

Data File : VX000363.D
Acq On : 20 Mar 2018 16:35
Operator : JC/MD
Sample : VX0320WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0320WBL01

Quant Time: Mar 21 04:37:36 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 20 14:01:51 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	118411	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	202166	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	197406	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	96204	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	82256	53.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.44%	
35) Dibromofluoromethane	5.51	113	62711	49.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.46%	
50) Toluene-d8	8.72	98	258023	48.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.82%	
62) 4-Bromofluorobenzene	11.15	95	88177	40.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.68%	

Target Compounds			Qvalue				
6) Chloroethane	1.78	64	26	Below Cal	#	44	
13) Acrolein	2.48	56	23	14.71	ug/l	#	13
14) Allyl chloride	2.69	41	202	Below Cal	#	52	
16) Acetone	2.45	43	447	0.35	ug/l	#	44
17) Carbon Disulfide	2.57	76	771	0.24	ug/l	#	93
31) Cyclohexane	5.68	56	2704	1.39	ug/l	#	49
36) 1,1-Dichloropropene	5.67	75	9189	4.85	ug/l	#	52
38) Carbon Tetrachloride	5.67	117	12042	6.06	ug/l	#	15
51) 4-Methyl-2-Pentanone	8.72	43	1465	0.49	ug/l	#	1
74) N-amyl acetate	6.50	43	30	Below Cal	#	59	
76) 1,2,3-Trichloropropane	11.15	75	49389	23.89	ug/l	#	35
81) trans-1,4-Dichloro-2-buten	11.15	75	49389	77.34	ug/l	#	9

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

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Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 11 Sample Multiplier: 1

Instrument :

MSVOA_X

Client Sample ID :

VX0320WBL01

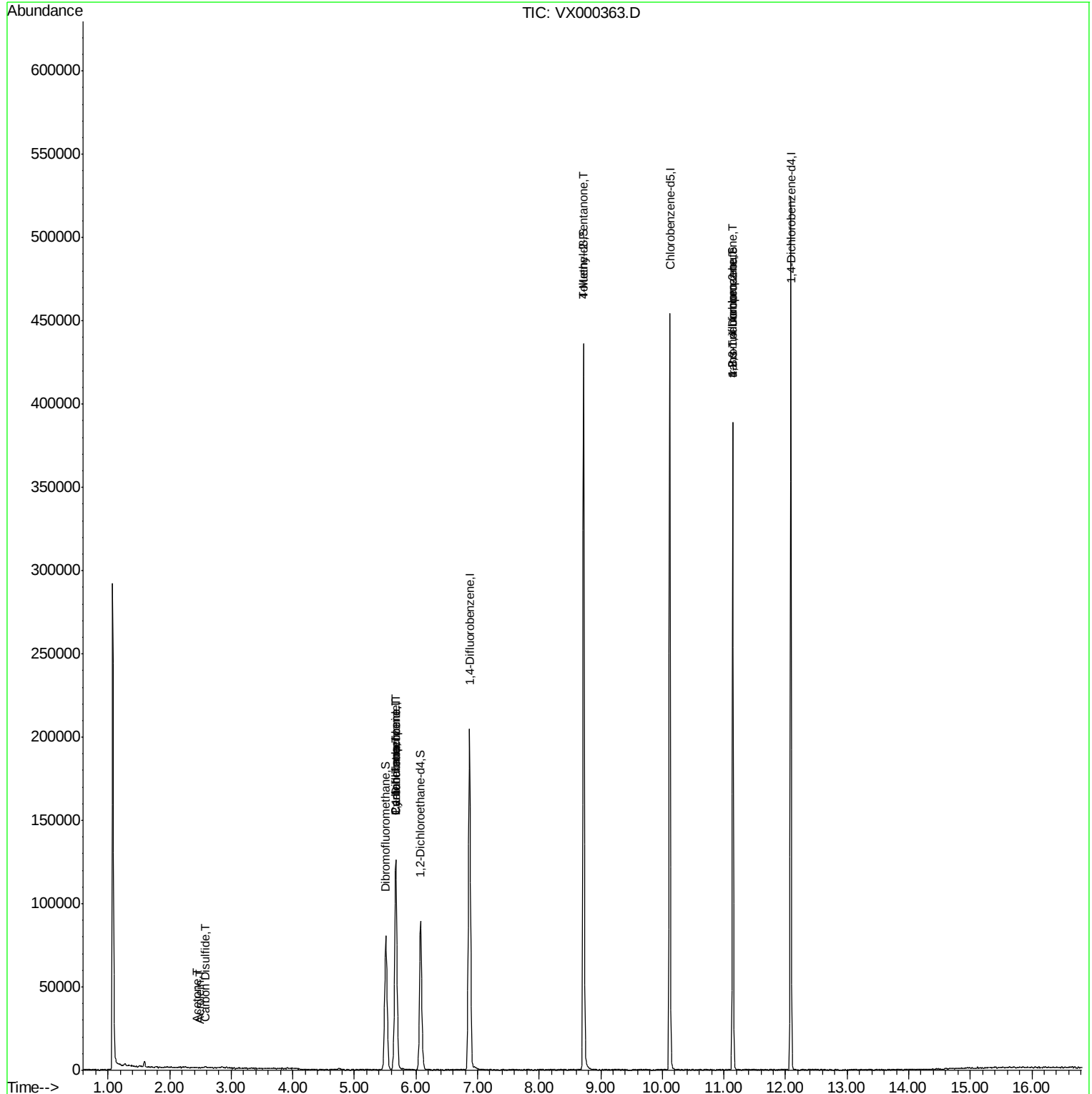
Quant Time: Mar 21 04:37:36 2018

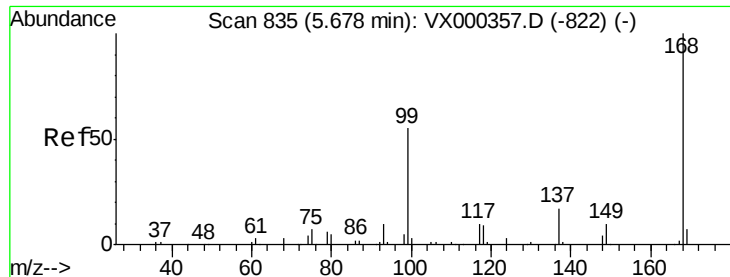
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M

Quant Title : SW846 8260

QLast Update : Tue Mar 20 14:01:51 2018

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000363.D

Acq: 20 Mar 2018 16:35

Instrument :

MSVOA_X

ClientSampleId :

