

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102218\
 Data File : VX005479.D
 Acq On : 22 Oct 2018 19:13
 Operator : JC/MD
 Sample : J5604-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MS-VB-29736-BOX-2

Quant Time: Oct 23 02:25:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

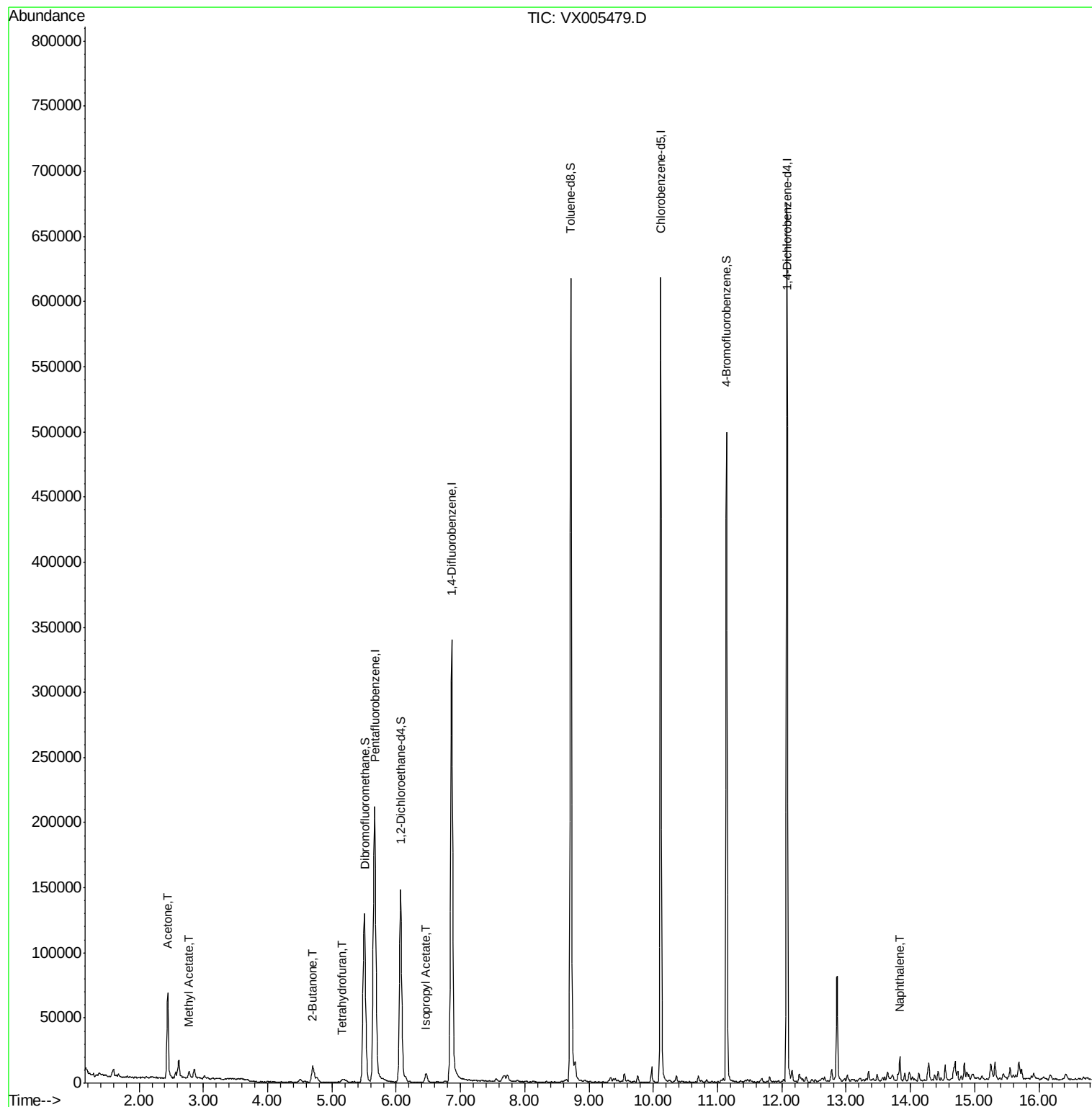
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	212566	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	329316	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	287803	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	139156	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	138781	58.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.66%	
35) Dibromofluoromethane	5.50	113	108380	49.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.38%	
50) Toluene-d8	8.71	98	387760	51.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.56%	
62) 4-Bromofluorobenzene	11.14	95	126368	44.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.84%	
Target Compounds						
16) Acetone	2.45	43	69078	50.642	ug/l	93
18) Methyl Acetate	2.78	43	5959	1.536	ug/l	98
25) 2-Butanone	4.70	43	22075	11.061	ug/l #	87
29) Tetrahydrofuran	5.16	42	1863	1.463	ug/l #	80
43) Isopropyl Acetate	6.46	43	8944	1.637	ug/l	96
95) Naphthalene	13.83	128	10855	1.131	ug/l	96

