

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100918\
 Data File : VX005203.D
 Acq On : 10 Oct 2018 11:54
 Operator : JC/MD
 Sample : J5303-20
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-DUP06-20181003

Quant Time: Oct 10 15:52:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	171598	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	271616	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	271752	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	156045	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	132737	54.15	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	108.30%	
35) Dibromofluoromethane	5.50	113	112419	48.84	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.68%	
50) Toluene-d8	8.72	98	401766	52.50	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	105.00%	
62) 4-Bromofluorobenzene	11.14	95	144023	52.24	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.48%	

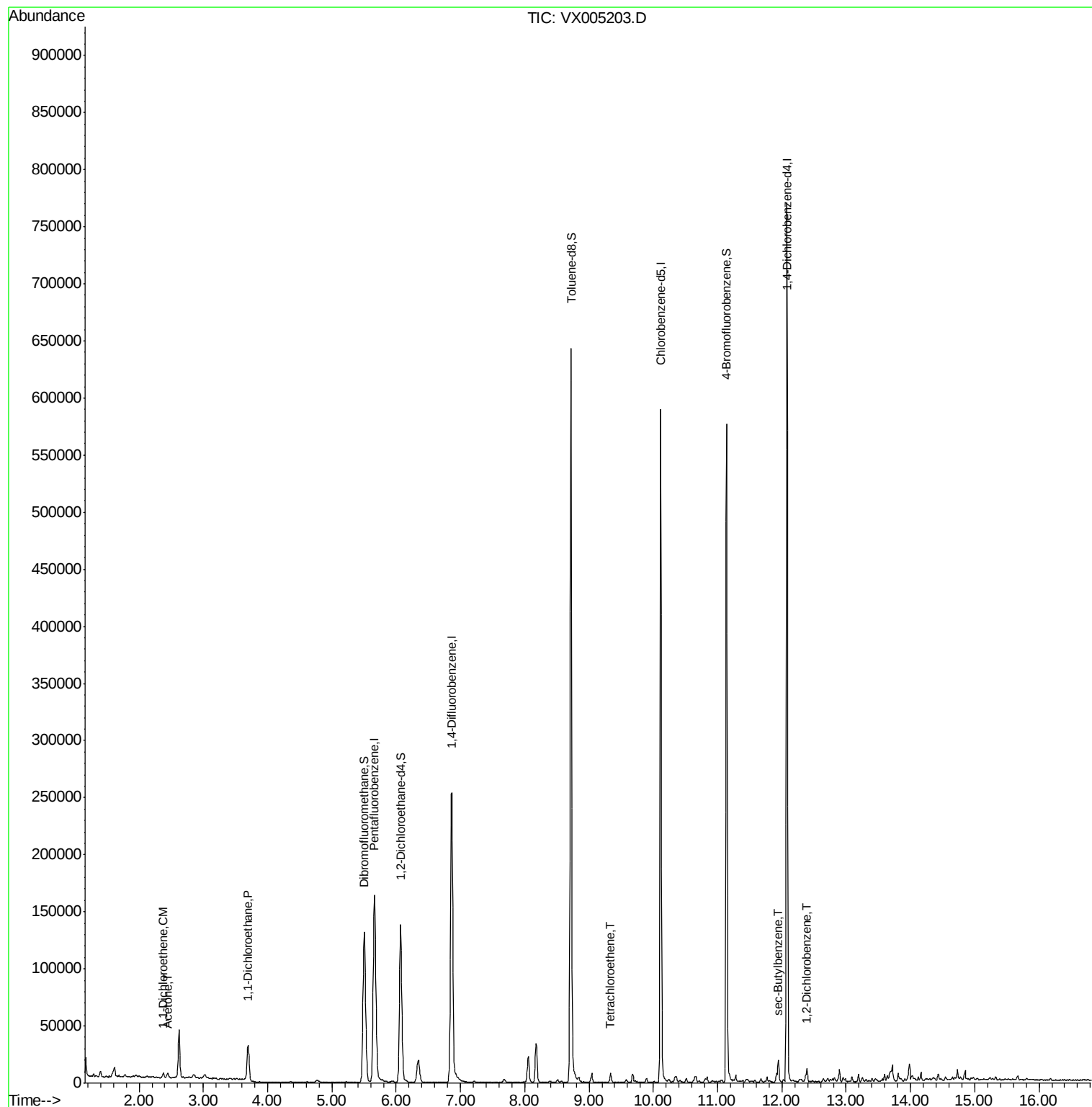
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	2.37	96	1335	0.718	ug/l	95
16) Acetone	2.45	43	4436	3.100	ug/l	96
24) 1,1-Dichloroethane	3.70	63	32814	8.052	ug/l	99
64) Tetrachloroethene	9.34	164	1556	0.582	ug/l	92
85) sec-Butylbenzene	11.94	105	9391	0.952	ug/l	79
91) 1,2-Dichlorobenzene	12.40	146	2829	0.507	ug/l	95

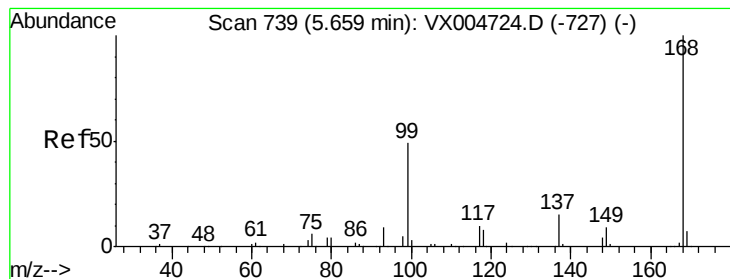
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005203.D

