

Data File : VX001681.D

Acq On : 12 May 2018 22:02

Operator : JC/MD

Sample : VX0512WBL02

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0512WBL02

Quant Time: May 14 06:05:51 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	273037	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	369730	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	315584	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	165463	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	175655	44.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.52%	
35) Dibromofluoromethane	5.51	113	142514	43.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.66%	
50) Toluene-d8	8.72	98	504264	42.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.02%	
62) 4-Bromofluorobenzene	11.14	95	155756	33.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	67.60%	

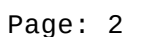
Target Compounds

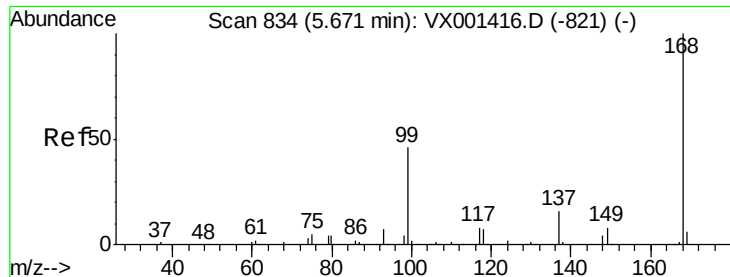
						Qvalue
5) Bromomethane	1.61	94	187	Below Cal	#	46
10) Methyl Iodide	2.52	142	2974	0.63	ug/l	94
11) Tert butyl alcohol	3.02	59	1394	1.68	ug/l	72
13) Acrolein	2.29	56	143	Below Cal	#	1
15) Acrylonitrile	3.15	53	966	0.52	ug/l	78
16) Acetone	2.45	43	861	0.48	ug/l	90
17) Carbon Disulfide	2.57	76	2310	0.30	ug/l	84
18) Methyl Acetate	2.78	43	986	0.21	ug/l	77
29) Tetrahydrofuran	5.17	42	574	0.35	ug/l	74
38) Carbon Tetrachloride	5.67	117	23470	4.68	ug/l	16
54) cis-1,3-Dichloropropene	9.04	75	311	2.32	ug/l	90
76) 1,2,3-Trichloropropane	11.14	75	75403	22.47	ug/l	38
81) trans-1,4-Dichloro-2-buten	11.14	75	75403	69.79	ug/l	7
87) 1,3-Dichlorobenzene	12.03	146	1205	0.20	ug/l	92
93) 1,2,4-Trichlorobenzene	13.65	180	1302	0.29	ug/l	95
95) Naphthalene	13.84	128	2536	0.21	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	1084	0.24	ug/l	95

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

ALS Vial : 25 Sample Multiplier: 1

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: VX001681.D

Acq: 12 May 2018 22:02

Instrument :

MSVOA_X

ClientSampleId :

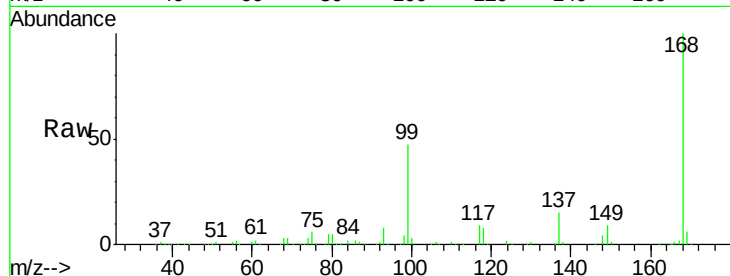
VX0512WBL02

Tgt Ion:168 Resp: 273037

Ion Ratio Lower Upper

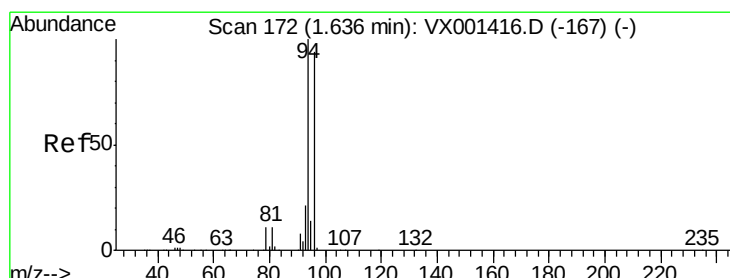
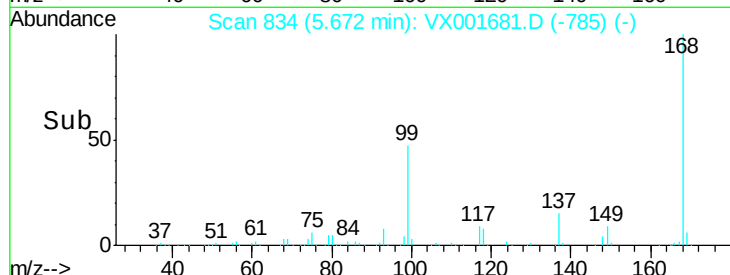
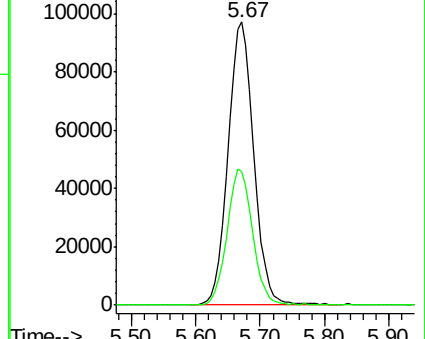
168 100

