

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX041418\
 Data File : VX000866.D
 Acq On : 14 Apr 2018 11:06
 Operator : JC/MD
 Sample : VX0414WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0414WBL01

Quant Time: Apr 16 05:48:27 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:49:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	267031	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	352304	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	315467	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	198036	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.08	65	171301	50.88	ug/l	0.00
Spiked Amount			Recovery	=	101.76%	
35) Dibromofluoromethane	5.51	113	139889	51.54	ug/l	0.00
Spiked Amount			Recovery	=	103.08%	
50) Toluene-d8	8.72	98	533511	52.79	ug/l	0.00
Spiked Amount			Recovery	=	105.58%	
62) 4-Bromofluorobenzene	11.14	95	199828	47.79	ug/l	0.00
Spiked Amount			Recovery	=	95.58%	

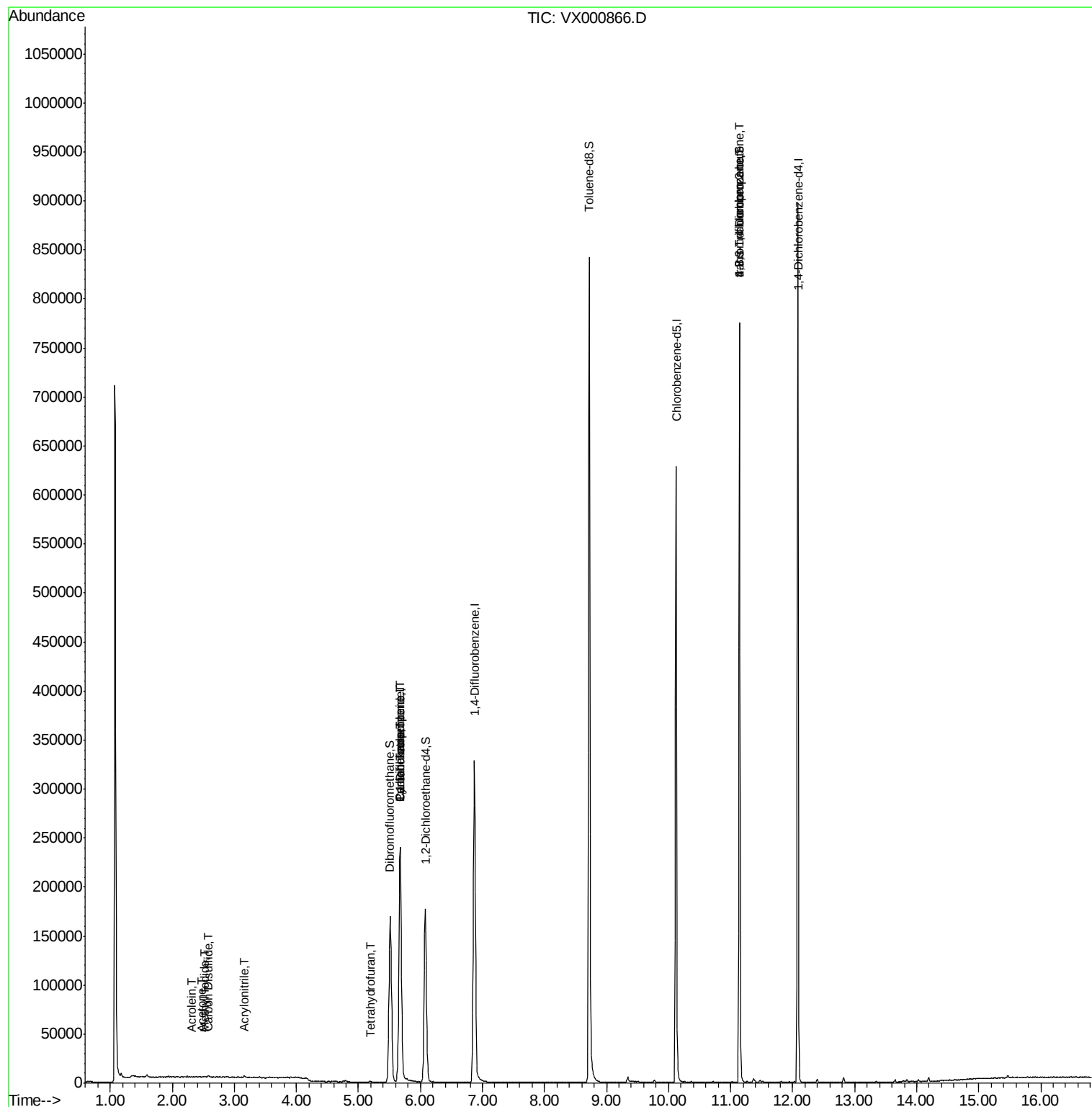
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.66	94	416	Below Cal	#	75
10) Methyl Iodide	2.52	142	289	8.35	ug/l #	42
13) Acrolein	2.30	56	514	1.77	ug/l #	59
15) Acrylonitrile	3.16	53	791	0.62	ug/l #	77
16) Acetone	2.47	43	615	0.53	ug/l #	44
17) Carbon Disulfide	2.57	76	1548	0.21	ug/l #	93
29) Tetrahydrofuran	5.18	42	807	0.66	ug/l #	65
31) Cyclohexane	5.67	56	4505	1.02	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	15793	4.07	ug/l #	48
38) Carbon Tetrachloride	5.67	117	22469	5.17	ug/l #	15
76) 1,2,3-Trichloropropane	11.14	75	97480	28.54	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.14	75	97480	78.51	ug/l #	11

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

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Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 10 15:49:28 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX000866.D

Acq: 14 Apr 2018 11:06

Instrument :

MSVOA_X

ClientSampleId :

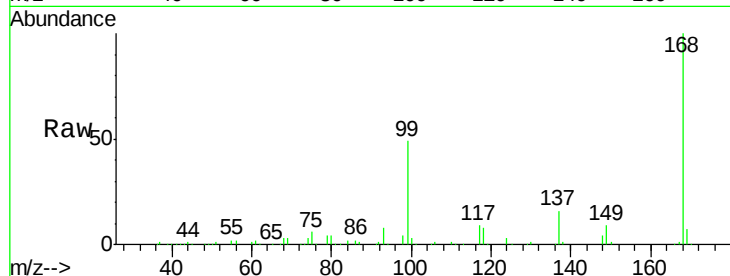
VX0414WBL01

Tgt Ion:168 Resp: 267031

Ion Ratio Lower Upper

168 100

99 48.8 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

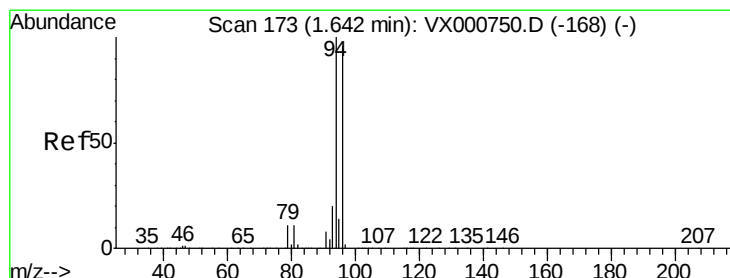
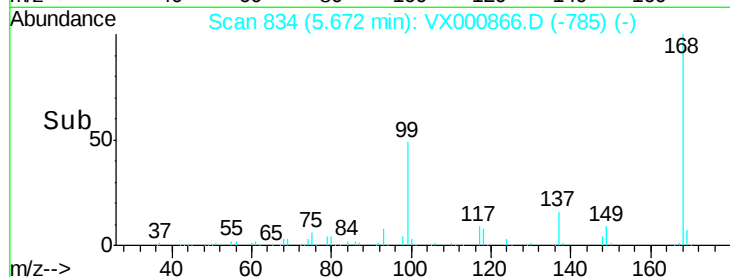
40000

