

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062118\
 Data File : VX002811.D
 Acq On : 22 Jun 2018 02:14
 Operator : JC/MD
 Sample : PB110441ZHE#14
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB110441ZHE#14

Quant Time: Jun 22 05:46:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	226353	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	315201	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	294061	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	167252	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	154981	45.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.12%	
35) Dibromofluoromethane	5.51	113	122391	48.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.30%	
50) Toluene-d8	8.72	98	454025	47.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.06%	
62) 4-Bromofluorobenzene	11.14	95	156651	43.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.56%	

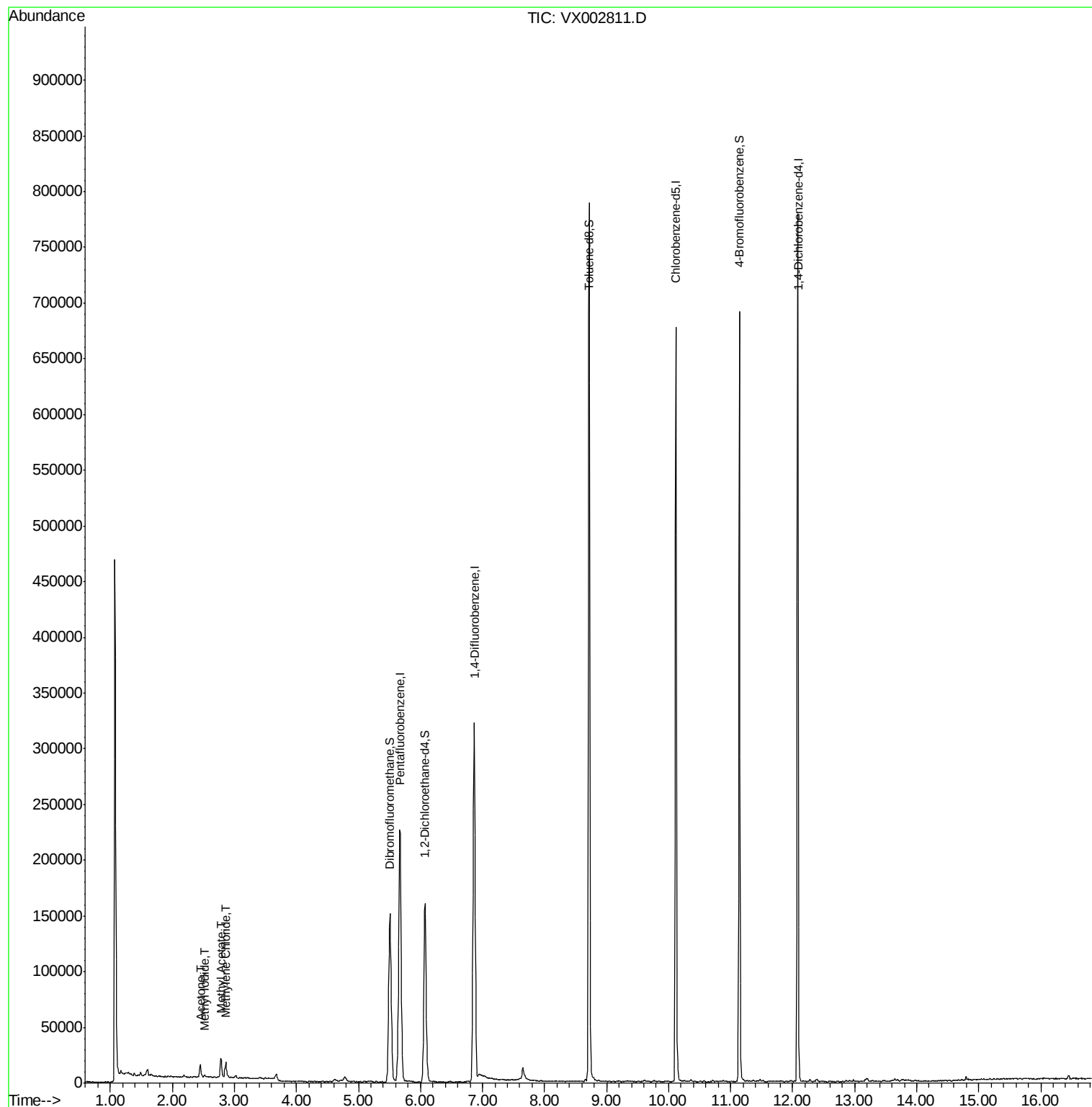
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	2.52	142	1700	5.60	ug/l	# 98
16) Acetone	2.45	43	12734	8.39	ug/l	95
18) Methyl Acetate	2.78	43	20849	5.16	ug/l	96
20) Methylene Chloride	2.85	84	6302	2.03	ug/l	92

