

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111318\
 Data File : VU028099.D
 Acq On : 13 Nov 2018 18:06
 Operator : MD/SY
 Sample : J5909-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SB-15-S

Quant Time: Nov 14 08:00:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 02 02:28:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	267992	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	488392	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	430360	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	171014	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	202331	50.78	ug/l	0.00
Spiked Amount			Recovery	=	101.56%	
35) Dibromofluoromethane	4.88	113	156148	50.71	ug/l	0.00
Spiked Amount			Recovery	=	101.42%	
50) Toluene-d8	7.57	98	618438	51.99	ug/l	0.00
Spiked Amount			Recovery	=	103.98%	
62) 4-Bromofluorobenzene	10.31	95	199991	45.58	ug/l	0.00
Spiked Amount			Recovery	=	91.16%	

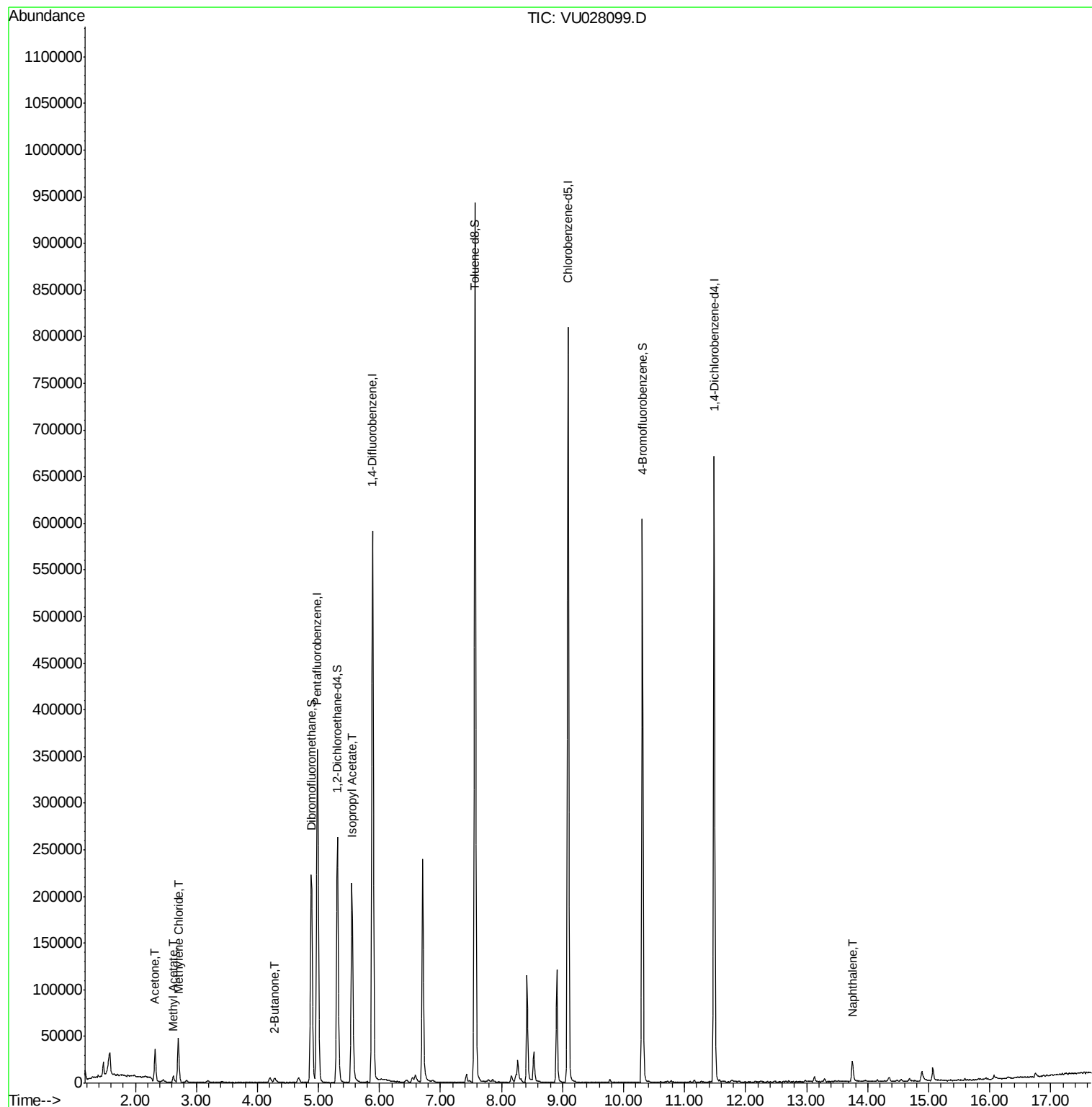
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.32	43	36672	14.835	ug/l	98
18) Methyl Acetate	2.62	43	8518	1.253	ug/l	100
20) Methylene Chloride	2.70	84	20799	5.763	ug/l	95
25) 2-Butanone	4.29	43	8469	2.153	ug/l	92
43) Isopropyl Acetate	5.55	43	252970	21.544	ug/l	97
95) Naphthalene	13.75	128	22382	1.419	ug/l	97

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

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Quant Title : SW846 8260
QLast Update : Fri Nov 02 02:28:20 2018
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: VU028099.D

Acq: 13 Nov 2018 18:06

Instrument :

MSVOA_U

ClientSampleId :

