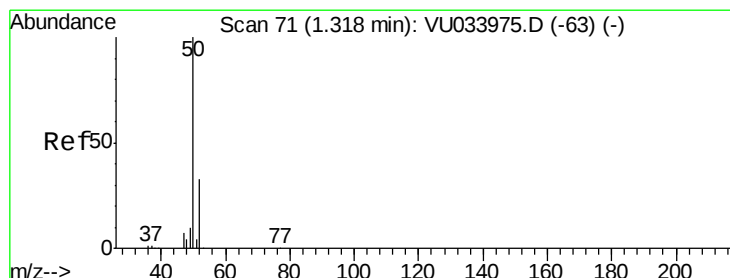
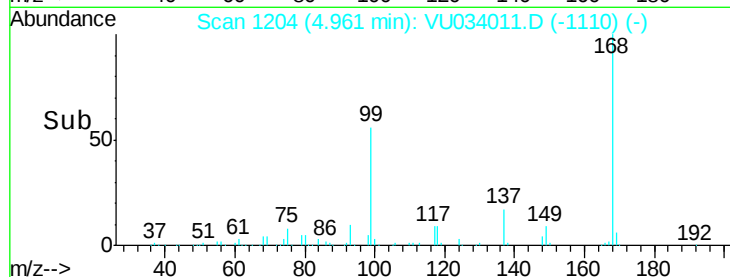
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 1.584 ug/l

RT: 1.32 min Scan# 73

Delta R.T. 0.01 min

Lab File: VU034011.D

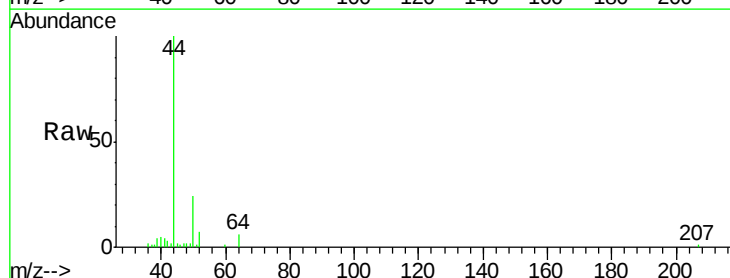
Acq: 28 Aug 2019 07:50

Tgt Ion: 50 Resp: 3244

Ion Ratio Lower Upper

50 100

52 28.1 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VU033975.D (-63) (-)

Ion 51.90 (51.60 to 52.60): VU033975.D (-63) (-)

1.32

3000

2500

2000

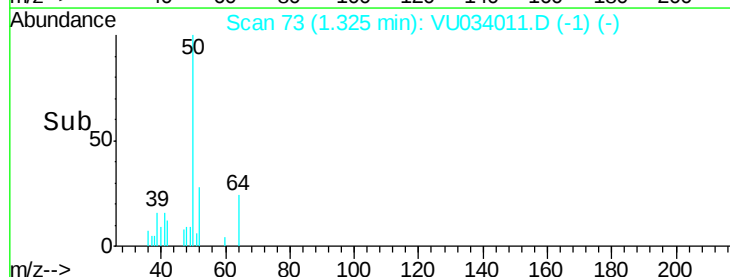
1500

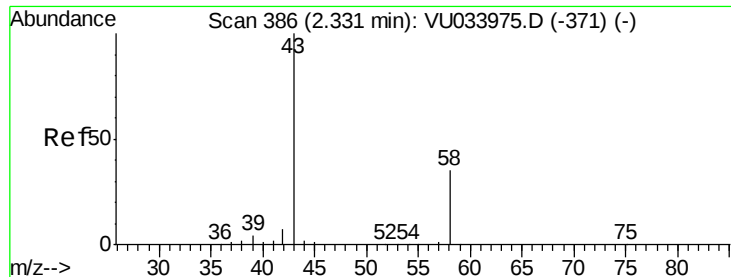
1000

500

0

Time-->





#16

Acetone

Concen: 5.010 ug/l

RT: 2.31 min Scan# 379

Delta R.T. -0.02 min

Lab File: VU034011.D

Acq: 28 Aug 2019 07:50

Instrument :

MSVOA_U

ClientSampleId :

