

Data File : VX001580.D

Acq On : 10 May 2018 02:54

Operator : JC/MD

Sample : J2649-03

Misc : 5.37g/5mL/100ul/5mL/MSVOA_X/MEOH

ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SB-1

Quant Time: May 10 04:35:26 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M

Quant Title : SW846 8260

QLast Update : Sun May 06 07:59:25 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	238097	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	323852	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	291630	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	169110	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	156583	45.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.50%	
35) Dibromofluoromethane	5.51	113	117430	40.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.54%	
50) Toluene-d8	8.72	98	445606	42.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.76%	
62) 4-Bromofluorobenzene	11.15	95	155069	38.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.84%	

Target Compounds

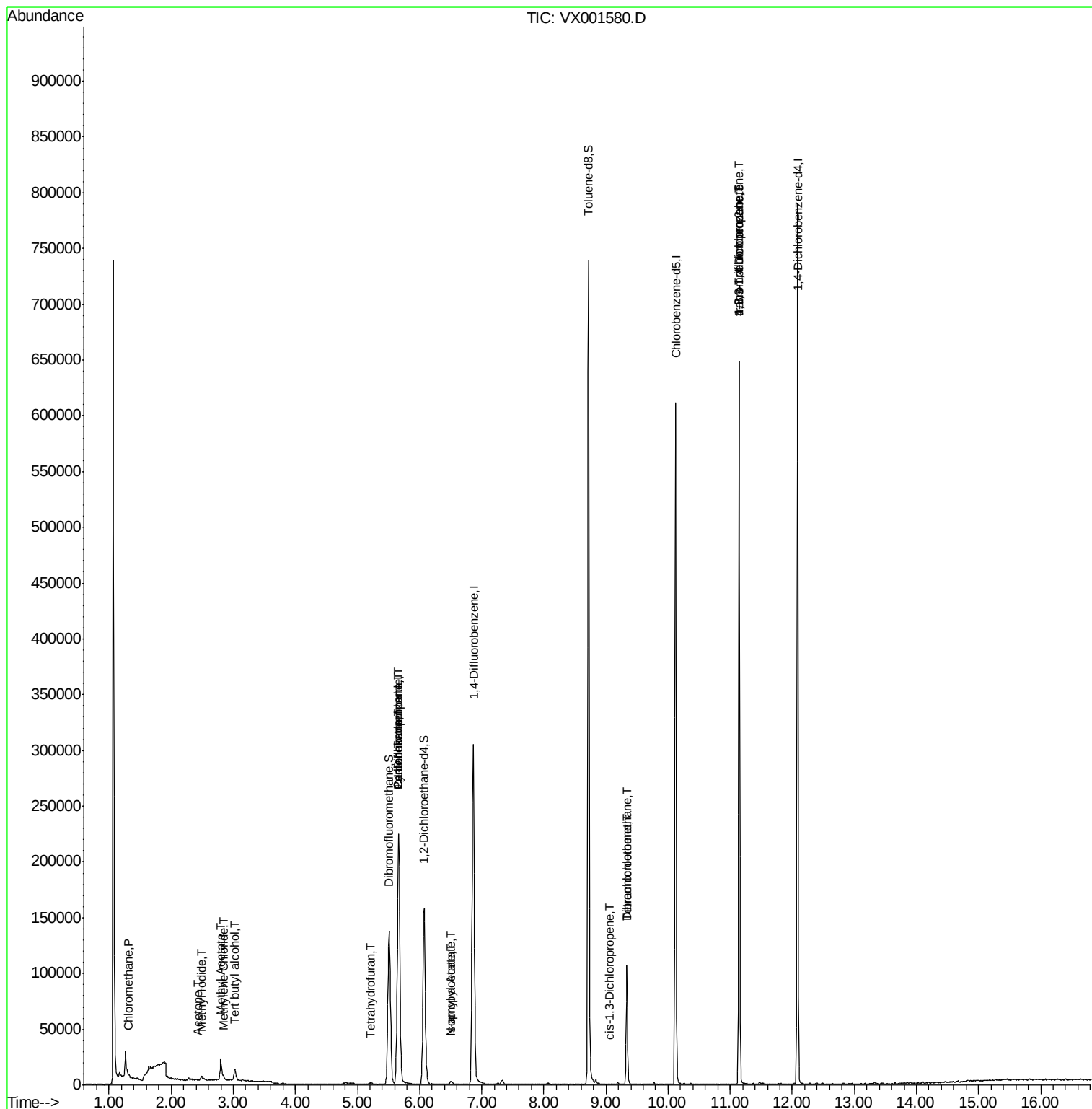
						Qvalue
3) Chloromethane	1.32	50	772	0.25	ug/l	96
5) Bromomethane	1.64	94	1671	Below	Cal	92
10) Methyl Iodide	2.48	142	3015	0.73	ug/l	98
11) Tert butyl alcohol	3.03	59	6474	8.97	ug/l #	78
13) Acrolein	2.31	56	47	Below	Cal #	1
16) Acetone	2.42	43	355	0.23	ug/l #	45
18) Methyl Acetate	2.80	43	23454	5.74	ug/l	98
20) Methylene Chloride	2.84	84	1914	0.62	ug/l	94
29) Tetrahydrofuran	5.21	42	1756	1.22	ug/l #	59
31) Cyclohexane	5.66	56	4411	1.00	ug/l #	14
36) 1,1-Dichloropropene	5.66	75	14982	3.64	ug/l #	49
38) Carbon Tetrachloride	5.66	117	20385	4.64	ug/l #	16
43) Isopropyl Acetate	6.51	43	1623	0.23	ug/l #	61
54) cis-1,3-Dichloropropene	9.05	75	68	2.28	ug/l #	10
60) Dibromochloromethane	9.34	129	19998	6.16	ug/l #	11
64) Tetrachloroethene	9.34	164	24301	5.98	ug/l	98
74) N-amyl acetate	6.51	43	1623	0.31	ug/l #	58
76) 1,2,3-Trichloropropane	11.15	75	77389	22.56	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.15	75	77389	70.06	ug/l #	7

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

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Quant Title : SW846 8260
QLast Update : Sun May 06 07:59:25 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX001580.D

Acq: 10 May 2018 02:54

Instrument :

MSVOA_X

ClientSampled :

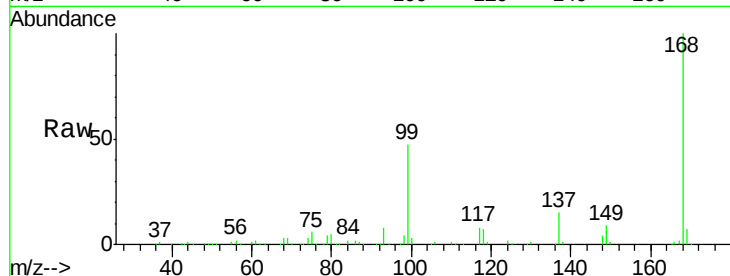
SB-1

Tgt Ion:168 Resp: 238097

Ion Ratio Lower Upper

168 100

99 47.2 36.6 54.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

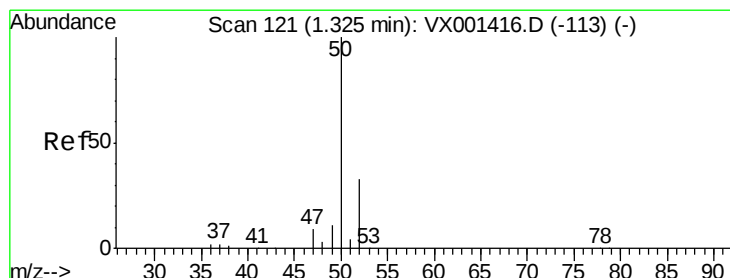
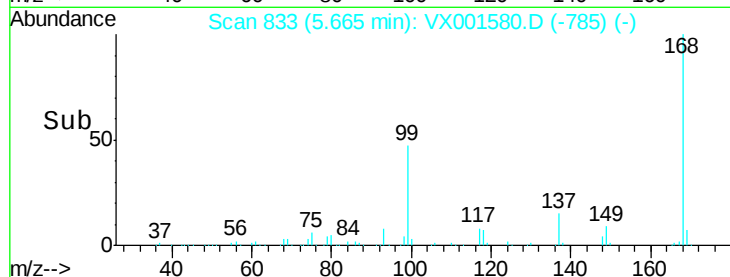
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.25 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX001580.D

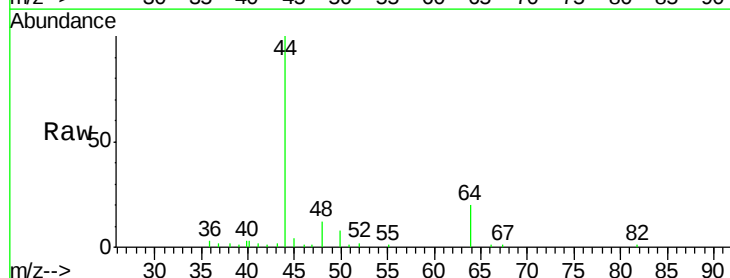
Acq: 10 May 2018 02:54

Tgt Ion: 50 Resp: 772

Ion Ratio Lower Upper

50 100

52 30.7 26.2 39.4



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

500

400

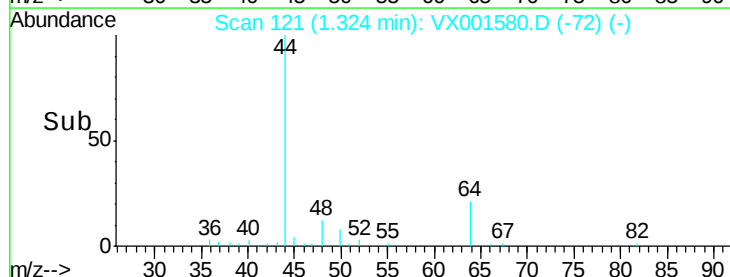
300

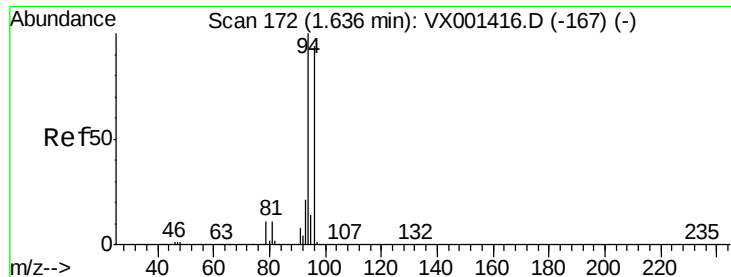
200

100

0

Time--> 1.30 1.35





#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001580.D

Acq: 10 May 2018 02:54

Instrument :

