

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072219\
 Data File : VX011029.D
 Acq On : 22 Jul 2019 14:39
 Operator : JC/SP
 Sample : K3892-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB071719

Quant Time: Jul 23 05:38:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 20 04:05:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	227544	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	363752	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	337023	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	159084	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	125071	51.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.34%	
35) Dibromofluoromethane	5.50	113	112839	48.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.74%	
50) Toluene-d8	8.71	98	433029	50.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.02%	
62) 4-Bromofluorobenzene	11.13	95	156329	49.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.22%	

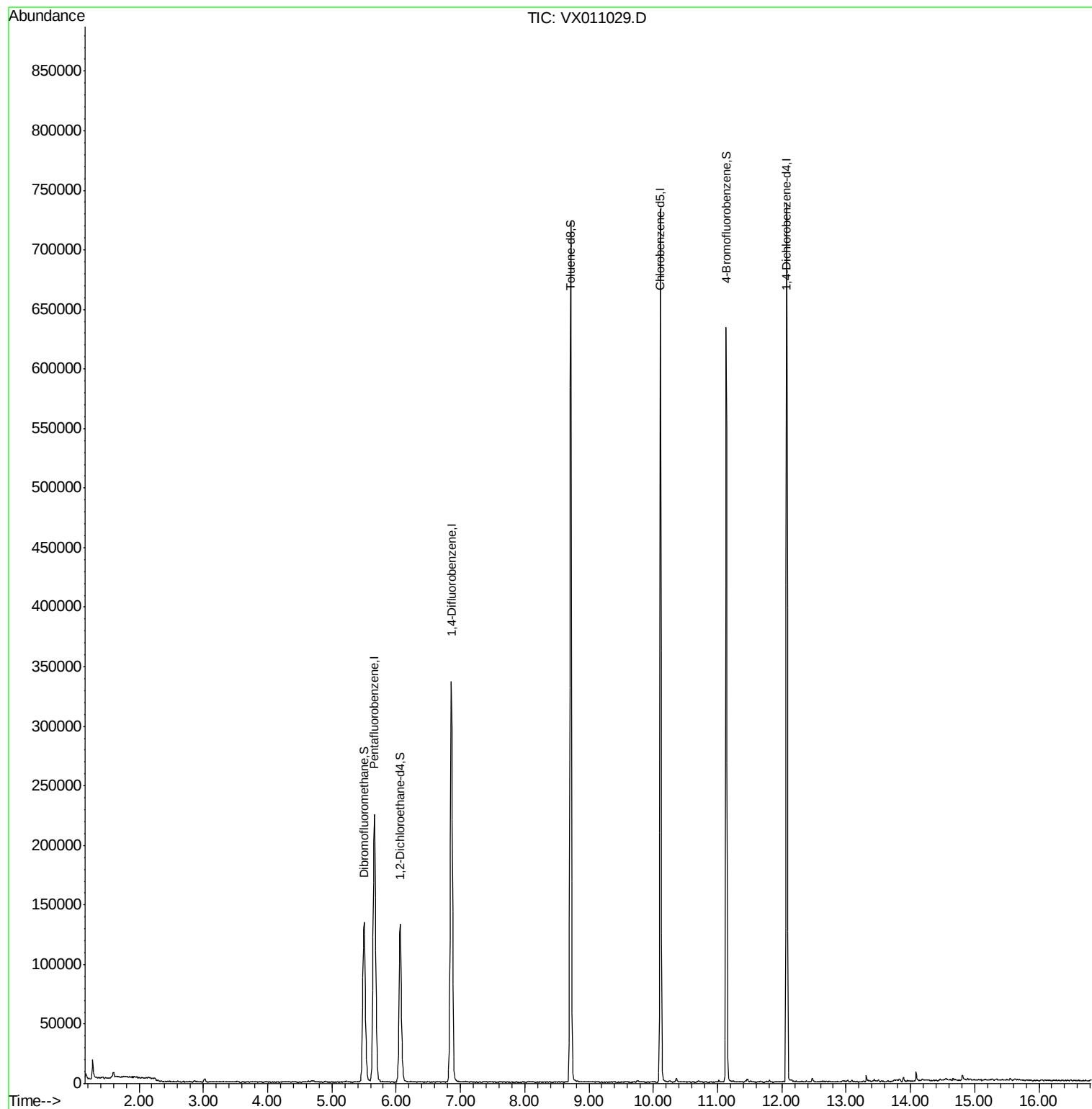
Target Compounds	Qvalue
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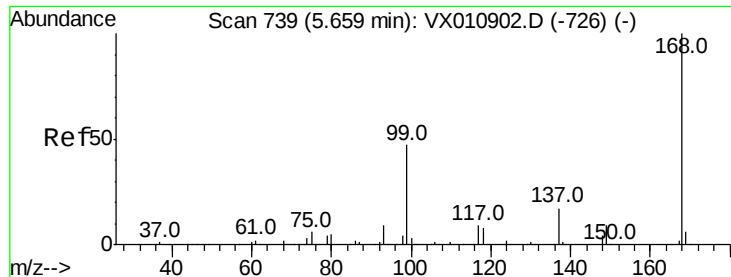
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX011029.D