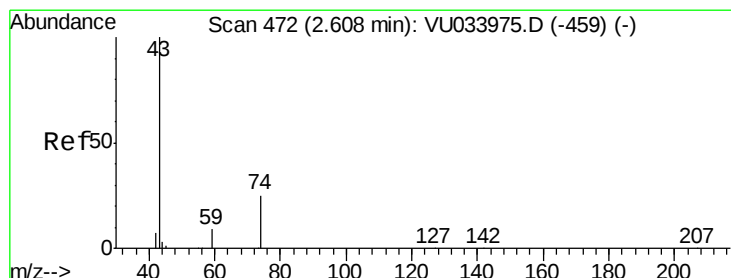
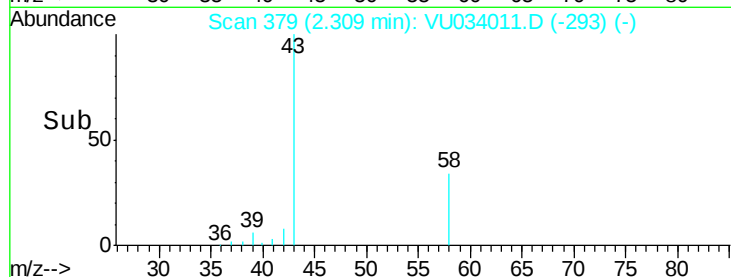
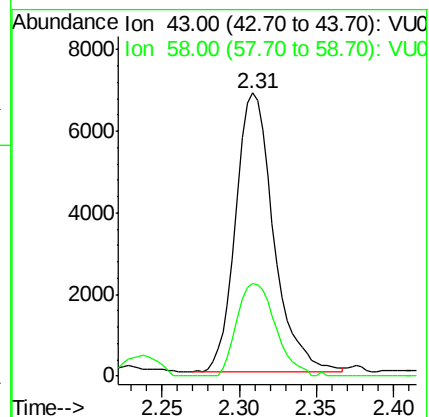
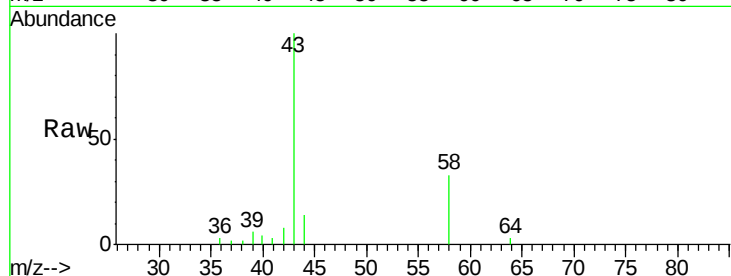
PL-02-082619

Tot Ion: 43 Resp: 11587

Ion Ratio Lower Upper

43 100

58 33.3 28.0 42.0



#18

Methyl Acetate

Concen: 1.743 ug/l

RT: 2.61 min Scan# 472

Delta R.T. 0.00 min

Lab File: VU034011.D

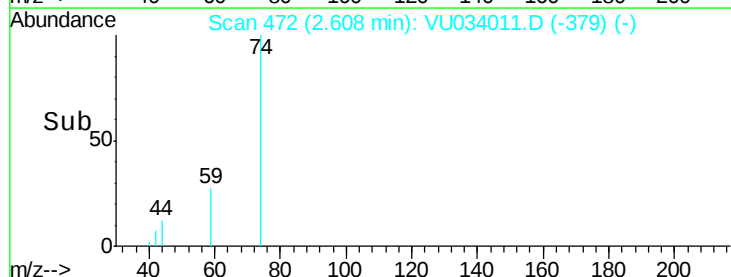
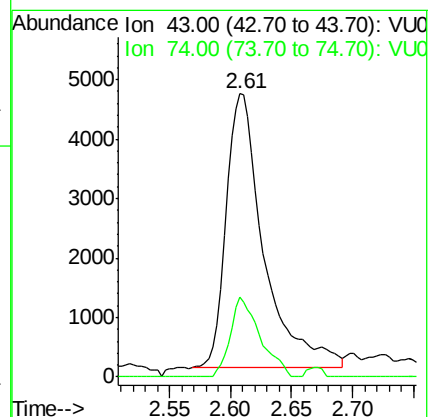
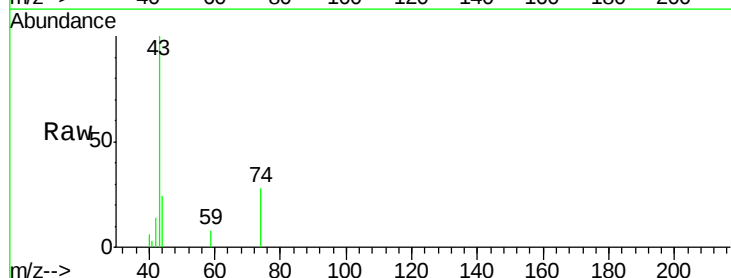
Acq: 28 Aug 2019 07:50

