

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081418\
 Data File : VX004066.D
 Acq On : 15 Aug 2018 08:45
 Operator : JC/MD
 Sample : J4439-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RB7-SRI3

Quant Time: Aug 15 09:44:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 13:27:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	259601	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	406942	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	388051	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	207016	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	195229	53.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.76%	
35) Dibromofluoromethane	5.51	113	158856	52.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.32%	
50) Toluene-d8	8.72	98	582884	47.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.40%	
62) 4-Bromofluorobenzene	11.14	95	193314	43.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.32%	

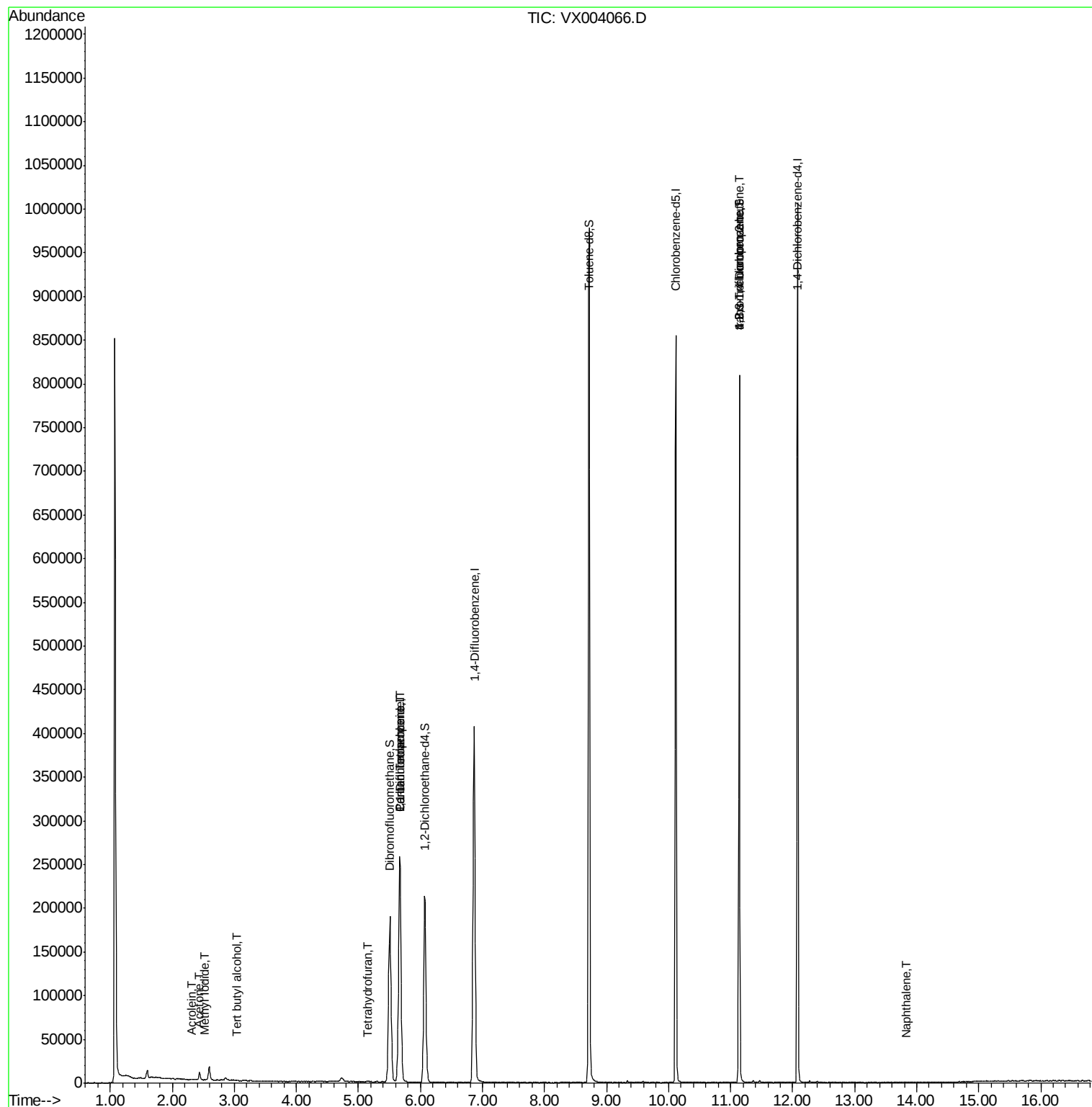
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.62	64	3277	Below Cal	#	57
10) Methyl Iodide	2.52	142	175	5.060	ug/l #	42
11) Tert butyl alcohol	3.03	59	500	0.679	ug/l #	73
13) Acrolein	2.31	56	40	11.026	ug/l	85
16) Acetone	2.43	43	10024	5.271	ug/l	98
20) Methylene Chloride	2.86	84	1291	Below Cal		96
29) Tetrahydrofuran	5.15	42	817	0.517	ug/l #	63
36) 1,1-Dichloropropene	5.67	75	17607	3.802	ug/l #	50
38) Carbon Tetrachloride	5.67	117	23469	5.216	ug/l #	15
76) 1,2,3-Trichloropropane	11.14	75	95219	22.936	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.14	75	95219	70.999	ug/l #	10
95) Naphthalene	13.83	128	302	1.165	ug/l #	69

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

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Quant Title : SW846 8260
QLast Update : Tue Aug 14 13:27:25 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX004066.D

Acq: 15 Aug 2018 08:45

Instrument :

MSVOA_X

ClientSampleId :

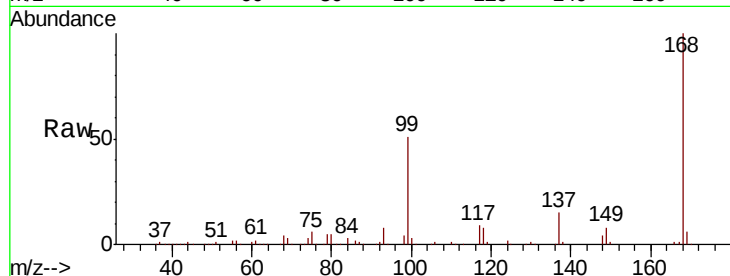
RB7-SRI3

Tgt Ion:168 Resp: 259601

Ion Ratio Lower Upper

168 100

99 51.3 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

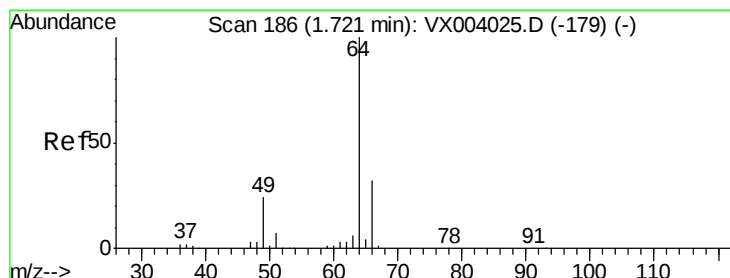
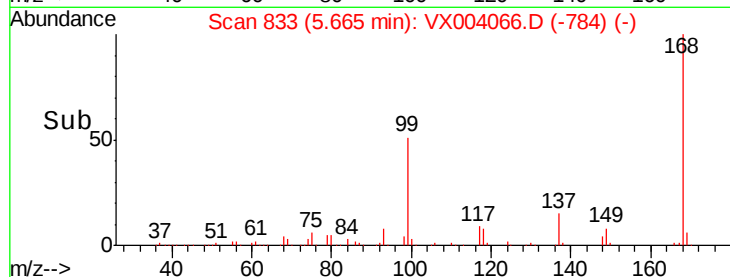
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#6