20000

0

Time-->

5.60 5.80 6.00



#5

Bromomethane

Concen: Below Cal

RT: 1.66 min Scan# 176

Delta R.T. 0.02 min

Lab File: VX000866.D

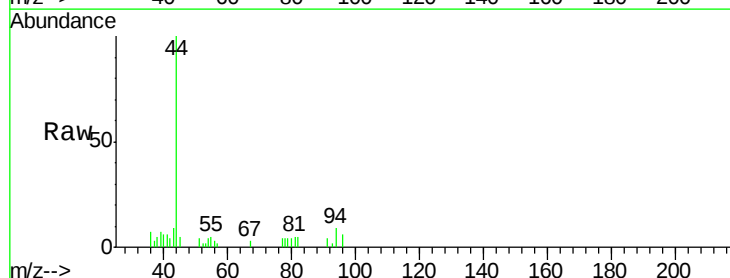
Acq: 14 Apr 2018 11:06

Tgt Ion: 94 Resp: 416

Ion Ratio Lower Upper

94 100

96 71.4 77.0 115.6#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.66

250

200

150

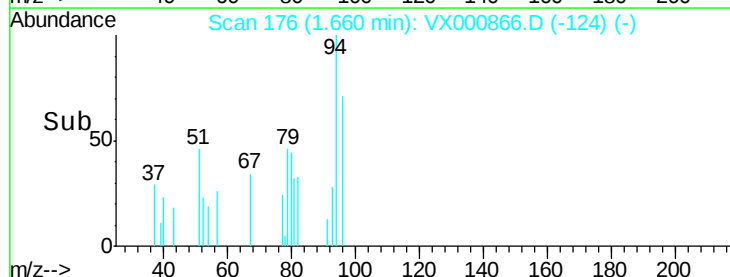
100

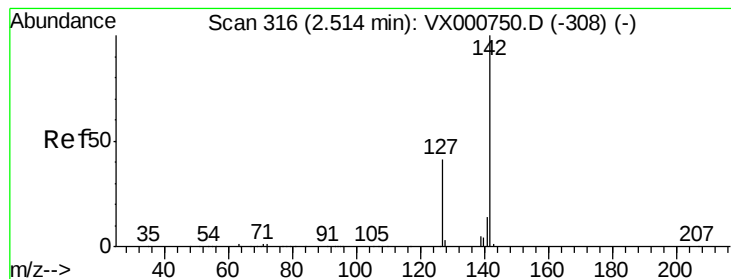
50

0

Time-->

1.60 1.65 1.70





#10

Methyl Iodide

Concen: 8.35 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX000866.D

Acq: 14 Apr 2018 11:06

Instrument :

MSVOA_X

ClientSampleId :

VX0414WBL01

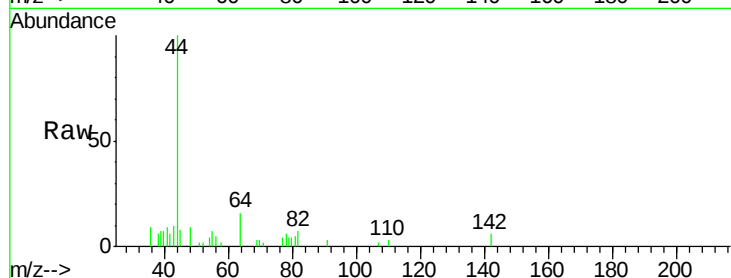
Tgt Ion:142 Resp: 289

Ion Ratio Lower Upper

142 100

127 0.0 32.6 49.0#

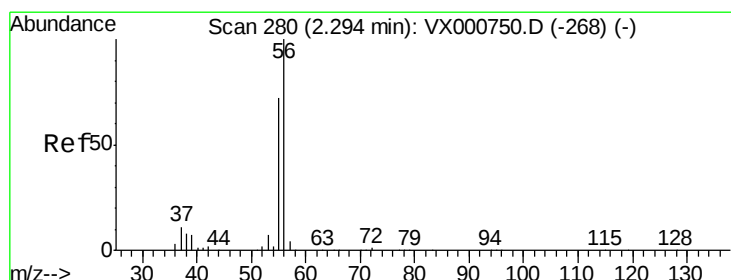
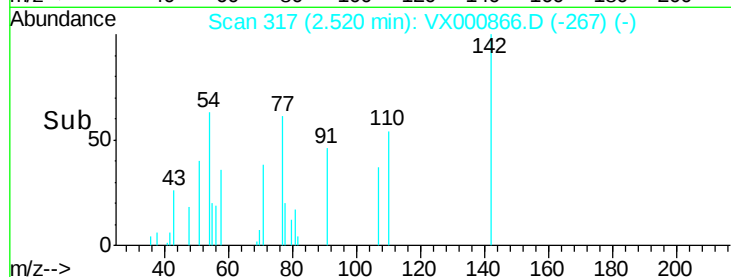
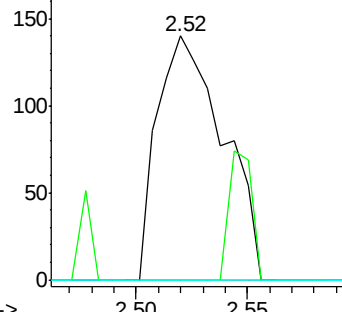
141 0.0 11.5 17.3#



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



#13

Acrolein

Concen: 1.77 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX000866.D

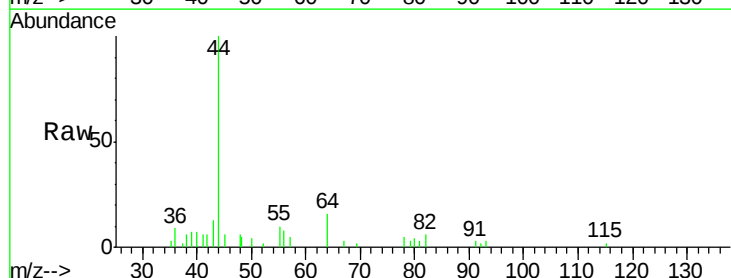
Acq: 14 Apr 2018 11:06

Tgt Ion: 56 Resp: 514

Ion Ratio Lower Upper

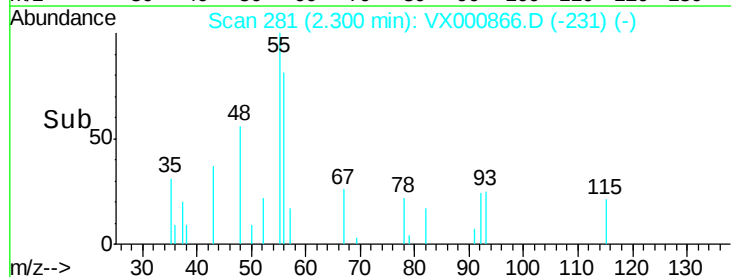
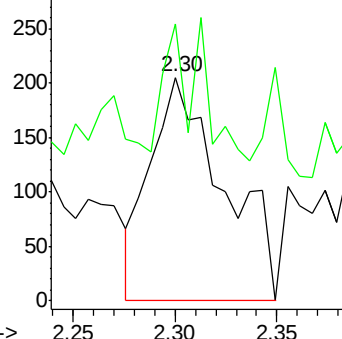
56 100

