

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071318\
 Data File : VX003375.D
 Acq On : 13 Jul 2018 21:34
 Operator : JC/MD
 Sample : J3975-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PAR-5

Quant Time: Jul 14 03:12:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071318W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 13 17:01:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	286078	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	405747	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	382631	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	212246	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	182659	58.56	ug/l	0.00
Spiked Amount 50.000			Recovery =	117.12%		
35) Dibromofluoromethane	5.51	113	163136	54.63	ug/l	0.00
Spiked Amount 50.000			Recovery =	109.26%		
50) Toluene-d8	8.72	98	579773	59.51	ug/l	0.00
Spiked Amount 50.000			Recovery =	119.02%		
62) 4-Bromofluorobenzene	11.14	95	204276	49.12	ug/l	0.00
Spiked Amount 50.000			Recovery =	98.24%		

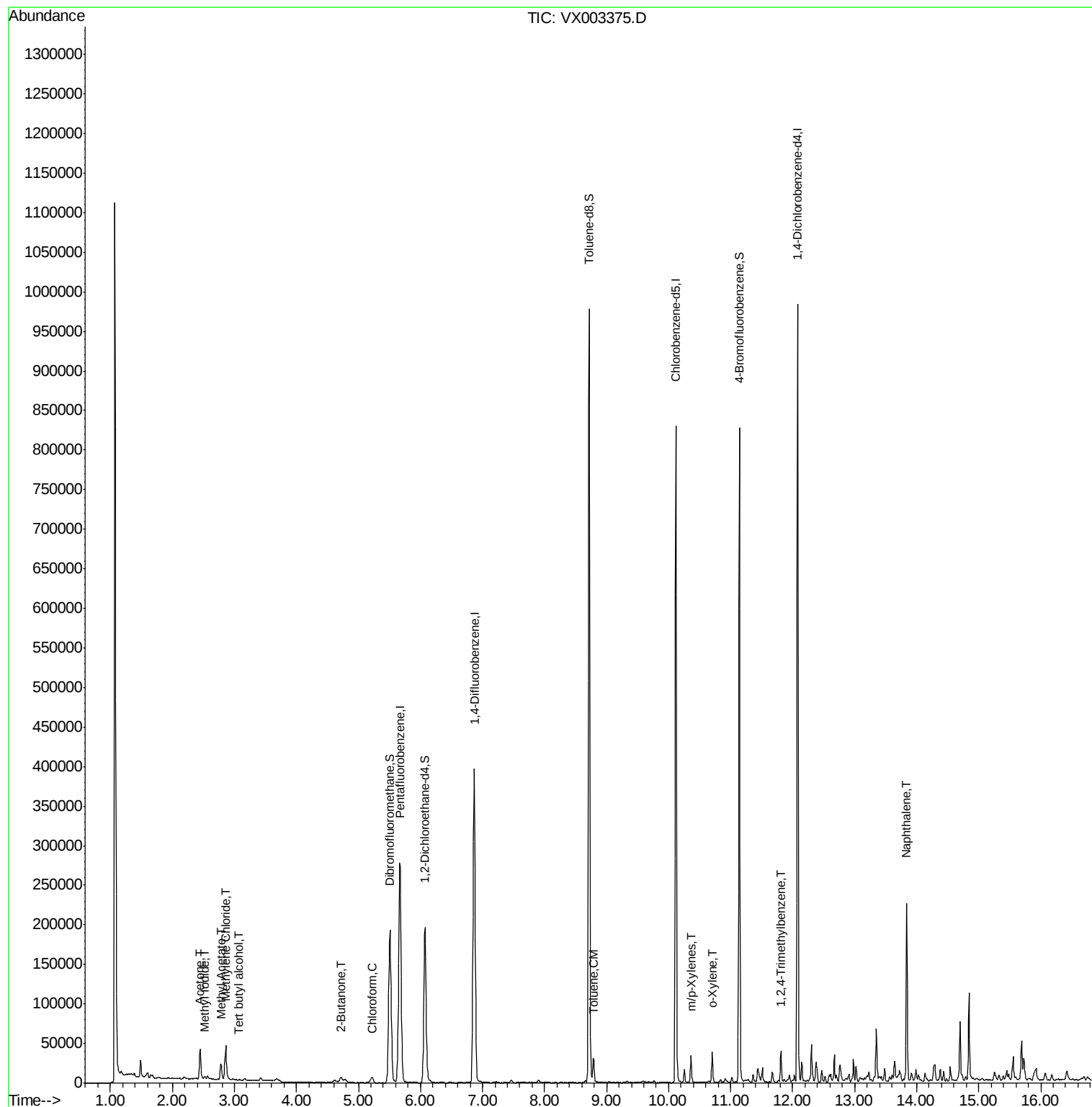
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	2.52	142	3888	1.12	ug/l	95
11) Tert butyl alcohol	3.07	59	1291	1.56	ug/l #	84
16) Acetone	2.45	43	39431	24.55	ug/l #	89
18) Methyl Acetate	2.78	43	25651	5.14	ug/l	97
20) Methylene Chloride	2.86	84	20740	4.88	ug/l	92
25) 2-Butanone	4.71	43	13601	5.46	ug/l	95
30) Chloroform	5.22	83	7444	1.21	ug/l	98
52) Toluene	8.79	92	11109	1.30	ug/l	99
68) m/p-Xylenes	10.36	106	7656	1.24	ug/l	98
69) o-Xylene	10.70	106	8180	1.36	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	15921	1.29	ug/l	97
95) Naphthalene	13.83	128	143715	9.67	ug/l	99

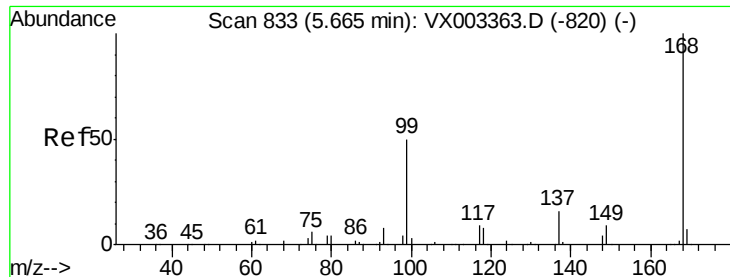
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX071318\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X071318W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 13 17:01:02 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX003375.D

Acq: 13 Jul 2018 21:34

Instrument :

MSVOA_X

ClientSampleId :

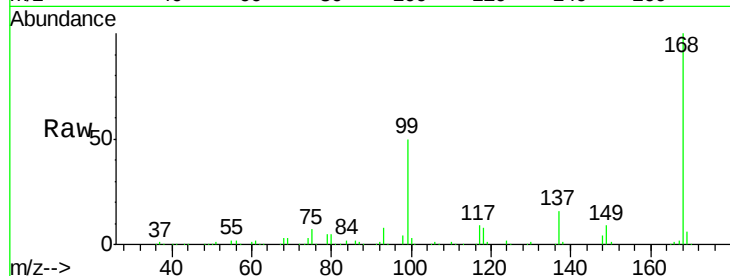
PAR-5

Tot Ion:168 Resp: 286078

Ion Ratio Lower Upper

168 100

99 50.2 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

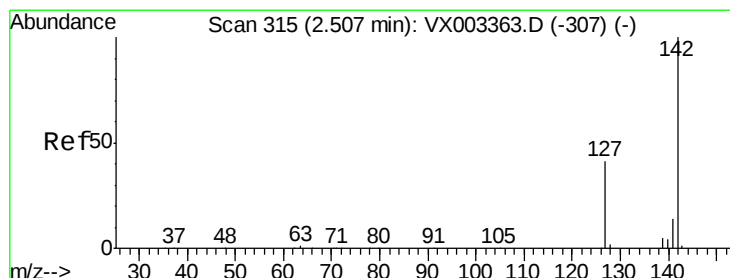
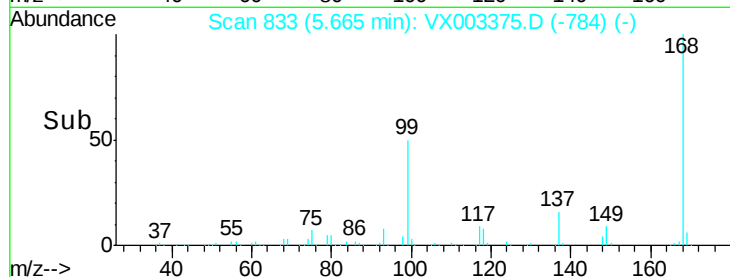
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#10