Acq: 22 Jul 2019 14:39

Instrument :

MSVOA_X

ClientSampleId :

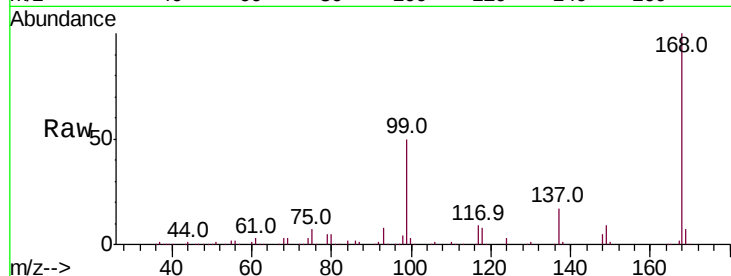
TB071719

Tot Ion:168 Resp: 227544

Ion Ratio Lower Upper

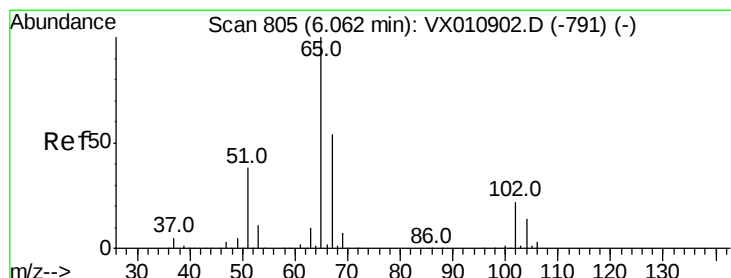
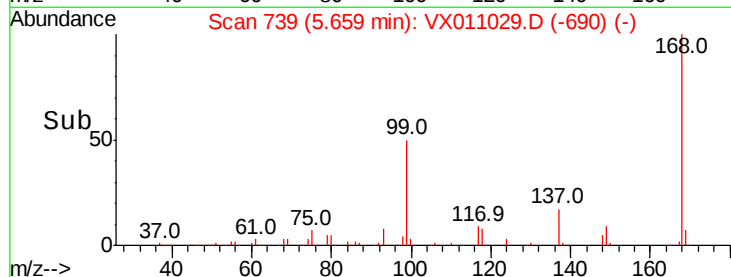
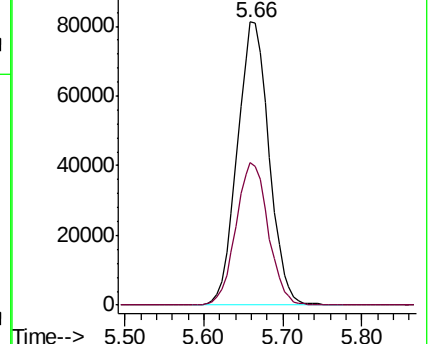
168 100

99 50.3 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 51.667 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX011029.D