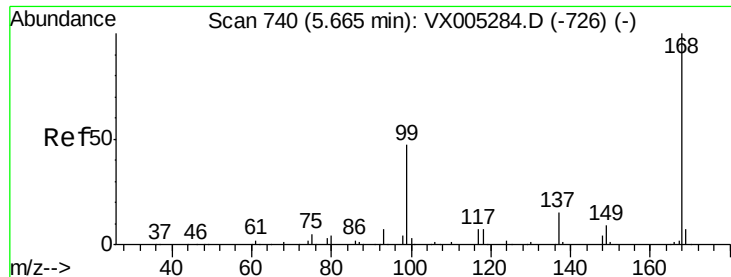
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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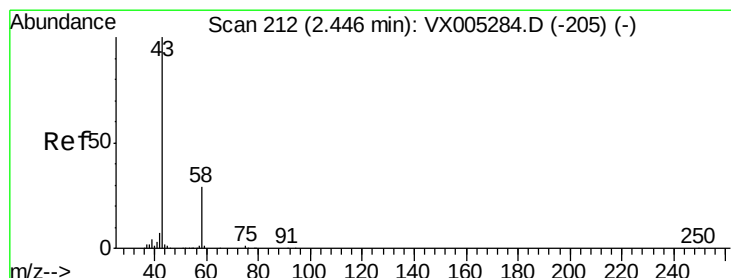
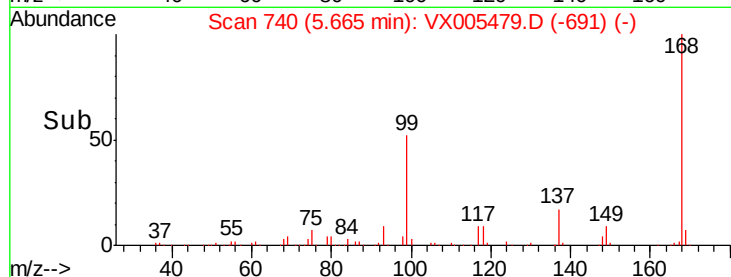
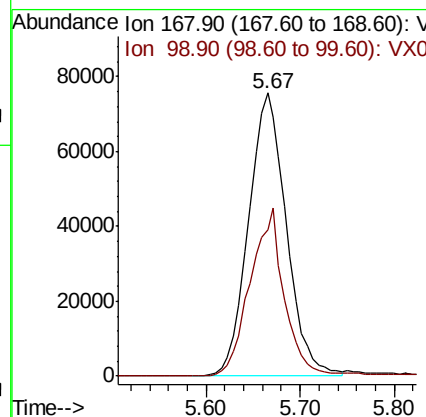
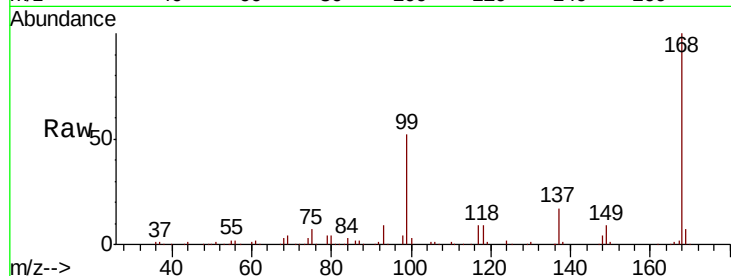




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.00 min
Lab File: VX005479.D
Acq: 22 Oct 2018 19:13

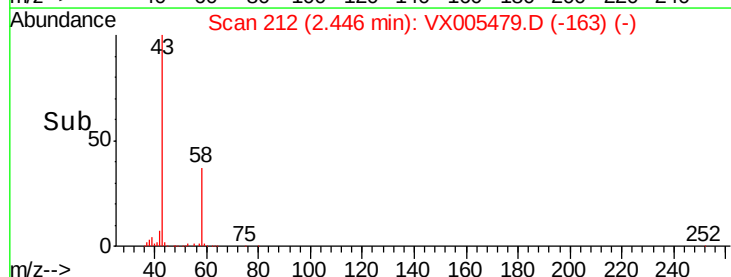
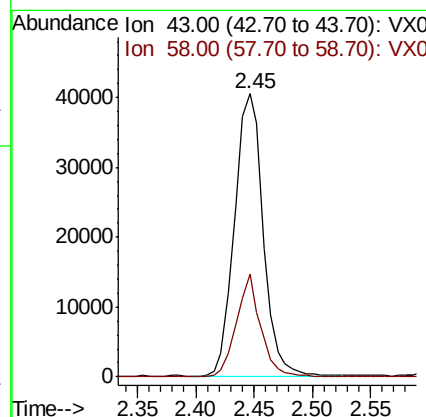
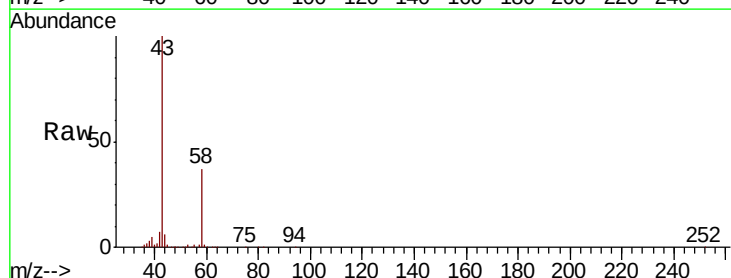
Instrument :
MSVOA_X
ClientSampleId :
MS-VB-29736-BOX-2

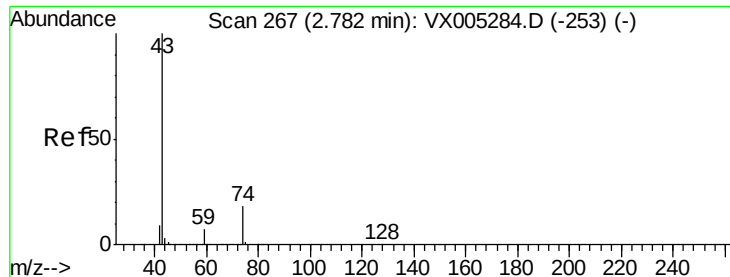
Tot Ion:168 Resp: 212566
Ion Ratio Lower Upper
168 100
99 51.6 39.9 59.9