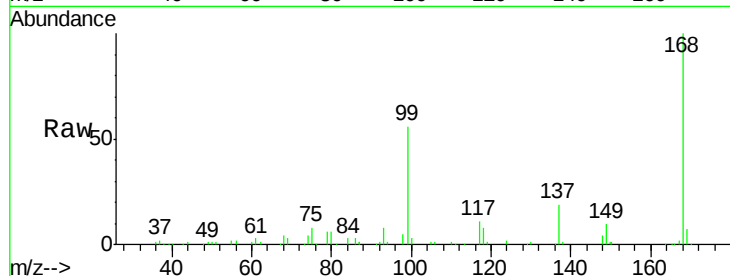
VX0320WBL01

Tgt Ion: 168 Resp: 118411

Ion Ratio Lower Upper

168 100

99 55.6 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

5.67

40000

30000

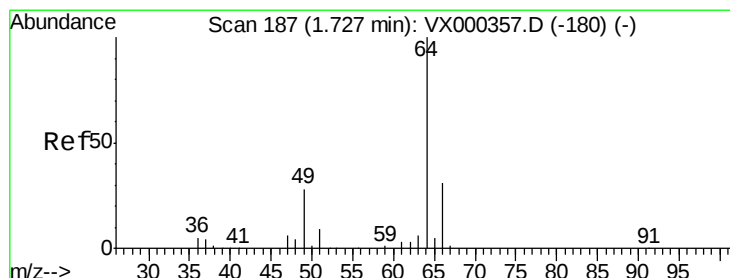
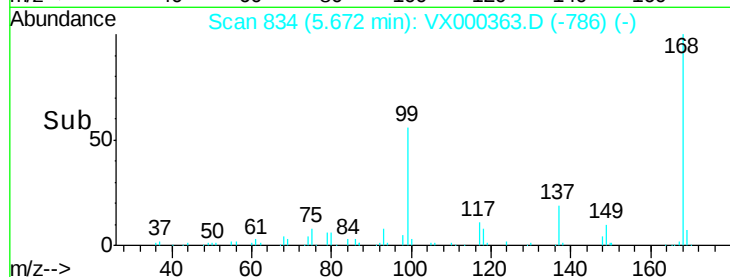
20000

10000

0

Time-->

5.60 5.70 5.80



#6

Chloroethane

Concen: Below Cal

RT: 1.78 min Scan# 195

Delta R.T. 0.05 min

Lab File: VX000363.D

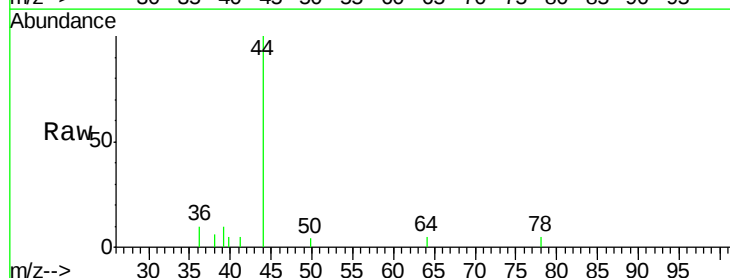
Acq: 20 Mar 2018 16:35

Tgt Ion: 64 Resp: 26

Ion Ratio Lower Upper

64 100

66 0.0 24.8 37.2#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.78

80

60

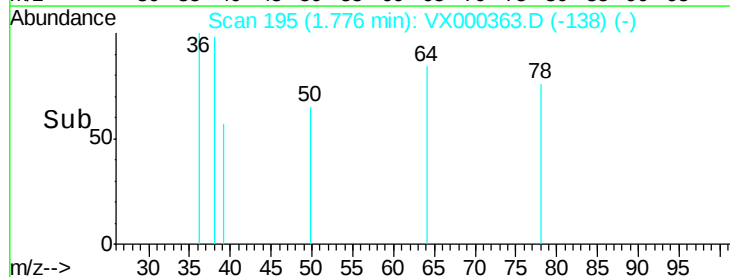
40

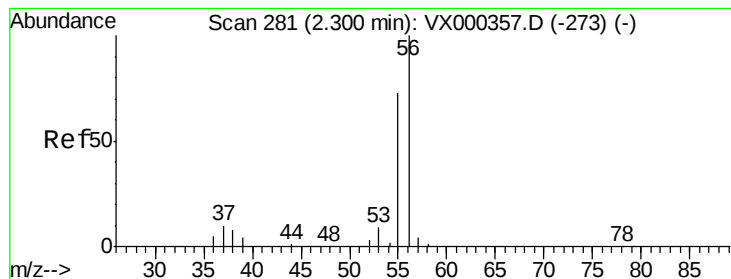
20

0

Time-->

1.76 1.77 1.78 1.79





#13

Acrolein

Concen: 14.71 ug/l

RT: 2.48 min Scan# 311

Delta R.T. 0.18 min

Lab File: VX000363.D

Acq: 20 Mar 2018 16:35

Instrument :

MSVOA_X

ClientSampleId :

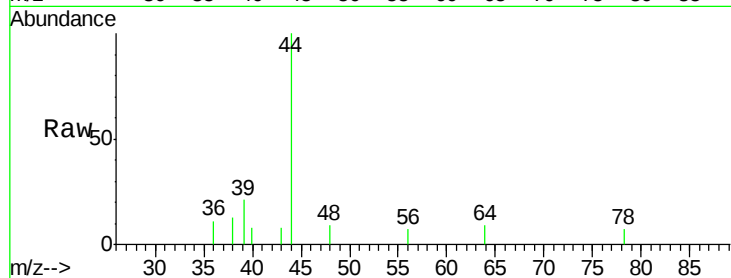
VX0320WBL01

Tgt Ion: 56 Resp: 23

Ion Ratio Lower Upper

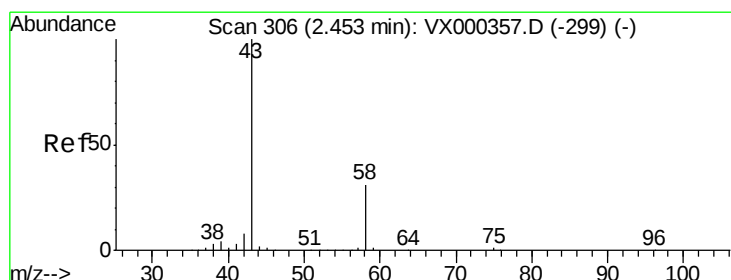
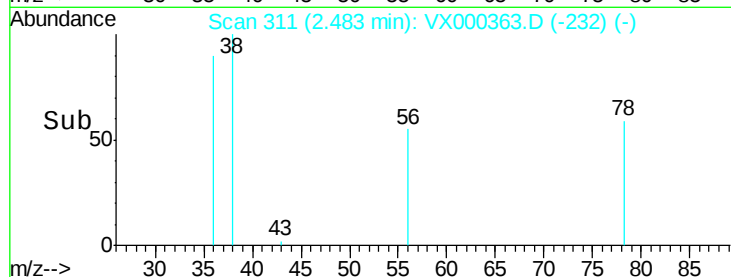
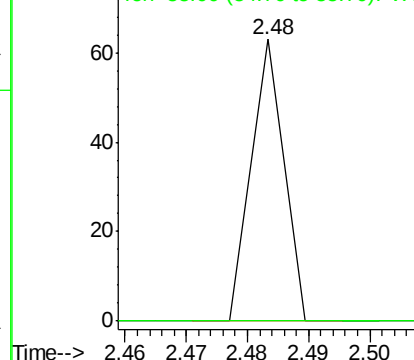
56 100

