

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081418\
 Data File : VX004057.D
 Acq On : 15 Aug 2018 04:47
 Operator : JC/MD
 Sample : J4439-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RB5-SRI3

Quant Time: Aug 15 09:41:04 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	254302	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	408163	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	372406	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	207093	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	191977	53.58	ug/l	0.00
Spiked Amount			Recovery	=	107.16%	
35) Dibromofluoromethane	5.51	113	162920	53.33	ug/l	0.00
Spiked Amount			Recovery	=	106.66%	
50) Toluene-d8	8.72	98	578735	46.73	ug/l	0.00
Spiked Amount			Recovery	=	93.46%	
62) 4-Bromofluorobenzene	11.14	95	194071	43.20	ug/l	0.00
Spiked Amount			Recovery	=	86.40%	

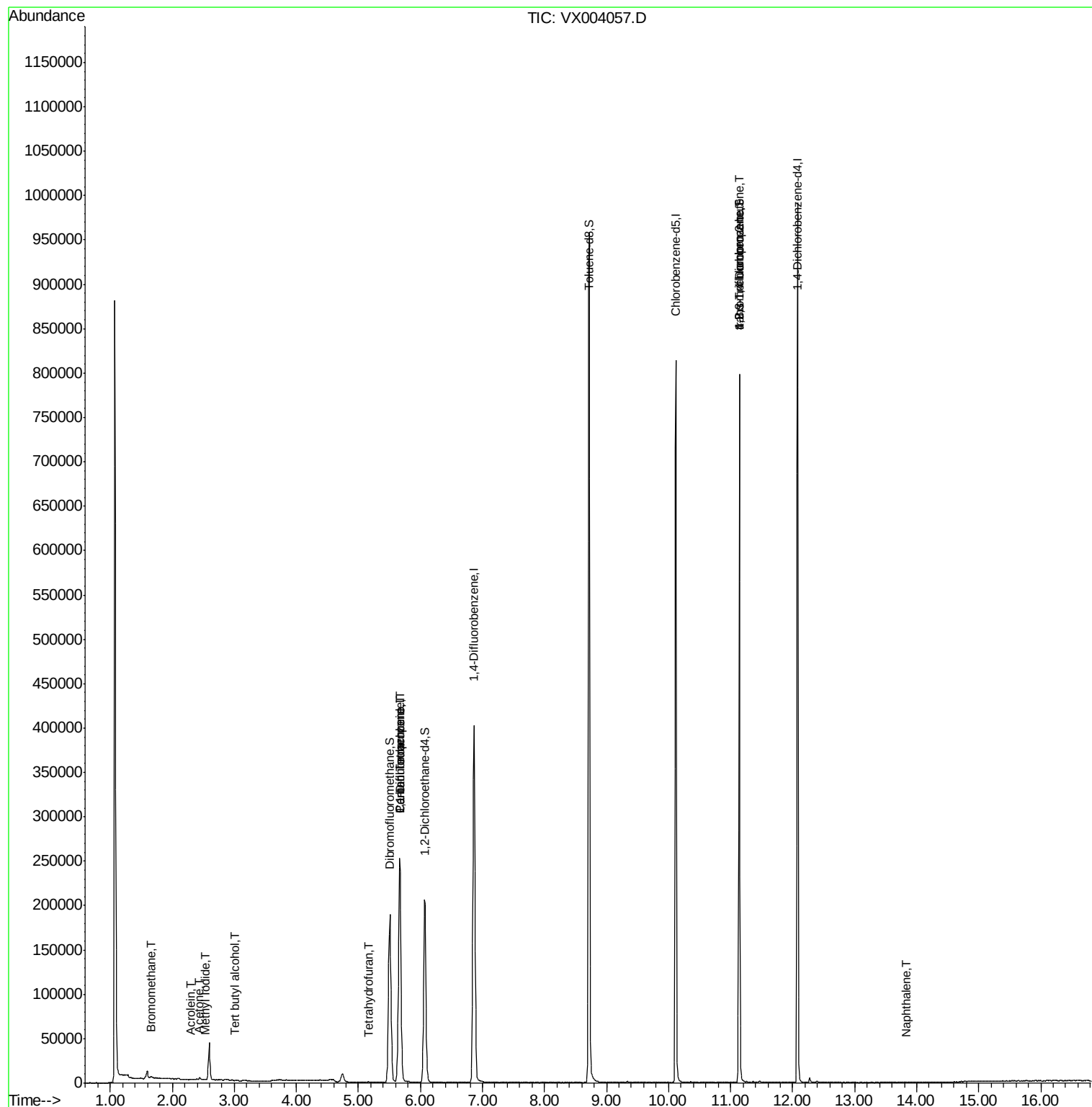
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	831	0.321	ug/l	100
6) Chloroethane	1.64	64	3574	Below Cal	#	52
10) Methyl Iodide	2.53	142	474	5.149	ug/l #	84
11) Tert butyl alcohol	3.01	59	300	0.416	ug/l #	73
13) Acrolein	2.29	56	73	11.092	ug/l #	1
16) Acetone	2.43	43	3247	1.743	ug/l	95
20) Methylene Chloride	2.86	84	546	Below Cal	#	78
29) Tetrahydrofuran	5.17	42	649	0.419	ug/l #	66
36) 1,1-Dichloropropene	5.67	75	17695	3.810	ug/l #	49
38) Carbon Tetrachloride	5.67	117	23229	5.148	ug/l #	16
76) 1,2,3-Trichloropropane	11.14	75	95084	22.895	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.14	75	95084	70.872	ug/l #	9
95) Naphthalene	13.83	128	561	1.182	ug/l #	88

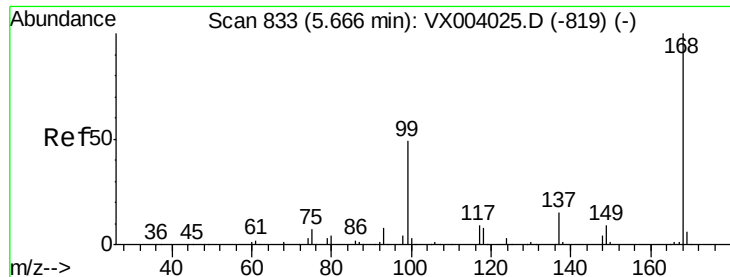
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081418\
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX004057.D

Acq: 15 Aug 2018 04:47

Instrument :

MSVOA_X

ClientSampleId :