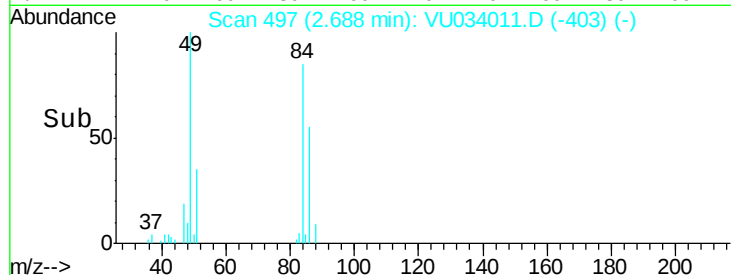
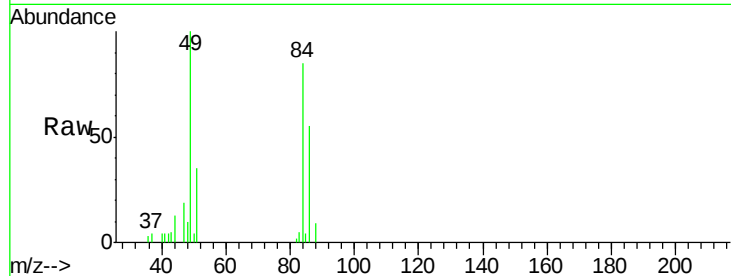
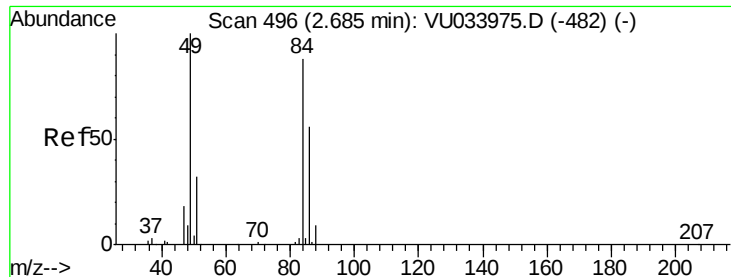
Tgt Ion: 43 Resp: 9928

Ion Ratio Lower Upper

43 100

74 23.1 20.5 30.7

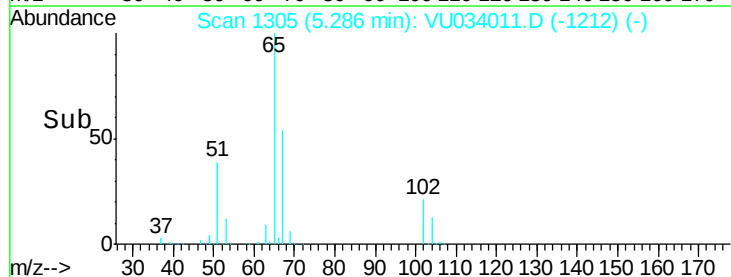
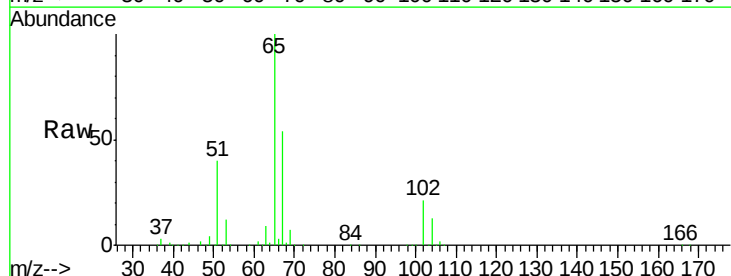
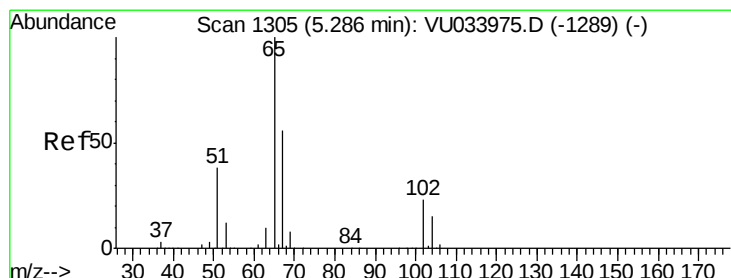
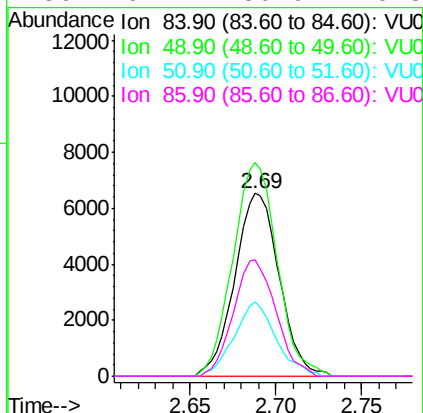




#20
Methvlene Chloride
Concen: 2.382 ug/l
RT: 2.69 min Scan# 497
Delta R.T. 0.00 min
Lab File: VU034011.D
Acq: 28 Aug 2019 07:50