#16
Acetone
Concen: 50.642 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX005479.D
Acq: 22 Oct 2018 19:13

Tgt Ion: 43 Resp: 69078
Ion Ratio Lower Upper
43 100
58 36.7 26.2 39.4

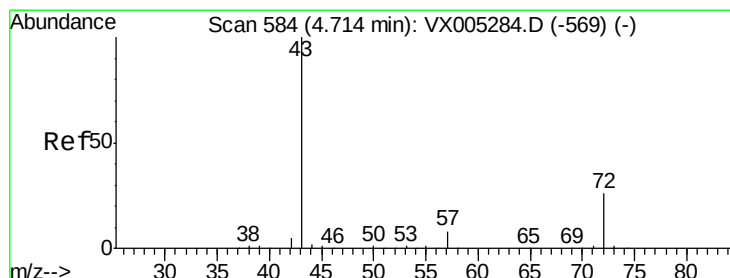
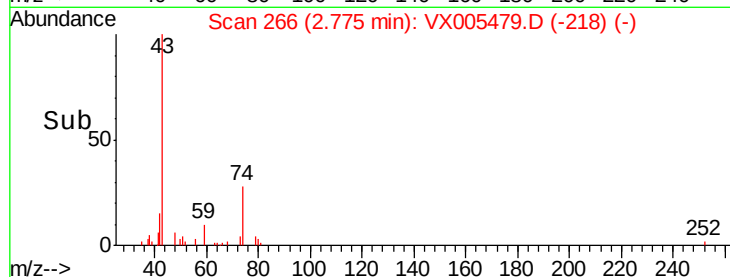
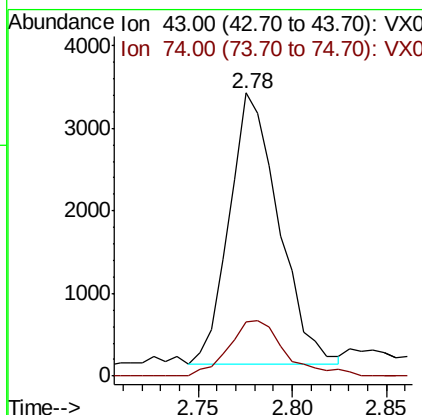
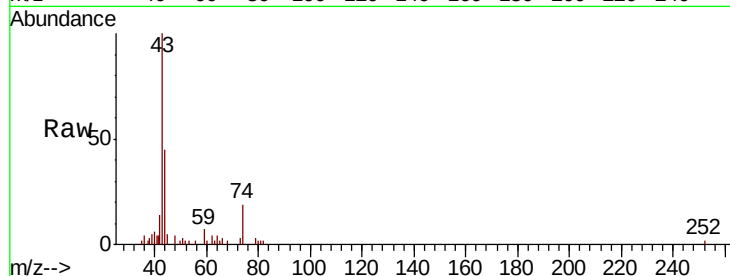




#18
Methvl Acetate
Concen: 1.536 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005479.D
Acq: 22 Oct 2018 19:13

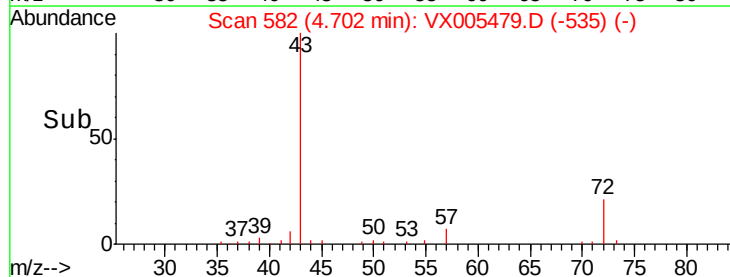
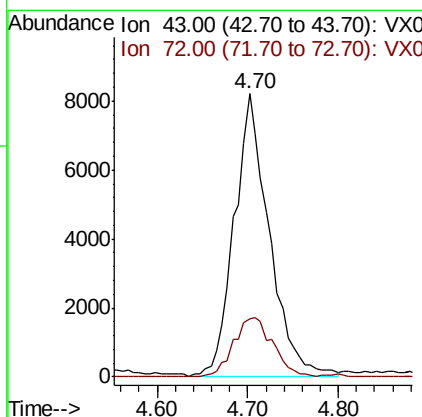
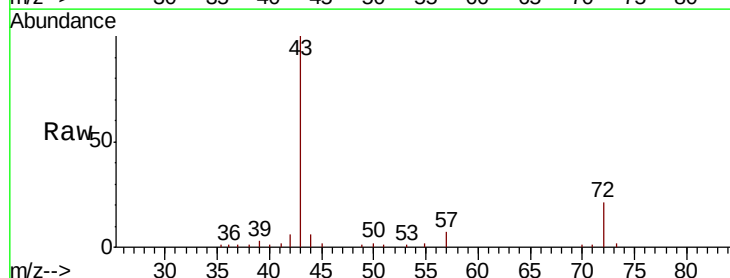
Instrument :
MSVOA_X
ClientSampleId :
MS-VB-29736-BOX-2

