

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051420\
 Data File : VX016238.D
 Acq On : 14 May 2020 17:54
 Operator : JC/SP
 Sample : L2643-17
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW749-200513

Quant Time: May 15 04:07:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	241413	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	405632	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	399446	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	204188	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	150842	47.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.96%	
35) Dibromofluoromethane	5.47	113	120097	46.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.46%	
50) Toluene-d8	8.70	98	500971	50.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.18%	
62) 4-Bromofluorobenzene	11.12	95	198469	52.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.40%	

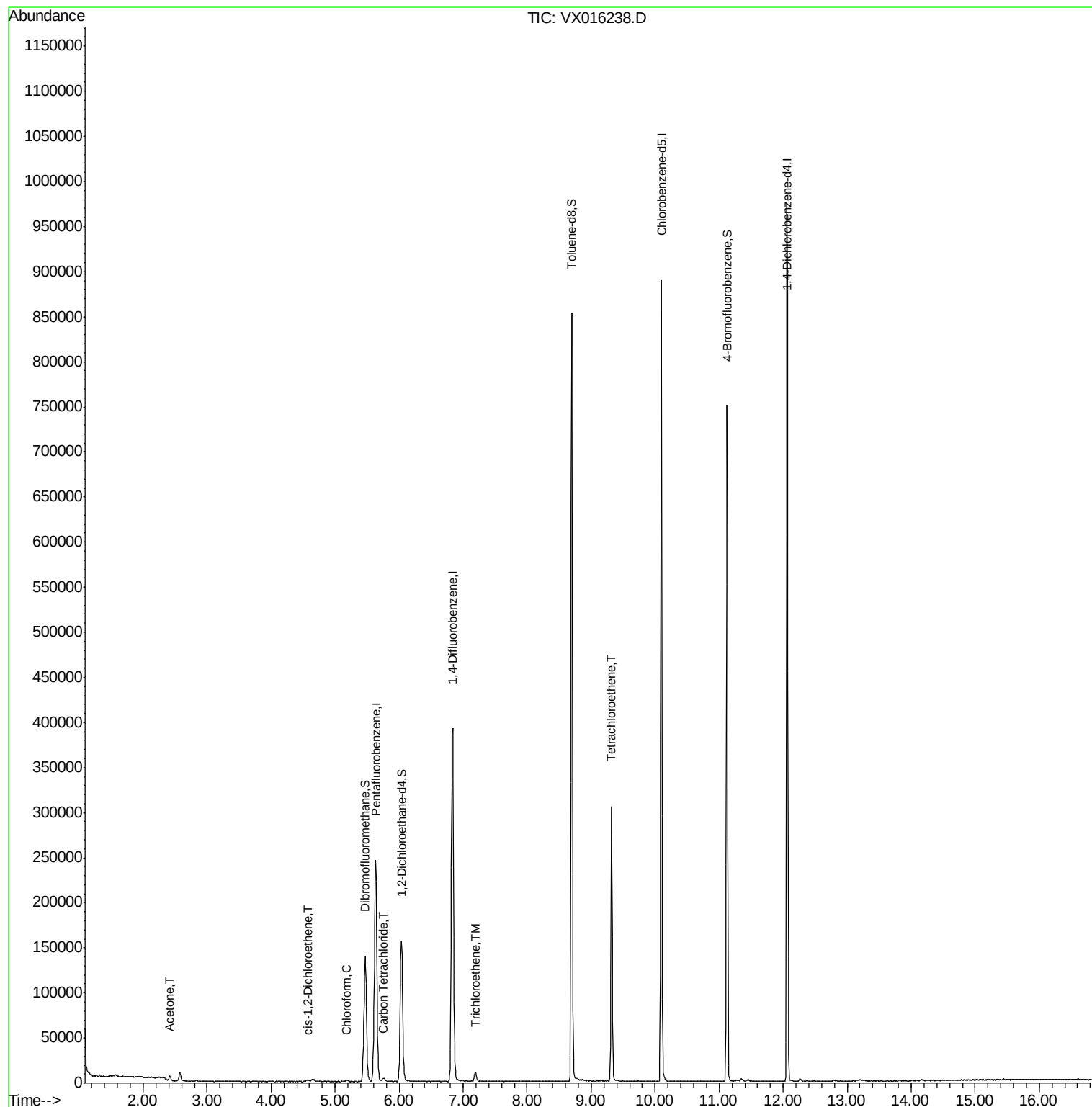
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.42	43	5598	3.949	ug/l	95
27) cis-1,2-Dichloroethene	4.56	96	1894	0.620	ug/l	63
30) Chloroform	5.18	83	2367	0.490	ug/l #	81
38) Carbon Tetrachloride	5.76	117	3353	0.826	ug/l	88
44) Trichloroethene	7.19	130	3897	0.939	ug/l	94
64) Tetrachloroethene	9.32	164	61733	12.589	ug/l	97

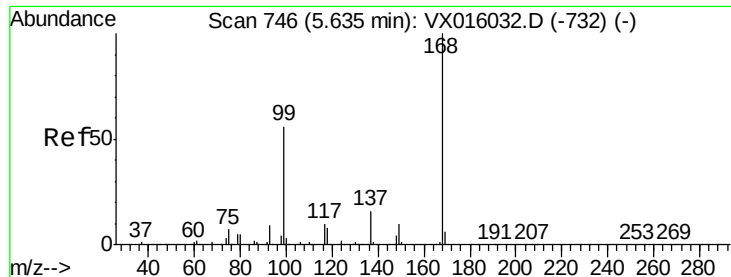
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX016238.D