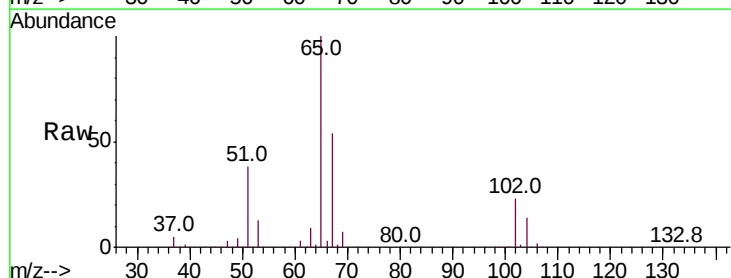
Acq: 22 Jul 2019 14:39

Tgt Ion: 65 Resp: 125071

Ion Ratio Lower Upper

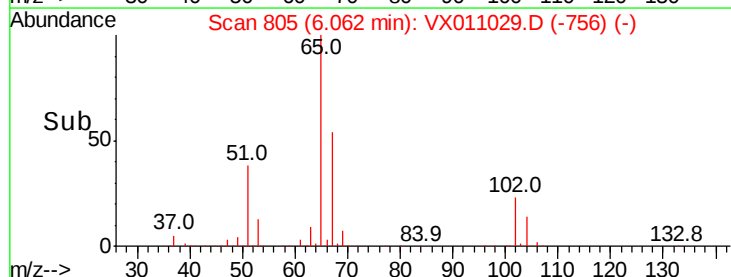
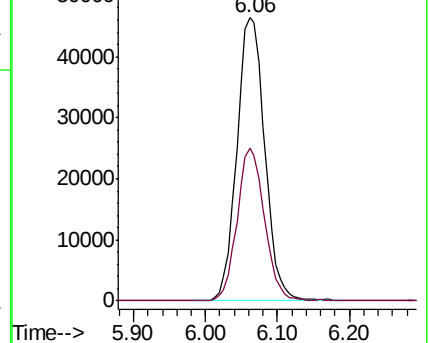
65 100

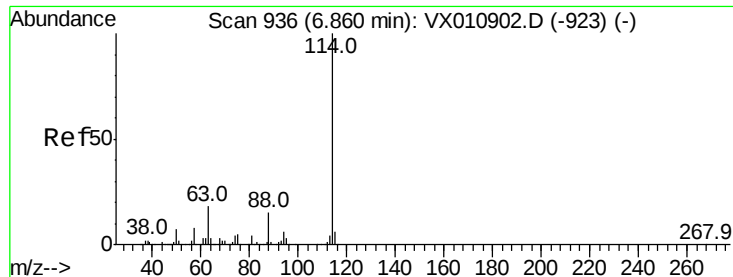
67 52.8 0.0 107.8



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: VX011029.D

Acq: 22 Jul 2019 14:39

Instrument :

MSVOA_X

ClientSampleId :

TB071719

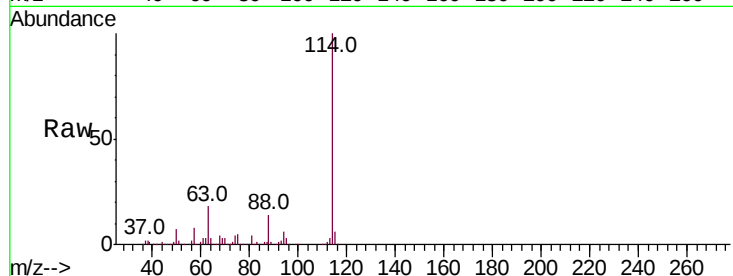
Tot Ion:114 Resp: 363752

Ion Ratio Lower Upper

114 100

63 17.8 0.0 35.6

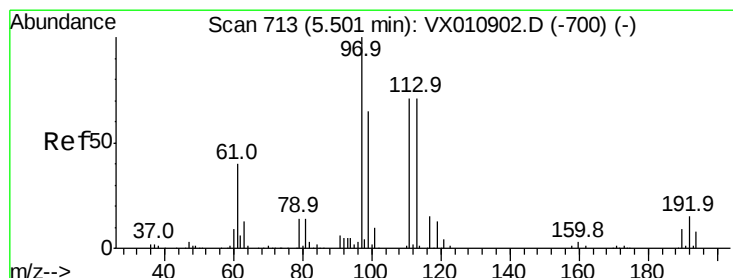
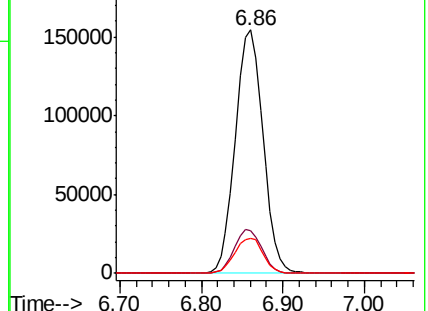
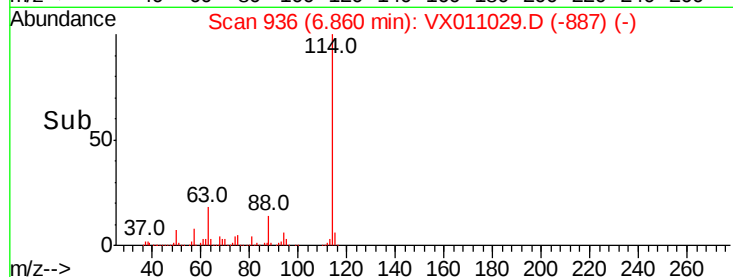
88 14.2 0.0 29.8



