

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070318\
 Data File : VX003162.D
 Acq On : 03 Jul 2018 21:14
 Operator : JC/MD
 Sample : J3813-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 I2-60-SRI3

Quant Time: Jul 04 05:11:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	262185	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	368334	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	345250	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	197205	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	169675	46.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.64%	
35) Dibromofluoromethane	5.51	113	143062	49.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.10%	
50) Toluene-d8	8.72	98	518719	48.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.40%	
62) 4-Bromofluorobenzene	11.14	95	183792	44.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.48%	

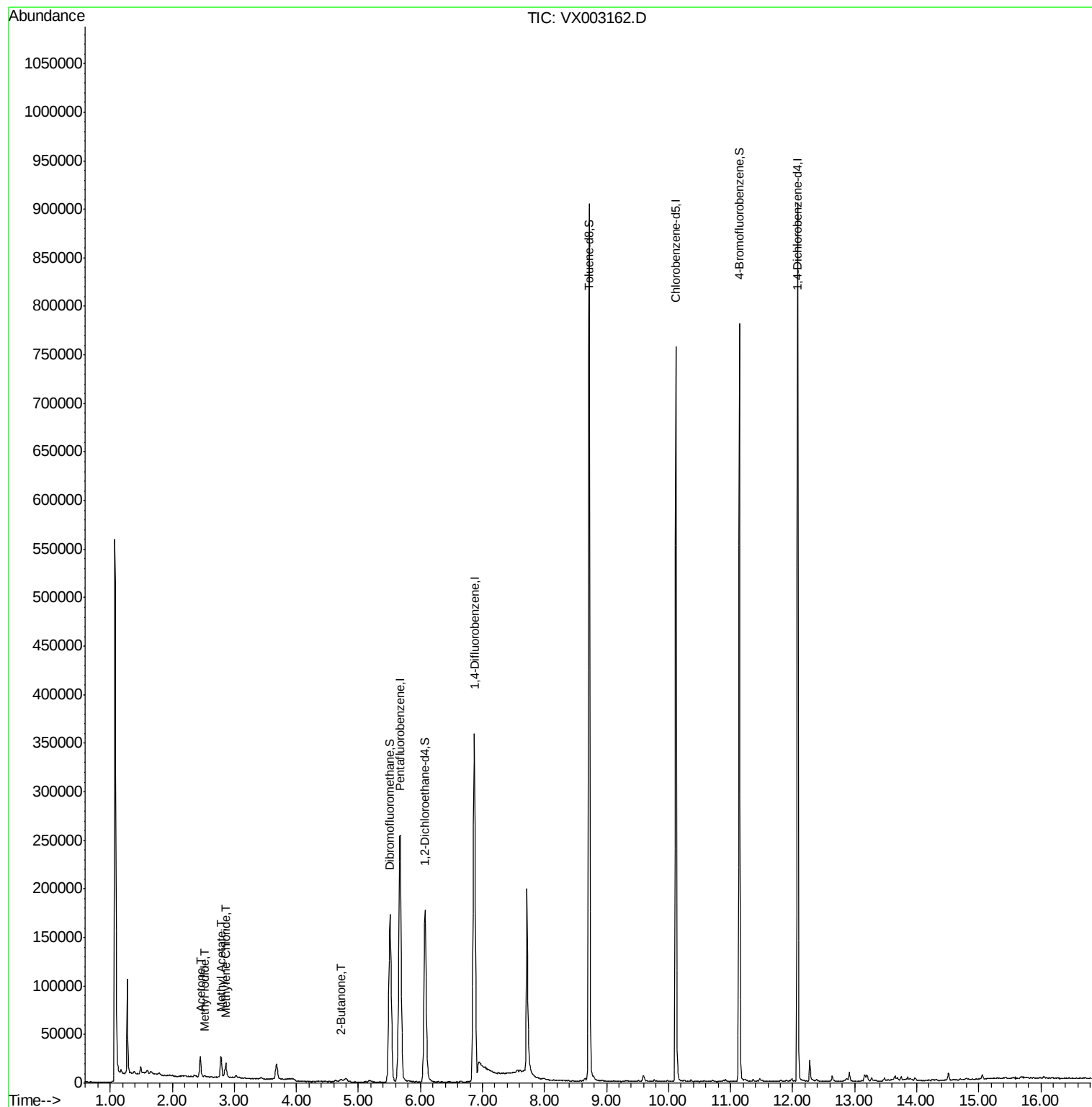
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	2.53	142	1514	6.677	ug/l #	96
16) Acetone	2.45	43	23304	15.528	ug/l	93
18) Methyl Acetate	2.78	43	27149	6.470	ug/l	97
20) Methylene Chloride	2.86	84	6790	2.325	ug/l	94
25) 2-Butanone	4.72	43	4339	1.948	ug/l	95

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003162.D

Acq: 03 Jul 2018 21:14

Instrument :

MSVOA_X

ClientSampleId :

