

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052119\
 Data File : VX009745.D
 Acq On : 21 May 2019 14:14
 Operator : JC/SP
 Sample : K2953-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-051719

Quant Time: May 22 07:45:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

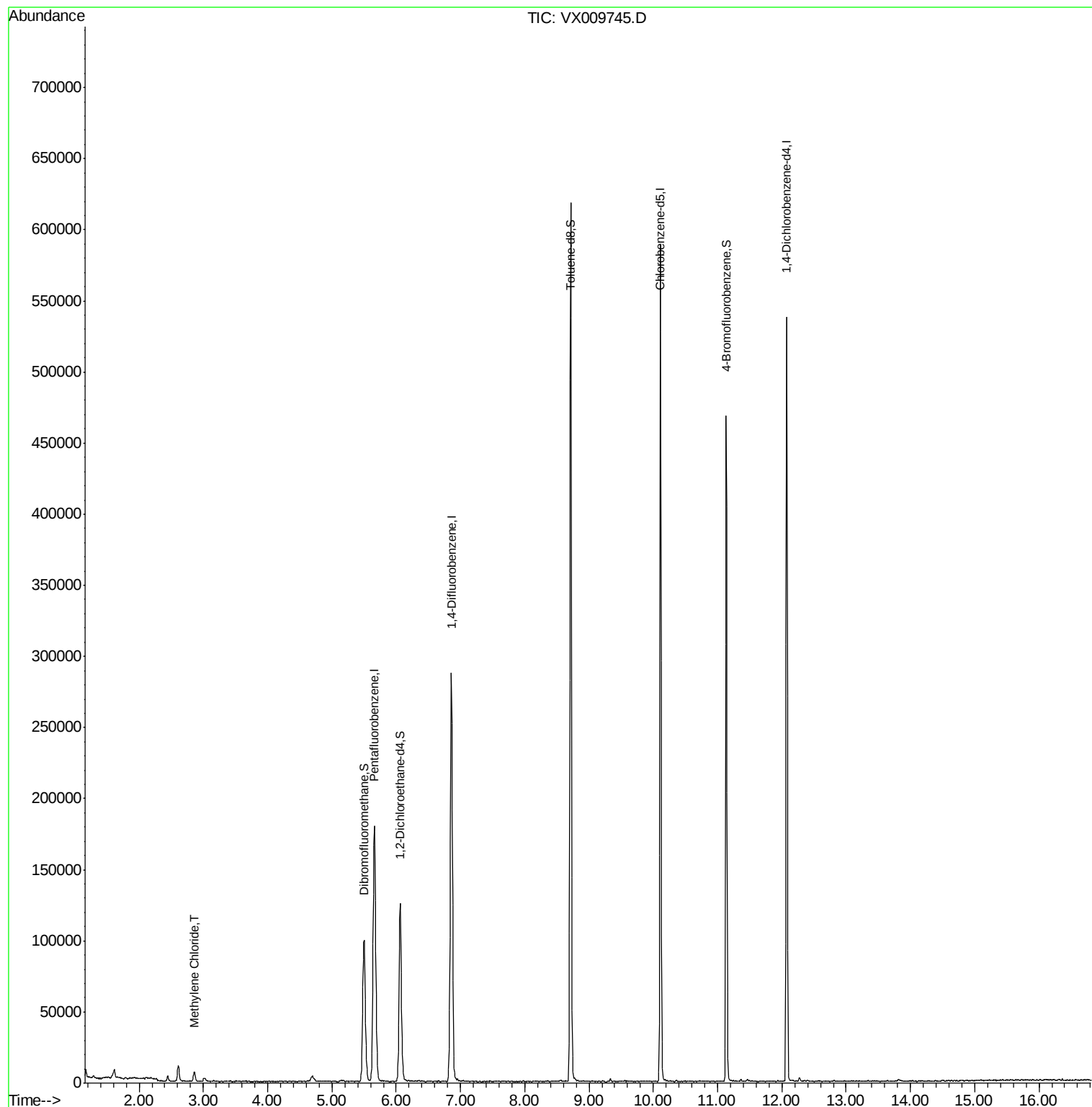
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	175629	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	279131	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	251118	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	108763	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	117508	49.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.02%	
35) Dibromofluoromethane	5.49	113	86058	49.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.08%	
50) Toluene-d8	8.71	98	354605	50.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.12%	
62) 4-Bromofluorobenzene	11.13	95	119043	46.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.50%	
Target Compounds						
20) Methylene Chloride	2.86	84	2918	1.400	ug/l	Qvalue 96

