

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071720\
 Data File : VX017427.D
 Acq On : 17 Jul 2020 18:05
 Operator : JC/SP
 Sample : L3334-04DL 4X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 E-LGC-4DL

Quant Time: Jul 20 01:28:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 14 02:59:51 2020
 Response via : Initial Calibration

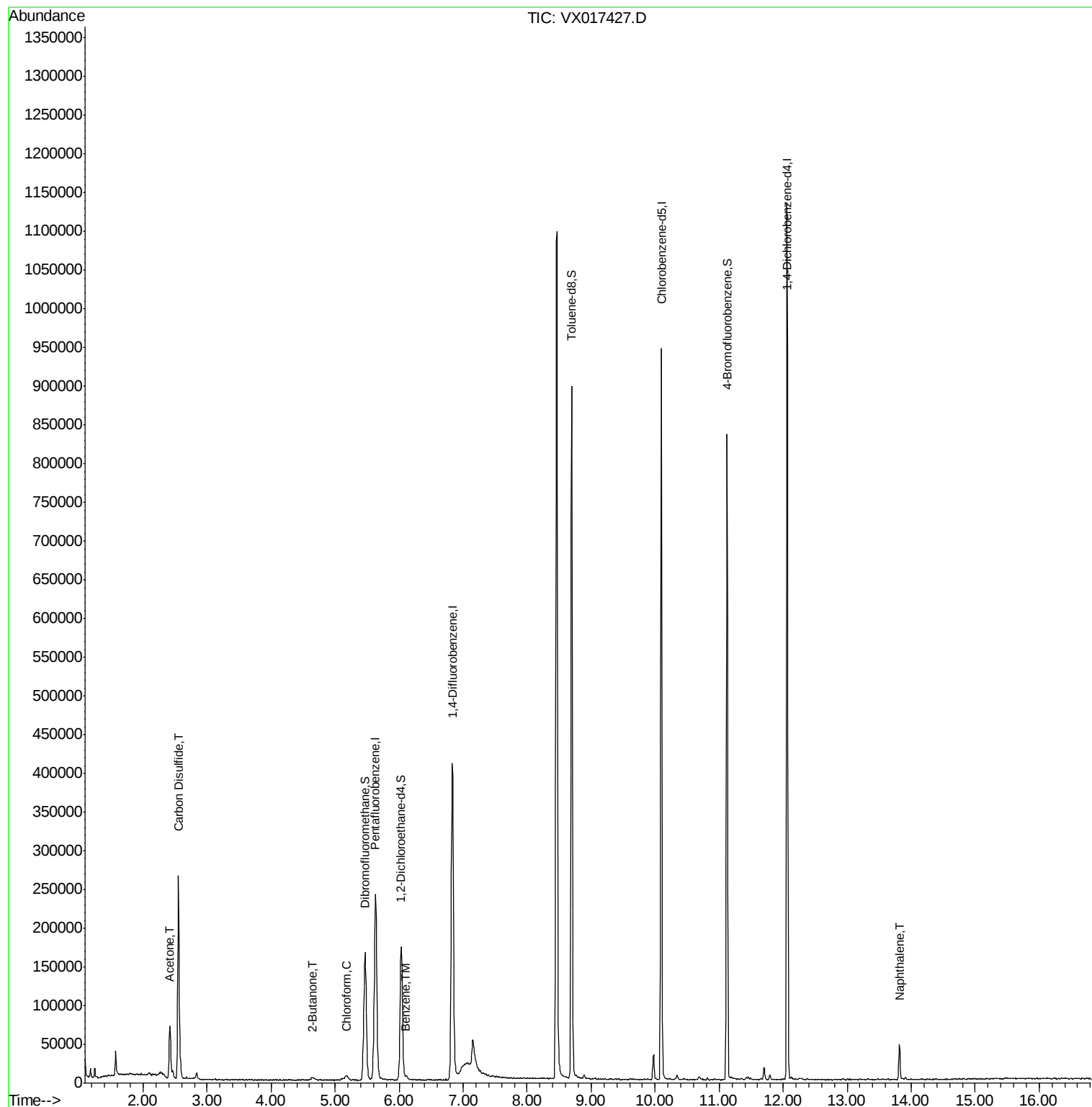
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	223682	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	403736	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	432694	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	226394	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	164884	58.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.46%	
35) Dibromofluoromethane	5.47	113	143677	52.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.66%	
50) Toluene-d8	8.70	98	527941	53.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.64%	
62) 4-Bromofluorobenzene	11.12	95	205373	52.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.40%	
Target Compounds						
16) Acetone	2.42	43	73567	73.452	ug/l	97
17) Carbon Disulfide	2.55	76	320103	53.906	ug/l	99
25) 2-Butanone	4.64	43	5110	3.212	ug/l	91
30) Chloroform	5.18	83	6389	1.504	ug/l	98
40) Benzene	6.11	78	4518	0.423	ug/l	90
95) Naphthalene	13.82	128	27491	1.982	ug/l	96

