

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100418\
 Data File : VX005011.D
 Acq On : 04 Oct 2018 10:54
 Operator : JC/MD
 Sample : PB113446ZHE#03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB113446ZHE#03

Quant Time: Oct 04 12:05:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

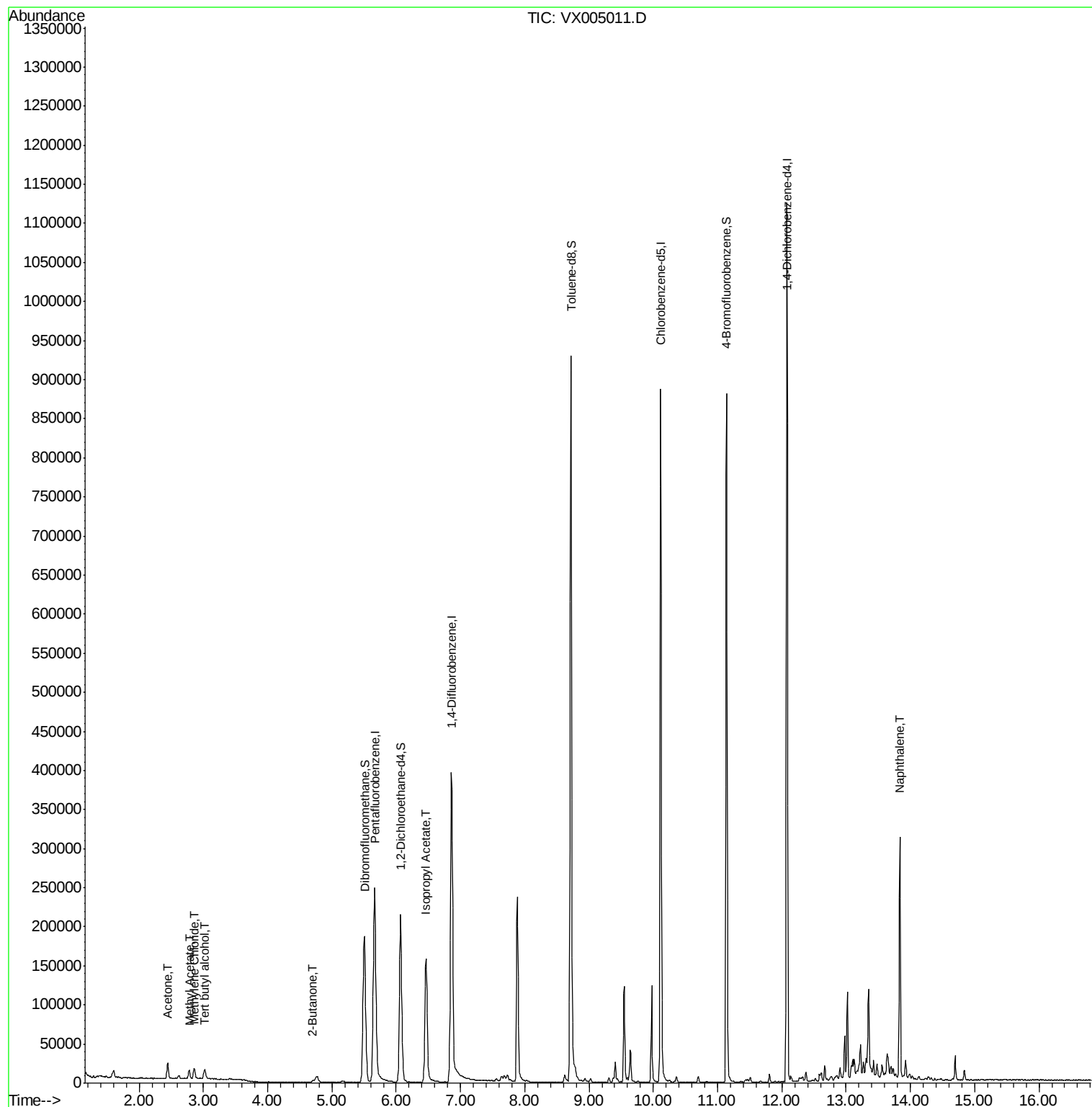
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	266279	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	434386	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	421262	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	238118	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	191756	50.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.82%	
35) Dibromofluoromethane	5.50	113	162566	44.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.32%	
50) Toluene-d8	8.72	98	613538	50.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.26%	
62) 4-Bromofluorobenzene	11.14	95	226313	51.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.66%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.03	59	7910	7.437	ug/l #	81
16) Acetone	2.45	43	21358	9.618	ug/l	100
18) Methyl Acetate	2.78	43	13454	2.391	ug/l	99
20) Methylene Chloride	2.85	84	6078	1.061	ug/l	96
25) 2-Butanone	4.70	43	4597	1.404	ug/l	92
43) Isopropyl Acetate	6.46	43	222808	23.153	ug/l	95
95) Naphthalene	13.83	128	186609	10.005	ug/l	100

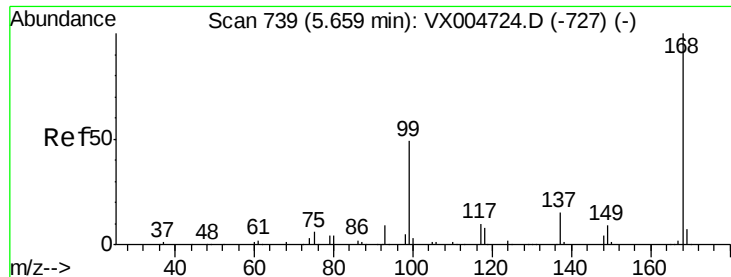
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 04 12:05:33 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005011.D

Acq: 04 Oct 2018 10:54

Instrument :

MSVOA_X

ClientSampleId :