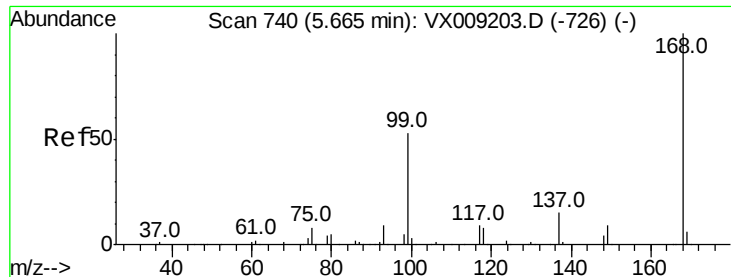
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009745.D

Acq: 21 May 2019 14:14

Instrument :

MSVOA_X

ClientSampleId :

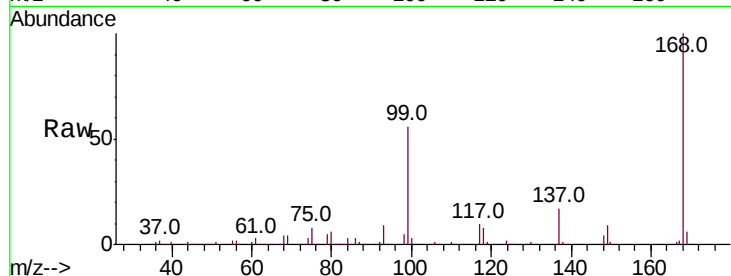
FB-051719

Tot Ion:168 Resp: 175629

Ion Ratio Lower Upper

168 100

99 55.6 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): VX009203.D (-726) (-)

Ion 98.90 (98.60 to 99.60): VX009203.D (-726) (-)

5.66

60000

40000

20000

0

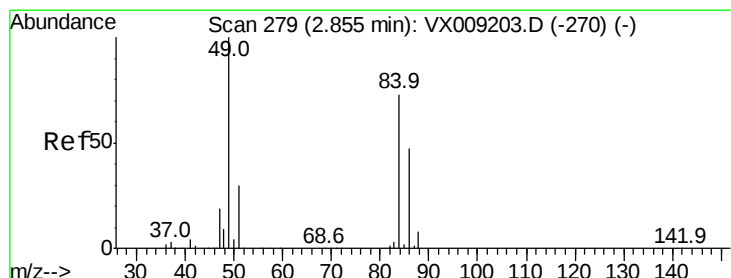
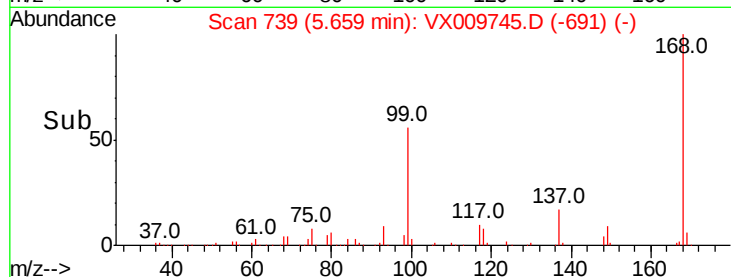
Time-->

