

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091918\
 Data File : VX004712.D
 Acq On : 19 Sep 2018 18:06
 Operator : JC/MD
 Sample : J4979-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VNJ-202

Quant Time: Sep 20 04:43:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

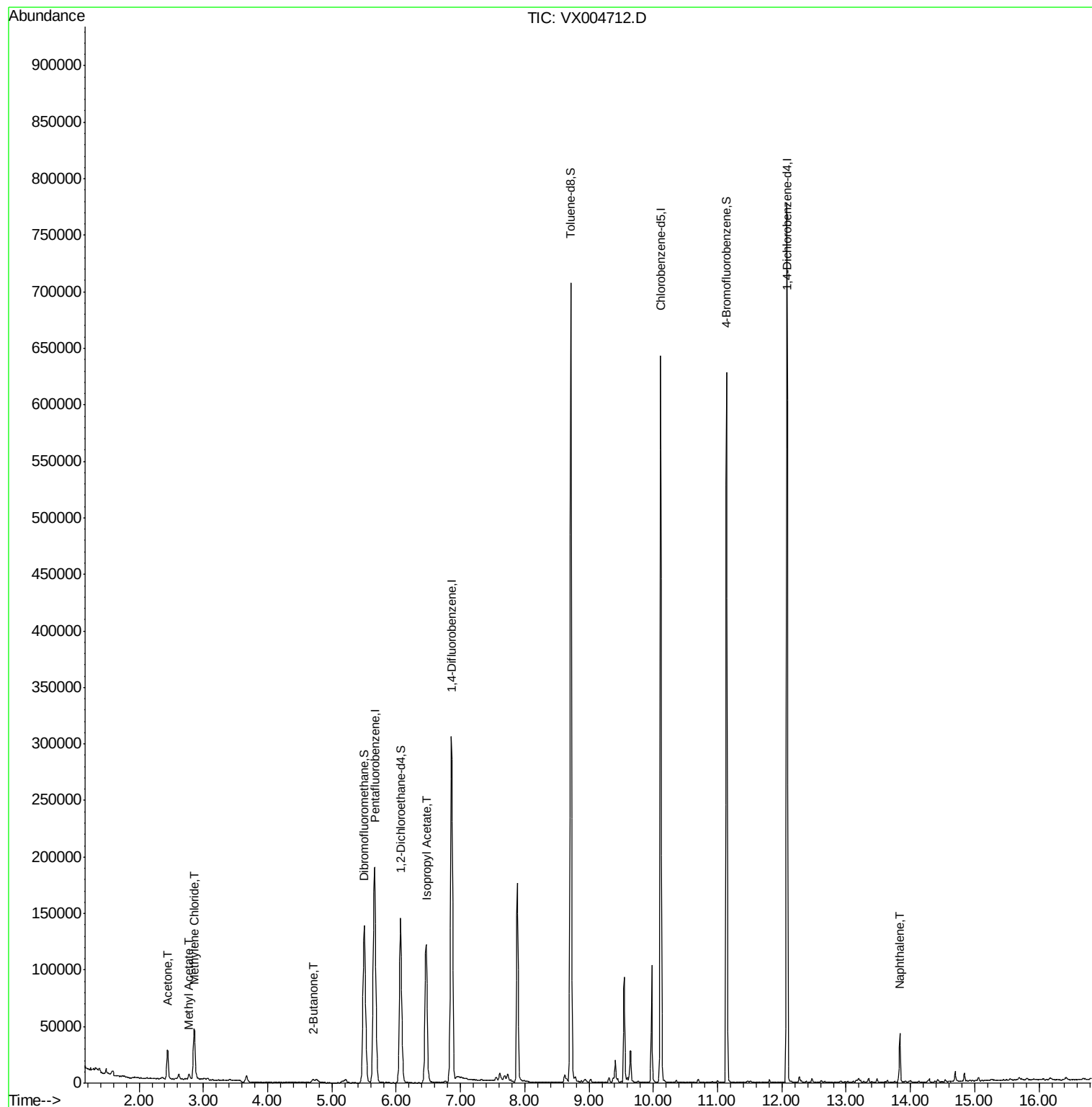
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	204996	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	319448	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	305003	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	168103	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	129319	48.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.84%	
35) Dibromofluoromethane	5.50	113	119082	40.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.48%	
50) Toluene-d8	8.72	98	444593	45.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.70%	
62) 4-Bromofluorobenzene	11.14	95	159218	45.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.00%	
Target Compounds						
16) Acetone	2.44	43	27932	21.65	ug/l	Qvalue 100
18) Methyl Acetate	2.78	43	5673	1.57	ug/l	99
20) Methylene Chloride	2.85	84	22307	8.43	ug/l	99
25) 2-Butanone	4.71	43	6165	3.00	ug/l	99
43) Isopropyl Acetate	6.47	43	160859	27.46	ug/l	99
95) Naphthalene	13.83	128	26974	2.35	ug/l	99

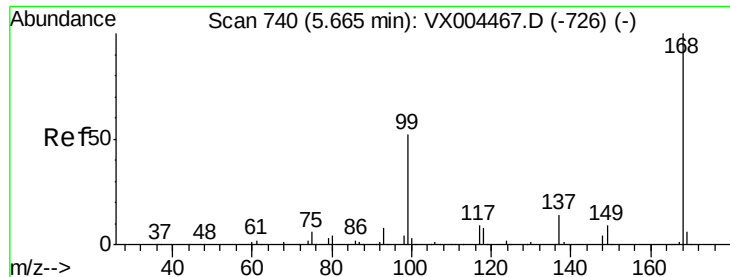
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 20 04:43:27 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 12 02:17:23 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 741