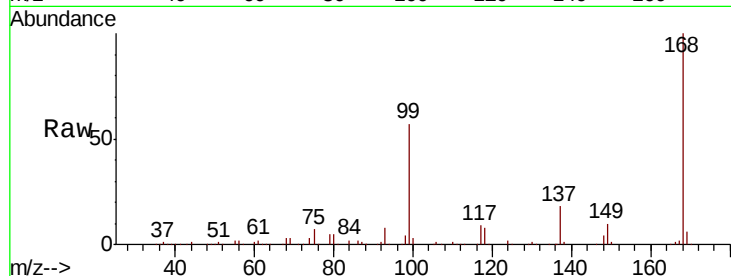
PB113446ZHE#03

Tot Ion:168 Resp: 266279

Ion Ratio Lower Upper

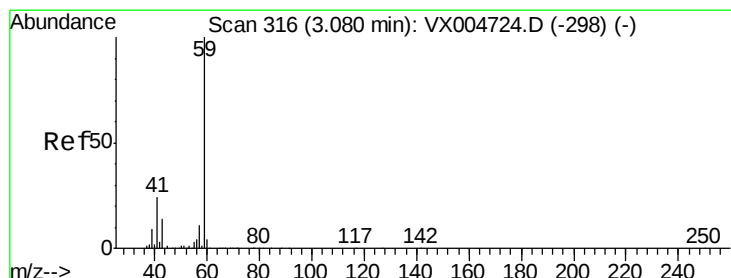
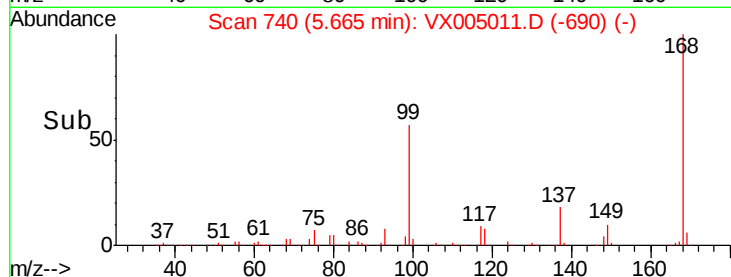
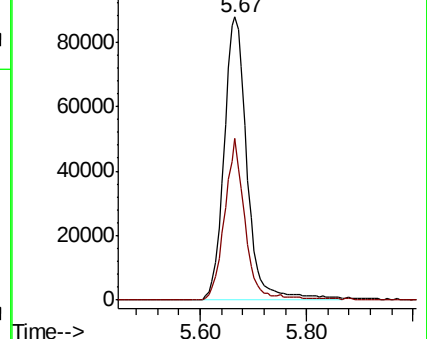
168 100

99 57.3 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#11

Tert butyl alcohol

Concen: 7.437 ug/l

RT: 3.03 min Scan# 307

Delta R.T. -0.05 min

Lab File: VX005011.D

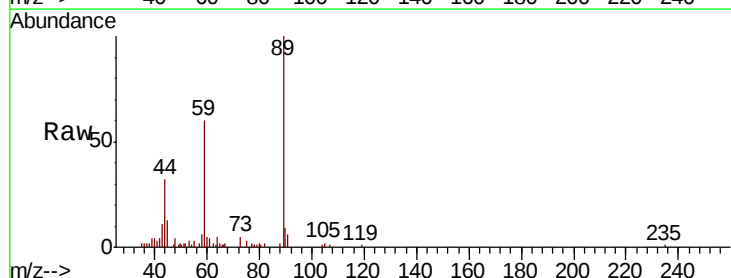
Acq: 04 Oct 2018 10:54

Tgt Ion: 59 Resp: 7910

Ion Ratio Lower Upper

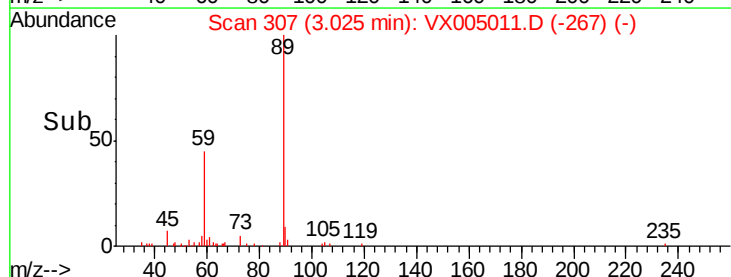
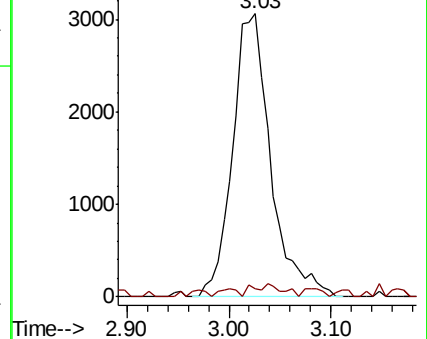
59 100

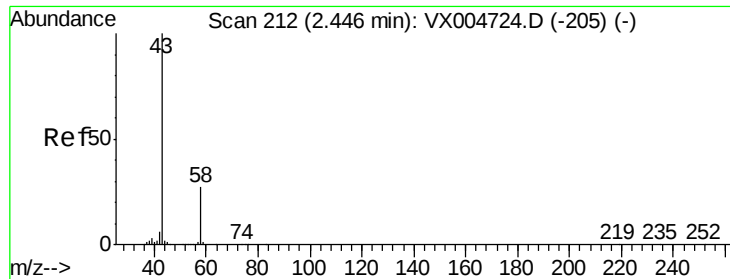
57 3.5 8.6 12.8#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

