

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052819\
 Data File : VX009922.D
 Acq On : 28 May 2019 18:07
 Operator : JC/SP
 Sample : K3032-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-ER-2019-1

Quant Time: May 29 05:04:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 04:00:56 2019
 Response via : Initial Calibration

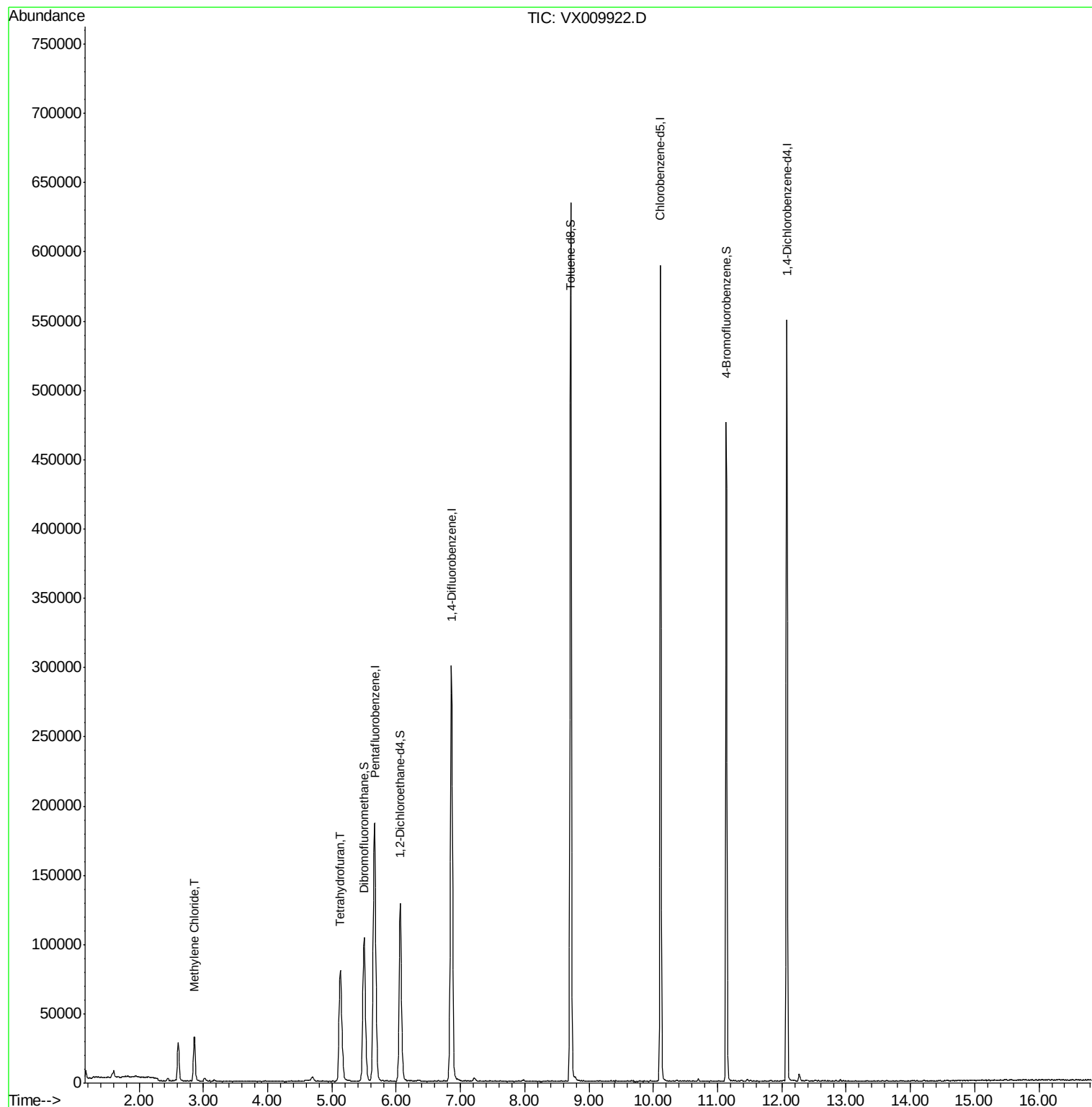
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	180413	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	287960	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	258304	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	113635	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	121315	47.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.20%	
35) Dibromofluoromethane	5.50	113	87344	48.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.50%	
50) Toluene-d8	8.71	98	365652	49.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.48%	
62) 4-Bromofluorobenzene	11.13	95	122793	46.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.00%	
Target Compounds						
20) Methylene Chloride	2.86	84	14145	6.273	ug/l	97
29) Tetrahydrofuran	5.13	42	84226	57.254	ug/l	99