Chloroethane

Concen: Below Cal

RT: 1.62 min Scan# 169

Delta R.T. -0.10 min

Lab File: VX004066.D

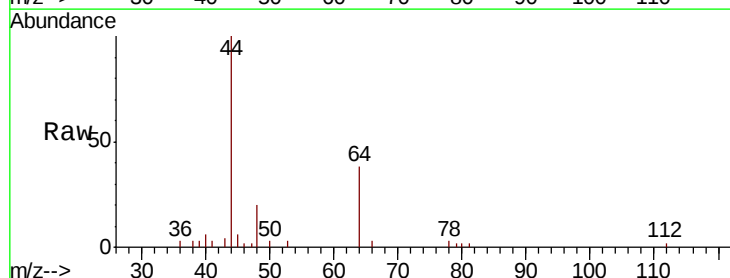
Acq: 15 Aug 2018 08:45

Tgt Ion: 64 Resp: 3277

Ion Ratio Lower Upper

64 100

66 8.6 26.5 39.7#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

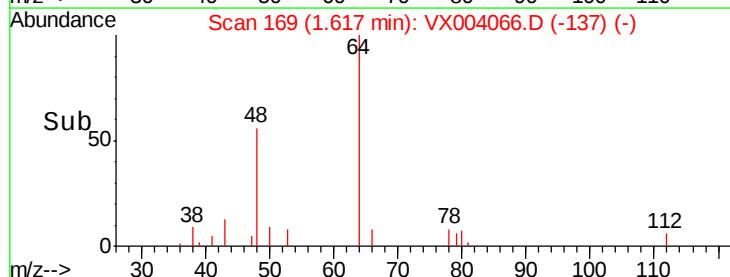
1500

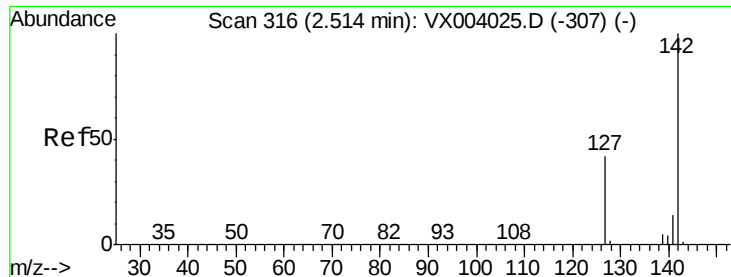
1000

500

0

Time--> 1.50 1.55 1.60 1.65

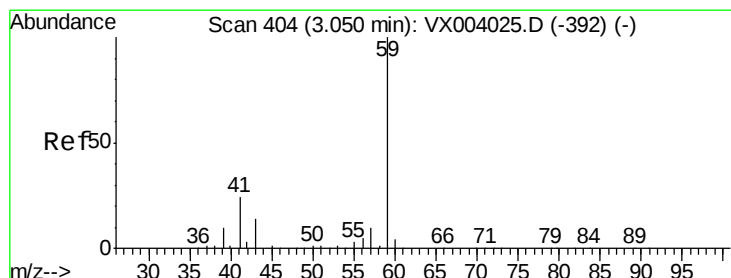
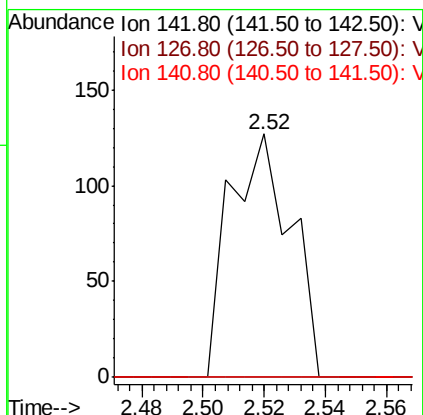
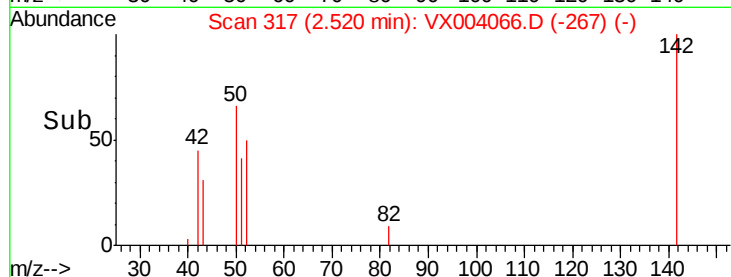
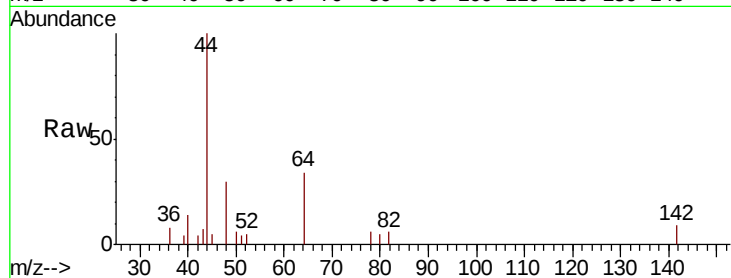




#10
Methyl Iodide
Concen: 5.060 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX004066.D
Acq: 15 Aug 2018 08:45

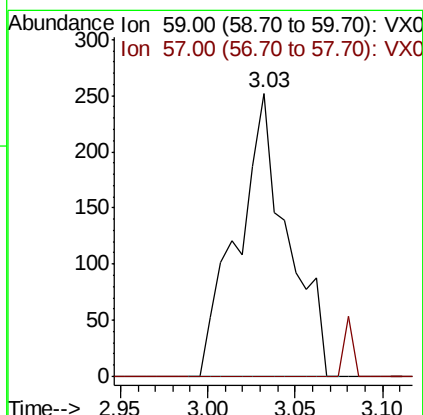
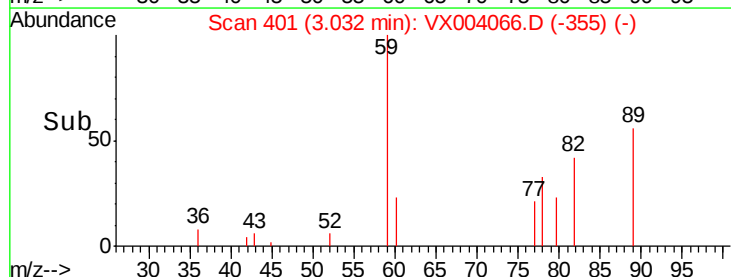
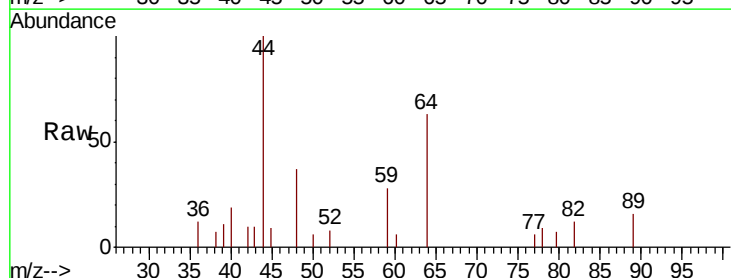
Instrument :
MSVOA_X
ClientSampleId :
RB7-SRI3