Methyl Iodide

Concen: 1.12 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX003375.D

Acq: 13 Jul 2018 21:34

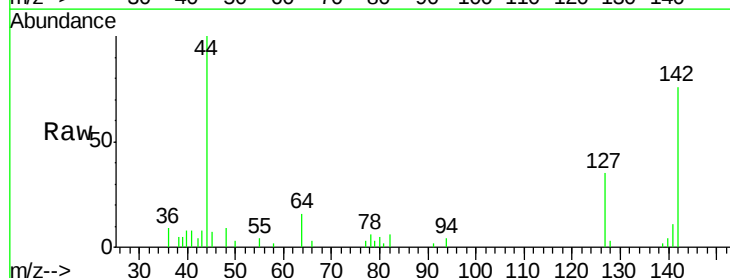
Tgt Ion:142 Resp: 3888

Ion Ratio Lower Upper

142 100

127 41.5 36.6 55.0

141 14.2 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

2000

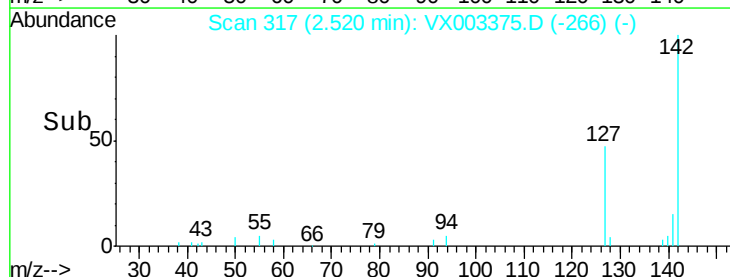
1500

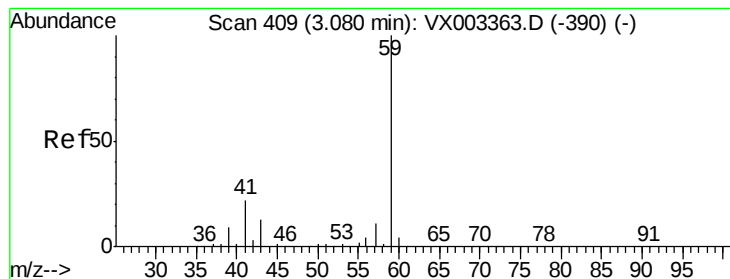
1000

500

0

Time--> 2.45 2.50 2.55 2.60



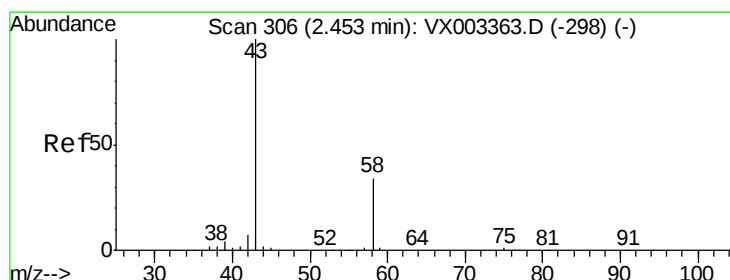
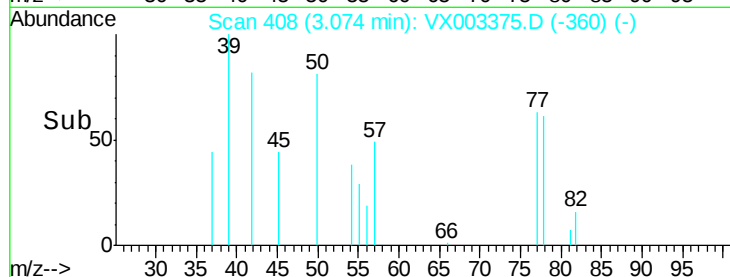
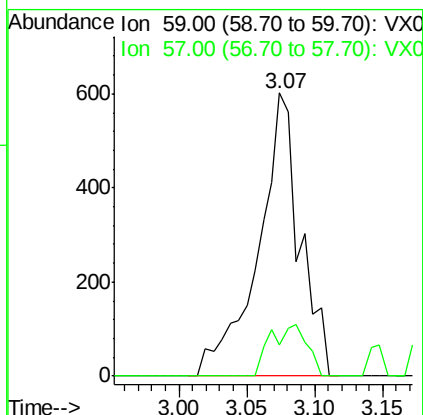
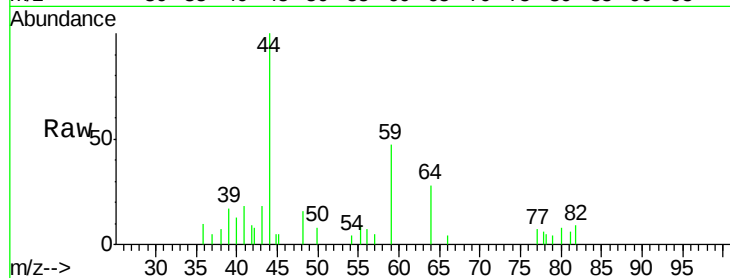


#11

Tert butyl alcohol
 Concen: 1.56 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. -0.01 min
 Lab File: VX003375.D
 Acq: 13 Jul 2018 21:34

Instrument :
 MSVOA_X
 ClientSampled :
 PAR-5

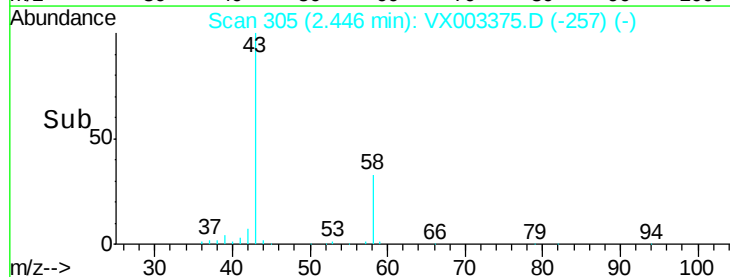
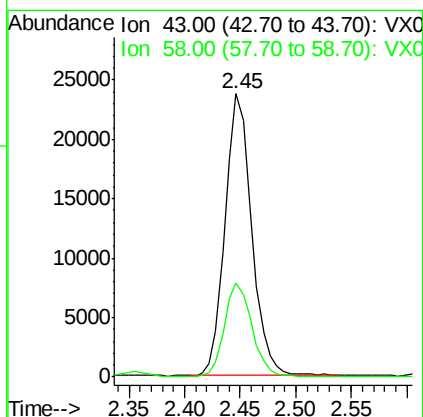
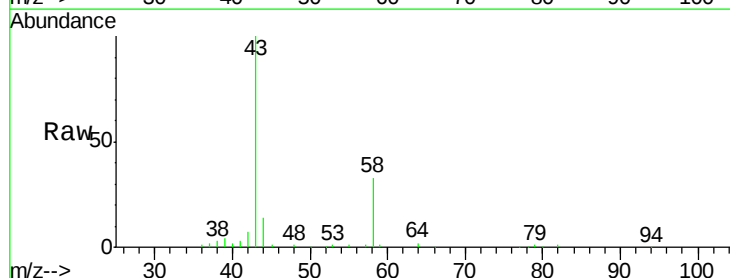
Tot Ion: 59 Resp: 1291
 Ion Ratio Lower Upper
 59 100
 57 16.0 8.2 12.2#