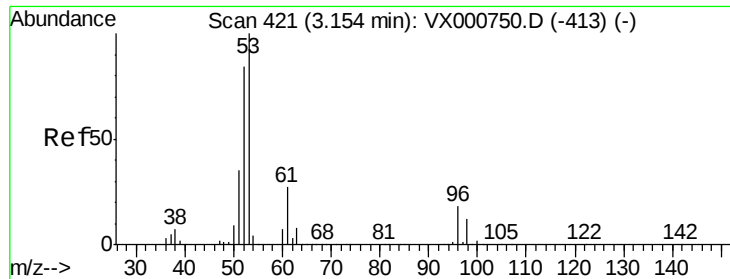
55 39.3 58.7 88.1#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

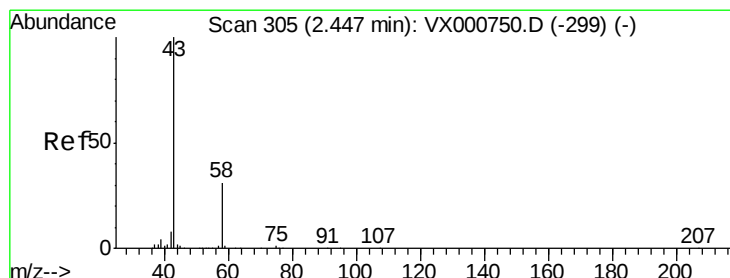
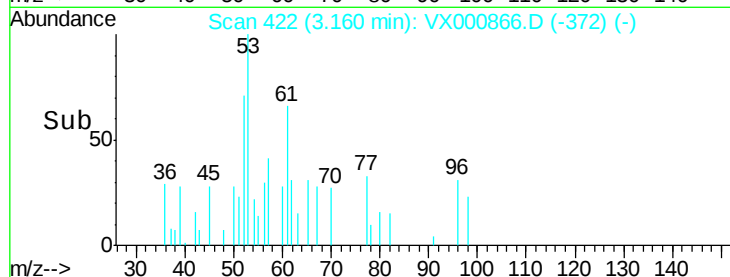
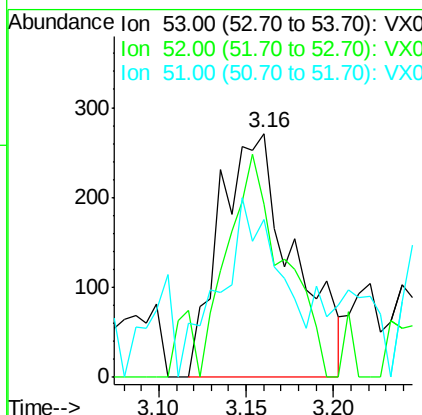
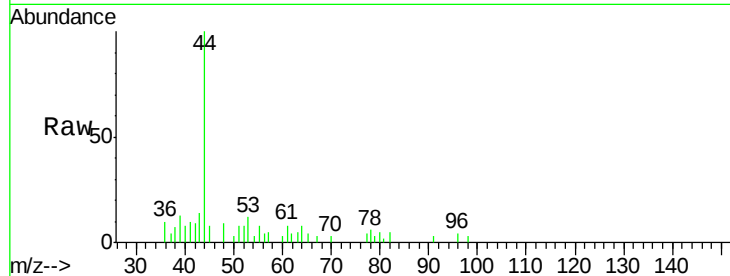




#15
Acrylonitrile
Concen: 0.62 ug/l
RT: 3.16 min Scan# 422
Delta R.T. 0.01 min
Lab File: VX000866.D
Acq: 14 Apr 2018 11:06

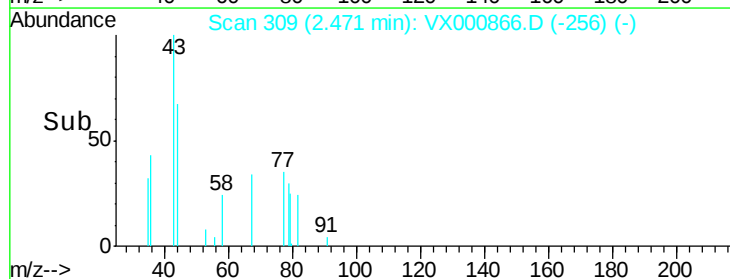
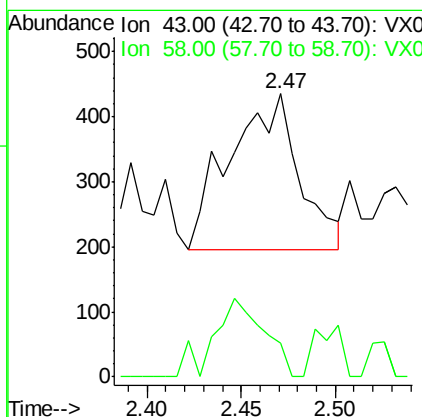
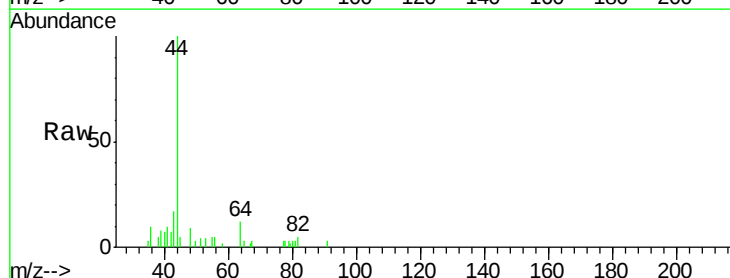
Instrument :
MSVOA_X
ClientSampleId :
VX0414WBL01

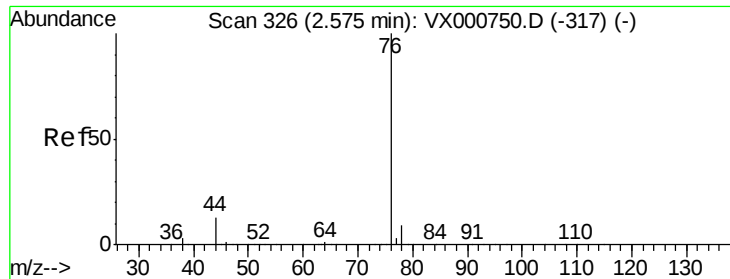
Tgt Ion: 53 Resp: 791
Ion Ratio Lower Upper
53 100
52 70.3 66.5 99.7
51 60.9 28.8 43.2#



#16
Acetone
Concen: 0.53 ug/l
RT: 2.47 min Scan# 309
Delta R.T. 0.02 min
Lab File: VX000866.D
Acq: 14 Apr 2018 11:06