MSVOA_X

ClientSampleId :

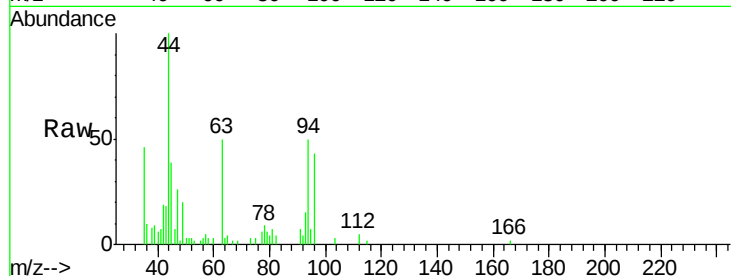
SB-1

Tgt Ion: 94 Resp: 1671

Ion Ratio Lower Upper

94 100

96 85.9 75.0 112.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

1500

1000

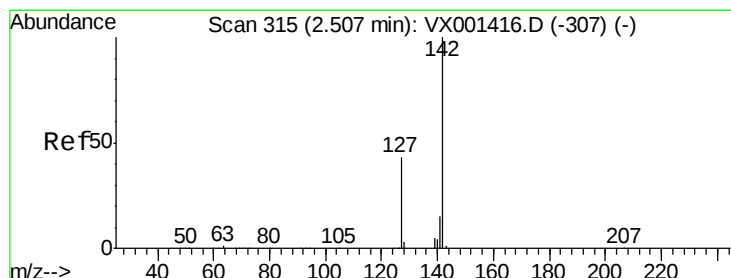
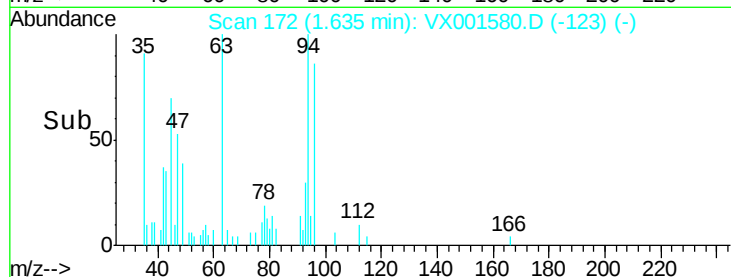
500

0

Time-->

1.60

1.65



#10

Methyl Iodide

Concen: 0.73 ug/l

RT: 2.48 min Scan# 311

Delta R.T. -0.02 min

Lab File: VX001580.D

Acq: 10 May 2018 02:54

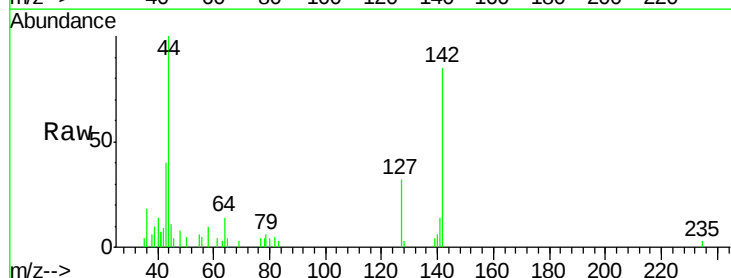
Tgt Ion: 142 Resp: 3015

Ion Ratio Lower Upper

142 100

127 41.2 33.6 50.4

141 16.6 11.4 17.2



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

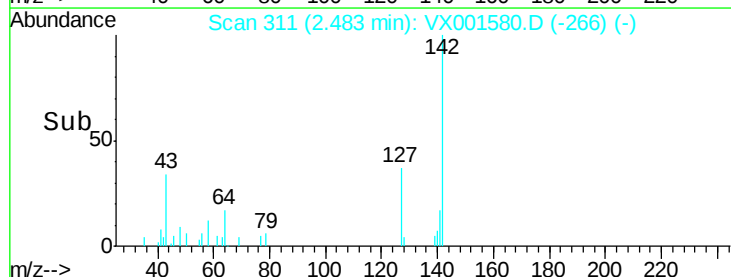
Time-->

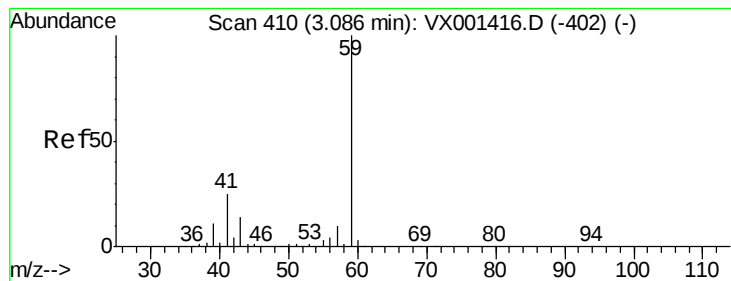
2.40

2.45

2.50

2.55





#11

Tert butyl alcohol

Concen: 8.97 ug/l

RT: 3.03 min Scan# 400

Delta R.T. -0.06 min

Lab File: VX001580.D

Acq: 10 May 2018 02:54

Instrument :

MSVOA_X

ClientSampled :

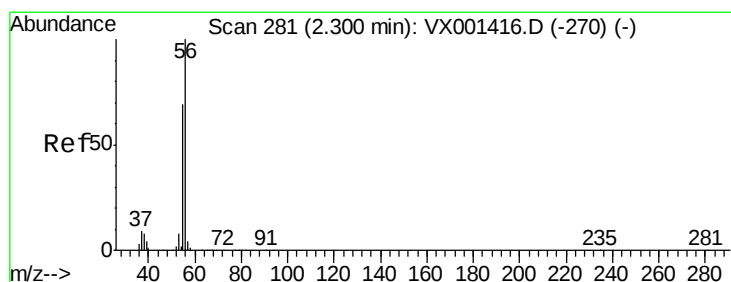
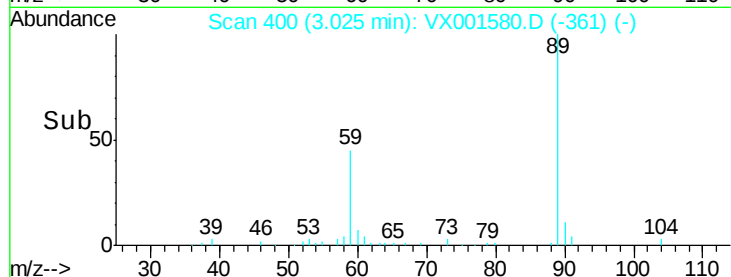
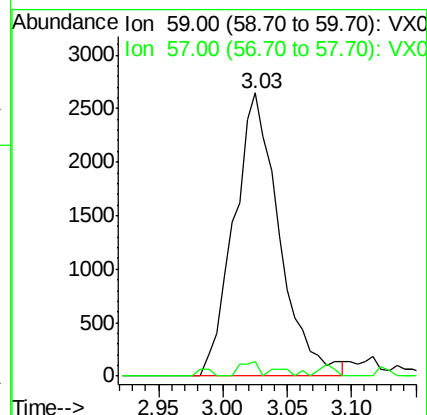
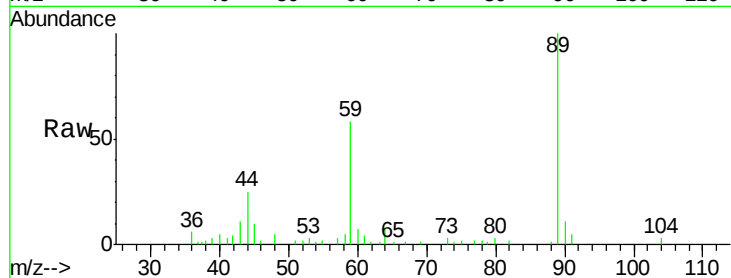
SB-1

Tgt Ion: 59 Resp: 6474

Ion Ratio Lower Upper

59 100

57 2.0 8.2 12.4#



#13

Acrolein

Concen: Below Cal

RT: 2.31 min Scan# 282

Delta R.T. 0.01 min

Lab File: VX001580.D

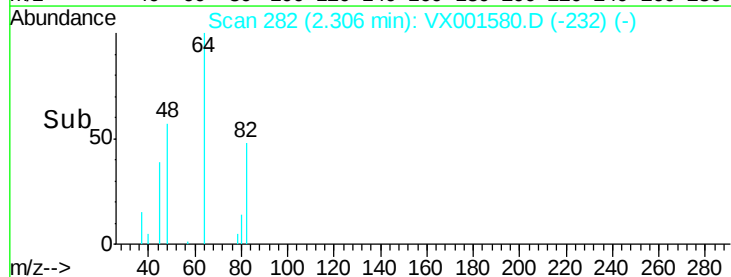
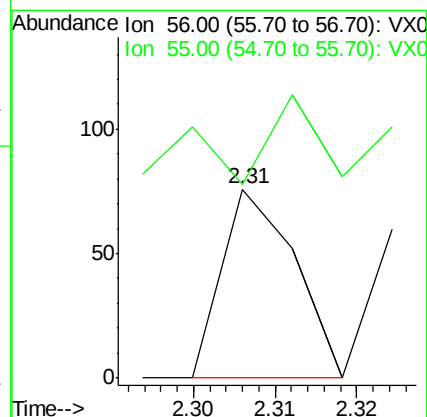
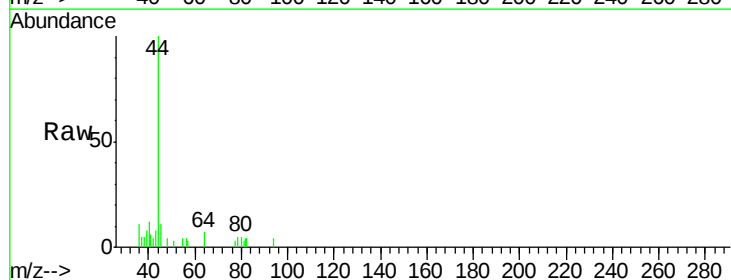
Acq: 10 May 2018 02:54