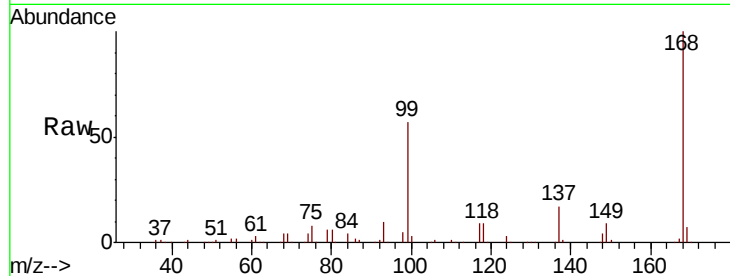
SB-15-S

Tot Ion:168 Resp: 267992

Ion Ratio Lower Upper

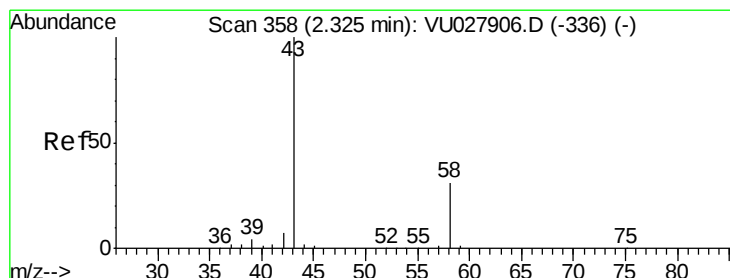
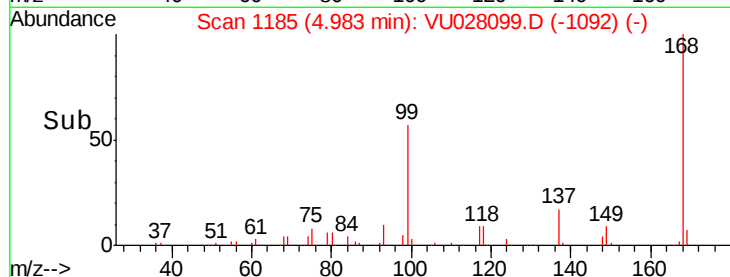
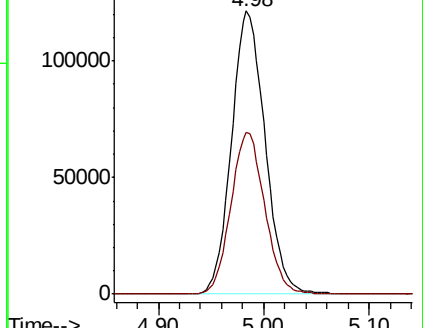
168 100

99 57.2 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VU028099.D (-1092) (-)

Ion 98.90 (98.60 to 99.60): VU028099.D (-1092) (-)



#16

Acetone

Concen: 14.835 ug/l

RT: 2.32 min Scan# 358

Delta R.T. -0.00 min

Lab File: VU028099.D

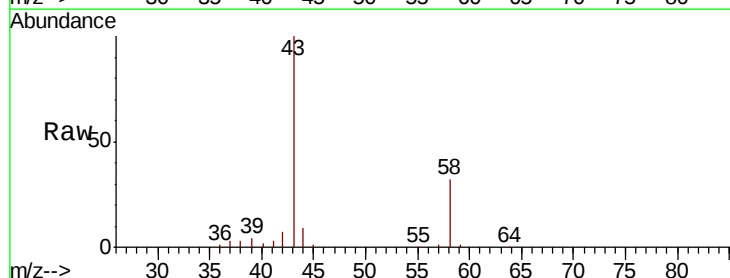
Acq: 13 Nov 2018 18:06

Tgt Ion: 43 Resp: 36672

Ion Ratio Lower Upper

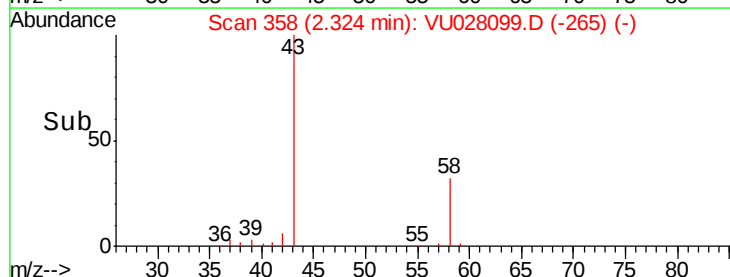
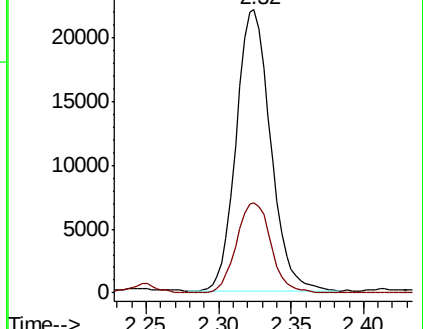
43 100

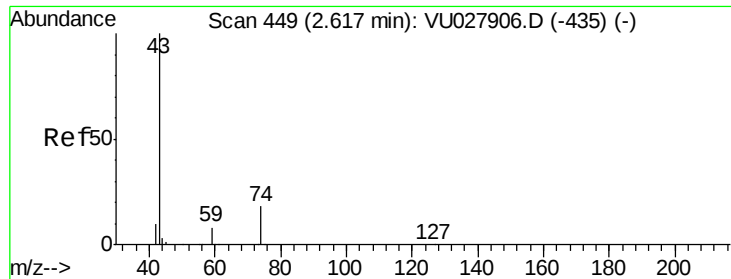
58 31.9 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VU028099.D (-265) (-)

Ion 58.00 (57.70 to 58.70): VU028099.D (-265) (-)