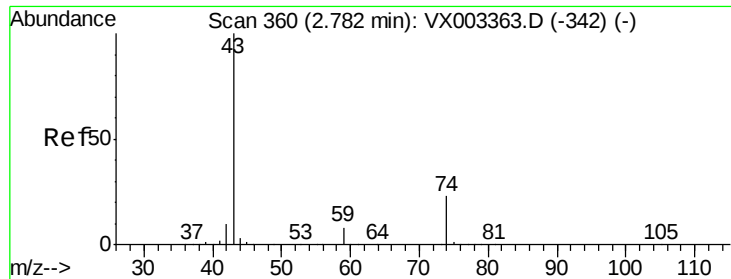


#16

Acetone
 Concen: 24.55 ug/l
 RT: 2.45 min Scan# 305
 Delta R.T. -0.01 min
 Lab File: VX003375.D
 Acq: 13 Jul 2018 21:34

Tgt Ion: 43 Resp: 39431
 Ion Ratio Lower Upper
 43 100
 58 33.2 22.1 33.1#

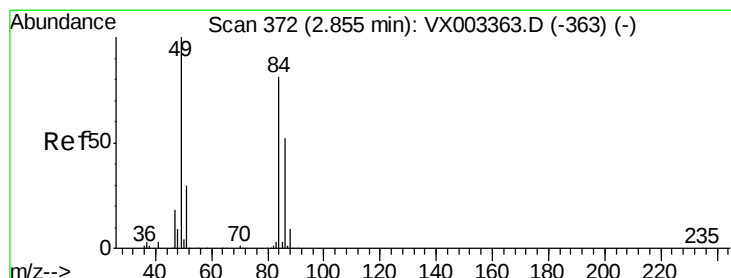
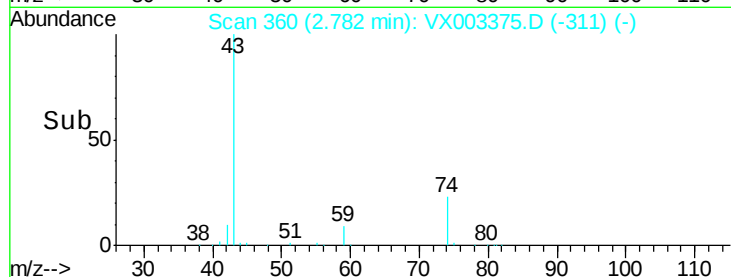
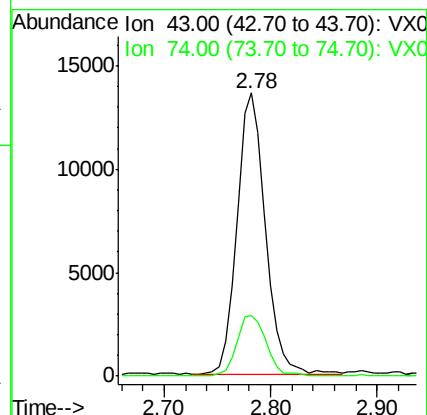
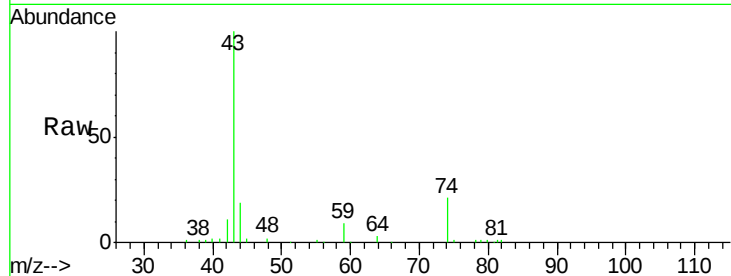




#18
Methvl Acetate
Concen: 5.14 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX003375.D
Acq: 13 Jul 2018 21:34

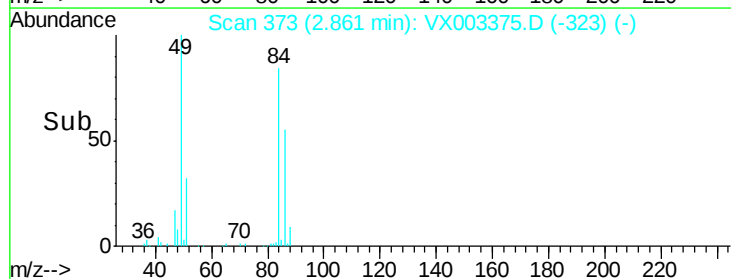
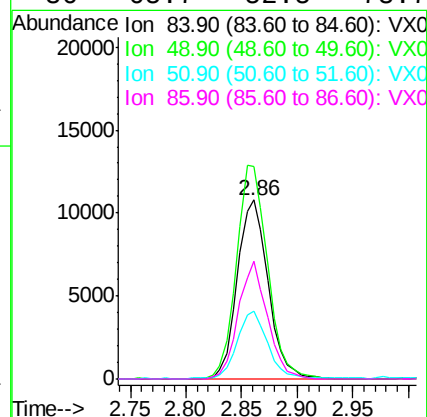
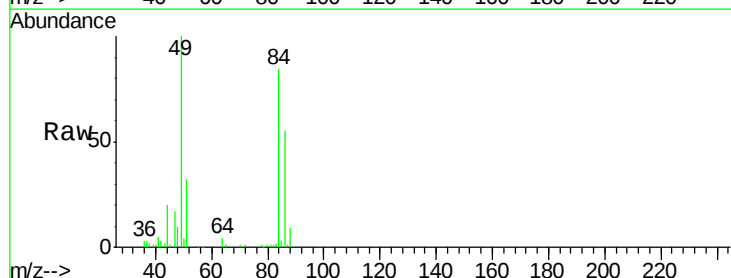
Instrument :
MSVOA_X
ClientSampleId :
PAR-5

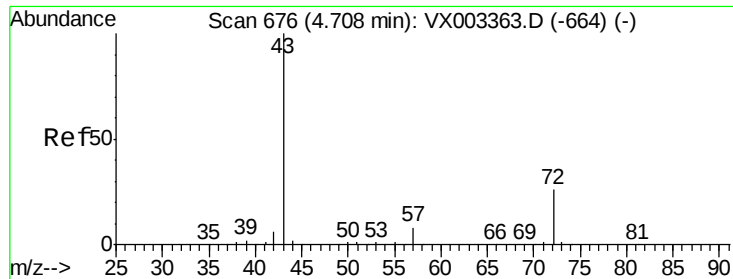
Tot Ion: 43 Resp: 25651
Ion Ratio Lower Upper
43 100
74 22.2 16.7 25.1



#20
Methylene Chloride
Concen: 4.88 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX003375.D
Acq: 13 Jul 2018 21:34