Delta R.T. 0.01 min

Lab File: VX004712.D

Acq: 19 Sep 2018 18:06

Instrument :

MSVOA_X

ClientSampleId :

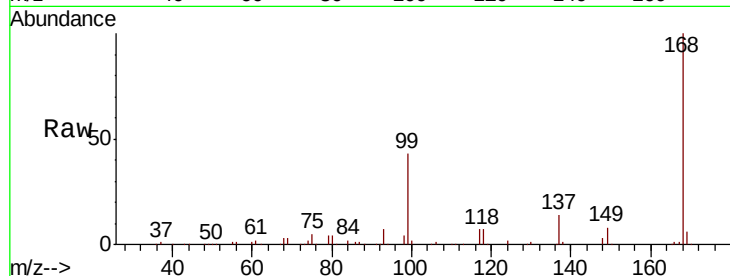
VNJ-202

Tot Ion:168 Resp: 204996

Ion Ratio Lower Upper

168 100

99 42.7 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

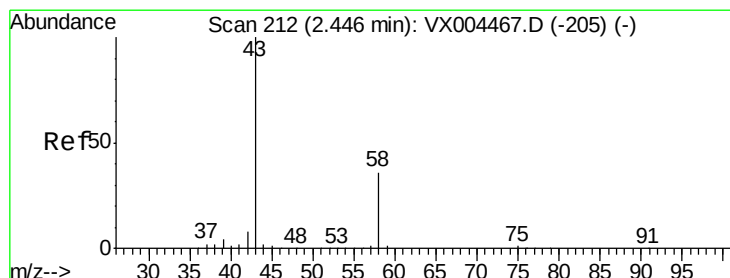
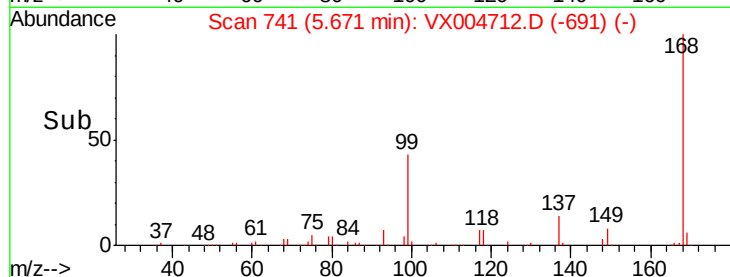
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 21.65 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX004712.D