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002811.D

Acq: 22 Jun 2018 02:14

Instrument :

MSVOA_X

ClientSampleId :

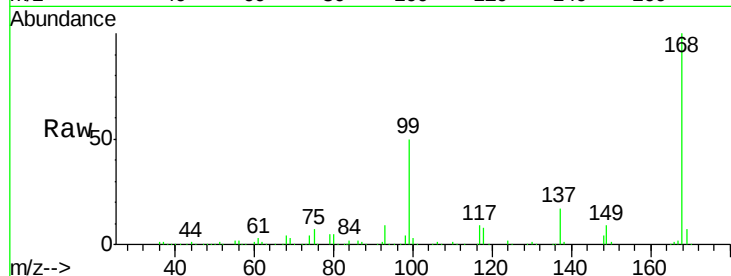
PB110441ZHE#14

Tot Ion:168 Resp: 226353

Ion Ratio Lower Upper

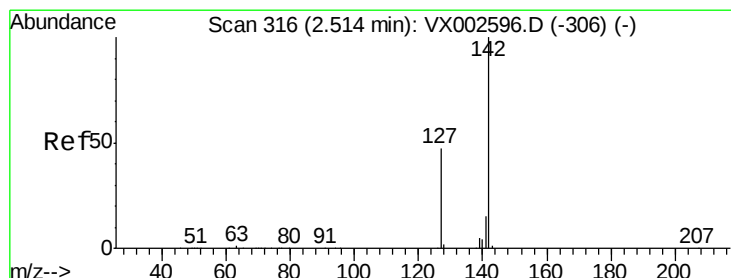
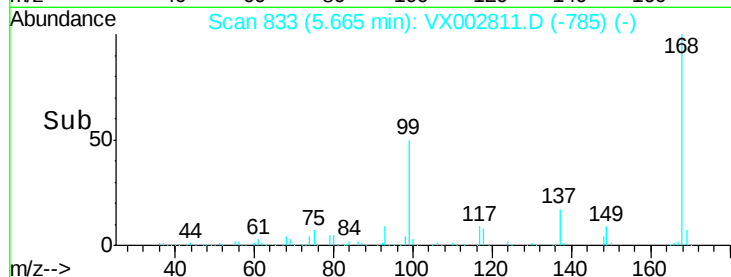
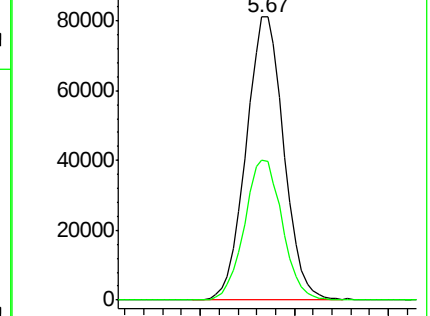
168 100

99 49.6 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#10

Methyl Iodide

Concen: 5.60 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX002811.D

Acq: 22 Jun 2018 02:14

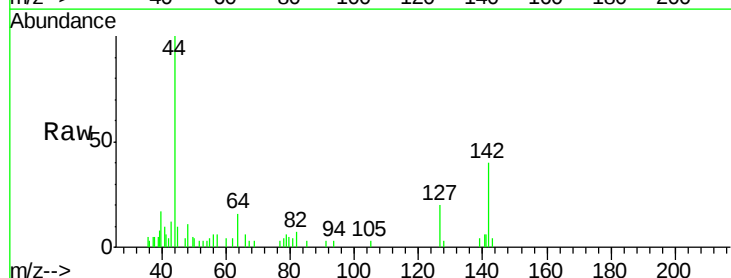
Tgt Ion:142 Resp: 1700

Ion Ratio Lower Upper

142 100

127 45.3 36.6 55.0

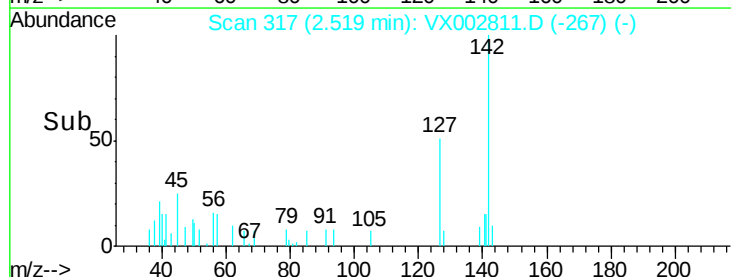
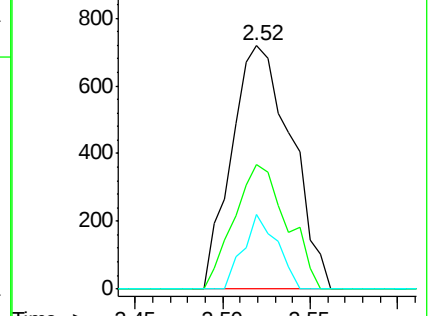
141 17.4 11.3 16.9#