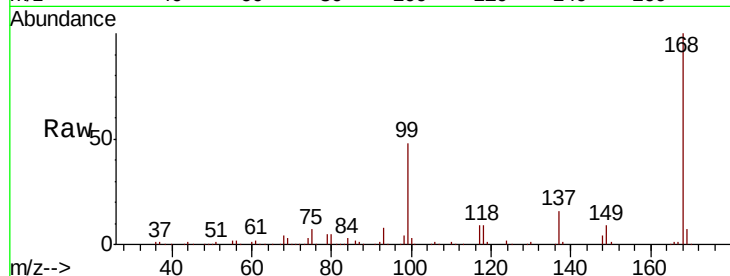
RB5-SRI3

Tgt Ion:168 Resp: 254302

Ion Ratio Lower Upper

168 100

99 47.6 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

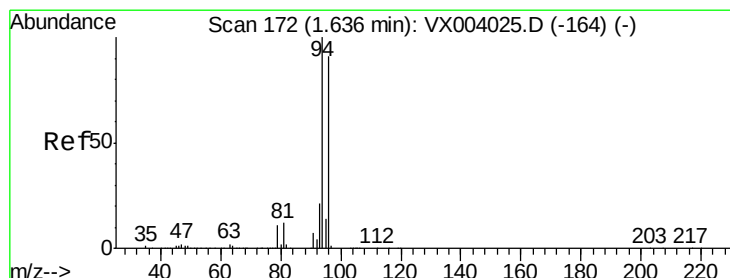
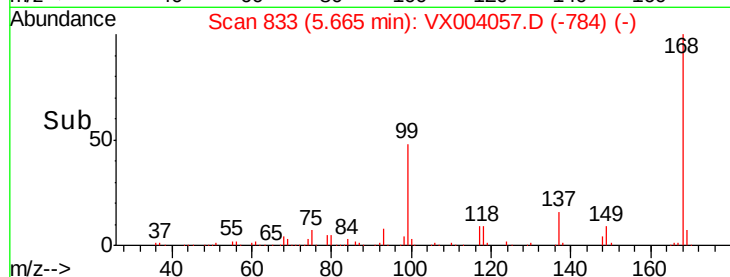
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#5

Bromomethane

Concen: 0.321 ug/l

RT: 1.65 min Scan# 175

Delta R.T. 0.02 min

Lab File: VX004057.D

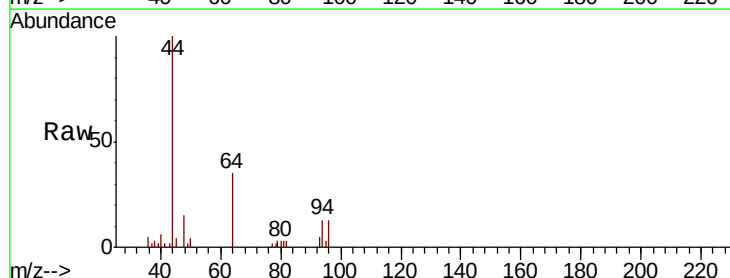
Acq: 15 Aug 2018 04:47

Tgt Ion: 94 Resp: 831

Ion Ratio Lower Upper

94 100

96 94.0 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

400

300

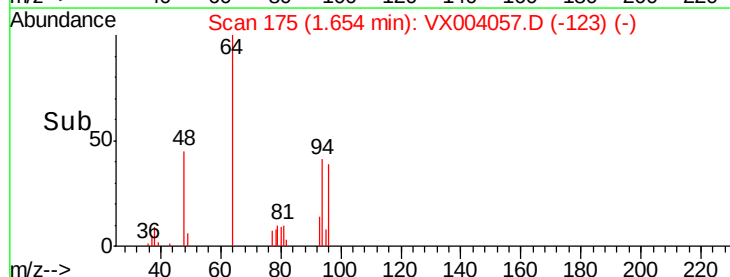
200

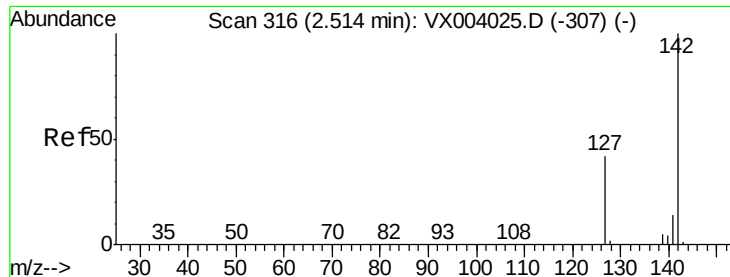
100

0

Time-->

1.60 1.65 1.70

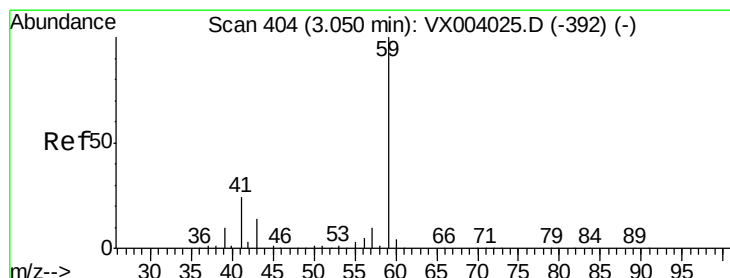
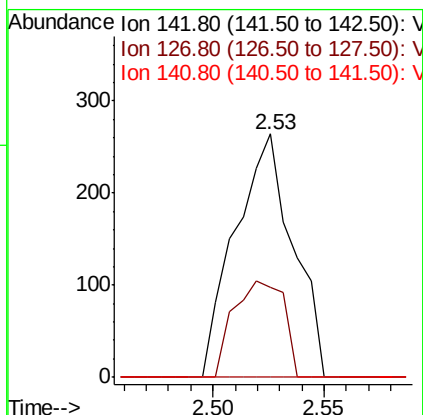
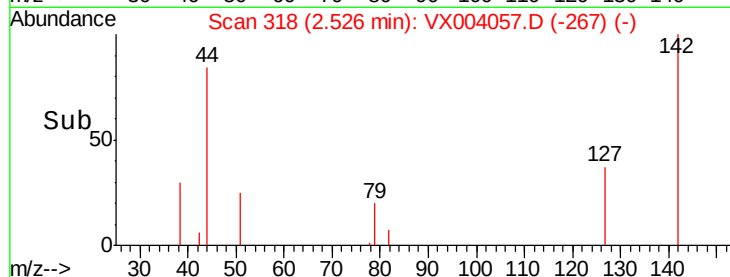
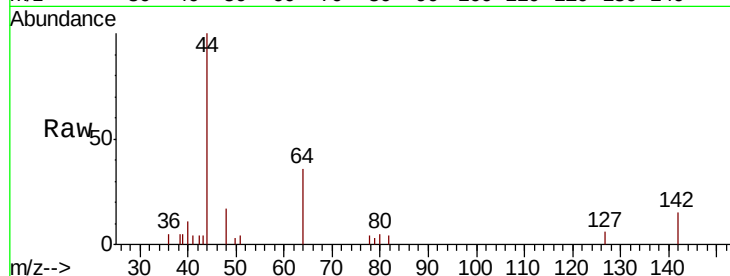




#10
Methyl Iodide
Concen: 5.149 ug/l
RT: 2.53 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX004057.D
Acq: 15 Aug 2018 04:47

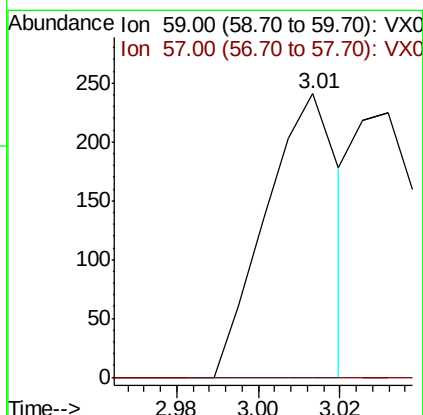
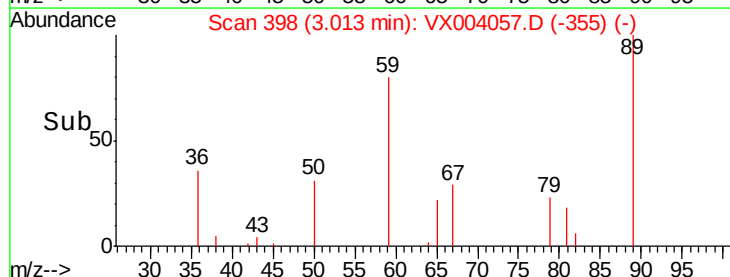
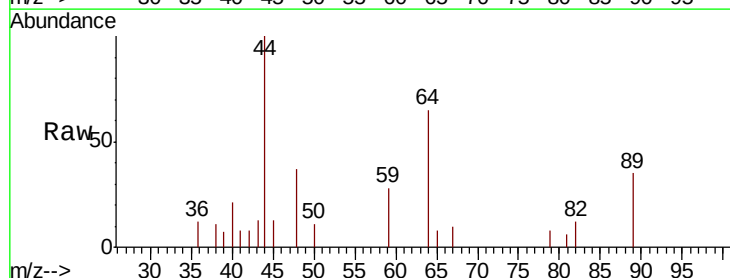
Instrument :
MSVOA_X
ClientSampleId :
RB5-SRI3