Acq: 14 May 2020 17:54

Instrument :

MSVOA_X

ClientSampleId :

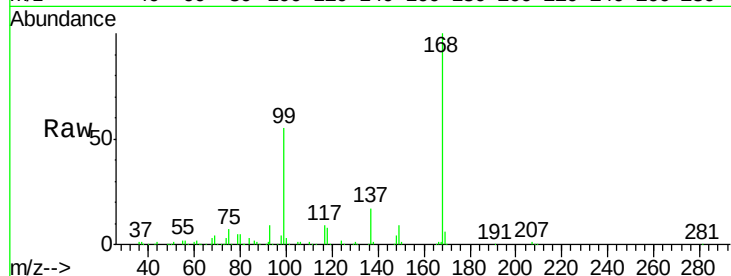
SS052MW749-200513

Tot Ion:168 Resp: 241413

Ion Ratio Lower Upper

168 100

99 54.6 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

80000

60000

40000

20000

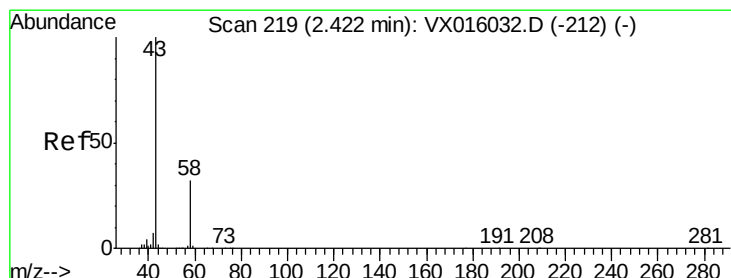
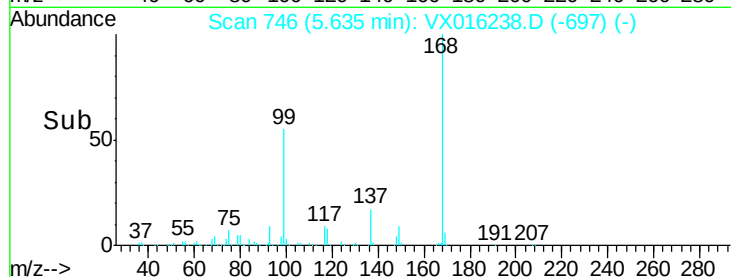
0

5.50

5.60

5.70

Time-->



#16

Acetone

Concen: 3.949 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016238.D

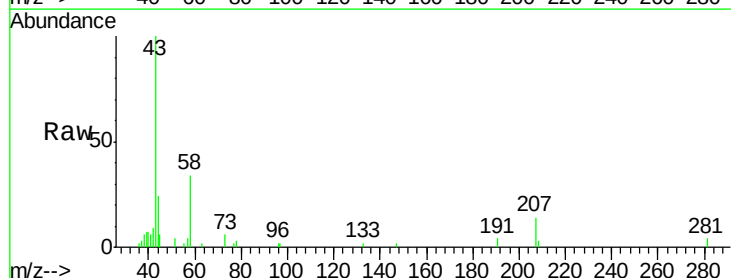
Acq: 14 May 2020 17:54

Tgt Ion: 43 Resp: 5598

Ion Ratio Lower Upper

43 100

58 34.3 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

3000

2000

1000

0

2.30

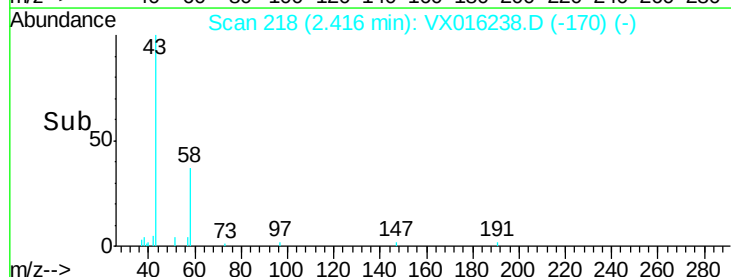
2.35

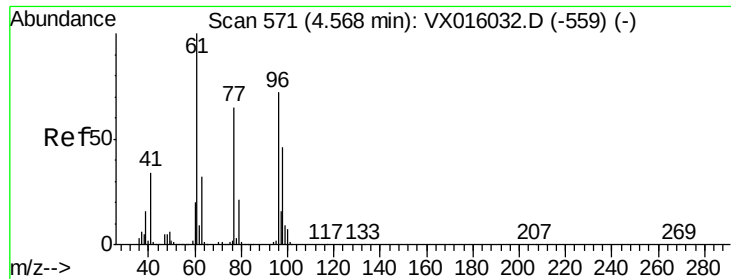
2.40

2.45

2.50

Time-->





#27

cis-1,2-Dichloroethene

Concen: 0.620 ug/l

RT: 4.56 min Scan# 570

Delta R.T. -0.01 min

Lab File: VX016238.D

Acq: 14 May 2020 17:54

Instrument :

MSVOA_X

ClientSampleId :