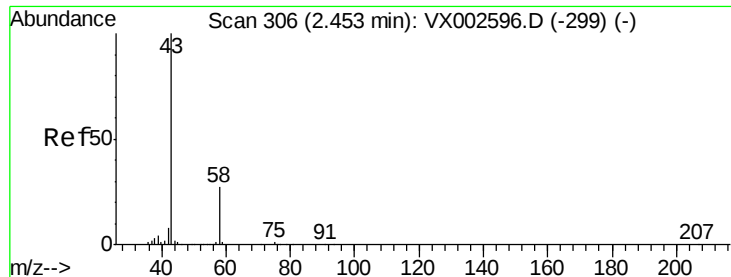


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#16

Acetone

Concen: 8.39 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002811.D

Acq: 22 Jun 2018 02:14

Instrument :

MSVOA_X

ClientSampleId :

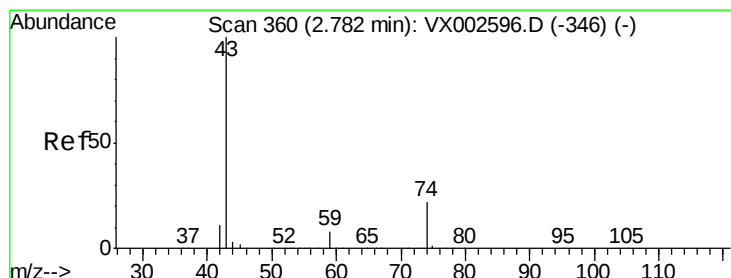
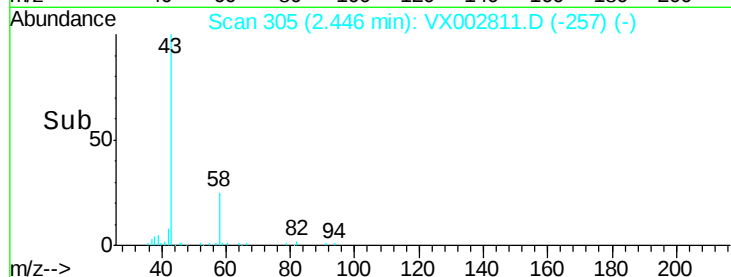
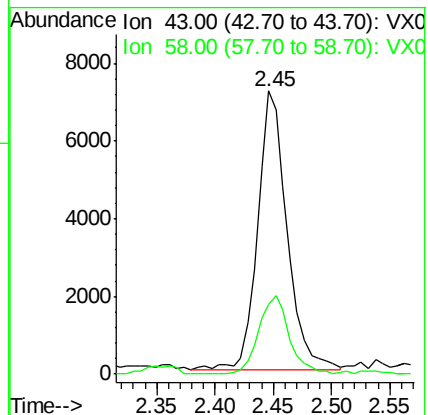
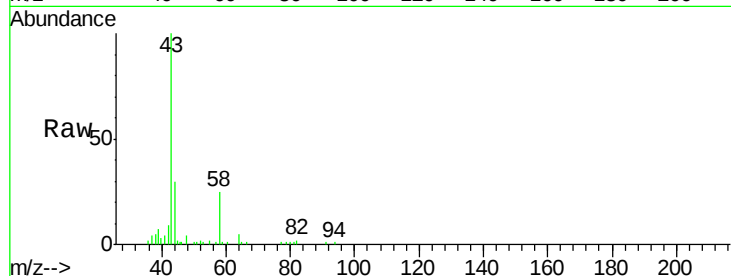
PB110441ZHE#14