55 0.0 58.8 88.2#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#16

Acetone

Concen: 0.35 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX000363.D

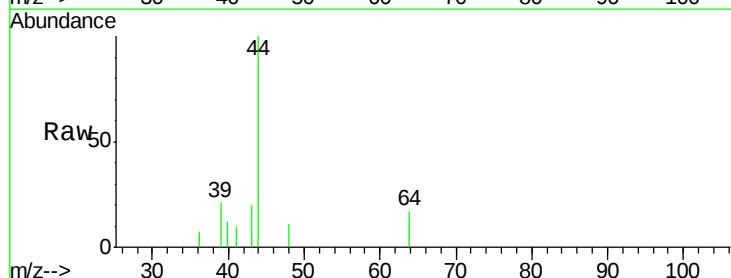
Acq: 20 Mar 2018 16:35

Tgt Ion: 43 Resp: 447

Ion Ratio Lower Upper

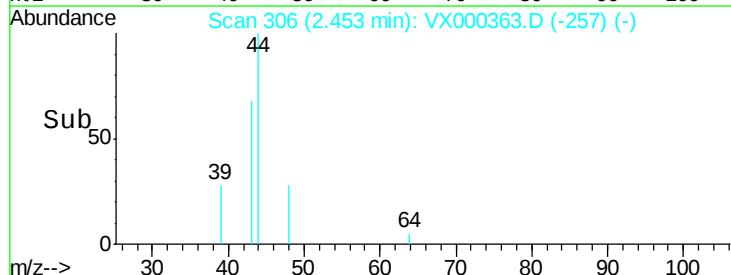
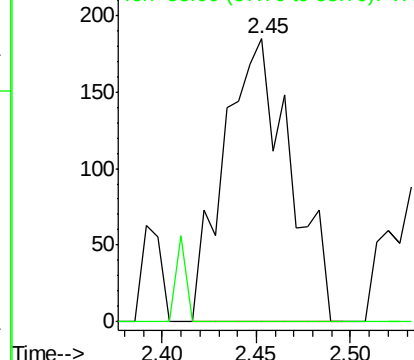
43 100

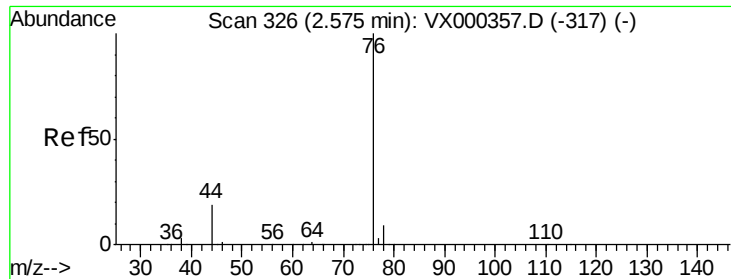
58 0.0 24.7 37.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

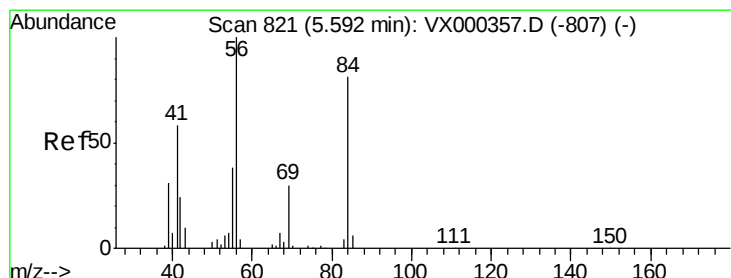
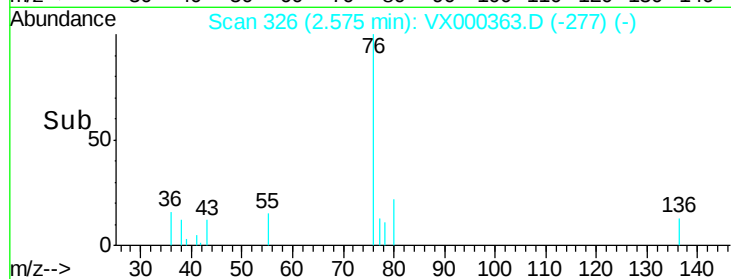
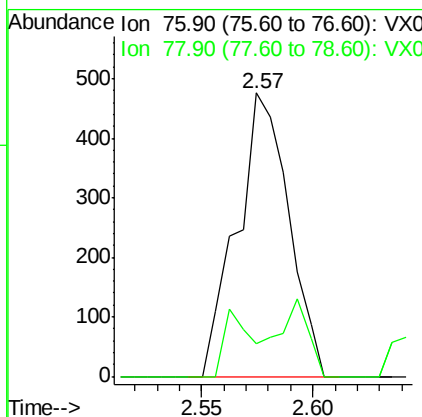
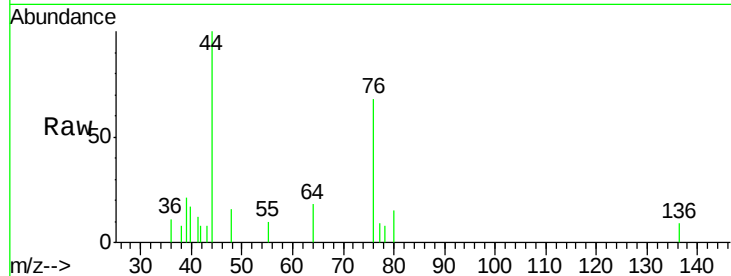




#17
Carbon Disulfide
Concen: 0.24 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX000363.D
Acq: 20 Mar 2018 16:35

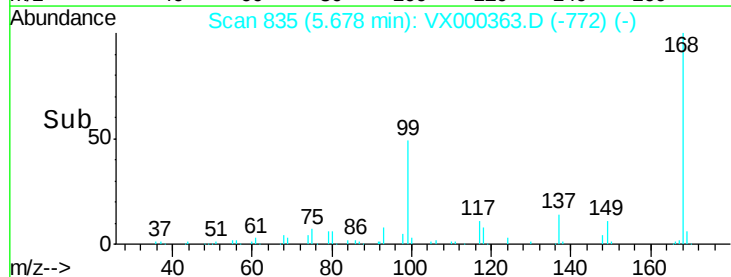
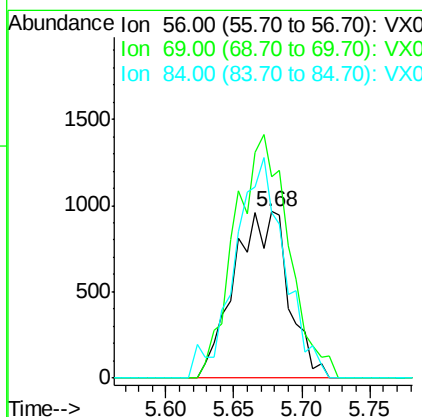
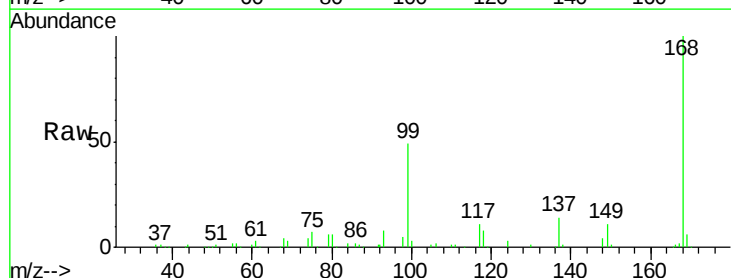
Instrument :
MSVOA_X
ClientSampled :
VX0320WBL01