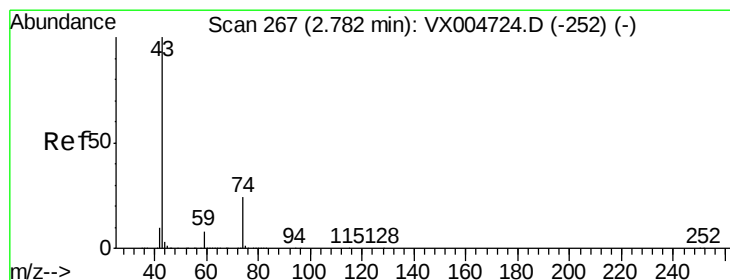
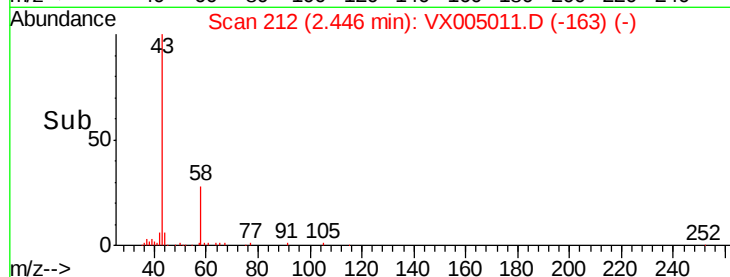
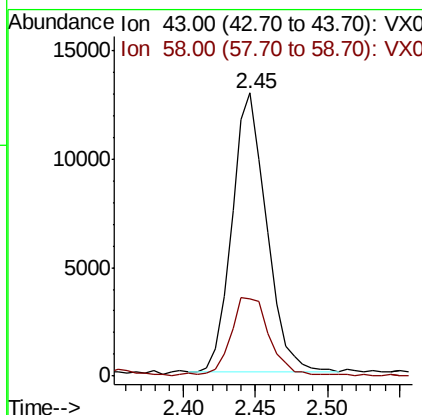
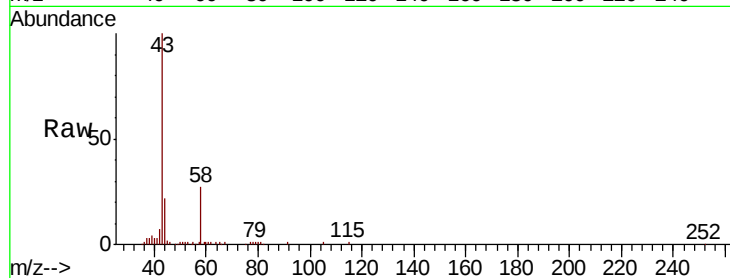




#16
Acetone
Concen: 9.618 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX005011.D
Acq: 04 Oct 2018 10:54

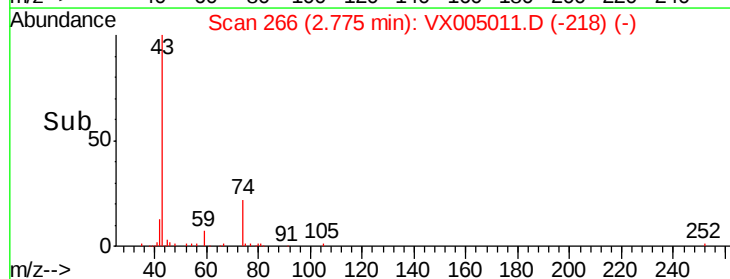
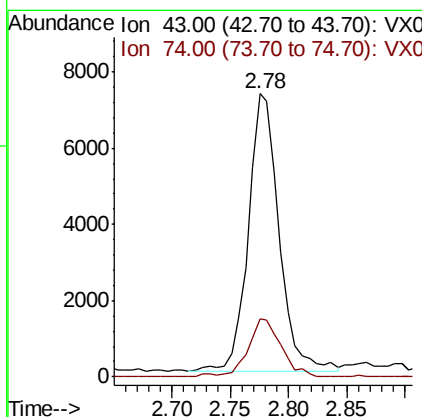
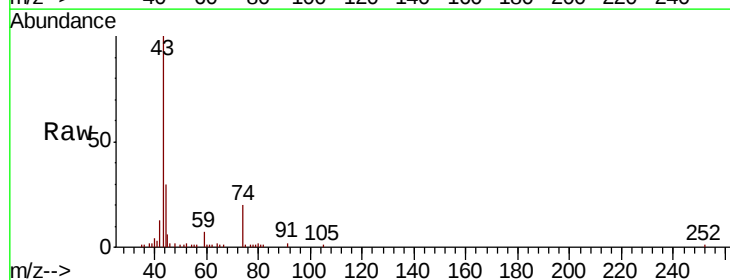
Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#03

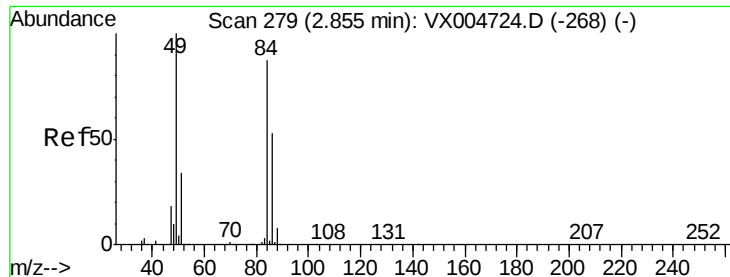
Tot Ion: 43 Resp: 21358
Ion Ratio Lower Upper
43 100
58 27.0 21.8 32.6



#18
Methyl Acetate
Concen: 2.391 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005011.D
Acq: 04 Oct 2018 10:54