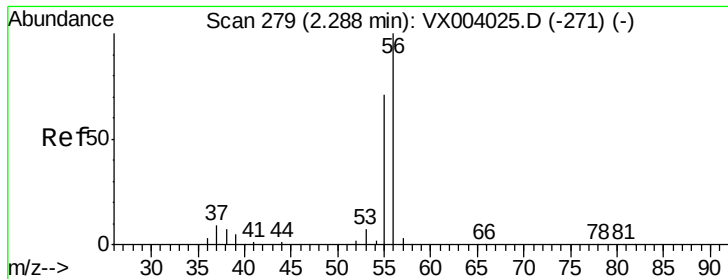
Tgt Ion: 142 Resp: 474
Ion Ratio Lower Upper
142 100
127 34.8 33.1 49.7
141 0.0 11.1 16.7#



#11
Tert butyl alcohol
Concen: 0.416 ug/l
RT: 3.01 min Scan# 398
Delta R.T. -0.04 min
Lab File: VX004057.D
Acq: 15 Aug 2018 04:47

Tgt Ion: 59 Resp: 300
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#





#13

Acrolein

Concen: 11.092 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.01 min

Lab File: VX004057.D

Acq: 15 Aug 2018 04:47

Instrument :

MSVOA_X

ClientSampleId :

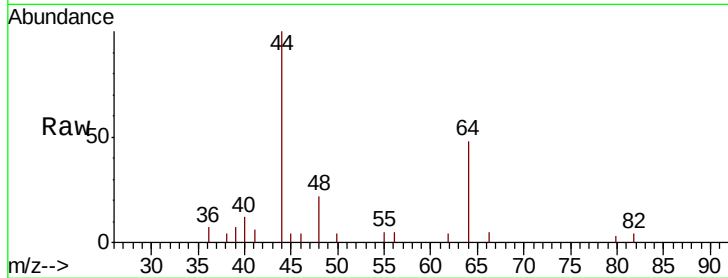
RB5-SRI3

Tgt Ion: 56 Resp: 73

Ion Ratio Lower Upper

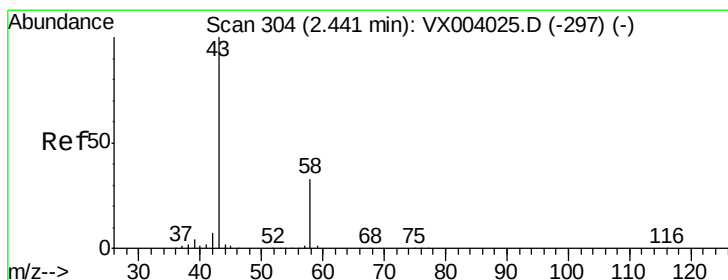
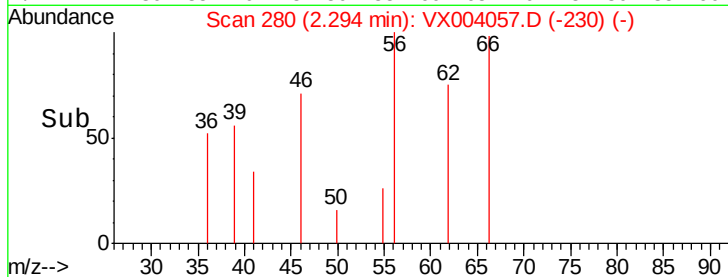
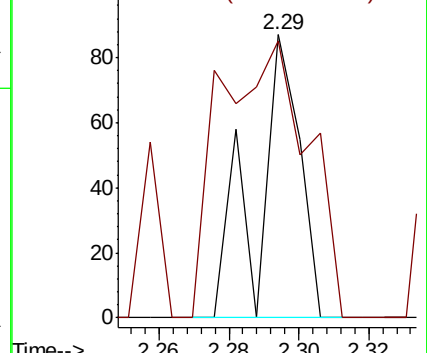
56 100

55 202.7 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: 1.743 ug/l

RT: 2.43 min Scan# 303

Delta R.T. -0.01 min

Lab File: VX004057.D

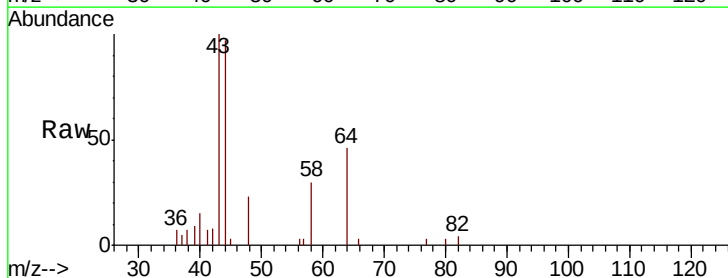
Acq: 15 Aug 2018 04:47

Tgt Ion: 43 Resp: 3247

Ion Ratio Lower Upper

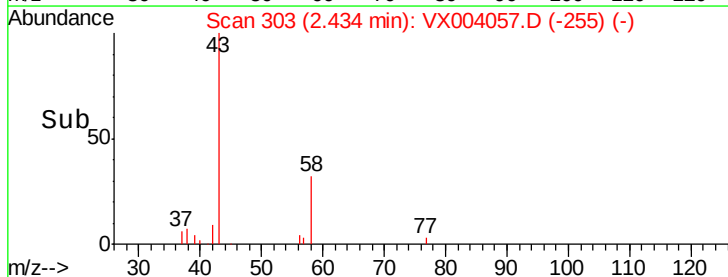
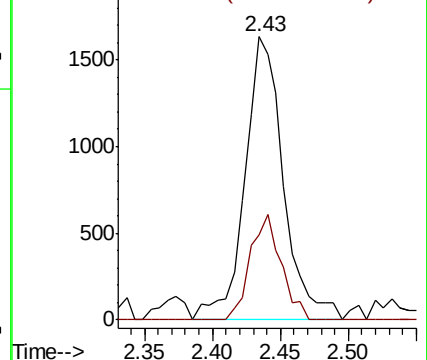
43 100

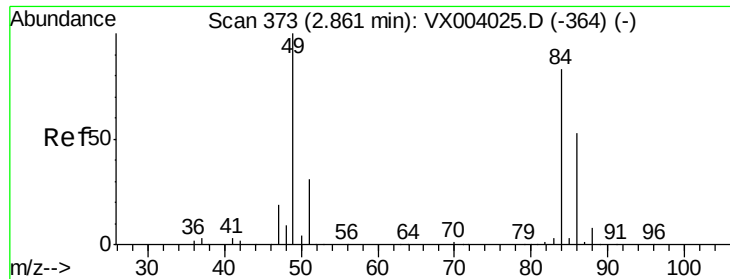
58 30.3 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