5.50

5.60

5.70

5.80



#20

Methylene Chloride

Concen: 1.400 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.01 min

Lab File: VX009745.D

Acq: 21 May 2019 14:14

Tgt Ion: 84 Resp: 2918

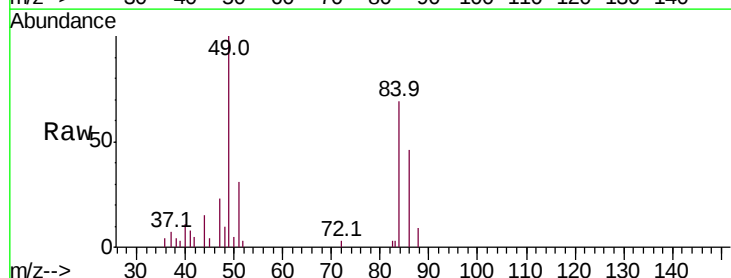
Ion Ratio Lower Upper

84 100

49 141.7 109.9 164.9

51 45.3 32.7 49.1

86 67.4 52.0 78.0



Abundance Ion 83.90 (83.60 to 84.60): VX009203.D (-270) (-)

Ion 48.90 (48.60 to 49.60): VX009203.D (-270) (-)

Ion 50.90 (50.60 to 51.60): VX009203.D (-270) (-)

Ion 85.90 (85.60 to 86.60): VX009203.D (-270) (-)

3000

2500

2000

1500

1000

500

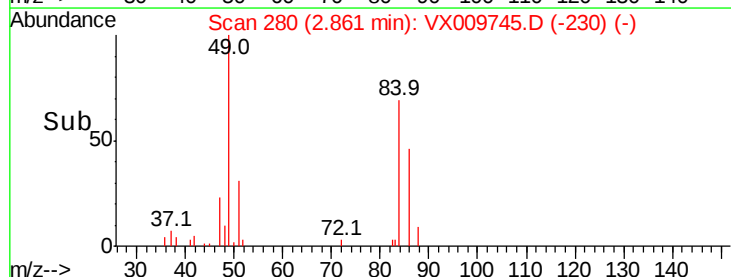
0

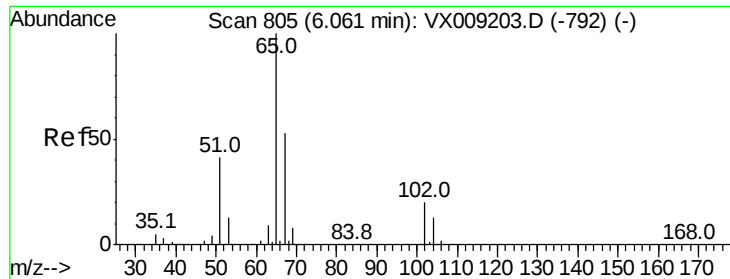
Time-->

2.80

2.85

2.90





#33

1,2-Dichloroethane-d4

Concen: 49.012 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009745.D

Acq: 21 May 2019 14:14

Instrument :

MSVOA_X

ClientSampleId :