99 47.3 36.6 54.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: Below Cal

RT: 1.61 min Scan# 168

Delta R.T. -0.02 min

Lab File: VX001681.D

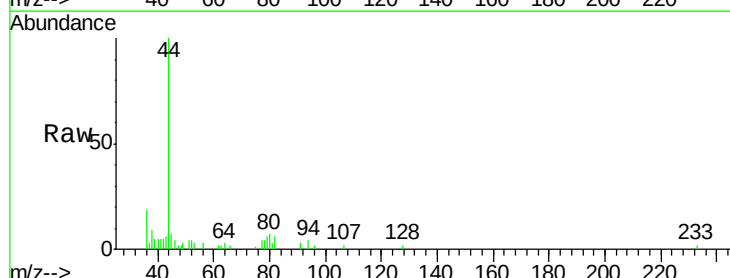
Acq: 12 May 2018 22:02

Tgt Ion: 94 Resp: 187

Ion Ratio Lower Upper

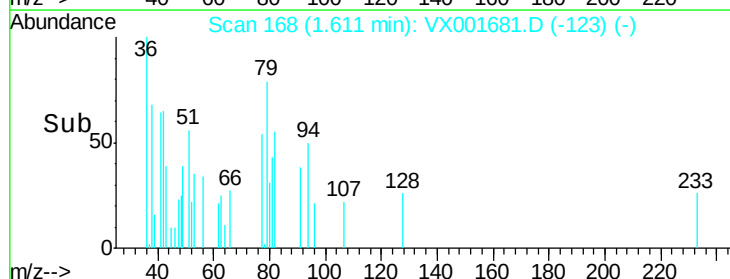
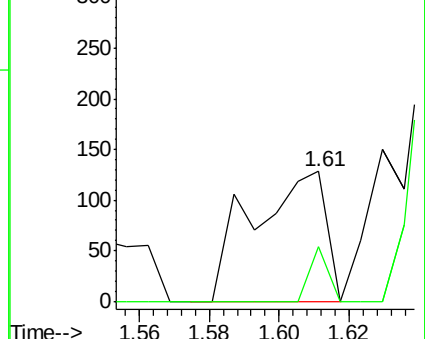
94 100

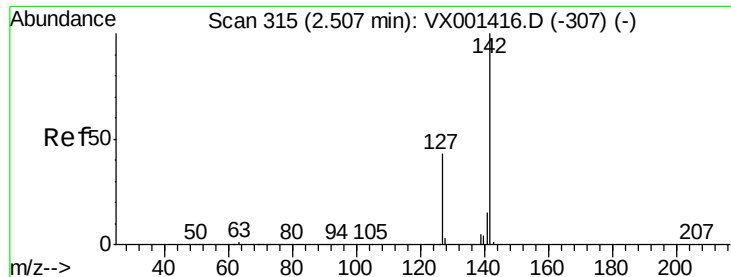
96 42.2 75.0 112.6#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

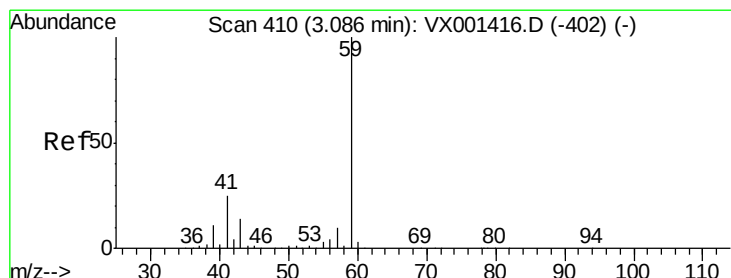
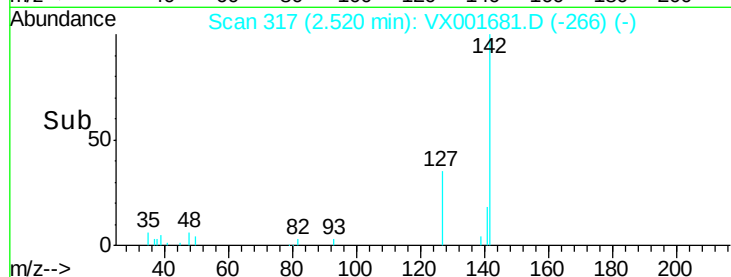
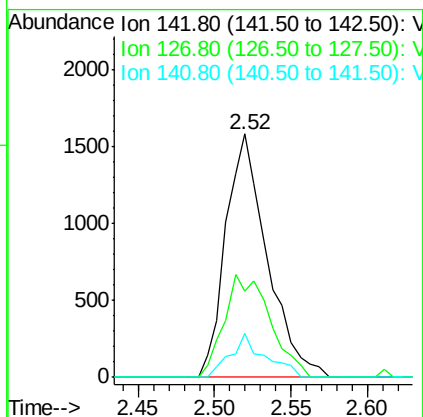
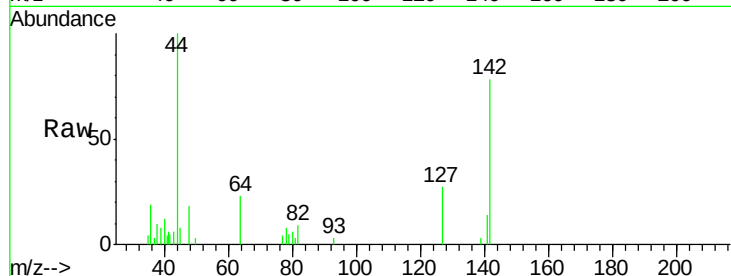




#10
Methyl Iodide
Concen: 0.63 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX001681.D
Acq: 12 May 2018 22:02

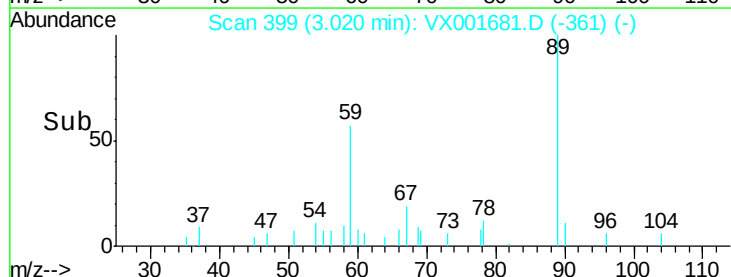
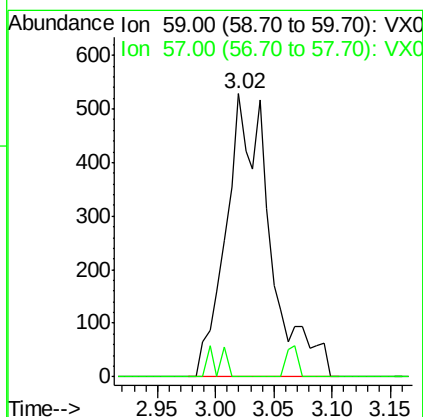
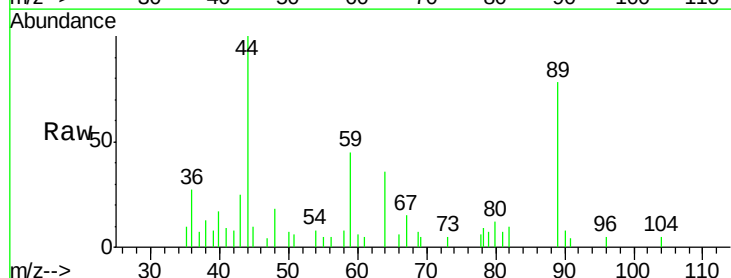
Instrument :
MSVOA_X
ClientSampleId :
VX0512WBL02