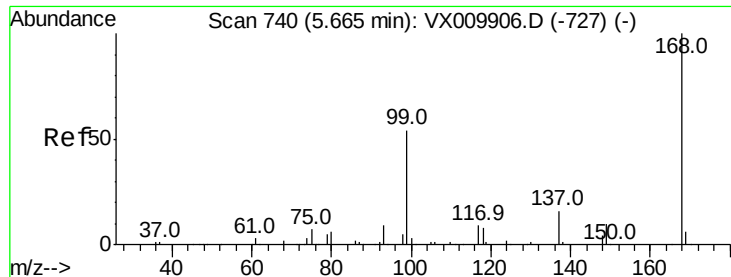
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX009922.D

Acq: 28 May 2019 18:07

Instrument :

MSVOA_X

ClientSampleId :

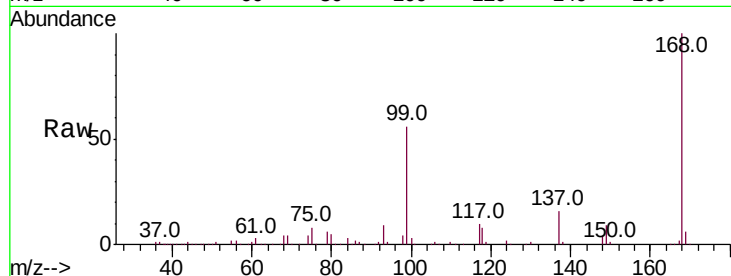
S32-ER-2019-1

Tot Ion:168 Resp: 180413

Ion Ratio Lower Upper

168 100

99 56.2 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

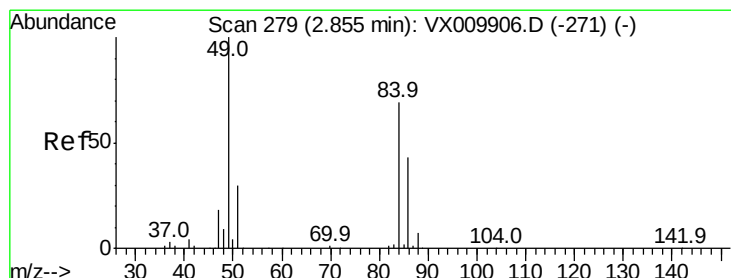
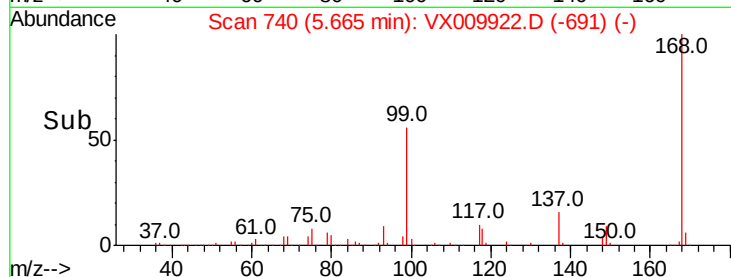
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#20