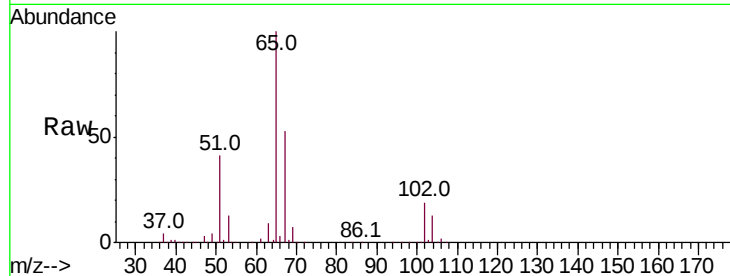
FB-051719

Tot Ion: 65 Resp: 117508

Ion Ratio Lower Upper

65 100

67 54.2 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

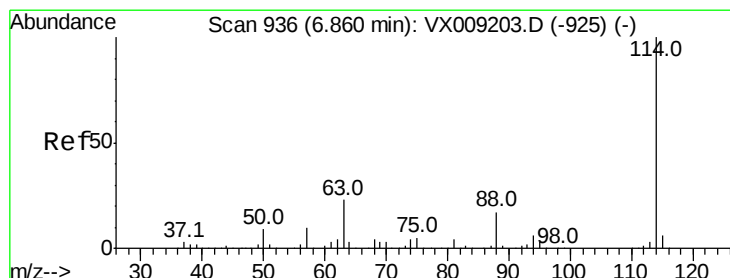
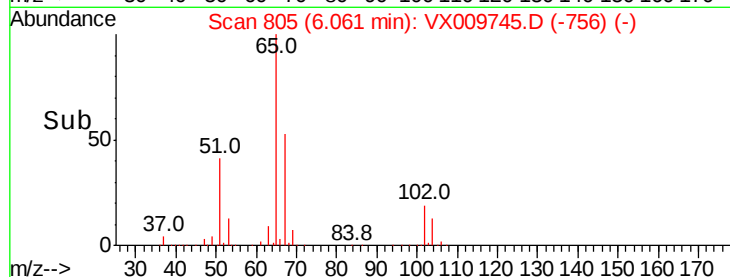
30000