Tgt Ion: 43 Resp: 615
Ion Ratio Lower Upper
43 100
58 0.0 24.6 37.0#

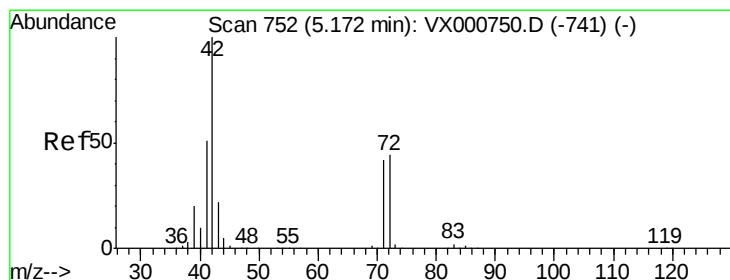
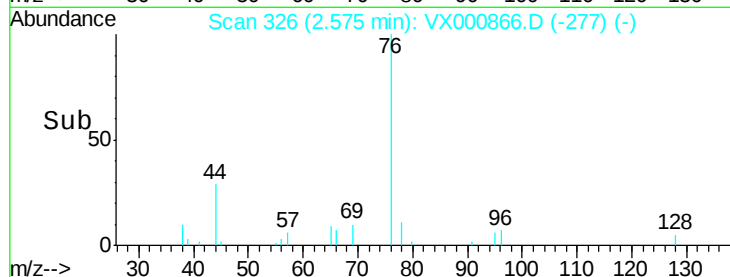
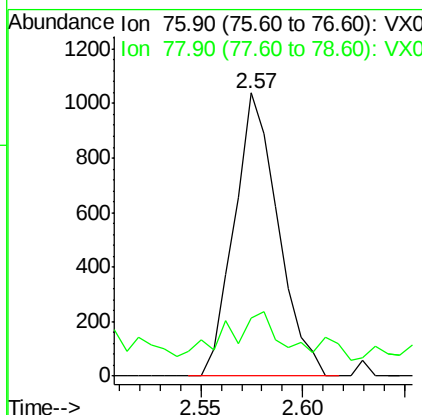
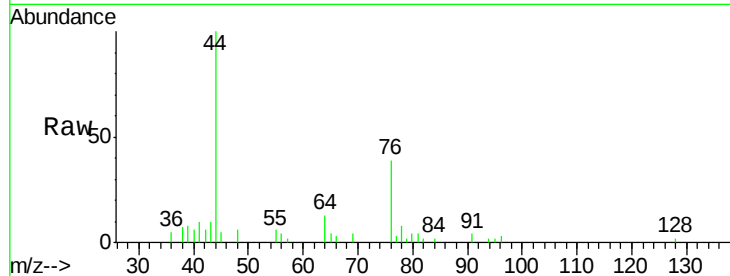




#17
Carbon Disulfide
Concen: 0.21 ug/l
RT: 2.57 min Scan# 326
Delta R.T. -0.00 min
Lab File: VX000866.D
Acq: 14 Apr 2018 11:06

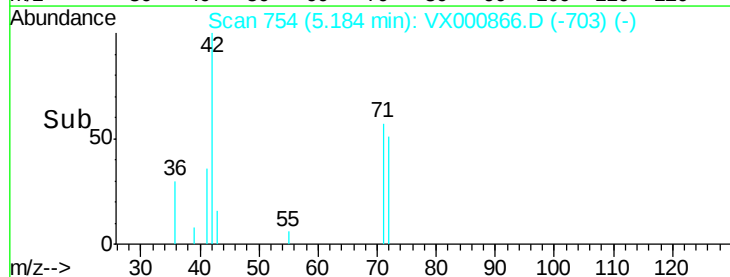
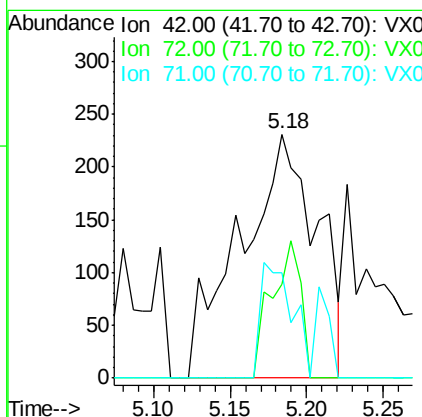
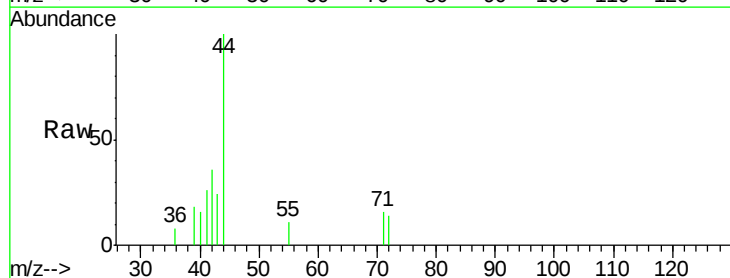
Instrument :
MSVOA_X
ClientSampleId :
VX0414WBL01

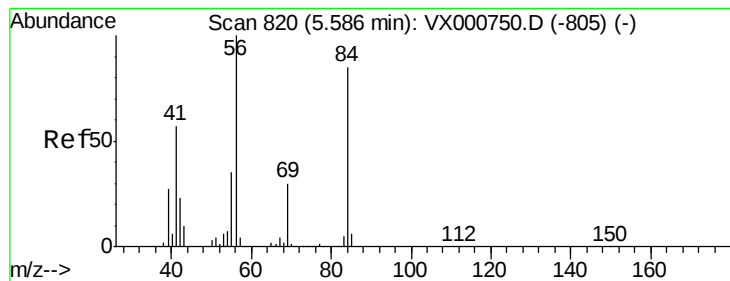
Tgt Ion: 76 Resp: 1548
Ion Ratio Lower Upper
76 100
78 11.8 7.4 11.2#



#29
Tetrahydrofuran
Concen: 0.66 ug/l
RT: 5.18 min Scan# 754
Delta R.T. 0.01 min
Lab File: VX000866.D
Acq: 14 Apr 2018 11:06

Tgt Ion: 42 Resp: 807
Ion Ratio Lower Upper
42 100
72 21.1 35.1 52.7#
71 19.6 32.8 49.2#





#31

Cyclohexane

Concen: 1.02 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.09 min

Lab File: VX000866.D

Acq: 14 Apr 2018 11:06

Instrument :

MSVOA_X

ClientSampleId :