Acq: 10 Oct 2018 11:54

Instrument :

MSVOA_X

ClientSampleId :

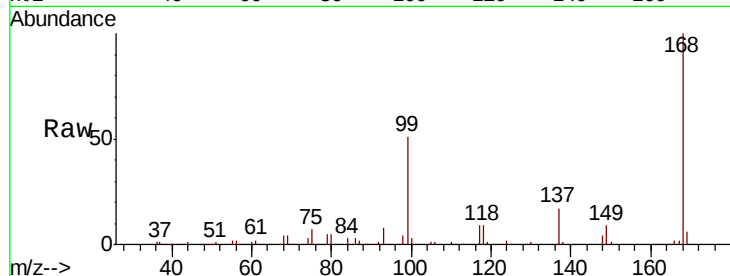
SA-DUP06-20181003

Tot Ion:168 Resp: 171598

Ion Ratio Lower Upper

168 100

99 50.7 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

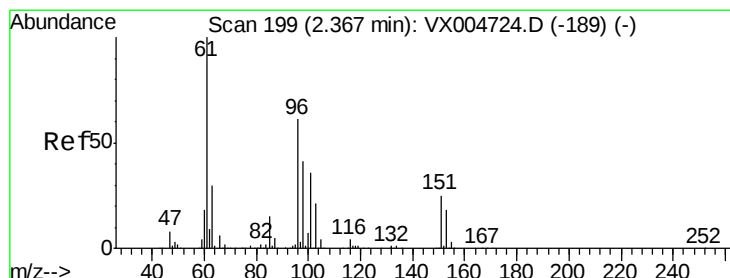
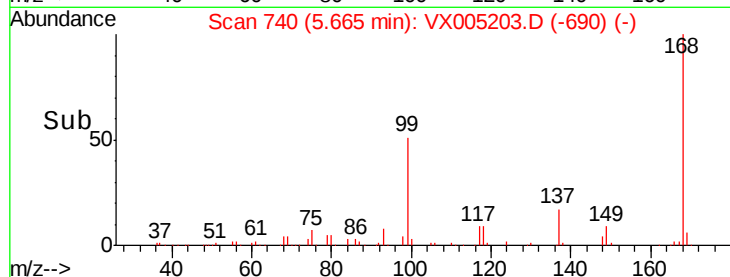
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#12

1,1-Dichloroethene

Concen: 0.718 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.01 min

Lab File: VX005203.D

Acq: 10 Oct 2018 11:54

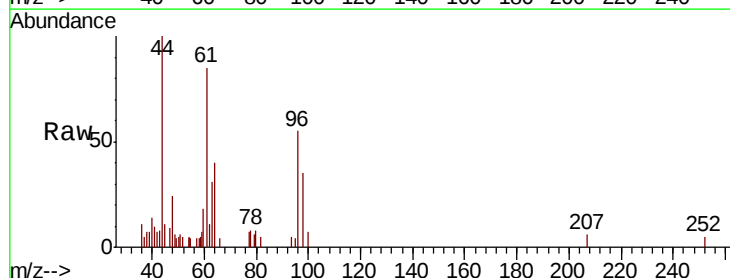
Tgt Ion: 96 Resp: 1335

Ion Ratio Lower Upper

96 100

61 154.5 130.2 195.4

98 64.1 53.4 80.0



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

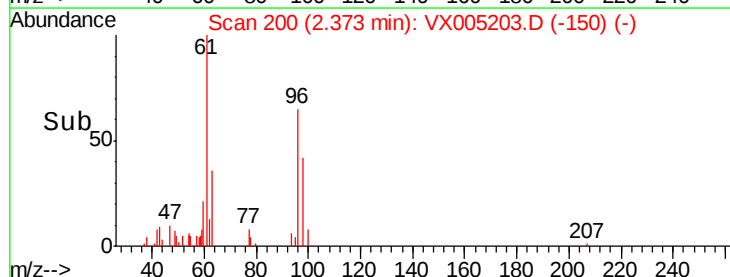
1500

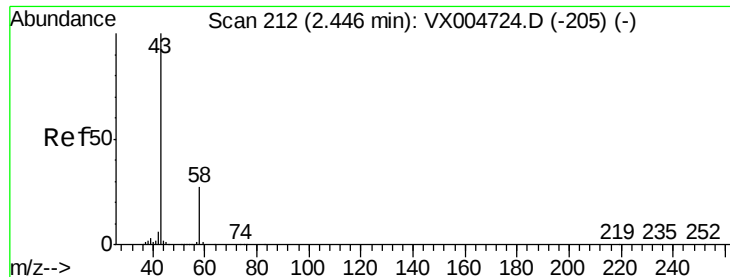
1000

500

0

Time--> 2.30 2.35 2.40 2.45





#16

Acetone

Concen: 3.100 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX005203.D

Acq: 10 Oct 2018 11:54

Instrument :

MSVOA_X

ClientSampleId :