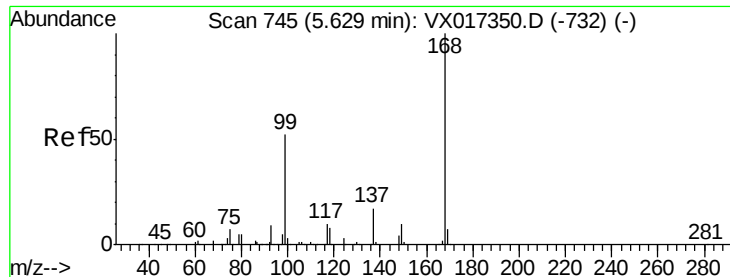
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampled :
E-LGC-4DL

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 14 02:59:51 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX017427.D

Acq: 17 Jul 2020 18:05

Instrument :

MSVOA_X

ClientSampleId :

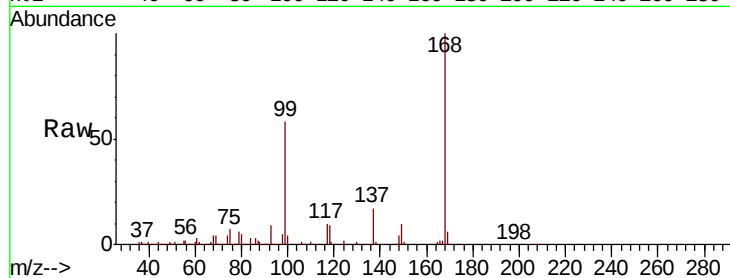
E-LGC-4DL

Tot Ion:168 Resp: 223682

Ion Ratio Lower Upper

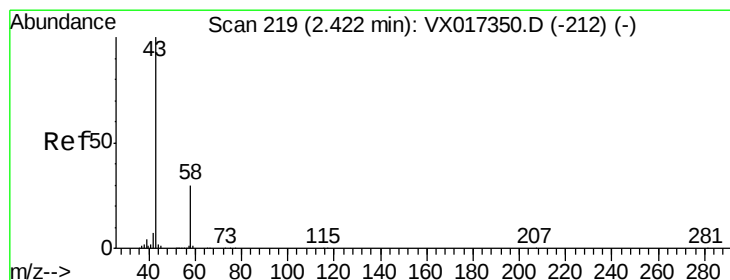
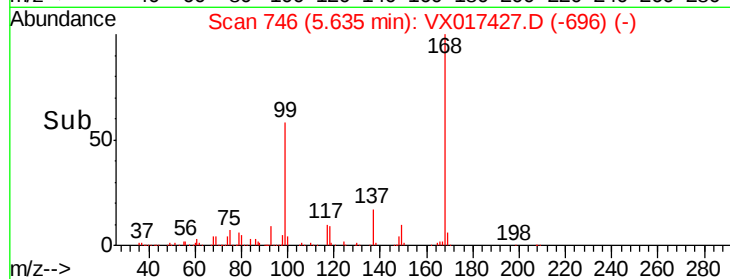
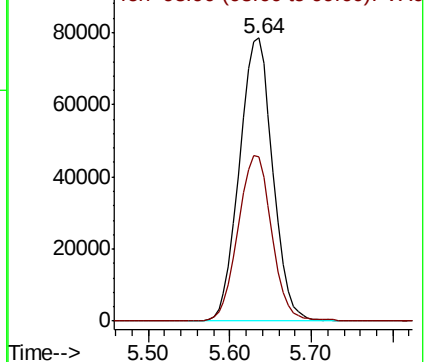
168 100

99 58.2 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 73.452 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017427.D

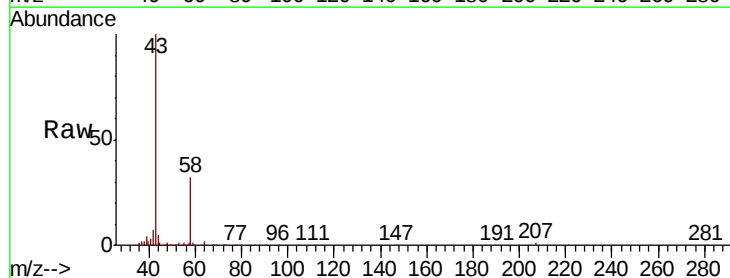
Acq: 17 Jul 2020 18:05

Tgt Ion: 43 Resp: 73567

Ion Ratio Lower Upper

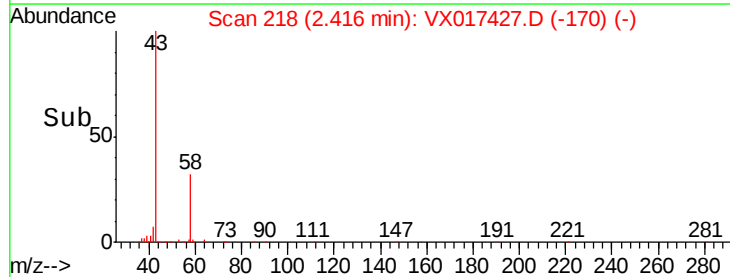
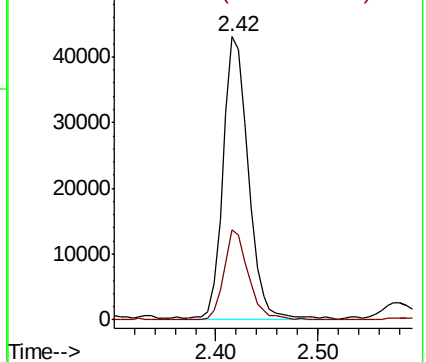
43 100