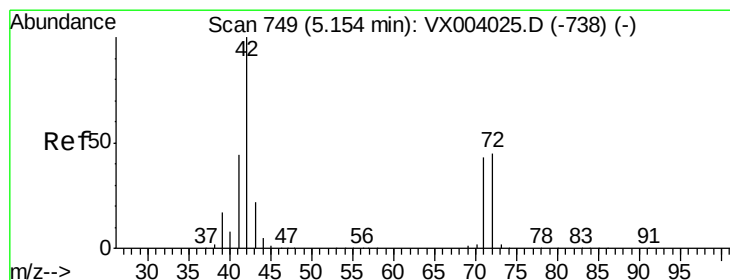
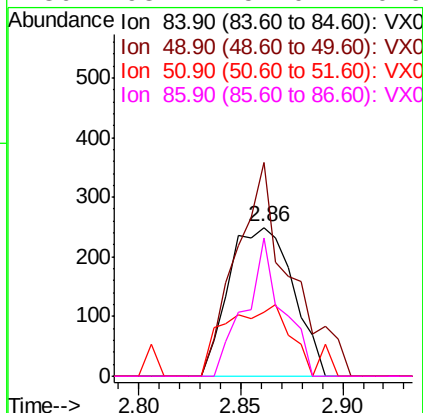
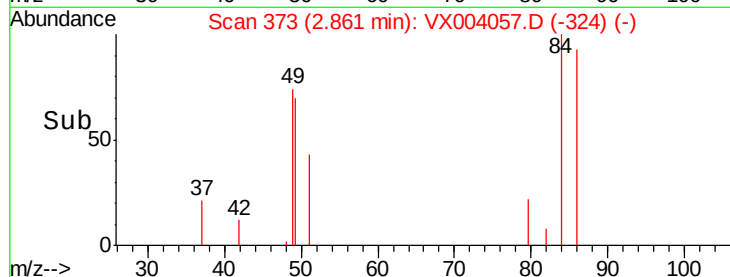
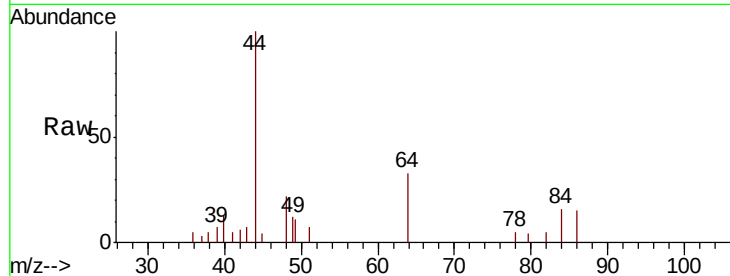




#20
Methylene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX004057.D
Acq: 15 Aug 2018 04:47

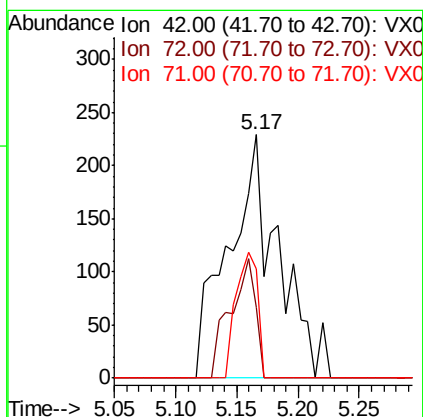
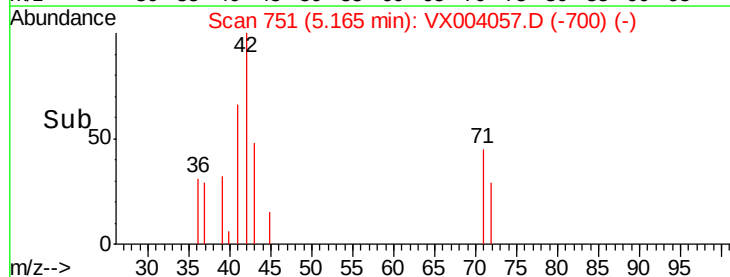
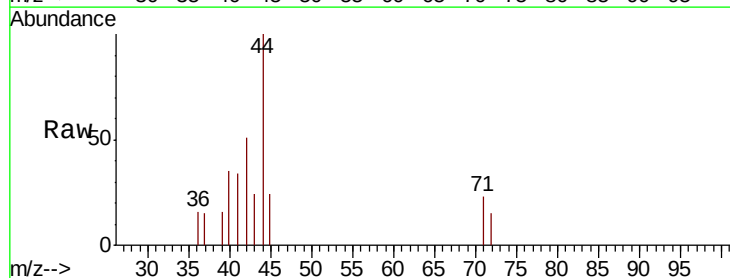
Instrument :
MSVOA_X
ClientSampled :
RB5-SRI3

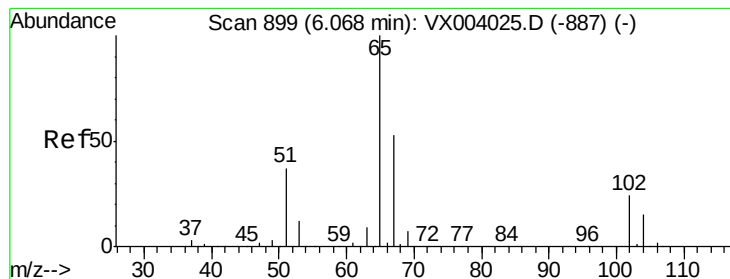
Tgt Ion: 84 Resp: 546
Ion Ratio Lower Upper
84 100
49 143.8 98.9 148.3
51 43.0 29.9 44.9
86 93.2 51.0 76.6#



#29
Tetrahydrofuran
Concen: 0.419 ug/l
RT: 5.17 min Scan# 751
Delta R.T. 0.01 min
Lab File: VX004057.D
Acq: 15 Aug 2018 04:47

Tgt Ion: 42 Resp: 649
Ion Ratio Lower Upper
42 100
72 24.8 37.7 56.5#
71 21.7 35.0 52.6#





#33

1,2-Dichloroethane-d4

Concen: 53.580 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.00 min

Lab File: VX004057.D

Acq: 15 Aug 2018 04:47

Instrument :

MSVOA_X

ClientSampleId :

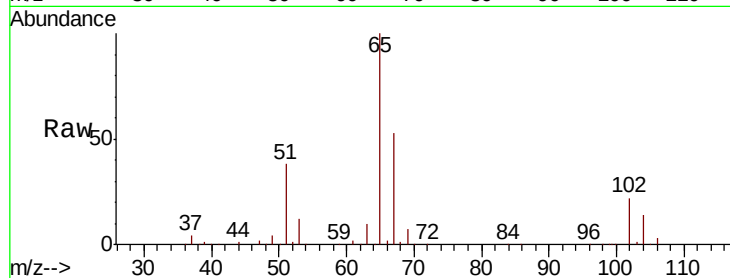
RB5-SRI3

Tgt Ion: 65 Resp: 191977

Ion Ratio Lower Upper

65 100

67 52.7 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

80000

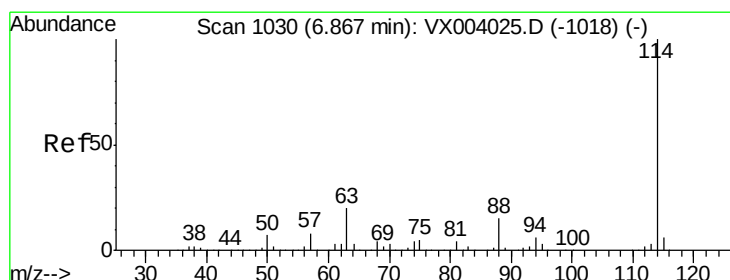
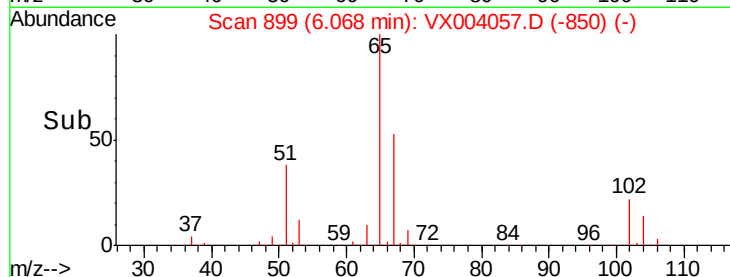
60000