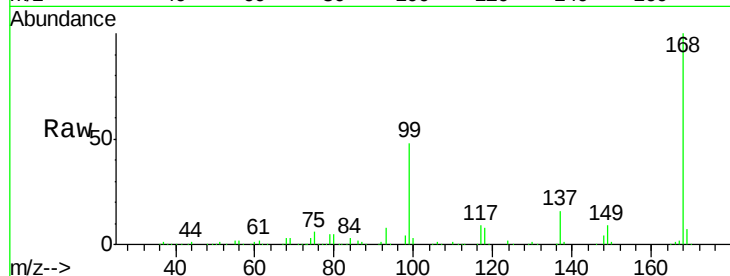
I2-60-SRI3

Tot Ion:168 Resp: 262185

Ion Ratio Lower Upper

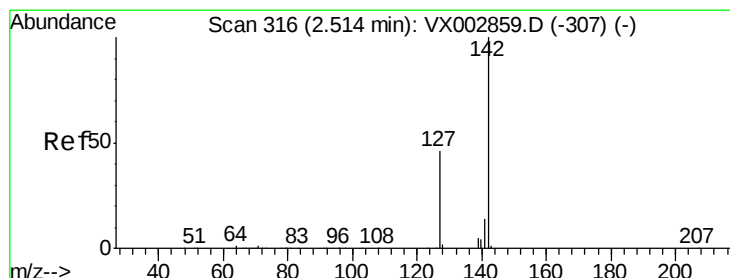
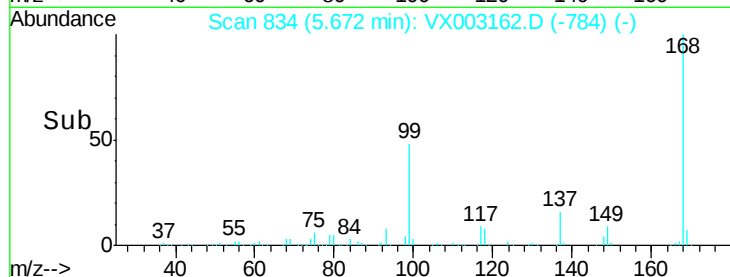
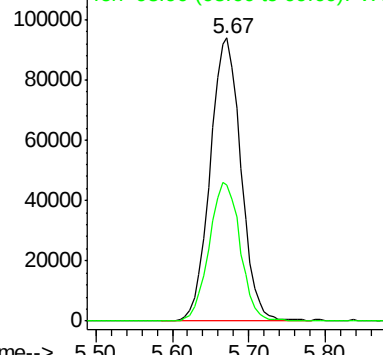
168 100

99 47.9 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: 6.677 ug/l

RT: 2.53 min Scan# 318

Delta R.T. 0.01 min

Lab File: VX003162.D

Acq: 03 Jul 2018 21:14

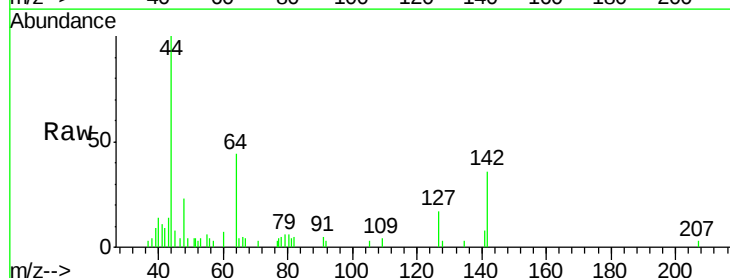
Tgt Ion:142 Resp: 1514

Ion Ratio Lower Upper

142 100

127 44.9 36.6 55.0

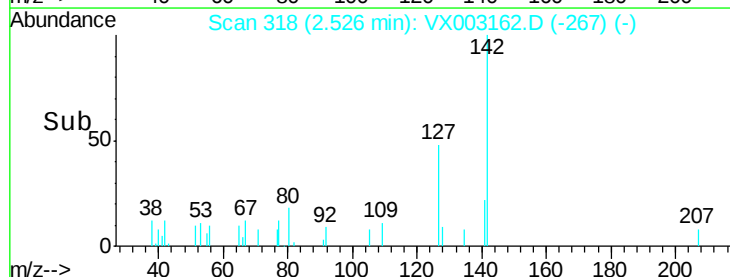
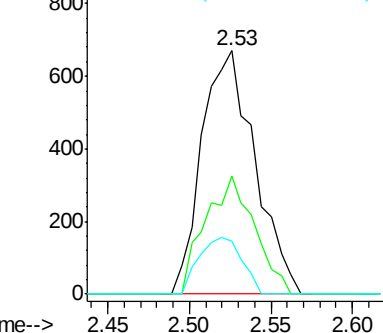
141 18.9 11.3 16.9#