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: 48.873 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX011029.D

Acq: 22 Jul 2019 14:39

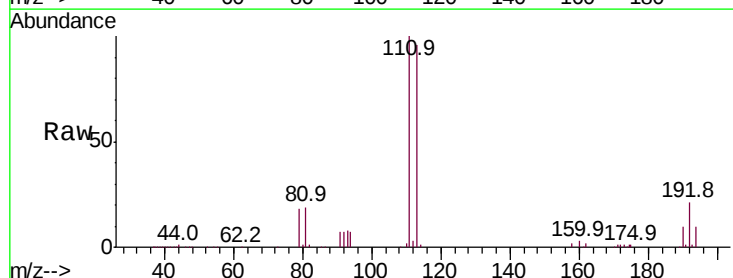
Tgt Ion:113 Resp: 112839

Ion Ratio Lower Upper

113 100

111 102.5 82.3 123.5

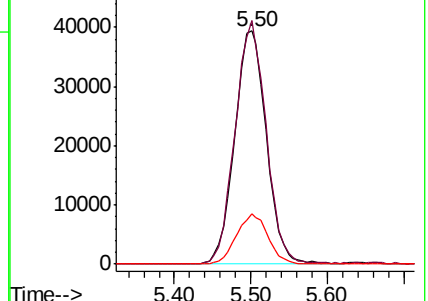
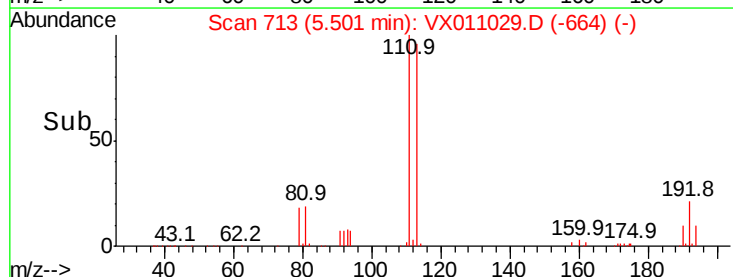
192 21.7 17.4 26.2