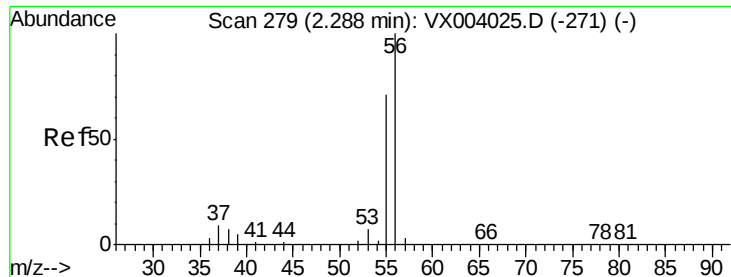
Tgt Ion: 142 Resp: 175
Ion Ratio Lower Upper
142 100
127 0.0 33.1 49.7#
141 0.0 11.1 16.7#



#11
Tert butyl alcohol
Concen: 0.679 ug/l
RT: 3.03 min Scan# 401
Delta R.T. -0.02 min
Lab File: VX004066.D
Acq: 15 Aug 2018 08:45

Tgt Ion: 59 Resp: 500
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#





#13

Acrolein

Concen: 11.026 ug/l

RT: 2.31 min Scan# 283

Delta R.T. 0.02 min

Lab File: VX004066.D

Acq: 15 Aug 2018 08:45

Instrument :

MSVOA_X

ClientSampleId :

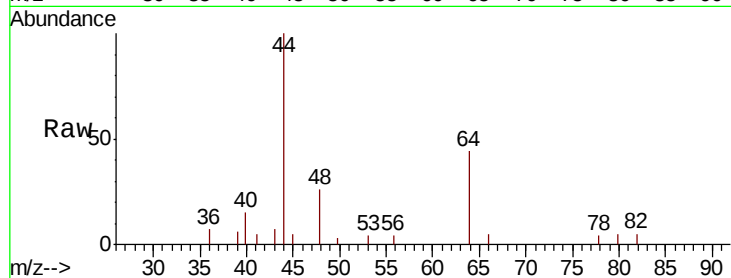
RB7-SRI3

Tgt Ion: 56 Resp: 40

Ion Ratio Lower Upper

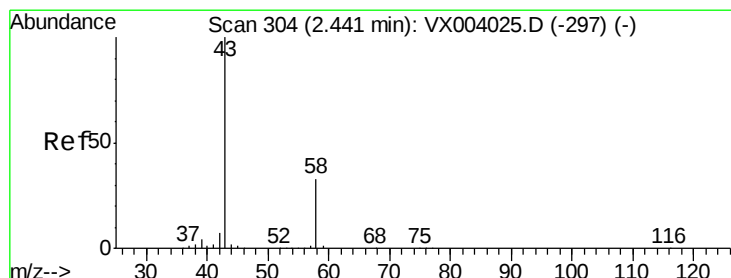
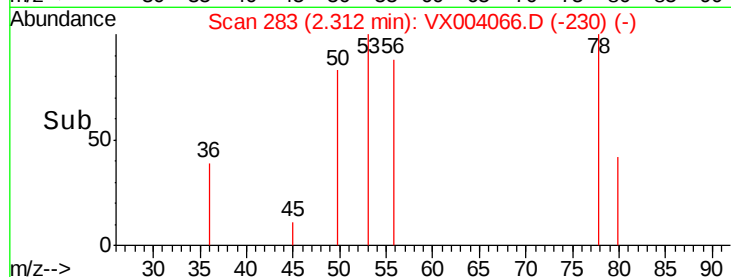
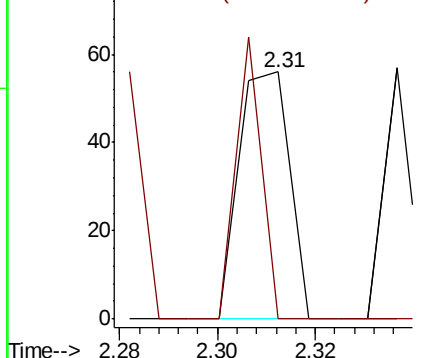
56 100

55 57.5 56.1 84.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#16

Acetone

Concen: 5.271 ug/l

RT: 2.43 min Scan# 303

Delta R.T. -0.01 min

Lab File: VX004066.D

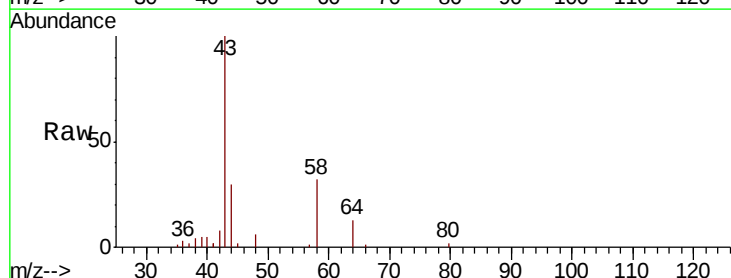
Acq: 15 Aug 2018 08:45

Tgt Ion: 43 Resp: 10024

Ion Ratio Lower Upper

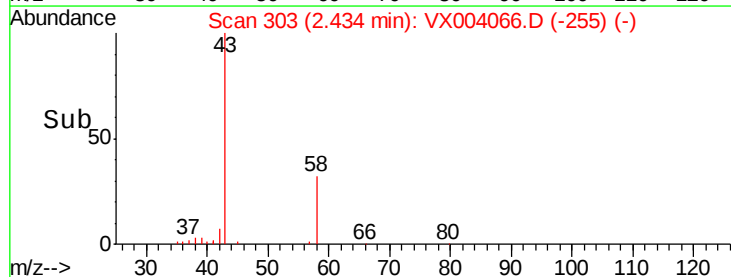
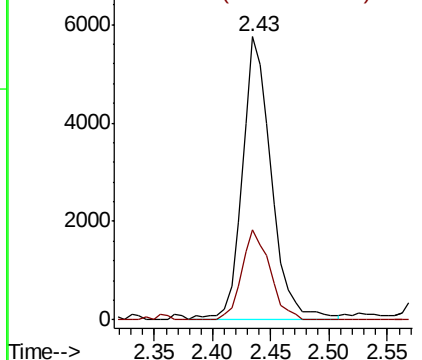
43 100