40000

20000

0

Time--> 5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VX004057.D

Acq: 15 Aug 2018 04:47

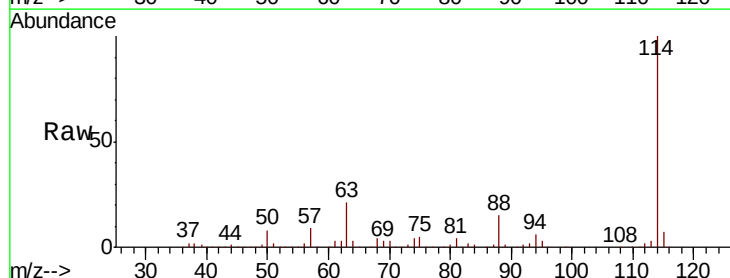
Tgt Ion: 114 Resp: 408163

Ion Ratio Lower Upper

114 100

63 21.1 0.0 39.0

88 15.5 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

6.86

200000

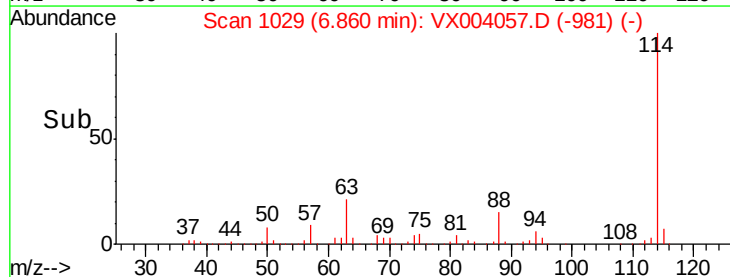
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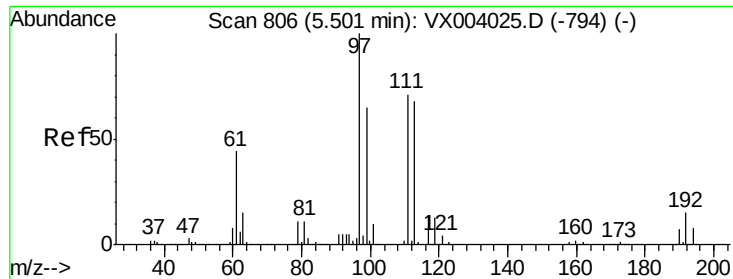
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50000

0

Time--> 6.70 6.80 6.90 7.00

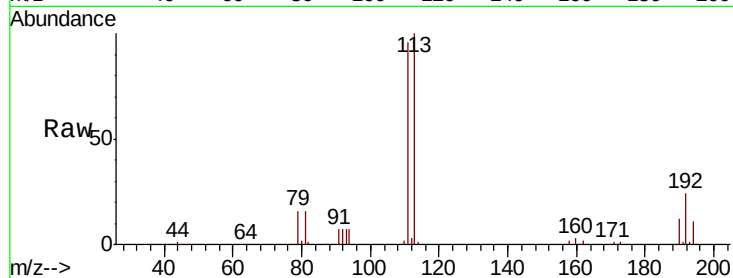




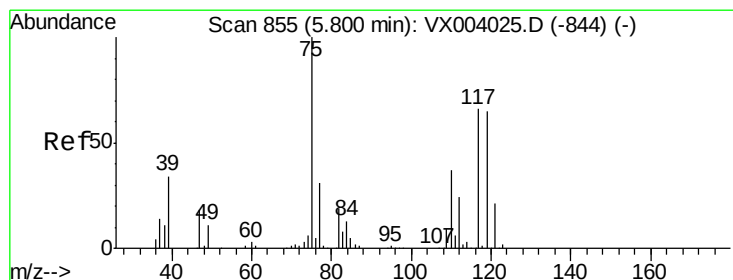
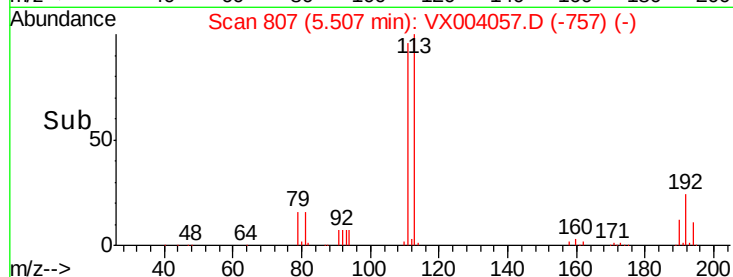
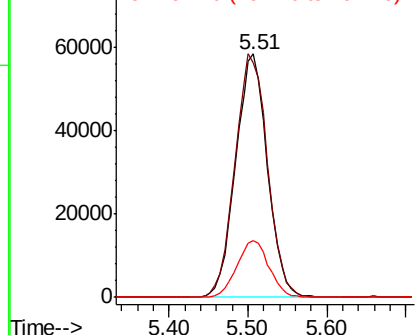
#35
 Dibromofluoromethane
 Concen: 53.333 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VX004057.D
 Acq: 15 Aug 2018 04:47

Instrument :
 MSVOA_X
 ClientSampleId :
 RB5-SRI3

Tgt Ion:113 Resp: 162920
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.0 123.0
 192 23.7 19.0 28.4

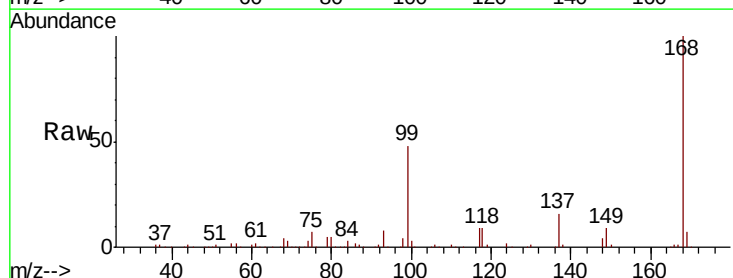


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

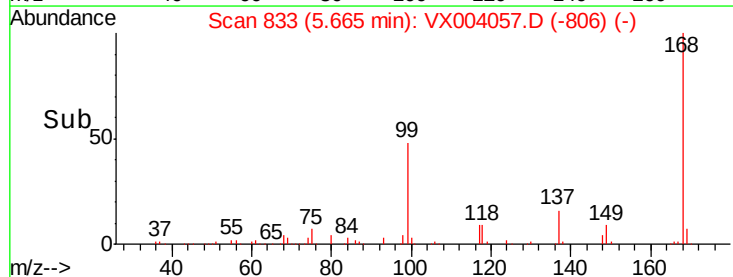
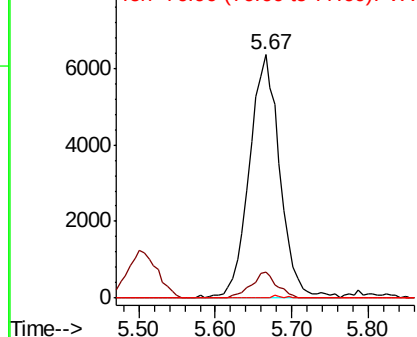