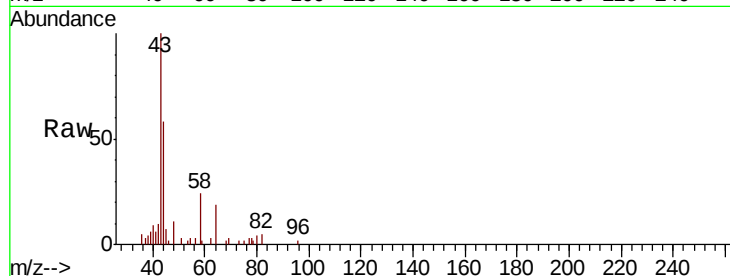
SA-DUP06-20181003

Tot Ion: 43 Resp: 4436

Ion Ratio Lower Upper

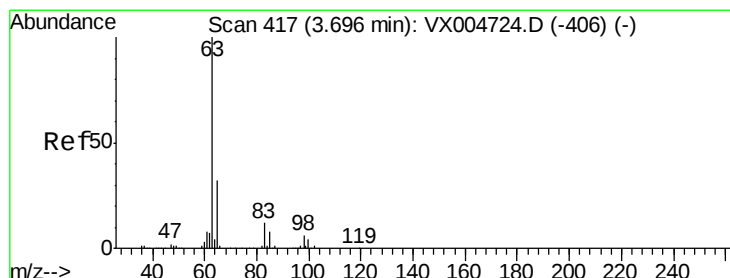
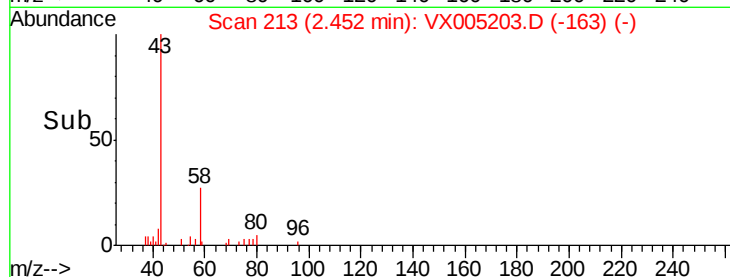
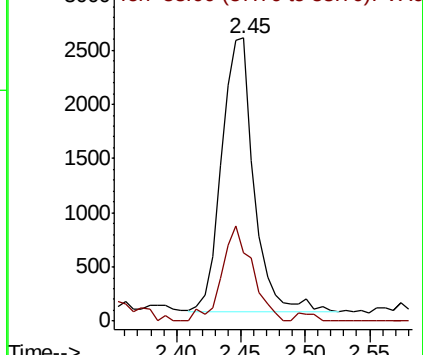
43 100

58 25.1 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#24

1,1-Dichloroethane

Concen: 8.052 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX005203.D

Acq: 10 Oct 2018 11:54

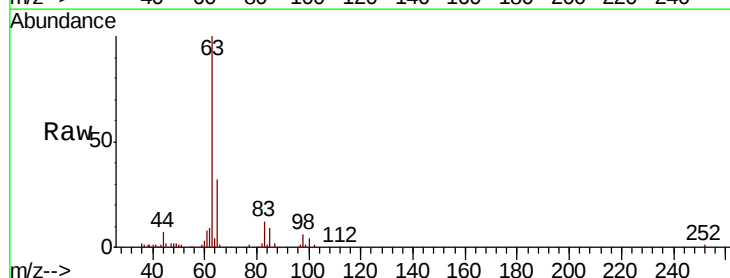
Tgt Ion: 63 Resp: 32814

Ion Ratio Lower Upper

63 100

98 6.0 3.0 9.2

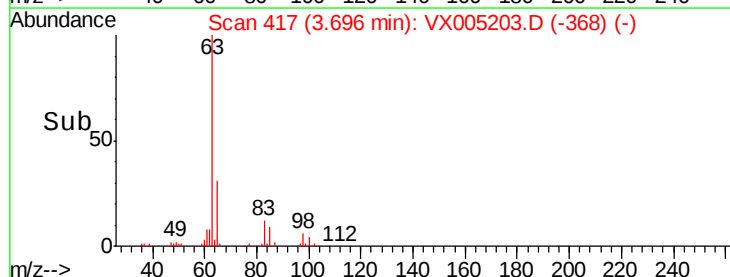
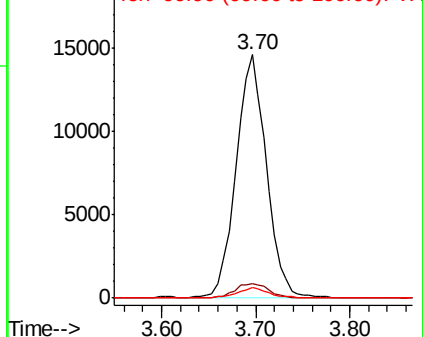
100 4.4 2.0 5.8

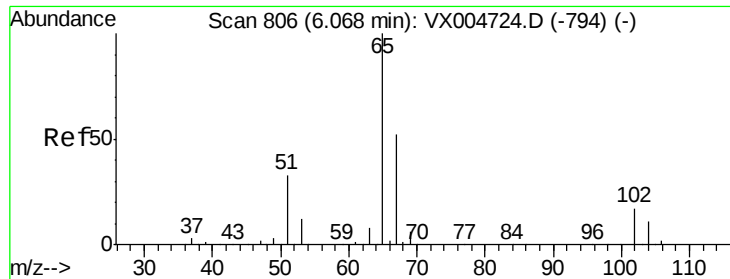


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 54.150 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX005203.D