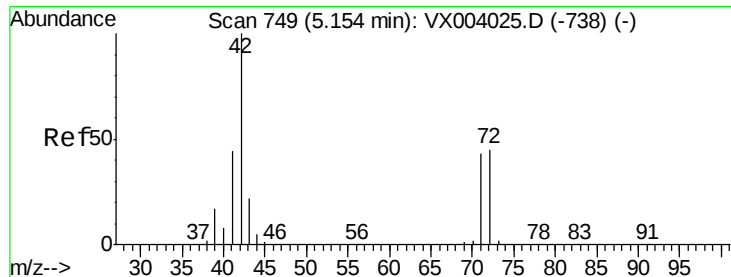
58 31.8 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#29

Tetrahydrofuran

Concen: 0.517 ug/l

RT: 5.15 min Scan# 749

Delta R.T. -0.00 min

Lab File: VX004066.D

Acq: 15 Aug 2018 08:45

Instrument :

MSVOA_X

ClientSampleId :

RB7-SRI3

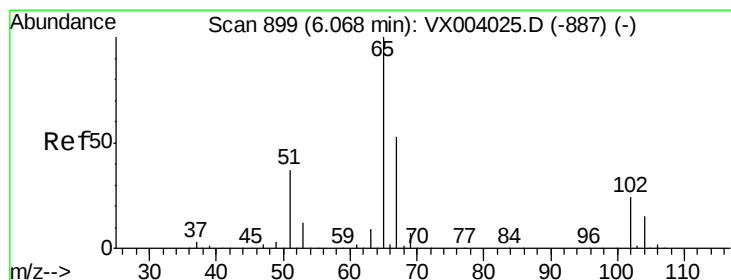
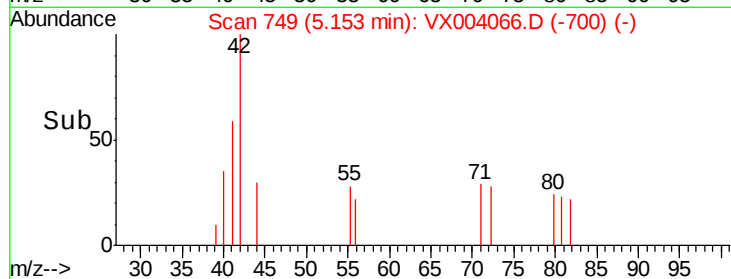
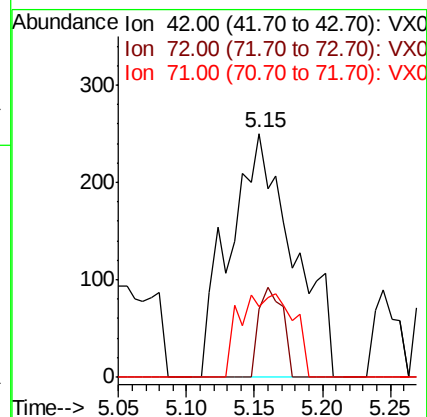
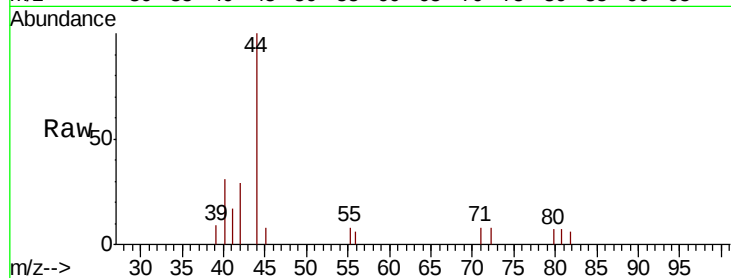
Tgt Ion: 42 Resp: 817

Ion Ratio Lower Upper

42 100

72 14.0 37.7 56.5#

71 28.9 35.0 52.6#



#33

1,2-Dichloroethane-d4

Concen: 53.376 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.00 min

Lab File: VX004066.D

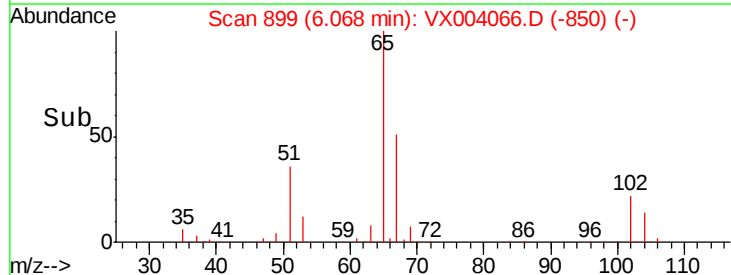
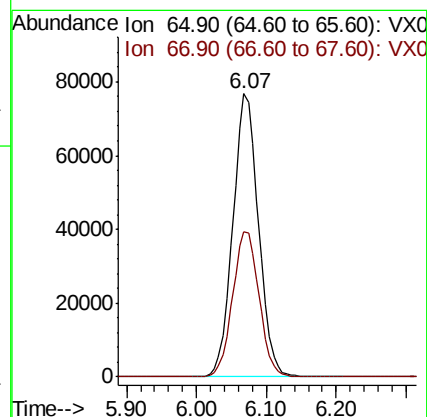
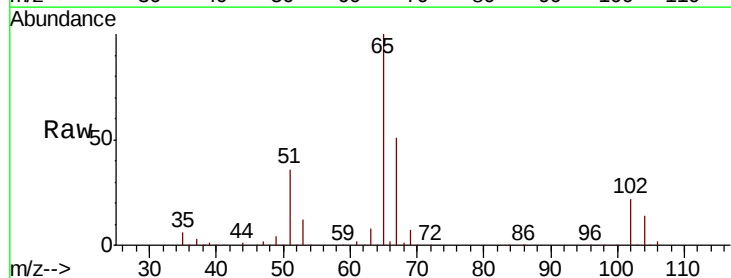
Acq: 15 Aug 2018 08:45

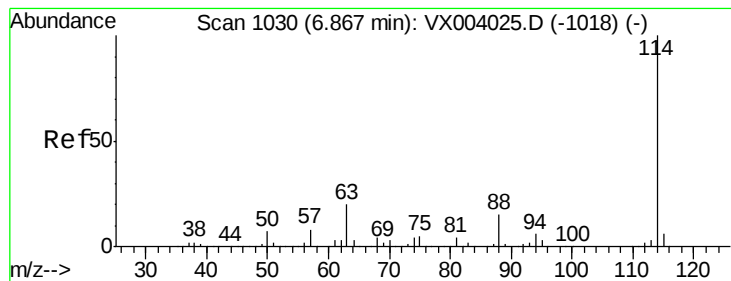
Tgt Ion: 65 Resp: 195229

Ion Ratio Lower Upper

65 100

67 52.8 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX004066.D

Acq: 15 Aug 2018 08:45

Instrument :

MSVOA_X

ClientSampleId :