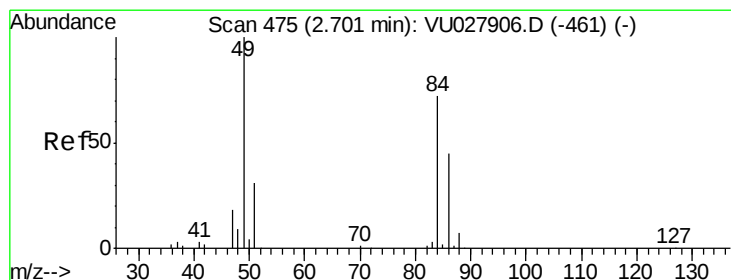
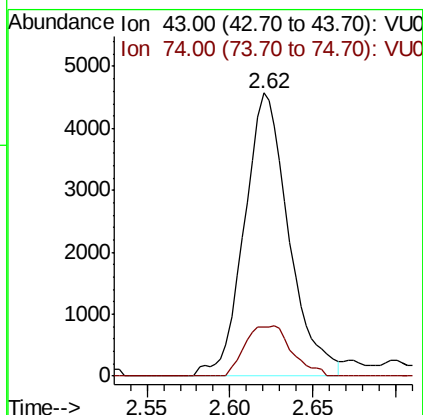
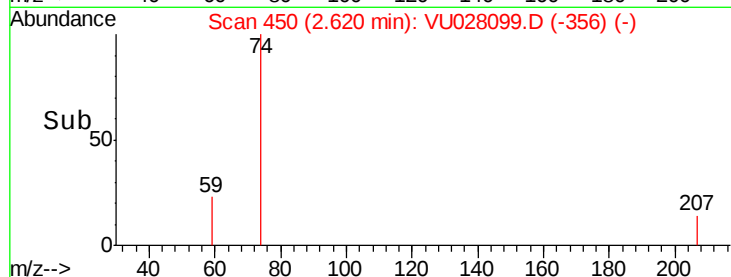
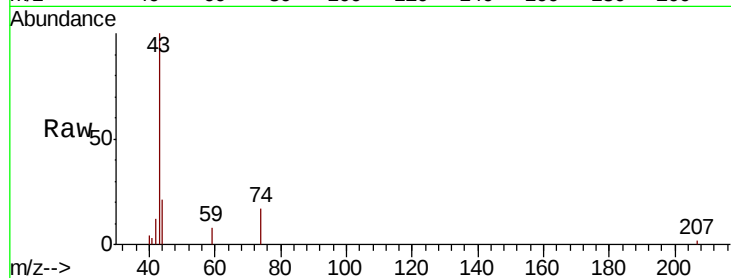




#18
Methyl Acetate
Concen: 1.253 ug/l
RT: 2.62 min Scan# 450
Delta R.T. 0.00 min
Lab File: VU028099.D
Acq: 13 Nov 2018 18:06

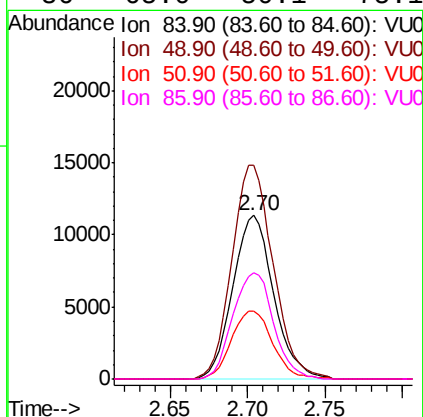
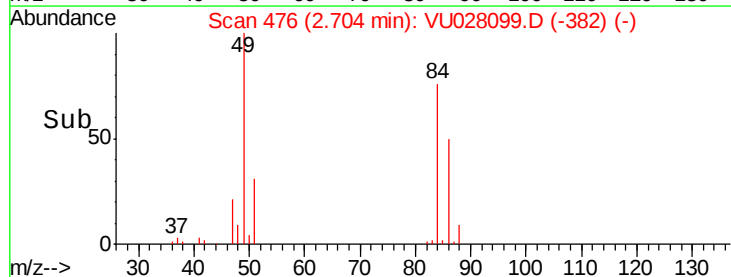
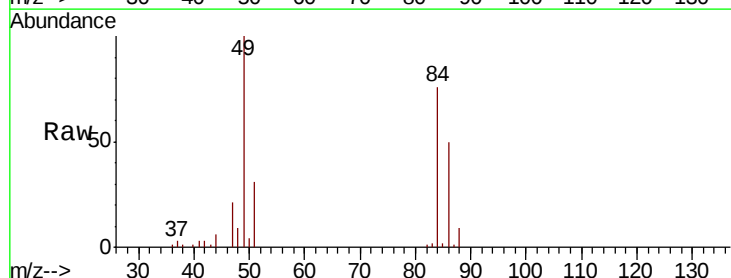
Instrument :
MSVOA_U
ClientSampleId :
SB-15-S

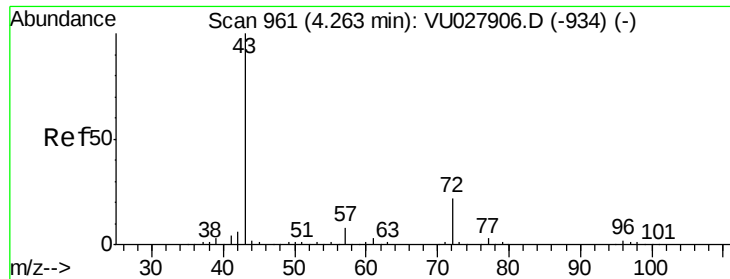
Tot Ion: 43 Resp: 8518
Ion Ratio Lower Upper
43 100
74 18.7 14.9 22.3