Tgt Ion: 43 Resp: 13454
Ion Ratio Lower Upper
43 100
74 21.9 17.8 26.8

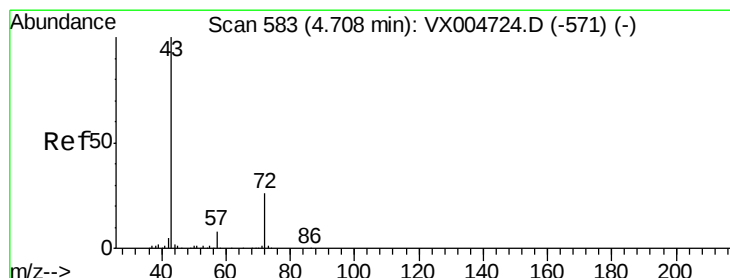
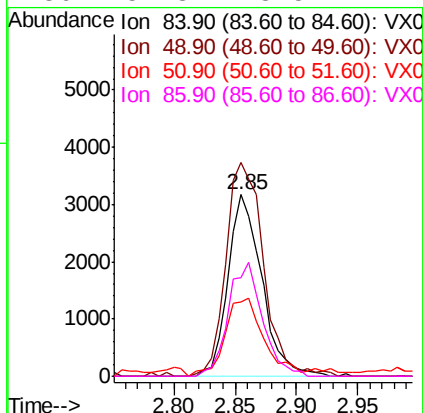
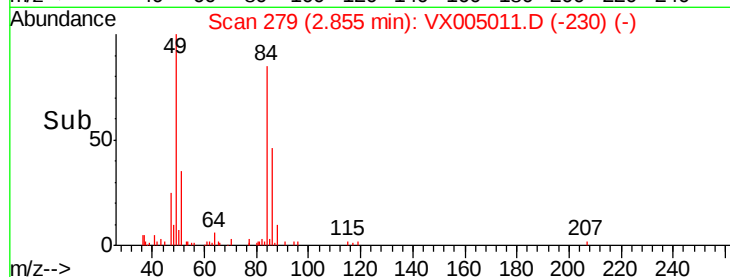
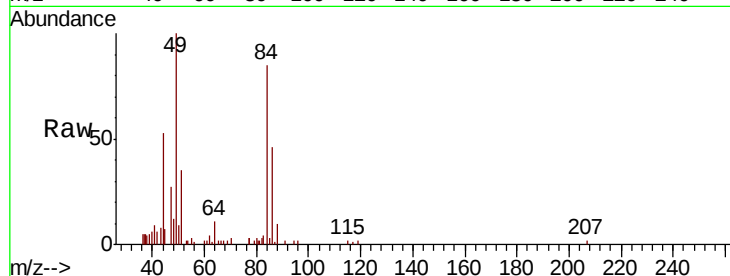




#20
Methvlene Chloride
Concen: 1.061 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX005011.D
Acq: 04 Oct 2018 10:54

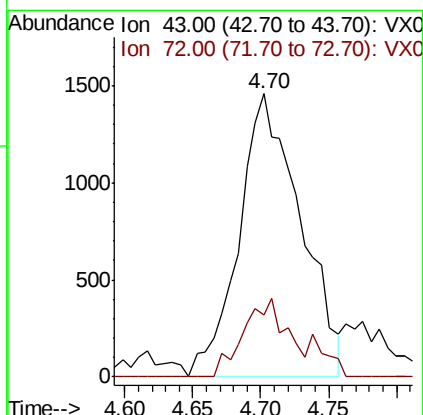
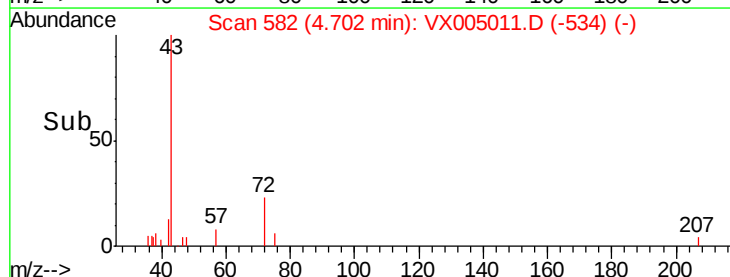
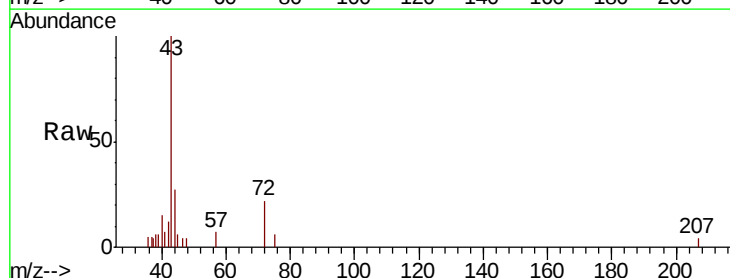
Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#03

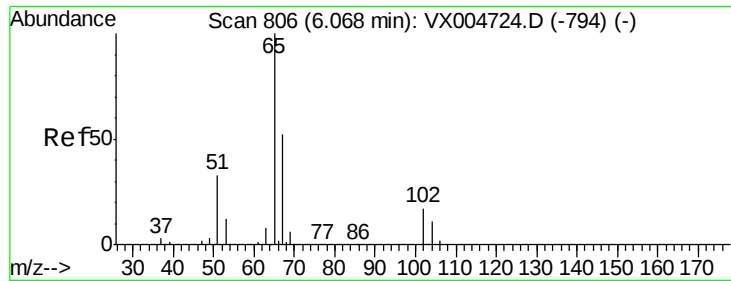
Tot Ion: 84 Resp: 6078
Ion Ratio Lower Upper
84 100
49 117.8 92.3 138.5
51 41.3 31.8 47.6
86 54.3 48.5 72.7



#25
2-Butanone
Concen: 1.404 ug/l
RT: 4.70 min Scan# 582
Delta R.T. -0.01 min
Lab File: VX005011.D
Acq: 04 Oct 2018 10:54