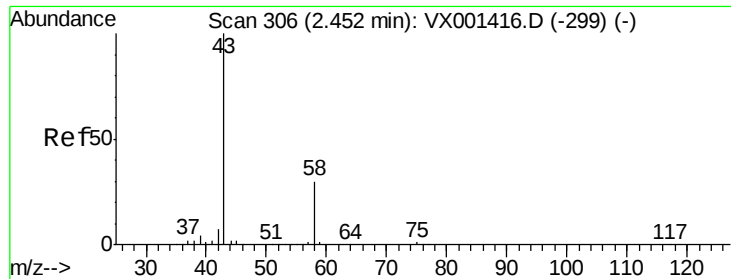
Tgt Ion: 56 Resp: 47

Ion Ratio Lower Upper

56 100

55 251.1 54.5 81.7#





#16

Acetone

Concen: 0.23 ug/l

RT: 2.42 min Scan# 301

Delta R.T. -0.03 min

Lab File: VX001580.D

Acq: 10 May 2018 02:54

Instrument :

MSVOA_X

ClientSampled :

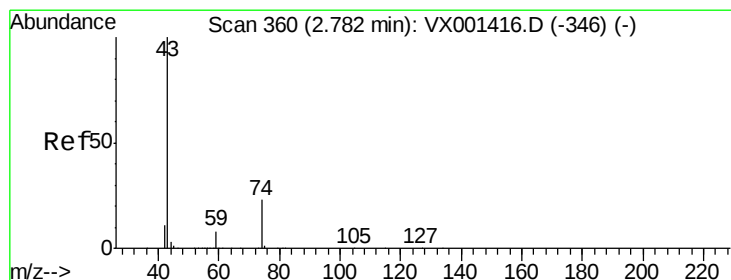
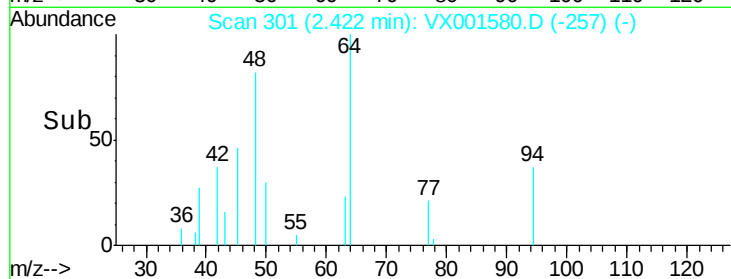
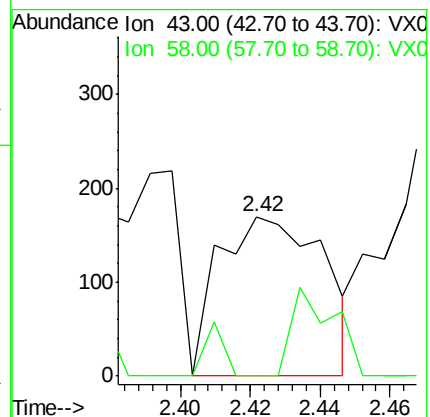
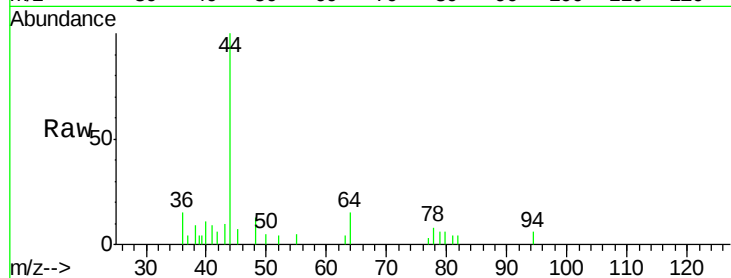
SB-1

Tgt Ion: 43 Resp: 355

Ion Ratio Lower Upper

43 100

58 0.0 23.8 35.8#



#18

Methyl Acetate

Concen: 5.74 ug/l

RT: 2.80 min Scan# 363

Delta R.T. 0.02 min

Lab File: VX001580.D

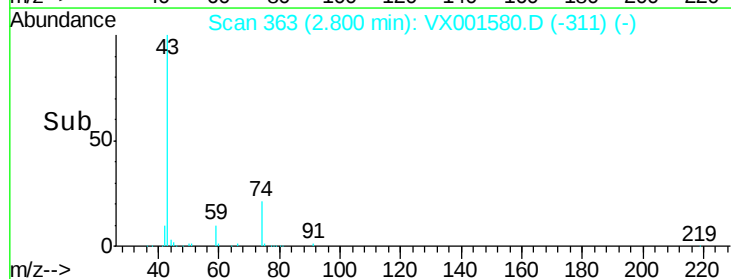
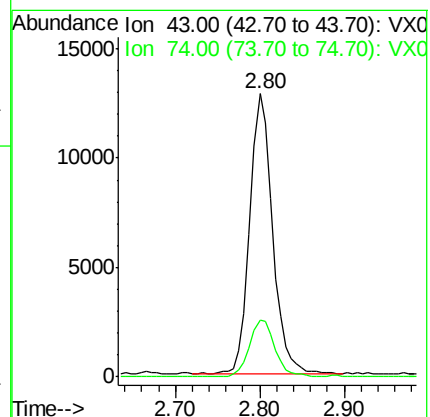
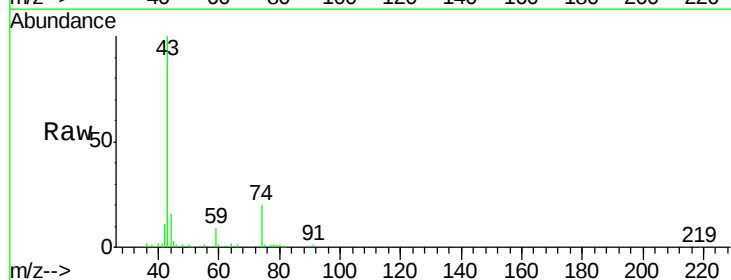
Acq: 10 May 2018 02:54

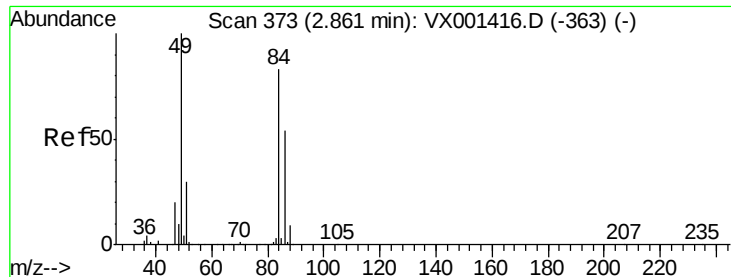
Tgt Ion: 43 Resp: 23454

Ion Ratio Lower Upper

43 100

74 22.4 18.6 27.8

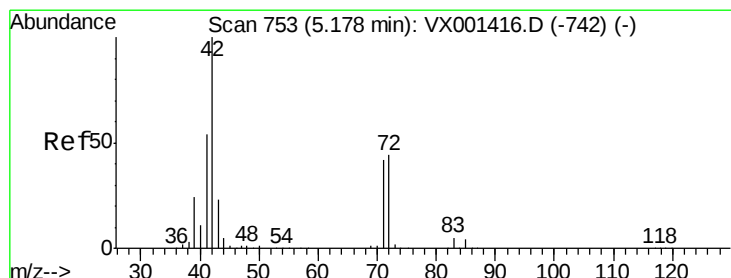
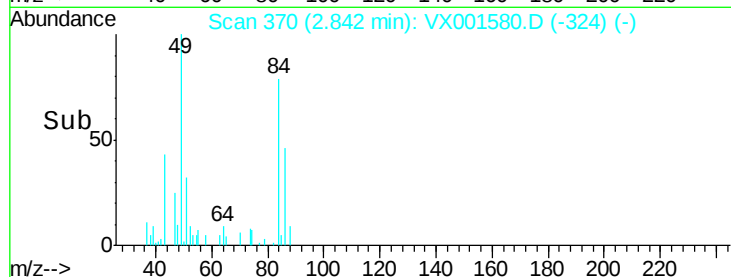
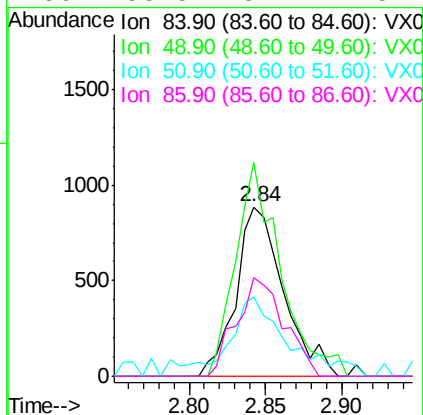
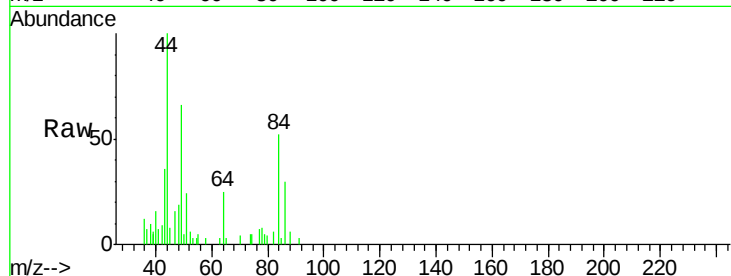