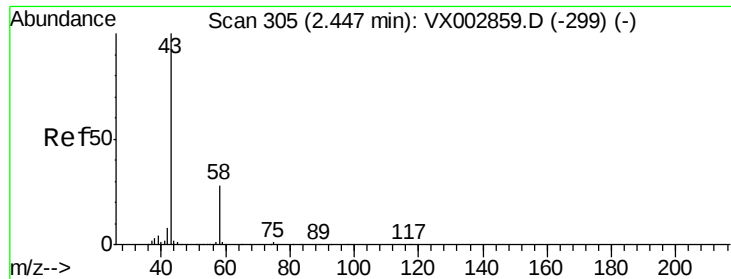


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

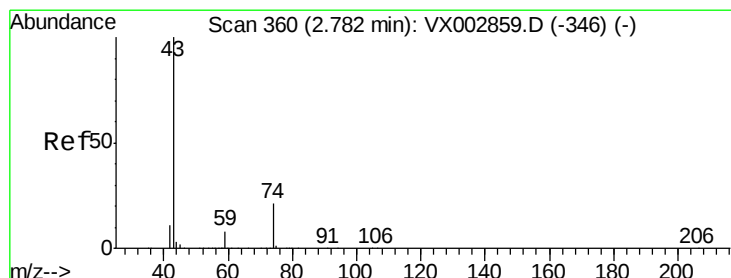
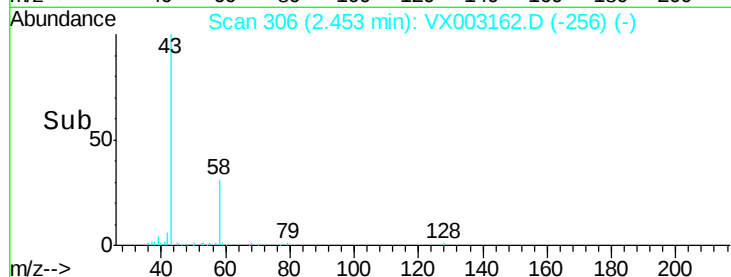
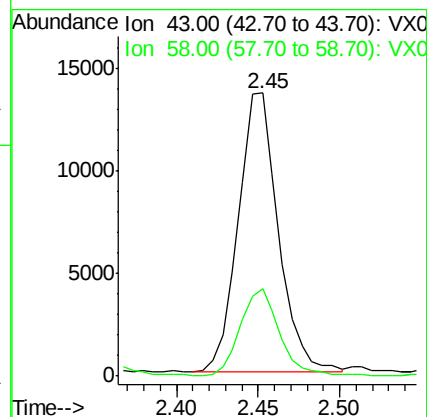
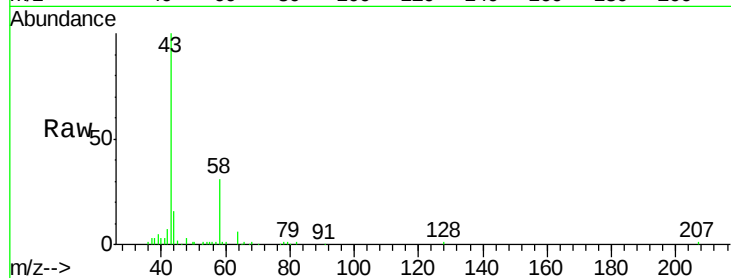




#16
Acetone
Concen: 15.528 ug/l
RT: 2.45 min Scan# 306
Delta R.T. 0.01 min
Lab File: VX003162.D
Acq: 03 Jul 2018 21:14

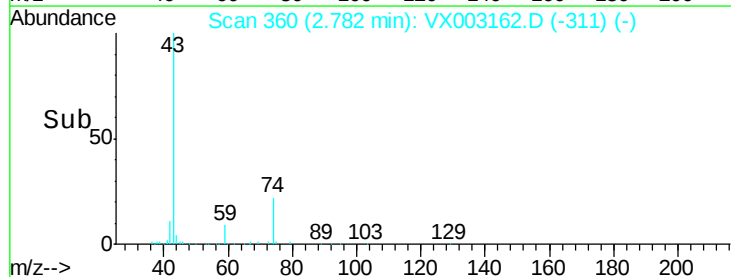
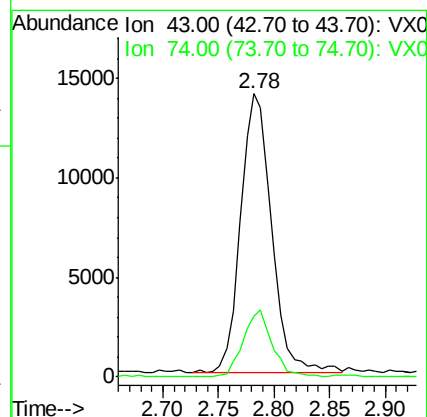
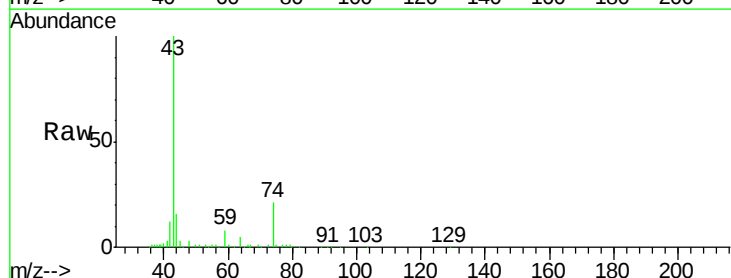
Instrument :
MSVOA_X
ClientSampleId :
12-60-SRI3