Acq: 10 Oct 2018 11:54

Instrument :

MSVOA_X

ClientSampleId :

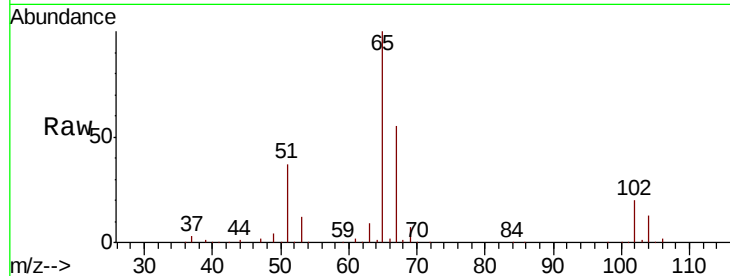
SA-DUP06-20181003

Tot Ion: 65 Resp: 132737

Ion Ratio Lower Upper

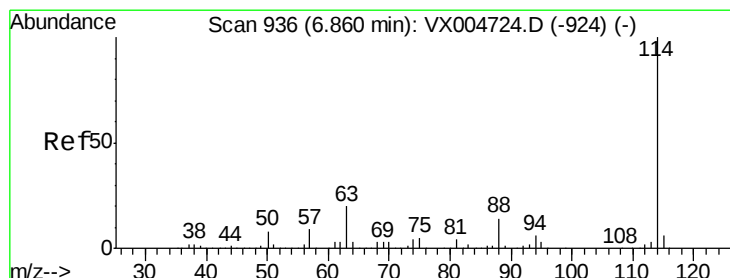
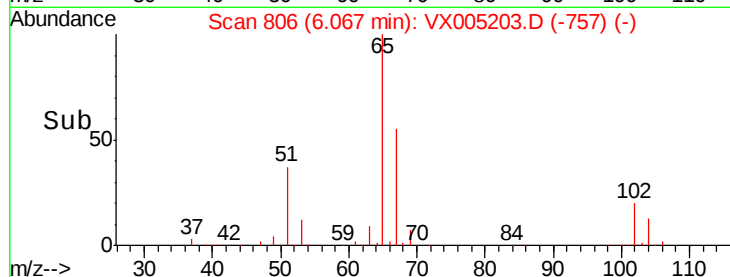
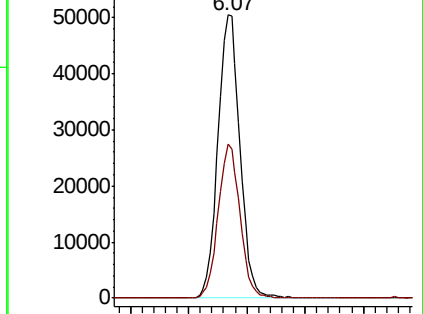
65 100

67 53.5 0.0 107.4



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: 6.87 min Scan# 937

Delta R.T. 0.01 min

Lab File: VX005203.D

Acq: 10 Oct 2018 11:54

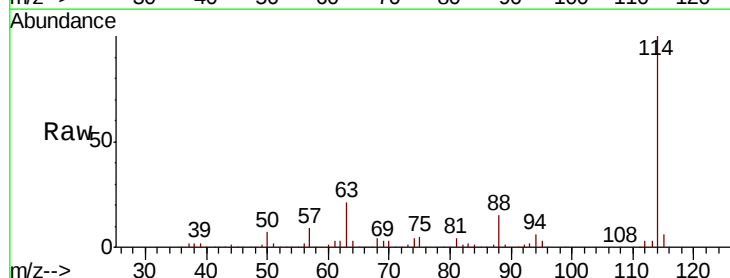
Tgt Ion: 114 Resp: 271616

Ion Ratio Lower Upper

114 100

63 20.7 0.0 39.8

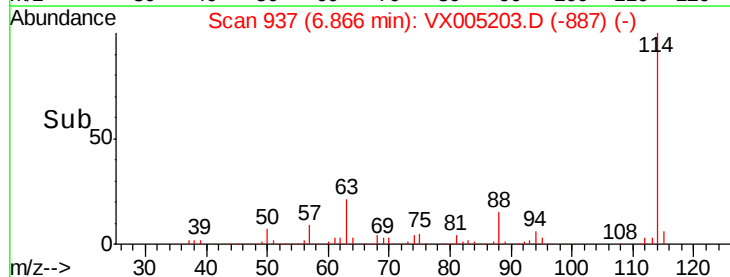
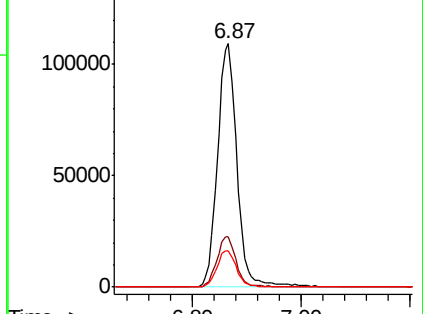
88 15.0 0.0 27.0