#20
Methylene Chloride
Concen: 0.62 ug/l
RT: 2.84 min Scan# 370
Delta R.T. -0.02 min
Lab File: VX001580.D
Acq: 10 May 2018 02:54

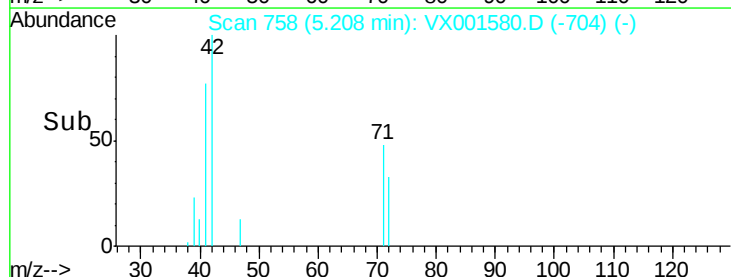
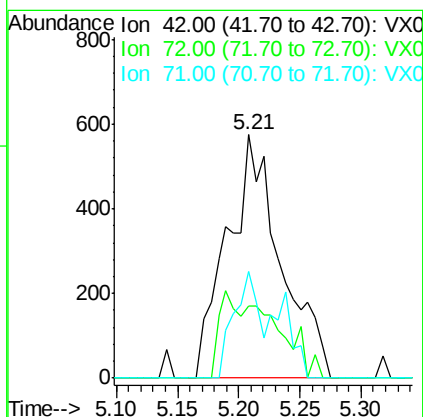
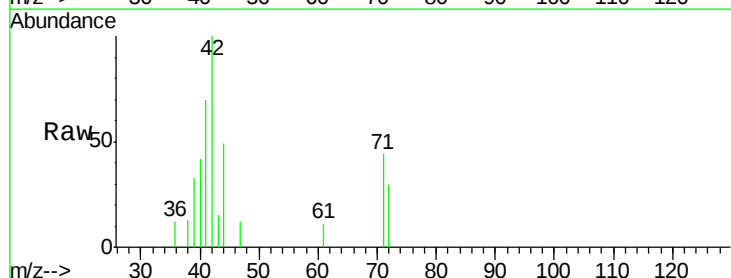
Instrument :
MSVOA_X
ClientSampleId :
SB-1

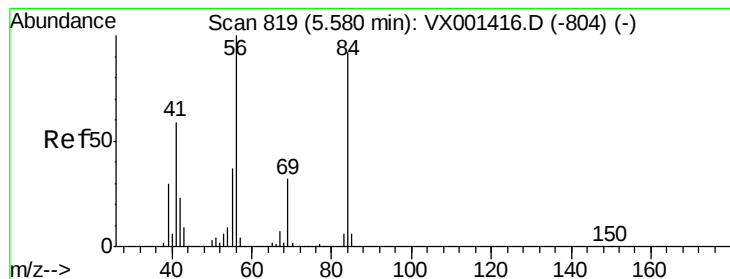
Tgt Ion:	84	Resp:	1914
Ion	Ratio	Lower	Upper
84	100		
49	126.2	96.6	144.8
51	39.5	29.0	43.4
86	58.5	52.2	78.4



#29
Tetrahydrofuran
Concen: 1.22 ug/l
RT: 5.21 min Scan# 758
Delta R.T. 0.03 min
Lab File: VX001580.D
Acq: 10 May 2018 02:54

Tgt Ion:	42	Resp:	1756
Ion	Ratio	Lower	Upper
42	100		
72	13.9	35.4	53.2#
71	20.1	33.0	49.4#





#31

Cyclohexane

Concen: 1.00 ug/l

RT: 5.66 min Scan# 832

Delta R.T. 0.08 min

Lab File: VX001580.D

Acq: 10 May 2018 02:54

Instrument :

MSVOA_X

ClientSampled :

SB-1

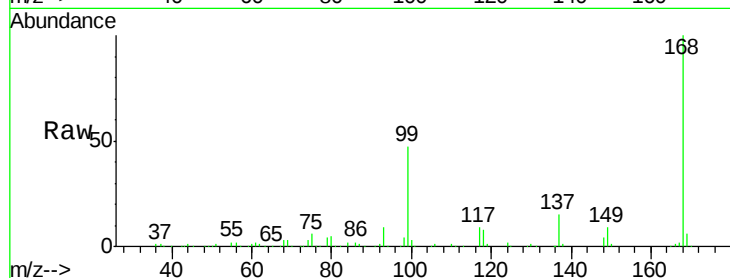
Tgt Ion: 56 Resp: 4411

Ion Ratio Lower Upper

56 100

69 167.3 25.4 38.0#

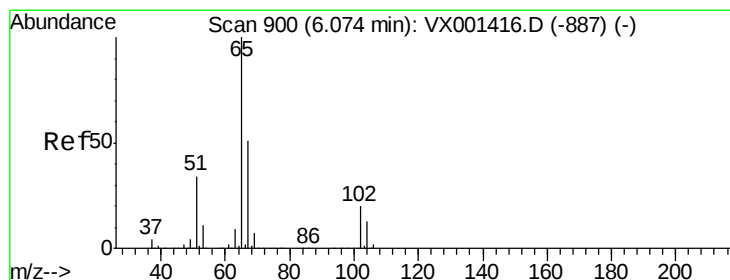
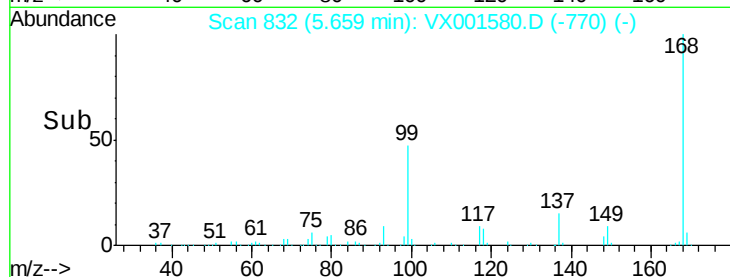
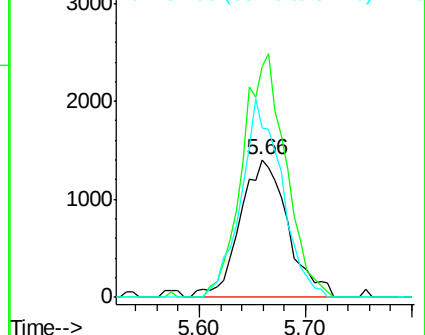
84 122.6 73.8 110.8#



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: 45.75 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX001580.D

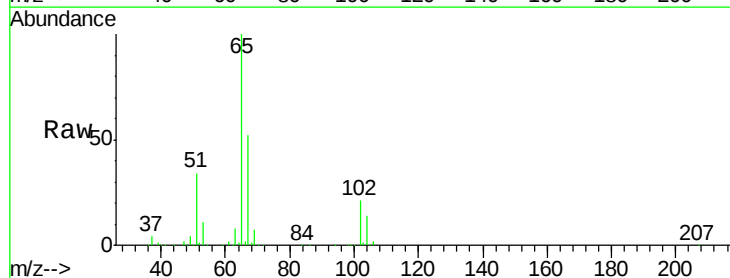
Acq: 10 May 2018 02:54

Tgt Ion: 65 Resp: 156583

Ion Ratio Lower Upper

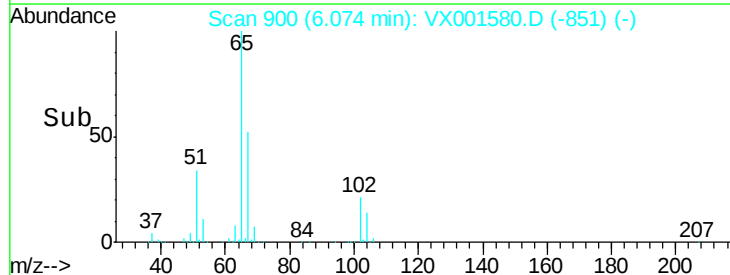
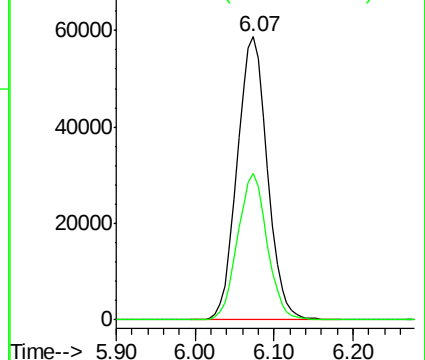
65 100

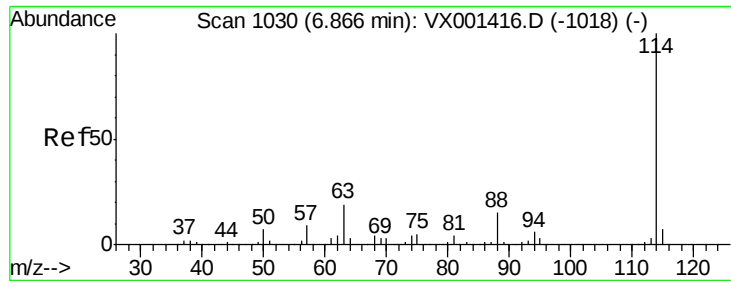
67 50.4 0.0 101.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