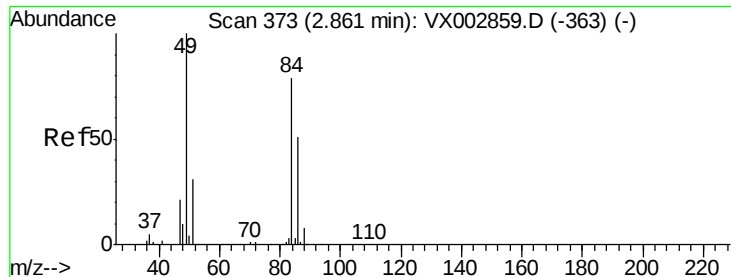
Tot Ion: 43 Resp: 23304
Ion Ratio Lower Upper
43 100
58 31.3 22.1 33.1



#18
Methyl Acetate
Concen: 6.470 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX003162.D
Acq: 03 Jul 2018 21:14

Tgt Ion: 43 Resp: 27149
Ion Ratio Lower Upper
43 100
74 22.4 16.7 25.1

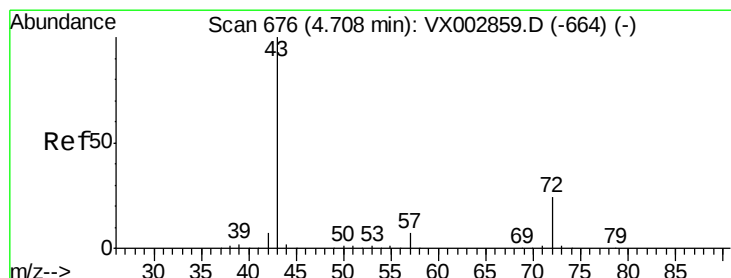
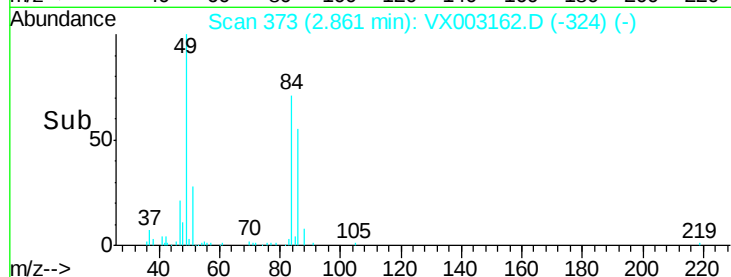
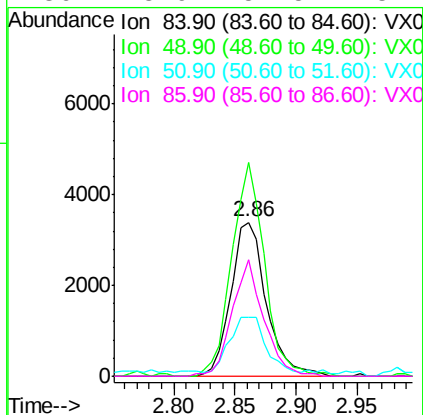
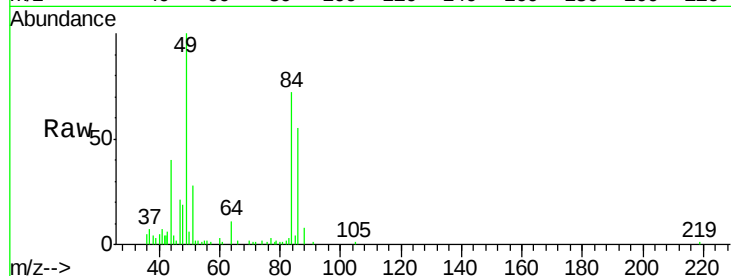




#20
Methvlene Chloride
Concen: 2.325 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX003162.D
Acq: 03 Jul 2018 21:14

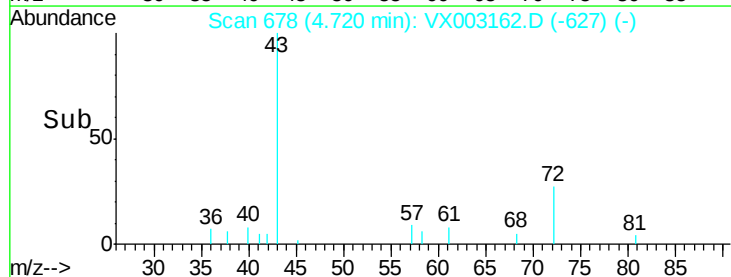
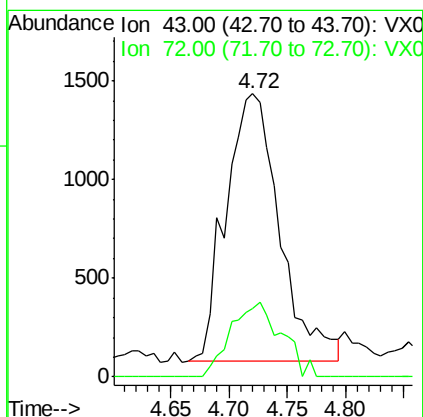
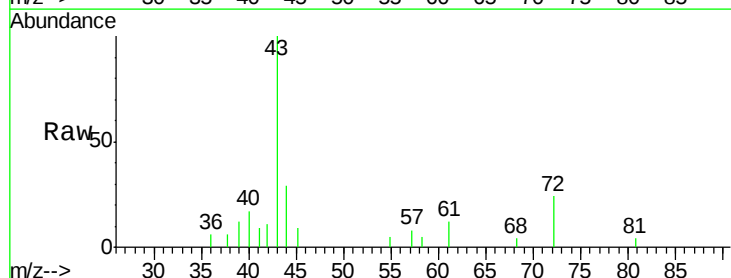
Instrument :
MSVOA_X
ClientSampleId :
I2-60-SRI3