#20
Methylene Chloride
Concen: 5.763 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.00 min
Lab File: VU028099.D
Acq: 13 Nov 2018 18:06

Tgt Ion: 84 Resp: 20799
Ion Ratio Lower Upper
84 100
49 130.8 111.6 167.4
51 41.2 34.8 52.2
86 65.0 50.1 75.1





#25

2-Butanone

Concen: 2.153 ug/l

RT: 4.29 min Scan# 969

Delta R.T. 0.03 min

Lab File: VU028099.D

Acq: 13 Nov 2018 18:06

Instrument :

MSVOA_U

ClientSampleId :

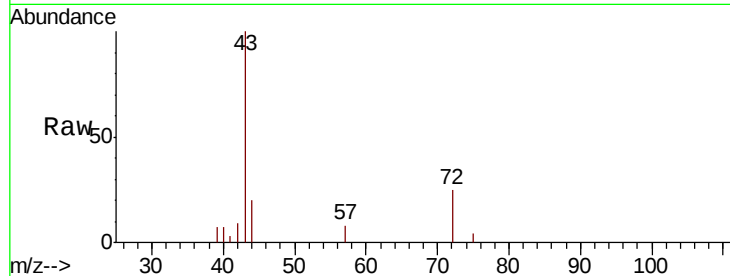
SB-15-S

Tot Ion: 43 Resp: 8469

Ion Ratio Lower Upper

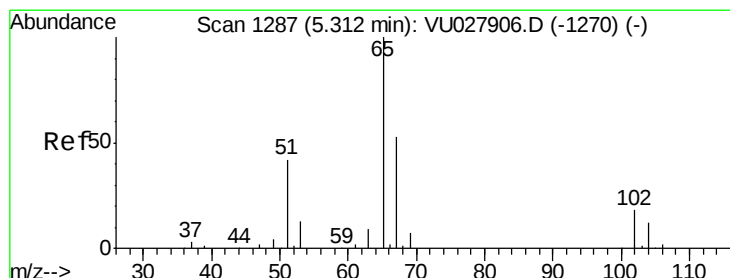
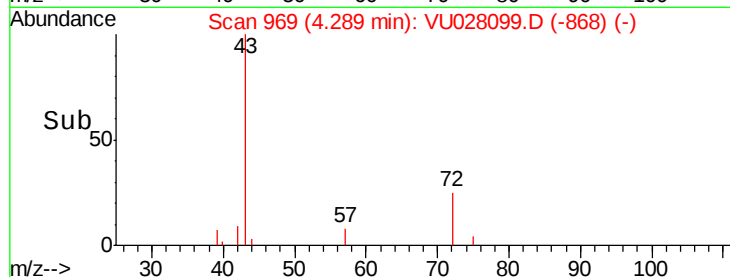
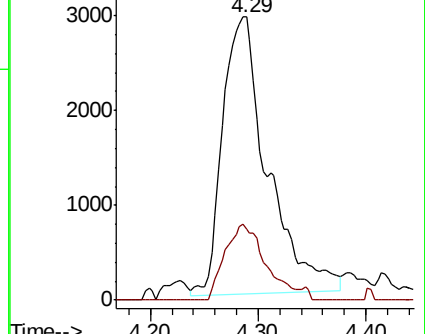
43 100

72 26.1 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VU027906.D (-934) (-)

Ion 72.00 (71.70 to 72.70): VU027906.D (-934) (-)



#33

1,2-Dichloroethane-d4

Concen: 50.781 ug/l

RT: 5.31 min Scan# 1287

Delta R.T. -0.00 min

Lab File: VU028099.D

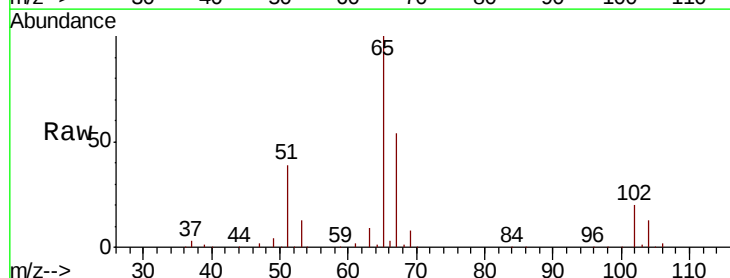
Acq: 13 Nov 2018 18:06

Tgt Ion: 65 Resp: 202331

Ion Ratio Lower Upper

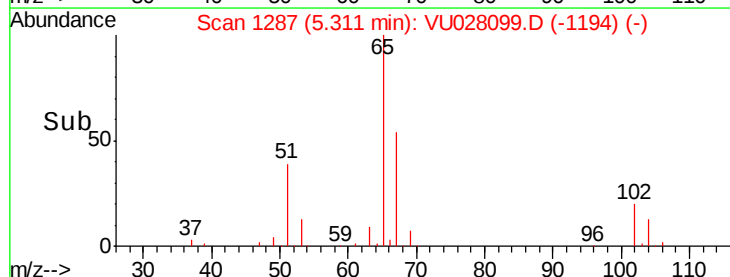
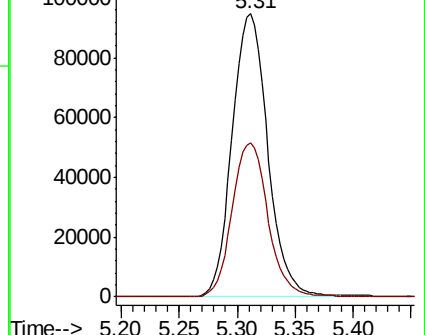
65 100