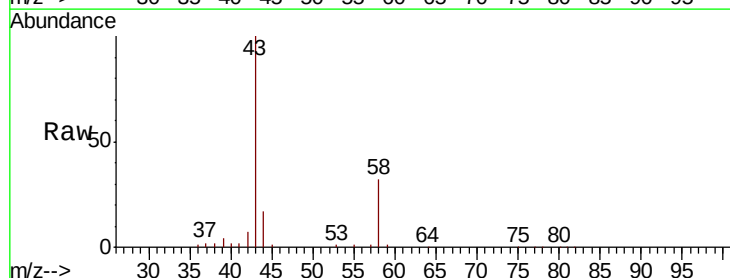
Acq: 19 Sep 2018 18:06

Tgt Ion: 43 Resp: 27932

Ion Ratio Lower Upper

43 100

58 32.7 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

15000

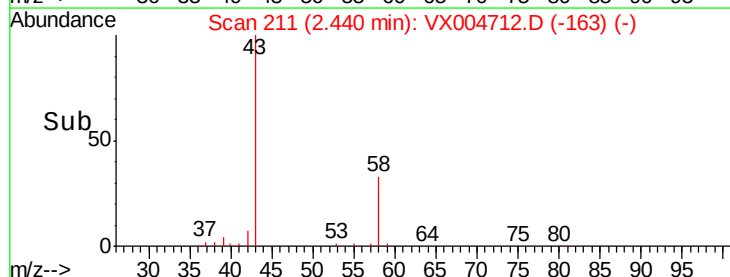
10000

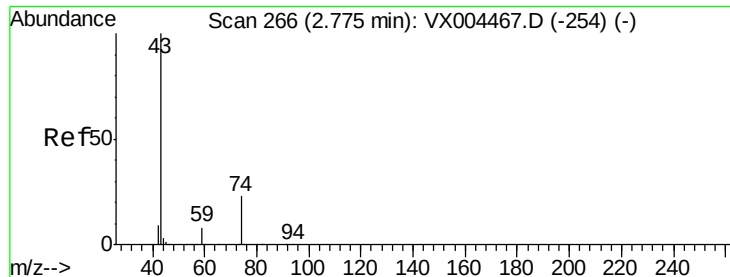
5000

0

Time-->

2.40 2.50

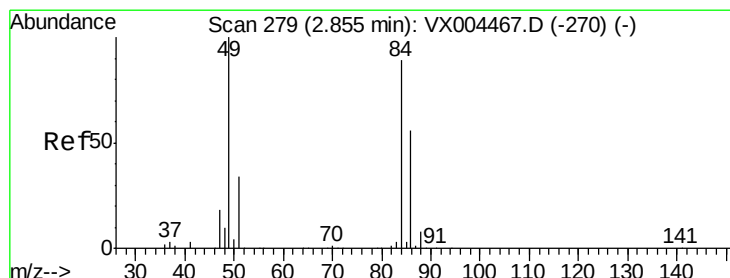
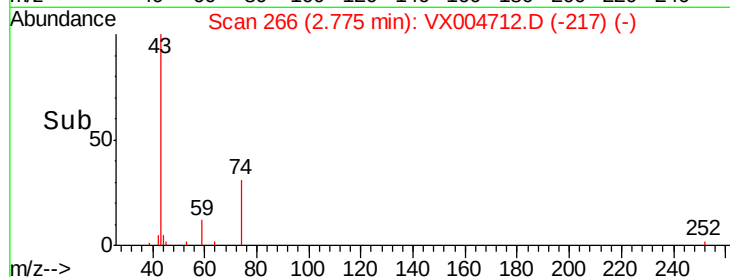
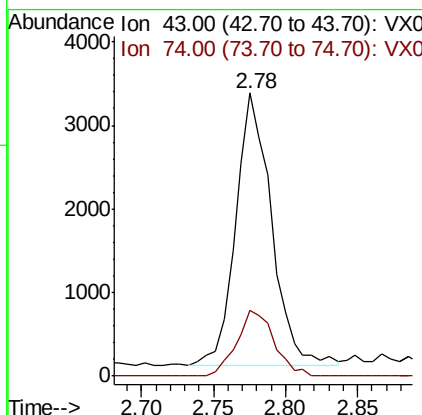
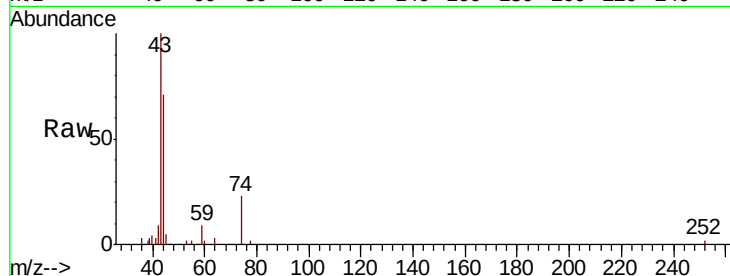




#18
Methvl Acetate
Concen: 1.57 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX004712.D
Acq: 19 Sep 2018 18:06

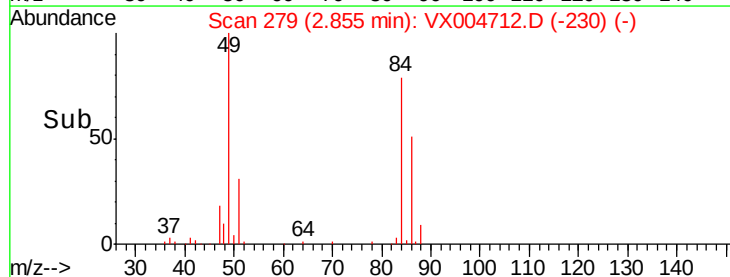
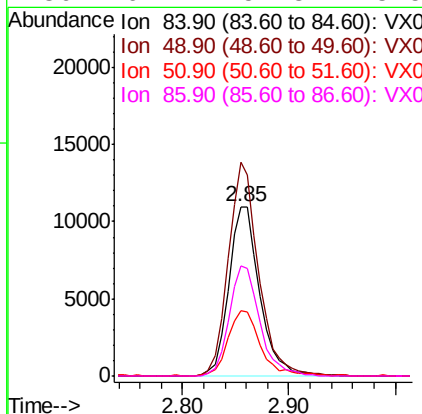
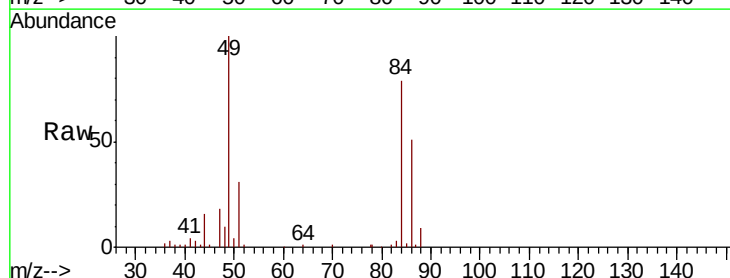
Instrument :
MSVOA_X
ClientSampleId :
VNJ-202

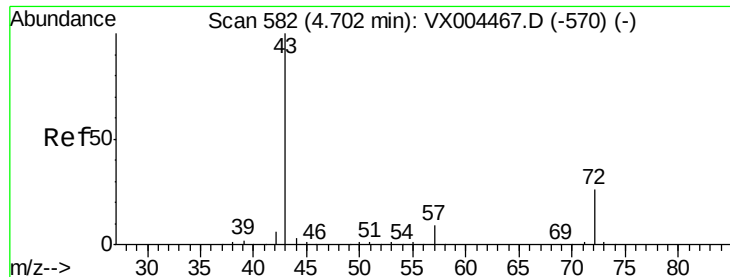
Tot Ion: 43 Resp: 5673
Ion Ratio Lower Upper
43 100
74 24.8 19.4 29.2