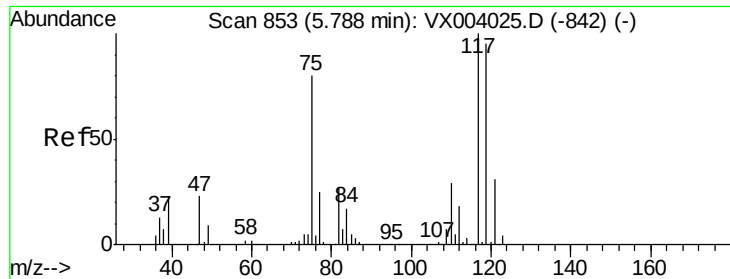
#36
 1,1-Dichloropropene
 Concen: 3.810 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.13 min
 Lab File: VX004057.D
 Acq: 15 Aug 2018 04:47

Tgt Ion: 75 Resp: 17695
 Ion Ratio Lower Upper
 75 100
 110 8.8 18.2 54.6#
 77 0.4 25.0 37.4#



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 5.148 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.12 min

Lab File: VX004057.D

Acq: 15 Aug 2018 04:47

Instrument :

MSVOA_X

ClientSampled :

RB5-SRI3

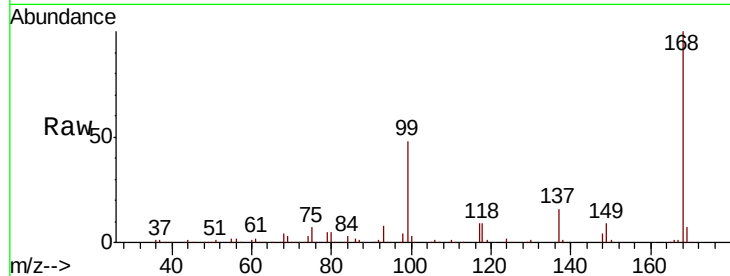
Tgt Ion:117 Resp: 23229

Ion Ratio Lower Upper

117 100

119 6.8 79.5 119.3#

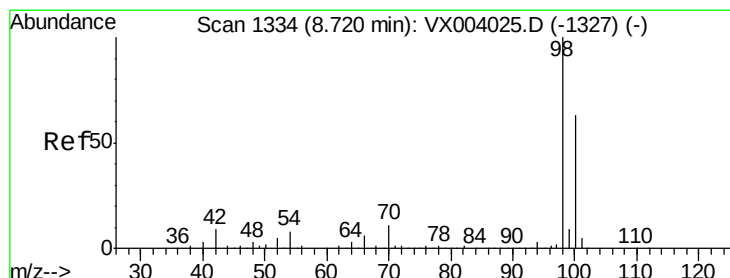
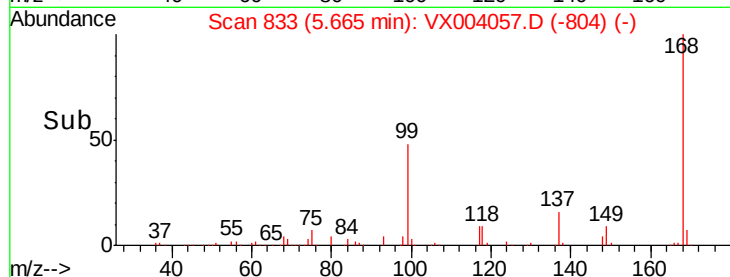
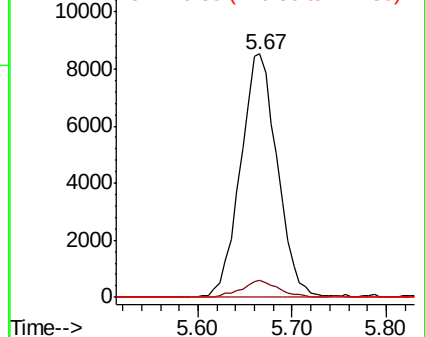
121 0.0 25.0 37.4#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 46.727 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX004057.D

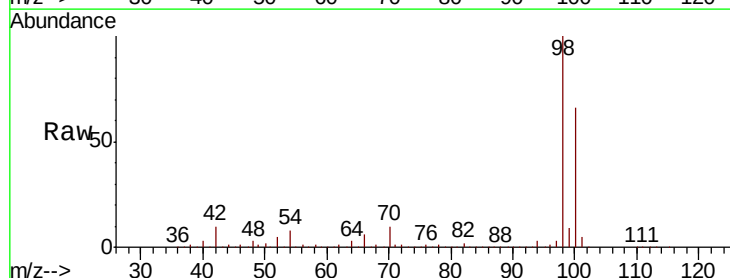
Acq: 15 Aug 2018 04:47

Tgt Ion: 98 Resp: 578735

Ion Ratio Lower Upper

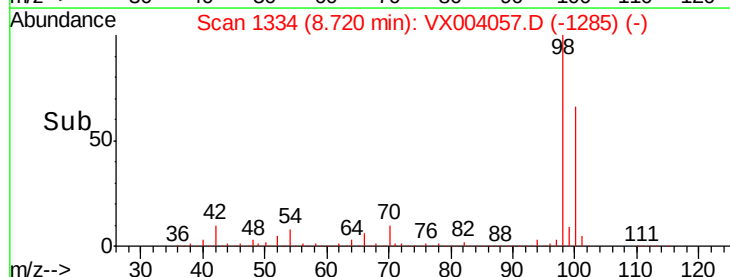
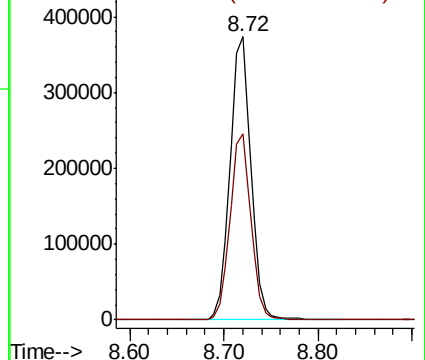
98 100

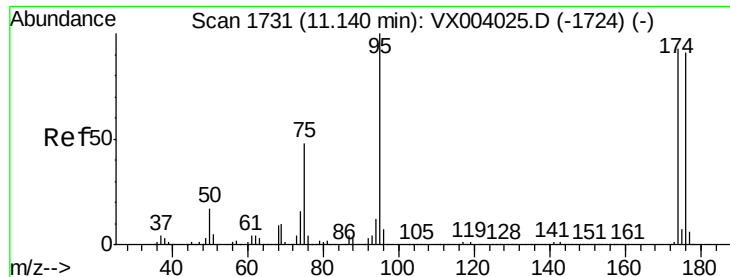
100 65.7 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