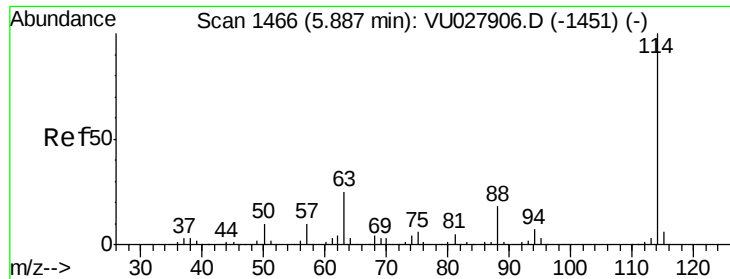
67 54.9 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VU027906.D (-1270) (-)

Ion 66.90 (66.60 to 67.60): VU027906.D (-1270) (-)

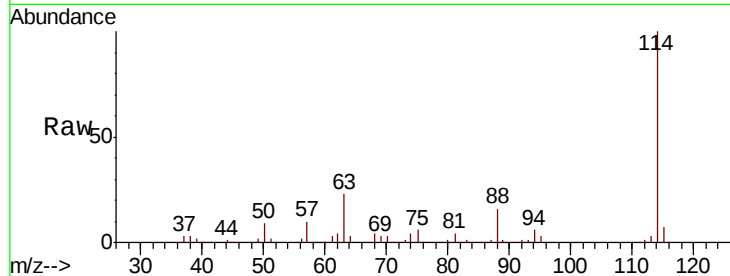




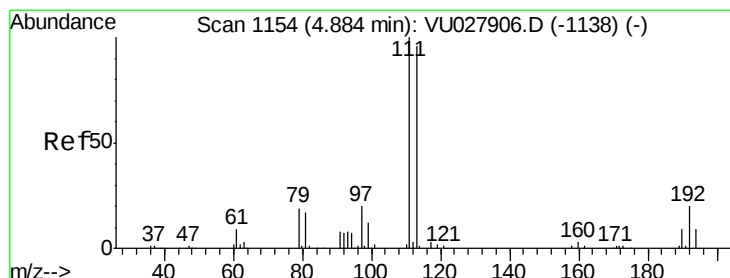
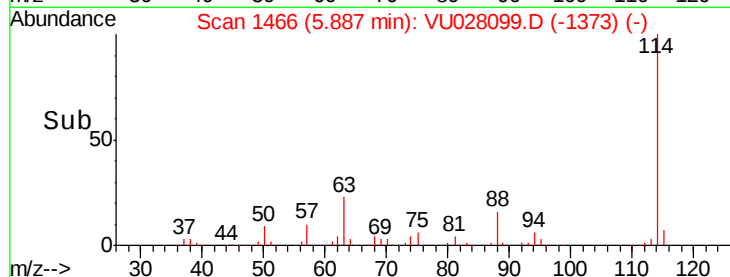
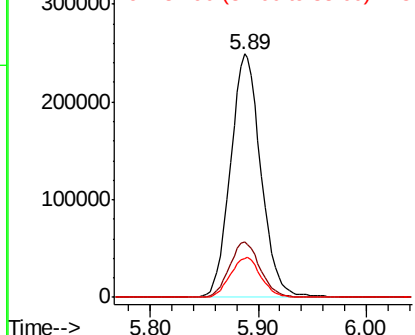
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: VU028099.D
 Acq: 13 Nov 2018 18:06

Instrument :
 MSVOA_U
 ClientSampleId :
 SB-15-S

Tot Ion:114 Resp: 488392
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 50.8
 88 16.2 0.0 35.8

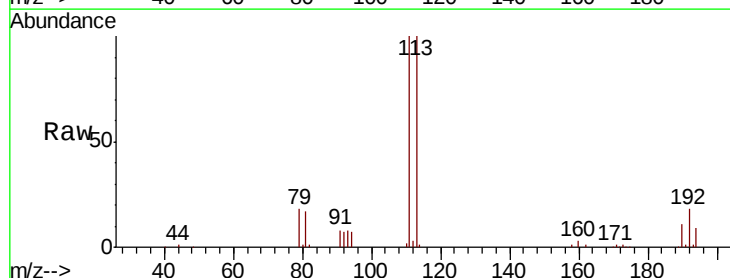


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

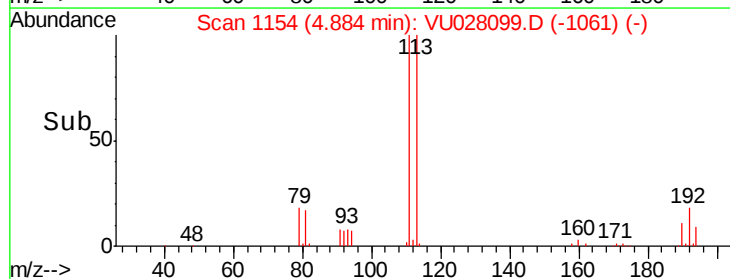
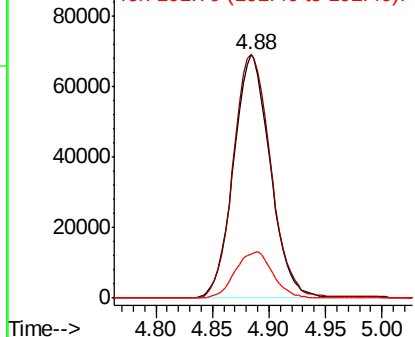