SS052MW749-200513

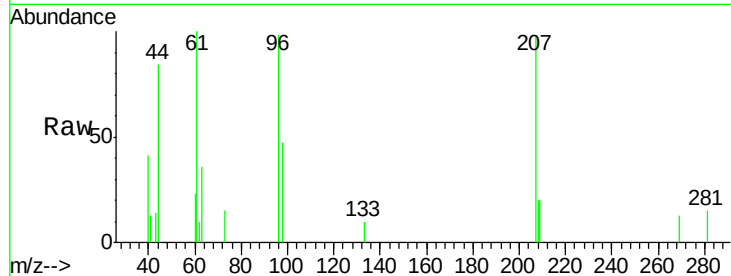
Tot Ion: 96 Resp: 1894

Ion Ratio Lower Upper

96 100

61 94.9 0.0 296.2

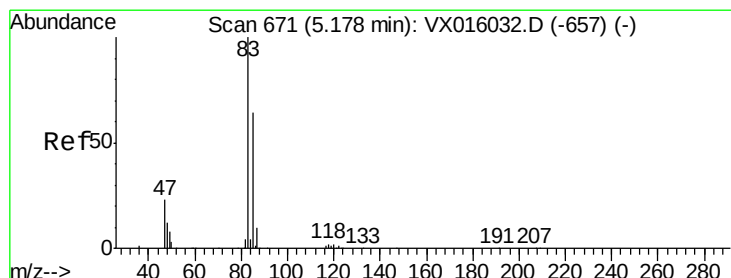
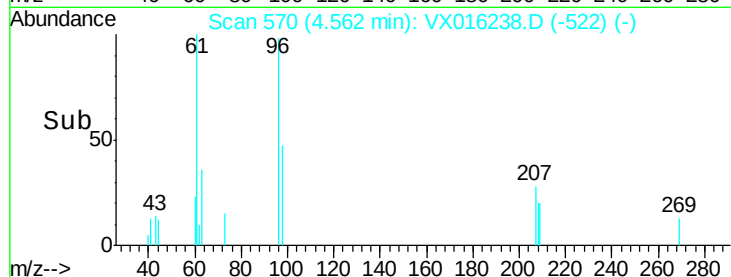
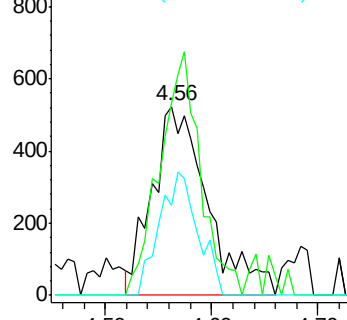
98 45.5 0.0 129.4



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



#30

Chloroform

Concen: 0.490 ug/l

RT: 5.18 min Scan# 672

Delta R.T. 0.01 min

Lab File: VX016238.D

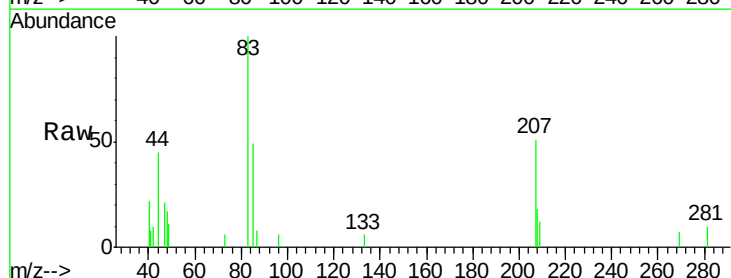
Acq: 14 May 2020 17:54

Tgt Ion: 83 Resp: 2367

Ion Ratio Lower Upper

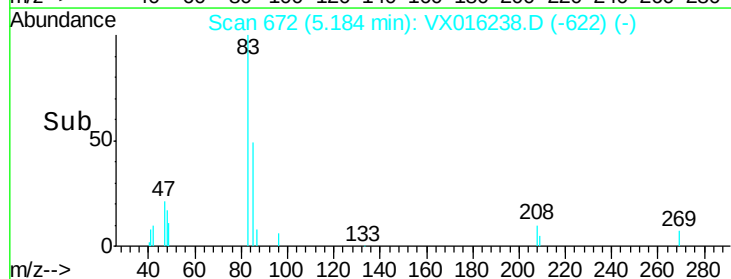
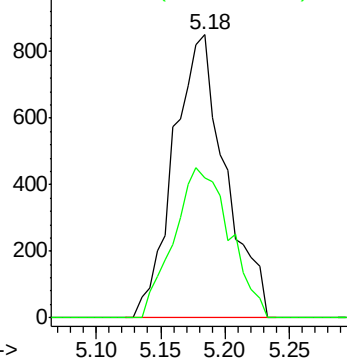
83 100

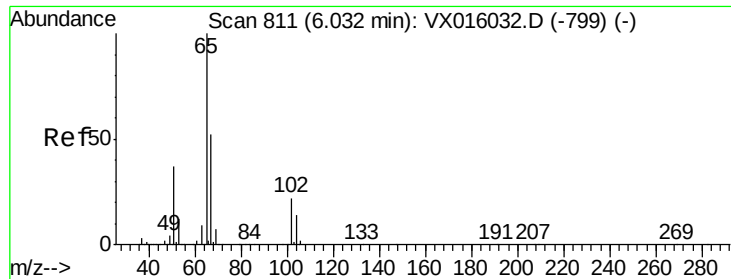
85 49.5 51.6 77.4#



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: 47.483 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX016238.D

Acq: 14 May 2020 17:54

Instrument :

MSVOA_X

ClientSampleId :