20000

10000

0

Time--> 5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX009745.D

Acq: 21 May 2019 14:14

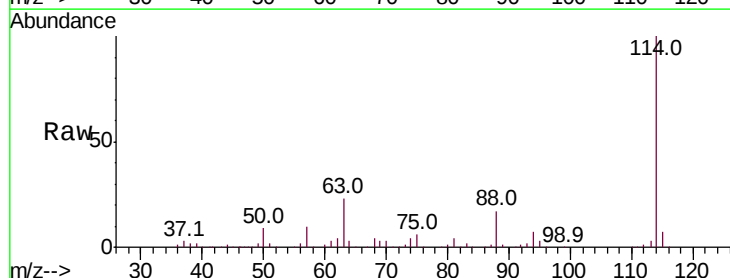
Tgt Ion:114 Resp: 279131

Ion Ratio Lower Upper

114 100

63 23.4 0.0 45.6

88 16.6 0.0 33.2



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

6.86

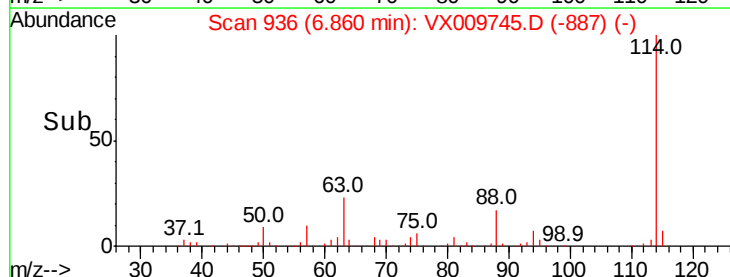
150000

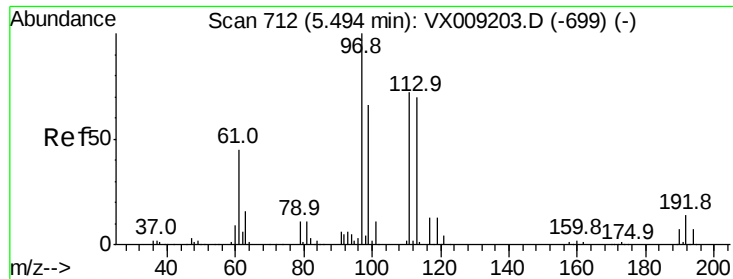
100000

50000

0

Time--> 6.70 6.80 6.90 7.00

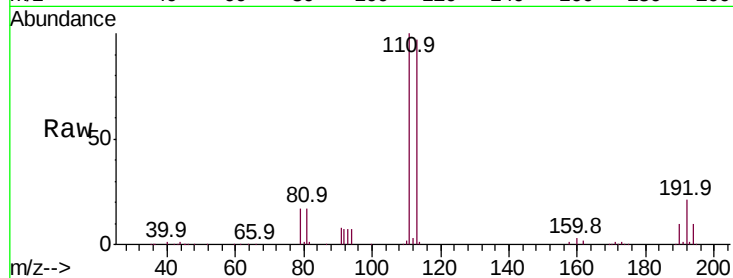




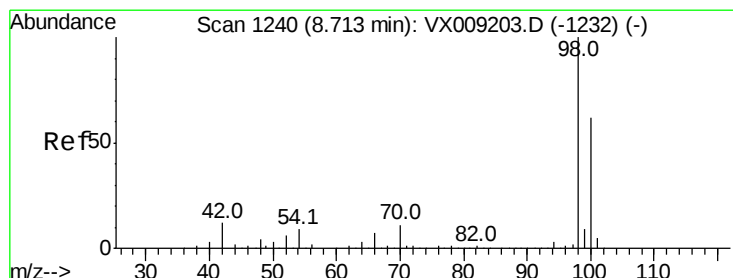
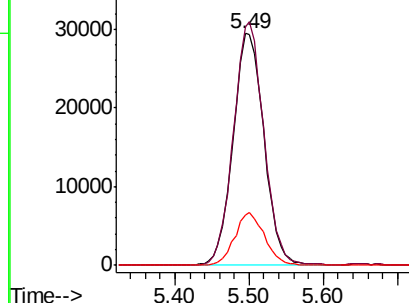
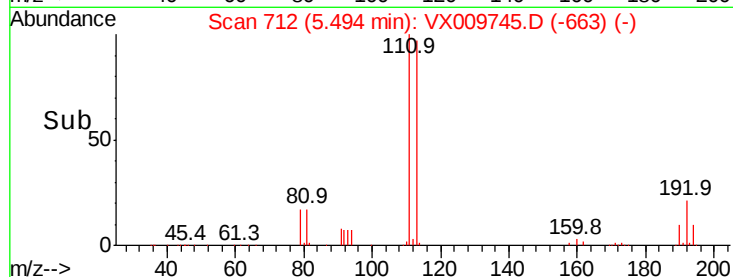
#35
 Dibromofluoromethane
 Concen: 49.043 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: VX009745.D
 Acq: 21 May 2019 14:14

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-051719

Tot Ion:113 Resp: 86058
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.8 124.2
 192 21.9 17.0 25.6

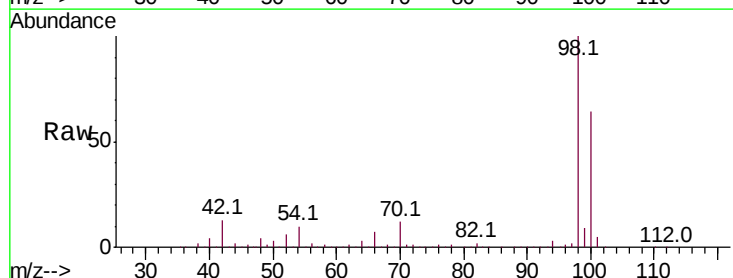


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

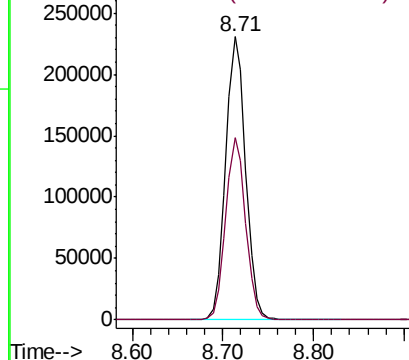
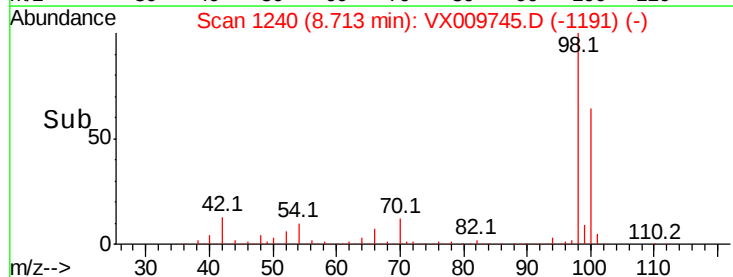