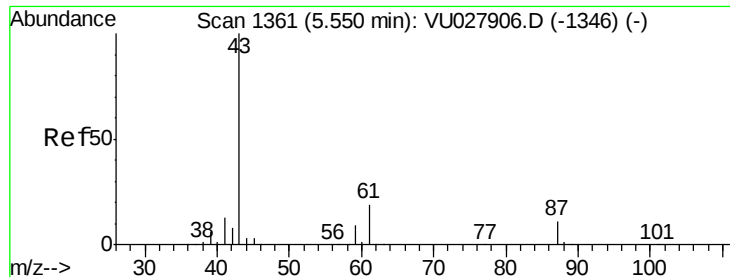
#35
 Dibromofluoromethane
 Concen: 50.707 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: VU028099.D
 Acq: 13 Nov 2018 18:06

Tgt Ion:113 Resp: 156148
 Ion Ratio Lower Upper
 113 100
 111 102.1 83.0 124.6
 192 19.5 15.6 23.4



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: 21.544 ug/l

RT: 5.55 min Scan# 1361

Delta R.T. -0.00 min

Lab File: VU028099.D

Acq: 13 Nov 2018 18:06

Instrument :

MSVOA_U

ClientSampleId :

SB-15-S

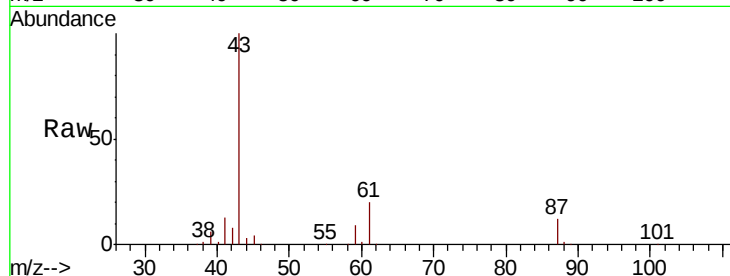
Tot Ion: 43 Resp: 252970

Ion Ratio Lower Upper

43 100

61 19.7 15.0 22.4

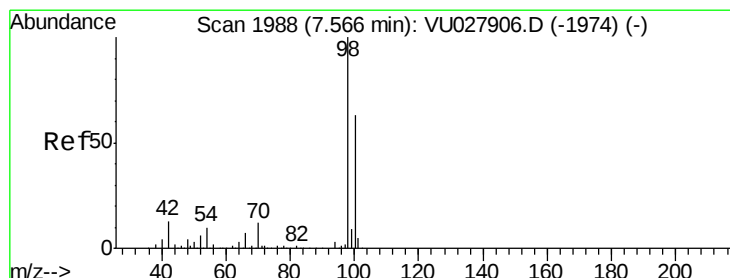
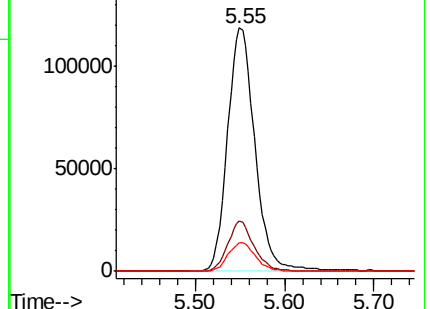
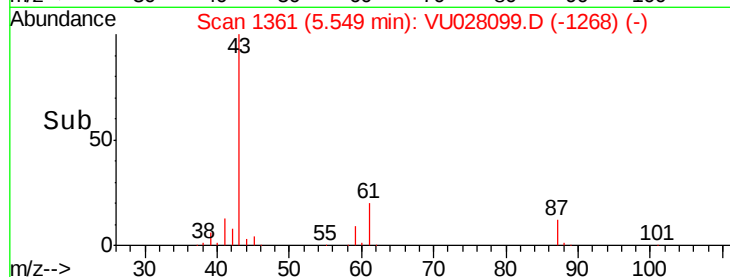
87 11.8 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VU027906.D (-1346) (-)

Ion 61.00 (60.70 to 61.70): VU027906.D (-1346) (-)

Ion 87.00 (86.70 to 87.70): VU027906.D (-1346) (-)



#50

Toluene-d8

Concen: 51.990 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU028099.D

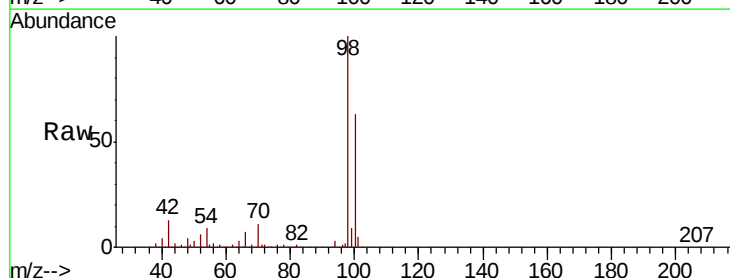
Acq: 13 Nov 2018 18:06

Tgt Ion: 98 Resp: 618438

Ion Ratio Lower Upper

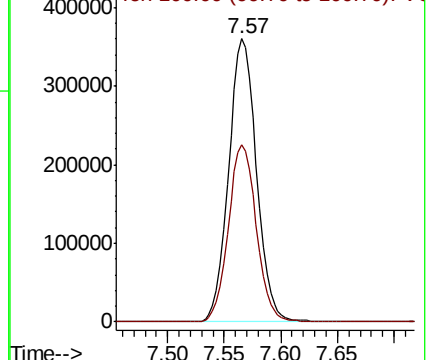
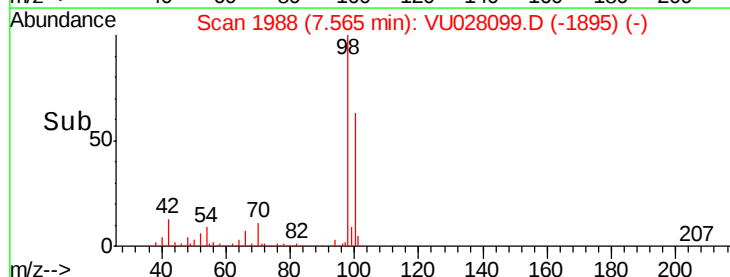
98 100