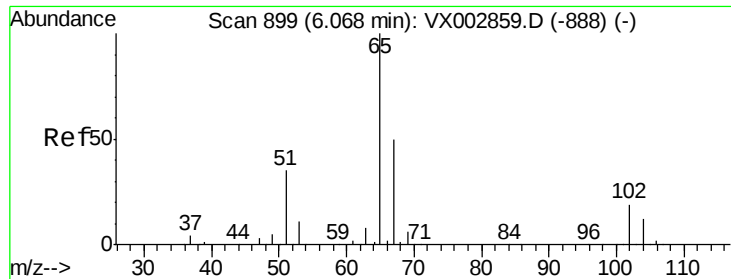
Tot Ion: 84 Resp: 6790
Ion Ratio Lower Upper
84 100
49 138.5 107.8 161.6
51 36.9 32.8 49.2
86 75.9 52.5 78.7



#25
2-Butanone
Concen: 1.948 ug/l
RT: 4.72 min Scan# 678
Delta R.T. 0.01 min
Lab File: VX003162.D
Acq: 03 Jul 2018 21:14

Tgt Ion: 43 Resp: 4339
Ion Ratio Lower Upper
43 100
72 25.5 18.5 27.7





#33

1,2-Dichloroethane-d4

Concen: 46.821 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX003162.D

Acq: 03 Jul 2018 21:14

Instrument :

MSVOA_X

ClientSampleId :

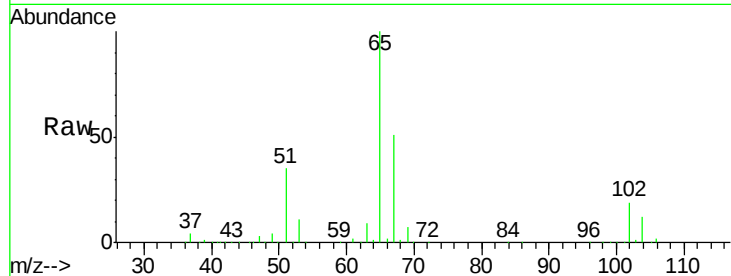
I2-60-SRI3

Tot Ion: 65 Resp: 169675

Ion Ratio Lower Upper

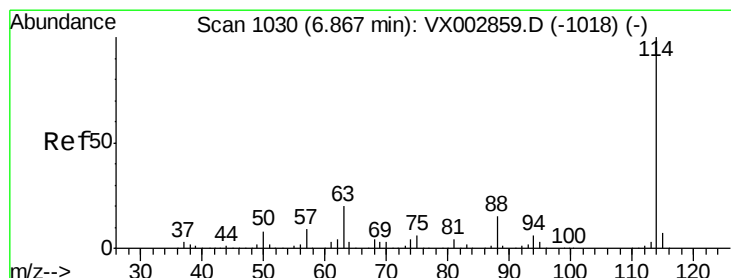
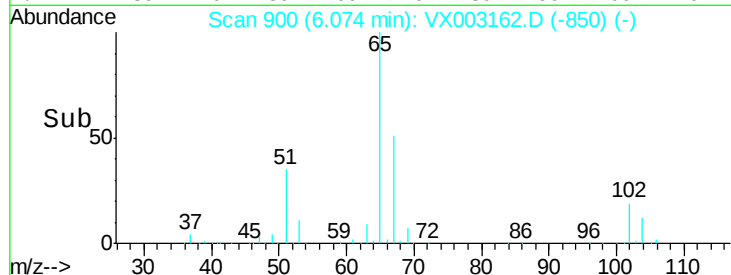
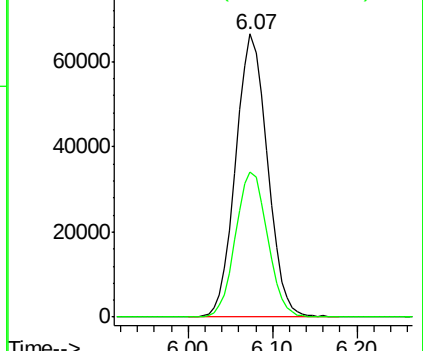
65 100