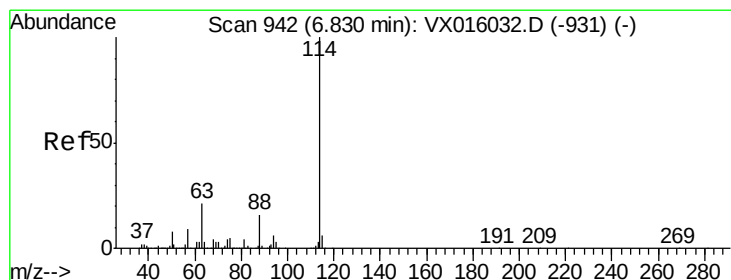
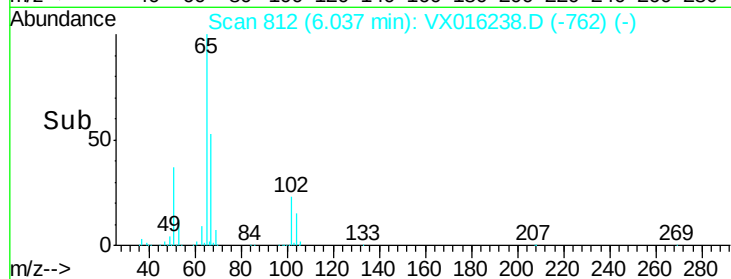
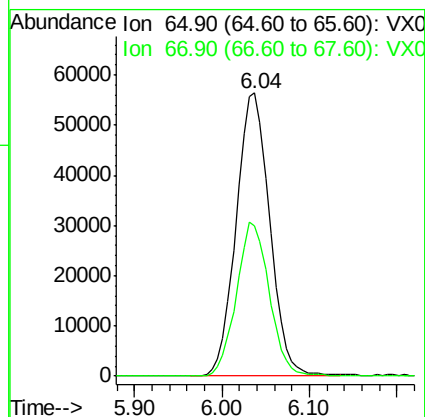
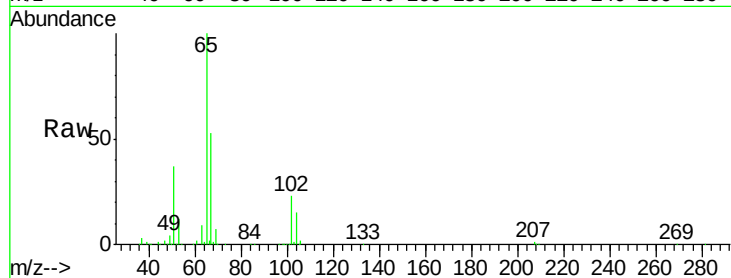
SS052MW749-200513

Tot Ion: 65 Resp: 150842

Ion Ratio Lower Upper

65 100

67 53.2 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016238.D

Acq: 14 May 2020 17:54

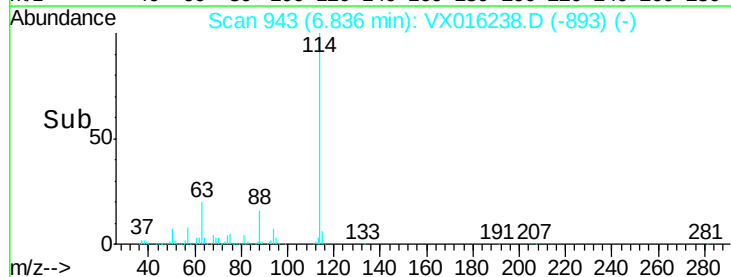
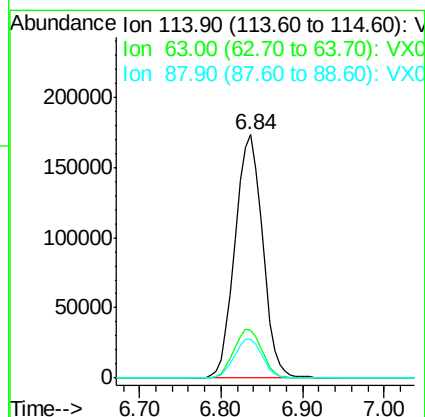
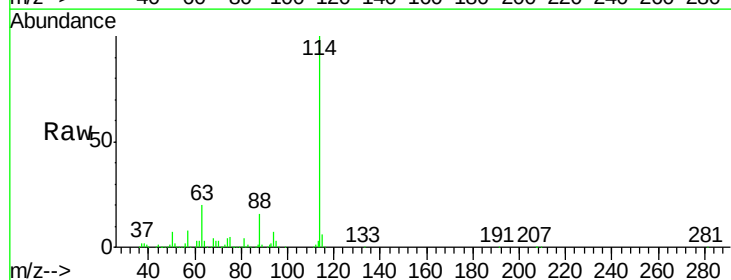
Tgt Ion: 114 Resp: 405632

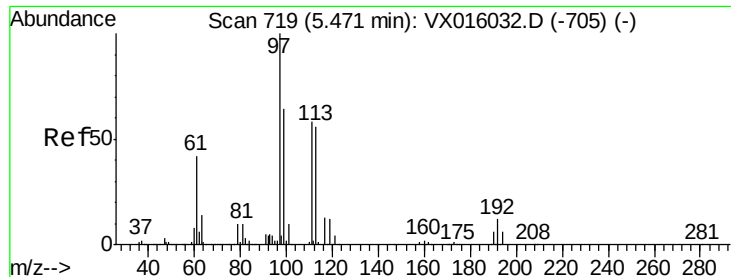
Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.8