Methylene Chloride

Concen: 6.273 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.01 min

Lab File: VX009922.D

Acq: 28 May 2019 18:07

Tgt Ion: 84 Resp: 14145

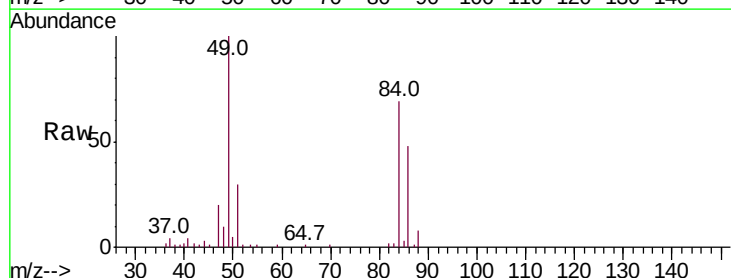
Ion Ratio Lower Upper

84 100

49 145.0 115.8 173.6

51 44.2 34.4 51.6

86 69.6 49.7 74.5



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

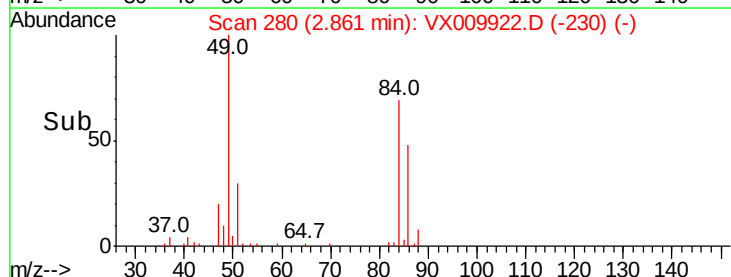
15000

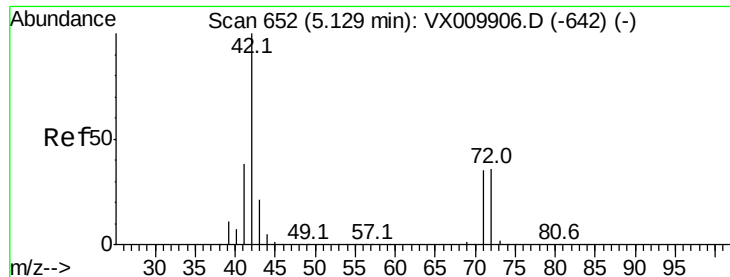
10000

5000

0

Time--> 2.80 2.85 2.90 2.95





#29

Tetrahydrofuran

Concen: 57.254 ug/l

RT: 5.13 min Scan# 653

Delta R.T. 0.01 min

Lab File: VX009922.D

Acq: 28 May 2019 18:07

Instrument :

MSVOA_X

ClientSampleId :