Tgt Ion: 43 Resp: 4597
Ion Ratio Lower Upper
43 100
72 21.7 20.8 31.2





#33

1,2-Dichloroethane-d4

Concen: 50.412 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX005011.D

Acq: 04 Oct 2018 10:54

Instrument :

MSVOA_X

ClientSampleId :

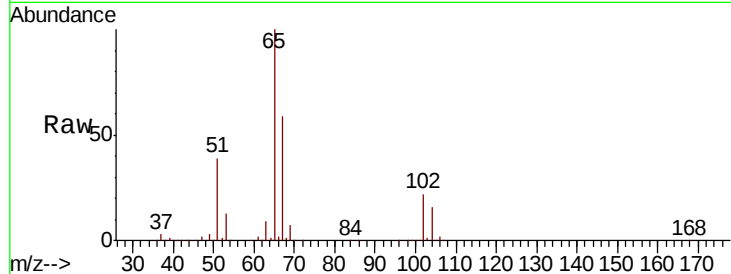
PB113446ZHE#03

Tot Ion: 65 Resp: 191756

Ion Ratio Lower Upper

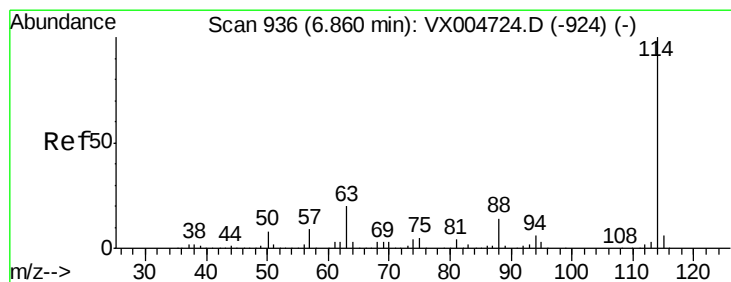
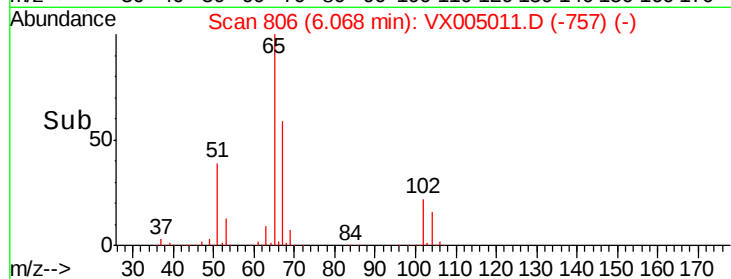
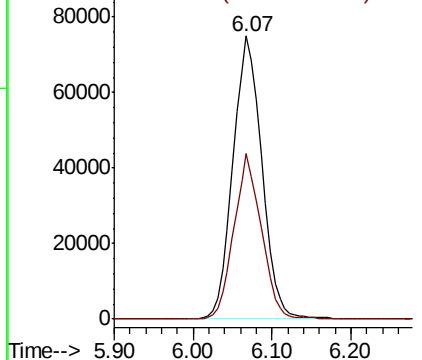
65 100

67 55.7 0.0 107.4



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: VX005011.D

Acq: 04 Oct 2018 10:54

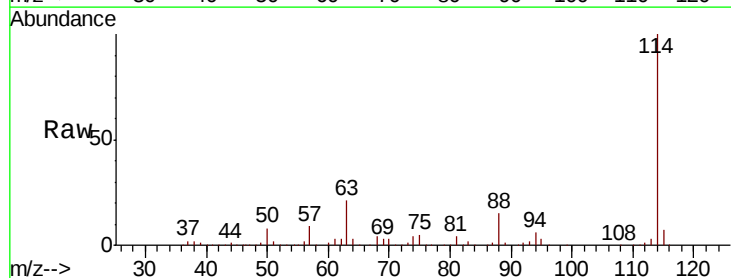
Tgt Ion: 114 Resp: 434386

Ion Ratio Lower Upper

114 100

63 20.5 0.0 39.8

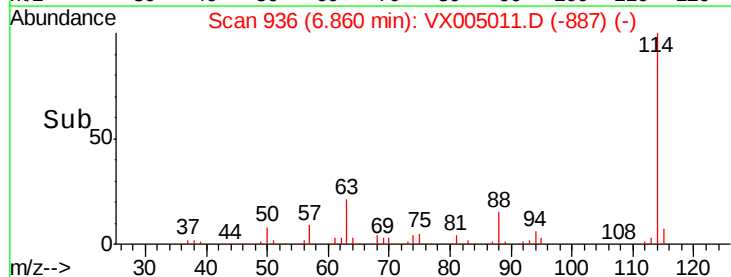
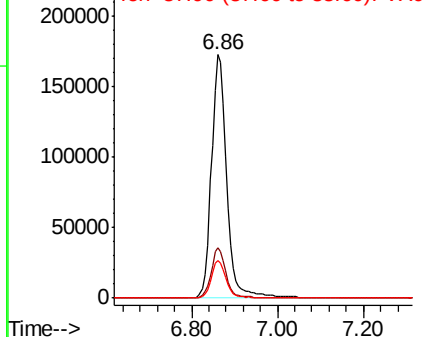
88 15.5 0.0 27.0

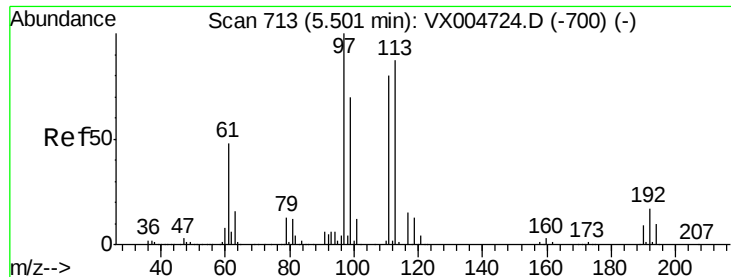


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 44.158 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX005011.D