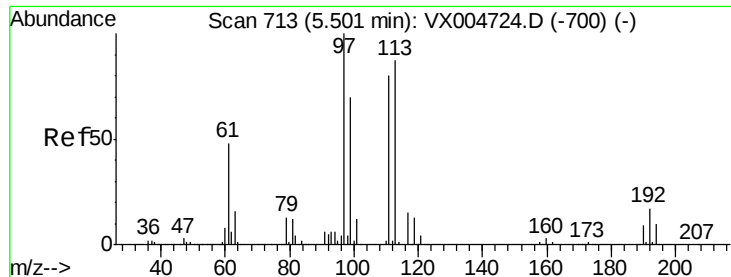


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

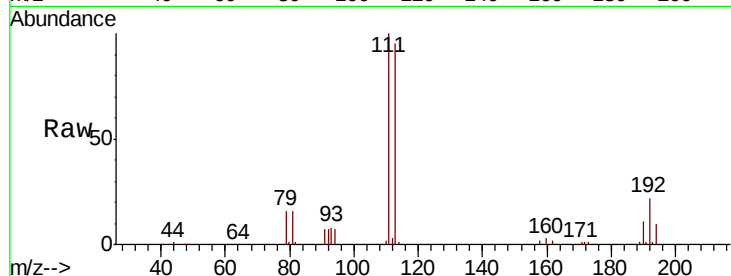




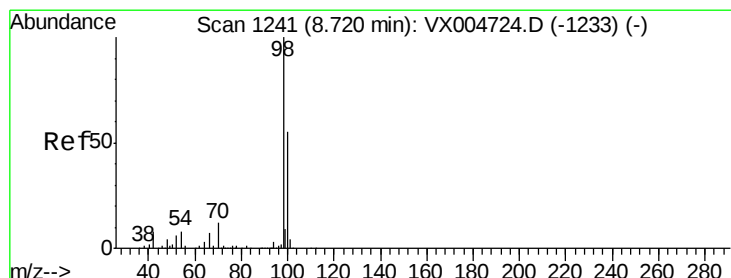
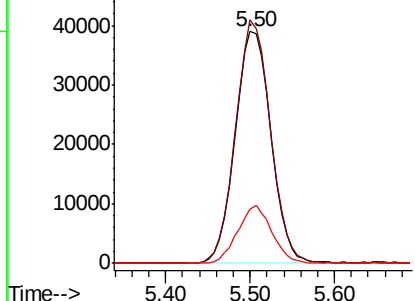
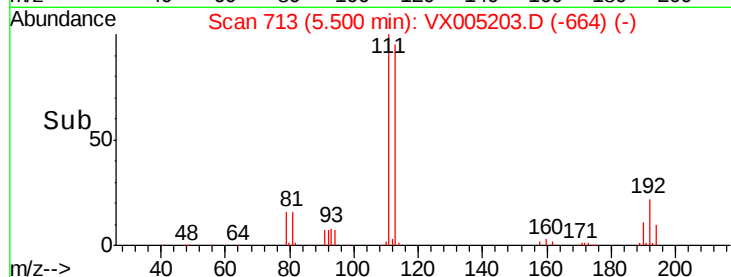
#35
 Dibromofluoromethane
 Concen: 48.836 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX005203.D
 Acq: 10 Oct 2018 11:54

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-DUP06-20181003

Tot Ion:113 Resp: 112419
 Ion Ratio Lower Upper
 113 100
 111 102.0 77.0 115.4
 192 23.8 17.0 25.6

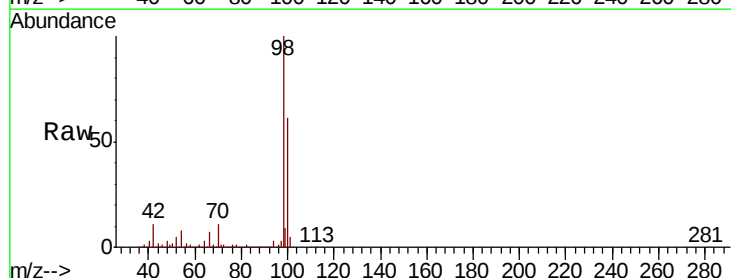


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

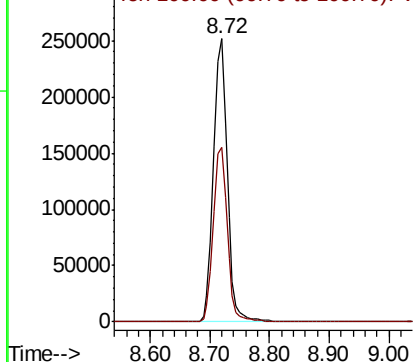
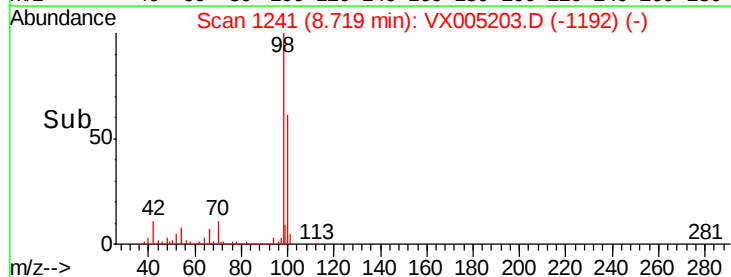