RB7-SRI3

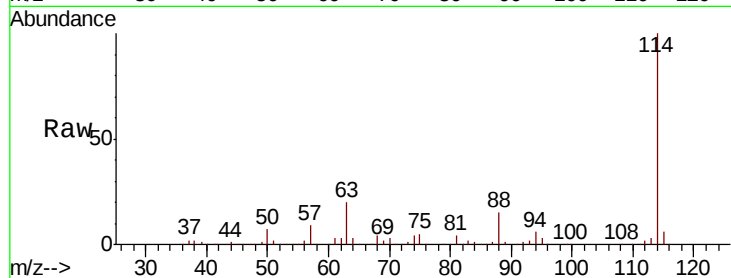
Tgt Ion:114 Resp: 406942

Ion Ratio Lower Upper

114 100

63 20.5 0.0 39.0

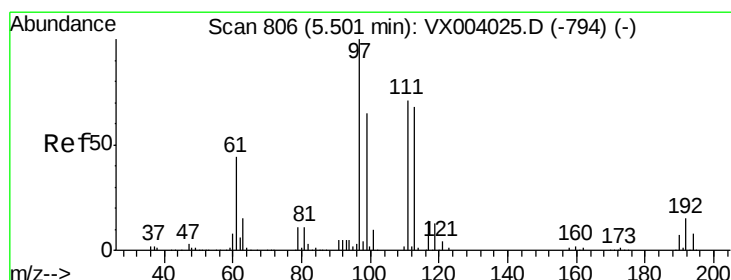
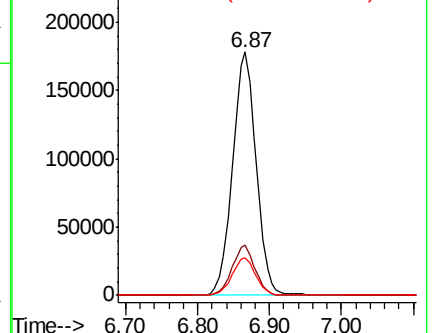
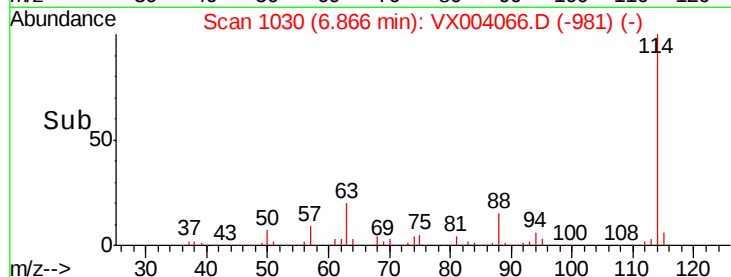
88 15.4 0.0 32.0



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: 52.159 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.01 min

Lab File: VX004066.D

Acq: 15 Aug 2018 08:45

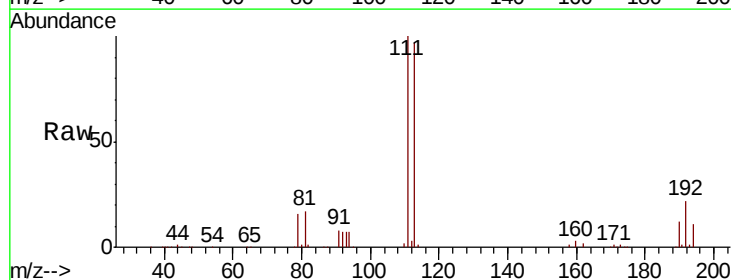
Tgt Ion:113 Resp: 158856

Ion Ratio Lower Upper

113 100

111 102.4 82.0 123.0

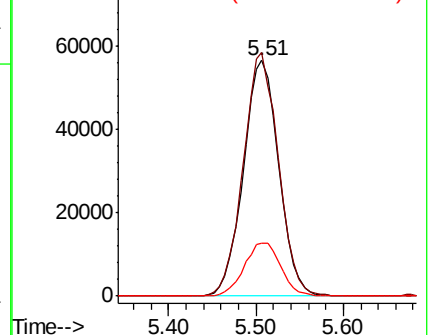
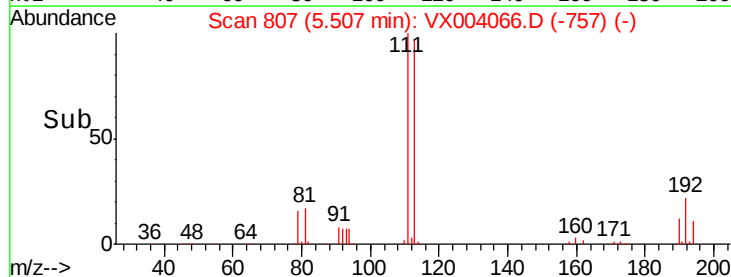
192 23.3 19.0 28.4

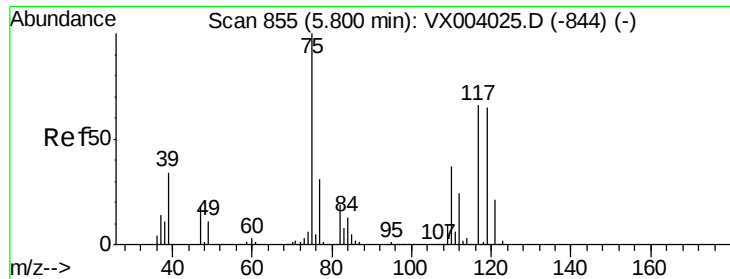


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

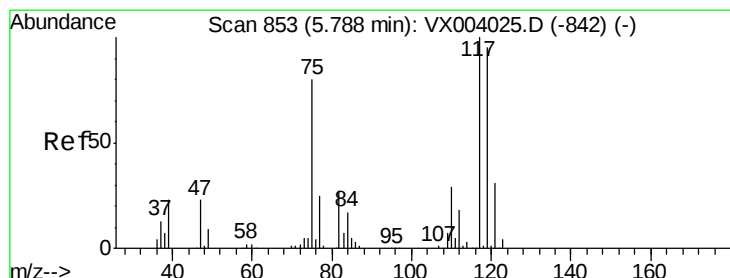
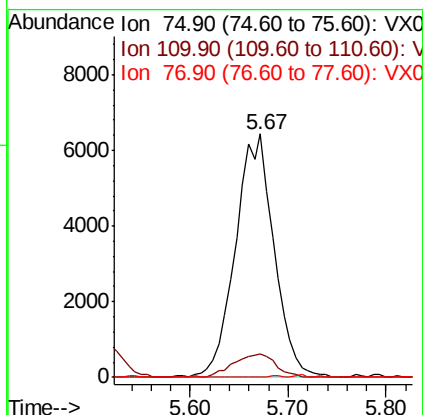
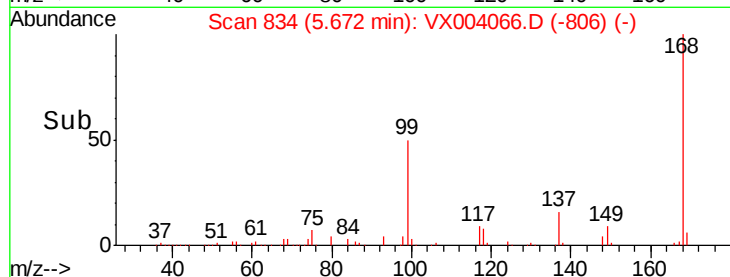
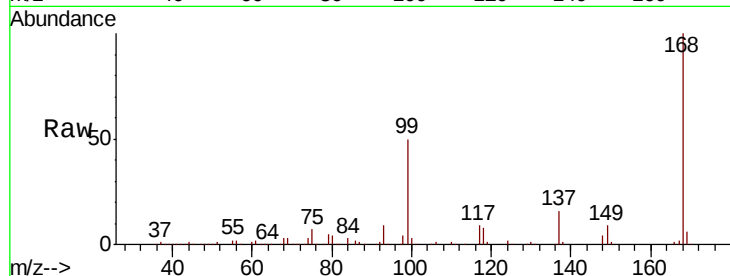