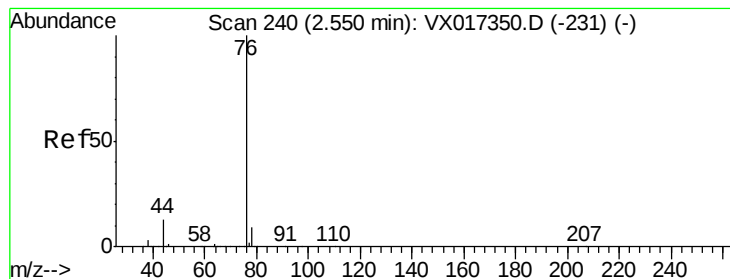
58 32.0 24.2 36.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 53.906 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017427.D

Acq: 17 Jul 2020 18:05

Instrument :

MSVOA_X

ClientSampled :

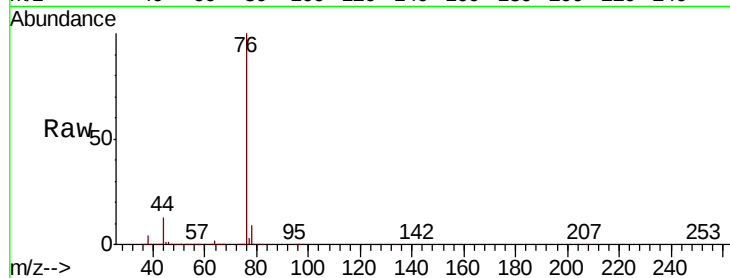
E-LGC-4DL

Tot Ion: 76 Resp: 320103

Ion Ratio Lower Upper

76 100

78 8.7 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

200000

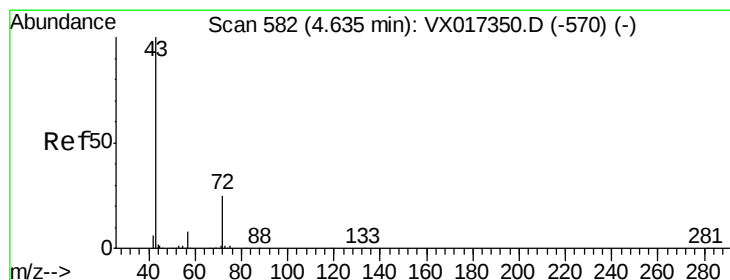
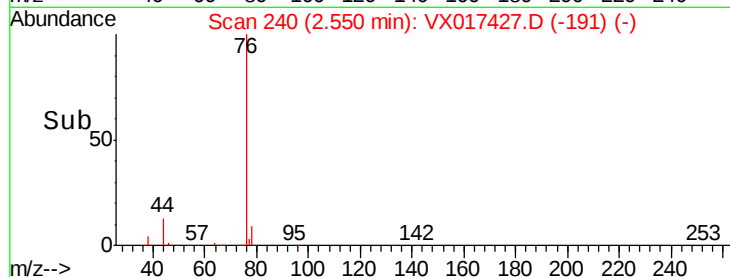
150000

100000

50000

0

Time-->



#25

2-Butanone

Concen: 3.212 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX017427.D

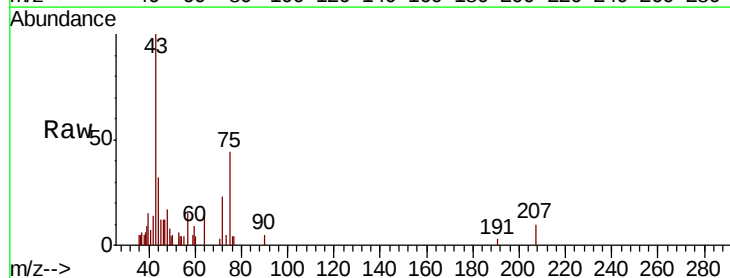
Acq: 17 Jul 2020 18:05

Tgt Ion: 43 Resp: 5110

Ion Ratio Lower Upper

43 100

72 21.2 20.4 30.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

2000

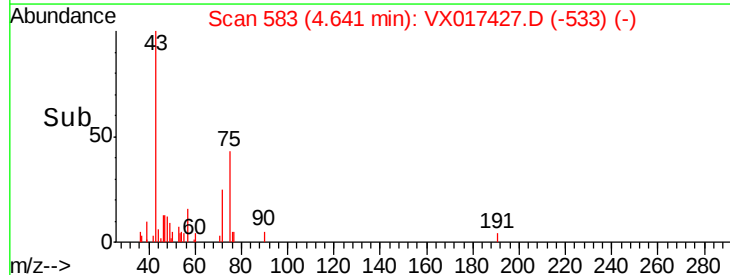
1500

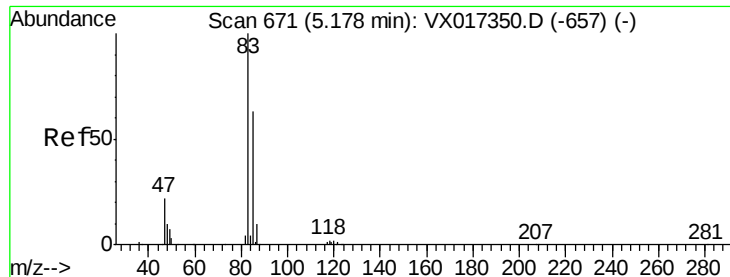
1000

500

0

Time-->





#30

Chloroform

Concen: 1.504 ug/l

RT: 5.18 min Scan# 672

Delta R.T. 0.01 min

Lab File: VX017427.D

Acq: 17 Jul 2020 18:05

Instrument :