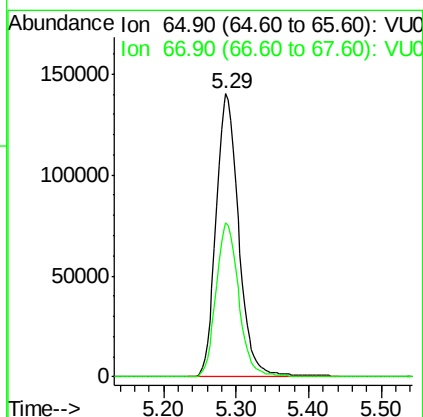
Instrument :
MSVOA_U
ClientSampleId :
PL-02-082619

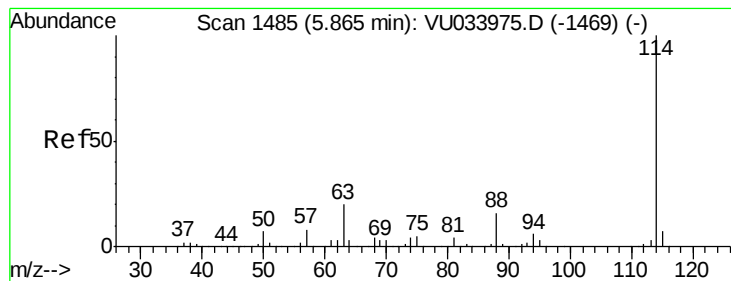
Tot Ion:	84	Resp:	11690
Ion	Ratio	Lower	Upper
84	100		
49	117.0	91.3	136.9
51	41.0	28.9	43.3
86	64.1	50.9	76.3



#33
1,2-Dichloroethane-d4
Concen: 63.127 ug/l
RT: 5.29 min Scan# 1305
Delta R.T. 0.00 min
Lab File: VU034011.D
Acq: 28 Aug 2019 07:50

Tgt Ion:	65	Resp:	305002
Ion	Ratio	Lower	Upper
65	100		
67	54.2	0.0	111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.86 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VU034011.D

Acq: 28 Aug 2019 07:50

Instrument :

MSVOA_U

ClientSampleId :

PL-02-082619

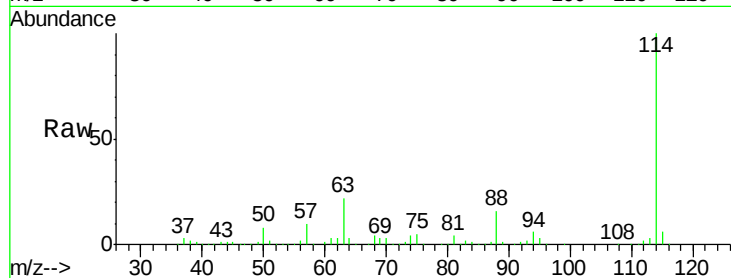
Tot Ion:114 Resp: 717283

Ion Ratio Lower Upper

114 100

63 21.9 0.0 39.0

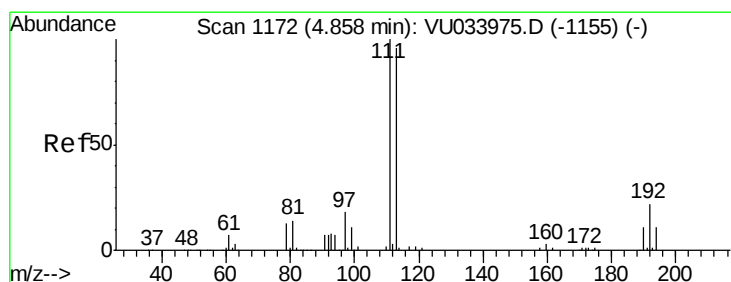
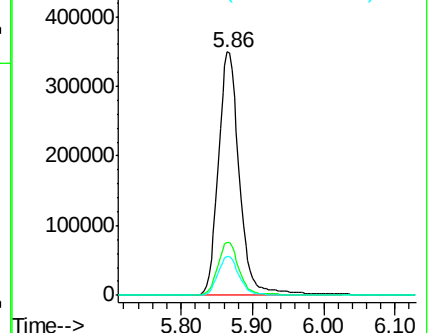
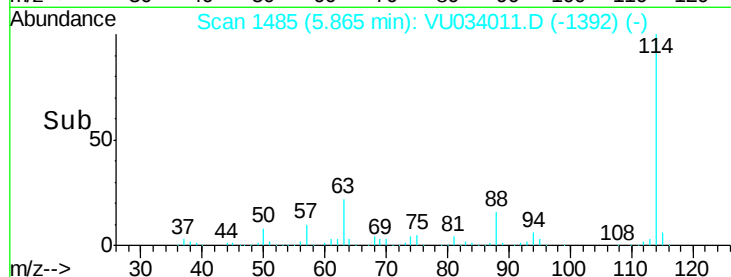
88 16.2 0.0 31.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VU0