Tot Ion: 43 Resp: 12734

Ion Ratio Lower Upper

43 100

58 25.0 22.1 33.1



#18

Methyl Acetate

Concen: 5.16 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX002811.D

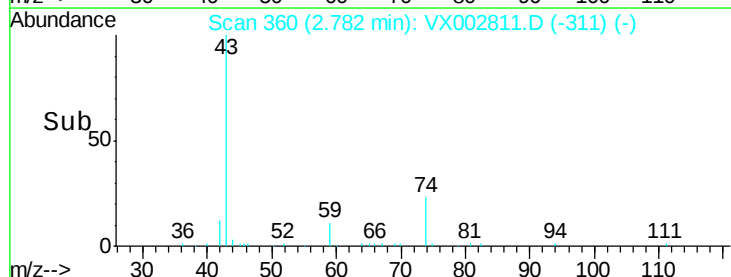
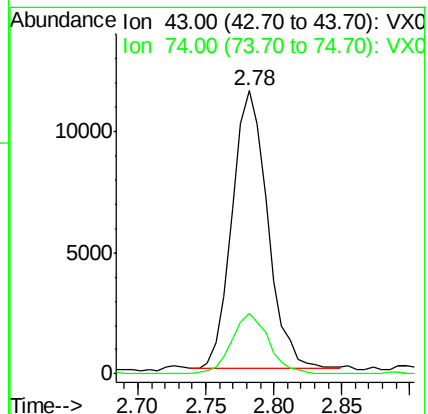
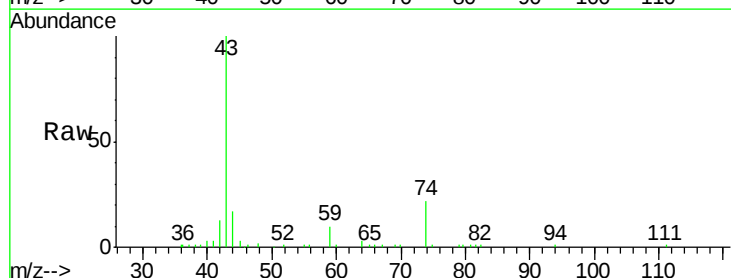
Acq: 22 Jun 2018 02:14

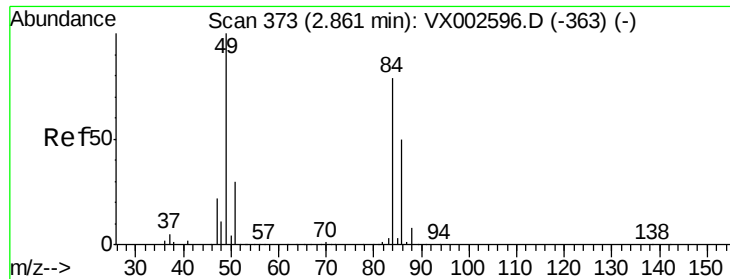
Tgt Ion: 43 Resp: 20849

Ion Ratio Lower Upper

43 100

74 22.8 16.7 25.1

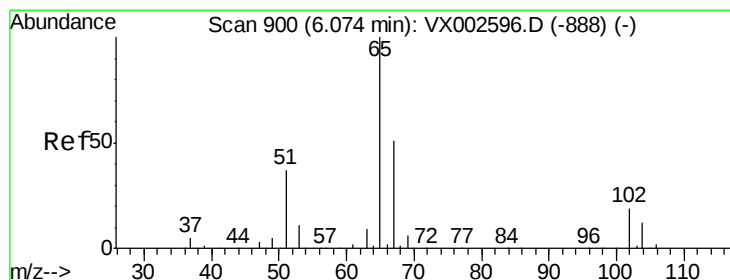
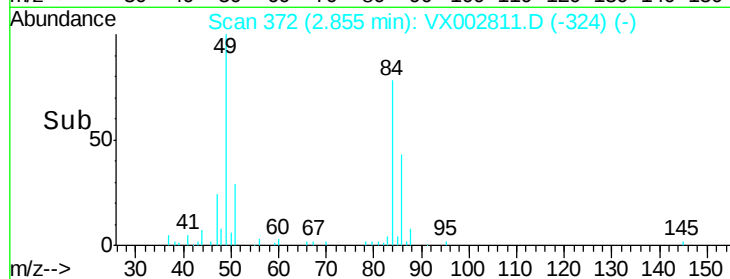
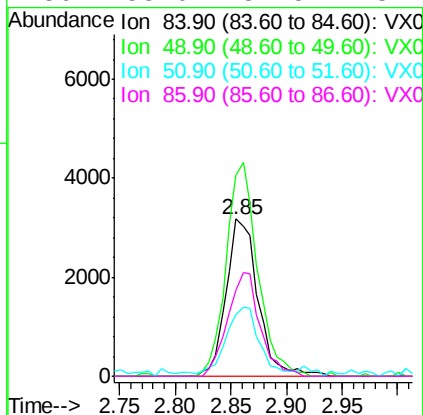
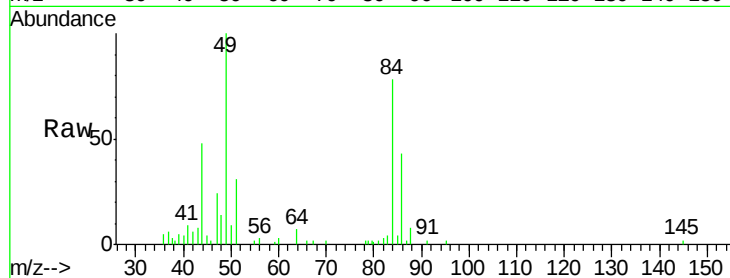