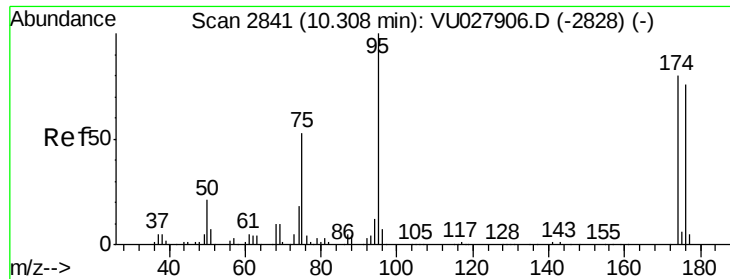
100 62.8 50.1 75.1



Abundance Ion 98.00 (97.70 to 98.70): VU027906.D (-1974) (-)

Ion 100.00 (99.70 to 100.70): VU027906.D (-1974) (-)

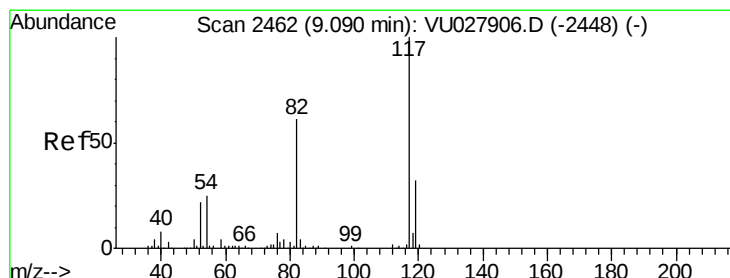
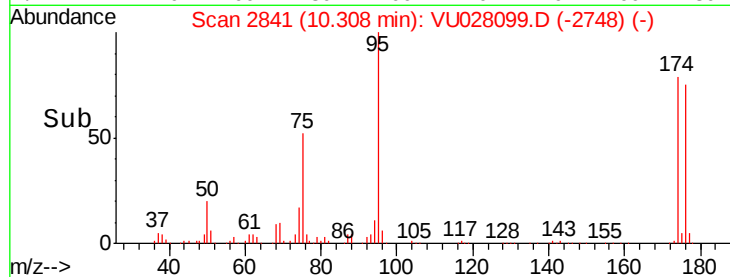
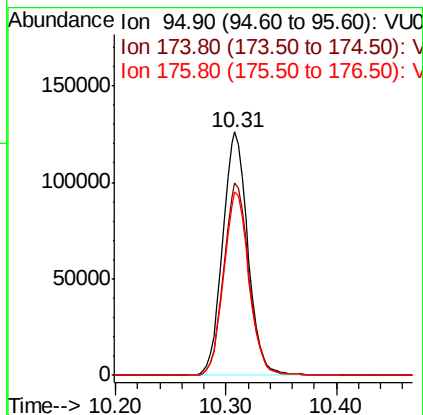
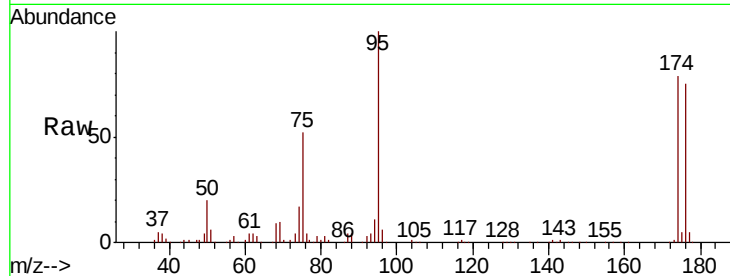




#62
4-Bromofluorobenzene
Concen: 45.581 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.00 min
Lab File: VU028099.D
Acq: 13 Nov 2018 18:06

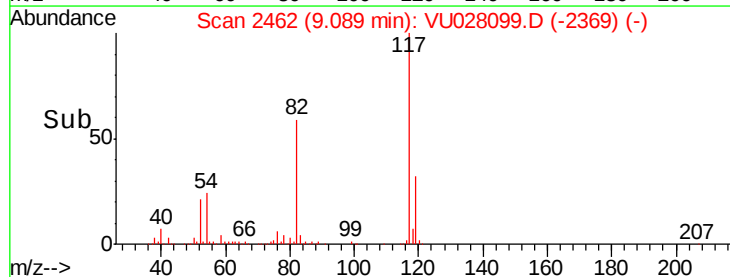
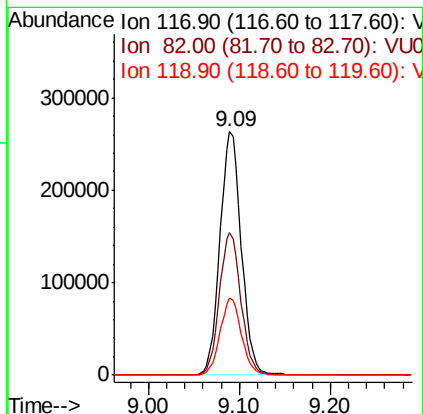
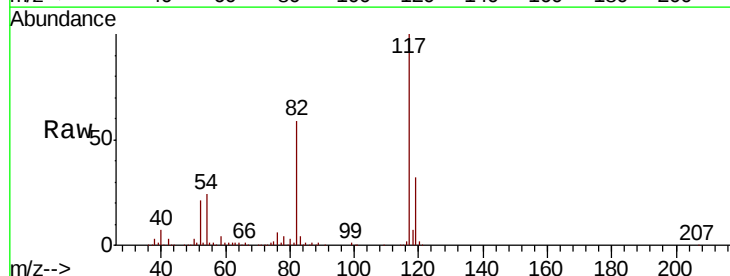
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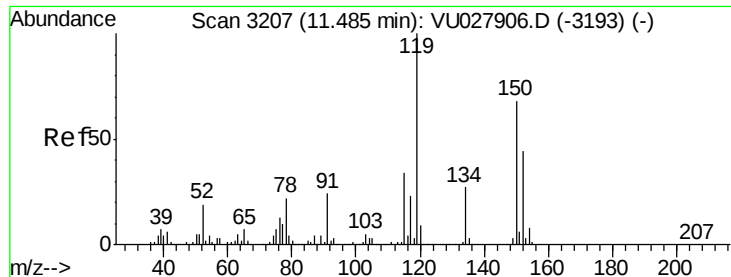
Tot Ion: 95 Resp: 199991
Ion Ratio Lower Upper
95 100
174 78.8 0.0 156.4
176 75.5 0.0 150.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU028099.D
Acq: 13 Nov 2018 18:06