Ion 87.90 (87.60 to 88.60): VU0



#35

Dibromofluoromethane

Concen: 49.665 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034011.D

Acq: 28 Aug 2019 07:50

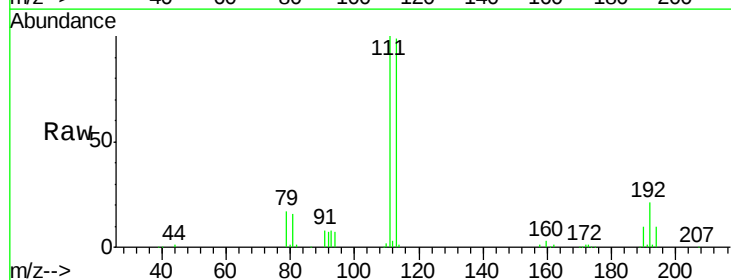
Tgt Ion:113 Resp: 239460

Ion Ratio Lower Upper

113 100

111 103.0 81.7 122.5

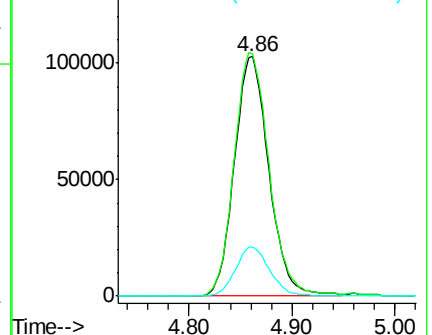
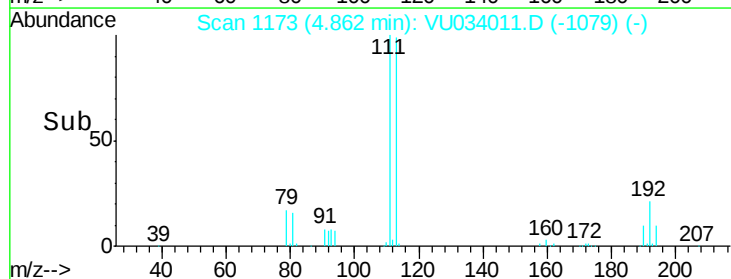
192 20.3 18.6 27.8

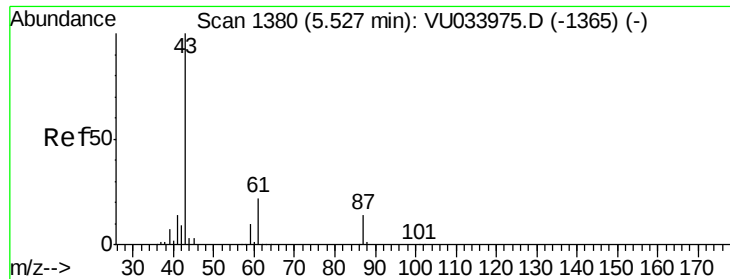


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 9.759 ug/l

RT: 5.53 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VU034011.D

Acq: 28 Aug 2019 07:50

Instrument :

MSVOA_U

ClientSampleId :