88 15.8 0.0 31.4

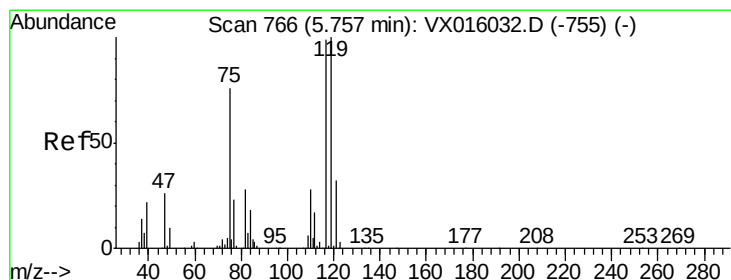
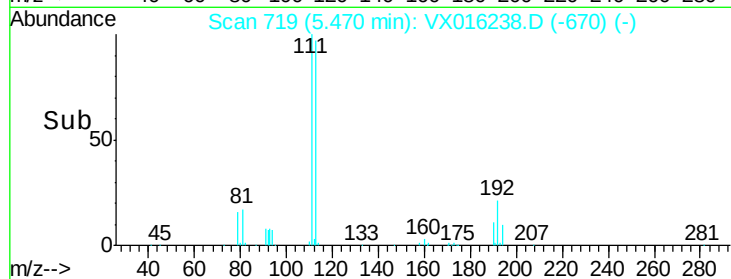
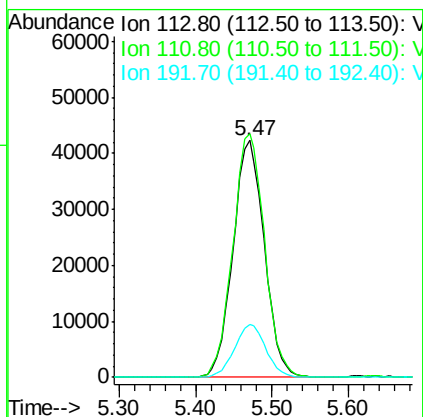
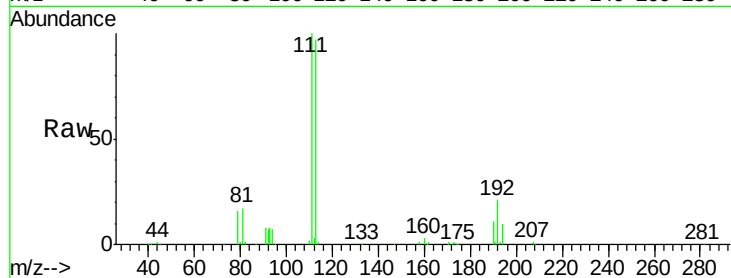




#35
 Dibromofluoromethane
 Concen: 46.733 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. -0.00 min
 Lab File: VX016238.D
 Acq: 14 May 2020 17:54

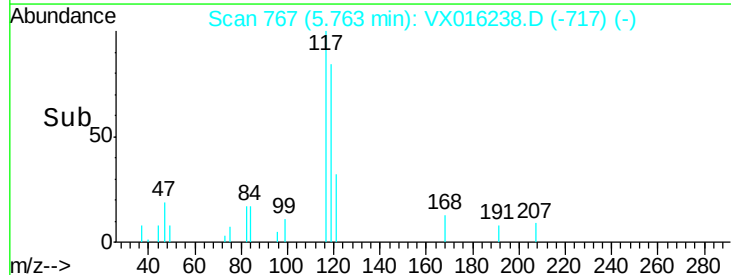
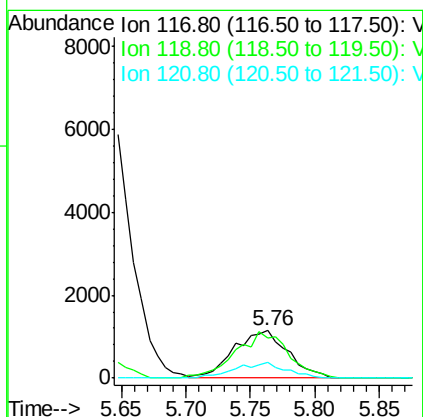
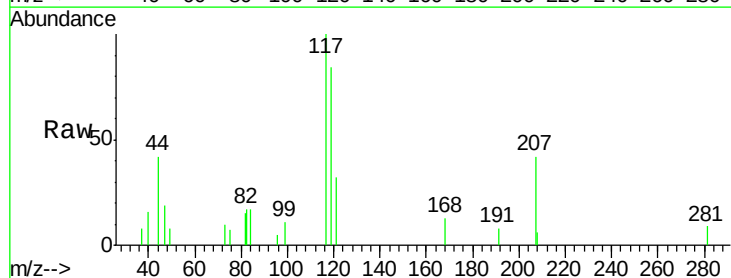
Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW749-200513

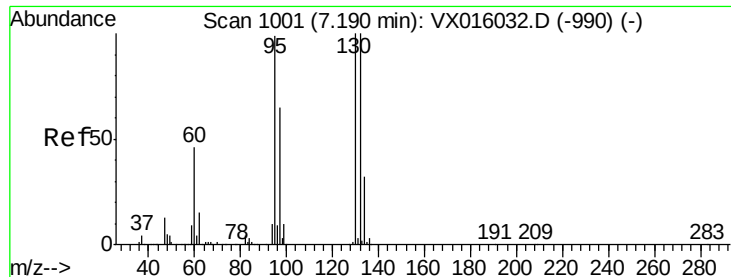
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.8	81.6	122.4
192	22.2	17.0	25.4