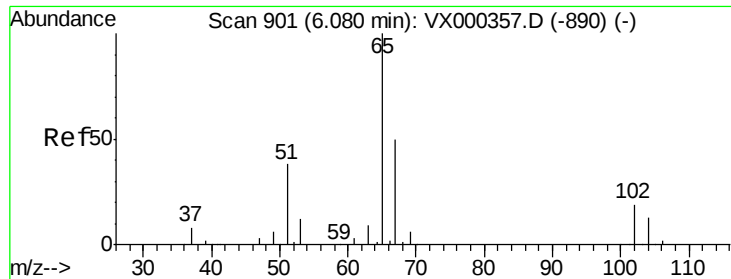
Tgt Ion: 76 Resp: 771
Ion Ratio Lower Upper
76 100
78 11.3 7.0 10.6#



#31
Cyclohexane
Concen: 1.39 ug/l
RT: 5.68 min Scan# 835
Delta R.T. 0.09 min
Lab File: VX000363.D
Acq: 20 Mar 2018 16:35

Tgt Ion: 56 Resp: 2704
Ion Ratio Lower Upper
56 100
69 121.2 23.4 35.0#
84 99.8 71.0 106.4





#33

1,2-Dichloroethane-d4

Concen: 53.22 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.01 min

Lab File: VX000363.D

Acq: 20 Mar 2018 16:35

Instrument :

MSVOA_X

ClientSampleId :

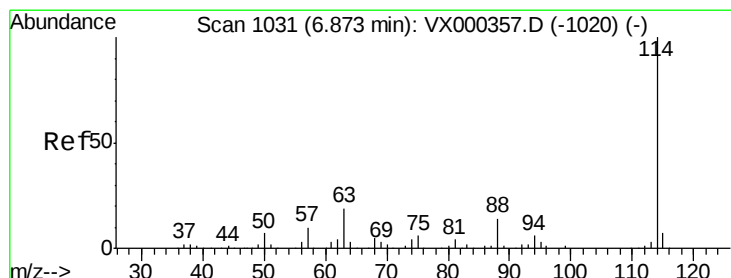
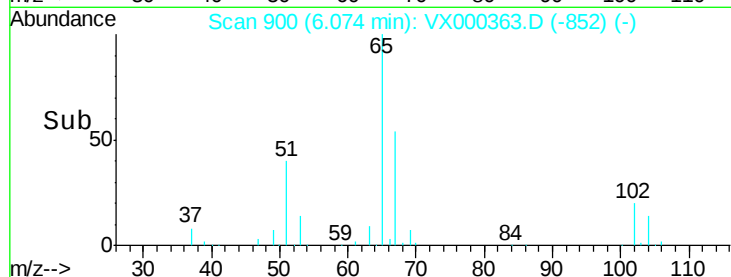
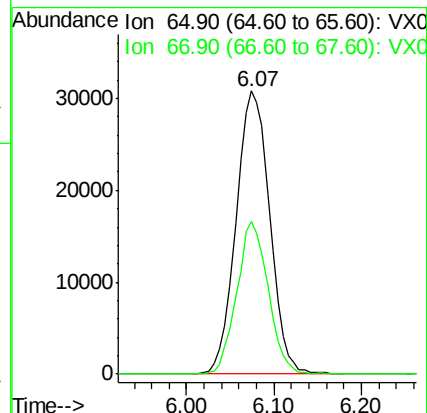
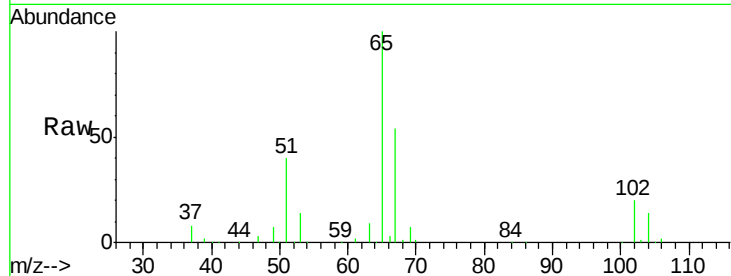
VX0320WBL01

Tgt Ion: 65 Resp: 82256

Ion Ratio Lower Upper

65 100

67 50.6 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VX000363.D

Acq: 20 Mar 2018 16:35

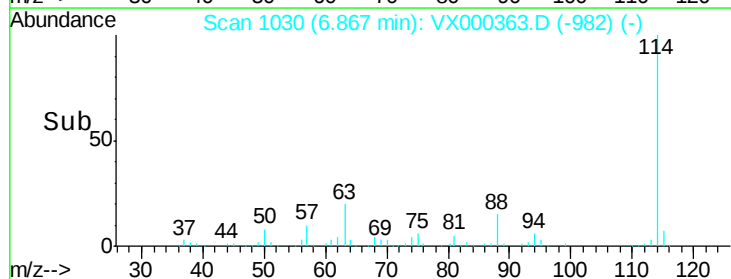
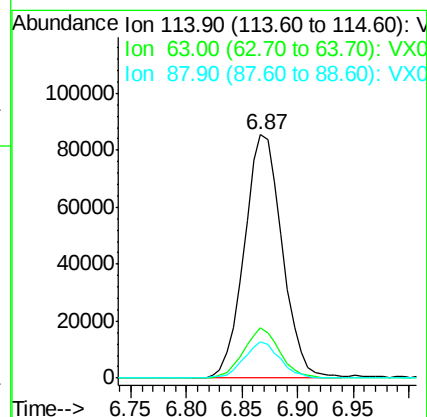
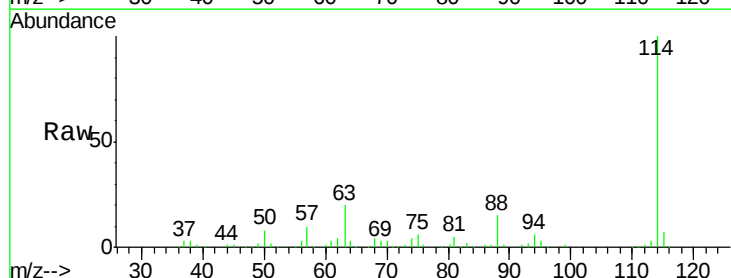
Tgt Ion: 114 Resp: 202166

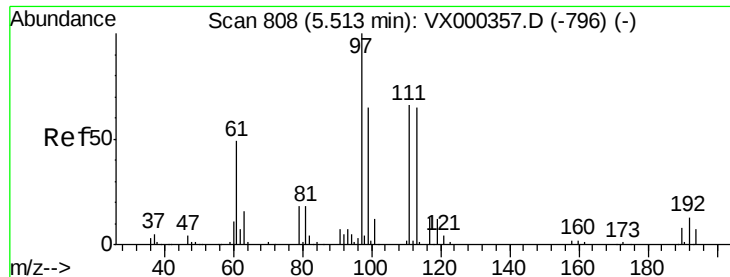
Ion Ratio Lower Upper

114 100

63 20.5 0.0 38.4

88 14.8 0.0 27.0





#35

Dibromofluoromethane

Concen: 49.23 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX000363.D

Acq: 20 Mar 2018 16:35

Instrument :