S32-ER-2019-1

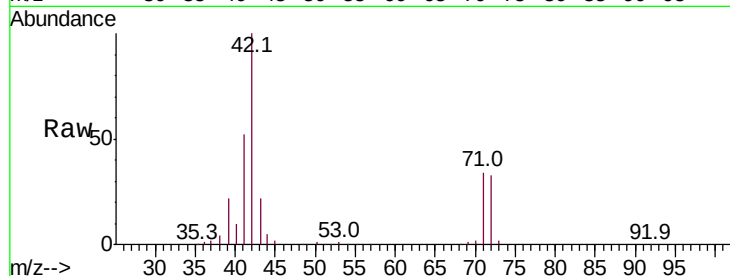
Tot Ion: 42 Resp: 84226

Ion Ratio Lower Upper

42 100

72 35.1 29.2 43.8

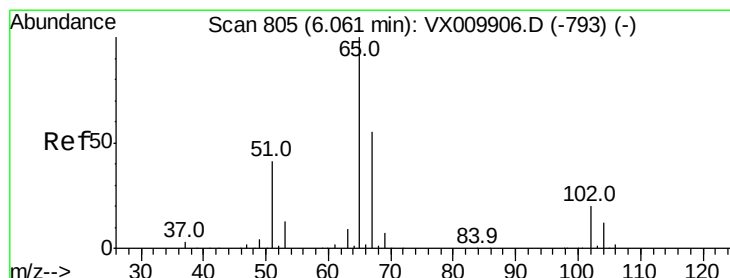
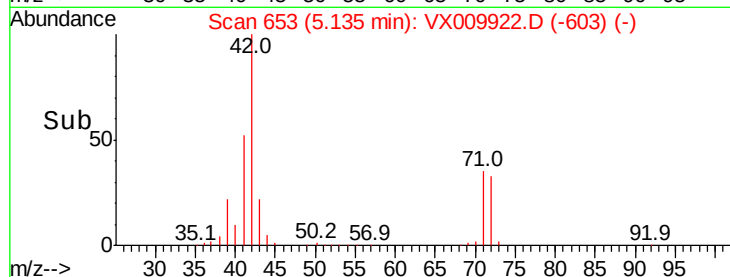
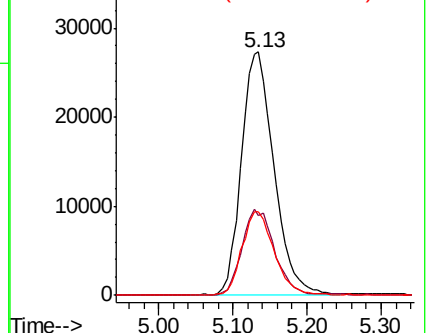
71 34.3 27.6 41.4



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 47.603 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009922.D

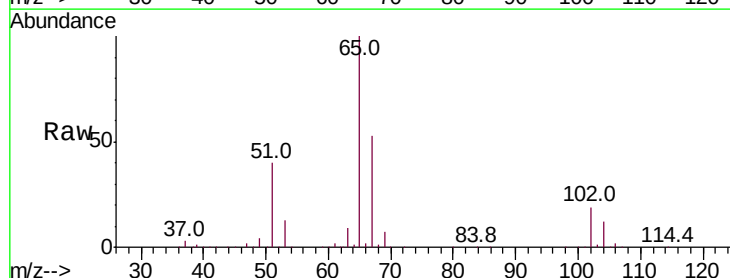
Acq: 28 May 2019 18:07

Tgt Ion: 65 Resp: 121315

Ion Ratio Lower Upper

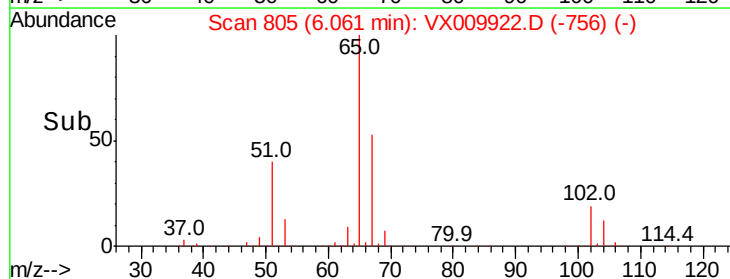
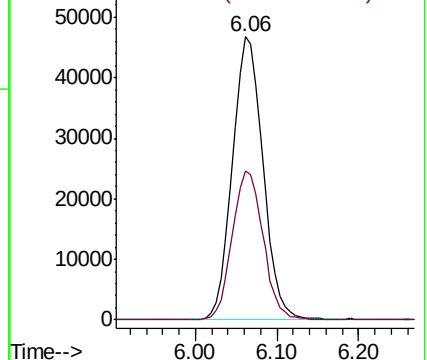
65 100