MSVOA_X

ClientSampleId :

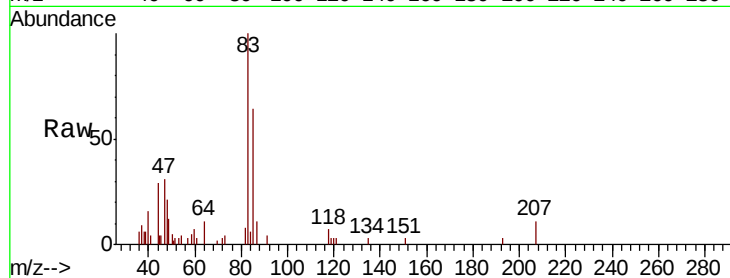
E-LGC-4DL

Tot Ion: 83 Resp: 6389

Ion Ratio Lower Upper

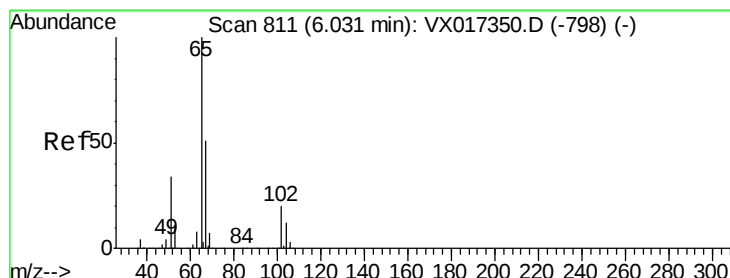
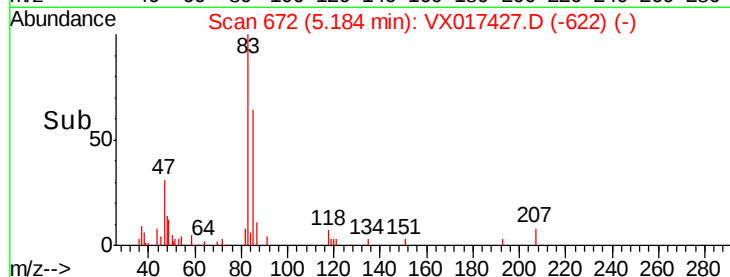
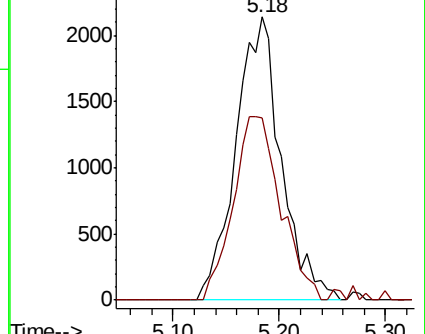
83 100

85 64.3 50.2 75.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 58.732 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX017427.D

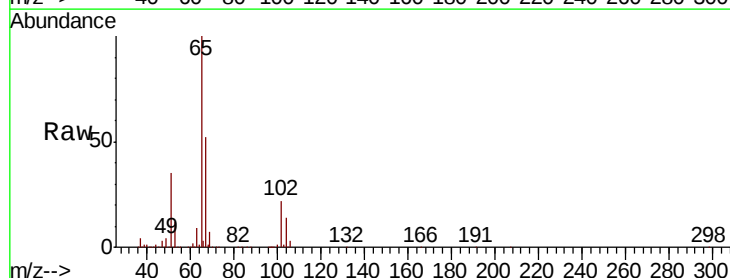
Acq: 17 Jul 2020 18:05

Tgt Ion: 65 Resp: 164884

Ion Ratio Lower Upper

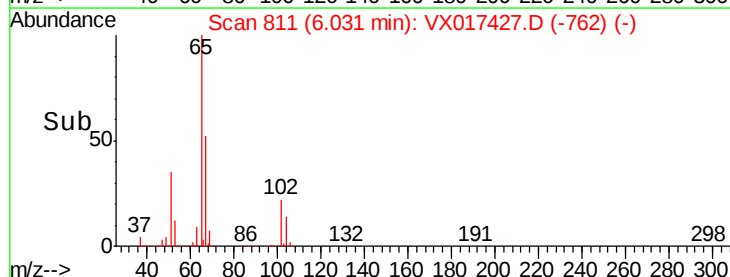
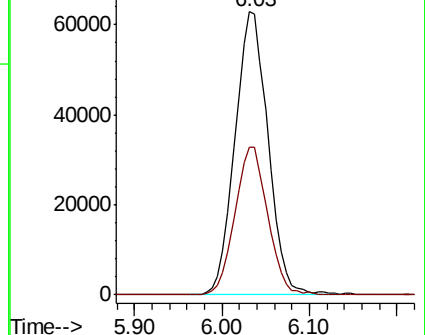
65 100