MSVOA_X

ClientSampleId :

VX0320WBL01

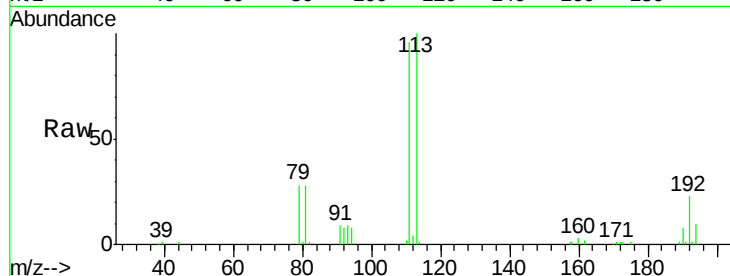
Tgt Ion:113 Resp: 62711

Ion Ratio Lower Upper

113 100

111 102.4 82.4 123.6

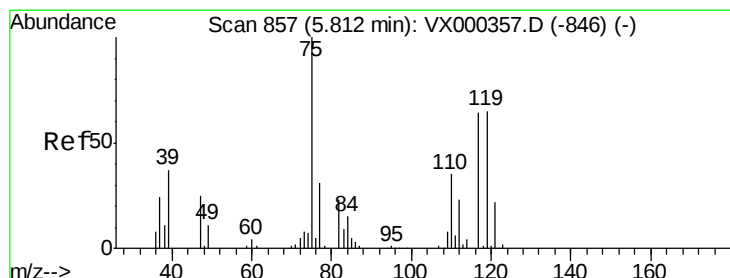
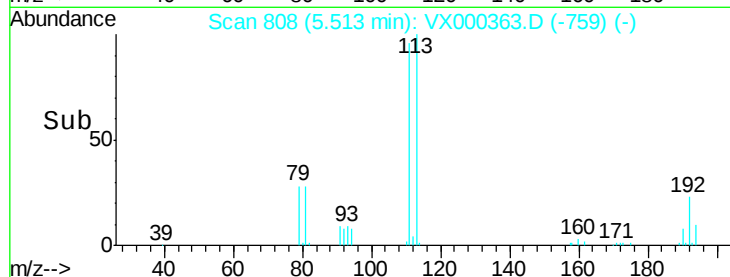
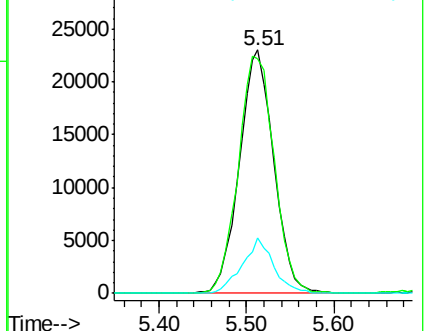
192 20.5 15.8 23.6



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: 4.85 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.14 min

Lab File: VX000363.D

Acq: 20 Mar 2018 16:35

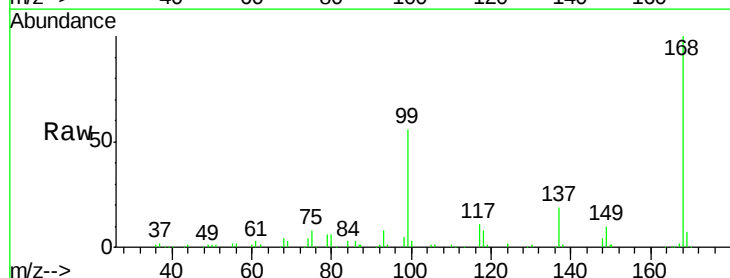
Tgt Ion: 75 Resp: 9189

Ion Ratio Lower Upper

75 100

110 11.7 17.9 53.7#

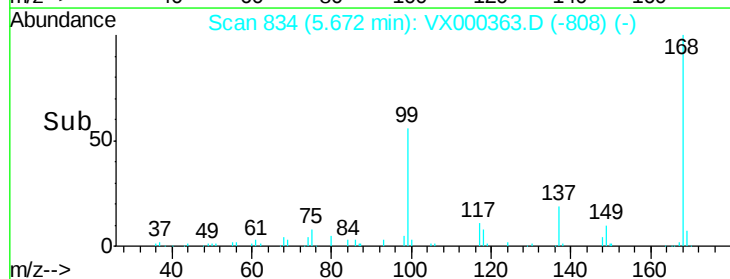
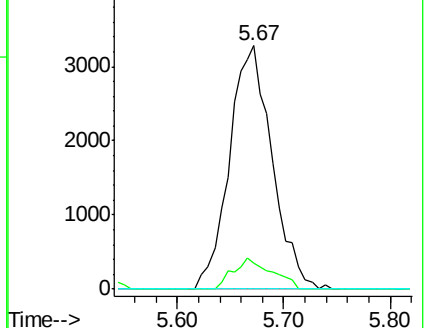
77 0.0 24.0 36.0#

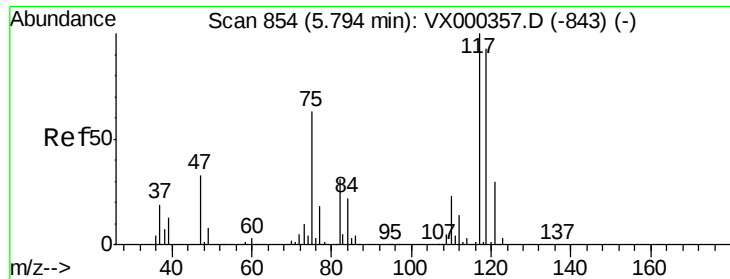


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.06 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.12 min

Lab File: VX000363.D

Acq: 20 Mar 2018 16:35

Instrument :

MSVOA_X

ClientSampleId :