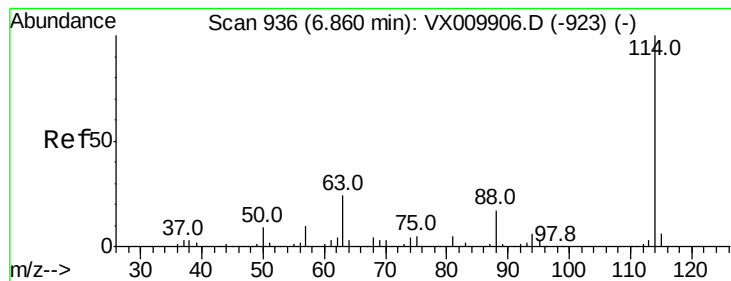
67 53.2 0.0 108.4



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: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX009922.D

Acq: 28 May 2019 18:07

Instrument :

MSVOA_X

ClientSampleId :

S32-ER-2019-1

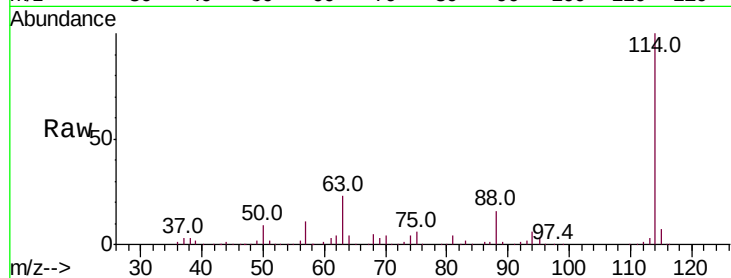
Tot Ion:114 Resp: 287960

Ion Ratio Lower Upper

114 100

63 23.3 0.0 47.4

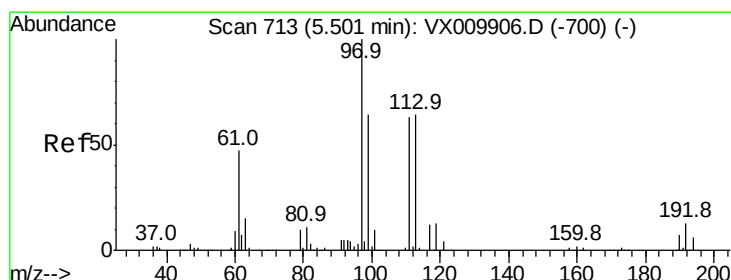
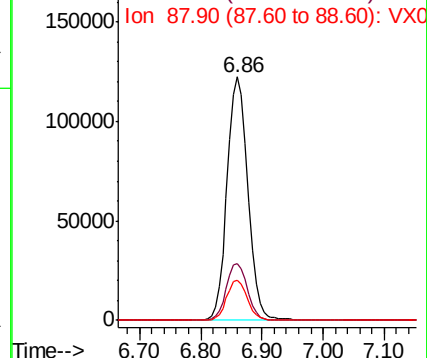
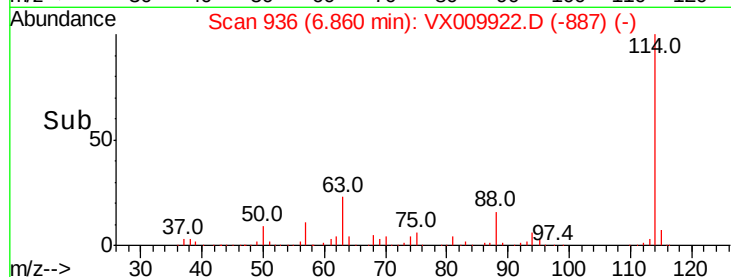
88 16.3 0.0 33.0



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: 48.245 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX009922.D