Acq: 04 Oct 2018 10:54

Instrument :

MSVOA_X

ClientSampleId :

PB113446ZHE#03

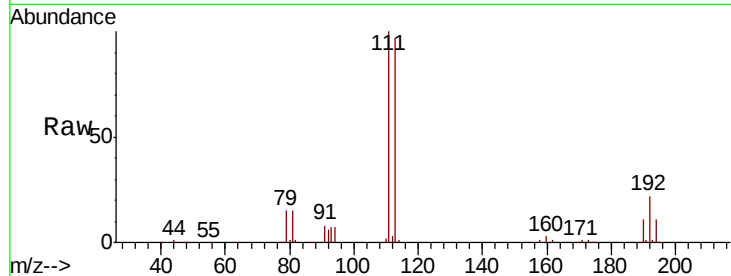
Tot Ion:113 Resp: 162566

Ion Ratio Lower Upper

113 100

111 102.6 77.0 115.4

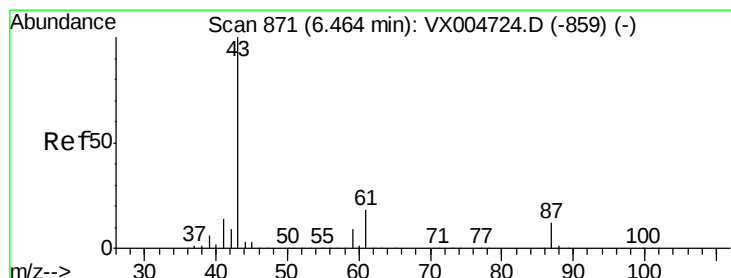
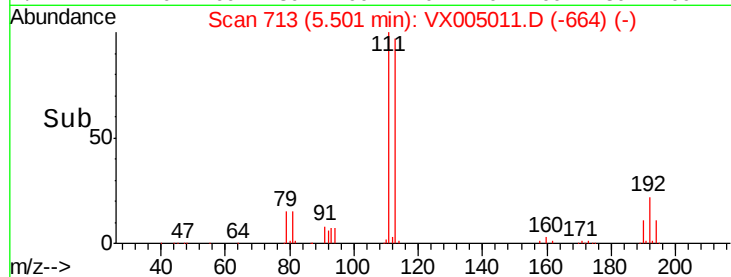
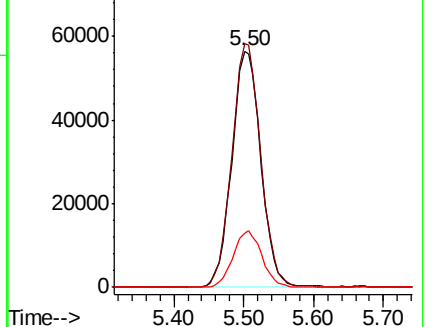
192 23.8 17.0 25.6



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



#43

Isopropyl Acetate

Concen: 23.153 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.00 min

Lab File: VX005011.D

Acq: 04 Oct 2018 10:54

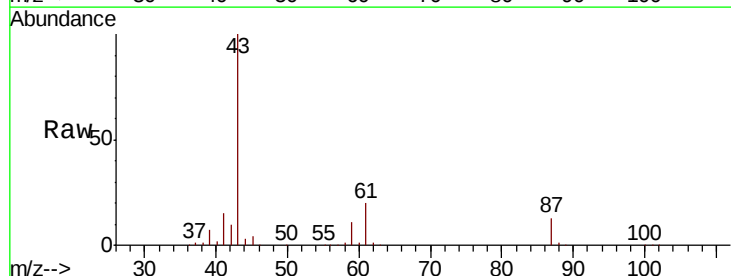
Tgt Ion: 43 Resp: 222808

Ion Ratio Lower Upper

43 100

61 20.2 14.2 21.4

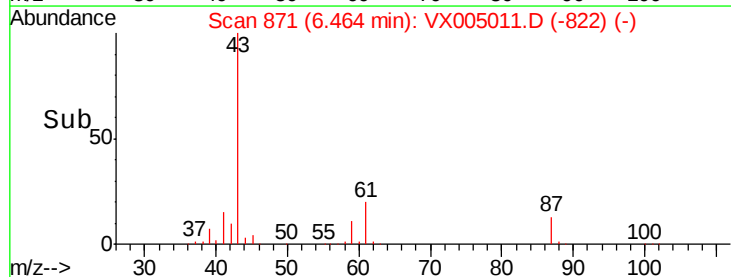
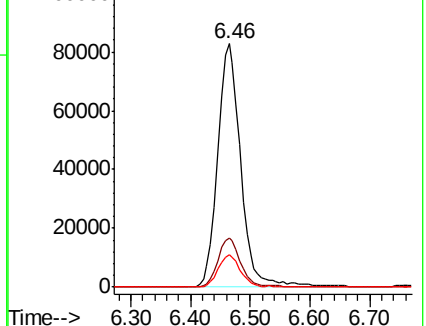
87 12.9 9.3 13.9