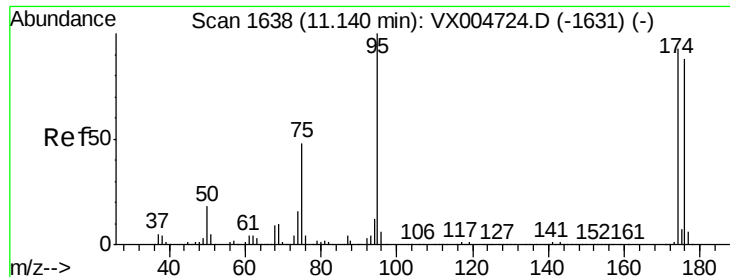
#50
 Toluene-d8
 Concen: 52.498 ug/l
 RT: 8.72 min Scan# 1241
 Delta R.T. -0.00 min
 Lab File: VX005203.D
 Acq: 10 Oct 2018 11:54

Tgt Ion: 98 Resp: 401766
 Ion Ratio Lower Upper
 98 100
 100 62.6 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): V

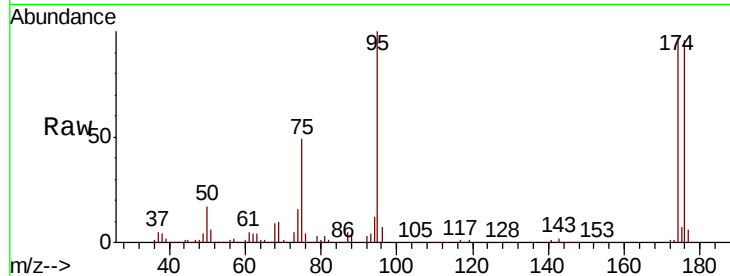




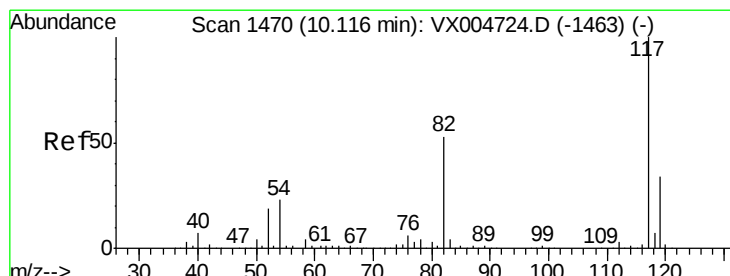
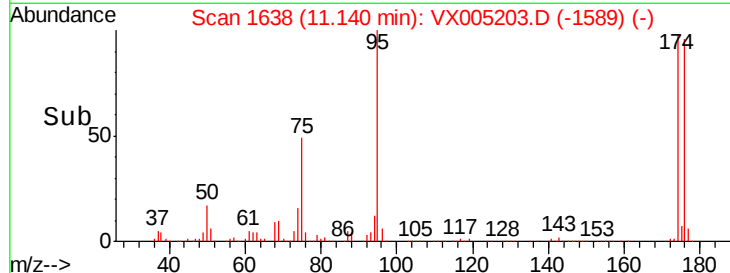
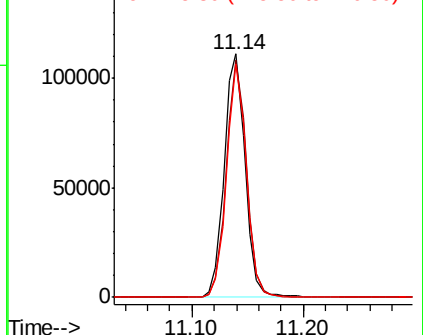
#62
4-Bromofluorobenzene
Concen: 52.239 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005203.D
Acq: 10 Oct 2018 11:54

Instrument :
MSVOA_X
ClientSampleId :
SA-DUP06-20181003

Tot Ion: 95 Resp: 144023
Ion Ratio Lower Upper
95 100
174 94.3 0.0 185.0
176 90.9 0.0 180.2

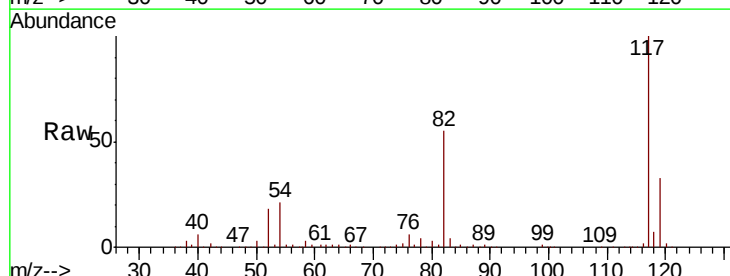


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

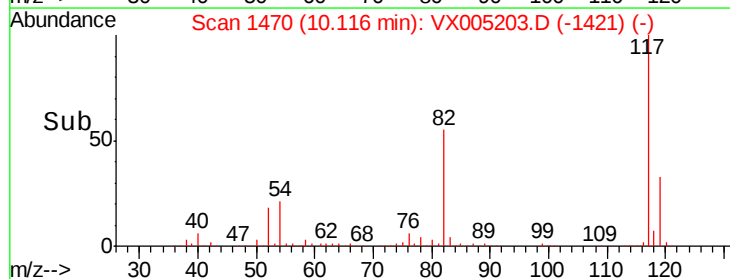
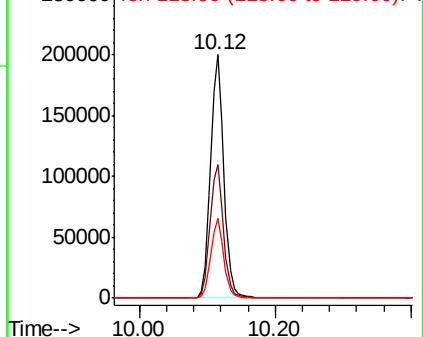