67 51.7 0.0 102.6



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# 1030

Delta R.T. -0.00 min

Lab File: VX003162.D

Acq: 03 Jul 2018 21:14

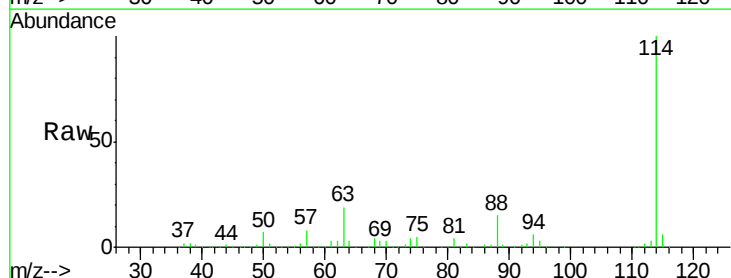
Tgt Ion: 114 Resp: 368334

Ion Ratio Lower Upper

114 100

63 19.3 0.0 41.4

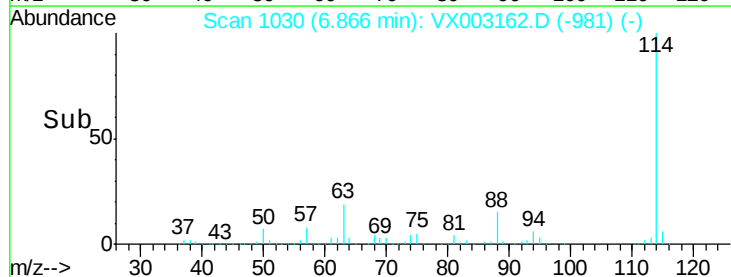
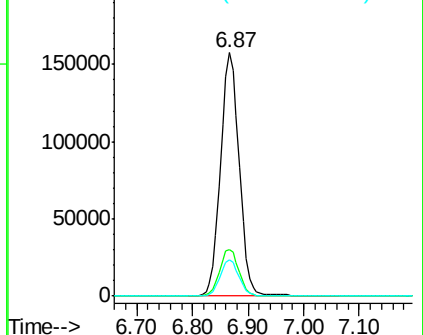
88 15.2 0.0 30.0

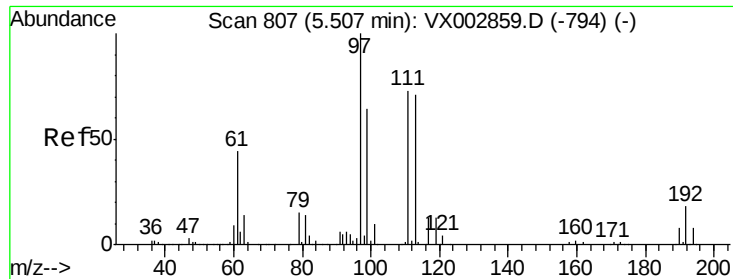


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.046 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX003162.D

Acq: 03 Jul 2018 21:14

Instrument :

MSVOA_X

ClientSampleId :

I2-60-SRI3

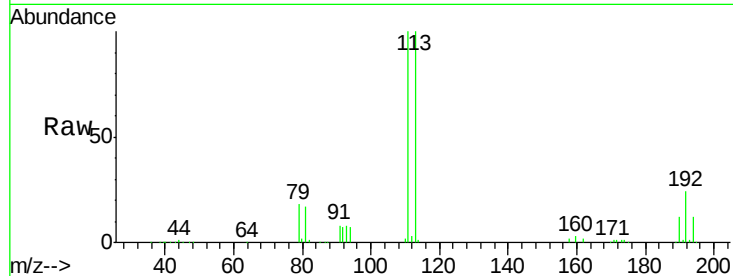
Tot Ion:113 Resp: 143062

Ion Ratio Lower Upper

113 100

111 101.9 81.4 122.0

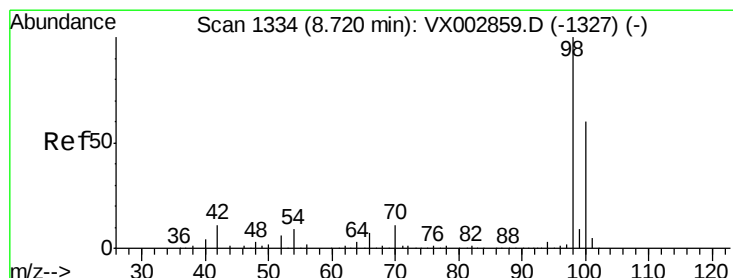
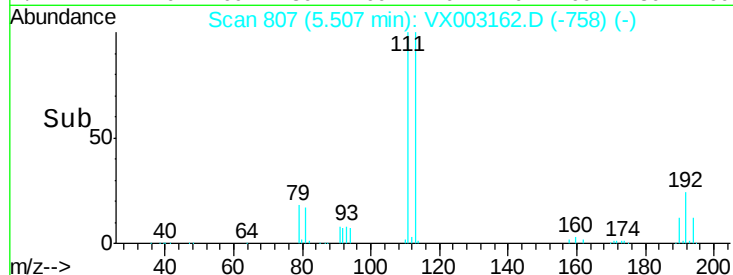
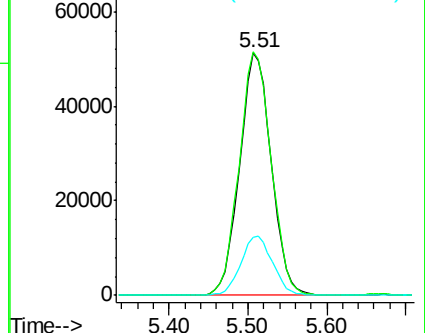
192 24.5 19.1 28.7