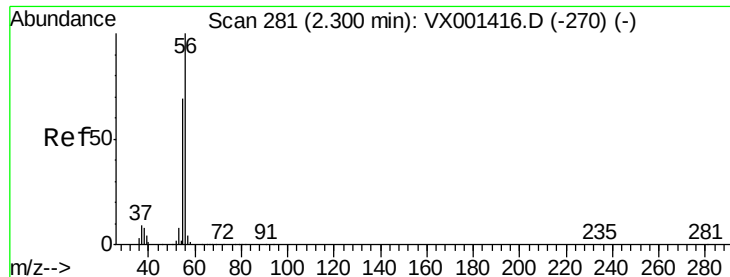
Tgt Ion:142 Resp: 2974
Ion Ratio Lower Upper
142 100
127 46.6 33.6 50.4
141 15.0 11.4 17.2



#11
Tert butyl alcohol
Concen: 1.68 ug/l
RT: 3.02 min Scan# 399
Delta R.T. -0.07 min
Lab File: VX001681.D
Acq: 12 May 2018 22:02

Tgt Ion: 59 Resp: 1394
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#





#13

Acrolein

Concen: Below Cal

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX001681.D

Acq: 12 May 2018 22:02

Instrument :

MSVOA_X

ClientSampled :

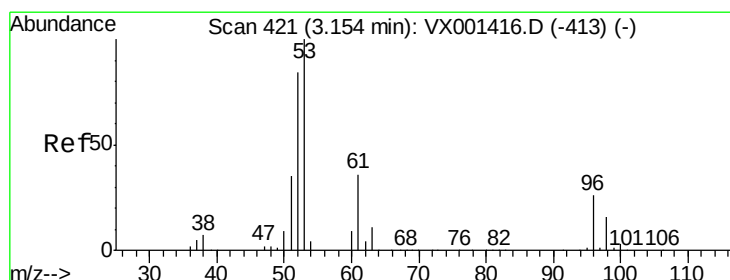
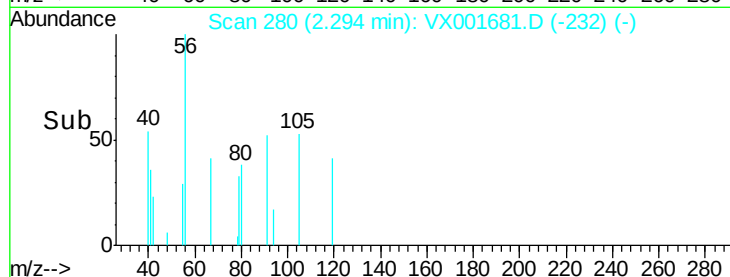
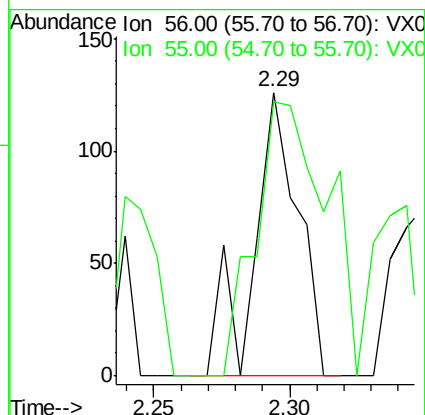
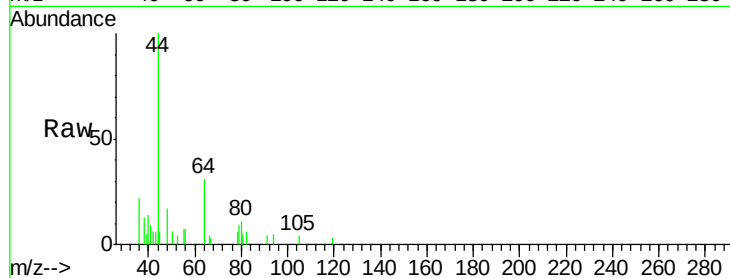
VX0512WBL02