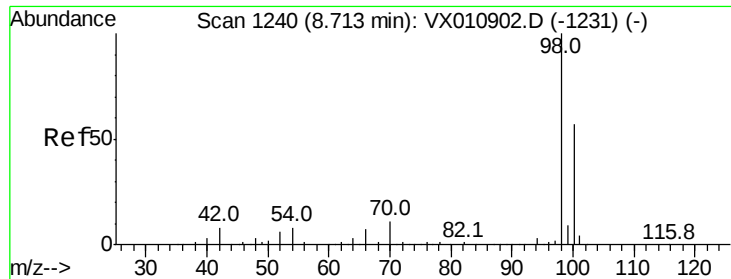


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

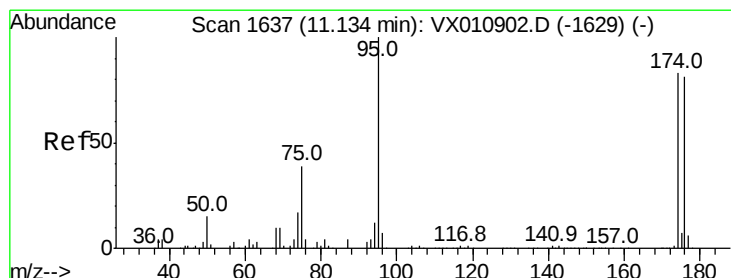
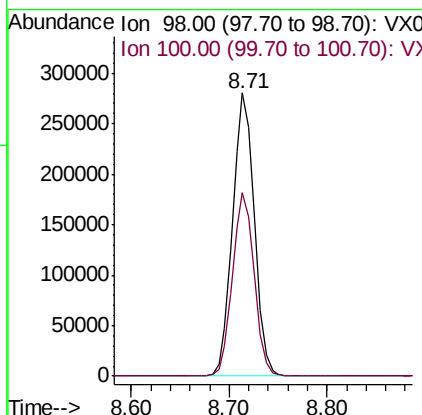
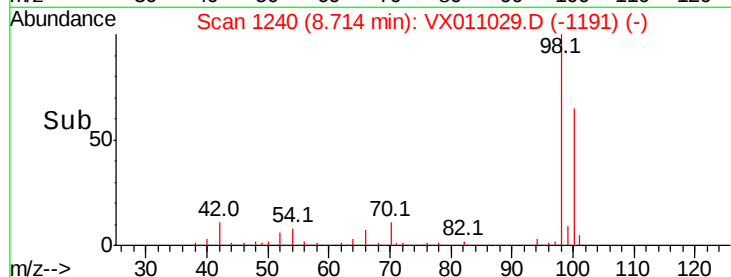
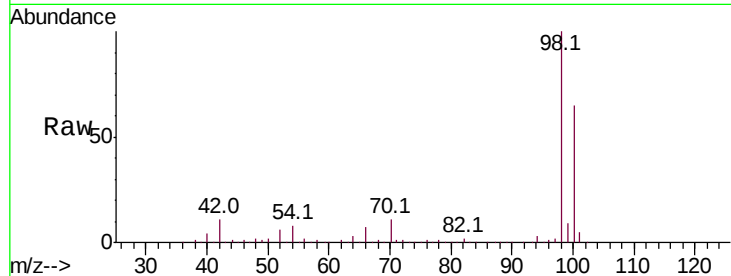




#50
Toluene-d8
Concen: 50.006 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011029.D
Acq: 22 Jul 2019 14:39

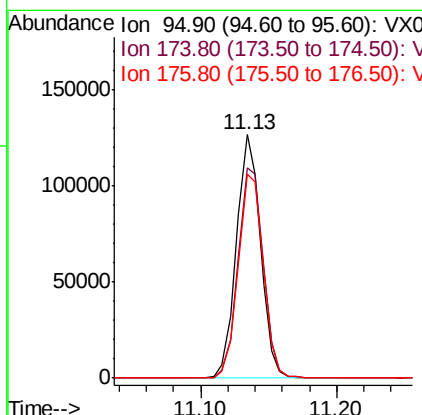
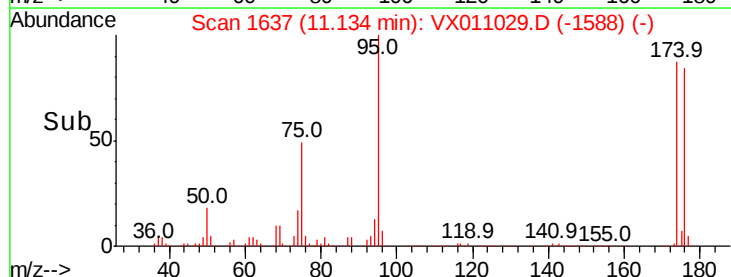
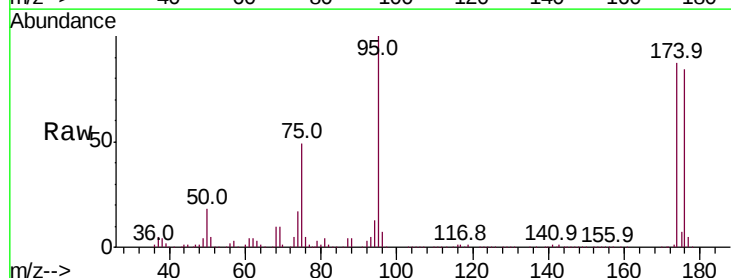
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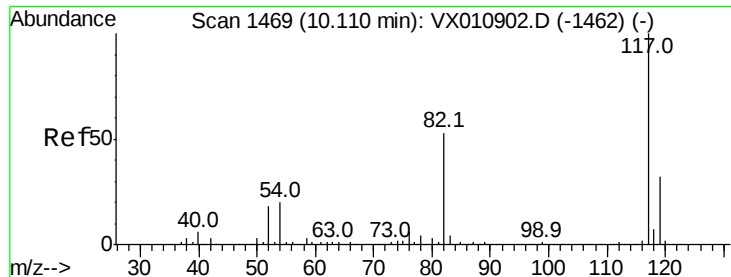
Tot Ion: 98 Resp: 433029
Ion Ratio Lower Upper
98 100
100 64.5 50.6 75.8