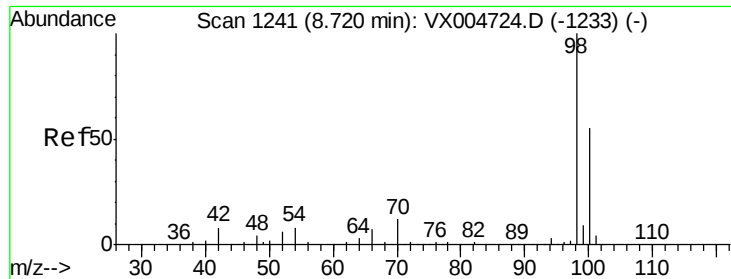


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

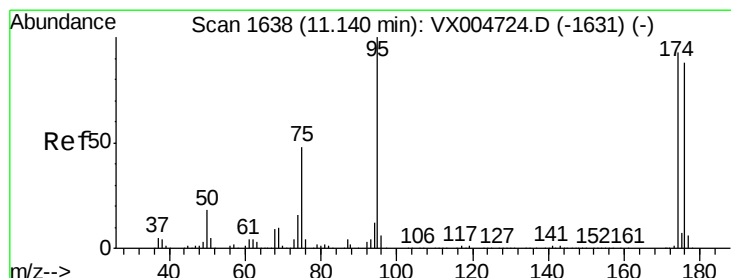
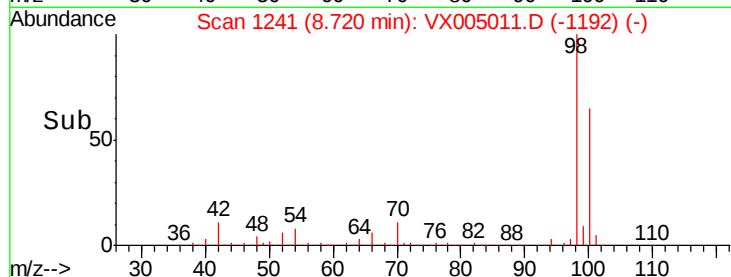
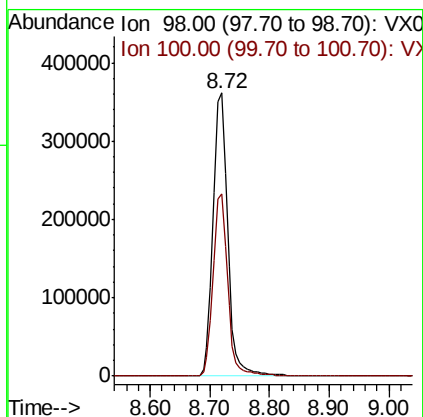
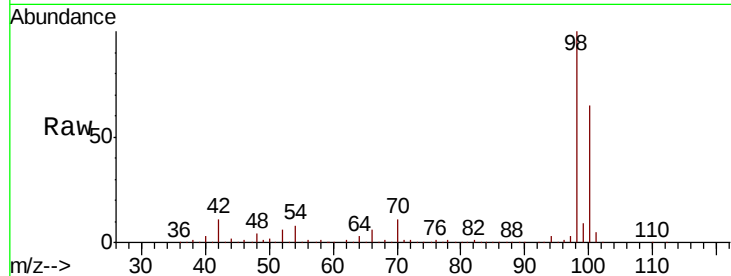




#50
Toluene-d8
Concen: 50.130 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX005011.D
Acq: 04 Oct 2018 10:54

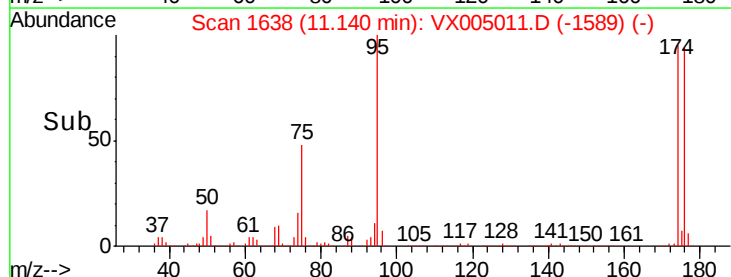
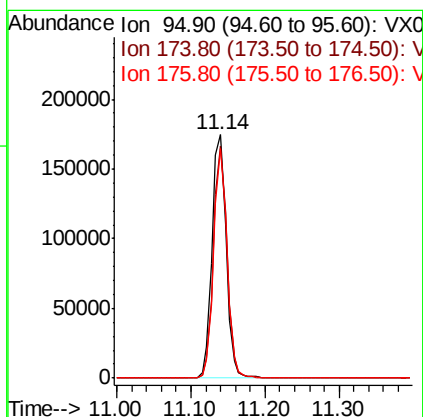
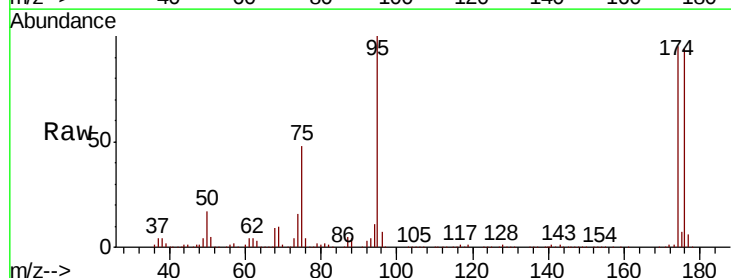
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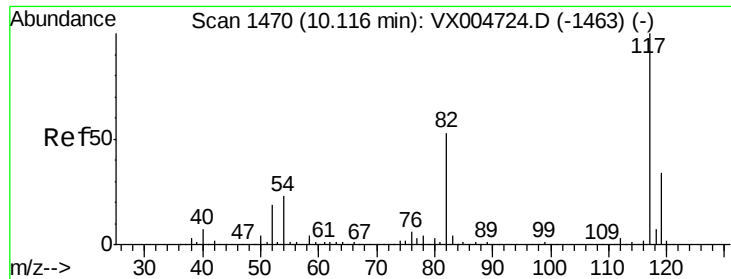
Tot Ion: 98 Resp: 613538
Ion Ratio Lower Upper
98 100
100 63.6 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 51.328 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005011.D
Acq: 04 Oct 2018 10:54

Tgt Ion: 95 Resp: 226313
Ion Ratio Lower Upper
95 100
174 92.4 0.0 185.0
176 89.5 0.0 180.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX005011.D