Tgt Ion: 56 Resp: 143

Ion Ratio Lower Upper

56 100

55 154.5 54.5 81.7#



#15

Acrylonitrile

Concen: 0.52 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX001681.D

Acq: 12 May 2018 22:02

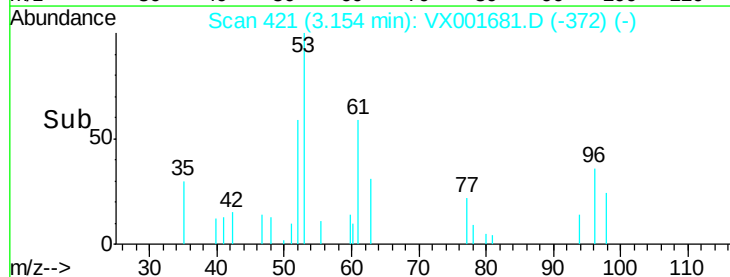
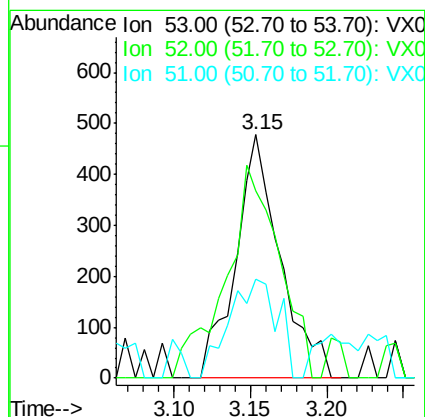
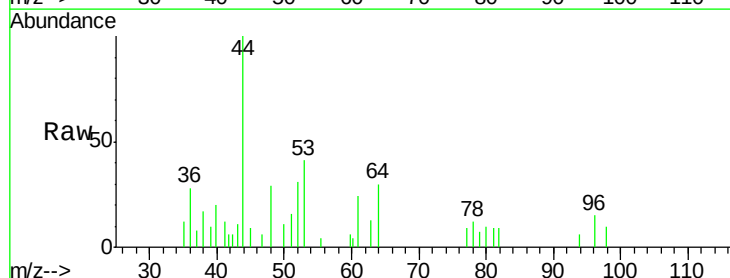
Tgt Ion: 53 Resp: 966

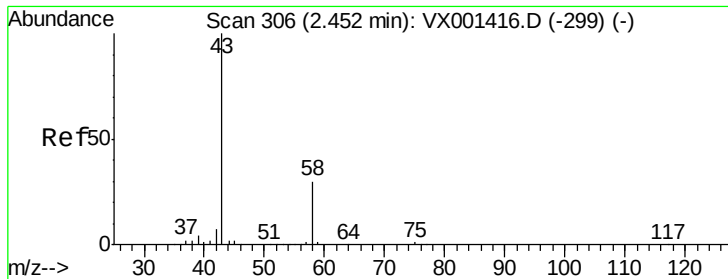
Ion Ratio Lower Upper

53 100

52 105.7 66.2 99.2#

51 44.5 28.6 43.0#





#16

Acetone

Concen: 0.48 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX001681.D

Acq: 12 May 2018 22:02

Instrument :

MSVOA_X

ClientSampled :

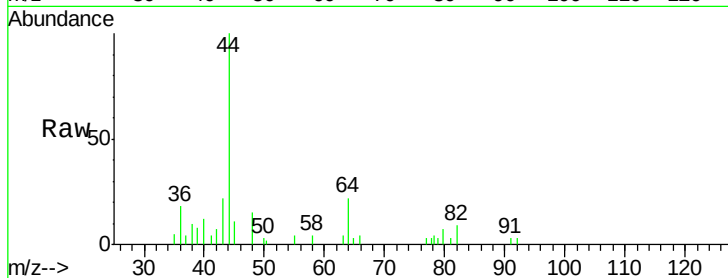
VX0512WBL02

Tgt Ion: 43 Resp: 861

Ion Ratio Lower Upper

43 100

58 24.4 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

400

300

200

100

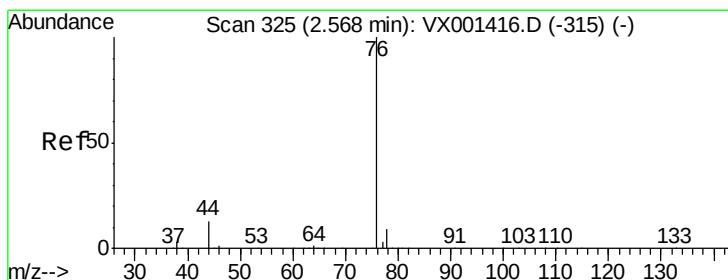
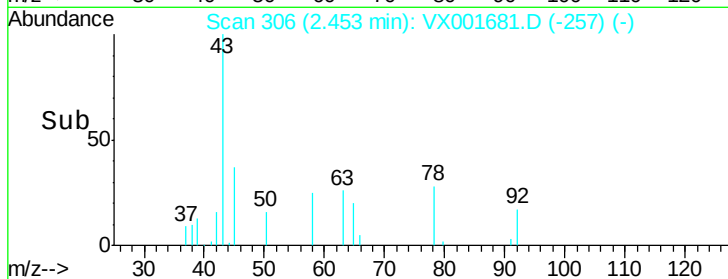
0