Tgt Ion: 117 Resp: 430360
Ion Ratio Lower Upper
117 100
82 58.6 48.6 73.0
119 31.6 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3207

Delta R.T. -0.00 min

Lab File: VU028099.D

Acq: 13 Nov 2018 18:06

Instrument :

MSVOA_U

ClientSampled :

SB-15-S

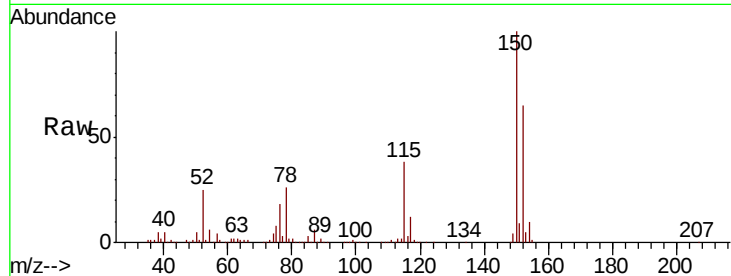
Tot Ion:152 Resp: 171014

Ion Ratio Lower Upper

152 100

115 58.5 43.0 129.0

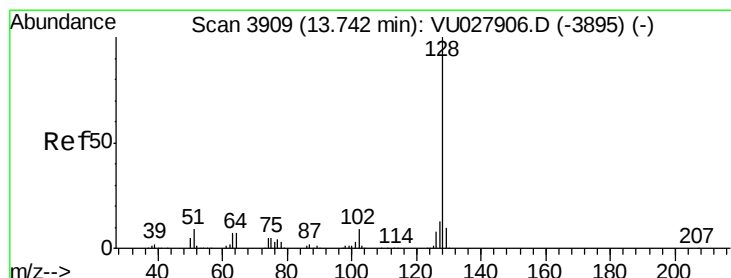
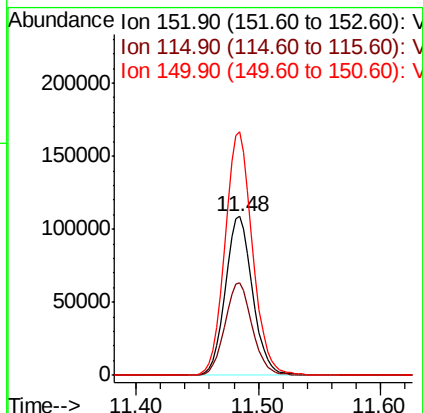
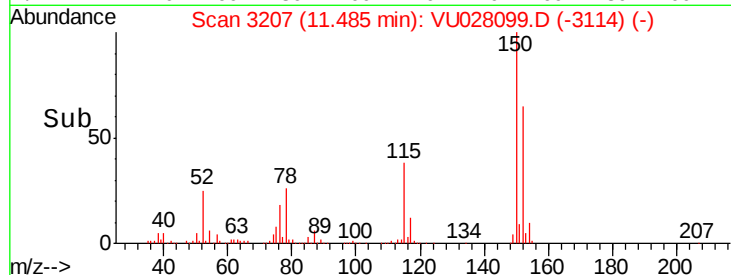
150 154.0 0.0 349.4



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: 1.419 ug/l

RT: 13.75 min Scan# 3911

Delta R.T. 0.01 min

Lab File: VU028099.D

Acq: 13 Nov 2018 18:06

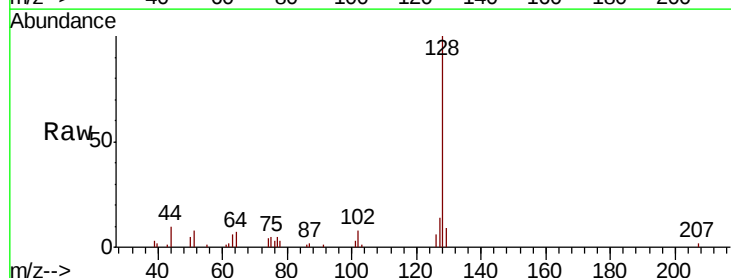
Tgt Ion:128 Resp: 22382

Ion Ratio Lower Upper

128 100

127 12.4 10.4 15.6

129 8.7 8.3 12.5



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