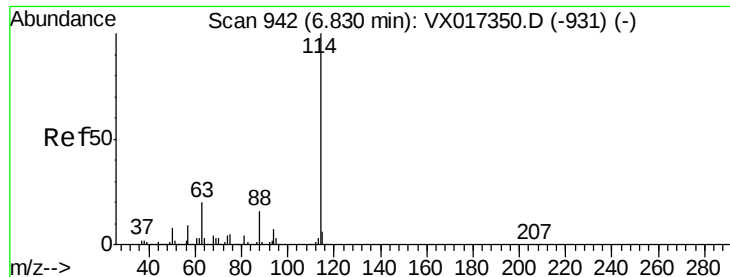
67 52.1 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX017427.D

Acq: 17 Jul 2020 18:05

Instrument :

MSVOA_X

ClientSampleId :

E-LGC-4DL

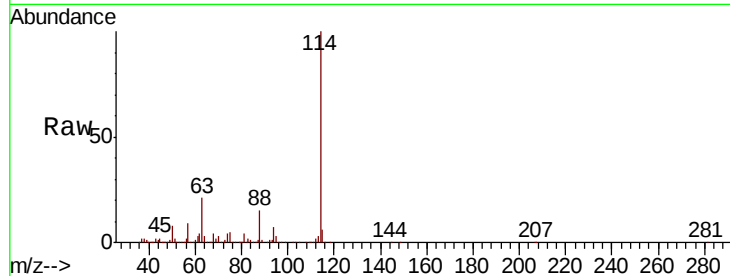
Tot Ion:114 Resp: 403736

Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.0

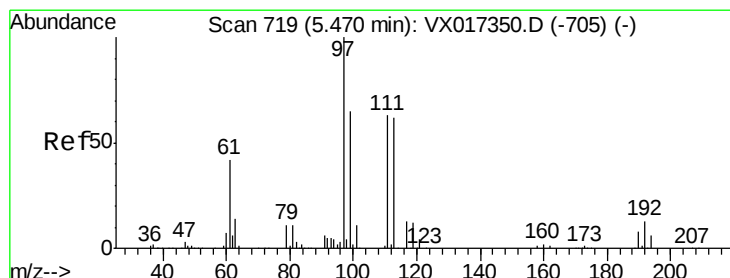
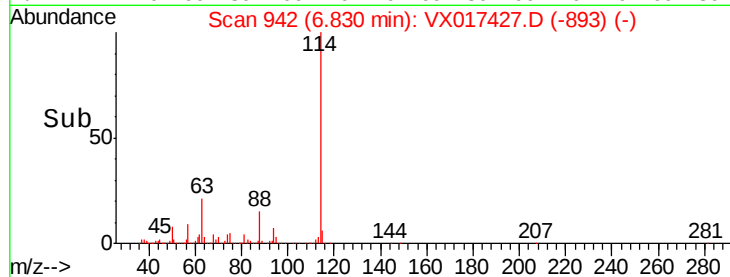
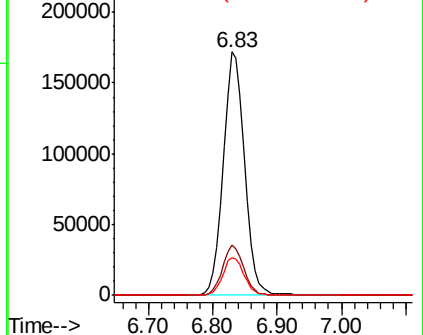
88 15.4 0.0 32.8



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: 52.830 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.00 min

Lab File: VX017427.D

Acq: 17 Jul 2020 18:05

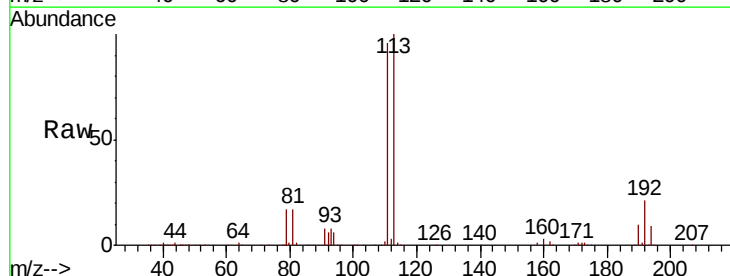
Tgt Ion:113 Resp: 143677

Ion Ratio Lower Upper

113 100

111 100.2 82.4 123.6

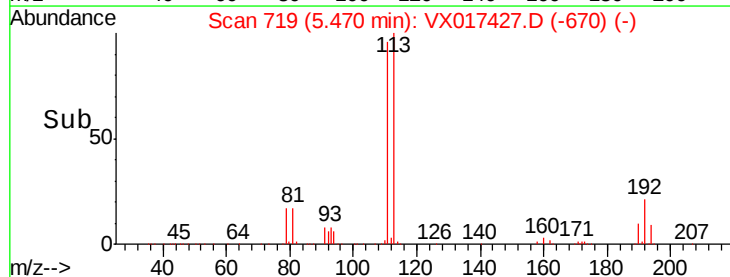
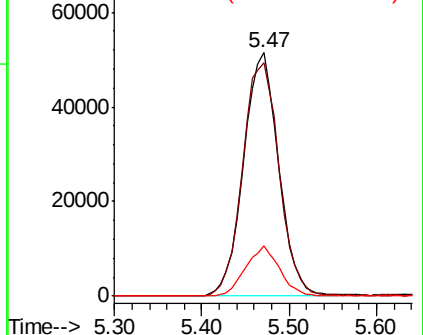
192 20.1 17.2 25.8