#20
Methvlene Chloride
Concen: 2.03 ug/l
RT: 2.85 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX002811.D
Acq: 22 Jun 2018 02:14

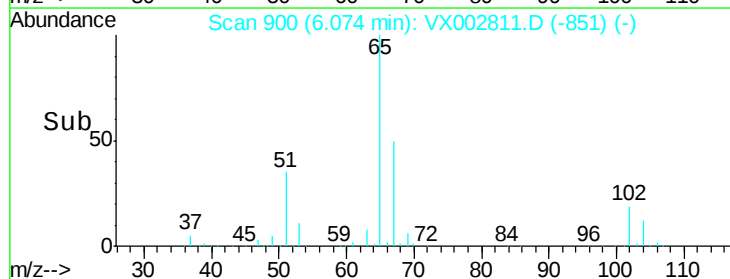
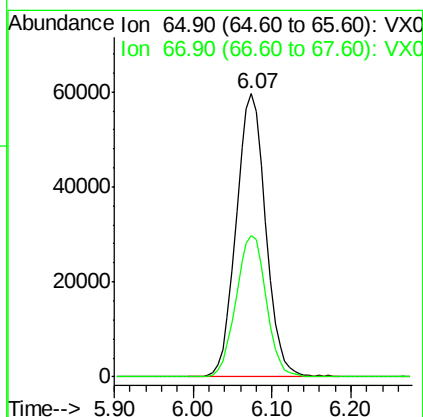
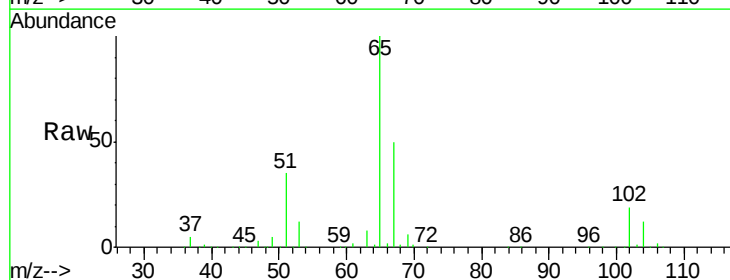
Instrument :
MSVOA_X
ClientSampleId :
PB110441ZHE#14

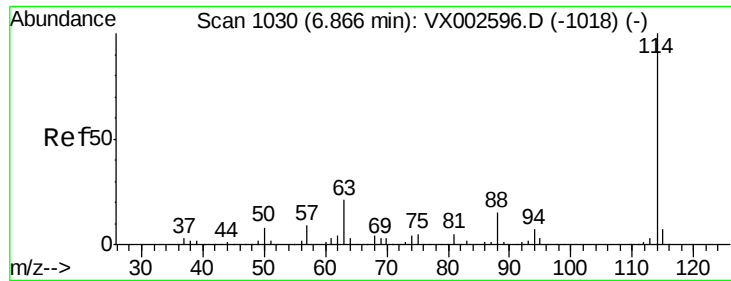
Tot Ion: 84 Resp: 6302
Ion Ratio Lower Upper
84 100
49 128.4 107.8 161.6
51 37.6 32.8 49.2
86 55.0 52.5 78.7



#33
1,2-Dichloroethane-d4
Concen: 45.06 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX002811.D
Acq: 22 Jun 2018 02:14

Tgt Ion: 65 Resp: 154981
Ion Ratio Lower Upper
65 100
67 51.3 0.0 102.6





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002811.D

Acq: 22 Jun 2018 02:14

Instrument :

MSVOA_X

ClientSampleId :