PL-02-082619

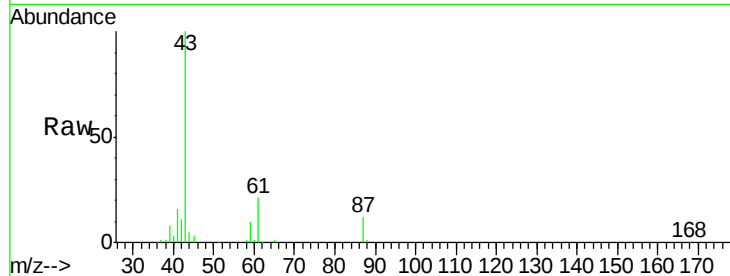
Tot Ion: 43 Resp: 98602

Ion Ratio Lower Upper

43 100

61 19.4 17.8 26.8

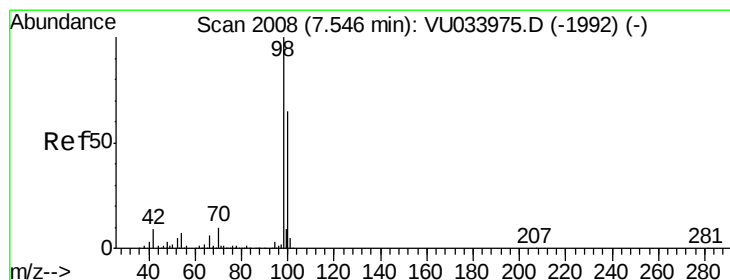
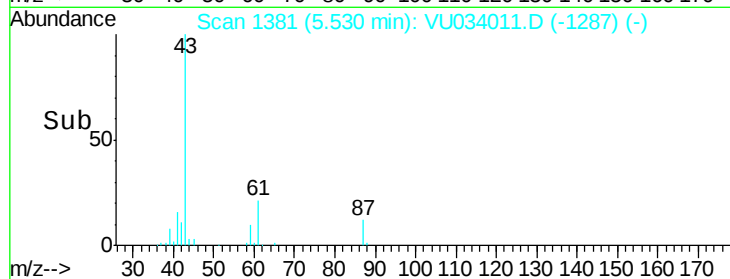
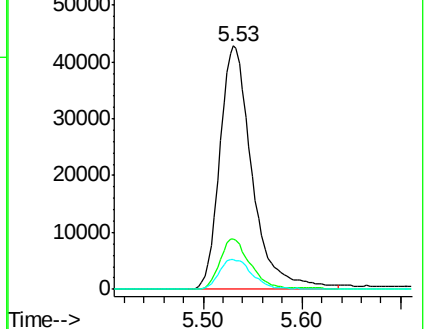
87 12.3 11.9 17.9



Abundance Ion 43.00 (42.70 to 43.70): VU033975.D (-1365) (-)

Ion 61.00 (60.70 to 61.70): VU033975.D (-1365) (-)

Ion 87.00 (86.70 to 87.70): VU033975.D (-1365) (-)



#50

Toluene-d8

Concen: 53.125 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. 0.00 min

Lab File: VU034011.D

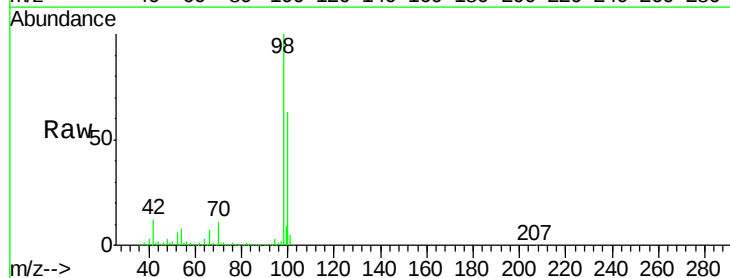
Acq: 28 Aug 2019 07:50

Tgt Ion: 98 Resp: 944775

Ion Ratio Lower Upper

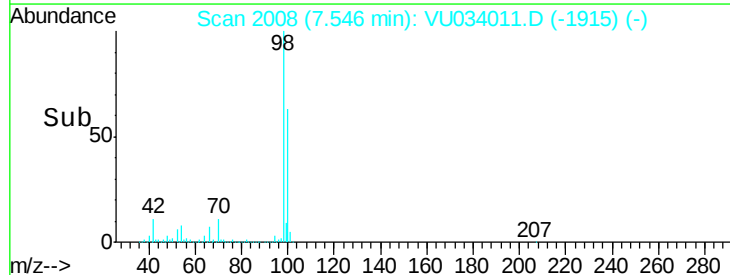
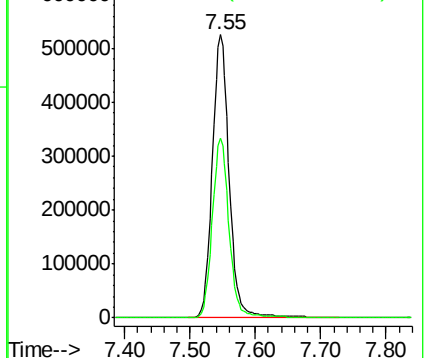
98 100

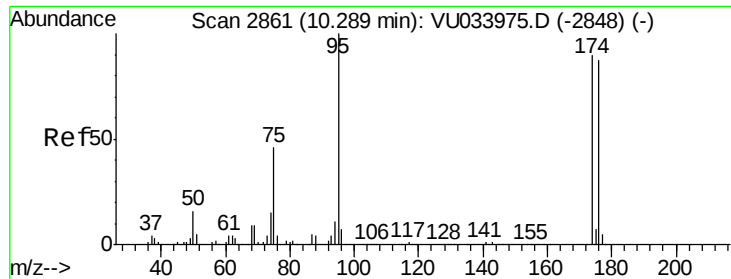
100 63.3 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VU033975.D (-1992) (-)

Ion 100.00 (99.70 to 100.70): VU033975.D (-1992) (-)