#36
 1,1-Dichloropropene
 Concen: 3.802 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.13 min
 Lab File: VX004066.D
 Acq: 15 Aug 2018 08:45

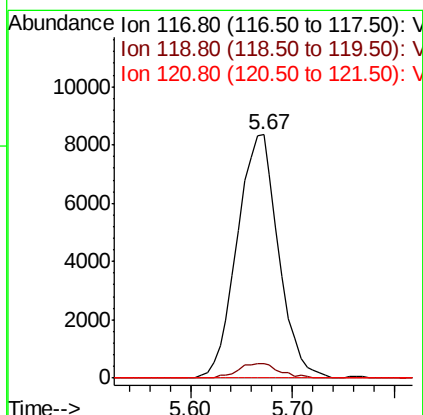
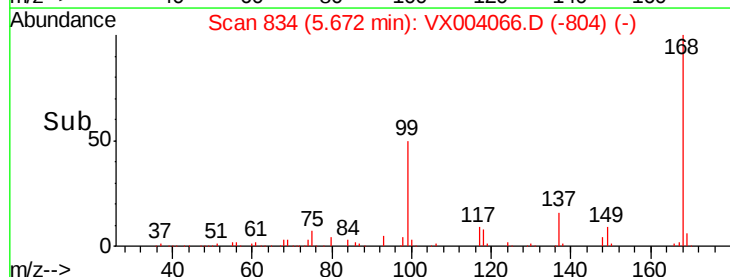
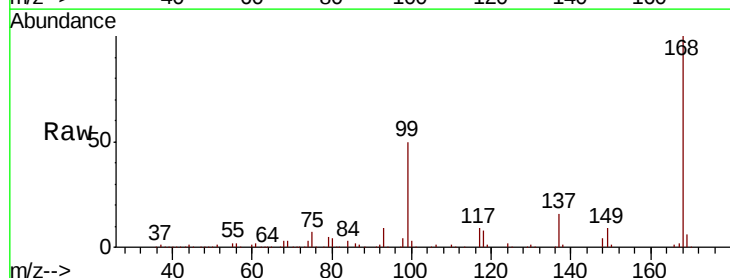
Instrument :
 MSVOA_X
 ClientSampleId :
 RB7-SRI3

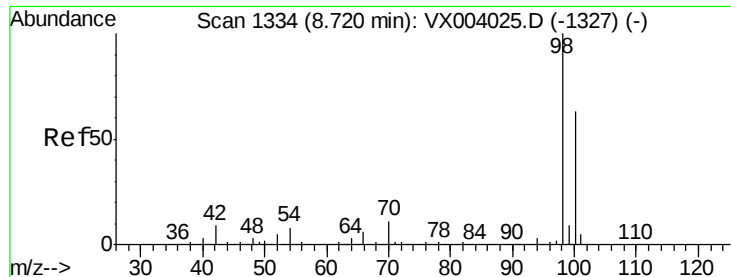
Tgt Ion: 75 Resp: 17607
 Ion Ratio Lower Upper
 75 100
 110 10.3 18.2 54.6#
 77 0.2 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 5.216 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.12 min
 Lab File: VX004066.D
 Acq: 15 Aug 2018 08:45

Tgt Ion: 117 Resp: 23469
 Ion Ratio Lower Upper
 117 100
 119 6.0 79.5 119.3#
 121 0.0 25.0 37.4#





#50

Toluene-d8

Concen: 47.203 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX004066.D

Acq: 15 Aug 2018 08:45

Instrument :

MSVOA_X

ClientSampleId :

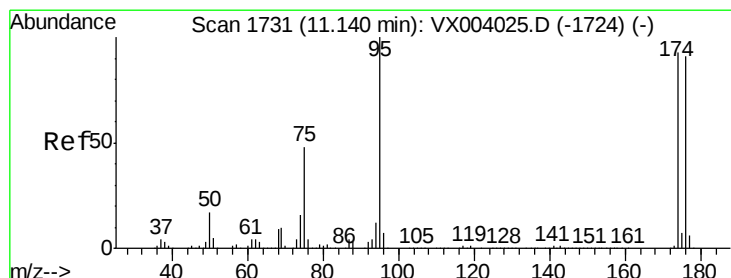
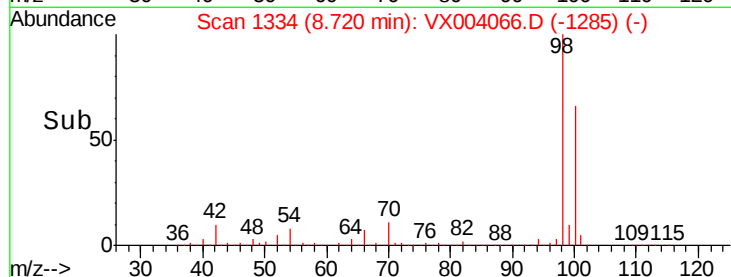
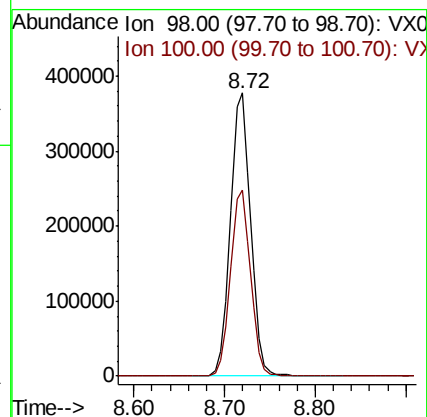
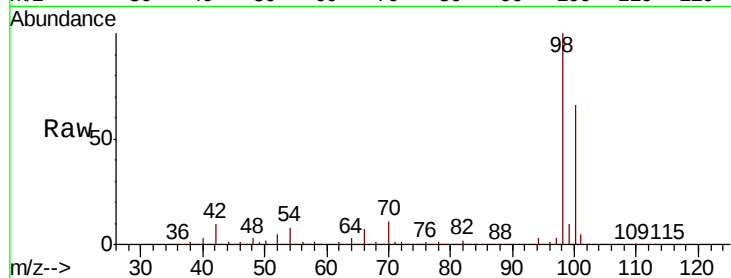
RB7-SRI3