Acq: 28 May 2019 18:07

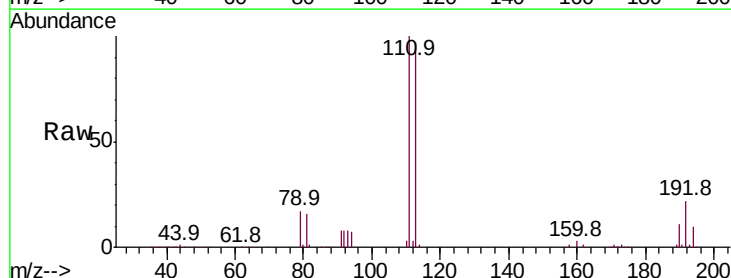
Tgt Ion:113 Resp: 87344

Ion Ratio Lower Upper

113 100

111 103.6 82.2 123.2

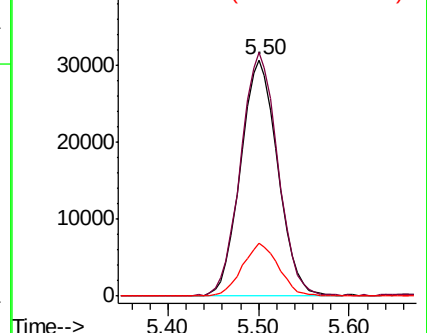
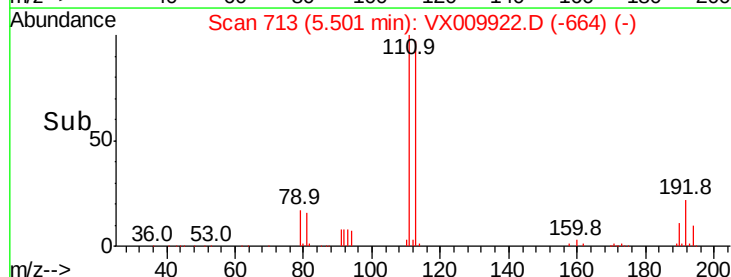
192 22.0 17.1 25.7

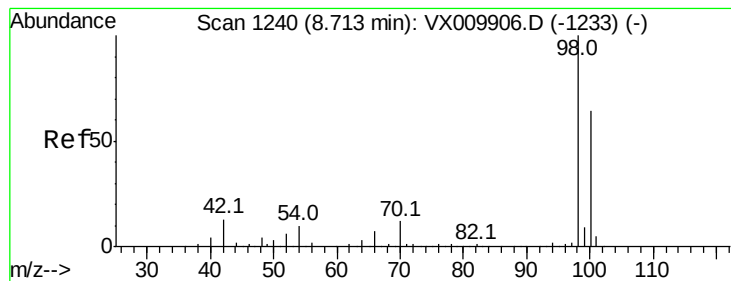


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.737 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009922.D

Acq: 28 May 2019 18:07

Instrument :

MSVOA_X

ClientSampled :