Tgt Ion: 84 Resp: 20740
Ion Ratio Lower Upper
84 100
49 119.1 107.8 161.6
51 37.6 32.8 49.2
86 65.7 52.5 78.7

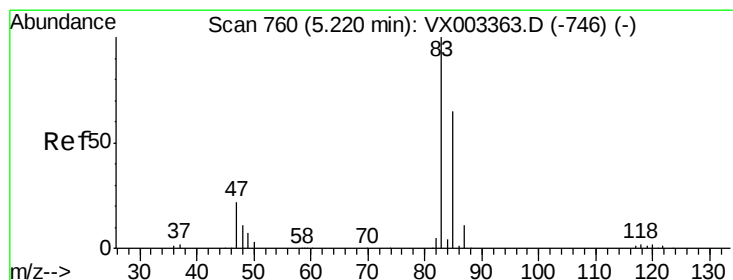
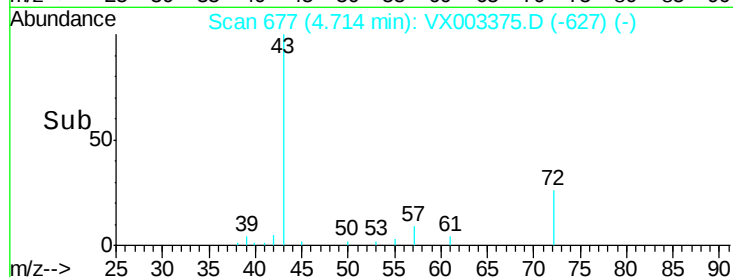
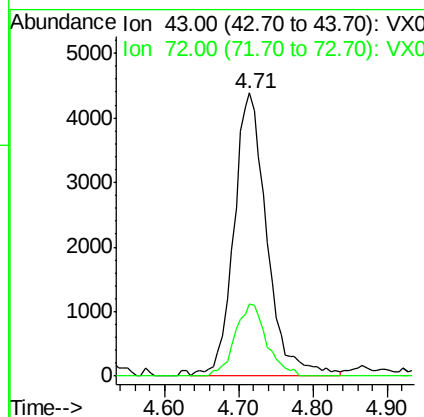
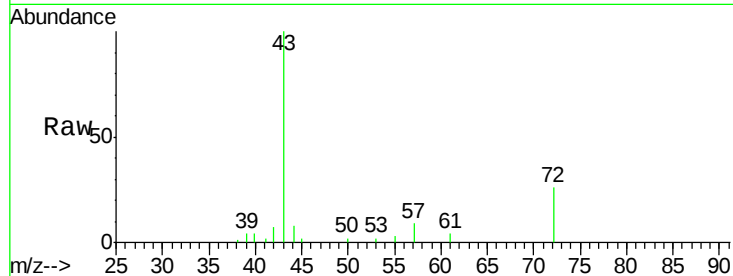




#25
2-Butanone
Concen: 5.46 ug/l
RT: 4.71 min Scan# 677
Delta R.T. 0.01 min
Lab File: VX003375.D
Acq: 13 Jul 2018 21:34

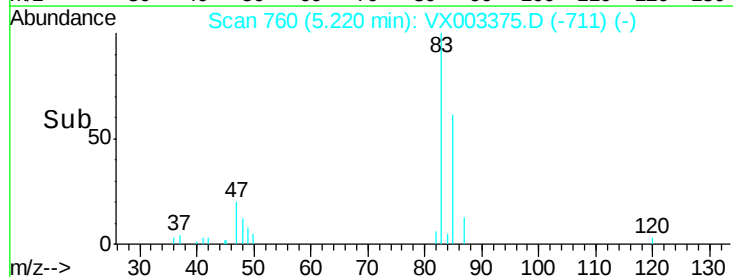
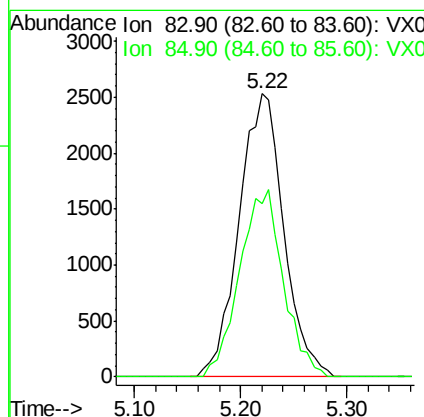
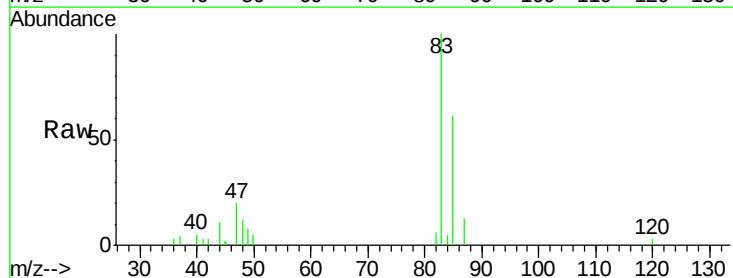
Instrument :
MSVOA_X
ClientSampleId :
PAR-5

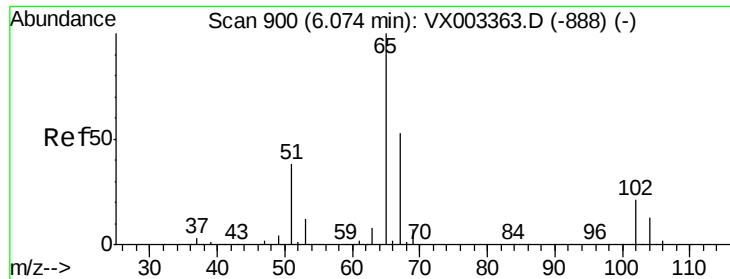
Tot Ion: 43 Resp: 13601
Ion Ratio Lower Upper
43 100
72 25.6 18.5 27.7



#30
Chloroform
Concen: 1.21 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX003375.D
Acq: 13 Jul 2018 21:34

Tgt Ion: 83 Resp: 7444
Ion Ratio Lower Upper
83 100
85 61.4 50.4 75.6





#33

1,2-Dichloroethane-d4

Concen: 58.56 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX003375.D

Acq: 13 Jul 2018 21:34

Instrument :

MSVOA_X

ClientSampleId :