VX0414WBL01

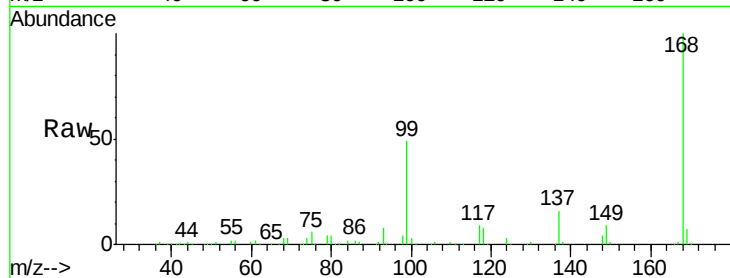
Tgt Ion: 56 Resp: 4505

Ion Ratio Lower Upper

56 100

69 174.2 24.2 36.4#

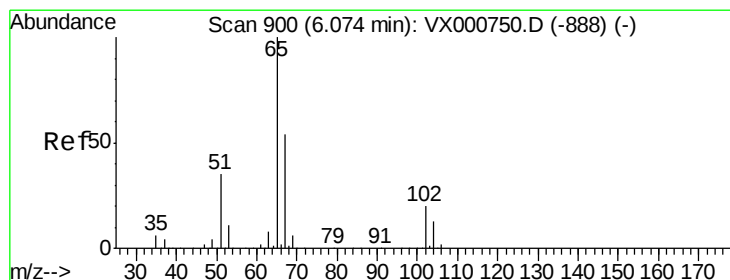
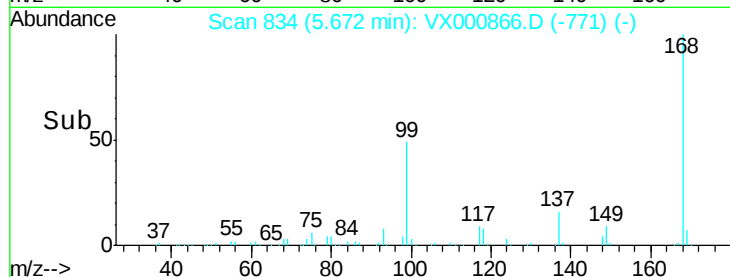
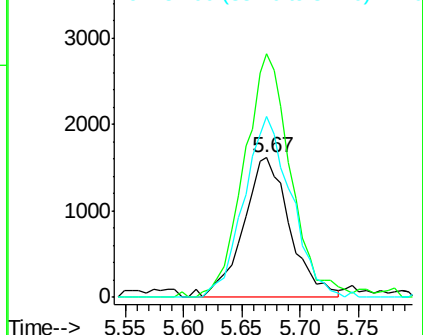
84 129.4 67.6 101.4#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 50.88 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.01 min

Lab File: VX000866.D

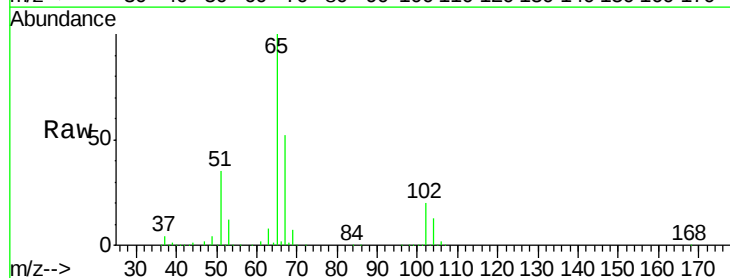
Acq: 14 Apr 2018 11:06

Tgt Ion: 65 Resp: 171301

Ion Ratio Lower Upper

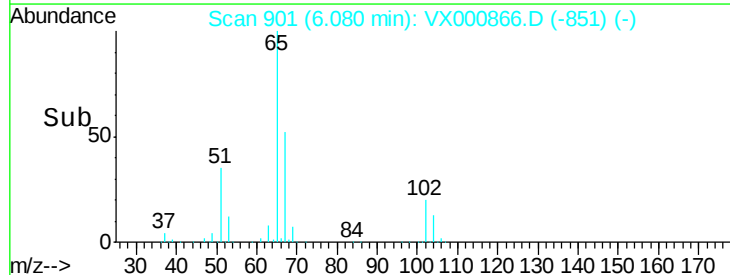
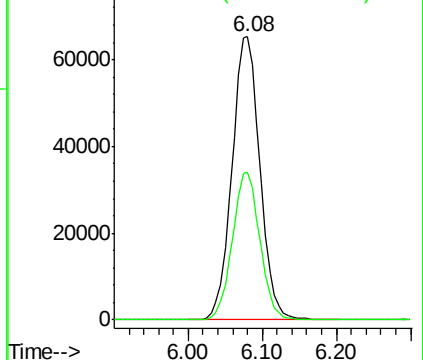
65 100

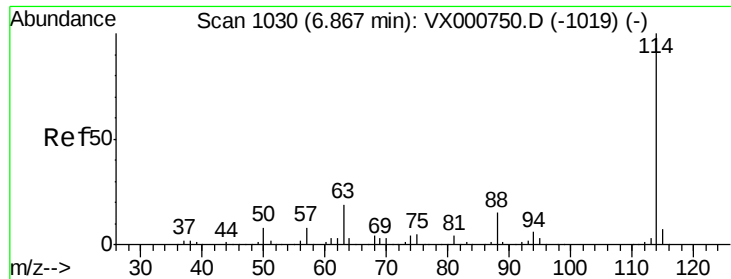
67 51.5 0.0 103.8



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: VX000866.D

Acq: 14 Apr 2018 11:06

Instrument :

MSVOA_X

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VX0414WBL01

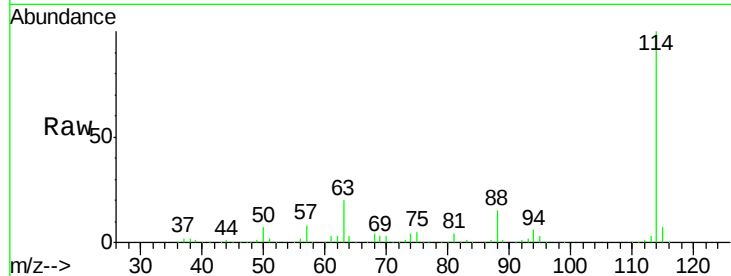
Tgt Ion:114 Resp: 352304

Ion Ratio Lower Upper

114 100

63 19.5 0.0 38.4

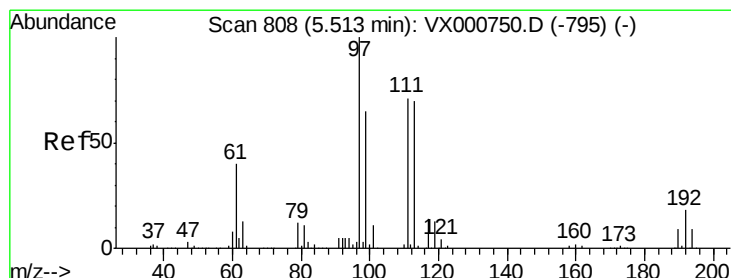
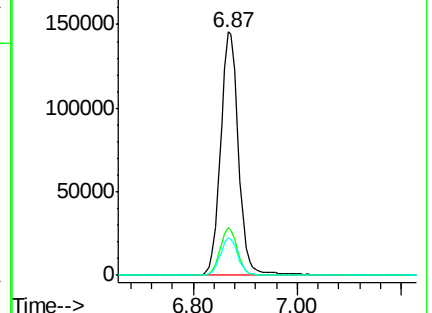
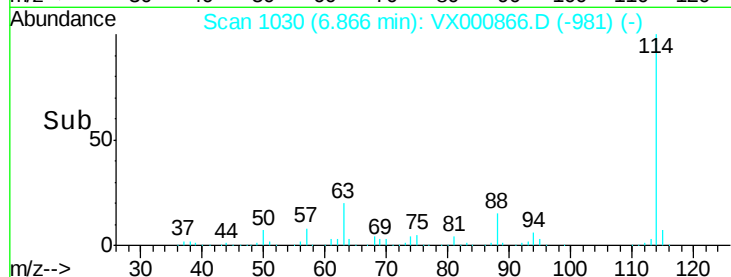
88 15.5 0.0 31.0



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: 51.54 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000866.D