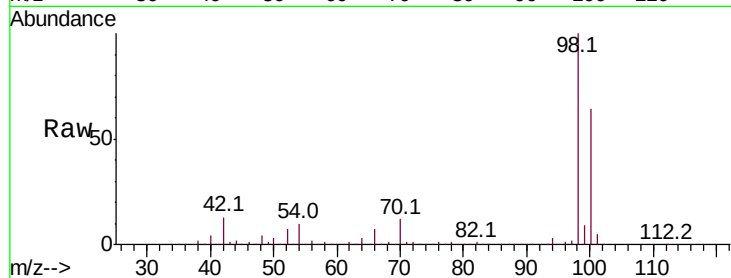
S32-ER-2019-1

Tot Ion: 98 Resp: 365652

Ion Ratio Lower Upper

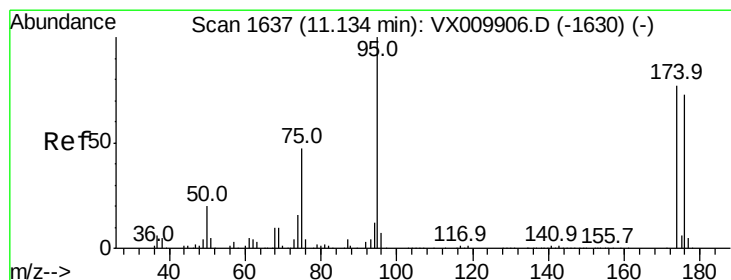
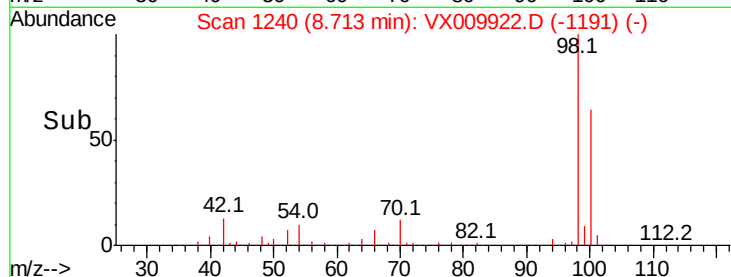
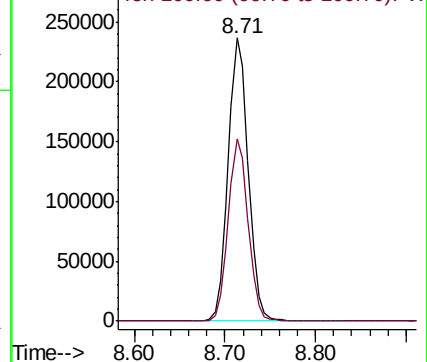
98 100

100 63.8 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 46.502 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009922.D

Acq: 28 May 2019 18:07

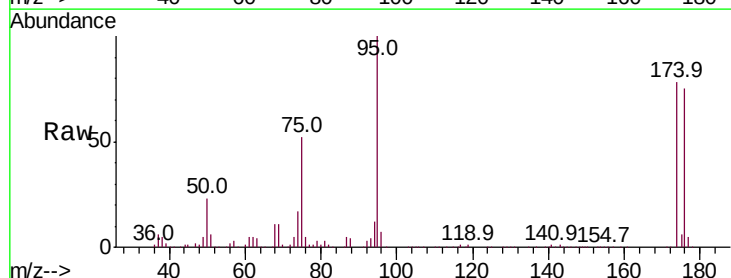
Tgt Ion: 95 Resp: 122793

Ion Ratio Lower Upper

95 100

174 81.2 0.0 160.4

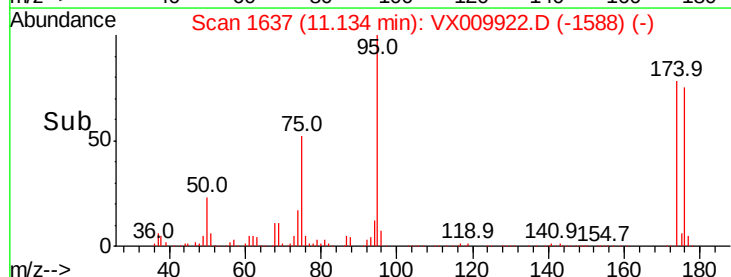
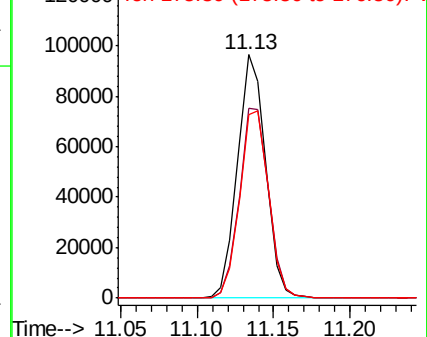
176 79.5 0.0 154.6