#38
 Carbon Tetrachloride
 Concen: 0.826 ug/l
 RT: 5.76 min Scan# 767
 Delta R.T. 0.01 min
 Lab File: VX016238.D
 Acq: 14 May 2020 17:54

Tgt Ion	Ratio	Lower	Upper
117	100		
119	84.5	80.3	120.5
121	32.2	25.7	38.5





#44

Trichloroethene

Concen: 0.939 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX016238.D

Acq: 14 May 2020 17:54

Instrument :

MSVOA_X

ClientSampleId :

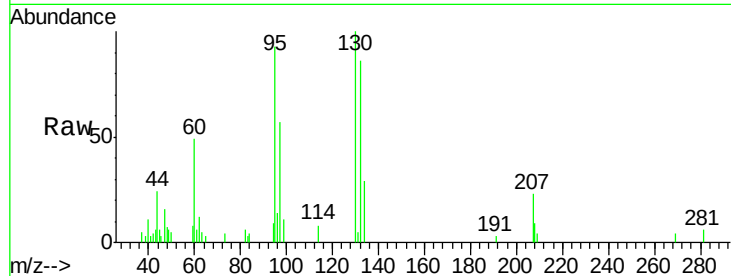
SS052MW749-200513

Tot Ion:130 Resp: 3897

Ion Ratio Lower Upper

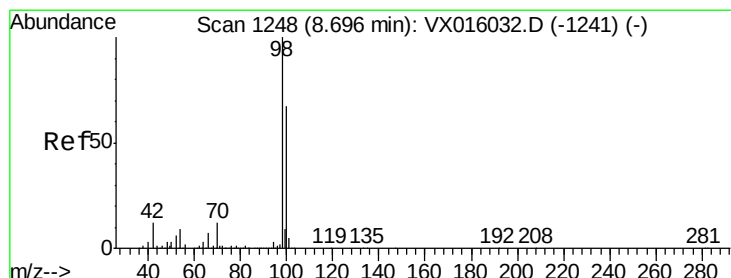
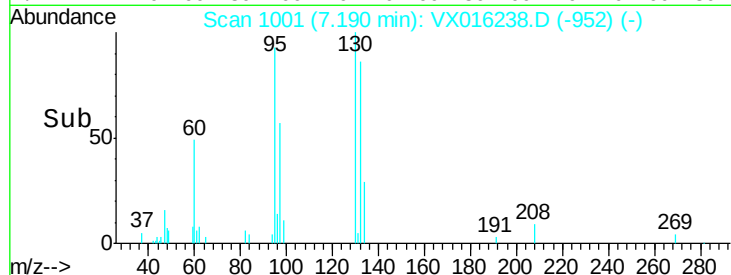
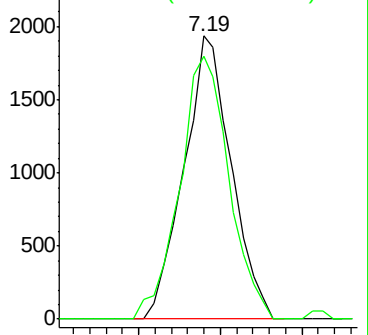
130 100

95 93.0 0.0 197.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 50.594 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016238.D

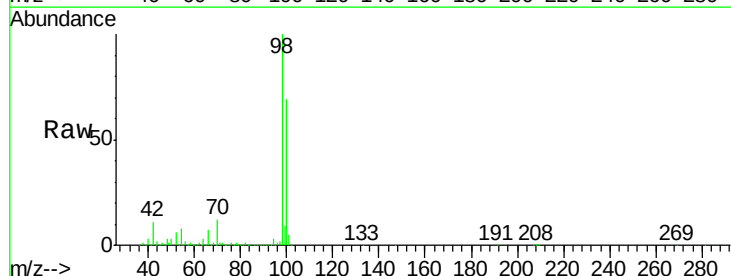
Acq: 14 May 2020 17:54

Tgt Ion: 98 Resp: 500971

Ion Ratio Lower Upper

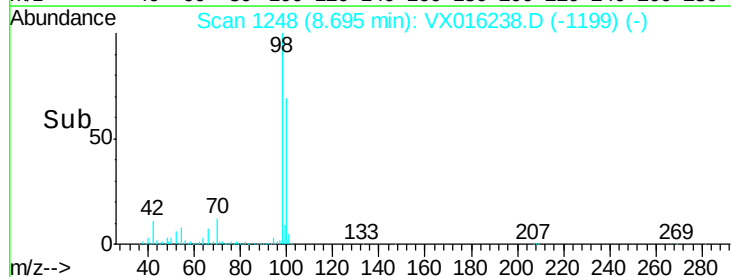
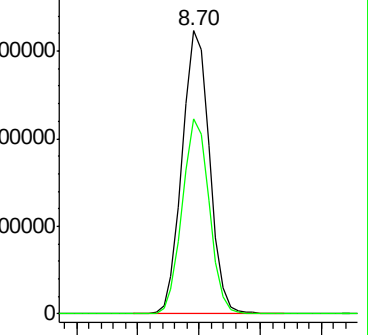
98 100