#20
Methylene Chloride
Concen: 8.43 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX004712.D
Acq: 19 Sep 2018 18:06

Tgt Ion: 84 Resp: 22307
Ion Ratio Lower Upper
84 100
49 126.0 101.2 151.8
51 38.9 29.5 44.3
86 64.7 52.3 78.5





#25

2-Butanone

Concen: 3.00 ug/l

RT: 4.71 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX004712.D

Acq: 19 Sep 2018 18:06

Instrument :

MSVOA_X

ClientSampleId :

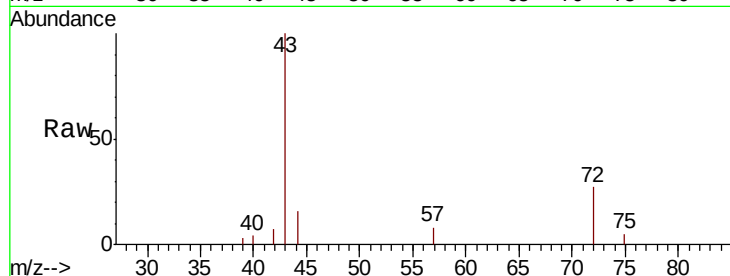
VNJ-202

Tot Ion: 43 Resp: 6165

Ion Ratio Lower Upper

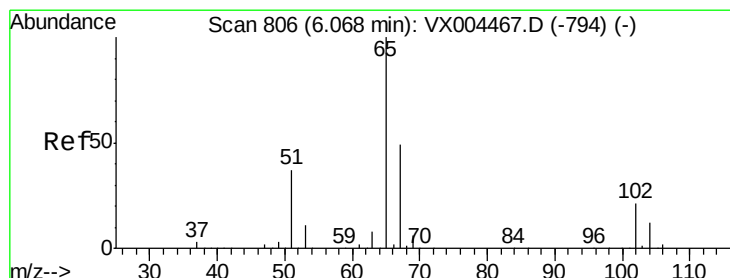
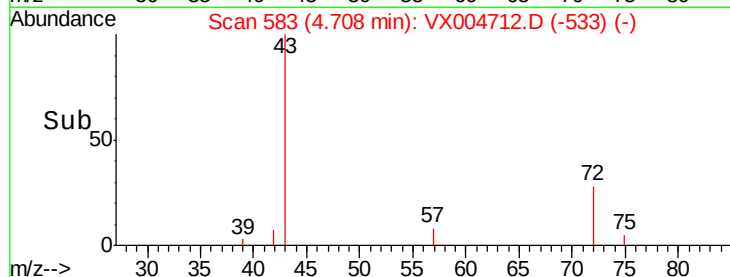
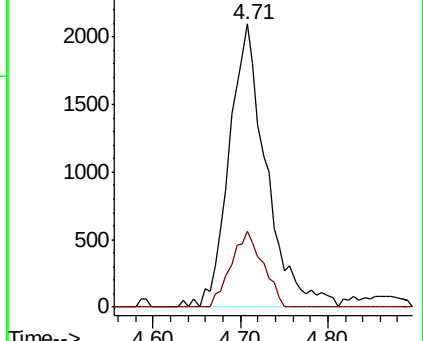
43 100

72 27.0 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 48.92 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004712.D

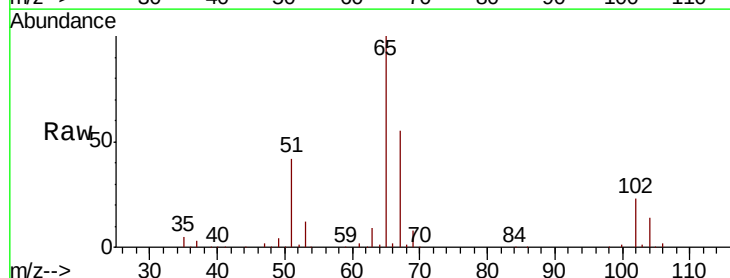
Acq: 19 Sep 2018 18:06

Tgt Ion: 65 Resp: 129319

Ion Ratio Lower Upper

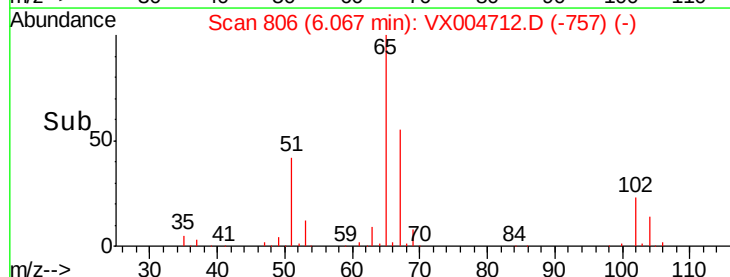
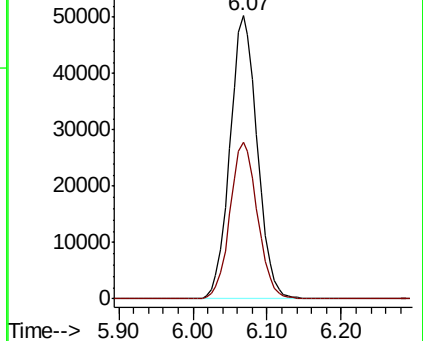
65 100