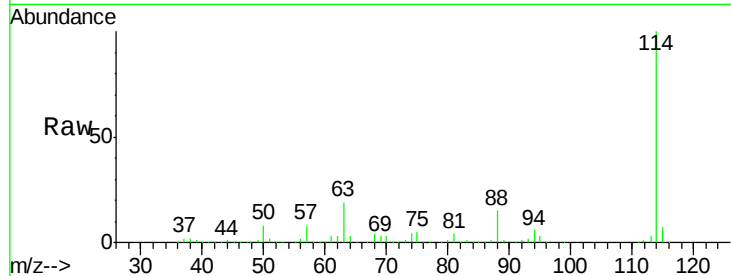




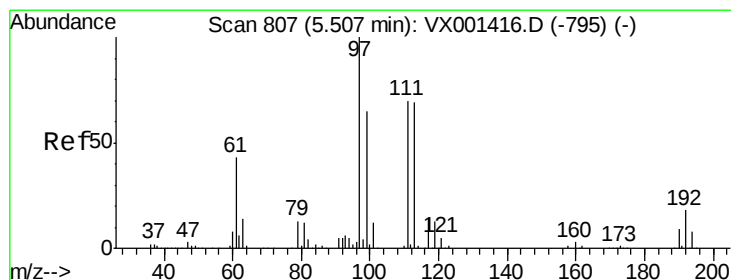
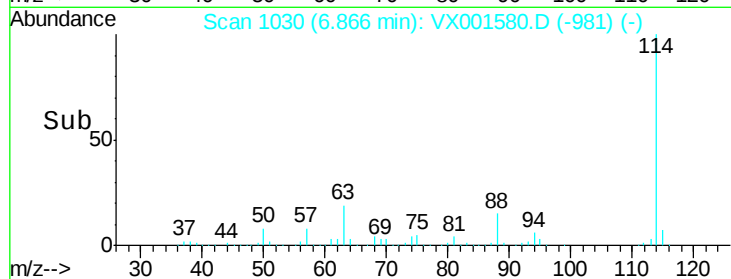
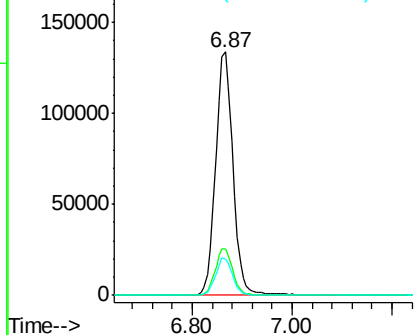
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX001580.D
 Acq: 10 May 2018 02:54

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-1

Tgt Ion:114 Resp: 323852
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 38.6
 88 15.1 0.0 30.8

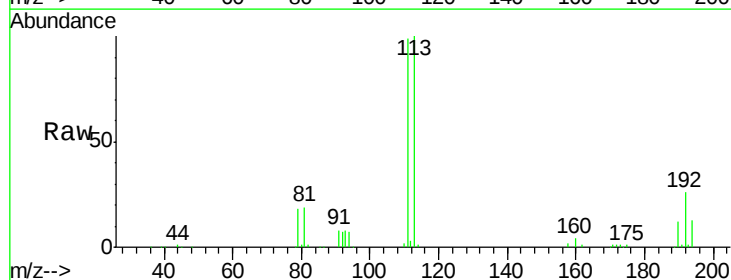


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

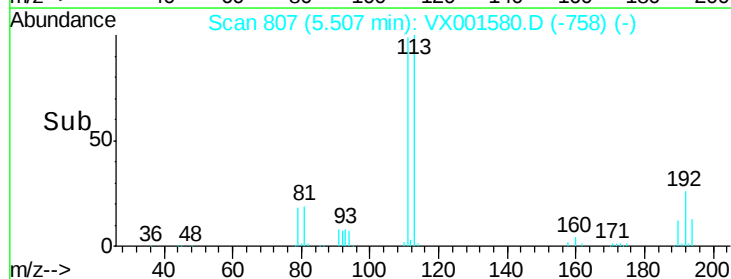
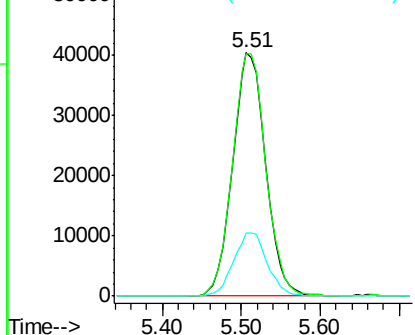


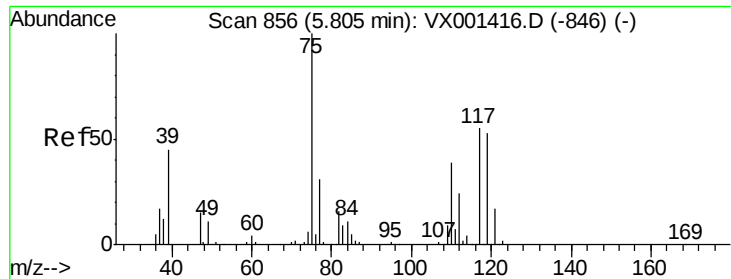
#35
 Dibromofluoromethane
 Concen: 40.77 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX001580.D
 Acq: 10 May 2018 02:54

Tgt Ion:113 Resp: 117430
 Ion Ratio Lower Upper
 113 100
 111 101.1 82.2 123.2
 192 26.4 21.4 32.0



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

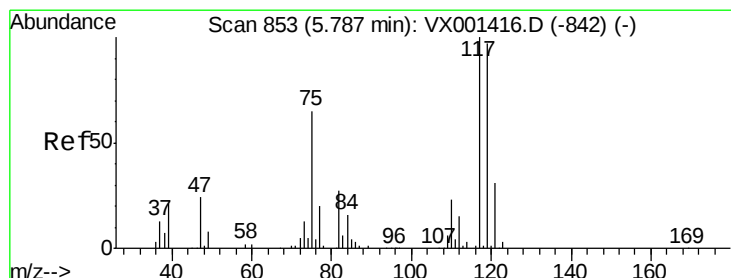
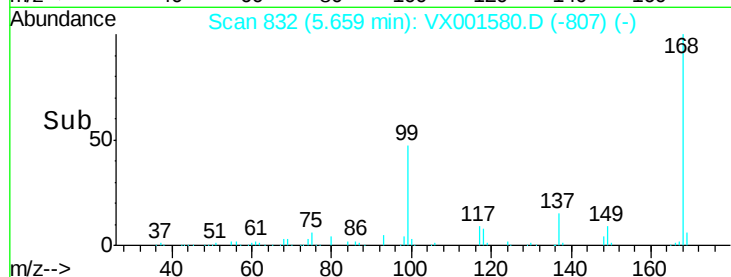
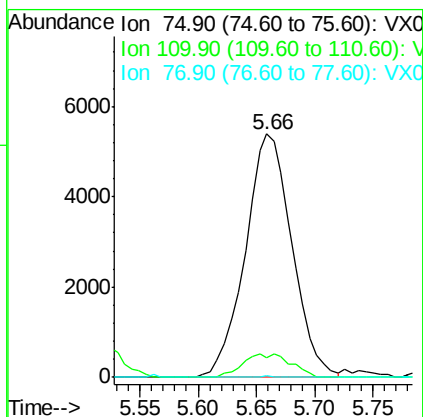
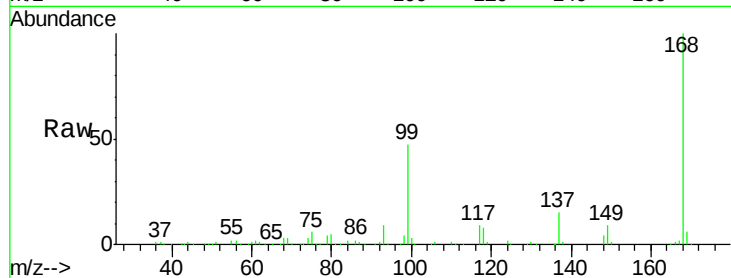




#36
 1,1-Dichloropropene
 Concen: 3.64 ug/l
 RT: 5.66 min Scan# 832
 Delta R.T. -0.15 min
 Lab File: VX001580.D
 Acq: 10 May 2018 02:54

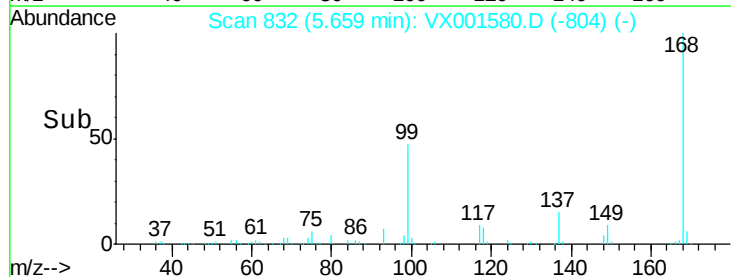
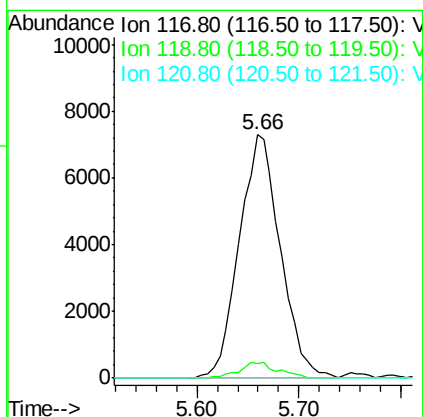
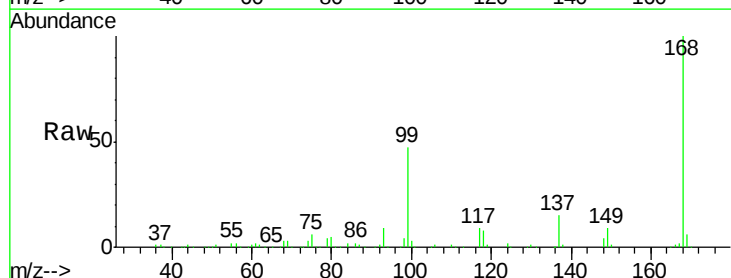
Instrument :
 MSVOA_X
 ClientSampled :
 SB-1

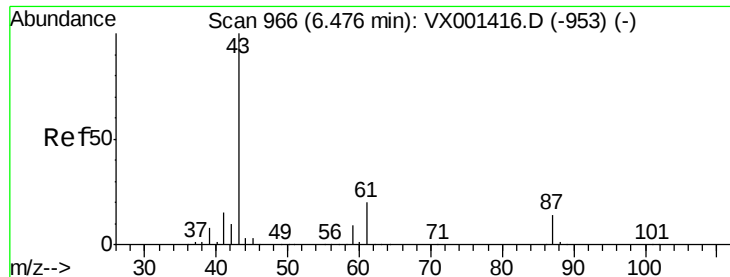
Tgt Ion: 75 Resp: 14982
 Ion Ratio Lower Upper
 75 100
 110 9.9 18.9 56.7#
 77 0.1 24.9 37.3#