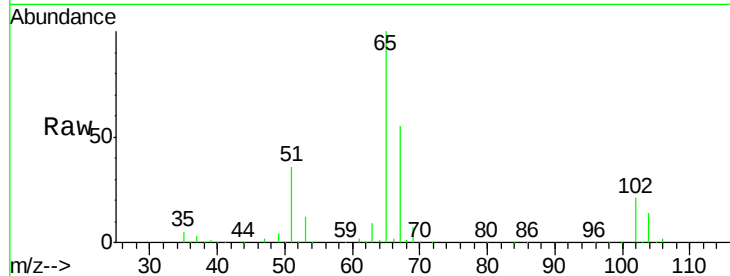
PAR-5

Tot Ion: 65 Resp: 182659

Ion Ratio Lower Upper

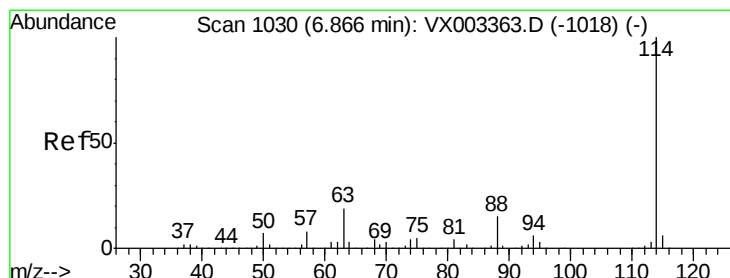
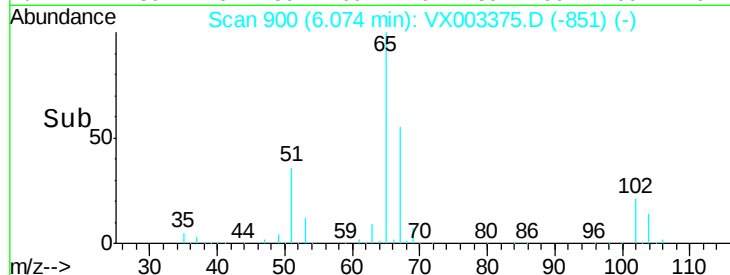
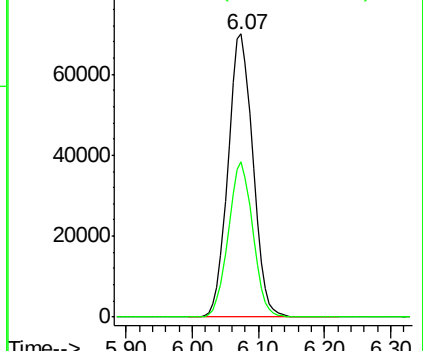
65 100

67 54.1 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: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX003375.D

Acq: 13 Jul 2018 21:34

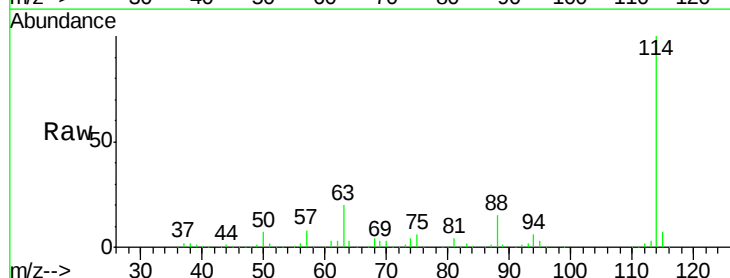
Tgt Ion: 114 Resp: 405747

Ion Ratio Lower Upper

114 100

63 20.0 0.0 41.4

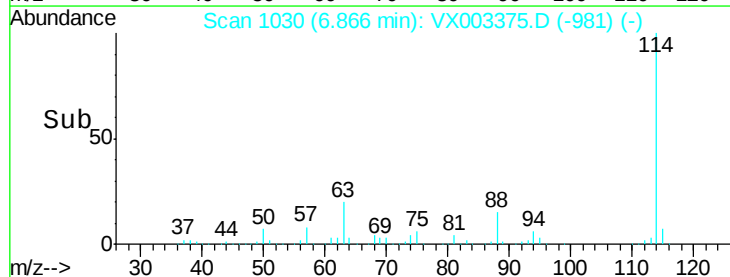
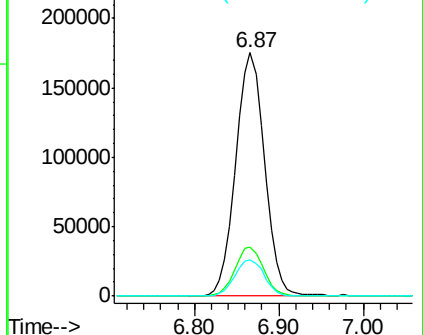
88 14.9 0.0 30.0

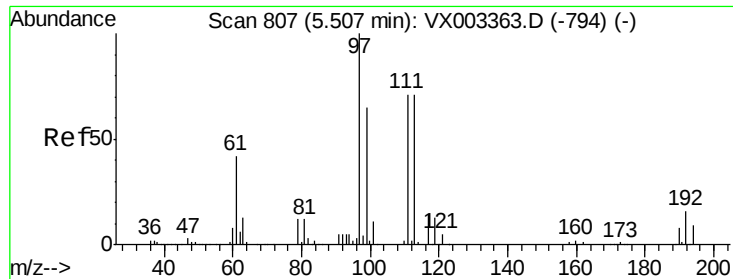


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 54.63 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX003375.D

Acq: 13 Jul 2018 21:34

Instrument :

MSVOA_X

ClientSampleId :

PAR-5

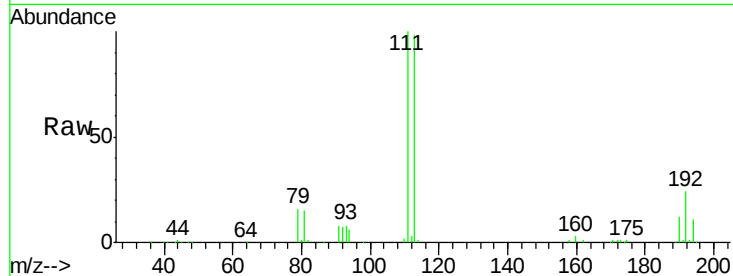
Tot Ion:113 Resp: 163136

Ion Ratio Lower Upper

113 100

111 101.3 81.4 122.0

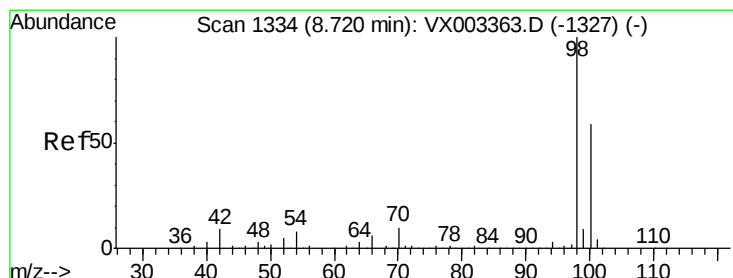
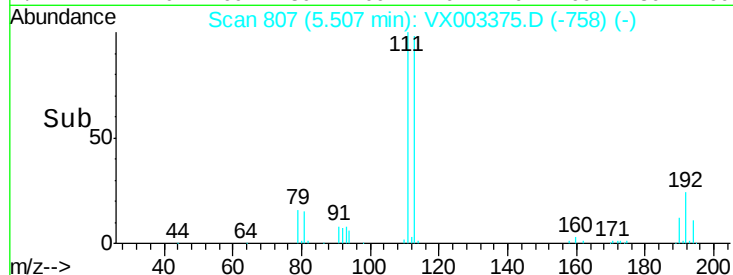
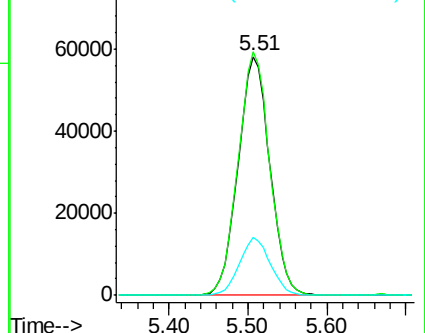
192 23.5 19.1 28.7



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: 59.51 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003375.D