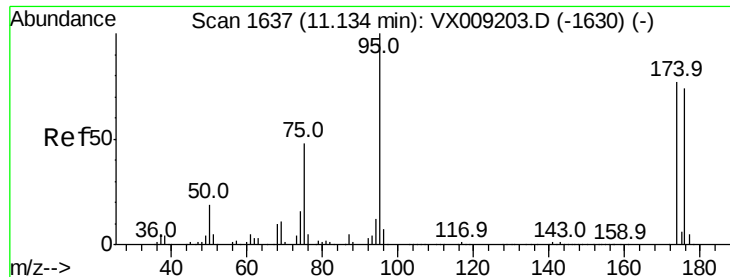
#50
 Toluene-d8
 Concen: 50.055 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX009745.D
 Acq: 21 May 2019 14:14

Tgt Ion: 98 Resp: 354605
 Ion Ratio Lower Upper
 98 100
 100 64.4 51.2 76.8



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





#62

4-Bromofluorobenzene

Concen: 46.245 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009745.D

Acq: 21 May 2019 14:14

Instrument :

MSVOA_X

ClientSampled :

FB-051719

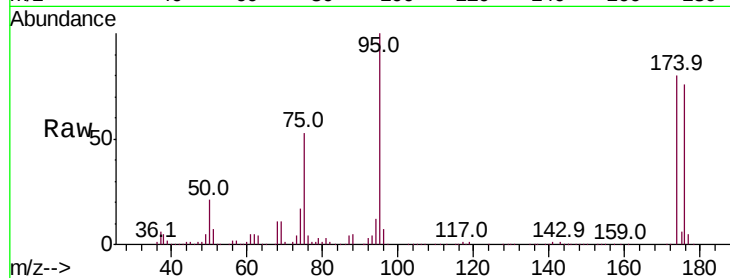
Tot Ion: 95 Resp: 119043

Ion Ratio Lower Upper

95 100

174 82.5 0.0 161.6

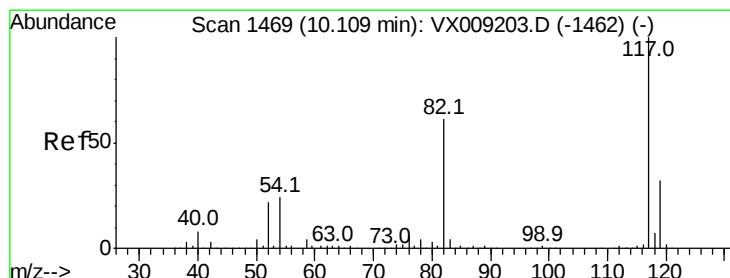
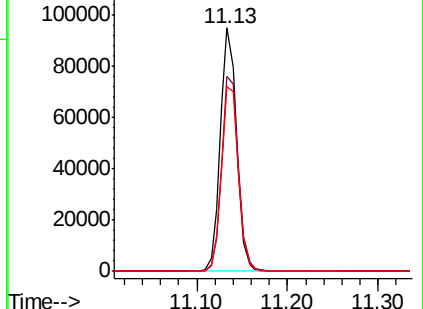
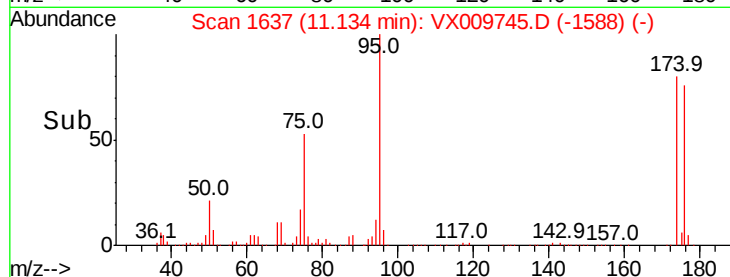
176 78.4 0.0 159.2