#62
4-Bromofluorobenzene
Concen: 49.114 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011029.D
Acq: 22 Jul 2019 14:39

Tgt Ion: 95 Resp: 156329
Ion Ratio Lower Upper
95 100
174 90.9 0.0 180.6
176 87.3 0.0 173.8

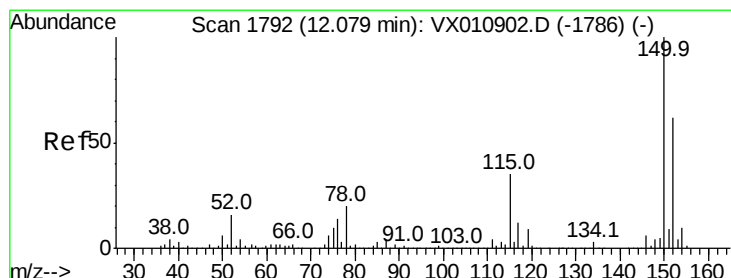
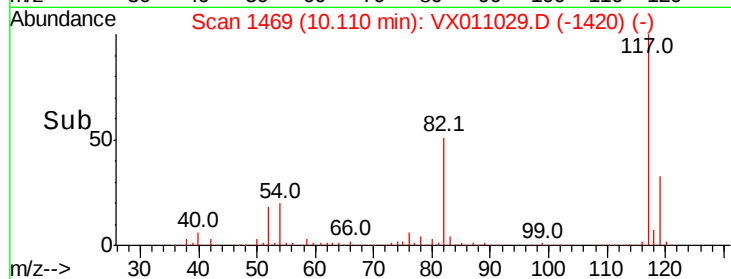
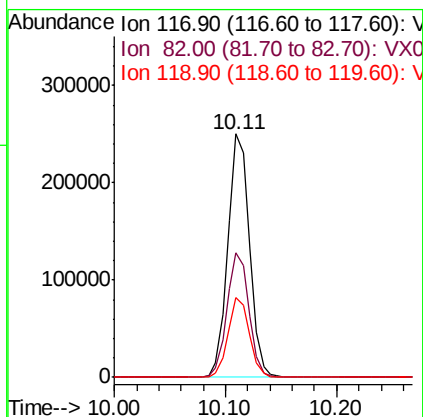
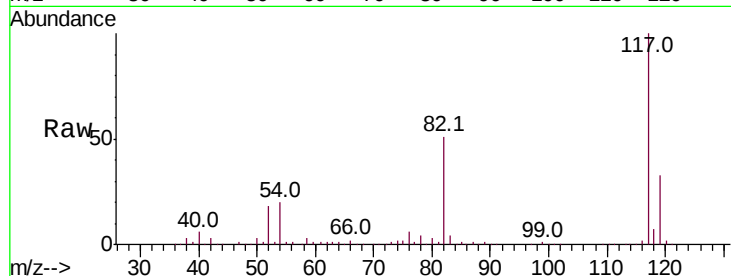




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011029.D
Acq: 22 Jul 2019 14:39

Instrument :
MSVOA_X
ClientSampleId :
TB071719

Tot Ion:117 Resp: 337023
Ion Ratio Lower Upper
117 100
82 51.4 42.6 63.8
119 32.7 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX011029.D
Acq: 22 Jul 2019 14:39

Tgt Ion:152 Resp: 159084
Ion Ratio Lower Upper
152 100
115 57.1 39.7 119.1
150 157.6 0.0 345.6