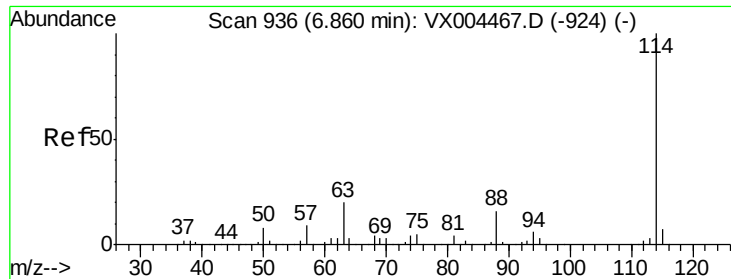
67 55.4 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX004712.D

Acq: 19 Sep 2018 18:06

Instrument :

MSVOA_X

ClientSampleId :

VNJ-202

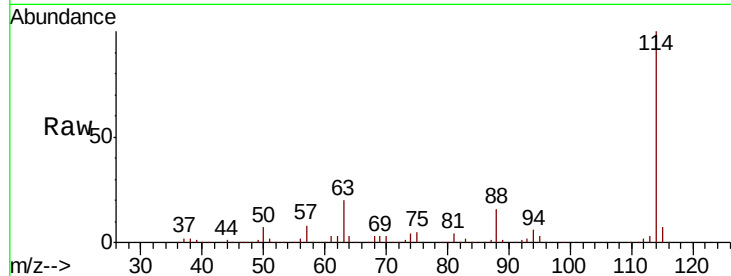
Tot Ion:114 Resp: 319448

Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.0

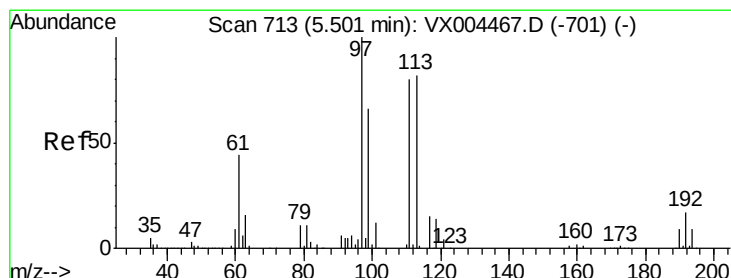
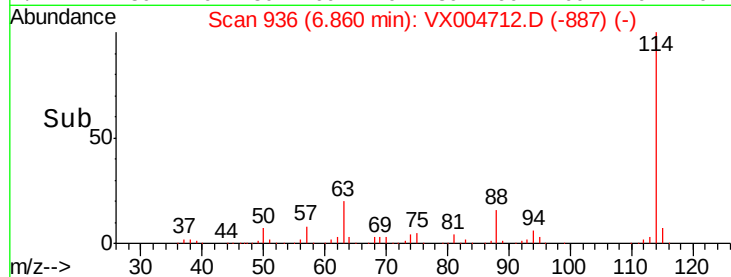
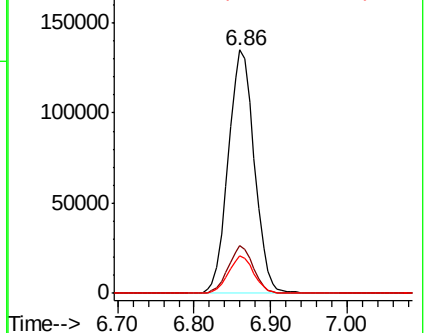
88 15.6 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 40.74 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX004712.D

Acq: 19 Sep 2018 18:06

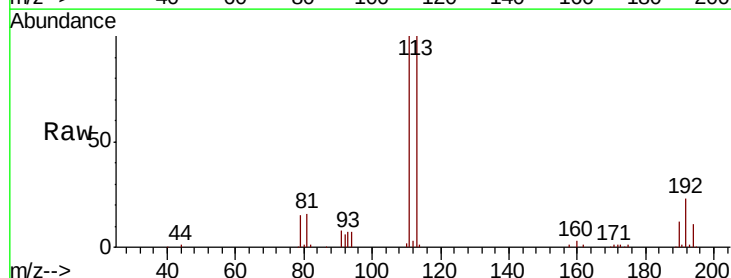
Tgt Ion:113 Resp: 119082

Ion Ratio Lower Upper

113 100

111 102.8 82.4 123.6

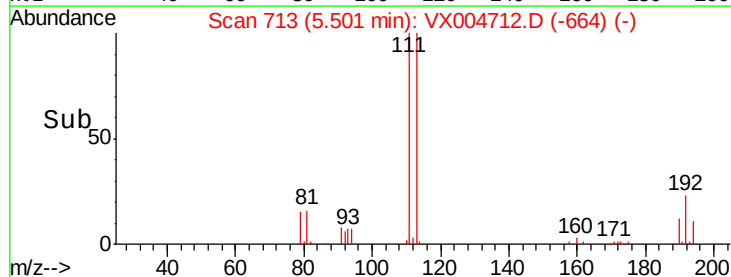
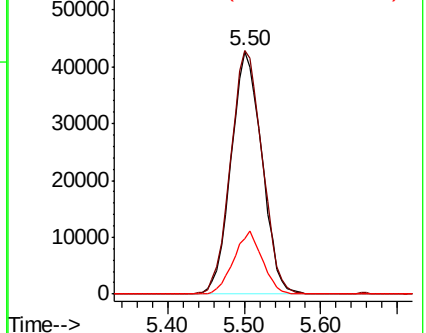
192 24.3 19.4 29.2