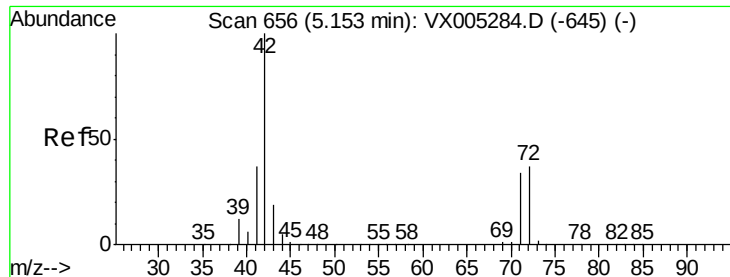
Tot Ion: 43 Resp: 5959
Ion Ratio Lower Upper
43 100
74 23.5 19.4 29.2



#25
2-Butanone
Concen: 11.061 ug/l
RT: 4.70 min Scan# 582
Delta R.T. -0.01 min
Lab File: VX005479.D
Acq: 22 Oct 2018 19:13

Tgt Ion: 43 Resp: 22075
Ion Ratio Lower Upper
43 100
72 20.6 22.0 33.0#





#29

Tetrahydrofuran

Concen: 1.463 ug/l

RT: 5.16 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX005479.D

Acq: 22 Oct 2018 19:13

Instrument :

MSVOA_X

ClientSampleId :

MS-VB-29736-BOX-2

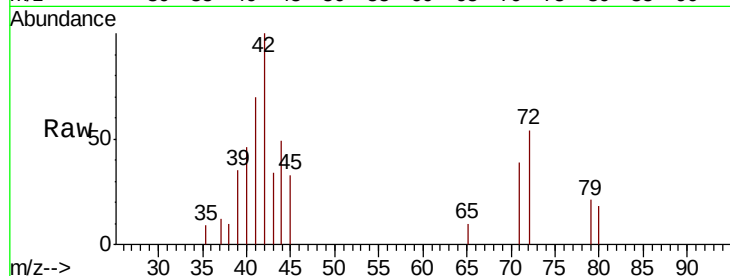
Tot Ion: 42 Resp: 1863

Ion Ratio Lower Upper

42 100

72 33.7 37.4 56.0#

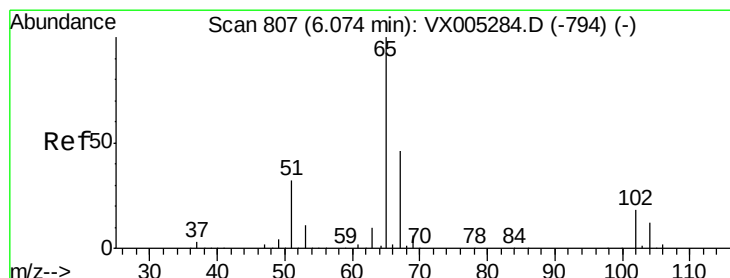
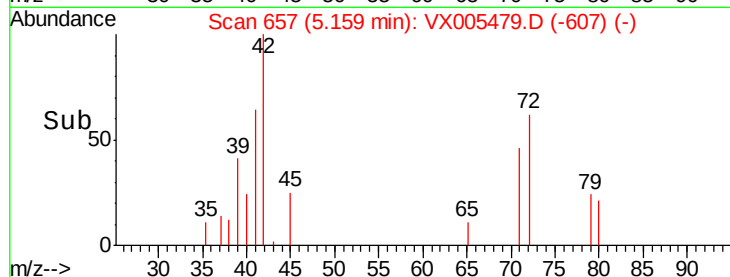
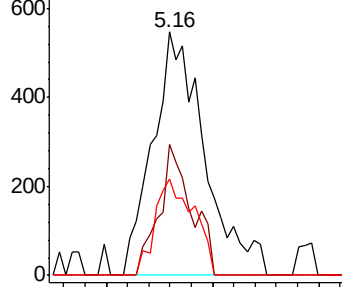
71 29.6 34.5 51.7#



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: 58.826 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX005479.D

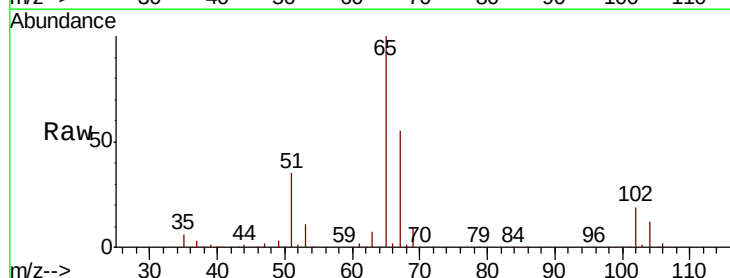
Acq: 22 Oct 2018 19:13

Tgt Ion: 65 Resp: 138781

Ion Ratio Lower Upper

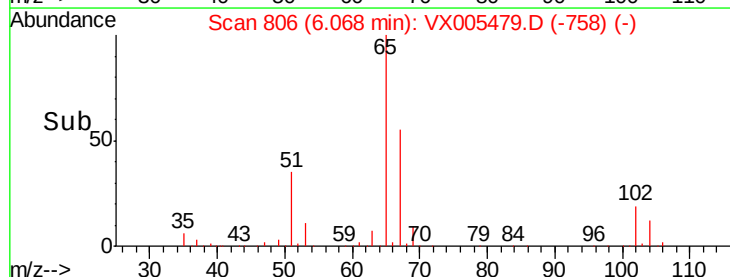
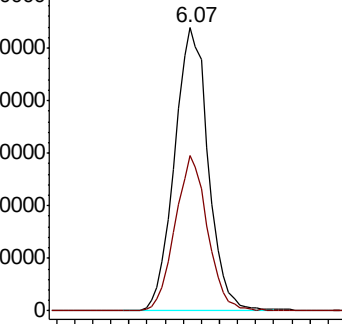
65 100