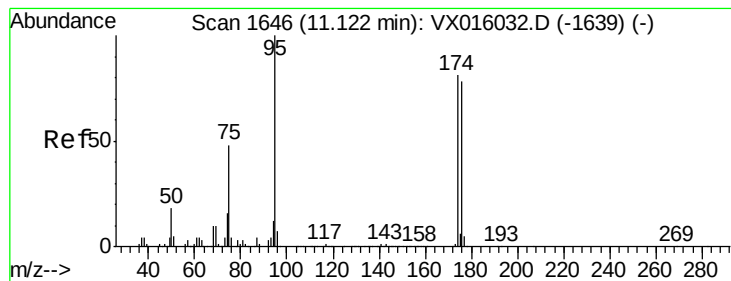
100 68.3 53.7 80.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 52.698 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016238.D

Acq: 14 May 2020 17:54

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ClientSampleId :

SS052MW749-200513

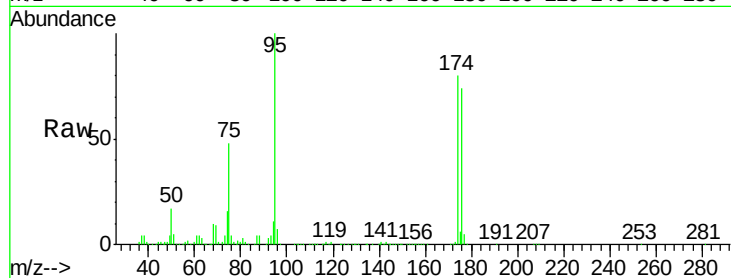
Tot Ion: 95 Resp: 198469

Ion Ratio Lower Upper

95 100

174 82.5 0.0 159.4

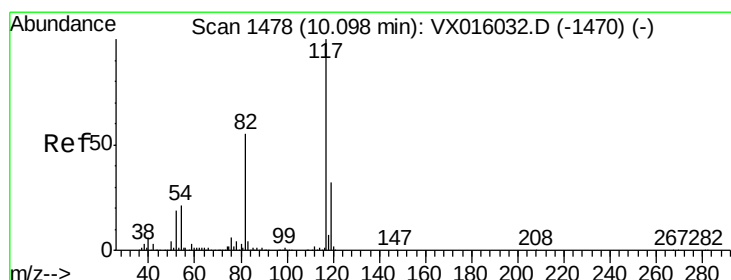
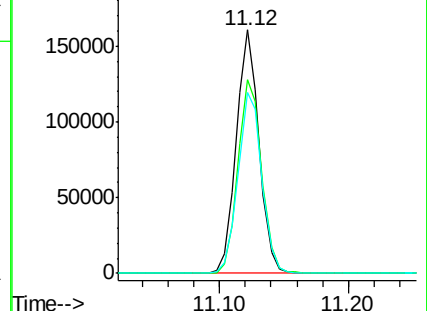
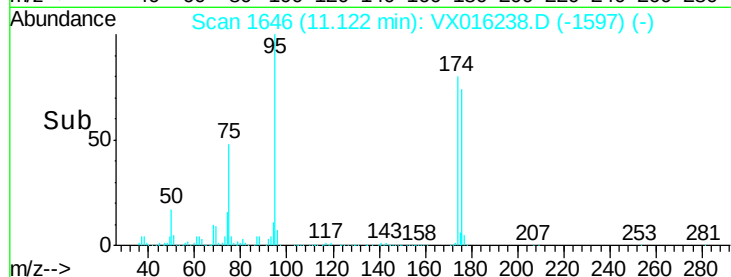
176 77.5 0.0 157.6



Abundance Ion 94.90 (94.60 to 95.60): VX016238.D (-1597) (-)

Ion 173.80 (173.50 to 174.50): VX016238.D (-1597) (-)

Ion 175.80 (175.50 to 176.50): VX016238.D (-1597) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016238.D

Acq: 14 May 2020 17:54

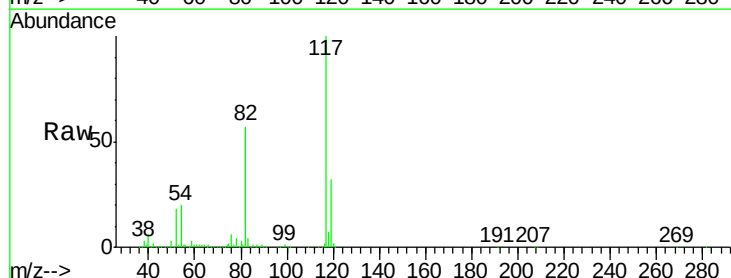
Tgt Ion: 117 Resp: 399446

Ion Ratio Lower Upper

117 100

82 56.5 44.4 66.6

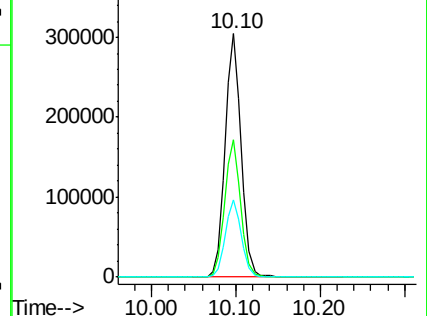
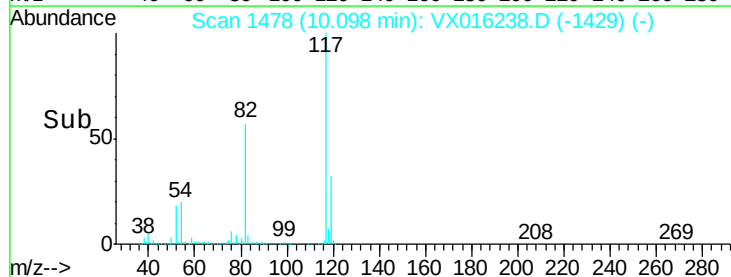
119 31.9 25.5 38.3