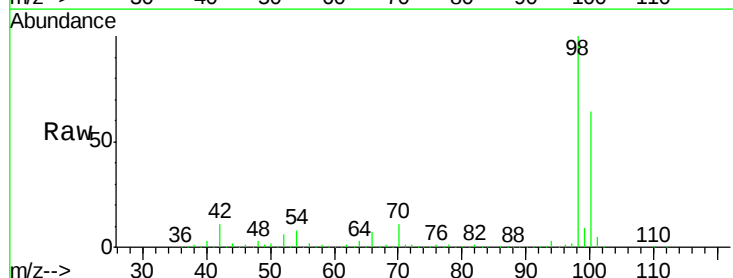
Acq: 13 Jul 2018 21:34

Tgt Ion: 98 Resp: 579773

Ion Ratio Lower Upper

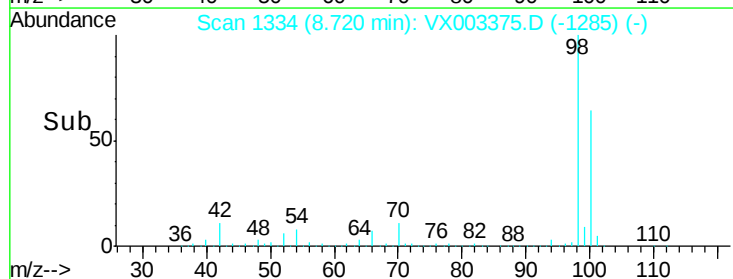
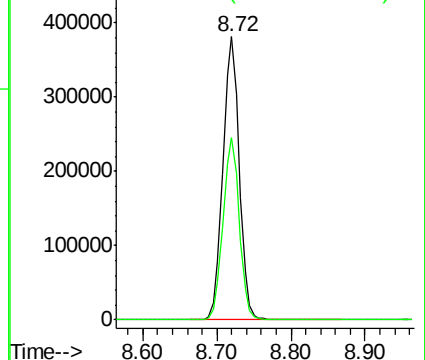
98 100

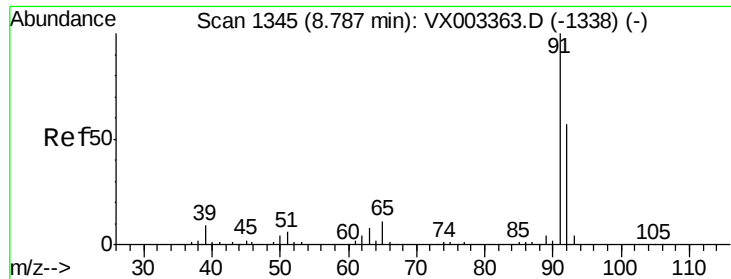
100 64.1 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#52

Toluene

Concen: 1.30 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX003375.D

Acq: 13 Jul 2018 21:34

Instrument :

MSVOA_X

ClientSampleId :

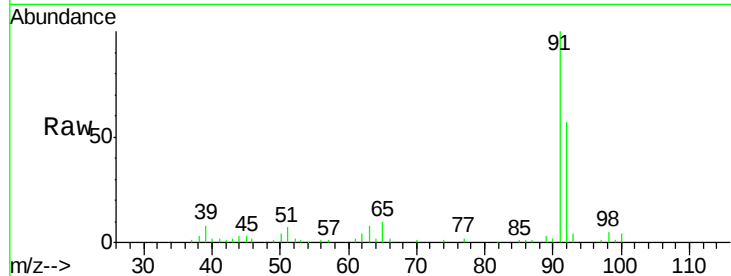
PAR-5

Tot Ion: 92 Resp: 11109

Ion Ratio Lower Upper

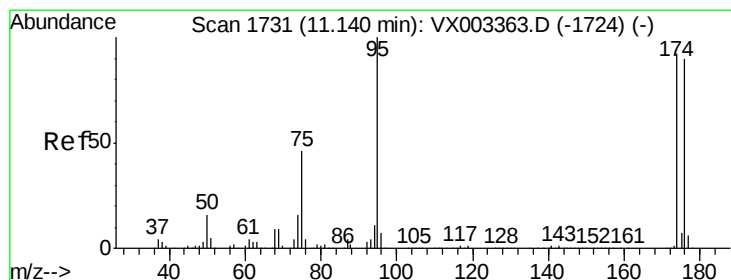
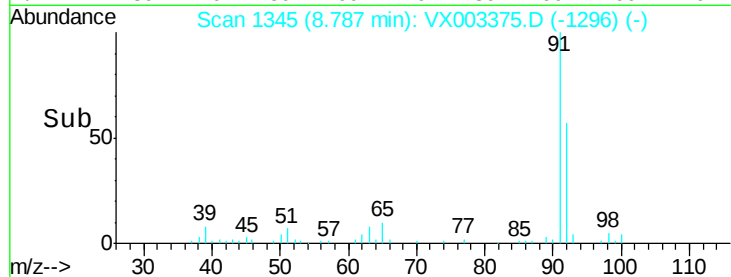
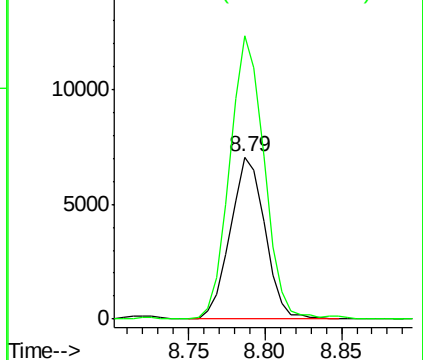
92 100

91 173.5 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 49.12 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX003375.D

Acq: 13 Jul 2018 21:34

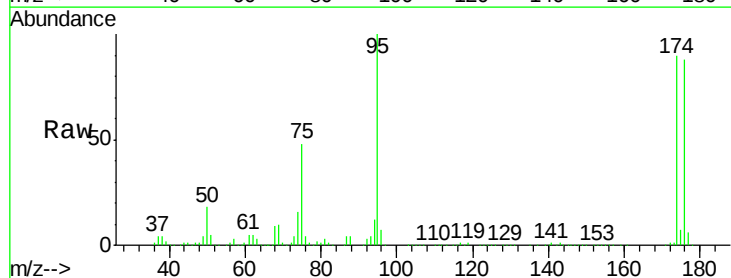
Tgt Ion: 95 Resp: 204276

Ion Ratio Lower Upper

95 100

174 92.3 0.0 187.4

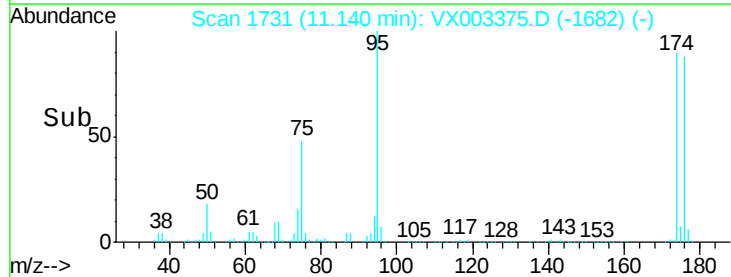
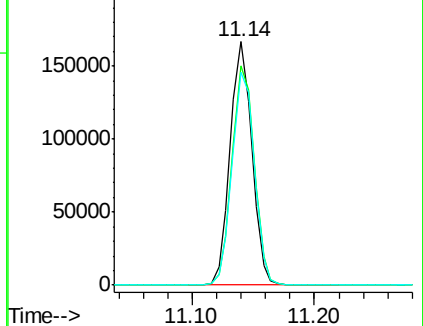
176 89.8 0.0 181.0