Tgt Ion: 98 Resp: 582884

Ion Ratio Lower Upper

98 100

100 65.4 53.3 79.9



#62

4-Bromofluorobenzene

Concen: 43.163 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX004066.D

Acq: 15 Aug 2018 08:45

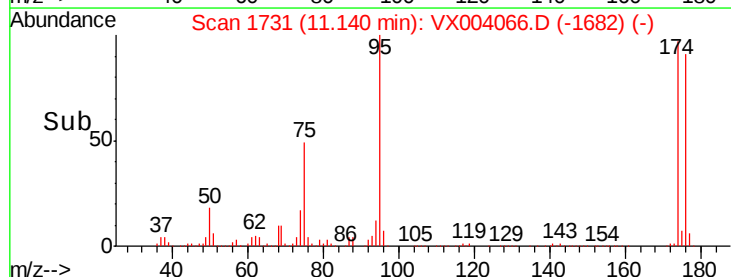
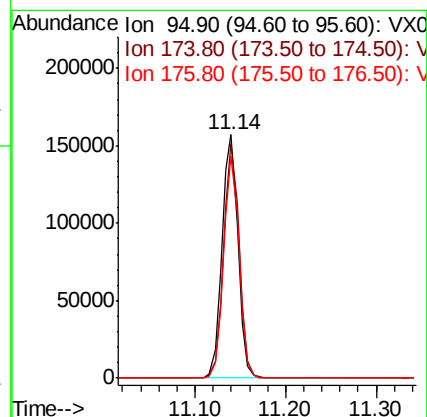
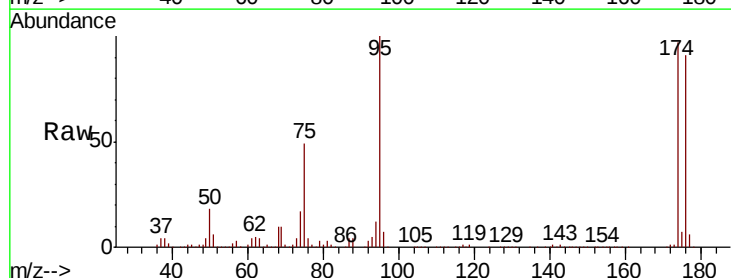
Tgt Ion: 95 Resp: 193314

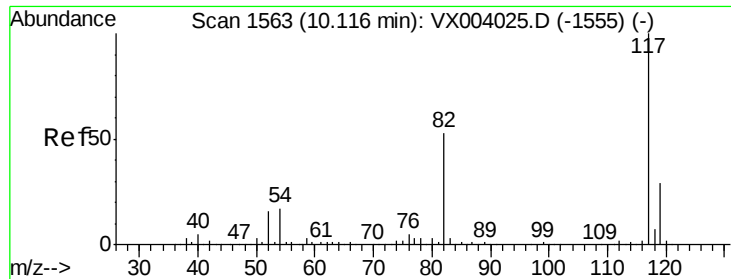
Ion Ratio Lower Upper

95 100

174 94.7 0.0 182.8

176 89.0 0.0 179.0

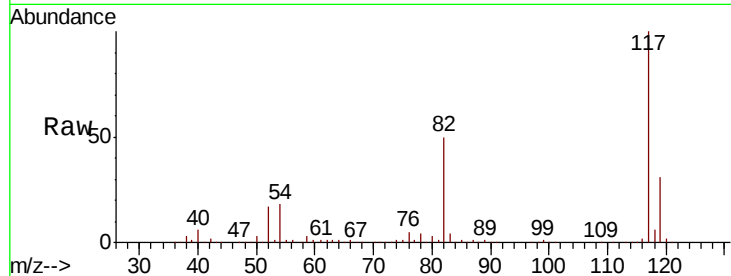




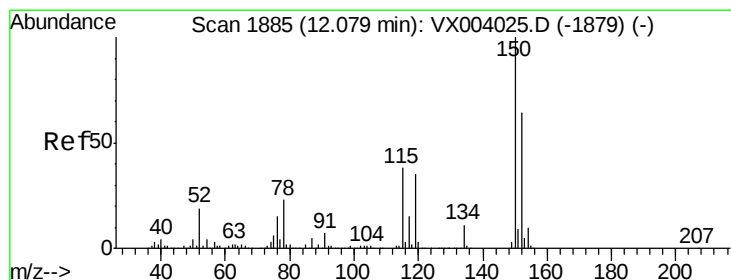
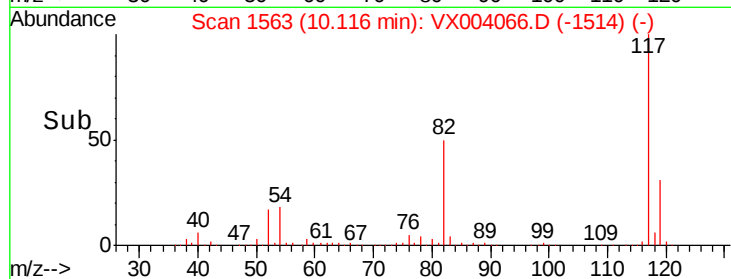
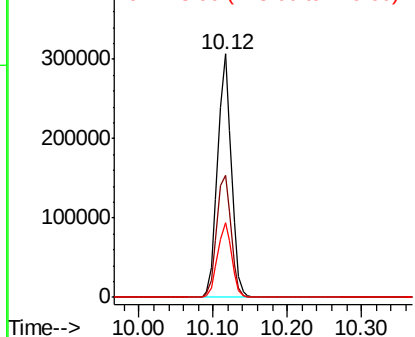
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004066.D
Acq: 15 Aug 2018 08:45

Instrument :
MSVOA_X
ClientSampleId :
RB7-SRI3

Tgt Ion:117 Resp: 388051
Ion Ratio Lower Upper
117 100
82 50.0 45.4 68.0
119 30.7 26.6 40.0

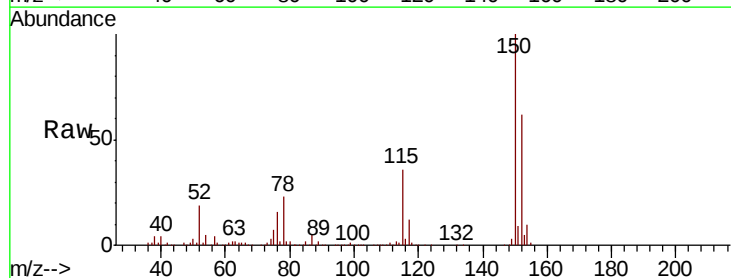


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

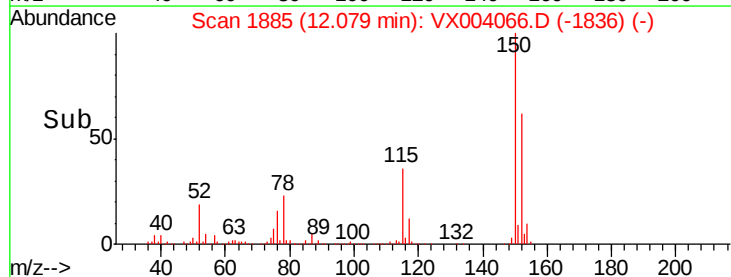
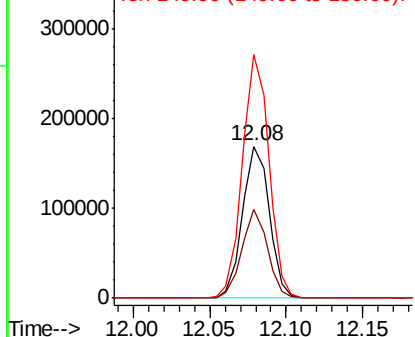