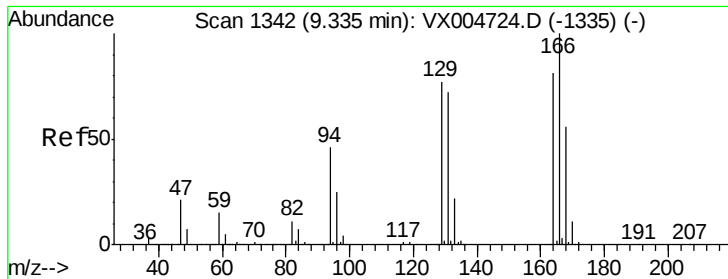
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005203.D
Acq: 10 Oct 2018 11:54

Tgt Ion: 117 Resp: 271752
Ion Ratio Lower Upper
117 100
82 54.8 42.2 63.4
119 32.6 27.4 41.0



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

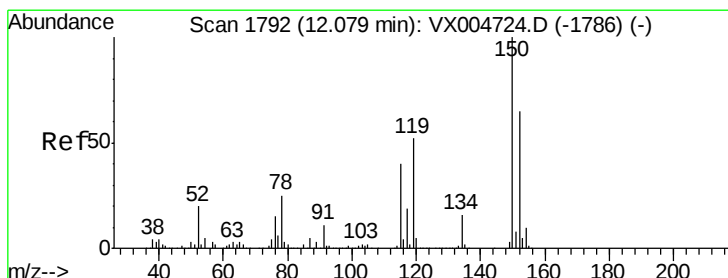
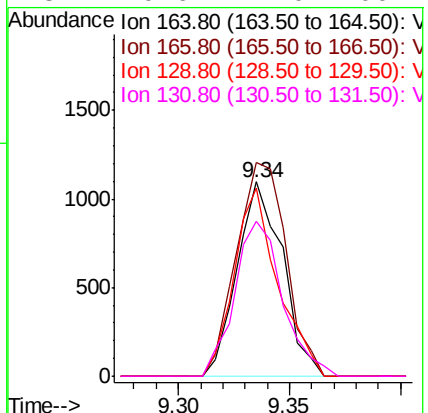
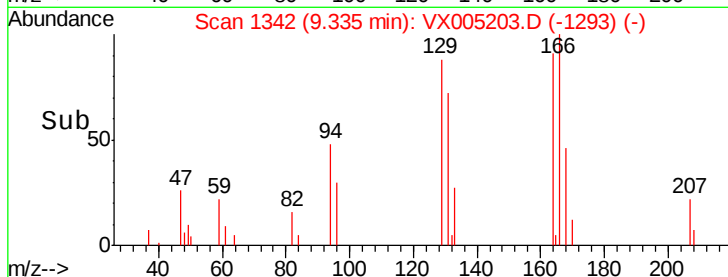
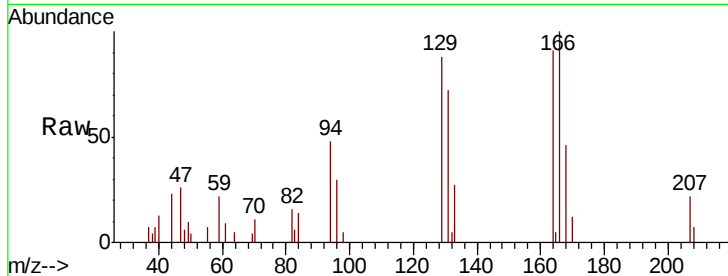




#64
Tetrachloroethene
Concen: 0.582 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005203.D
Acq: 10 Oct 2018 11:54

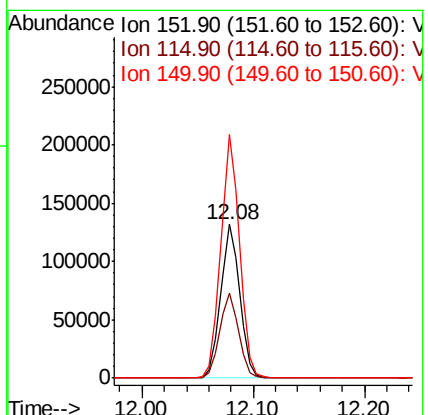
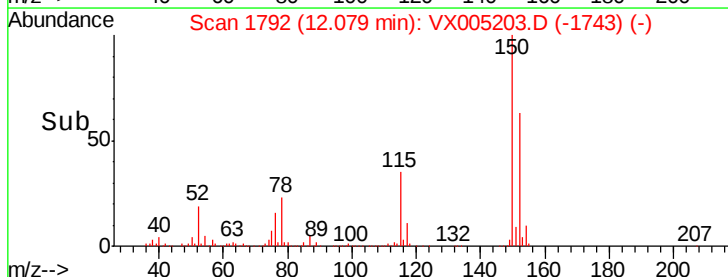
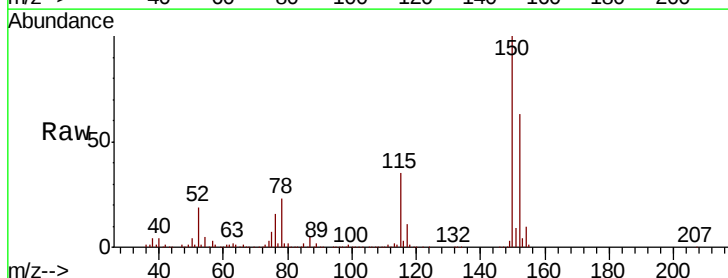
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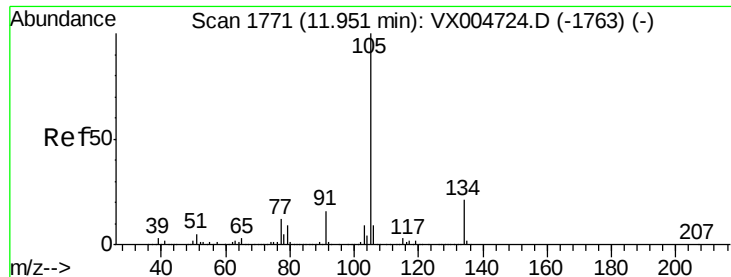
Tot Ion:	164	Resp:	1556
Ion	Ratio	Lower	Upper
164	100		
166	109.9	98.4	147.6
129	96.7	76.1	114.1
131	79.6	71.0	106.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005203.D
Acq: 10 Oct 2018 11:54