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: 48.698 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003162.D

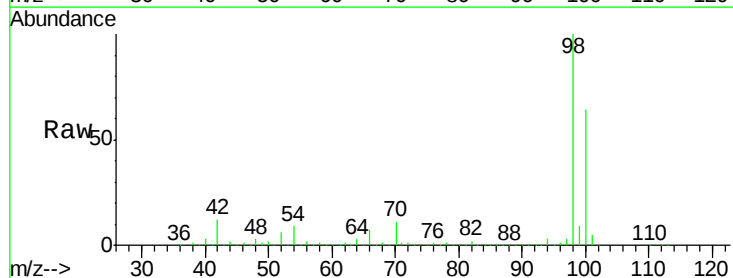
Acq: 03 Jul 2018 21:14

Tgt Ion: 98 Resp: 518719

Ion Ratio Lower Upper

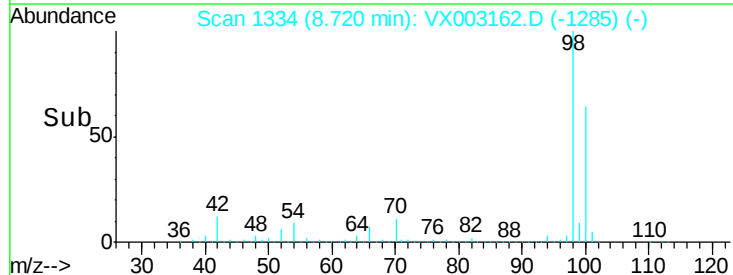
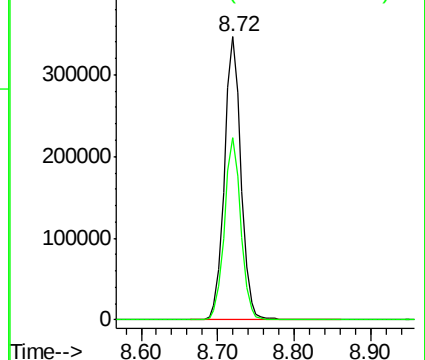
98 100

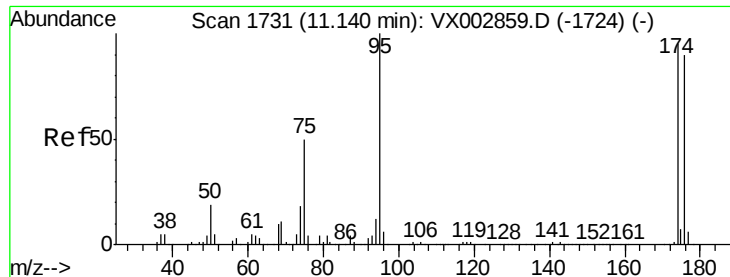
100 63.7 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