VX0320WBL01

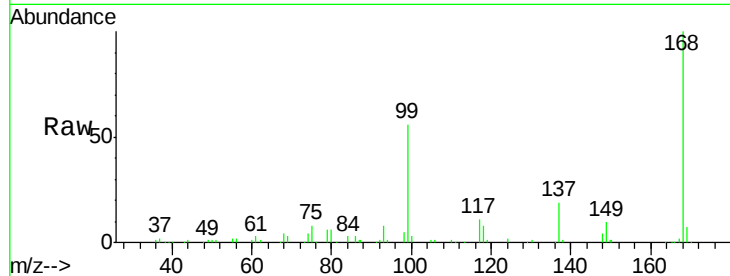
Tgt Ion: 117 Resp: 12042

Ion Ratio Lower Upper

117 100

119 4.7 77.4 116.2#

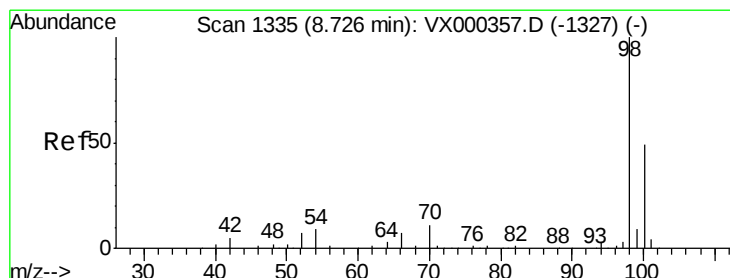
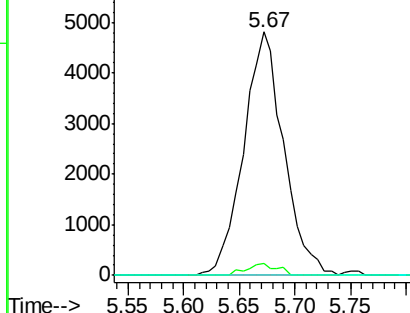
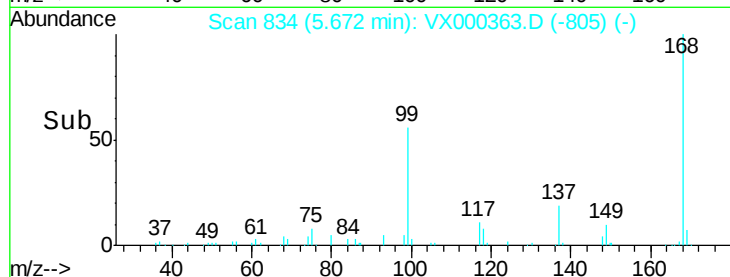
121 0.0 24.8 37.2#



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: 48.91 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.01 min

Lab File: VX000363.D

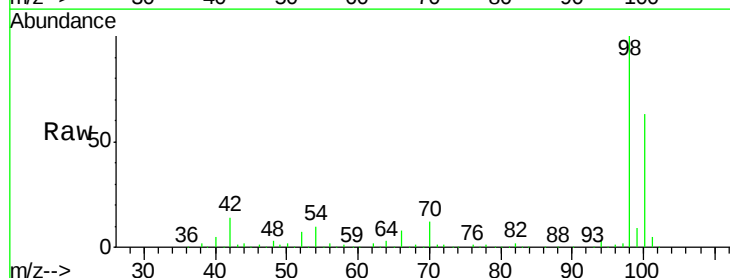
Acq: 20 Mar 2018 16:35

Tgt Ion: 98 Resp: 258023

Ion Ratio Lower Upper

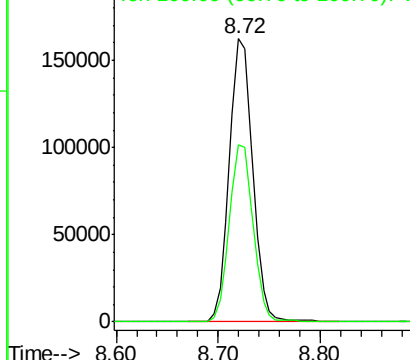
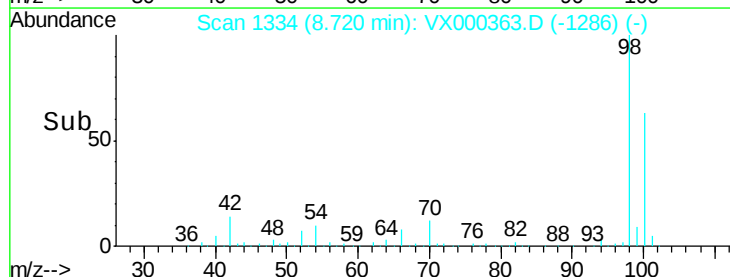
98 100

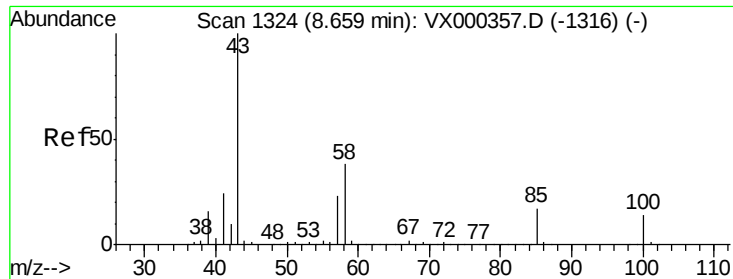
100 63.5 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 0.49 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.06 min

Lab File: VX000363.D

Acq: 20 Mar 2018 16:35

Instrument :

MSVOA_X

ClientSampled :

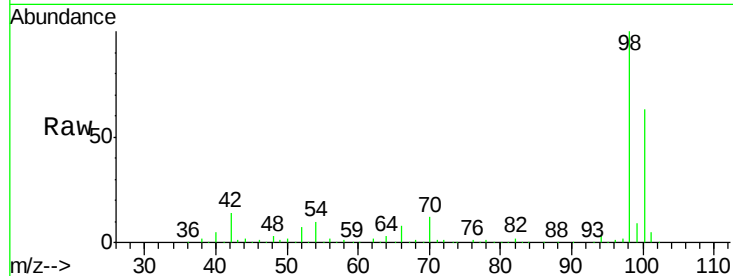
VX0320WBL01

Tgt Ion: 43 Resp: 1465

Ion Ratio Lower Upper

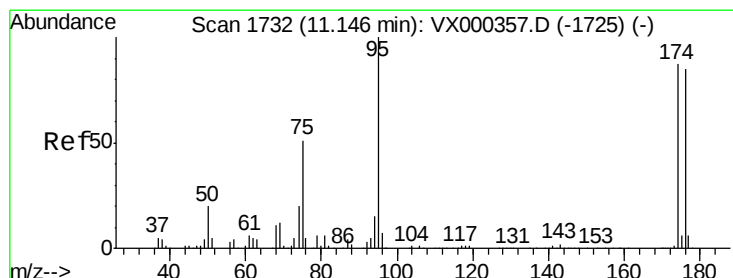
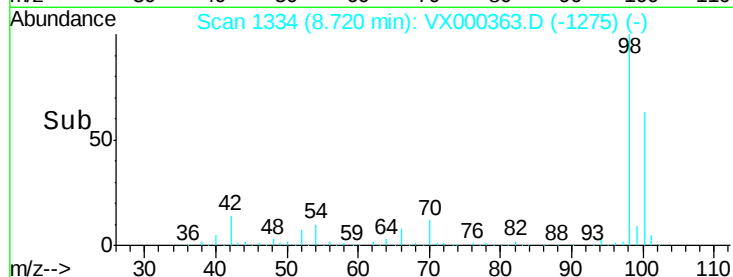
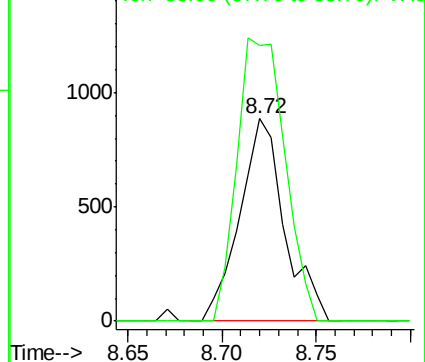
43 100