Acq: 04 Oct 2018 10:54

Instrument :

MSVOA_X

ClientSampleId :

PB113446ZHE#03

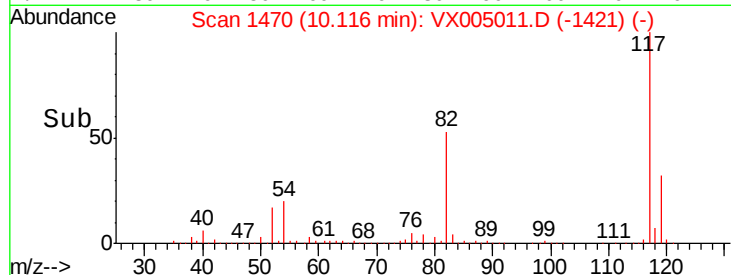
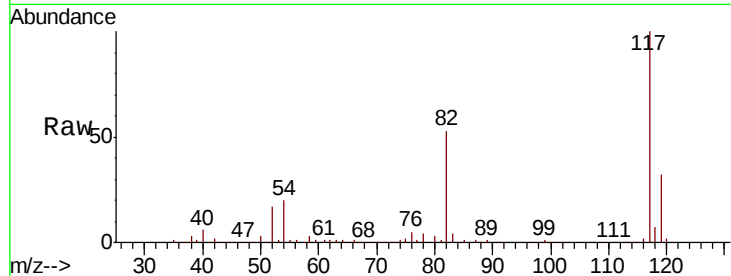
Tot Ion:117 Resp: 421262

Ion Ratio Lower Upper

117 100

82 53.4 42.2 63.4

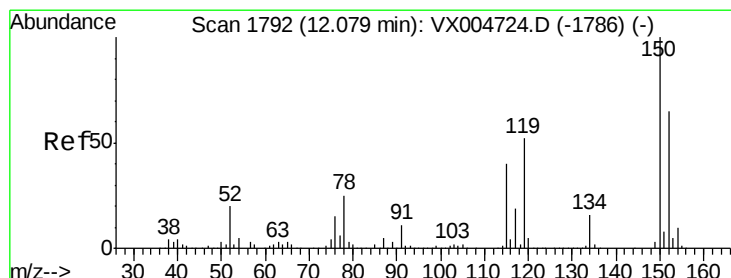
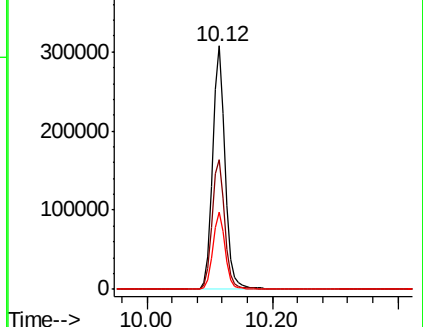
119 31.8 27.4 41.0



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: VX005011.D

Acq: 04 Oct 2018 10:54

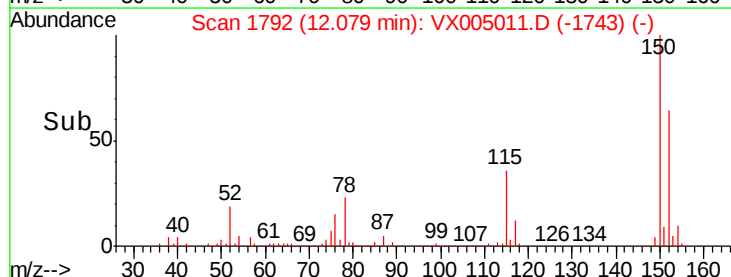
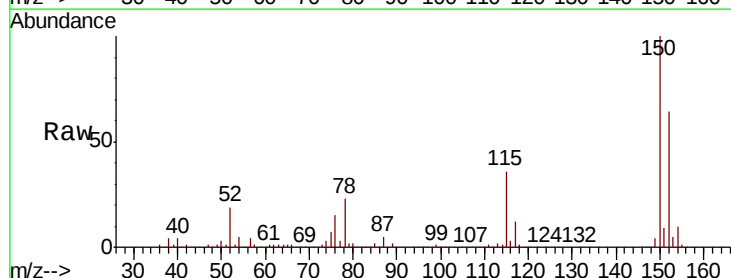
Tgt Ion:152 Resp: 238118

Ion Ratio Lower Upper

152 100

115 55.1 40.2 120.6

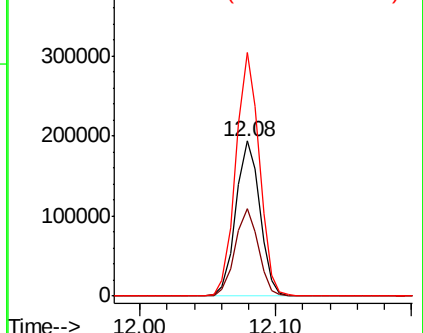
150 154.2 0.0 351.0

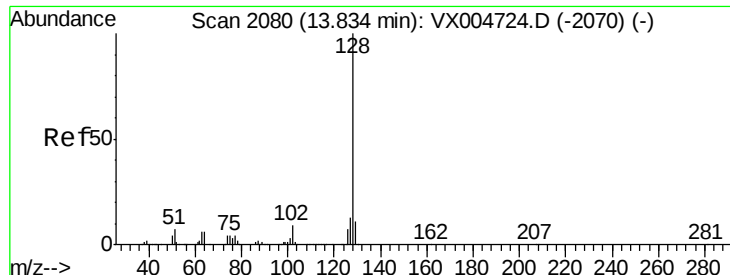


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#95
Naphthalene
Concen: 10.005 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX005011.D
Acq: 04 Oct 2018 10:54

Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#03

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	10.9	8.7	13.1