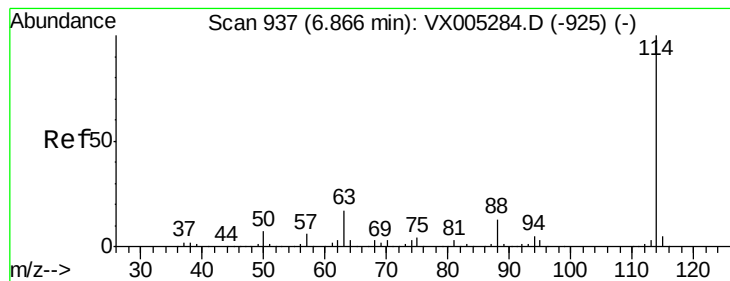
67 53.3 0.0 106.8



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: 6.87 min Scan# 937

Delta R.T. -0.00 min

Lab File: VX005479.D

Acq: 22 Oct 2018 19:13

Instrument :

MSVOA_X

ClientSampleId :

MS-VB-29736-BOX-2

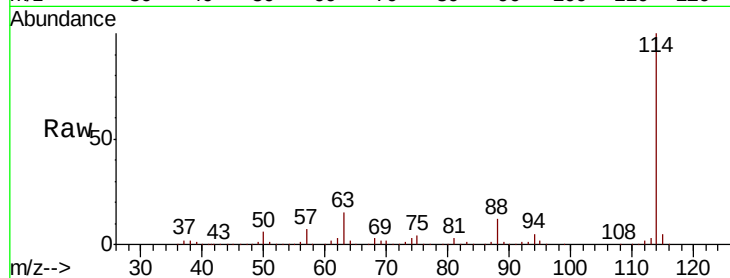
Tot Ion:114 Resp: 329316

Ion Ratio Lower Upper

114 100

63 15.4 0.0 39.0

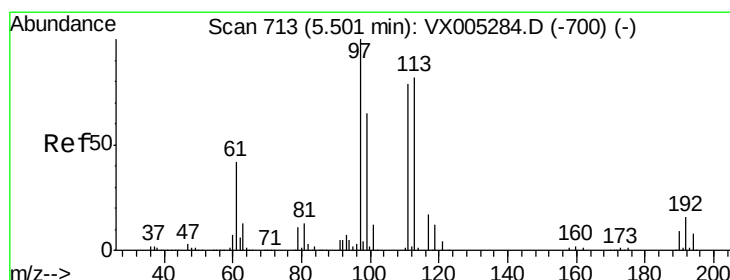
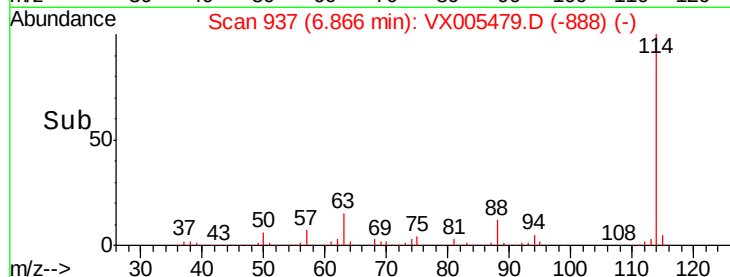
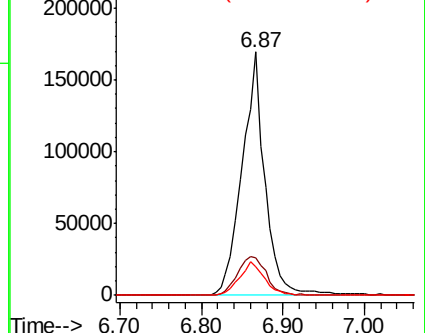
88 11.6 0.0 30.4



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: 49.690 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX005479.D

Acq: 22 Oct 2018 19:13

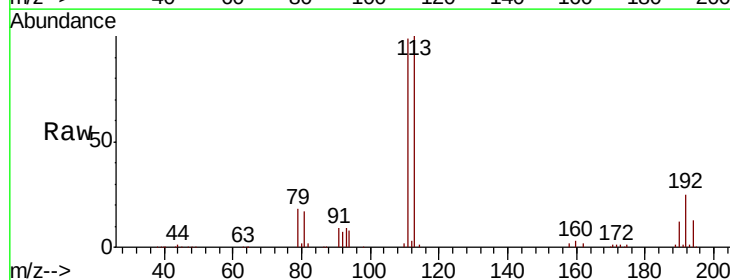
Tgt Ion:113 Resp: 108380

Ion Ratio Lower Upper

113 100

111 101.7 82.4 123.6

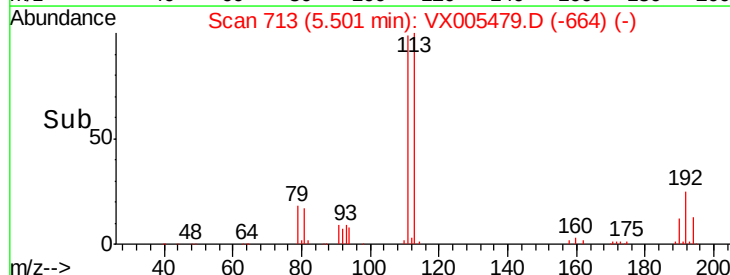
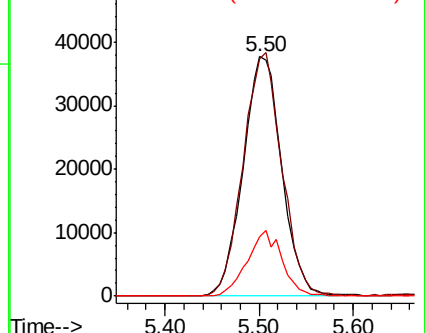
192 24.9 19.4 29.2