#38
 Carbon Tetrachloride
 Concen: 4.64 ug/l
 RT: 5.66 min Scan# 832
 Delta R.T. -0.13 min
 Lab File: VX001580.D
 Acq: 10 May 2018 02:54

Tgt Ion: 117 Resp: 20385
 Ion Ratio Lower Upper
 117 100
 119 6.0 77.0 115.6#
 121 0.0 25.1 37.7#





#43

Isopropyl Acetate

Concen: 0.23 ug/l

RT: 6.51 min Scan# 972

Delta R.T. 0.04 min

Lab File: VX001580.D

Acq: 10 May 2018 02:54

Instrument :

MSVOA_X

ClientSampleId :

SB-1

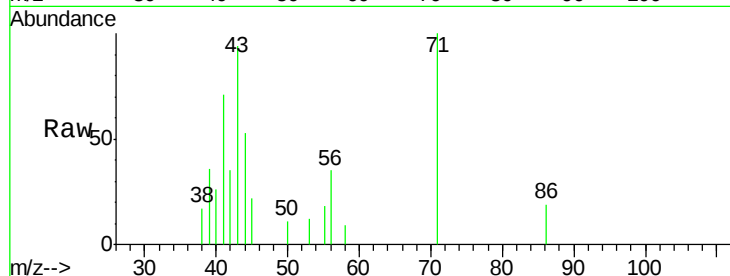
Tgt Ion: 43 Resp: 1623

Ion Ratio Lower Upper

43 100

61 0.0 15.4 23.0#

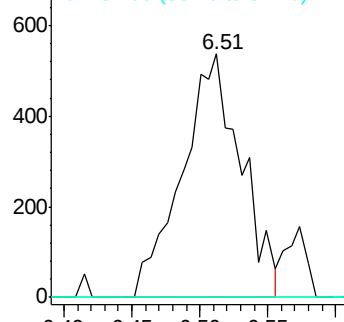
87 0.0 10.8 16.2#



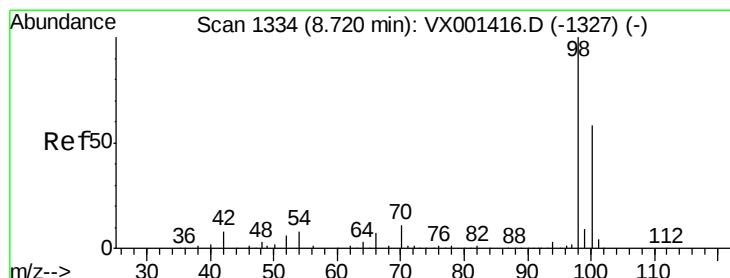
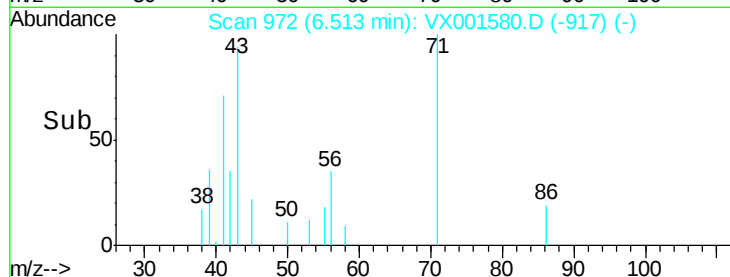
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



Time-->



#50

Toluene-d8

Concen: 42.38 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX001580.D

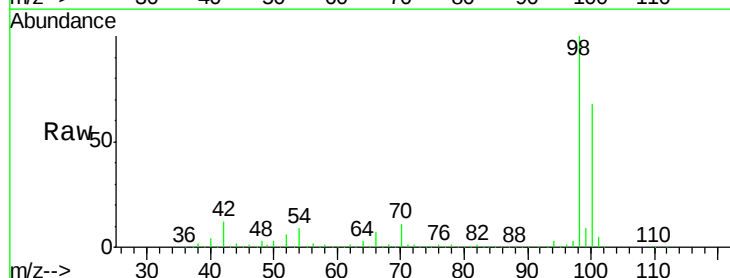
Acq: 10 May 2018 02:54

Tgt Ion: 98 Resp: 445606

Ion Ratio Lower Upper

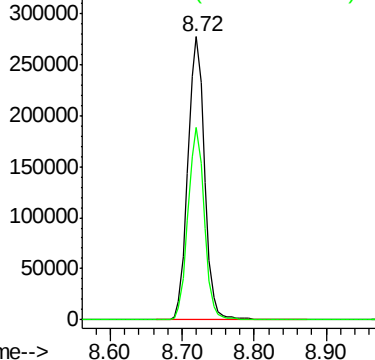
98 100

100 66.6 54.0 81.0

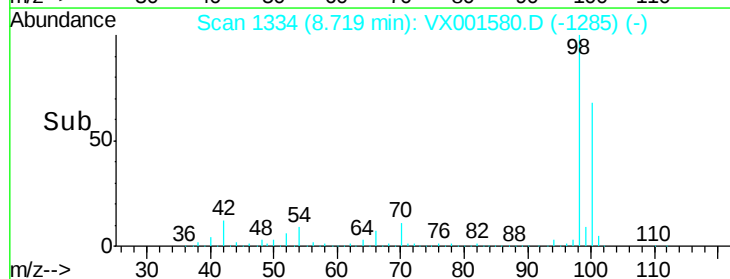


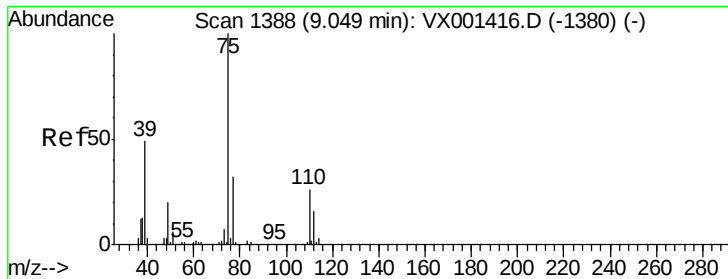
Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



Time-->



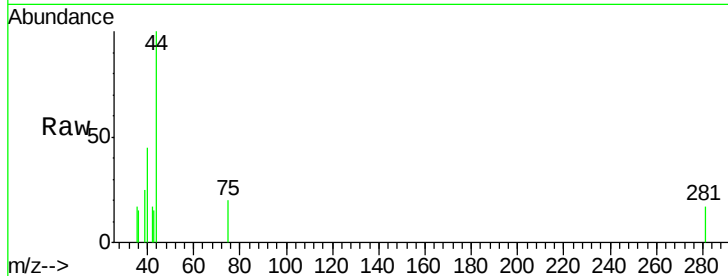


#54

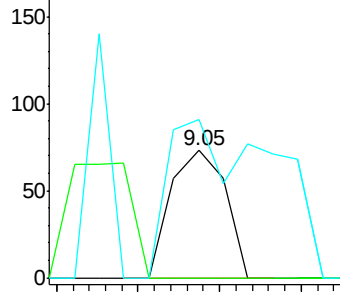
cis-1,3-Dichloropropene
 Concen: 2.28 ug/l
 RT: 9.05 min Scan# 1389
 Delta R.T. 0.01 min
 Lab File: VX001580.D
 Acq: 10 May 2018 02:54

Instrument :
 MSVOA_X
 ClientSampled :
 SB-1

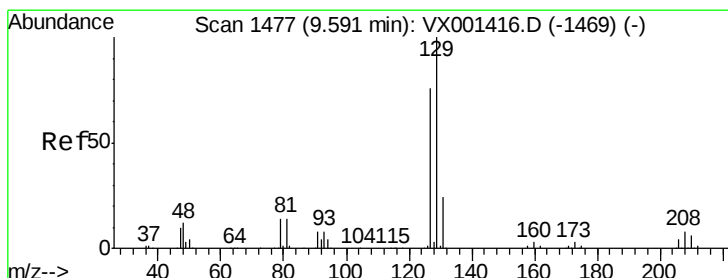
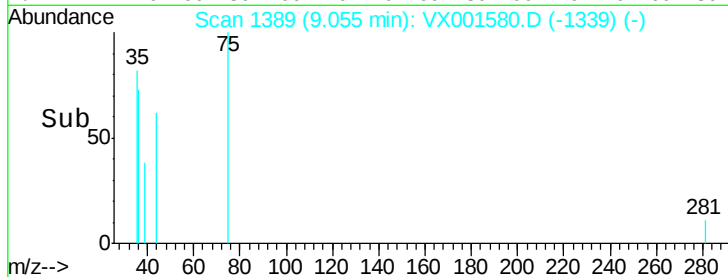
Tgt Ion: 75 Resp: 68
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.5 38.3#
 39 124.7 38.9 58.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 76.90 (76.60 to 77.60): VX0
 Ion 39.00 (38.70 to 39.70): VX0



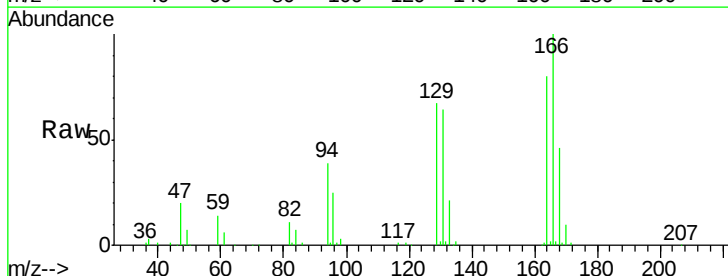
Time-->



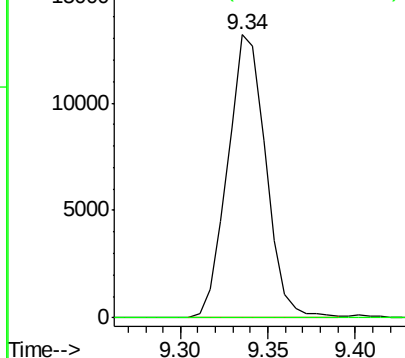
#60

Dibromochloromethane
 Concen: 6.16 ug/l
 RT: 9.34 min Scan# 1435
 Delta R.T. -0.26 min
 Lab File: VX001580.D
 Acq: 10 May 2018 02:54