PB110441ZHE#14

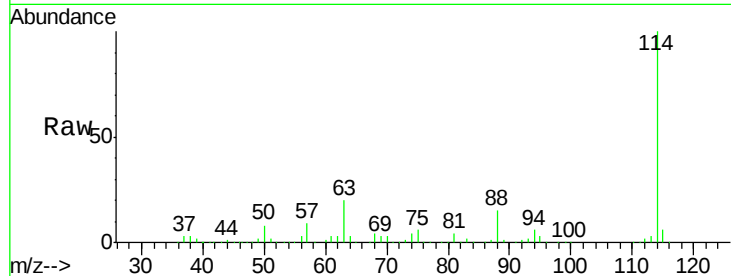
Tot Ion:114 Resp: 315201

Ion Ratio Lower Upper

114 100

63 19.7 0.0 41.4

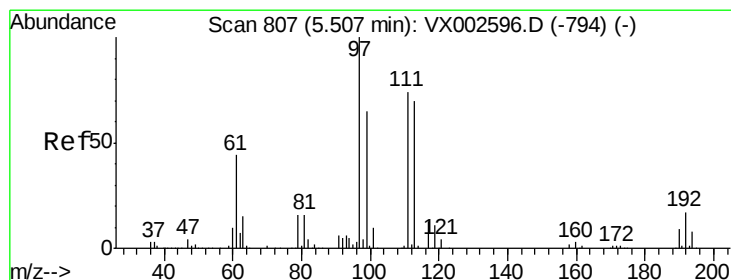
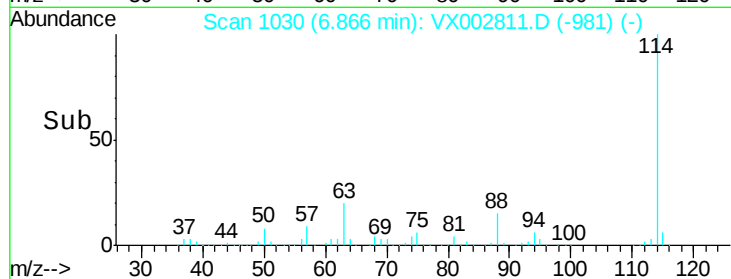
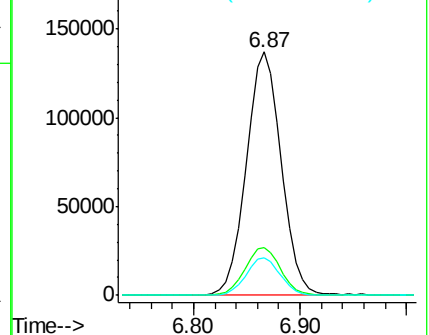
88 15.3 0.0 30.0



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: 48.65 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002811.D

Acq: 22 Jun 2018 02:14

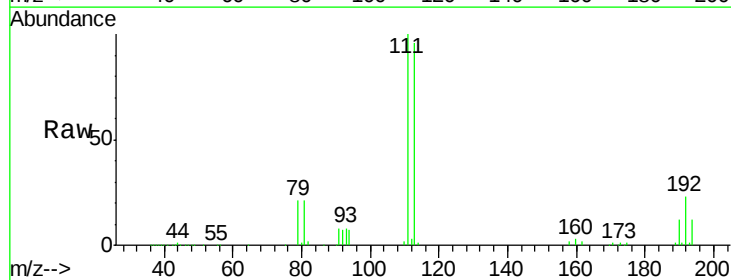
Tgt Ion:113 Resp: 122391

Ion Ratio Lower Upper

113 100

111 101.1 81.4 122.0

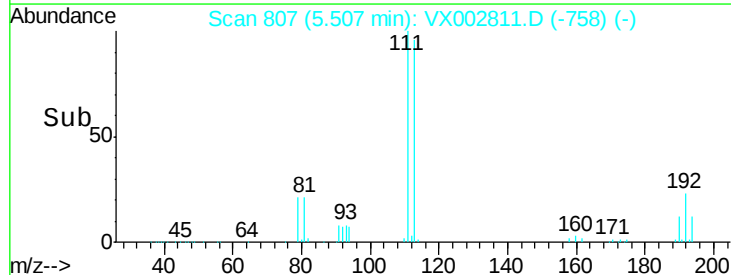
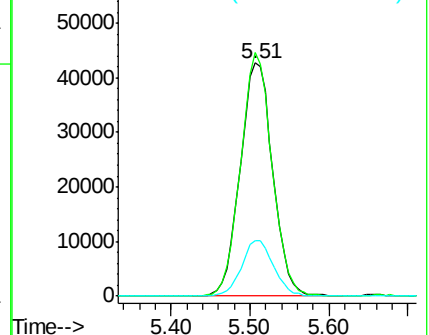
192 23.5 19.1 28.7