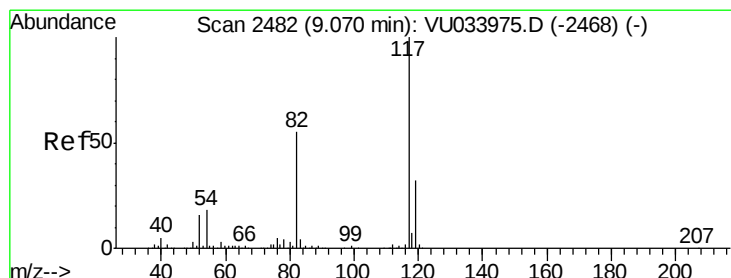
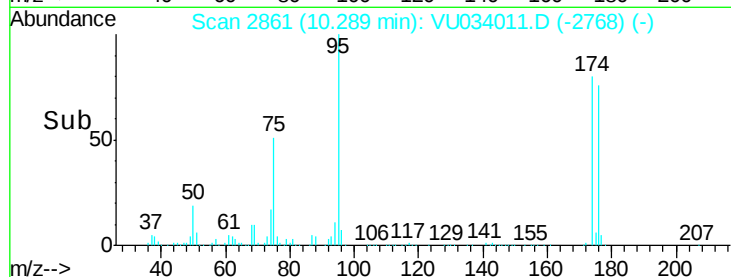
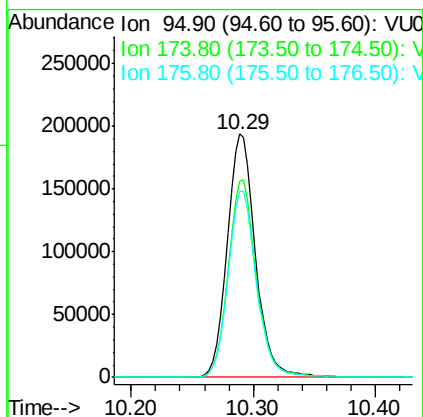
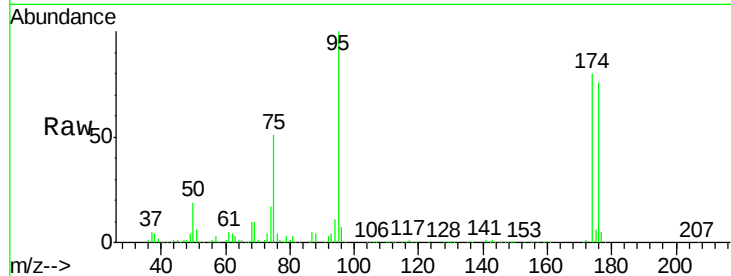




#62
4-Bromofluorobenzene
Concen: 45.902 ug/l
RT: 10.29 min Scan# 2861
Delta R.T. 0.00 min
Lab File: VU034011.D
Acq: 28 Aug 2019 07:50

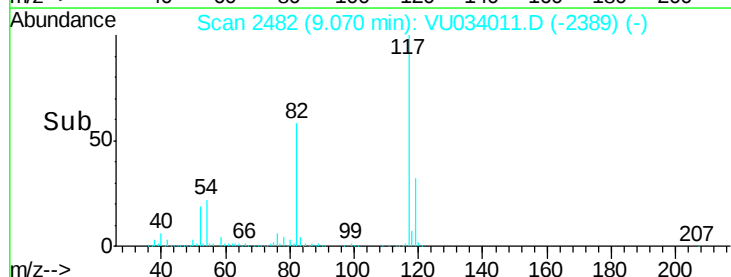
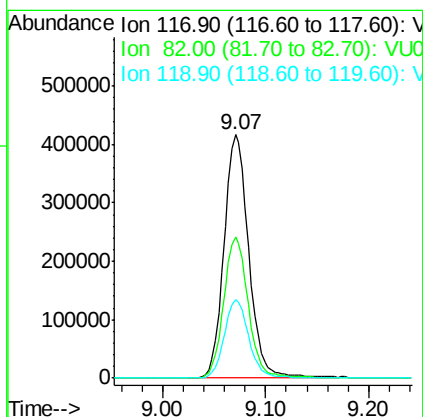
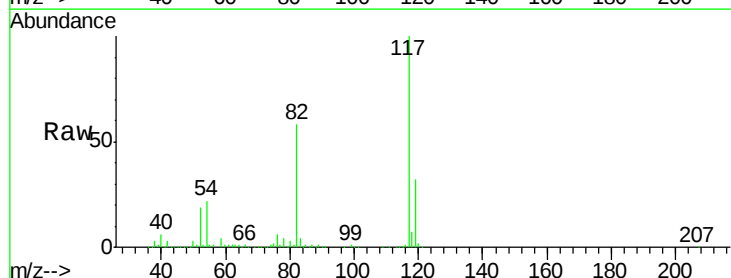
Instrument :
MSVOA_U
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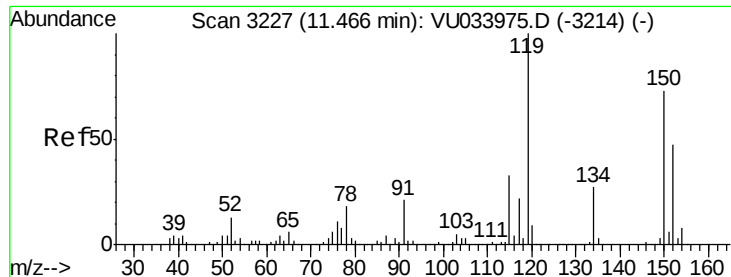
Tot Ion: 95 Resp: 313137
Ion Ratio Lower Upper
95 100
174 81.7 0.0 183.8
176 77.4 0.0 176.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. 0.00 min
Lab File: VU034011.D
Acq: 28 Aug 2019 07:50