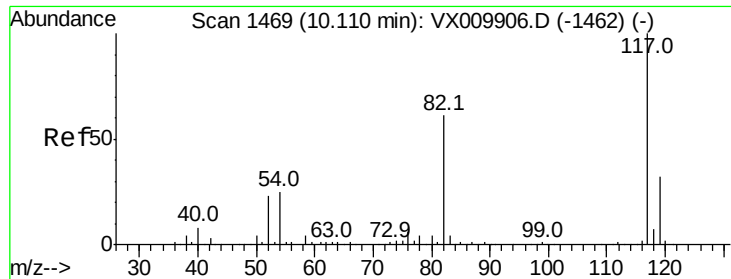


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

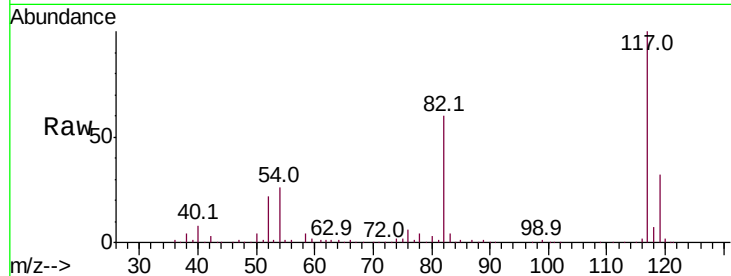




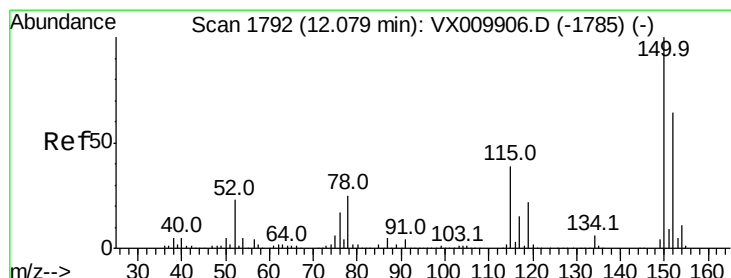
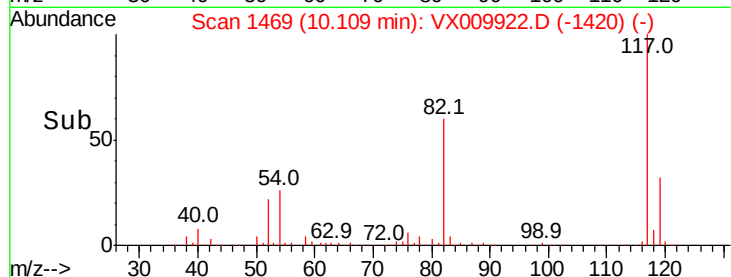
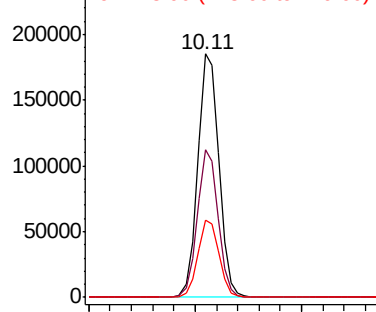
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009922.D
Acq: 28 May 2019 18:07

Instrument :
MSVOA_X
ClientSampled :
S32-ER-2019-1

Tot Ion:117 Resp: 258304
Ion Ratio Lower Upper
117 100
82 60.5 49.2 73.8
119 32.0 25.2 37.8

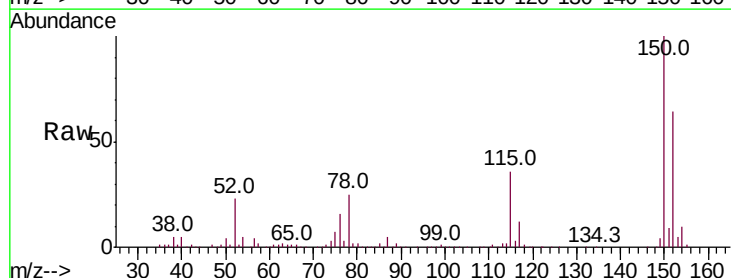


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009922.D
Acq: 28 May 2019 18:07

Tgt Ion:152 Resp: 113635
Ion Ratio Lower Upper
152 100
115 57.9 41.4 124.2
150 156.2 0.0 345.2



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