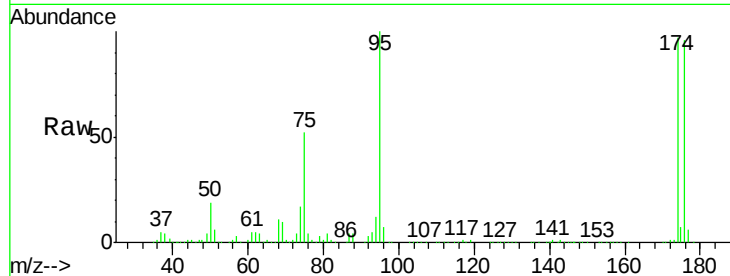




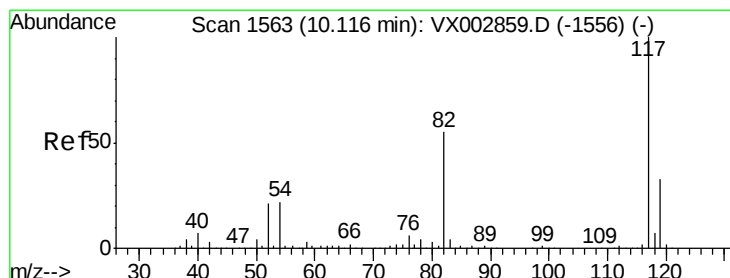
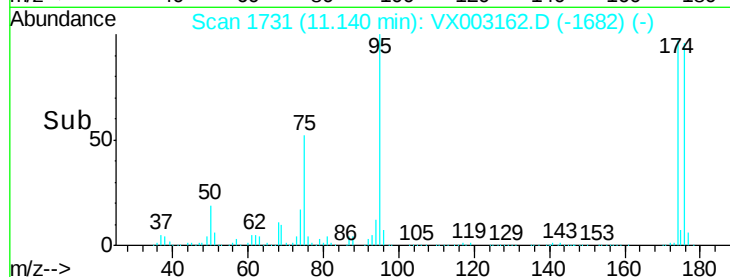
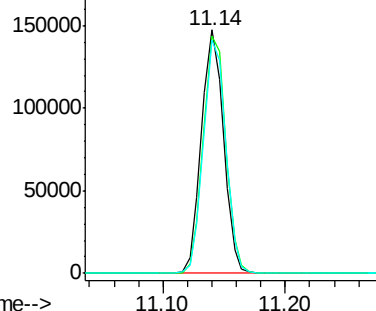
#62
4-Bromofluorobenzene
Concen: 44.741 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003162.D
Acq: 03 Jul 2018 21:14

Instrument :
MSVOA_X
ClientSampleId :
12-60-SRI3

Tot Ion: 95 Resp: 183792
Ion Ratio Lower Upper
95 100
174 99.4 0.0 187.4
176 96.5 0.0 181.0

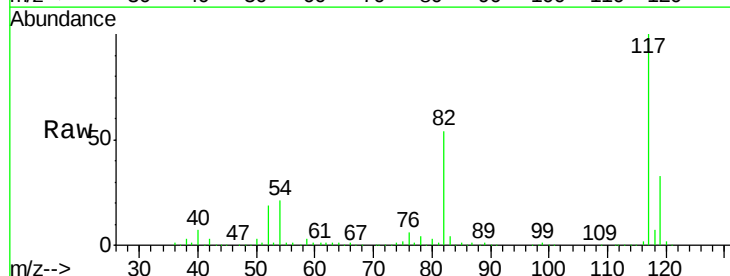


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

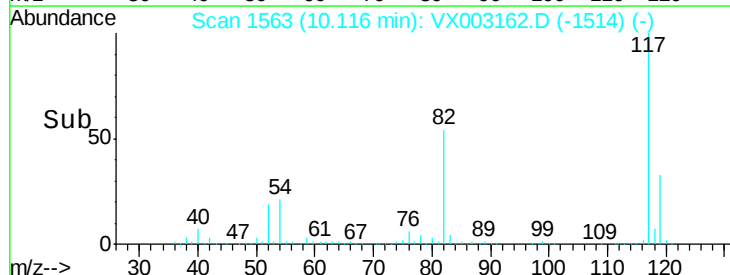
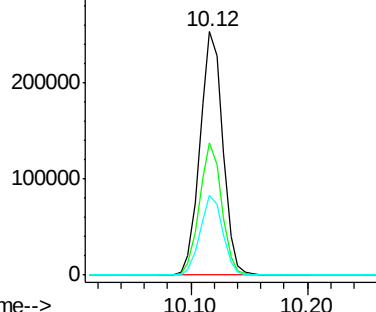


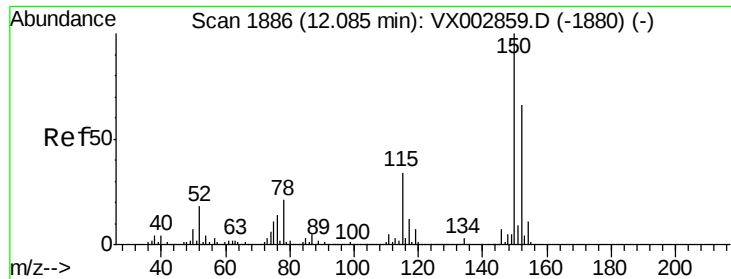
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003162.D
Acq: 03 Jul 2018 21:14

Tgt Ion: 117 Resp: 345250
Ion Ratio Lower Upper
117 100
82 54.3 45.0 67.4
119 32.7 25.8 38.6



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: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX003162.D

Acq: 03 Jul 2018 21:14

Instrument :

MSVOA_X

ClientSampleId :

12-60-SRI3

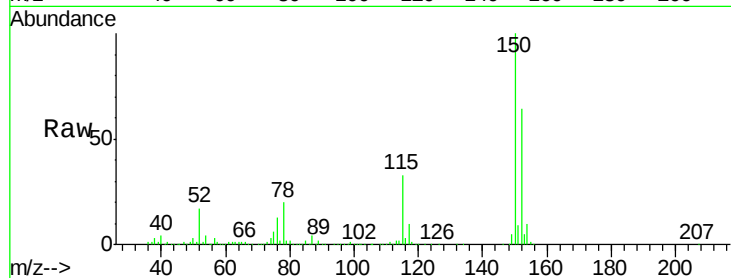
Tot Ion:152 Resp: 197205

Ion Ratio Lower Upper

152 100

115 54.2 40.1 120.2

150 157.1 0.0 347.2



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