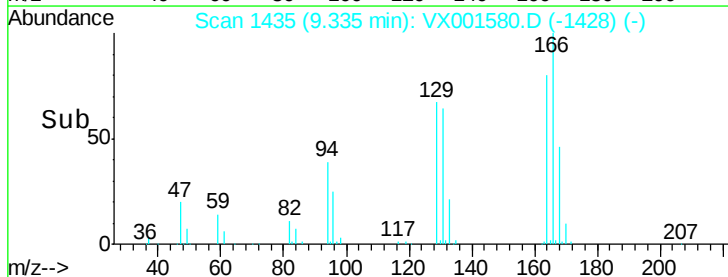
Tgt Ion: 129 Resp: 19998
 Ion Ratio Lower Upper
 129 100
 127 0.0 38.1 114.5#

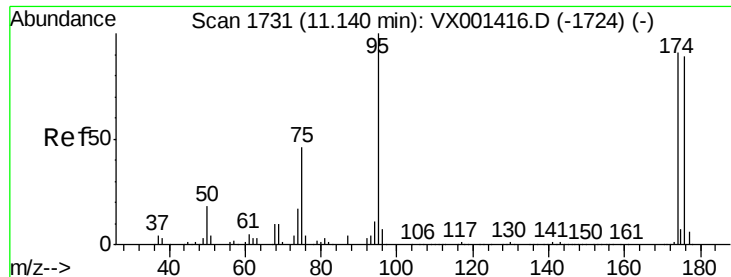


Abundance Ion 128.80 (128.50 to 129.50): V
 Ion 126.80 (126.50 to 127.50): V



Time-->

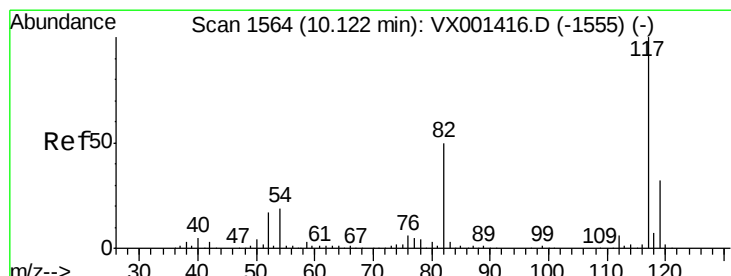
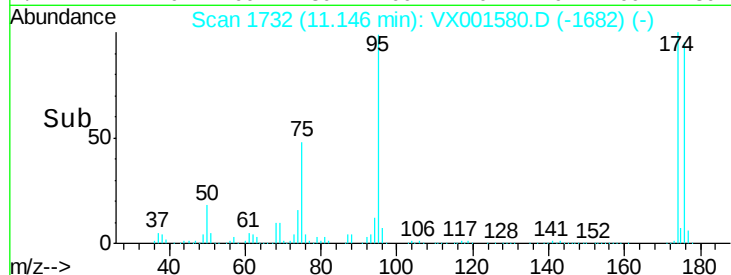
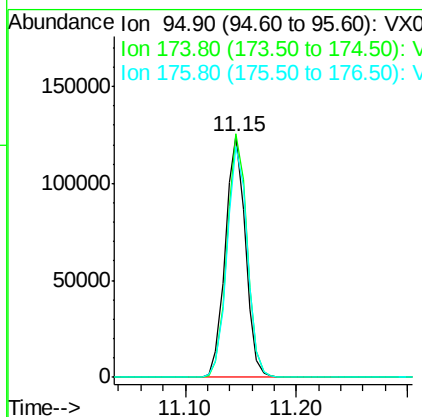
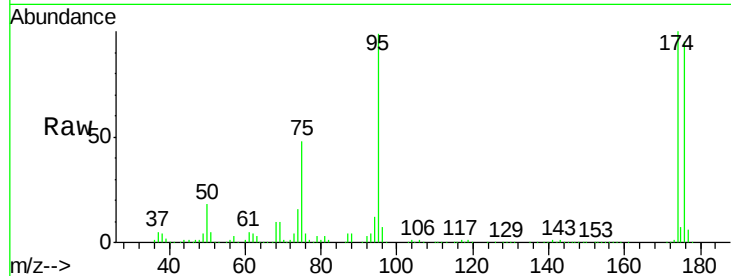




#62
4-Bromofluorobenzene
Concen: 38.42 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.01 min
Lab File: VX001580.D
Acq: 10 May 2018 02:54

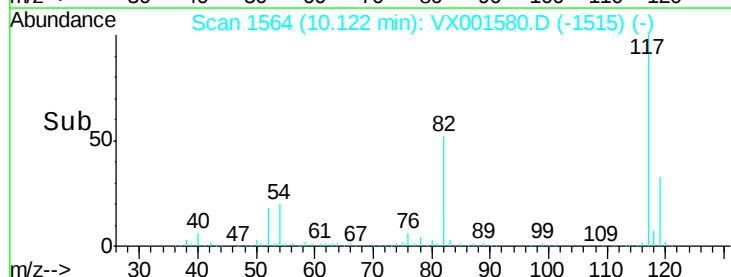
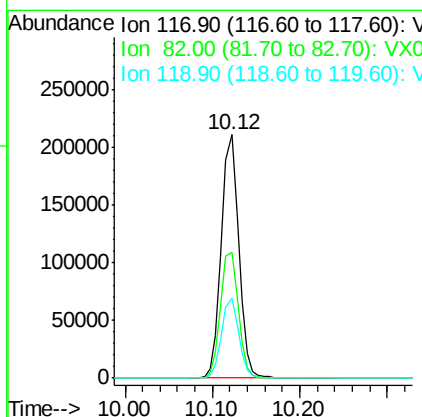
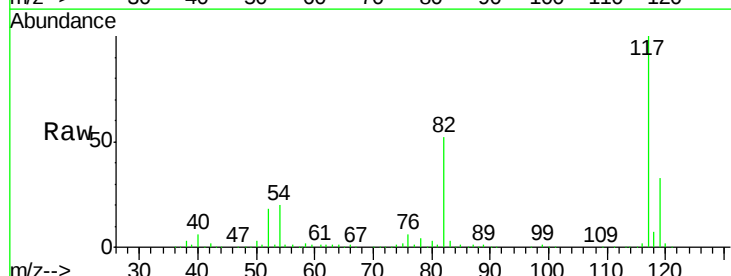
Instrument :
MSVOA_X
ClientSampleId :
SB-1

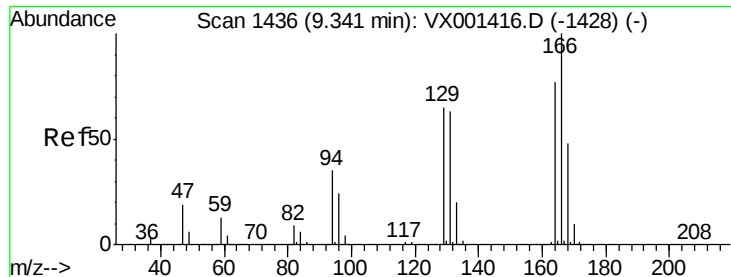
Tgt Ion: 95 Resp: 155069
Ion Ratio Lower Upper
95 100
174 100.8 0.0 202.0
176 96.9 0.0 197.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX001580.D
Acq: 10 May 2018 02:54

Tgt Ion: 117 Resp: 291630
Ion Ratio Lower Upper
117 100
82 51.7 40.0 60.0
119 32.5 25.8 38.8





#64

Tetrachloroethene

Concen: 5.98 ug/l

RT: 9.34 min Scan# 1435

Delta R.T. -0.01 min

Lab File: VX001580.D

Acq: 10 May 2018 02:54

Instrument :

MSVOA_X

ClientSampleId :

SB-1

Tgt Ion:164 Resp: 24301

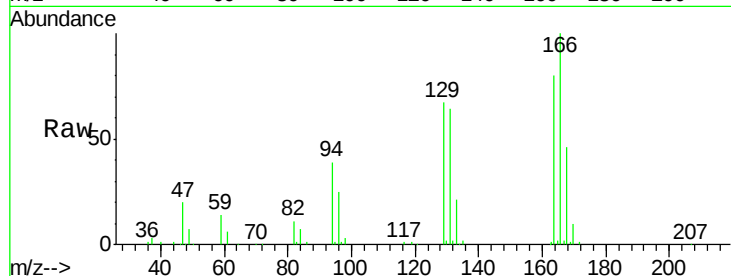
Ion Ratio Lower Upper

164 100

166 125.0 103.5 155.3

129 83.9 66.7 100.1

131 79.8 64.9 97.3

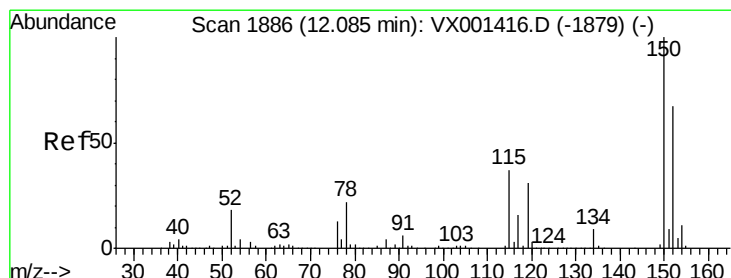
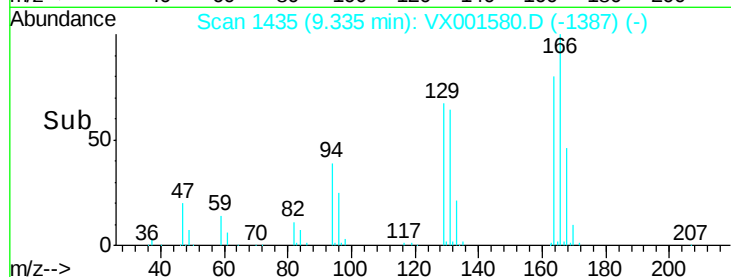
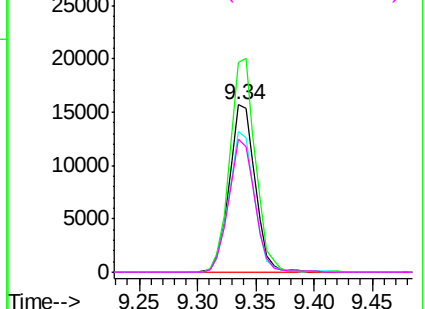