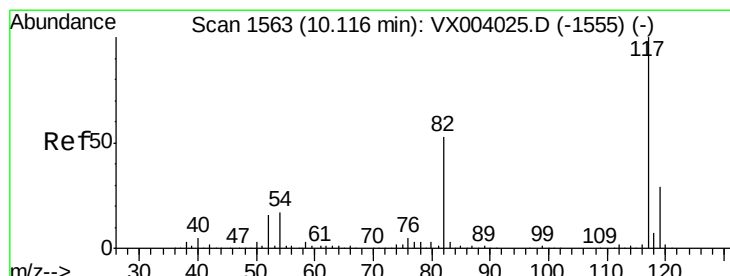
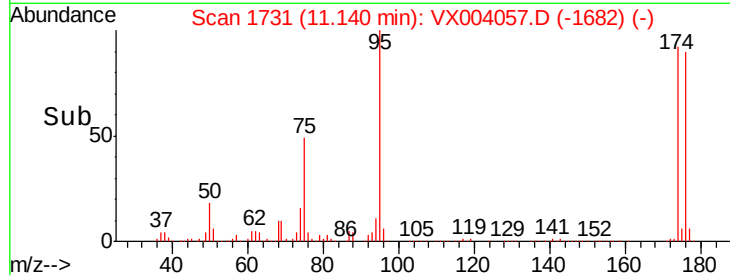
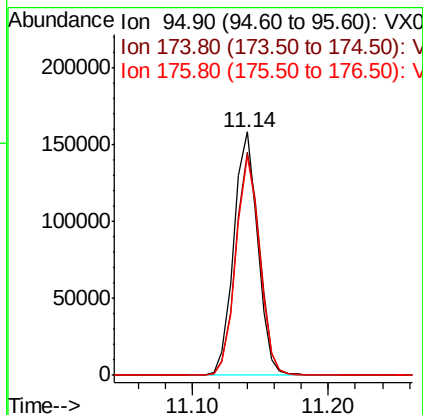
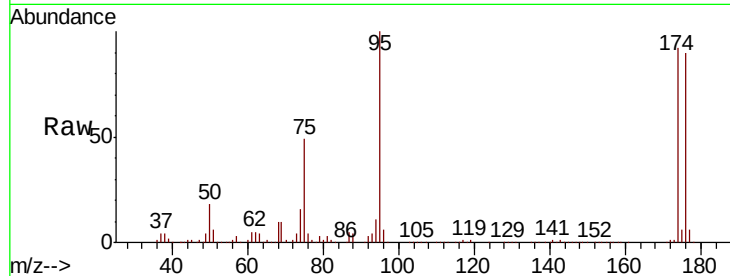




#62
4-Bromofluorobenzene
Concen: 43.203 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX004057.D
Acq: 15 Aug 2018 04:47

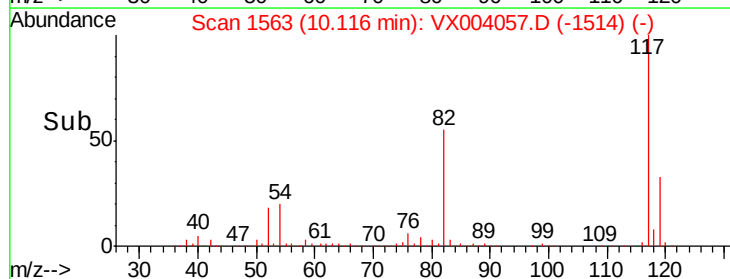
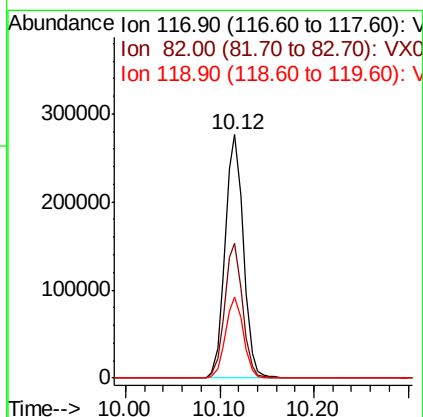
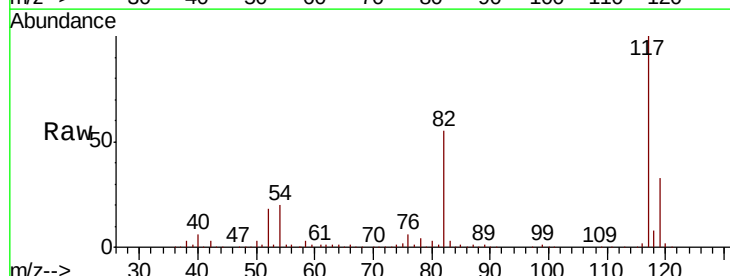
Instrument :
MSVOA_X
ClientSampleId :
RB5-SRI3

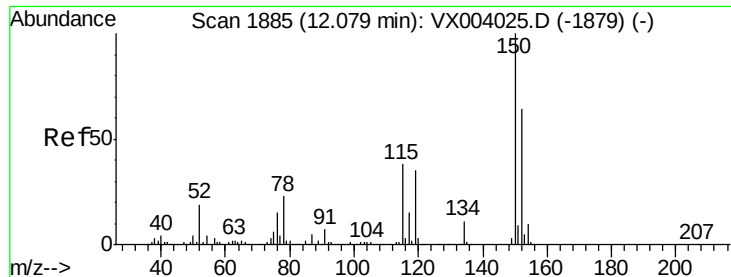
Tgt Ion: 95 Resp: 194071
Ion Ratio Lower Upper
95 100
174 93.0 0.0 182.8
176 89.7 0.0 179.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004057.D
Acq: 15 Aug 2018 04:47

Tgt Ion: 117 Resp: 372406
Ion Ratio Lower Upper
117 100
82 55.4 45.4 68.0
119 33.4 26.6 40.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX004057.D

Acq: 15 Aug 2018 04:47

Instrument :

MSVOA_X

ClientSampleId :

RB5-SRI3

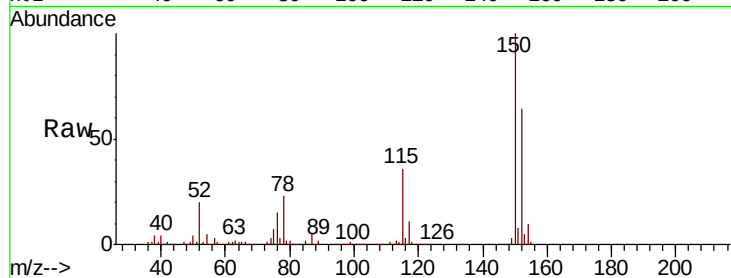
Tgt Ion:152 Resp: 207093

Ion Ratio Lower Upper

152 100

115 54.3 39.1 117.3

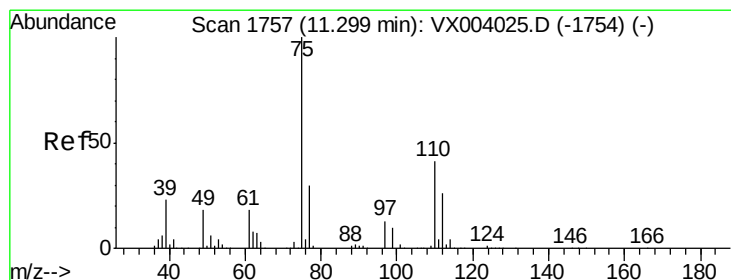
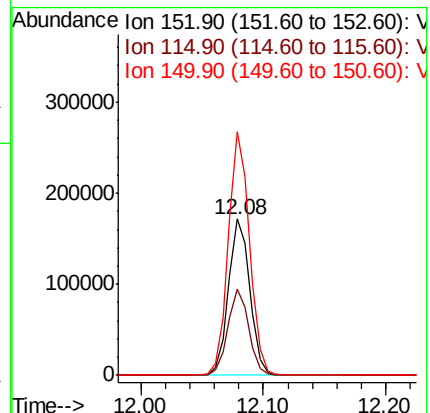
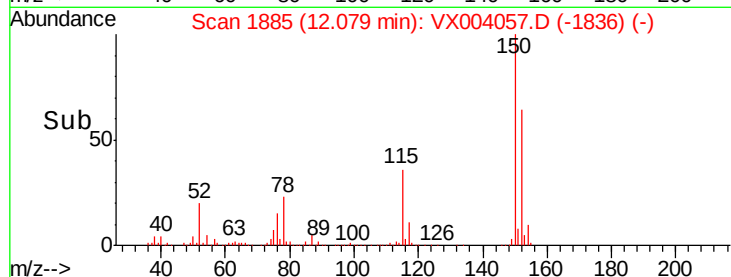
150 154.6 0.0 349.2