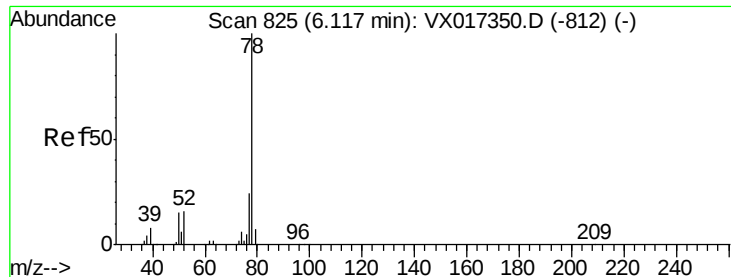


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 0.423 ug/l

RT: 6.11 min Scan# 824

Delta R.T. -0.01 min

Lab File: VX017427.D

Acq: 17 Jul 2020 18:05

Instrument :

MSVOA_X

ClientSampleId :

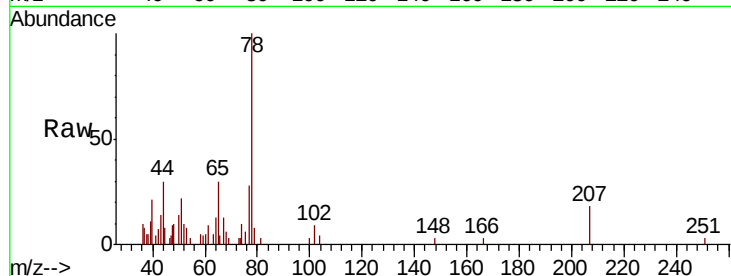
E-LGC-4DL

Tot Ion: 78 Resp: 4518

Ion Ratio Lower Upper

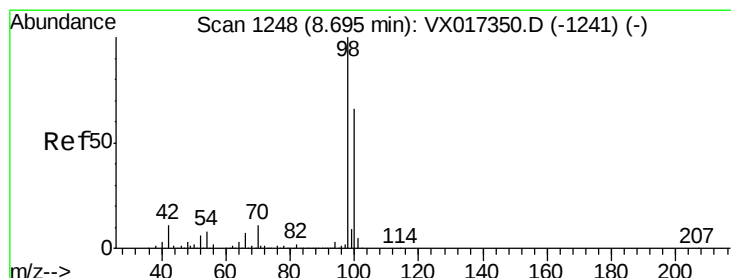
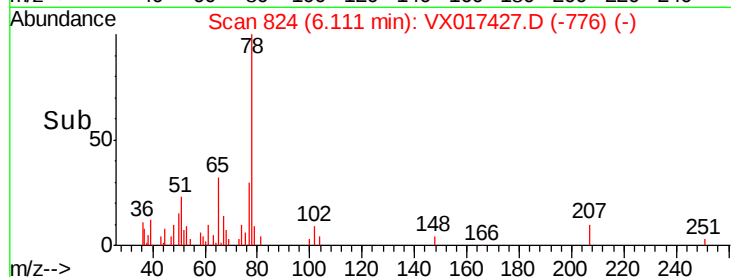
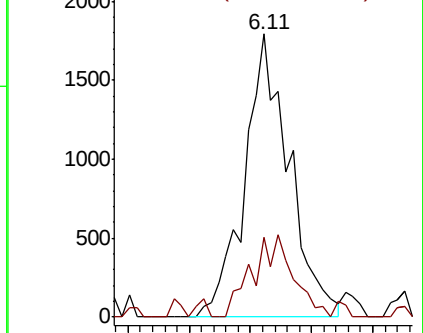
78 100

77 28.3 18.9 28.3



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#50

Toluene-d8

Concen: 53.816 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX017427.D

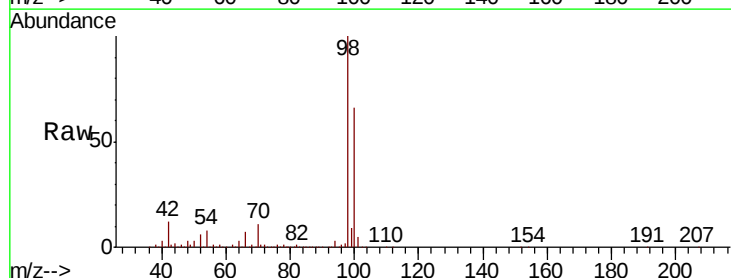
Acq: 17 Jul 2020 18:05

Tgt Ion: 98 Resp: 527941

Ion Ratio Lower Upper

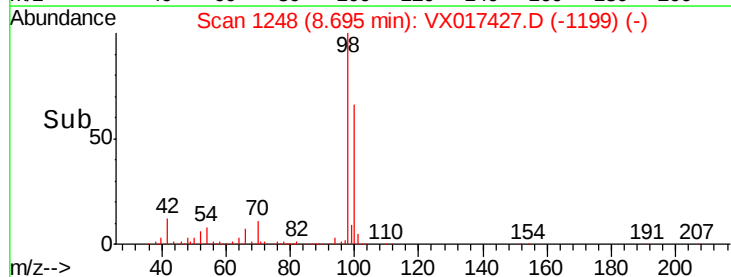
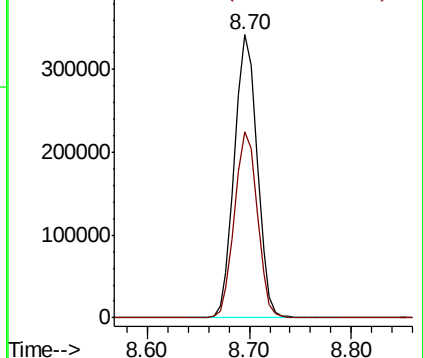
98 100