58 149.0 30.3 45.5#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#62

4-Bromofluorobenzene

Concen: 40.84 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000363.D

Acq: 20 Mar 2018 16:35

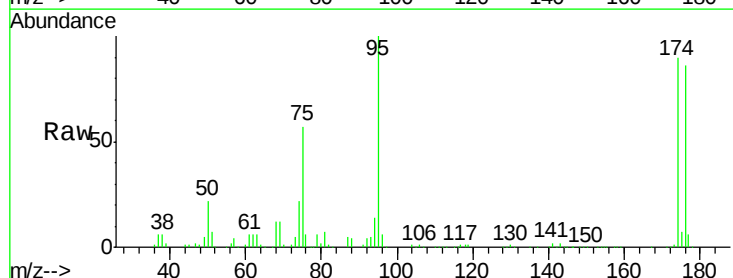
Tgt Ion: 95 Resp: 88177

Ion Ratio Lower Upper

95 100

174 88.5 0.0 173.6

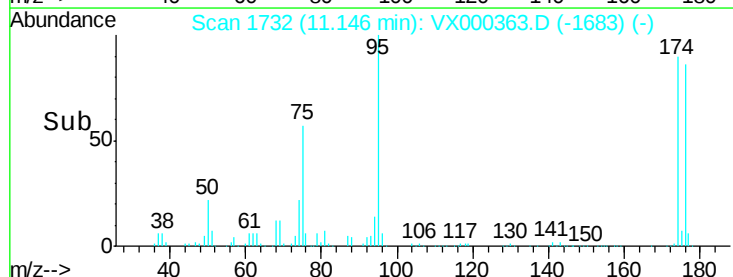
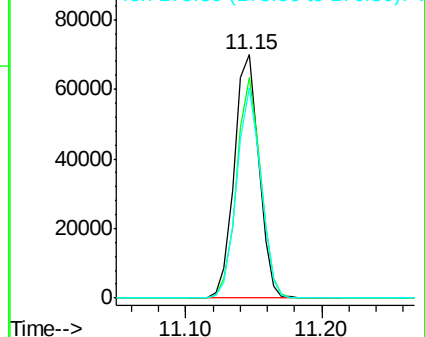
176 84.7 0.0 164.6

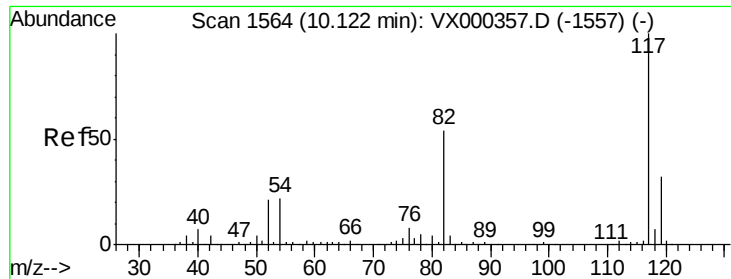


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

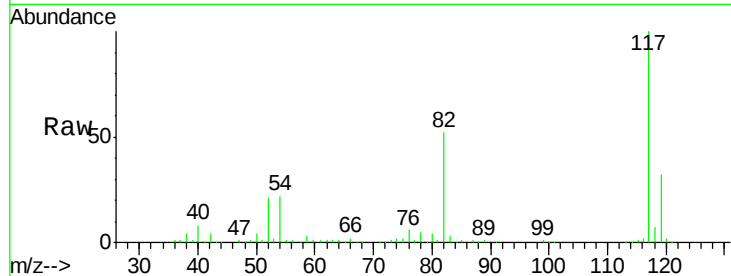




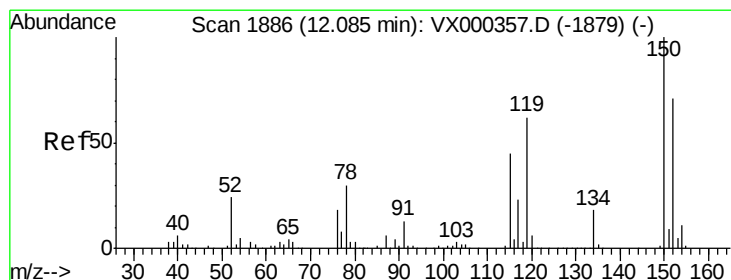
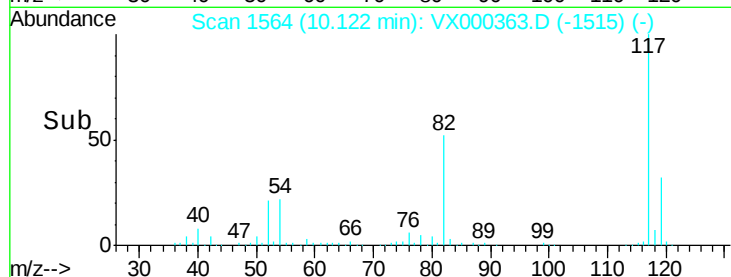
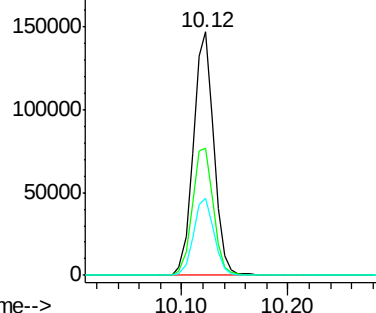
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000363.D
Acq: 20 Mar 2018 16:35

Instrument :
MSVOA_X
ClientSampleId :
VX0320WBL01

Tgt Ion:117 Resp: 197406
Ion Ratio Lower Upper
117 100
82 52.2 43.8 65.8
119 31.9 24.9 37.3

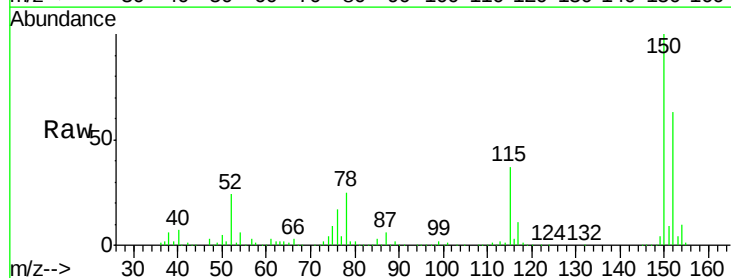


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

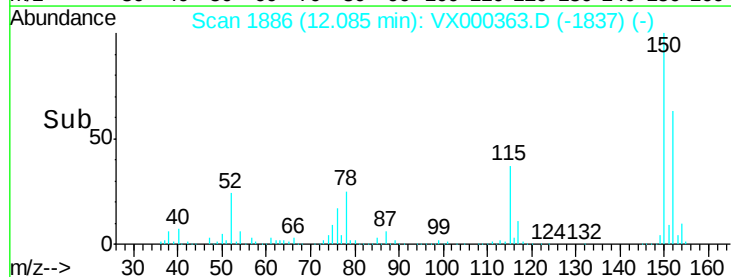
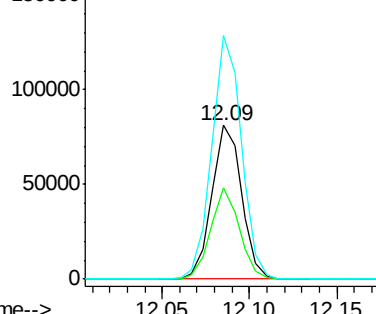