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: 22.895 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX004057.D

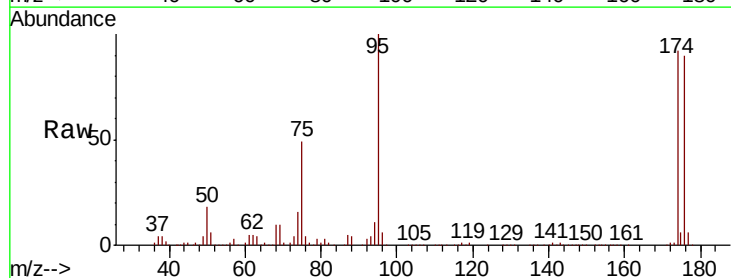
Acq: 15 Aug 2018 04:47

Tgt Ion: 75 Resp: 95084

Ion Ratio Lower Upper

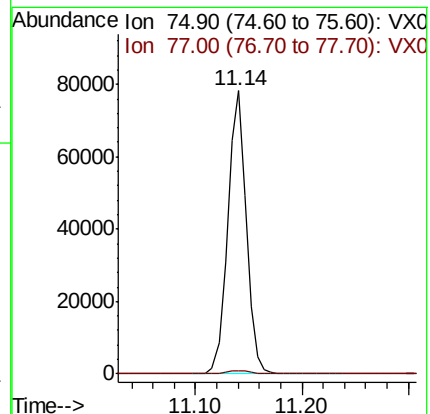
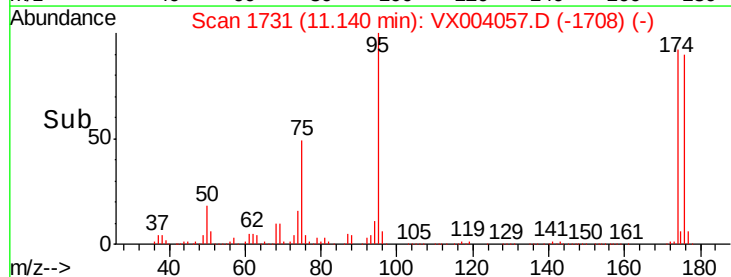
75 100

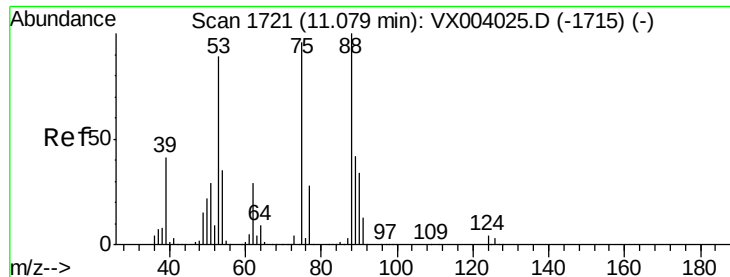
77 1.3 20.8 62.5#



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: 70.872 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX004057.D

Acq: 15 Aug 2018 04:47

Instrument :

MSVOA_X

ClientSampled :

RB5-SRI3

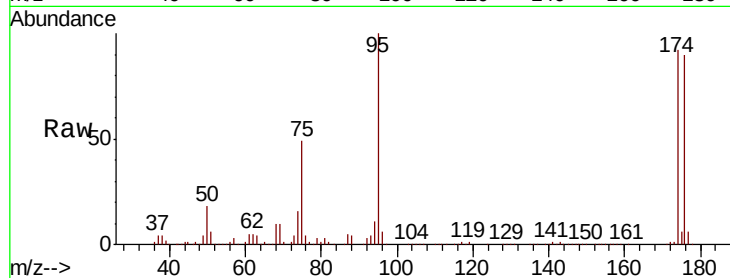
Tgt Ion: 75 Resp: 95084

Ion Ratio Lower Upper

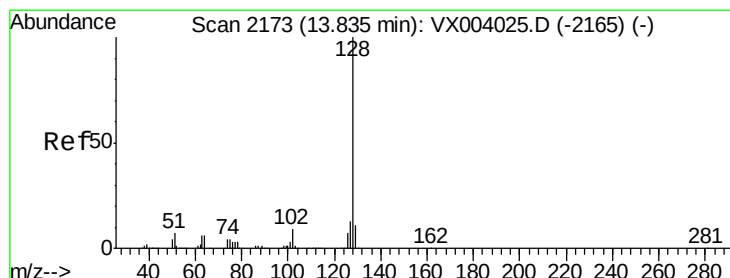
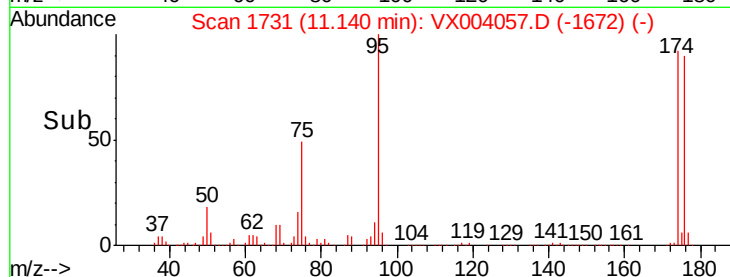
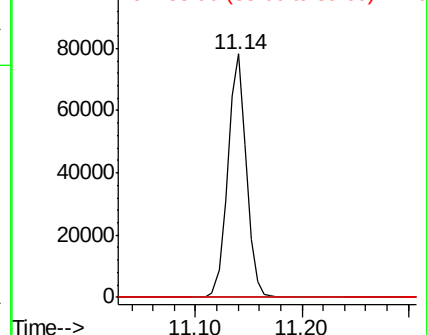
75 100

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: 1.182 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. 0.00 min

Lab File: VX004057.D

Acq: 15 Aug 2018 04:47

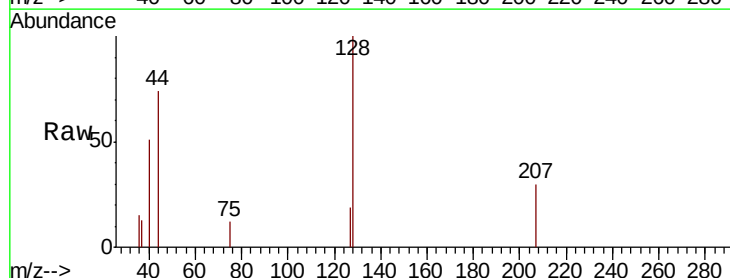
Tgt Ion: 128 Resp: 561

Ion Ratio Lower Upper

128 100

127 10.2 10.2 15.2

129 4.1 8.8 13.2#



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