Acq: 14 Apr 2018 11:06

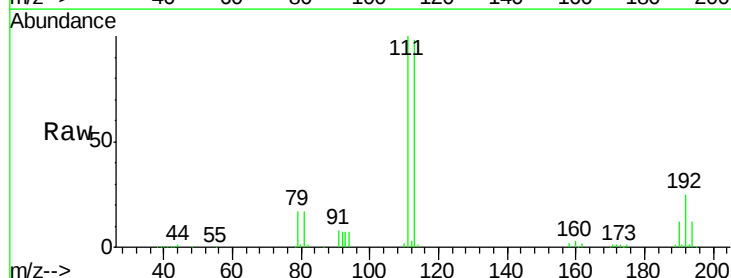
Tgt Ion:113 Resp: 139889

Ion Ratio Lower Upper

113 100

111 101.6 81.5 122.3

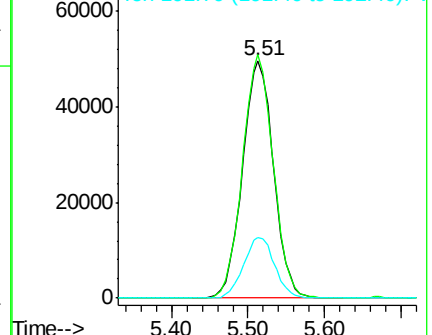
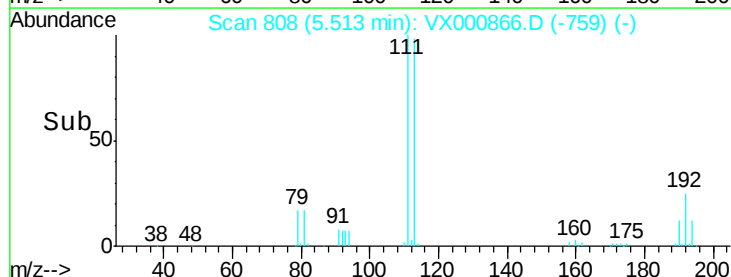
192 25.6 20.4 30.6

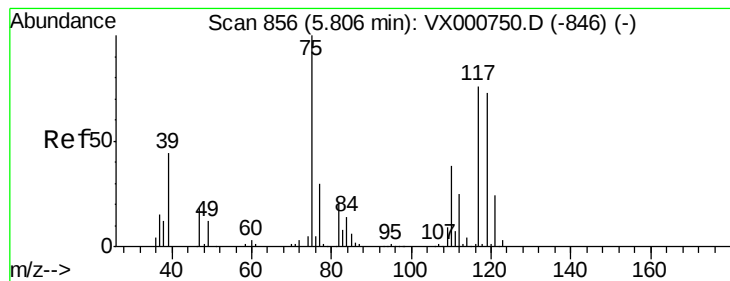


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.07 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.13 min

Lab File: VX000866.D

Acq: 14 Apr 2018 11:06

Instrument :

MSVOA_X

ClientSampleId :

VX0414WBL01

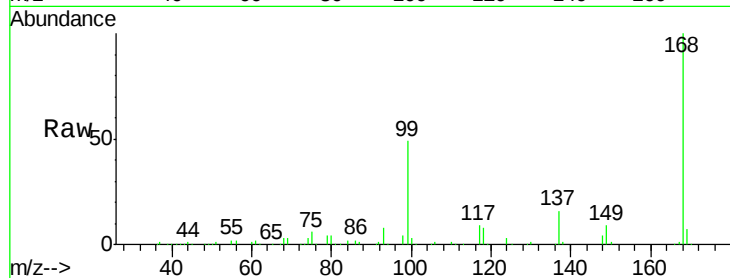
Tgt Ion: 75 Resp: 15793

Ion Ratio Lower Upper

75 100

110 9.6 19.2 57.6#

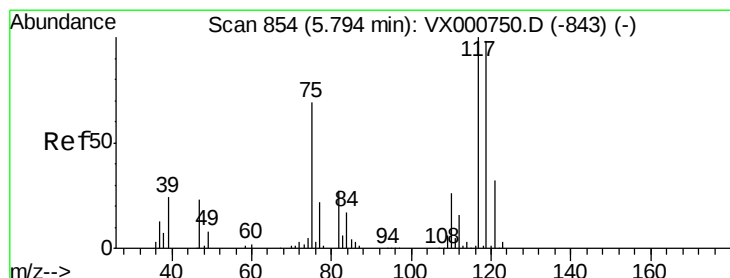
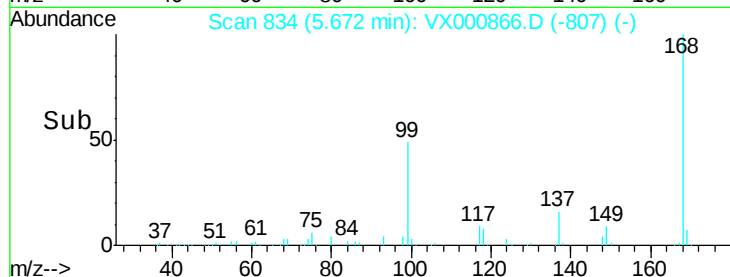
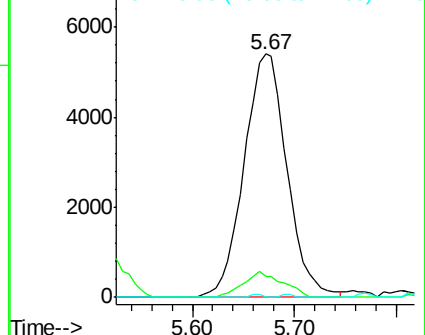
77 0.3 25.4 38.2#



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: 5.17 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.12 min

Lab File: VX000866.D

Acq: 14 Apr 2018 11:06

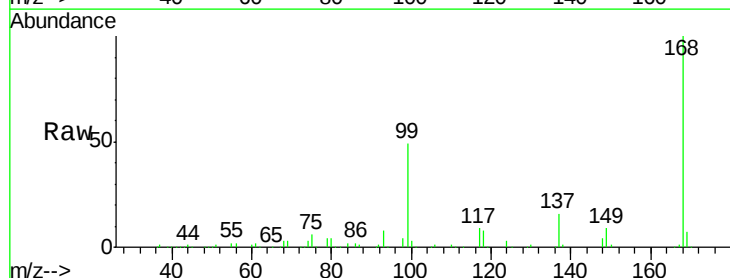
Tgt Ion: 117 Resp: 22469

Ion Ratio Lower Upper

117 100

119 4.7 78.4 117.6#

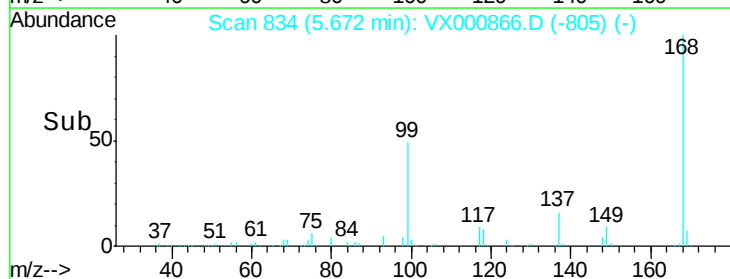
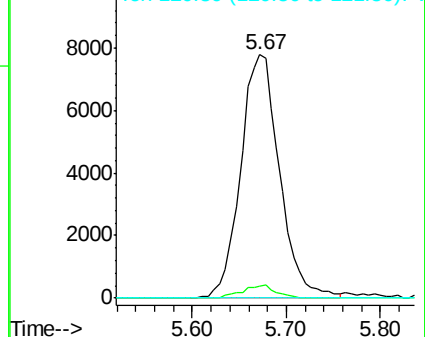
121 0.0 25.4 38.0#