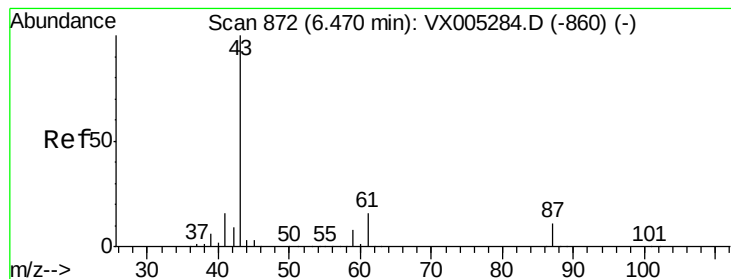


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 1.637 ug/l

RT: 6.46 min Scan# 871

Delta R.T. -0.01 min

Lab File: VX005479.D

Acq: 22 Oct 2018 19:13

Instrument :

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ClientSampleId :

MS-VB-29736-BOX-2

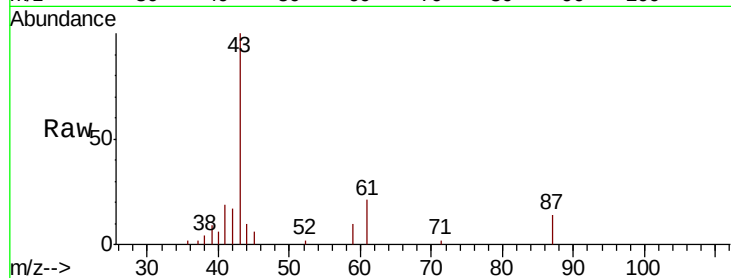
Tot Ion: 43 Resp: 8944

Ion Ratio Lower Upper

43 100

61 18.6 17.0 25.4

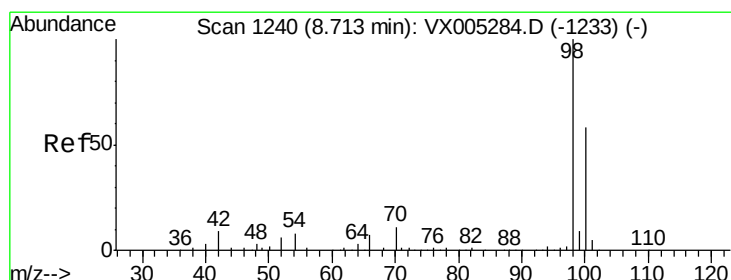
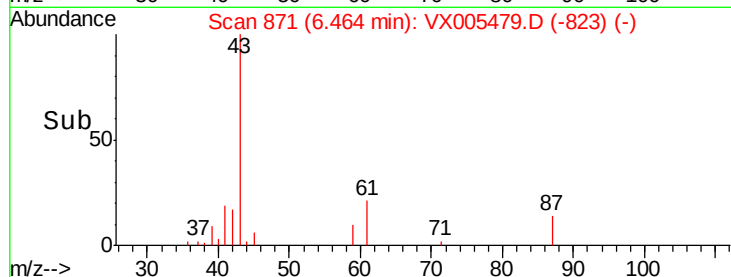
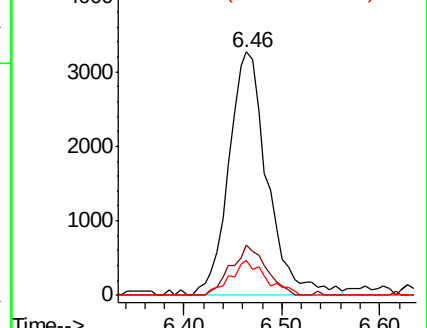
87 13.3 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#50