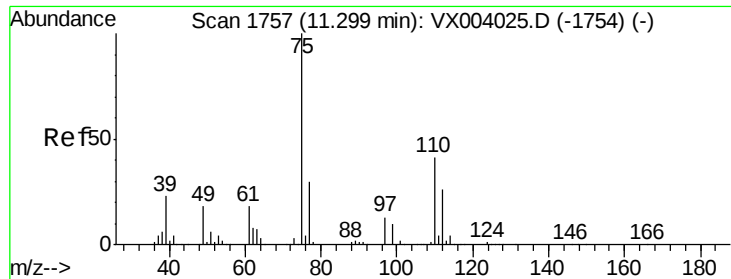
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX004066.D
Acq: 15 Aug 2018 08:45

Tgt Ion:152 Resp: 207016
Ion Ratio Lower Upper
152 100
115 55.3 39.1 117.3
150 158.4 0.0 349.2



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





#76

1,2,3-Trichloropropane

Concen: 22.936 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX004066.D

Acq: 15 Aug 2018 08:45

Instrument :

MSVOA_X

ClientSampleId :

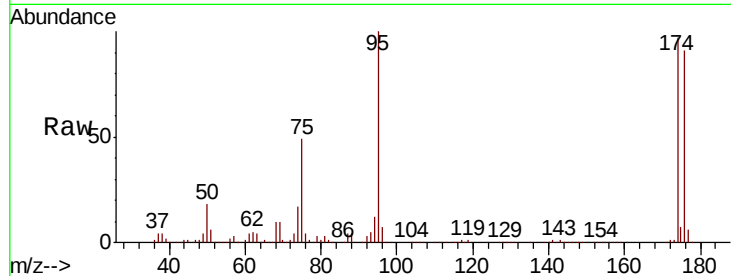
RB7-SRI3

Tgt Ion: 75 Resp: 95219

Ion Ratio Lower Upper

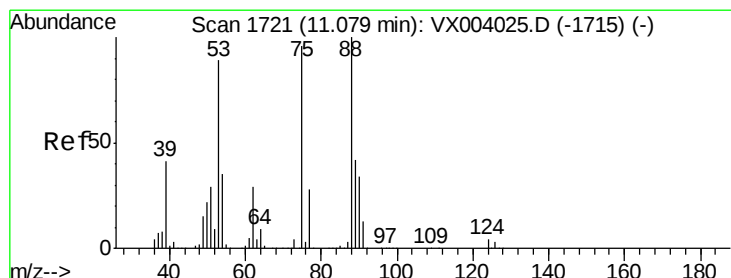
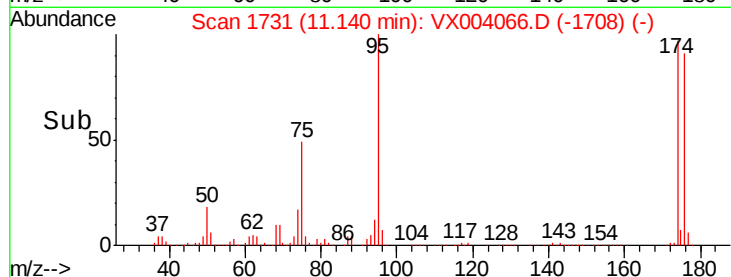
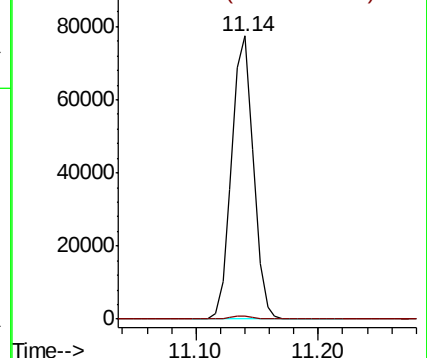
75 100

77 1.2 20.8 62.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#81

trans-1,4-Dichloro-2-butene

Concen: 70.999 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX004066.D

Acq: 15 Aug 2018 08:45

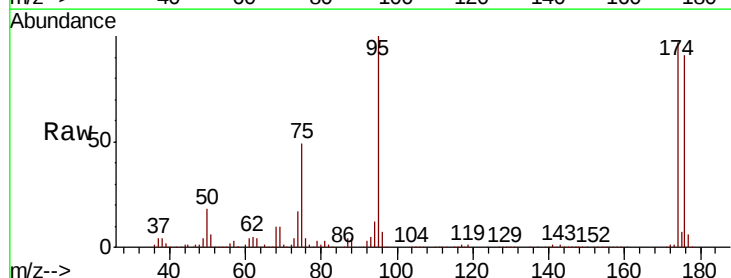
Tgt Ion: 75 Resp: 95219

Ion Ratio Lower Upper

75 100

53 0.3 80.3 120.5#

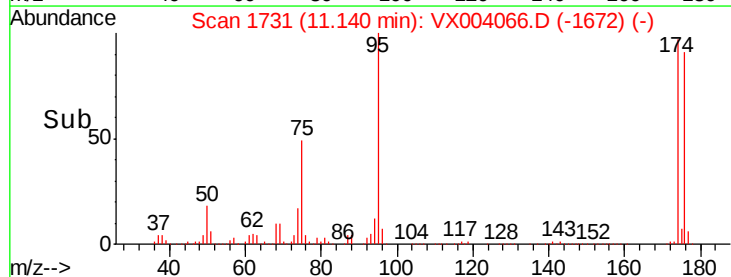
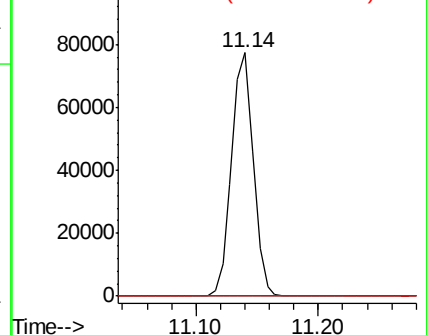
89 0.0 37.8 56.8#

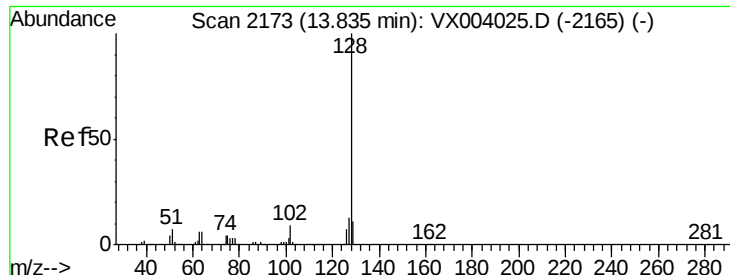


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0





#95

Naphthalene

Concen: 1.165 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. 0.00 min

Lab File: VX004066.D

Acq: 15 Aug 2018 08:45

Instrument :

MSVOA_X

ClientSampleId :

RB7-SRI3

Tgt Ion:128 Resp: 302

Ion Ratio Lower Upper

128 100

127 0.0 10.2 15.2#

129 0.0 8.8 13.2#