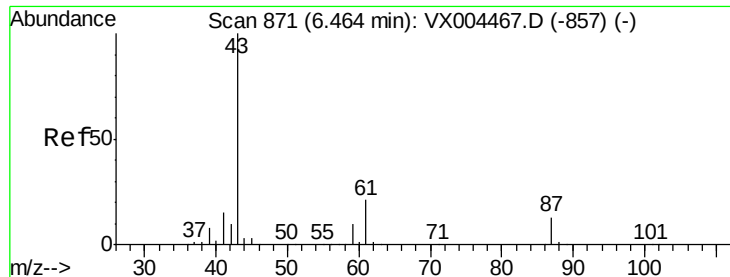


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 27.46 ug/l

RT: 6.47 min Scan# 872

Delta R.T. 0.01 min

Lab File: VX004712.D

Acq: 19 Sep 2018 18:06

Instrument :

MSVOA_X

ClientSampleId :

VNJ-202

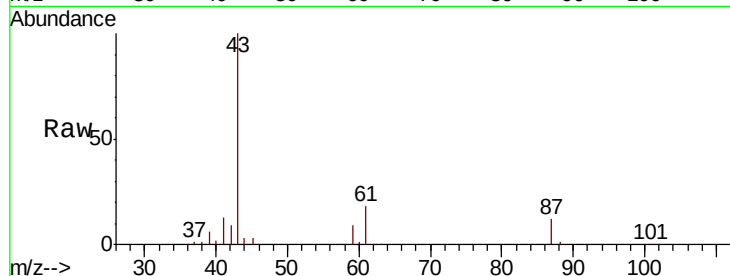
Tot Ion: 43 Resp: 160859

Ion Ratio Lower Upper

43 100

61 21.0 17.0 25.4

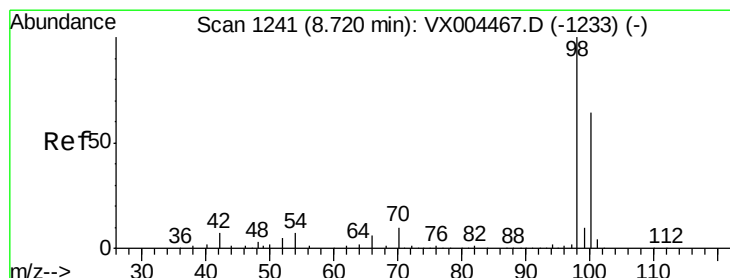
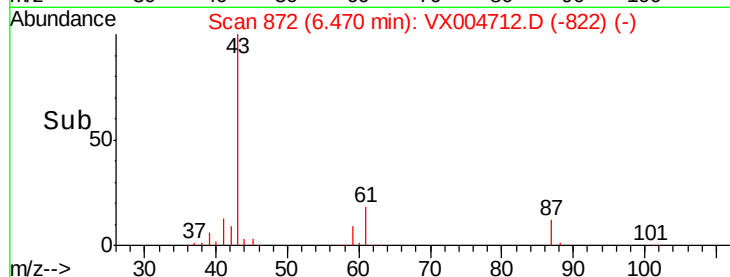
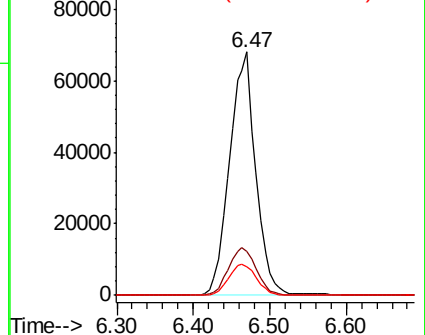
87 13.8 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#50

Toluene-d8

Concen: 45.35 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VX004712.D

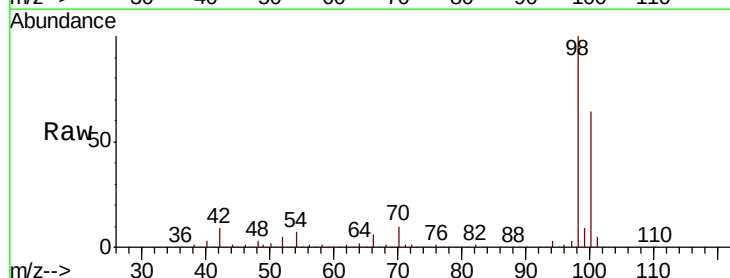
Acq: 19 Sep 2018 18:06

Tgt Ion: 98 Resp: 444593

Ion Ratio Lower Upper

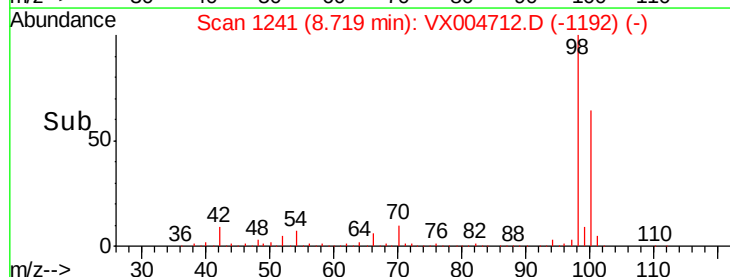
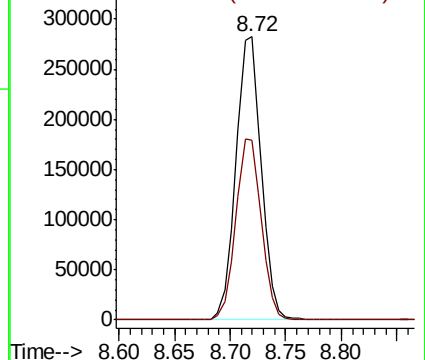
98 100