2.40

2.45

2.50

Time-->



#17

Carbon Disulfide

Concen: 0.30 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.01 min

Lab File: VX001681.D

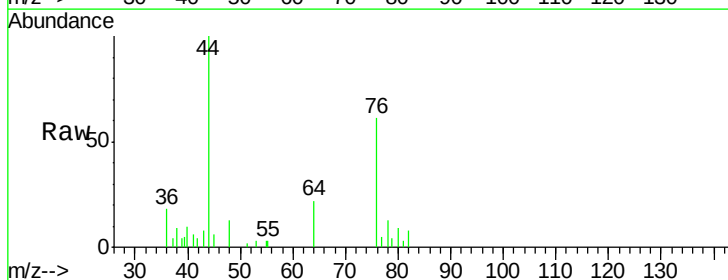
Acq: 12 May 2018 22:02

Tgt Ion: 76 Resp: 2310

Ion Ratio Lower Upper

76 100

78 15.0 7.4 11.2#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

1500

1000

500

0

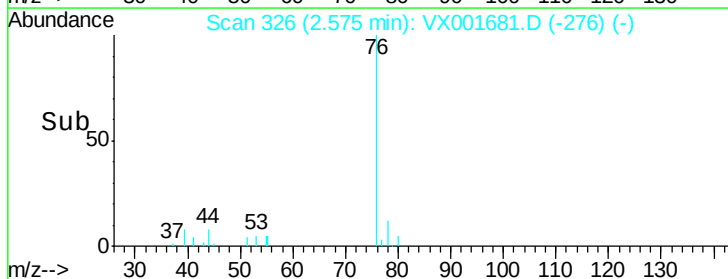
2.50

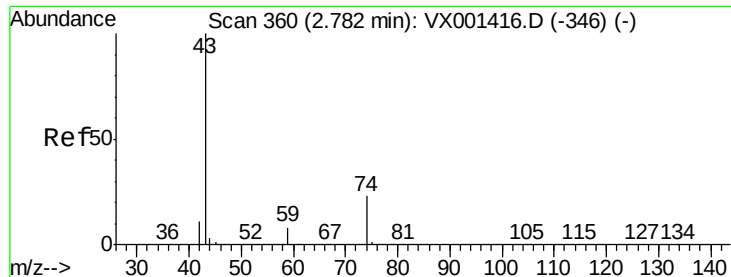
2.55

2.60

2.65

Time-->

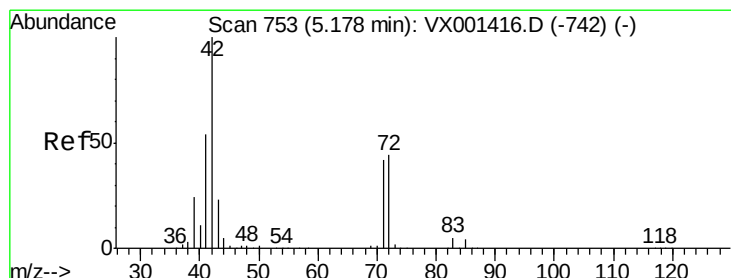
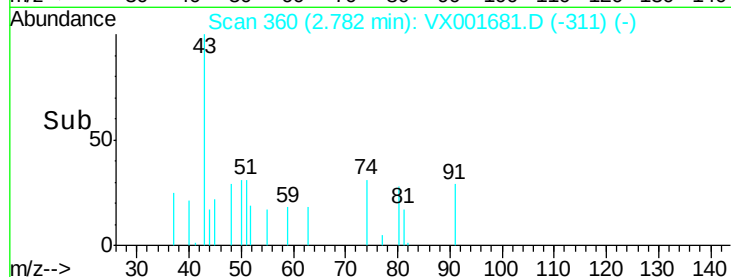
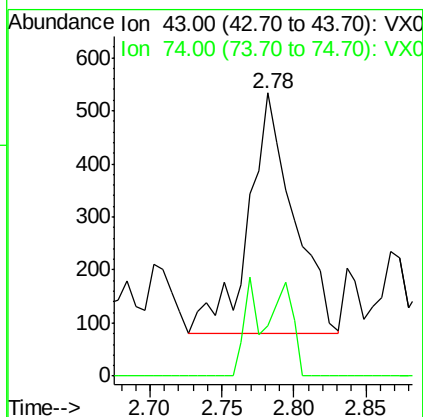
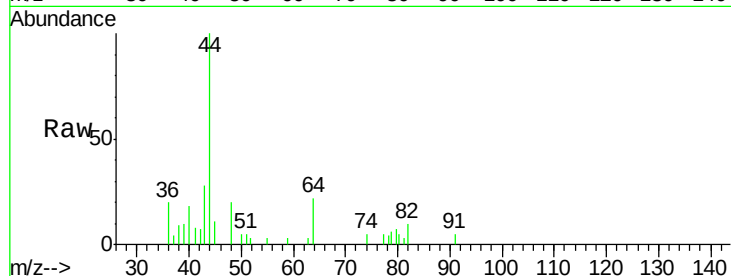




#18
Methyl Acetate
Concen: 0.21 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX001681.D
Acq: 12 May 2018 22:02

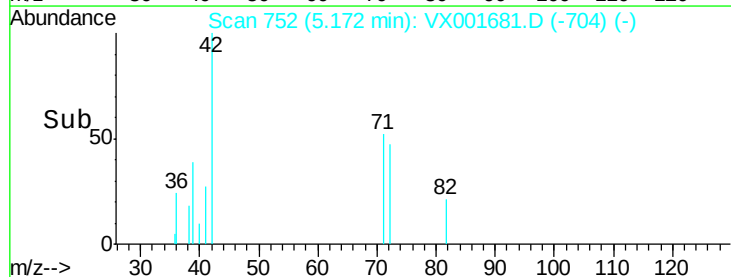
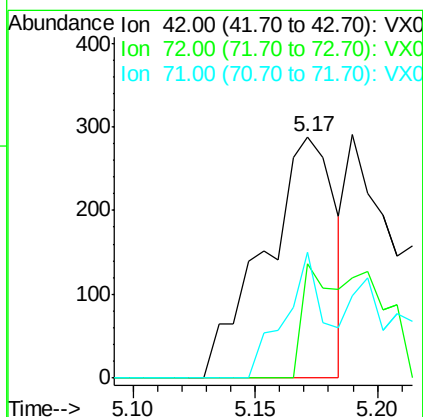
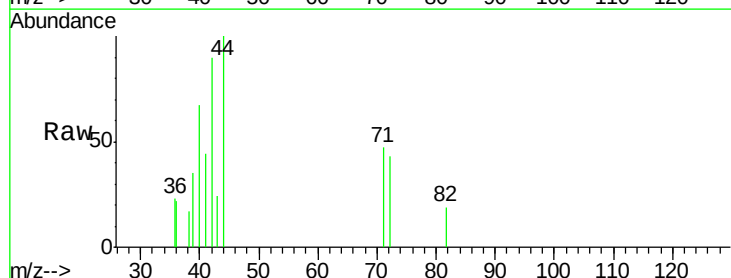
Instrument :
MSVOA_X
ClientSampled :
VX0512WBL02

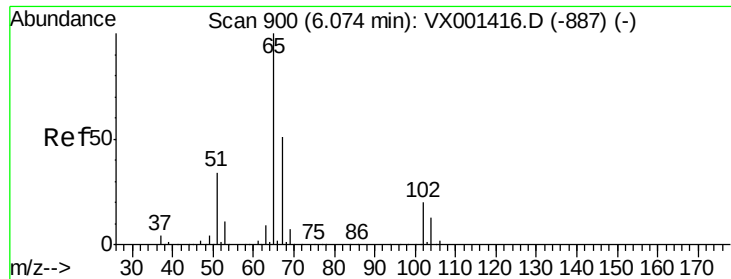
Tgt Ion: 43 Resp: 986
Ion Ratio Lower Upper
43 100
74 12.2 18.6 27.8#