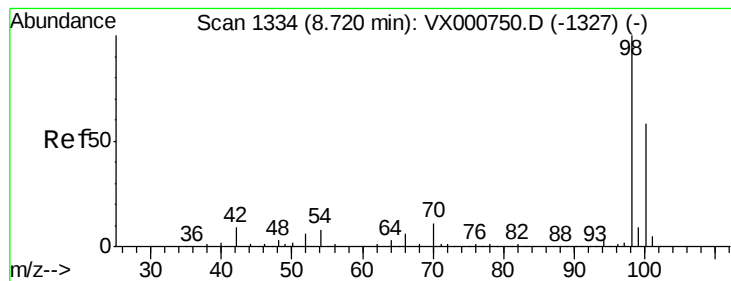


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#50

Toluene-d8

Concen: 52.79 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX000866.D

Acq: 14 Apr 2018 11:06

Instrument :

MSVOA_X

ClientSampleId :

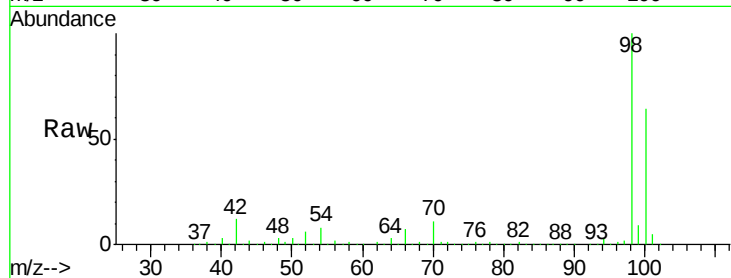
VX0414WBL01

Tgt Ion: 98 Resp: 533511

Ion Ratio Lower Upper

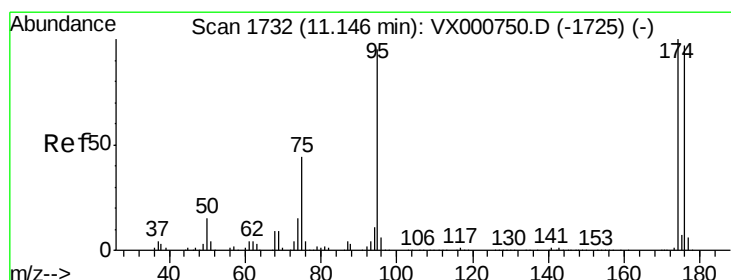
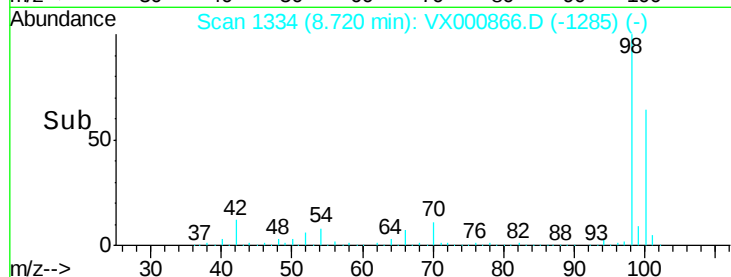
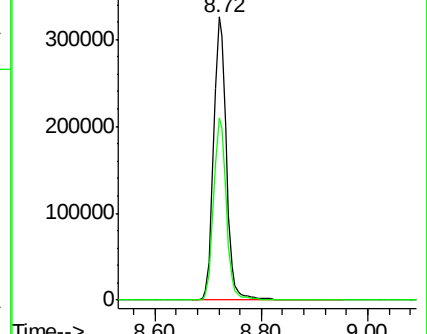
98 100

100 64.5 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 47.79 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.01 min

Lab File: VX000866.D

Acq: 14 Apr 2018 11:06

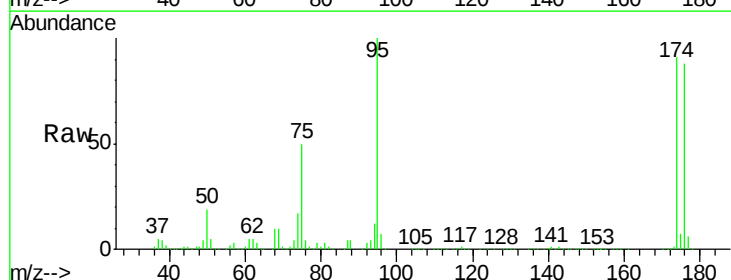
Tgt Ion: 95 Resp: 199828

Ion Ratio Lower Upper

95 100

174 98.9 0.0 198.4

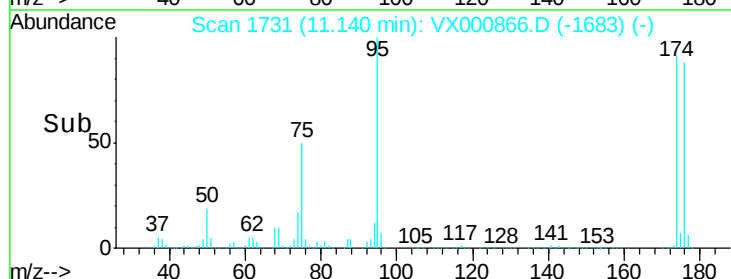
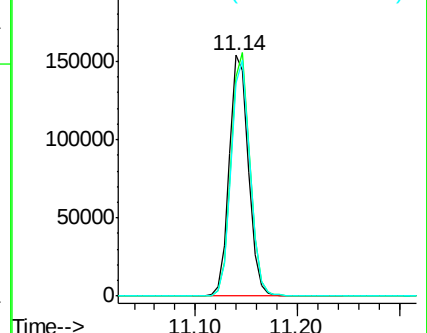
176 96.7 0.0 194.4