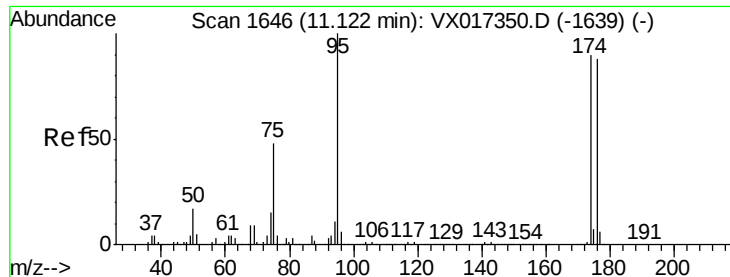
100 66.0 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 52.704 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX017427.D

Acq: 17 Jul 2020 18:05

Instrument :

MSVOA_X

ClientSampleId :

E-LGC-4DL

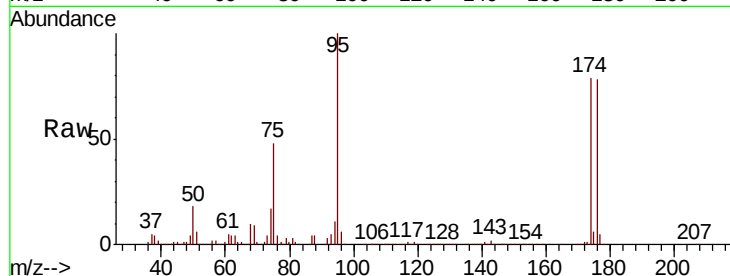
Tot Ion: 95 Resp: 205373

Ion Ratio Lower Upper

95 100

174 81.1 0.0 175.8

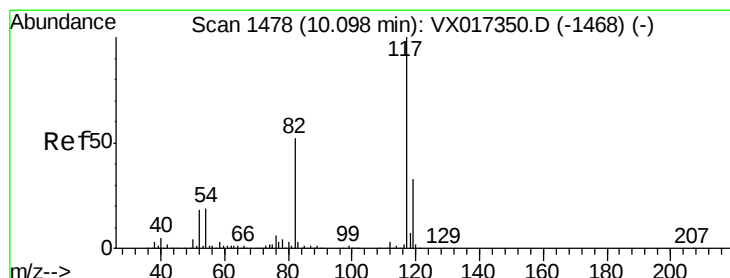
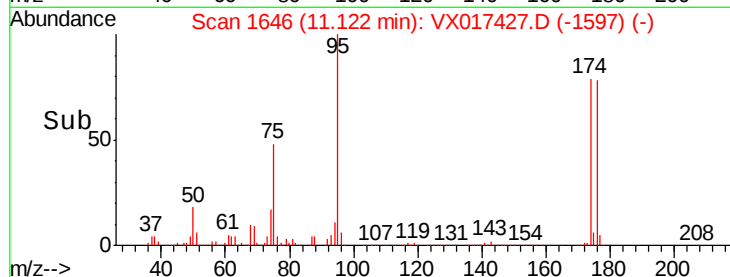
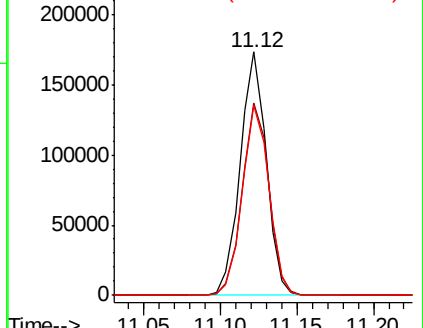
176 79.7 0.0 164.6



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: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. 0.00 min