Abundance Ion 94.90 (94.60 to 95.60): VX009745.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX009745.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX009745.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX009745.D

Acq: 21 May 2019 14:14

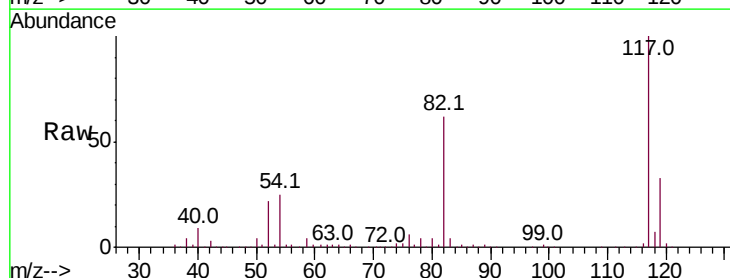
Tgt Ion: 117 Resp: 251118

Ion Ratio Lower Upper

117 100

82 61.6 48.8 73.2

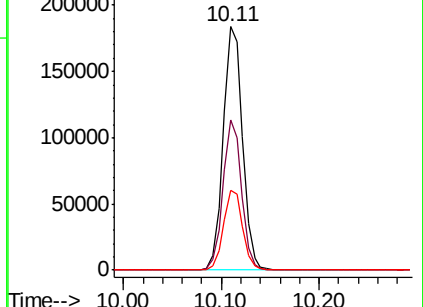
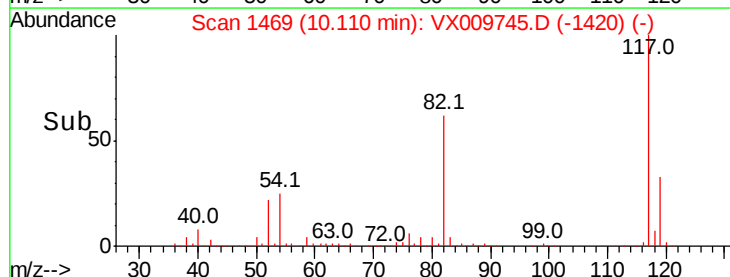
119 32.7 25.8 38.6

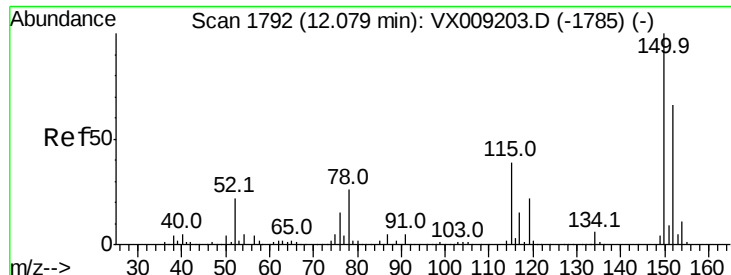


Abundance Ion 116.90 (116.60 to 117.60): VX009745.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX009745.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX009745.D (-1420) (-)

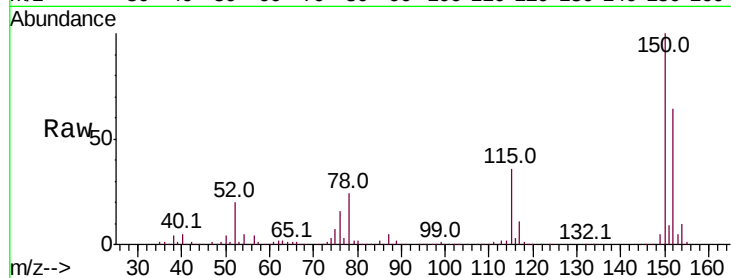




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX009745.D
 Acq: 21 May 2019 14:14

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-051719

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.9	41.2	123.6
150	156.1	0.0	346.4



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