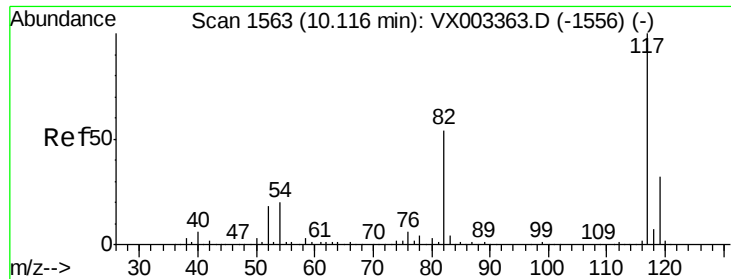


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

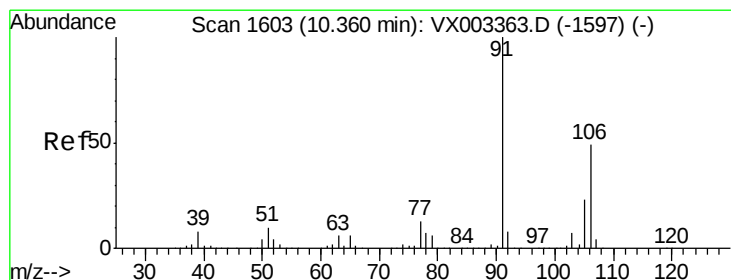
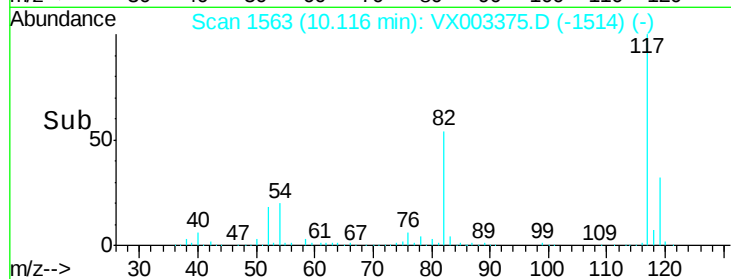
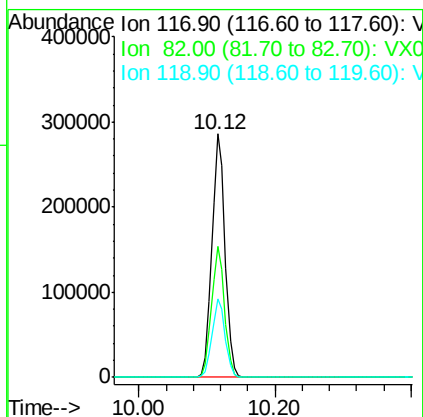
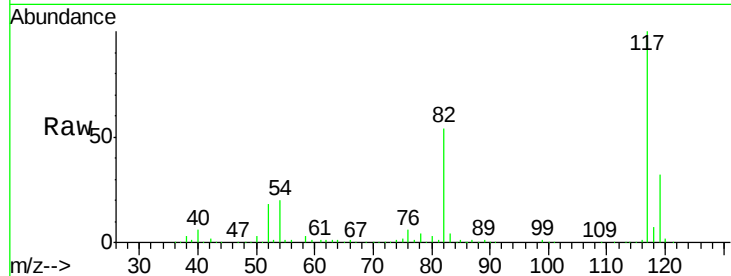




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003375.D
Acq: 13 Jul 2018 21:34

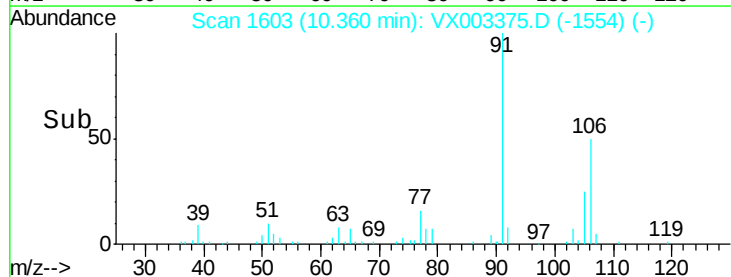
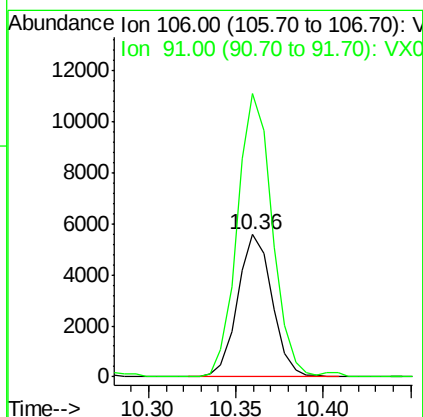
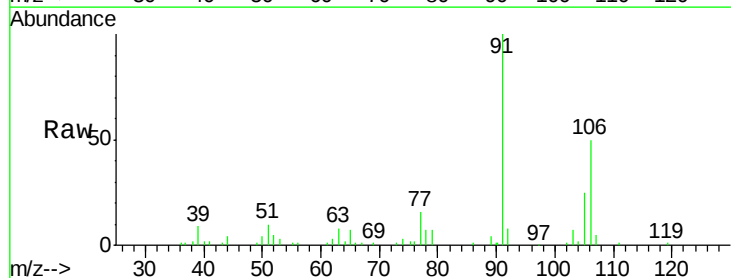
Instrument :
MSVOA_X
ClientSampleId :
PAR-5

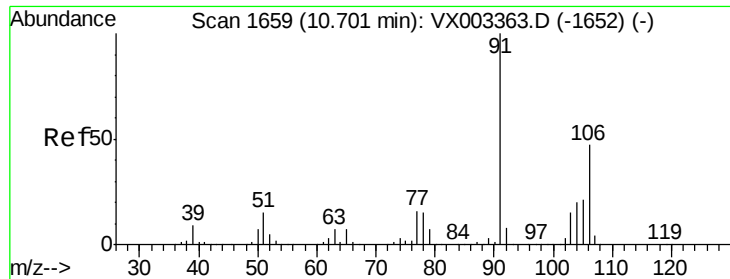
Tot Ion:117 Resp: 382631
Ion Ratio Lower Upper
117 100
82 53.6 45.0 67.4
119 32.1 25.8 38.6



#68
m/p-Xylenes
Concen: 1.24 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX003375.D
Acq: 13 Jul 2018 21:34

Tgt Ion:106 Resp: 7656
Ion Ratio Lower Upper
106 100
91 201.9 163.4 245.2

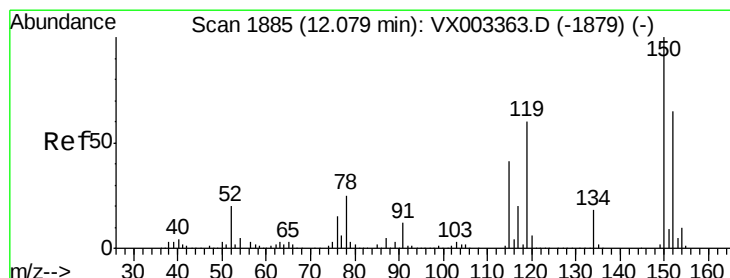
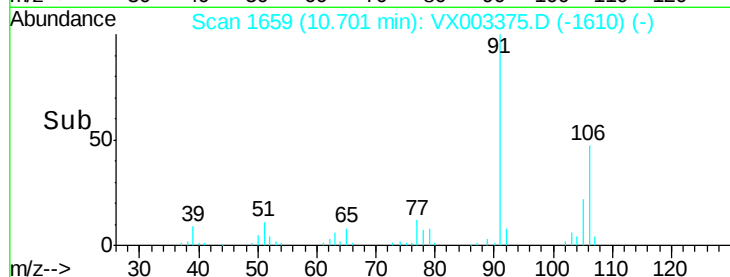
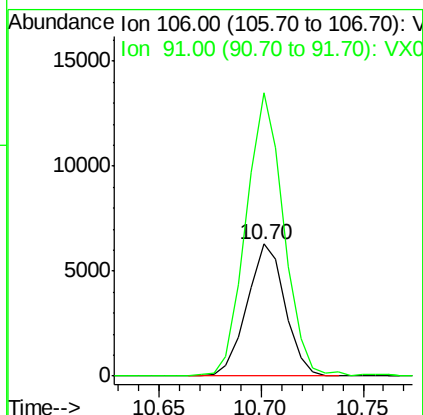
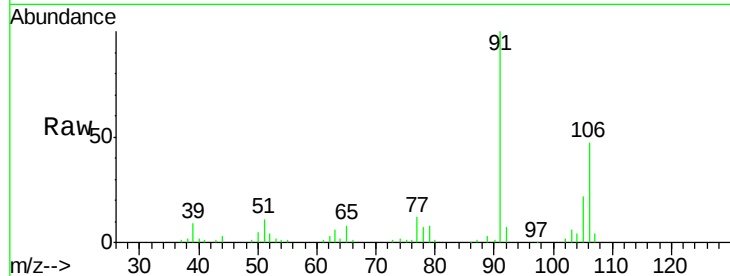