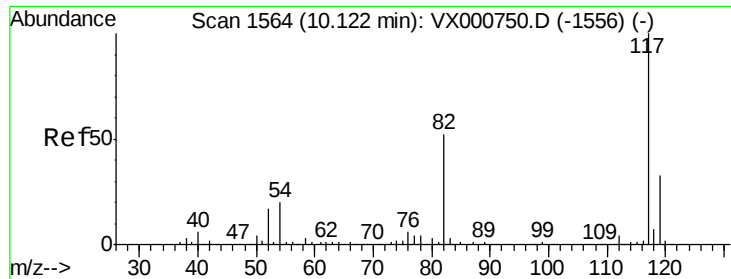


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

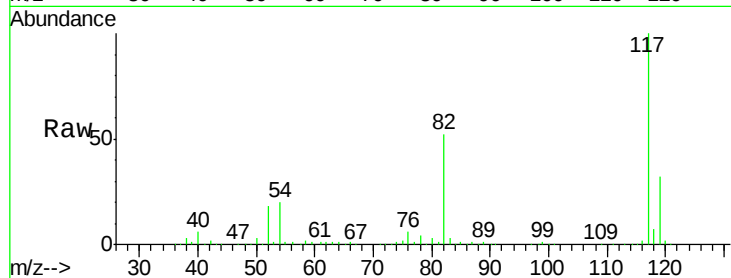




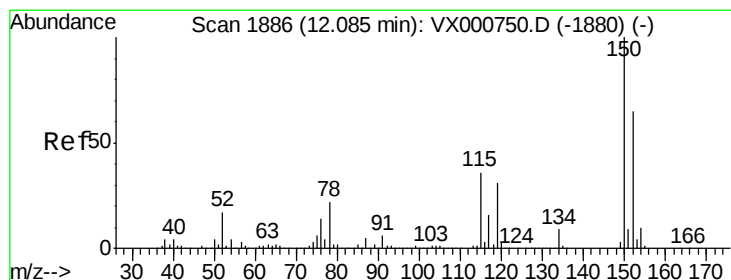
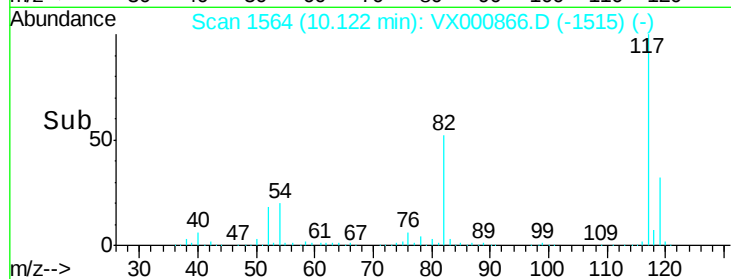
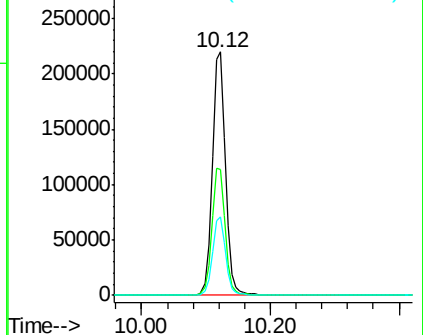
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000866.D
Acq: 14 Apr 2018 11:06

Instrument :
MSVOA_X
ClientSampled :
VX0414WBL01

Tgt Ion:117 Resp: 315467
Ion Ratio Lower Upper
117 100
82 51.9 41.9 62.9
119 32.2 26.0 39.0

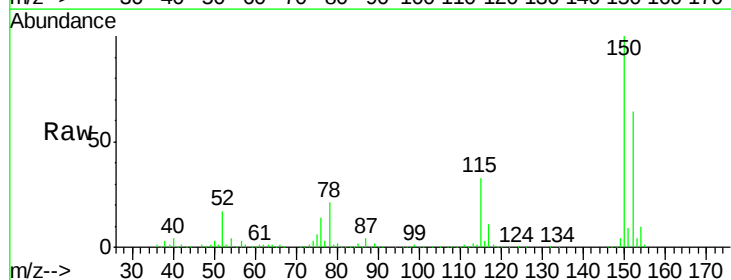


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

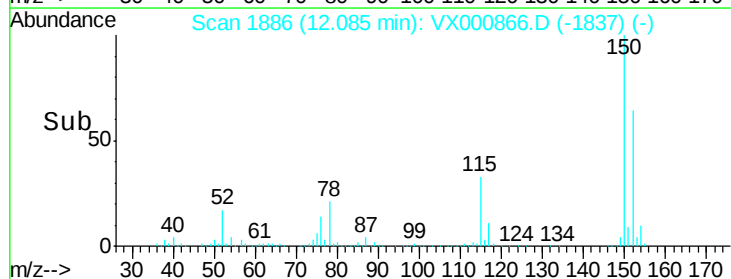
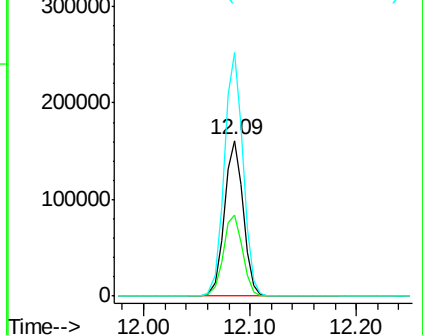


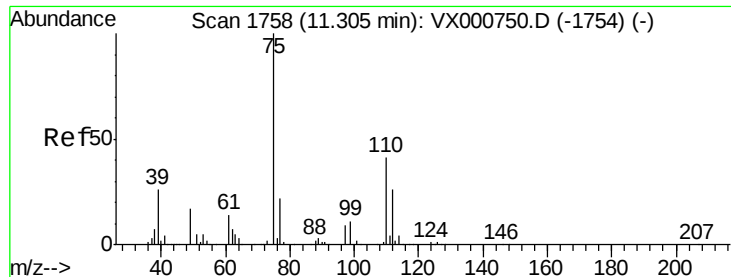
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000866.D
Acq: 14 Apr 2018 11:06

Tgt Ion:152 Resp: 198036
Ion Ratio Lower Upper
152 100
115 53.6 37.9 113.7
150 156.6 0.0 348.0



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: 28.54 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX000866.D

Acq: 14 Apr 2018 11:06

Instrument :

MSVOA_X

ClientSampled :

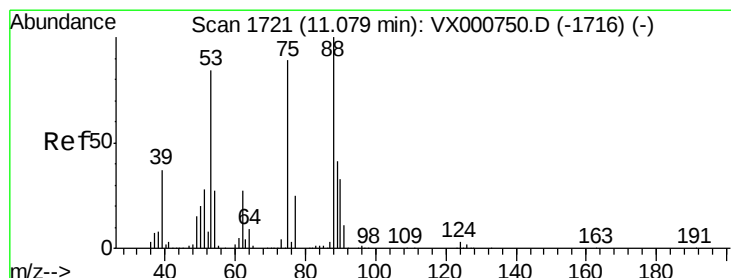
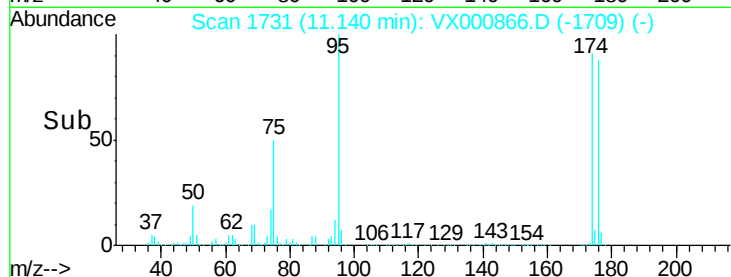
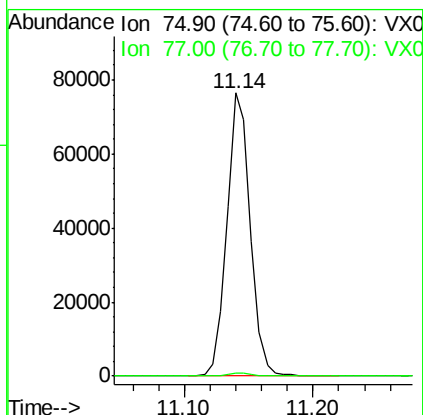
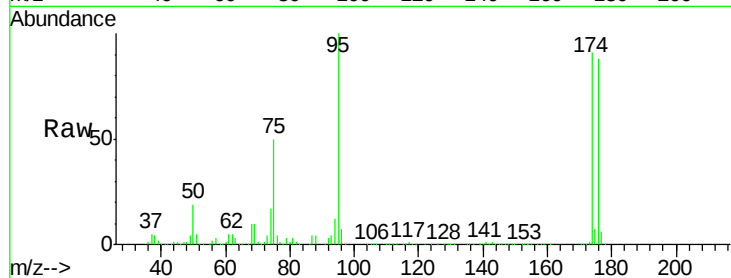
VX0414WBL01

Tgt Ion: 75 Resp: 97480

Ion Ratio Lower Upper

75 100

77 1.3 20.5 61.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 78.51 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX000866.D

Acq: 14 Apr 2018 11:06

Tgt Ion: 75 Resp: 97480

Ion Ratio Lower Upper

75 100

53 0.1 75.4 113.0#

89 0.0 40.9 61.3#