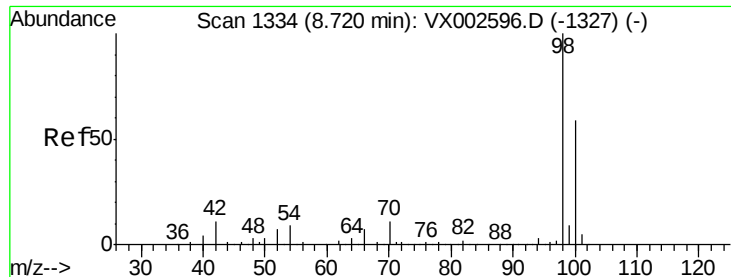


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

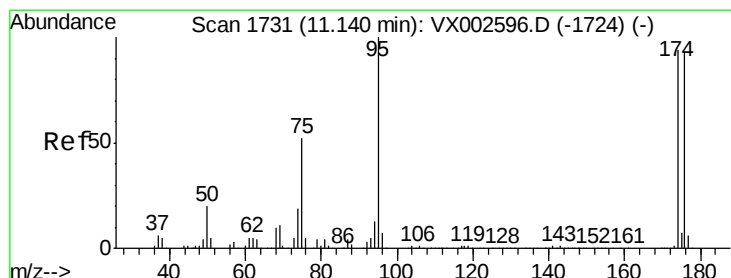
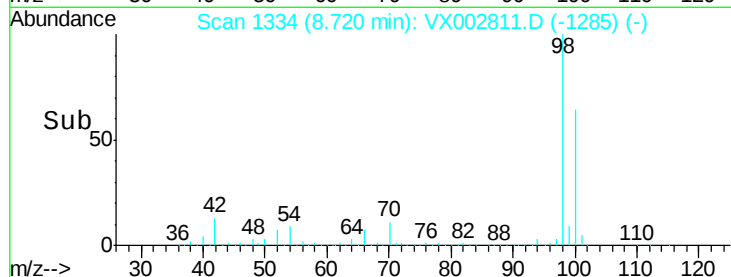
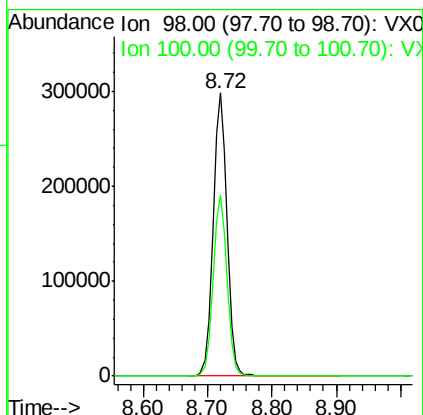
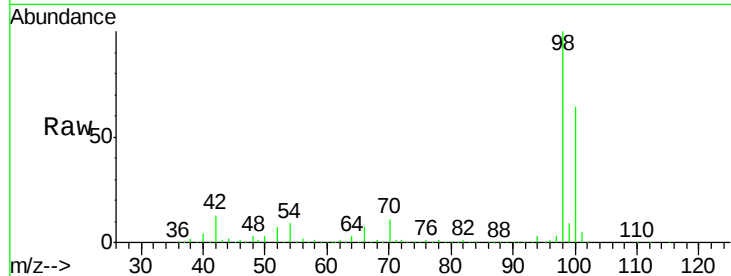




#50
Toluene-d8
Concen: 47.53 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002811.D
Acq: 22 Jun 2018 02:14

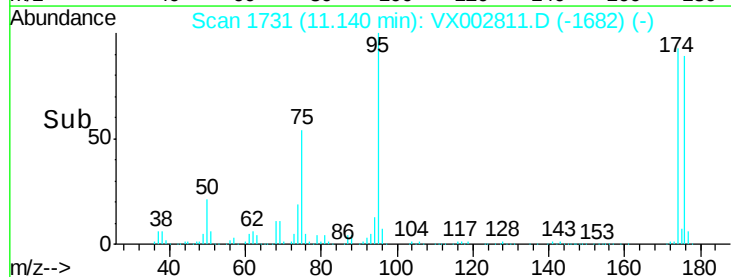
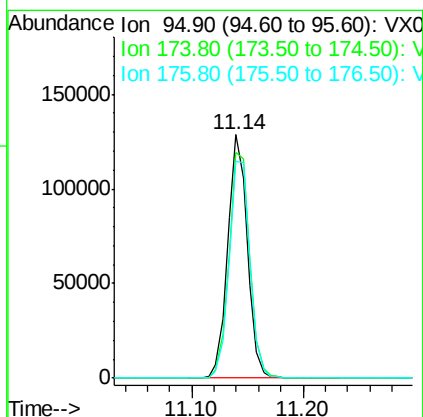
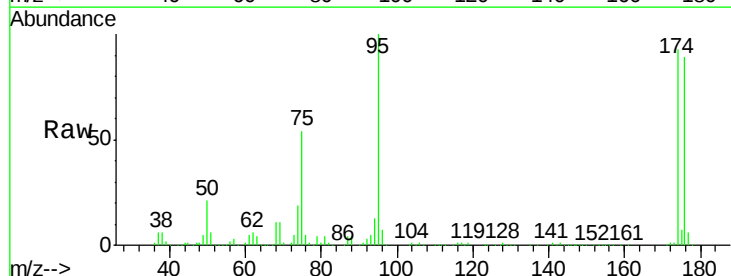
Instrument :
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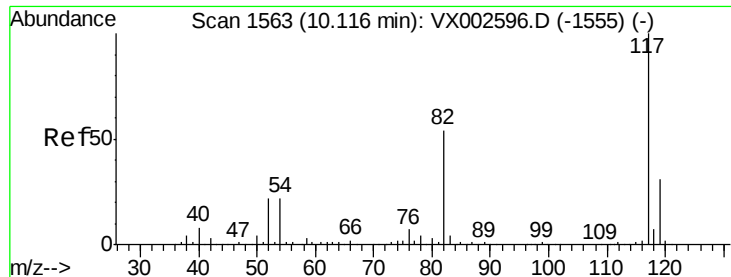
Tot Ion: 98 Resp: 454025
Ion Ratio Lower Upper
98 100
100 63.8 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 43.28 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002811.D
Acq: 22 Jun 2018 02:14