#29
Tetrahydrofuran
Concen: 0.35 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.01 min
Lab File: VX001681.D
Acq: 12 May 2018 22:02

Tgt Ion: 42 Resp: 574
Ion Ratio Lower Upper
42 100
72 22.3 35.4 53.2#
71 30.0 33.0 49.4#

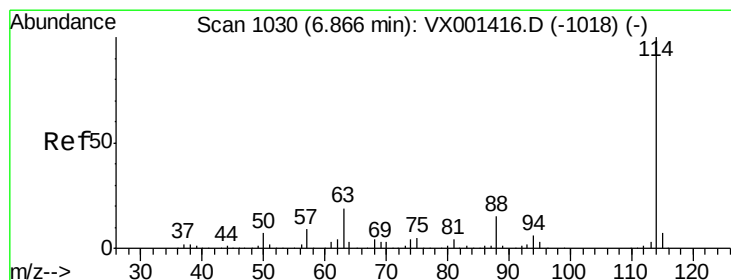
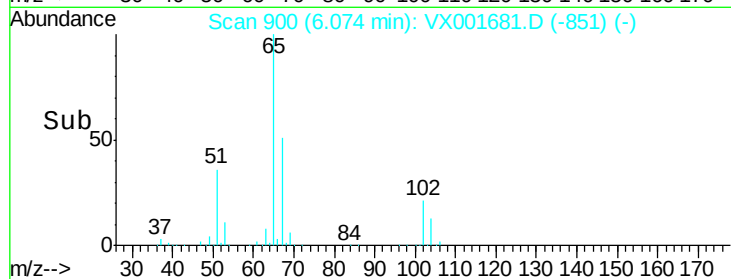
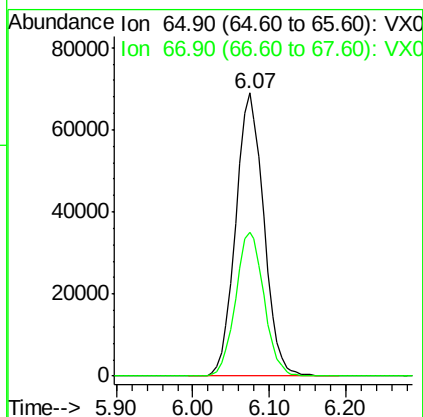
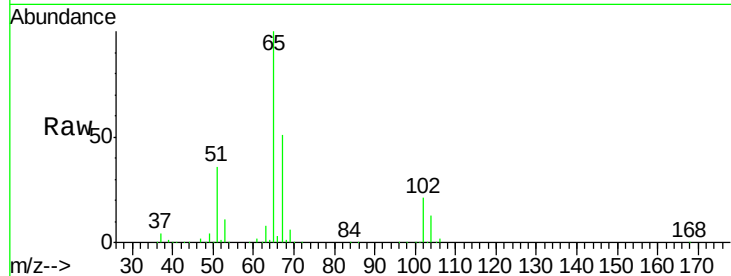




#33
 1,2-Dichloroethane-d4
 Concen: 44.76 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001681.D
 Acq: 12 May 2018 22:02

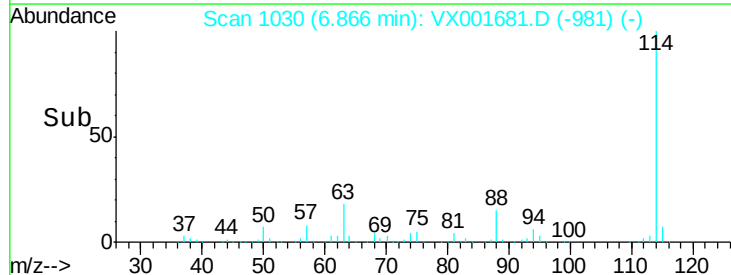
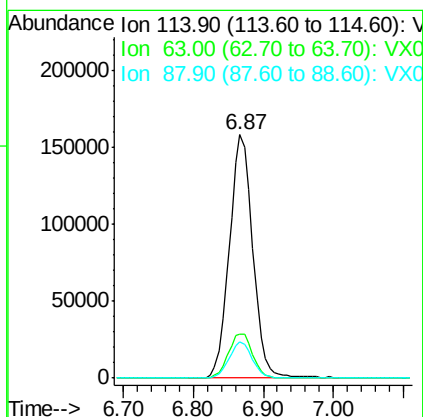
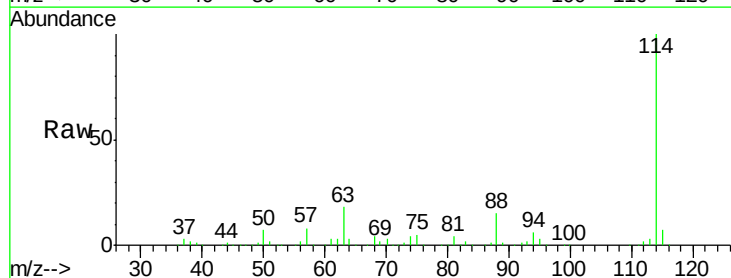
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0512WBL02

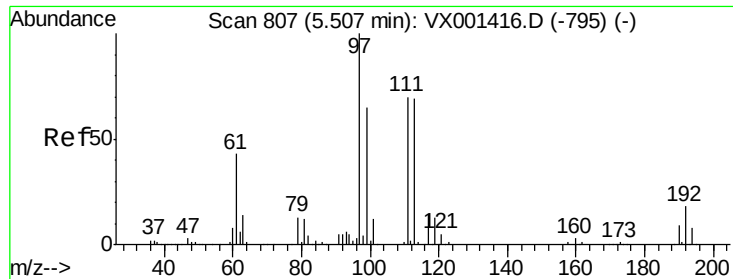
Tgt Ion: 65 Resp: 175655
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001681.D
 Acq: 12 May 2018 22:02

Tgt Ion: 114 Resp: 369730
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 38.6
 88 14.7 0.0 30.8