Tgt Ion:	152	Resp:	156045
Ion	Ratio	Lower	Upper
152	100		
115	55.0	40.2	120.6
150	156.2	0.0	351.0





#85

sec-Butylbenzene

Concen: 0.952 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX005203.D

Acq: 10 Oct 2018 11:54

Instrument :

MSVOA_X

ClientSampleId :

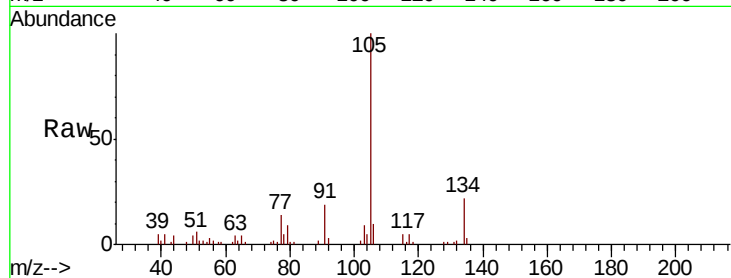
SA-DUP06-20181003

Tot Ion:105 Resp: 9391

Ion Ratio Lower Upper

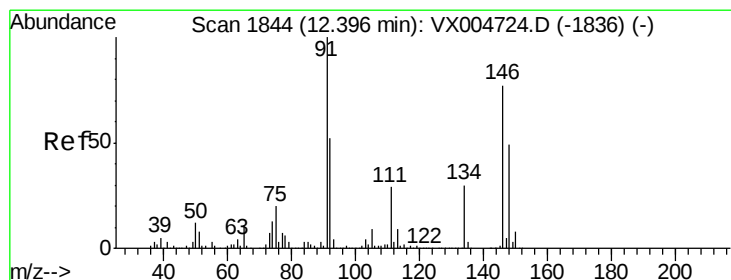
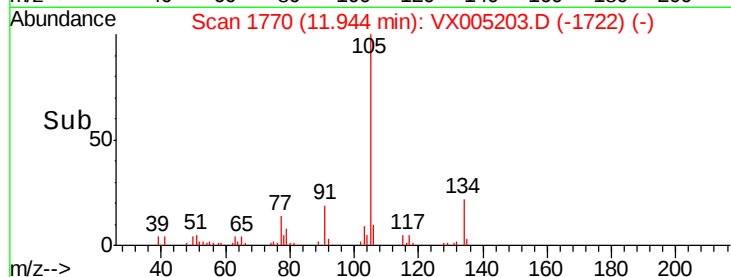
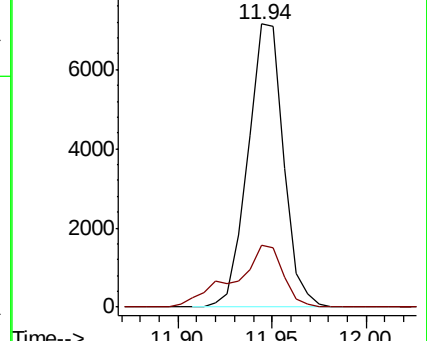
105 100

134 29.8 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#91

1,2-Dichlorobenzene

Concen: 0.507 ug/l

RT: 12.40 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VX005203.D

Acq: 10 Oct 2018 11:54

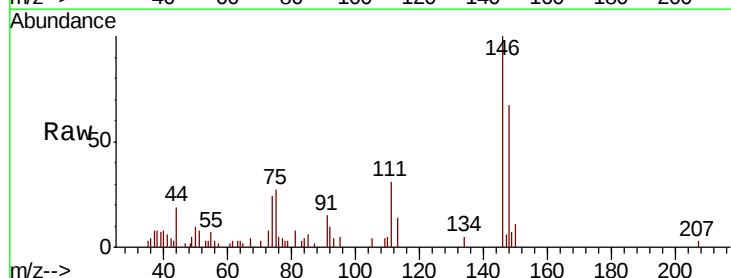
Tgt Ion:146 Resp: 2829

Ion Ratio Lower Upper

146 100

111 38.9 19.6 58.7

148 69.7 31.8 95.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