#69
o-Xylene
Concen: 1.36 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX003375.D
Acq: 13 Jul 2018 21:34

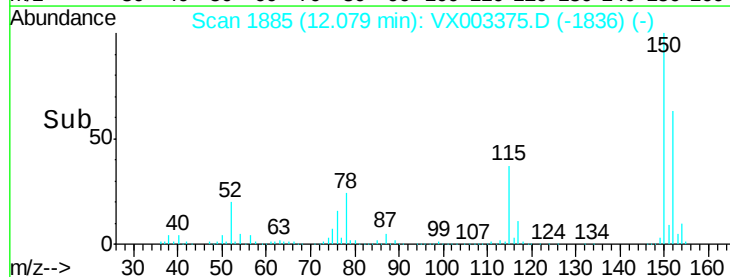
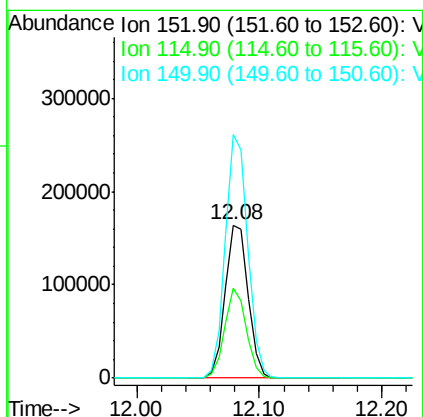
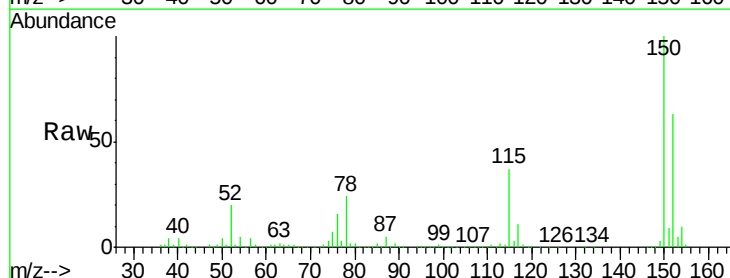
Instrument :
MSVOA_X
ClientSampled :
PAR-5

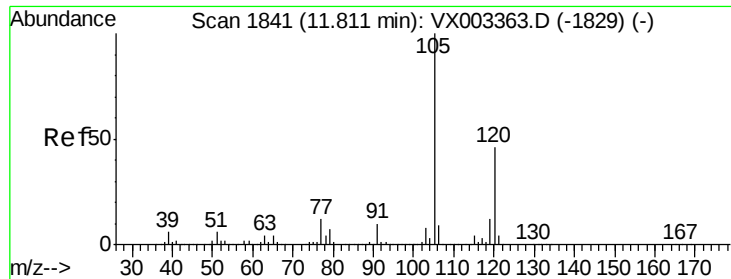
Tot Ion:106 Resp: 8180
Ion Ratio Lower Upper
106 100
91 211.2 108.2 324.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX003375.D
Acq: 13 Jul 2018 21:34

Tgt Ion:152 Resp: 212246
Ion Ratio Lower Upper
152 100
115 55.2 40.1 120.2
150 156.0 0.0 347.2

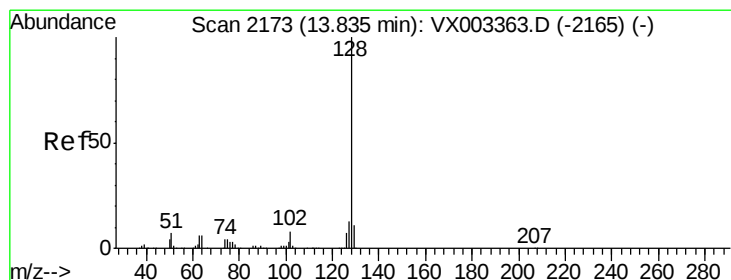
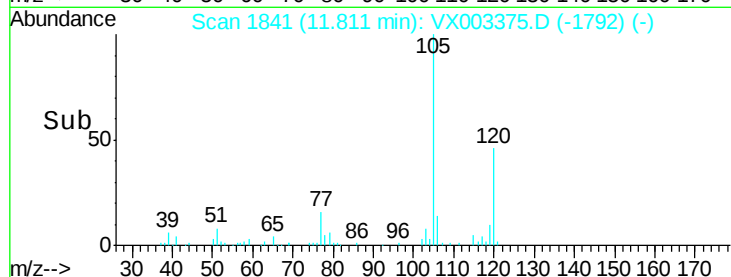
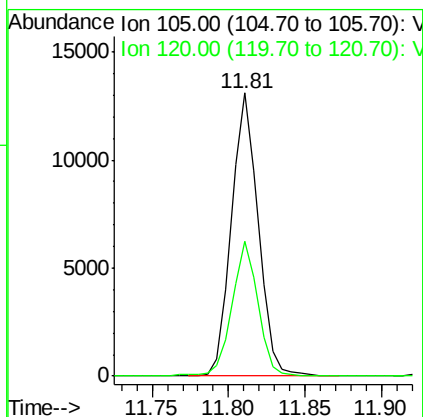
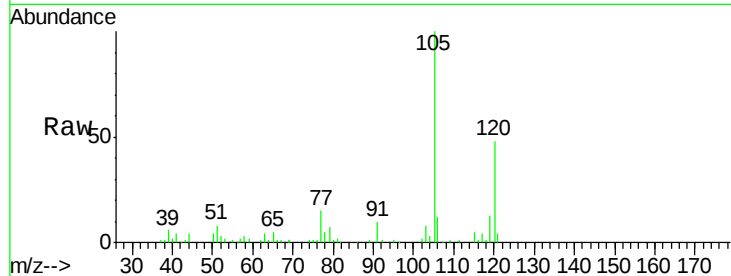




#84
 1,2,4-Trimethylbenzene
 Concen: 1.29 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX003375.D
 Acq: 13 Jul 2018 21:34

Instrument :
 MSVOA_X
 ClientSampled :
 PAR-5

Tot Ion:105 Resp: 15921
 Ion Ratio Lower Upper
 105 100
 120 46.4 22.3 66.8



#95
 Naphthalene
 Concen: 9.67 ug/l
 RT: 13.83 min Scan# 2173
 Delta R.T. -0.00 min
 Lab File: VX003375.D
 Acq: 13 Jul 2018 21:34

Tgt Ion:128 Resp: 143715
 Ion Ratio Lower Upper
 128 100
 127 13.1 10.4 15.6
 129 11.2 8.6 13.0