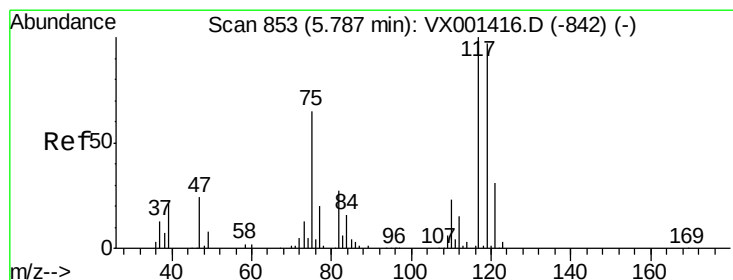
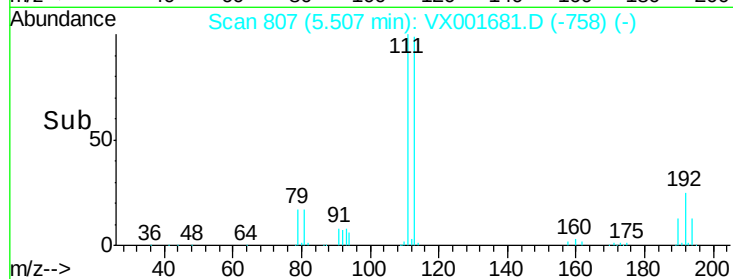
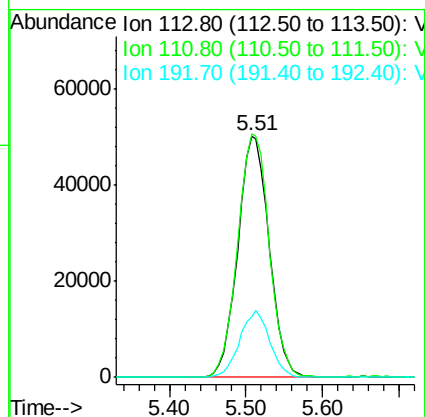
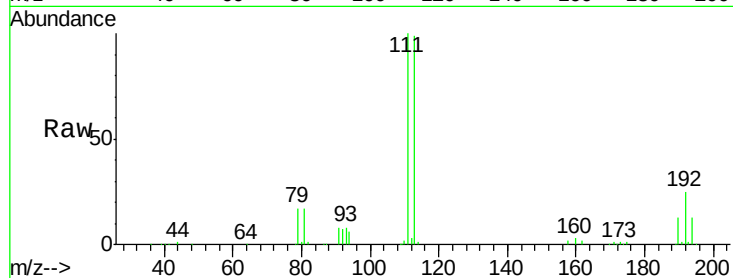




#35
 Dibromofluoromethane
 Concen: 43.33 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX001681.D
 Acq: 12 May 2018 22:02

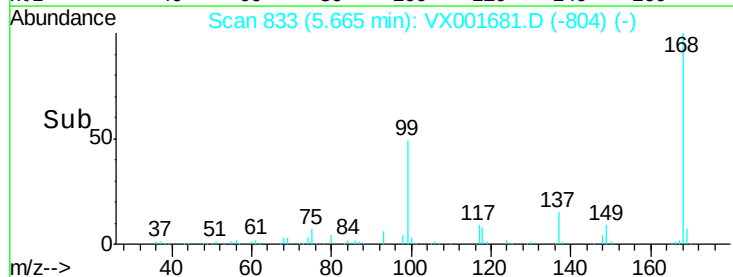
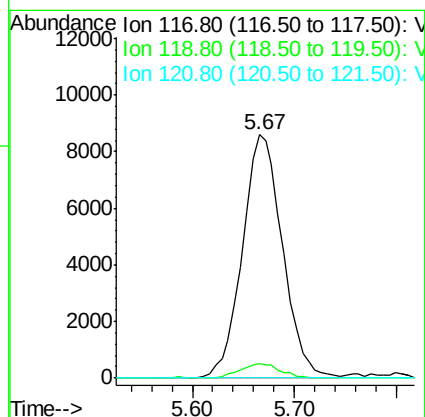
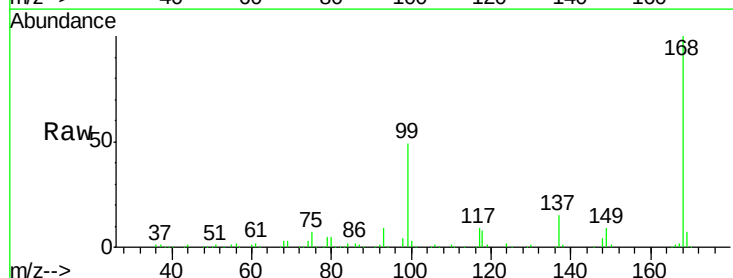
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0512WBL02

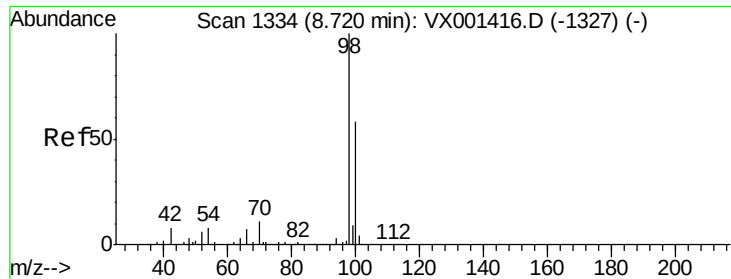
Tgt Ion:113 Resp: 142514
 Ion Ratio Lower Upper
 113 100
 111 101.8 82.2 123.2
 192 26.5 21.4 32.0



#38
 Carbon Tetrachloride
 Concen: 4.68 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.12 min
 Lab File: VX001681.D
 Acq: 12 May 2018 22:02

Tgt Ion:117 Resp: 23470
 Ion Ratio Lower Upper
 117 100
 119 5.8 77.0 115.6#
 121 0.0 25.1 37.7#





#50

Toluene-d8

Concen: 42.01 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001681.D

Acq: 12 May 2018 22:02

Instrument :

MSVOA_X

ClientSampleId :