Lab File: VX017427.D

Acq: 17 Jul 2020 18:05

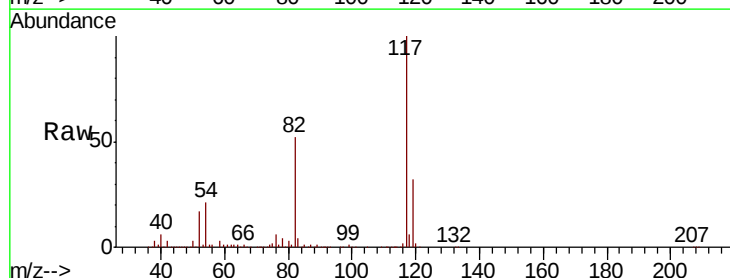
Tgt Ion: 117 Resp: 432694

Ion Ratio Lower Upper

117 100

82 52.4 42.0 63.0

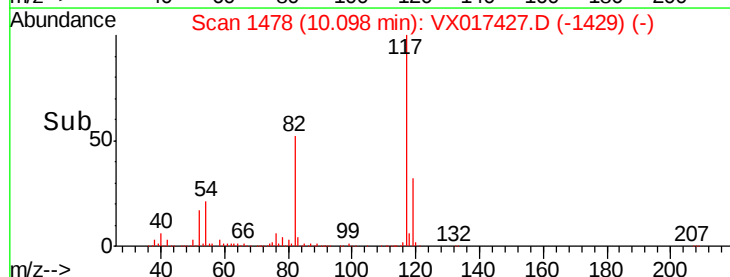
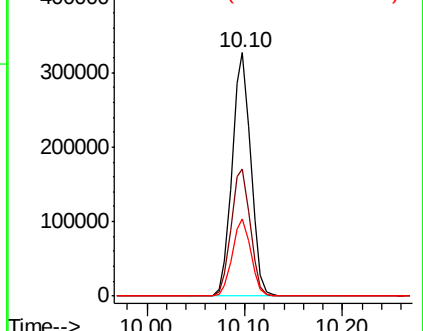
119 31.8 26.3 39.5

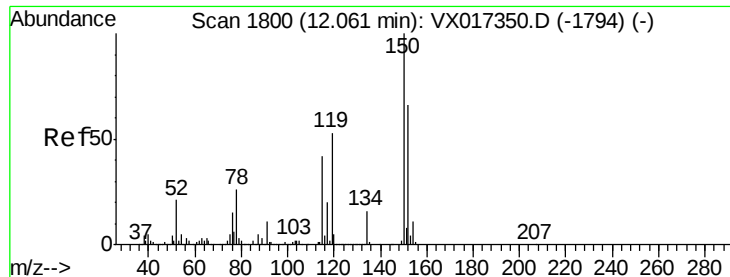


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX017427.D

Acq: 17 Jul 2020 18:05

Instrument :

MSVOA_X

ClientSampleId :

E-LGC-4DL

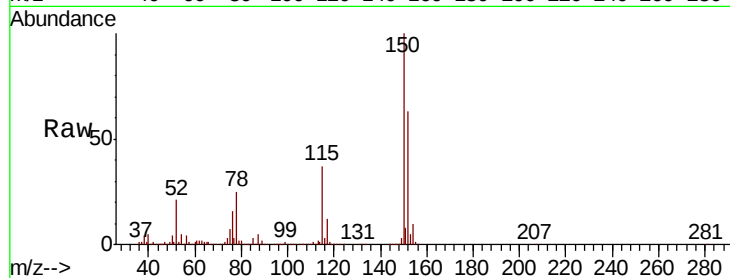
Tot Ion:152 Resp: 226394

Ion Ratio Lower Upper

152 100

115 58.1 39.9 119.7

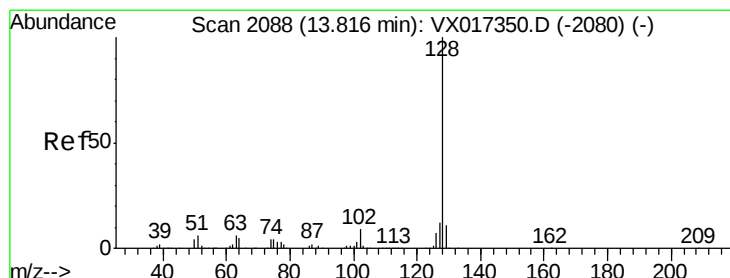
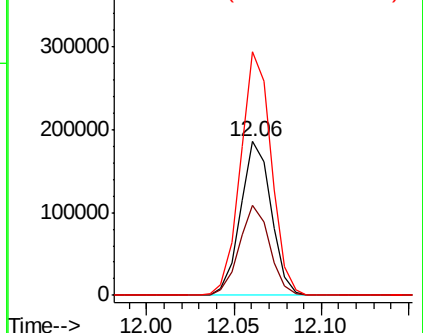
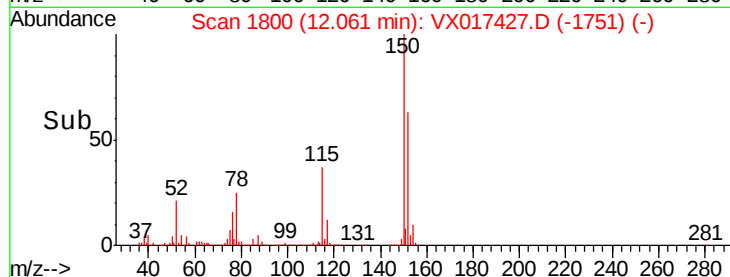
150 158.6 0.0 343.4



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: 1.982 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX017427.D

Acq: 17 Jul 2020 18:05

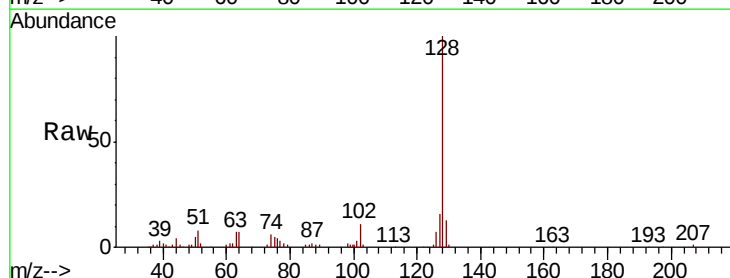
Tgt Ion:128 Resp: 27491

Ion Ratio Lower Upper

128 100

127 14.8 10.2 15.4

129 12.5 8.9 13.3



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