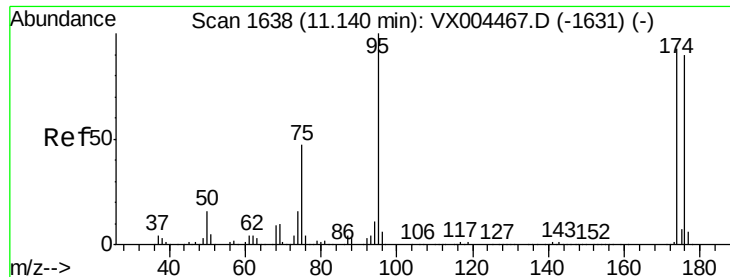
100 64.6 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 45.50 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004712.D

Acq: 19 Sep 2018 18:06

Instrument :

MSVOA_X

ClientSampleId :

VNJ-202

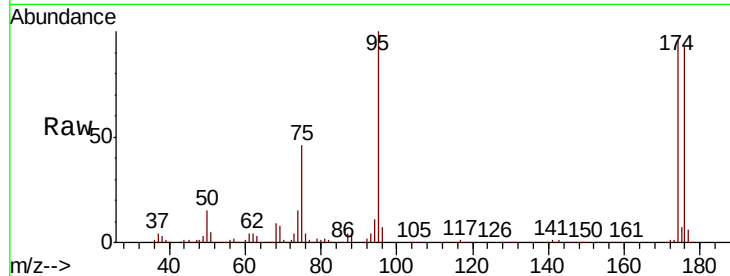
Tot Ion: 95 Resp: 159218

Ion Ratio Lower Upper

95 100

174 94.4 0.0 185.2

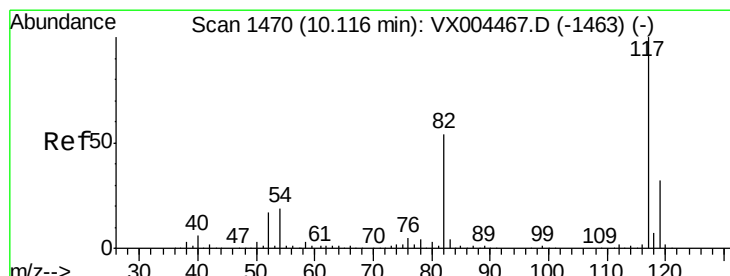
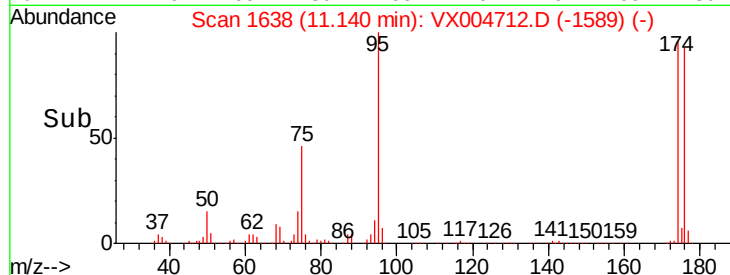
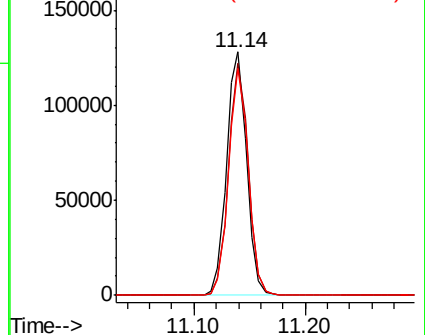
176 91.8 0.0 178.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX004712.D