Tgt Ion: 117 Resp: 697632
Ion Ratio Lower Upper
117 100
82 57.8 43.8 65.8
119 32.0 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.47 min Scan# 3227

Delta R.T. 0.00 min

Lab File: VU034011.D

Acq: 28 Aug 2019 07:50

Instrument :

MSVOA_U

ClientSampleId :

PL-02-082619

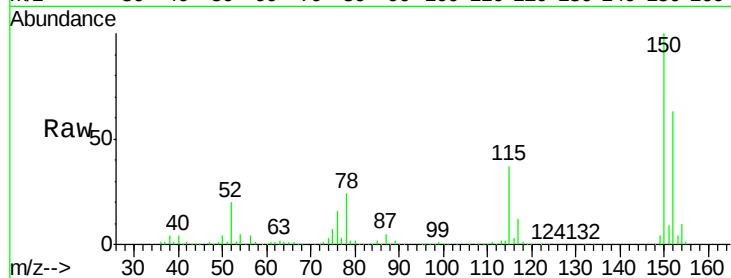
Tot Ion:152 Resp: 309415

Ion Ratio Lower Upper

152 100

115 57.8 38.6 115.7

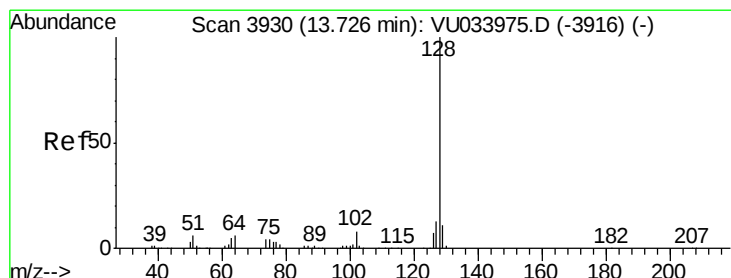
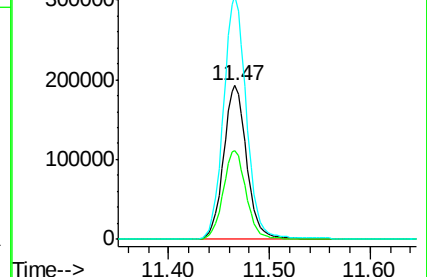
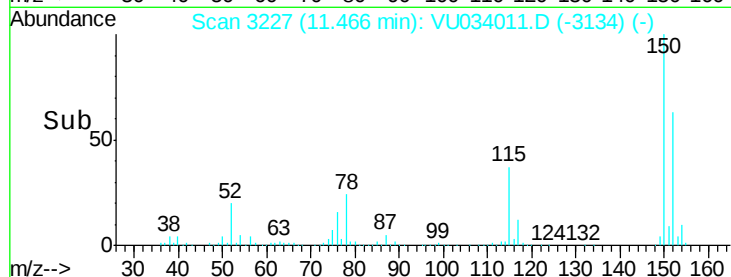
150 157.4 0.0 343.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#95

Naphthalene

Concen: 39.995 ug/l

RT: 13.73 min Scan# 3930

Delta R.T. 0.00 min

Lab File: VU034011.D

Acq: 28 Aug 2019 07:50

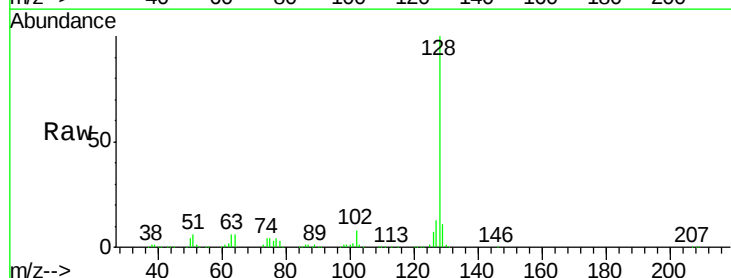
Tgt Ion:128 Resp: 755595

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.4

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