Toluene-d8

Concen: 51.784 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX005479.D

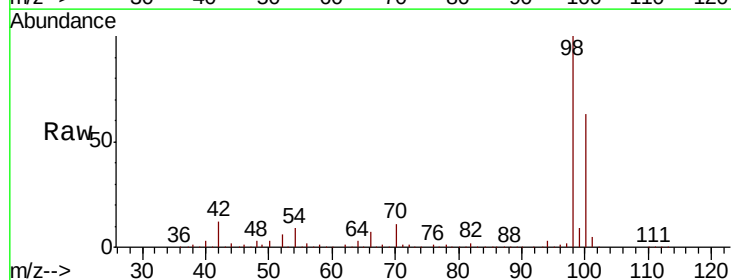
Acq: 22 Oct 2018 19:13

Tgt Ion: 98 Resp: 387760

Ion Ratio Lower Upper

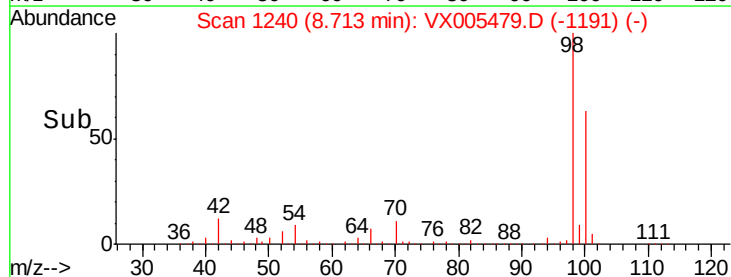
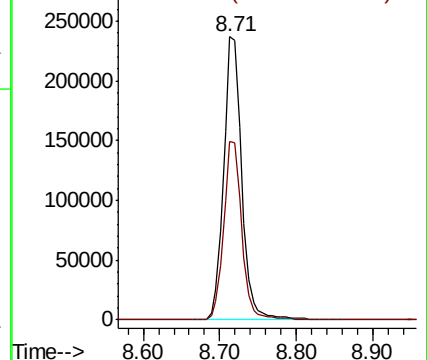
98 100

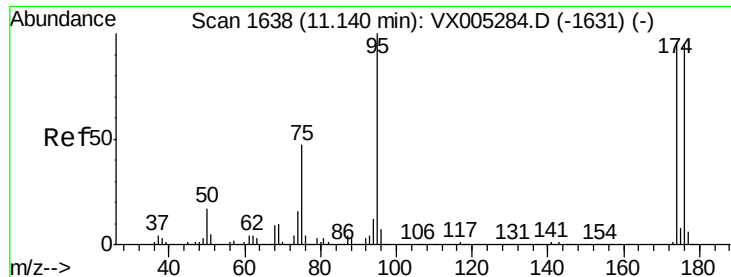
100 63.0 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

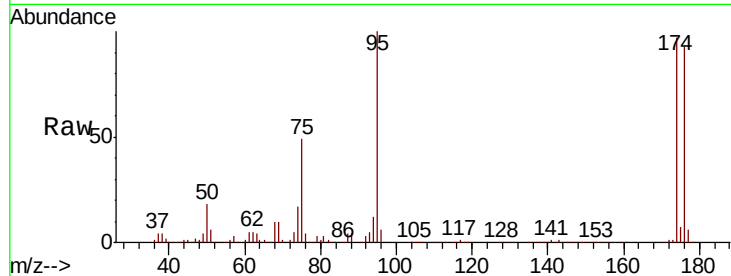




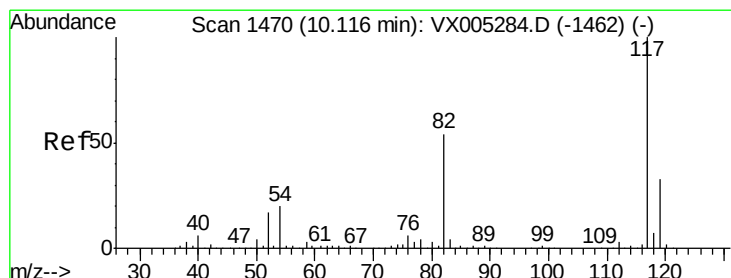
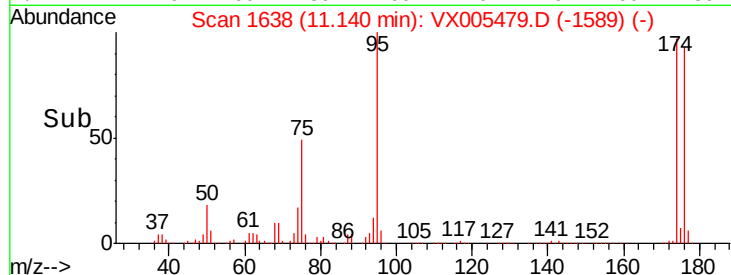
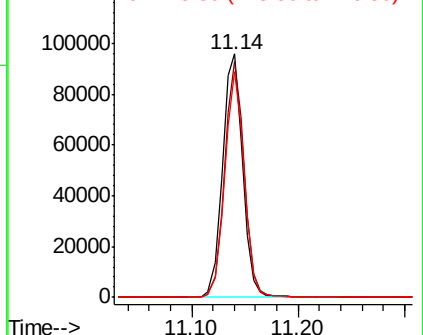
#62
 4-Bromofluorobenzene
 Concen: 44.923 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. -0.00 min
 Lab File: VX005479.D
 Acq: 22 Oct 2018 19:13

Instrument :
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 MS-VB-29736-BOX-2

Tot Ion: 95 Resp: 126368
 Ion Ratio Lower Upper
 95 100
 174 94.7 0.0 185.2
 176 90.1 0.0 178.6

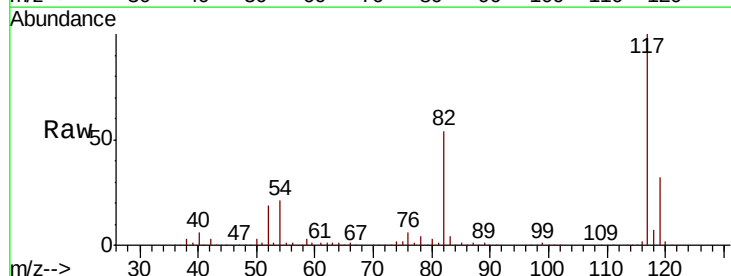


Abundance Ion 94.90 (94.60 to 95.60): VX0
 Ion 173.80 (173.50 to 174.50): V
 Ion 175.80 (175.50 to 176.50): V