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX001580.D

Acq: 10 May 2018 02:54

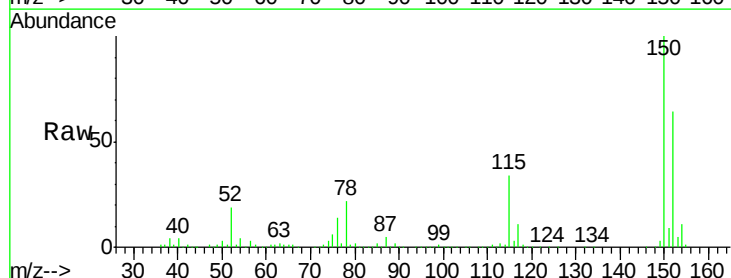
Tgt Ion:152 Resp: 169110

Ion Ratio Lower Upper

152 100

115 52.9 37.7 113.1

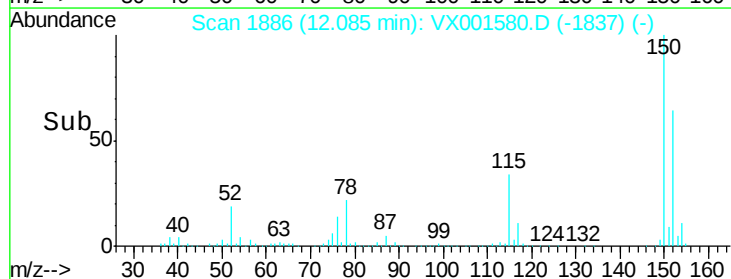
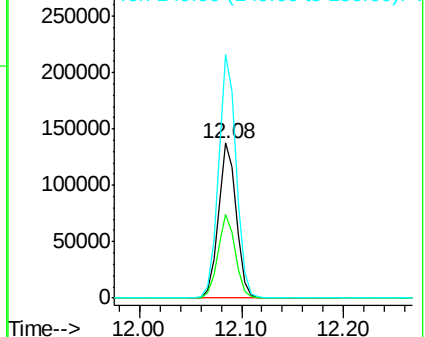
150 156.0 0.0 349.4

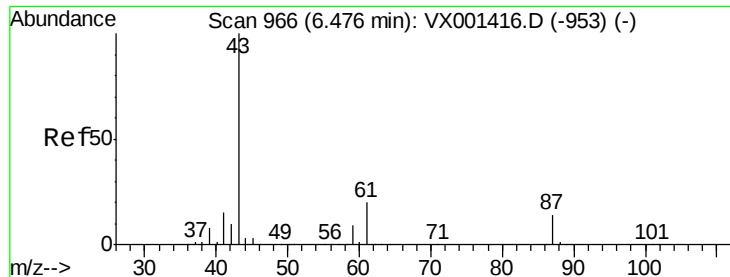


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-ethyl acetate

Concen: 0.31 ug/l

RT: 6.51 min Scan# 972

Delta R.T. 0.04 min

Lab File: VX001580.D

Acq: 10 May 2018 02:54

Instrument :

MSVOA_X

ClientSampled :

SB-1

Tgt Ion: 43 Resp: 1623

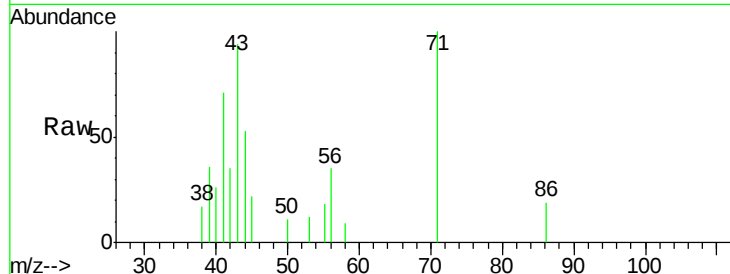
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 22.1 0.1 0.1#

61 0.0 15.4 23.0#

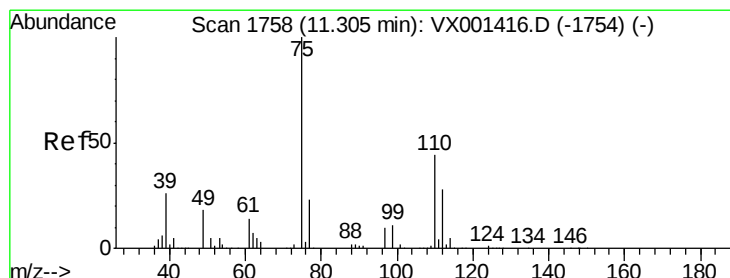
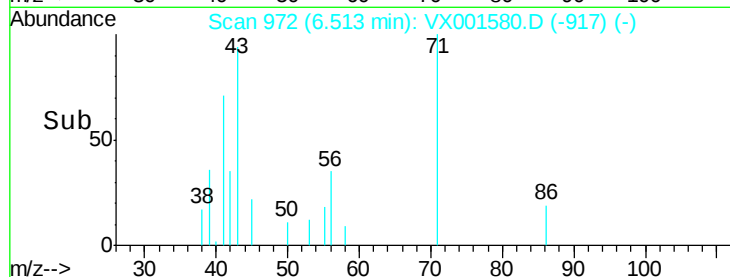
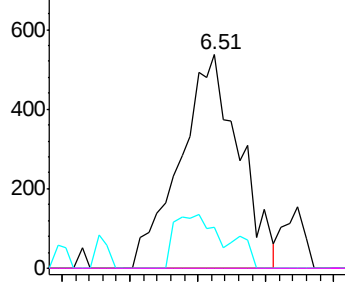


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 22.56 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.16 min

Lab File: VX001580.D

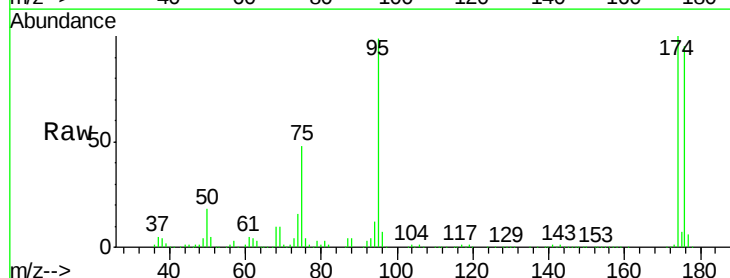
Acq: 10 May 2018 02:54

Tgt Ion: 75 Resp: 77389

Ion Ratio Lower Upper

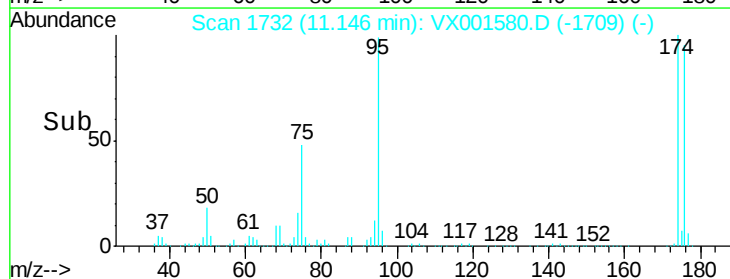
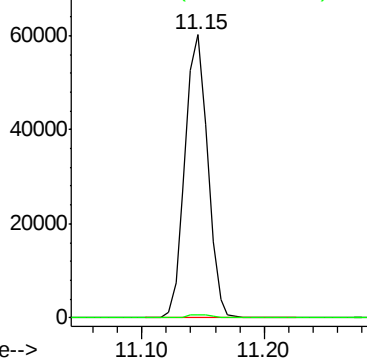
75 100

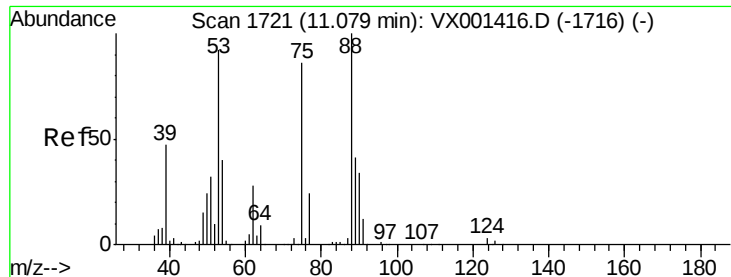
77 1.2 19.6 58.7#



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: 70.06 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.07 min

Lab File: VX001580.D

Acq: 10 May 2018 02:54

Instrument :

MSVOA_X

ClientSampleId :

SB-1

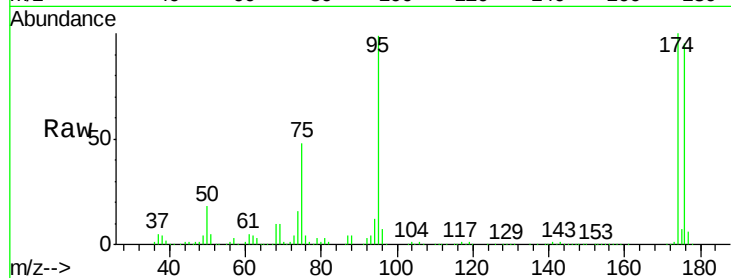
Tgt Ion: 75 Resp: 77389

Ion Ratio Lower Upper

75 100

53 0.1 84.5 126.7#

89 0.0 39.5 59.3#



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