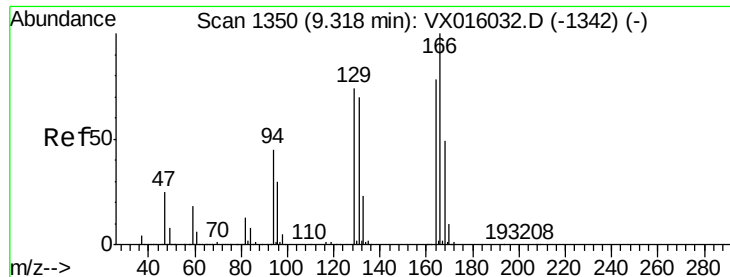


Abundance Ion 116.90 (116.60 to 117.60): VX016238.D (-1429) (-)

Ion 82.00 (81.70 to 82.70): VX016238.D (-1429) (-)

Ion 118.90 (118.60 to 119.60): VX016238.D (-1429) (-)

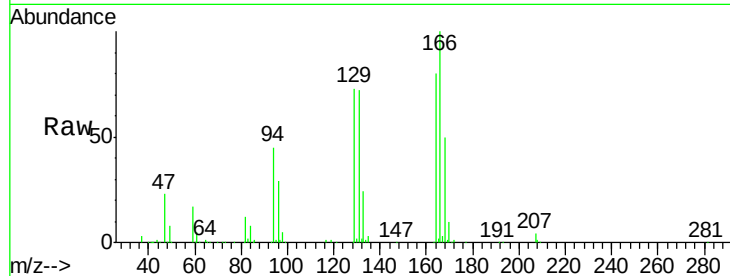




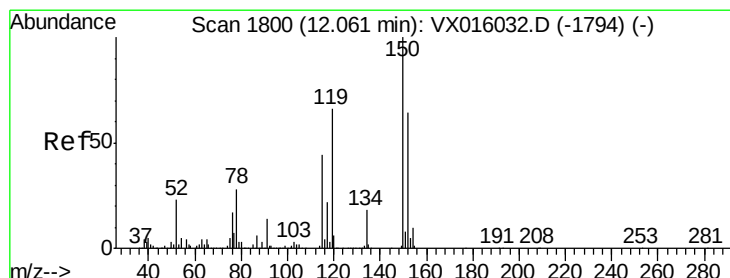
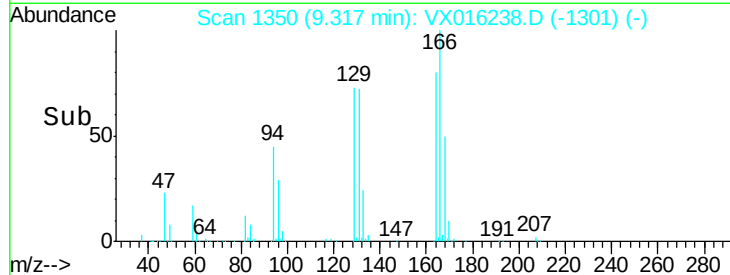
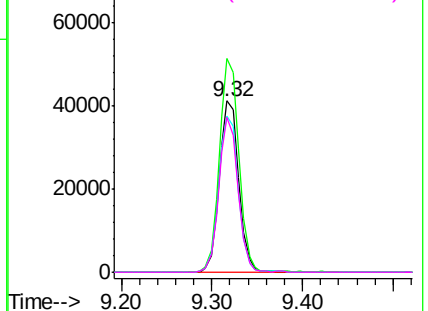
#64
Tetrachloroethene
Concen: 12.589 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016238.D
Acq: 14 May 2020 17:54

Instrument :
MSVOA_X
ClientSampleId :
SS052MW749-200513

Tot Ion:164 Resp: 61733
Ion Ratio Lower Upper
164 100
166 125.0 102.9 154.3
129 91.3 76.1 114.1
131 90.5 71.9 107.9

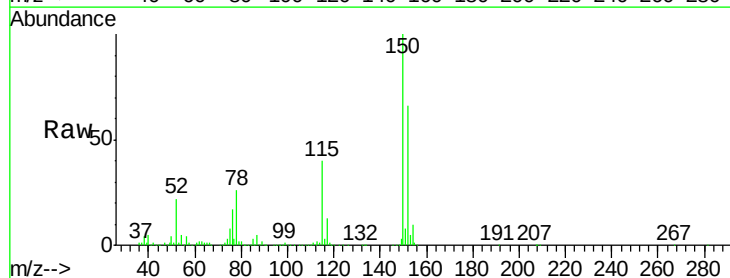


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016238.D
Acq: 14 May 2020 17:54

Tgt Ion:152 Resp: 204188
Ion Ratio Lower Upper
152 100
115 58.9 41.3 124.1
150 155.7 0.0 352.2



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