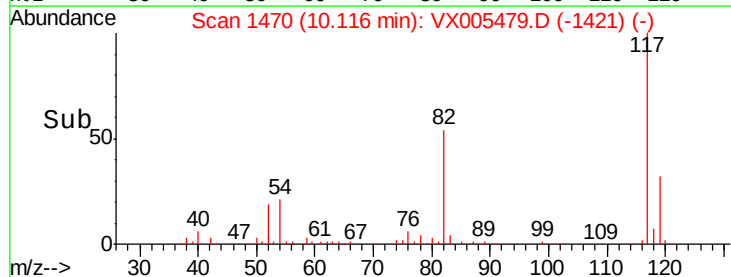
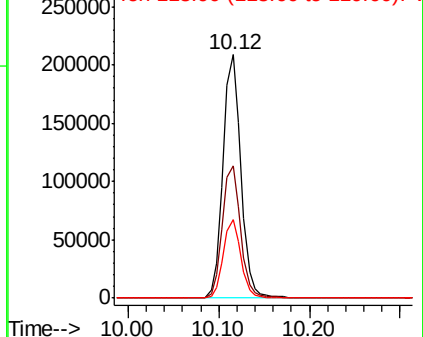


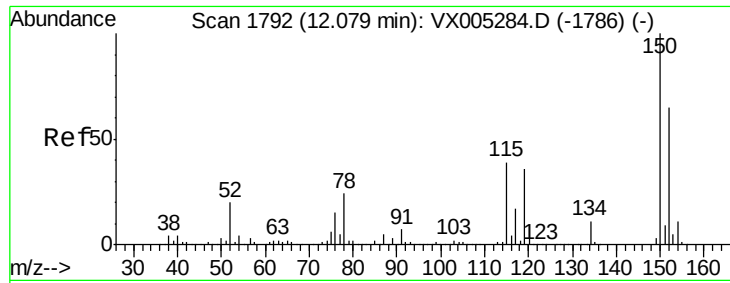
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.12 min Scan# 1470
 Delta R.T. 0.00 min
 Lab File: VX005479.D
 Acq: 22 Oct 2018 19:13

Tgt Ion: 117 Resp: 287803
 Ion Ratio Lower Upper
 117 100
 82 54.4 47.8 71.6
 119 32.3 29.3 43.9



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

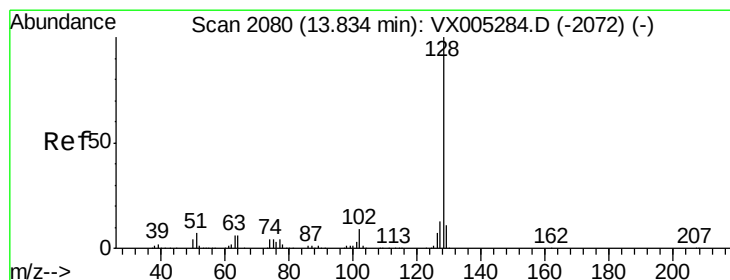
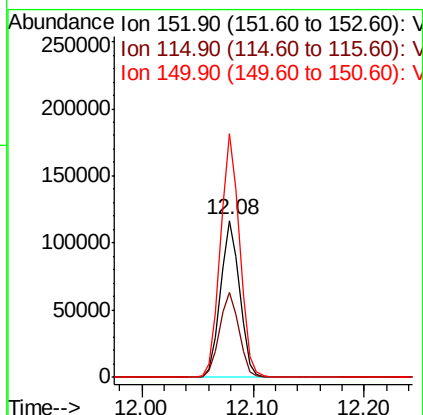
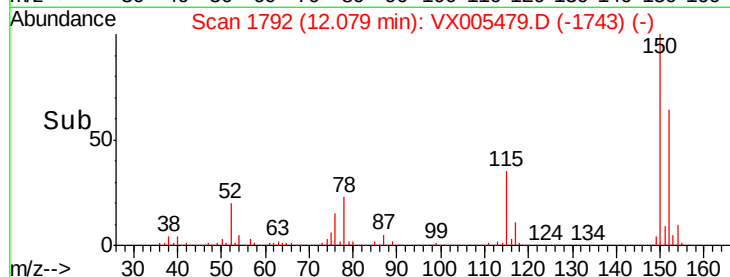
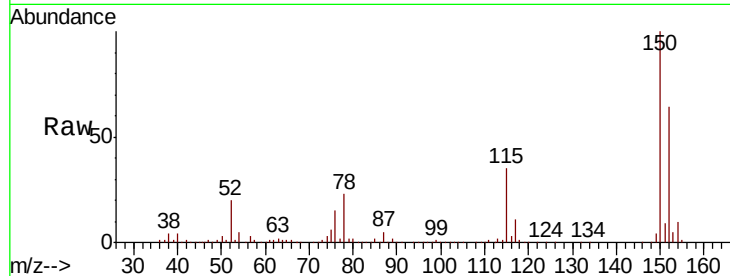




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX005479.D
 Acq: 22 Oct 2018 19:13

Instrument :
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 MS-VB-29736-BOX-2

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.1	39.0	117.0
150	155.8	0.0	351.0



#95
 Naphthalene
 Concen: 1.131 ug/l
 RT: 13.83 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX005479.D
 Acq: 22 Oct 2018 19:13

Tgt Ion	Ratio	Lower	Upper
128	100		
127	14.2	10.2	15.2
129	12.7	8.6	12.8