Acq: 19 Sep 2018 18:06

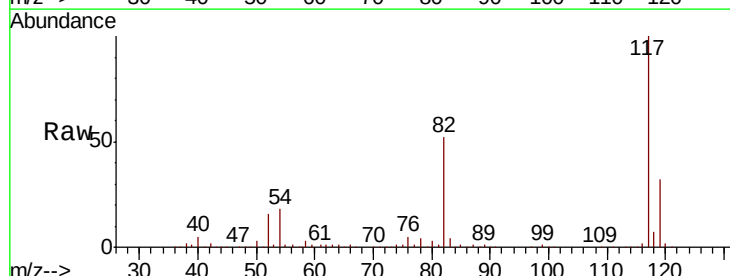
Tgt Ion: 117 Resp: 305003

Ion Ratio Lower Upper

117 100

82 52.5 47.8 71.6

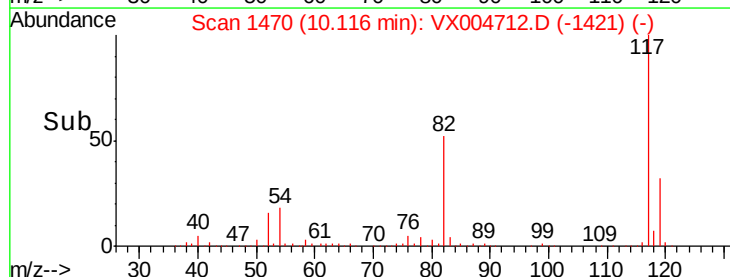
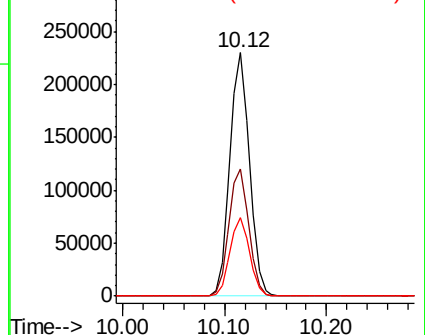
119 32.2 29.3 43.9

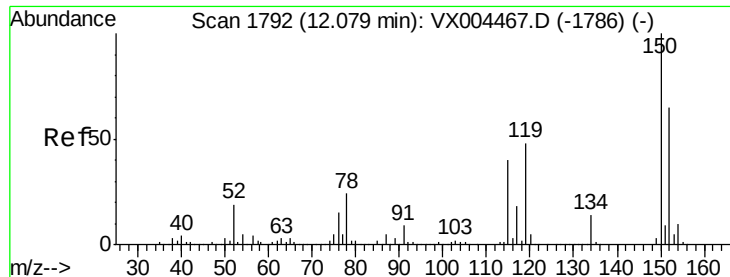


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX004712.D

Acq: 19 Sep 2018 18:06

Instrument :

MSVOA_X

ClientSampleId :

VNJ-202

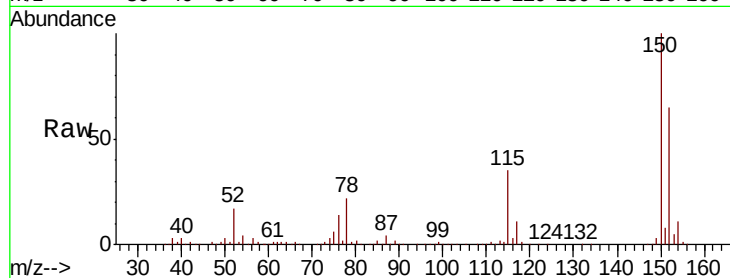
Tot Ion:152 Resp: 168103

Ion Ratio Lower Upper

152 100

115 53.7 39.0 117.0

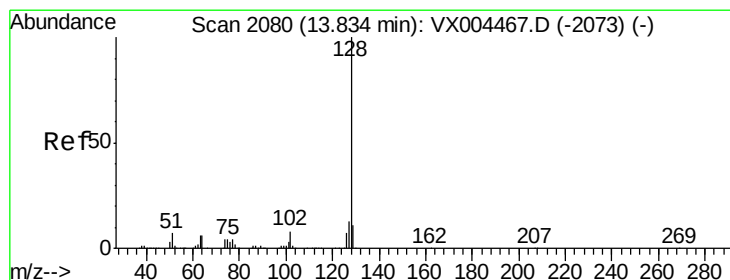
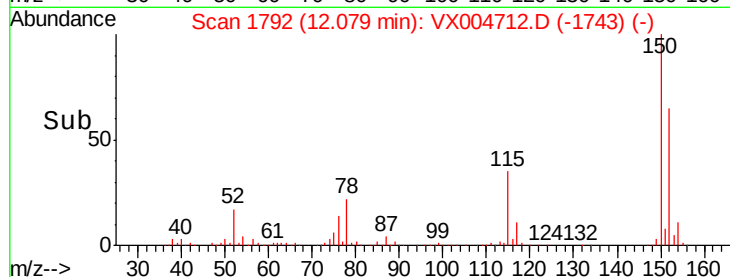
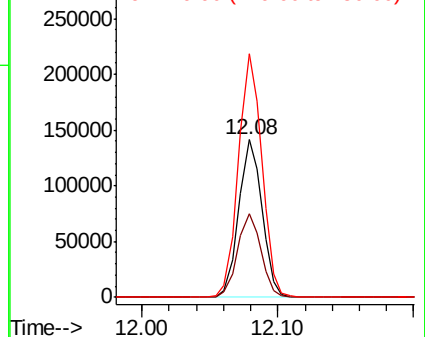
150 156.1 0.0 351.0



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: 2.35 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX004712.D

Acq: 19 Sep 2018 18:06

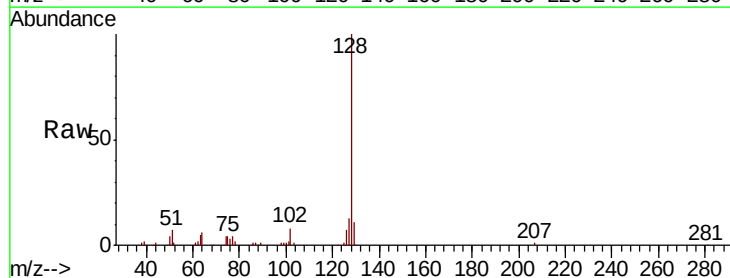
Tgt Ion:128 Resp: 26974

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

129 11.1 8.6 12.8



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