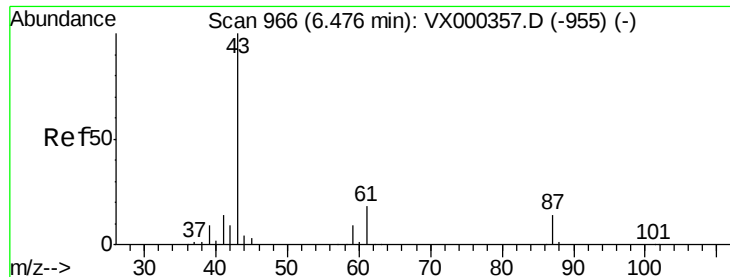
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX000363.D
Acq: 20 Mar 2018 16:35

Tgt Ion:152 Resp: 96204
Ion Ratio Lower Upper
152 100
115 56.9 39.8 119.3
150 157.3 0.0 344.4



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





#74

N-ethyl acetate

Concen: Below Cal

RT: 6.50 min Scan# 970

Delta R.T. 0.02 min

Lab File: VX000363.D

Acq: 20 Mar 2018 16:35

Instrument :

MSVOA_X

ClientSampleId :

VX0320WBL01

Tgt Ion: 43 Resp: 30

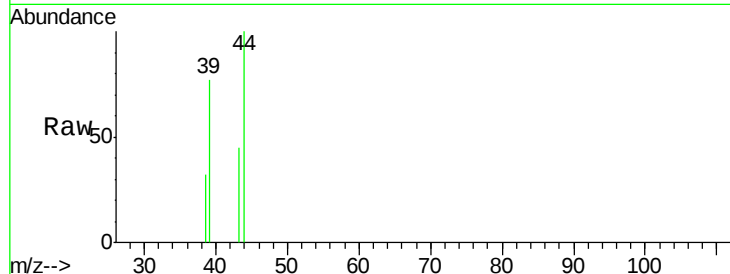
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 0.0 14.4 21.6#

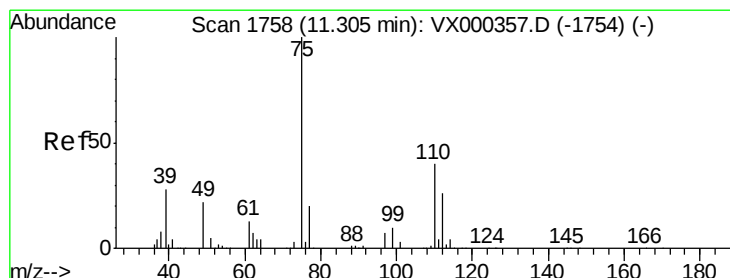
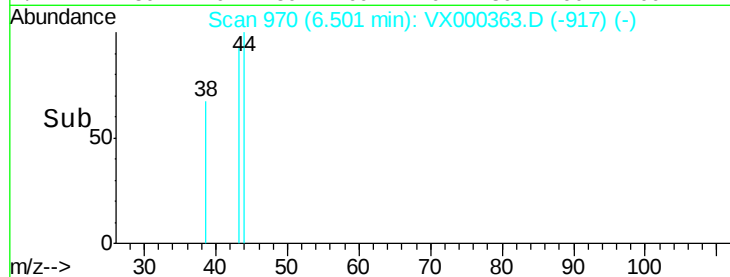
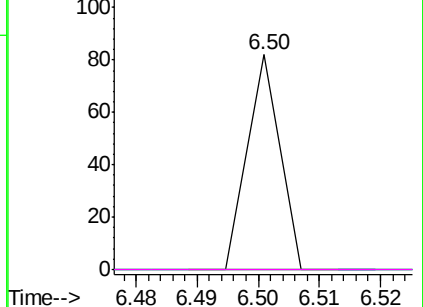


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#76

1,2,3-Trichloropropane

Concen: 23.89 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.16 min

Lab File: VX000363.D

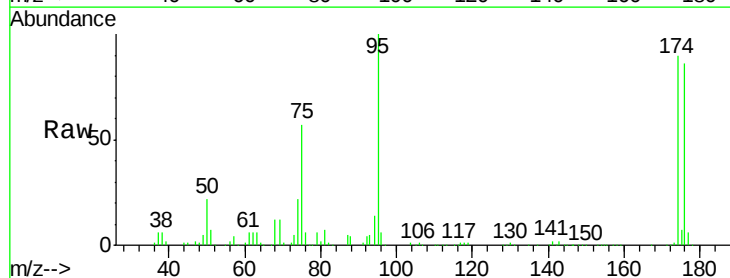
Acq: 20 Mar 2018 16:35

Tgt Ion: 75 Resp: 49389

Ion Ratio Lower Upper

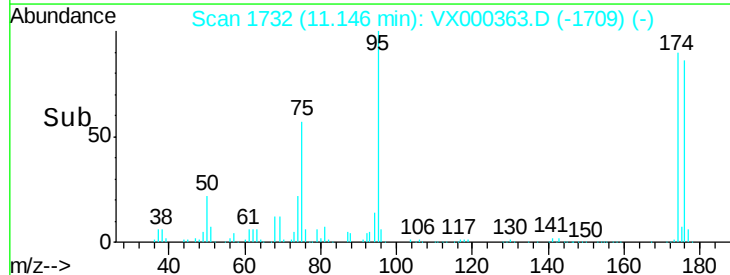
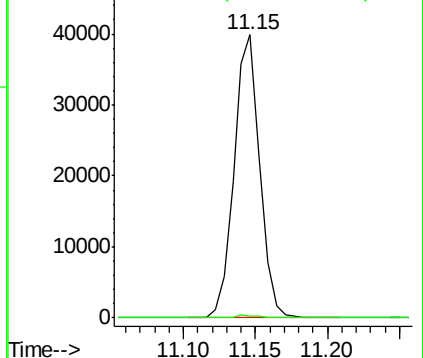
75 100

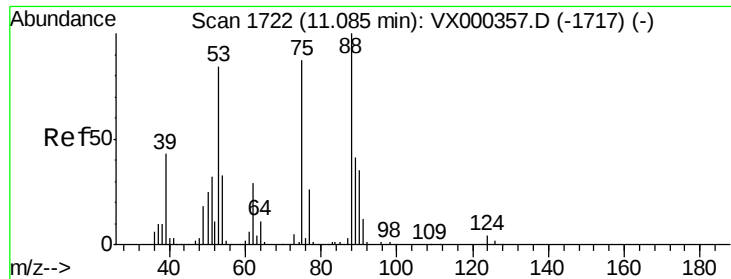
77 1.0 21.4 64.2#



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: 77.34 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.06 min

Lab File: VX000363.D

Acq: 20 Mar 2018 16:35

Instrument :

MSVOA_X

ClientSampleId :

VX0320WBL01

Tgt Ion: 75 Resp: 49389

Ion Ratio Lower Upper

75 100

53 0.0 80.7 121.1#

89 0.0 39.4 59.0#