Tgt Ion: 95 Resp: 156651
Ion Ratio Lower Upper
95 100
174 97.8 0.0 187.4
176 94.6 0.0 181.0

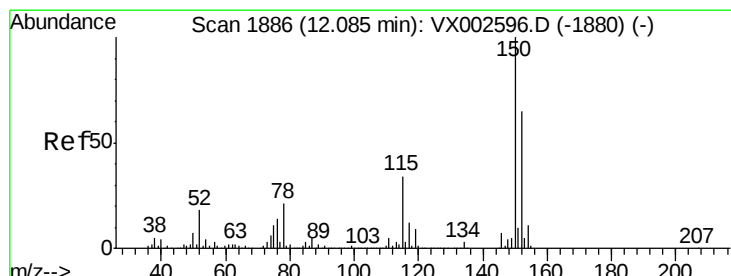
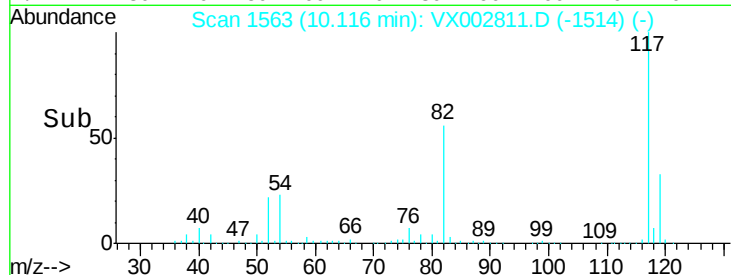
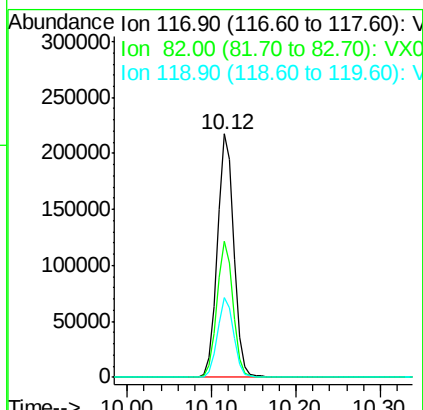
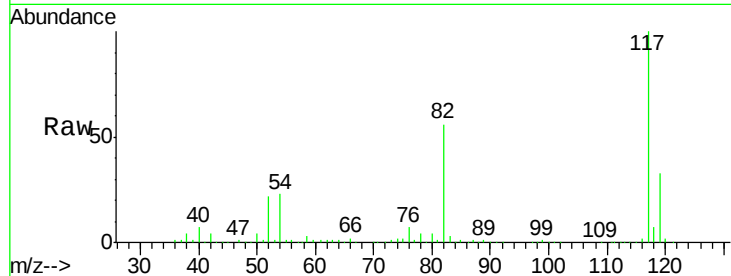




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002811.D
Acq: 22 Jun 2018 02:14

Instrument :
MSVOA_X
ClientSampleId :
PB110441ZHE#14

Tot Ion:117 Resp: 294061
Ion Ratio Lower Upper
117 100
82 56.0 45.0 67.4
119 32.7 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002811.D
Acq: 22 Jun 2018 02:14

Tgt Ion:152 Resp: 167252
Ion Ratio Lower Upper
152 100
115 55.0 40.1 120.2
150 156.6 0.0 347.2