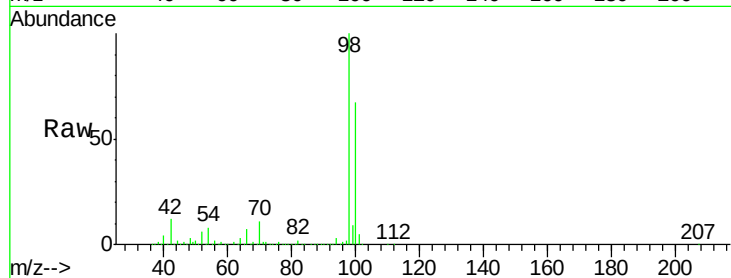
VX0512WBL02

Tgt Ion: 98 Resp: 504264

Ion Ratio Lower Upper

98 100

100 66.3 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.72

300000

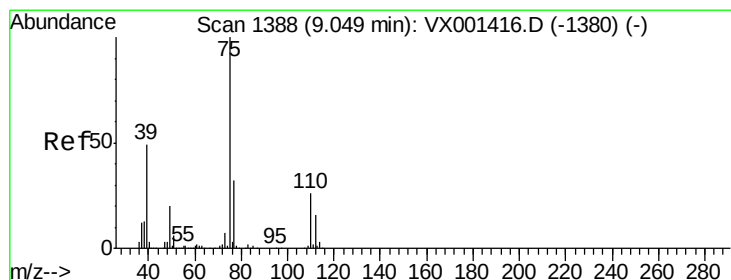
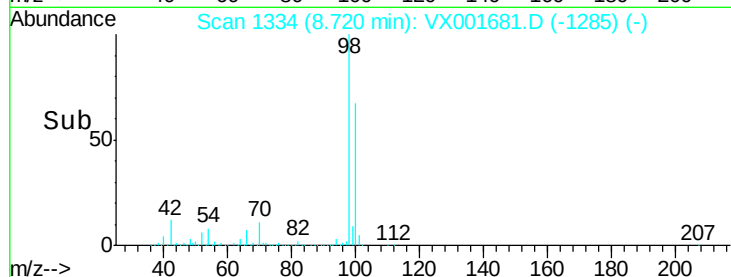
200000

100000

0

Time-->

8.60 8.70 8.80 8.90



#54

cis-1,3-Dichloropropene

Concen: 2.32 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.01 min

Lab File: VX001681.D

Acq: 12 May 2018 22:02

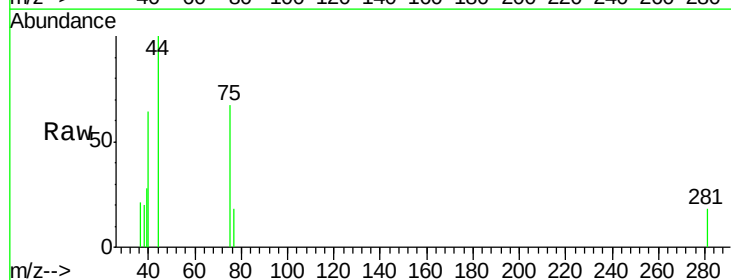
Tgt Ion: 75 Resp: 311

Ion Ratio Lower Upper

75 100

77 26.7 25.5 38.3

39 41.7 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

9.04

250

200

150

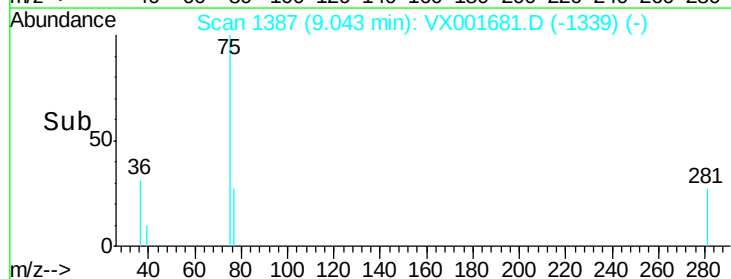
100

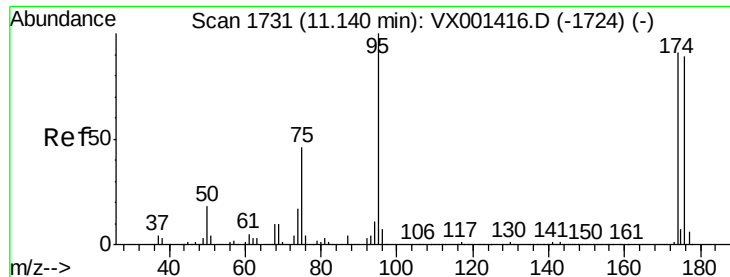
50

0

Time-->

9.00 9.05

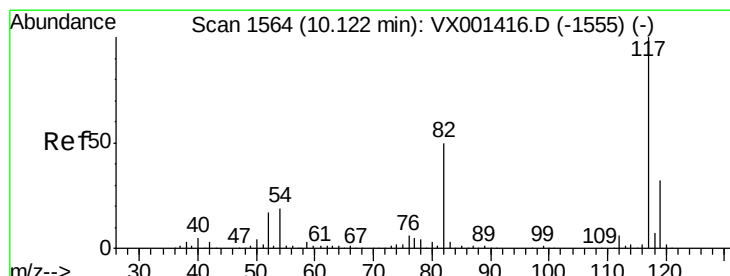
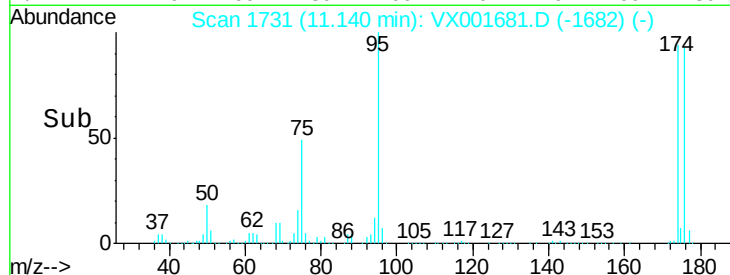
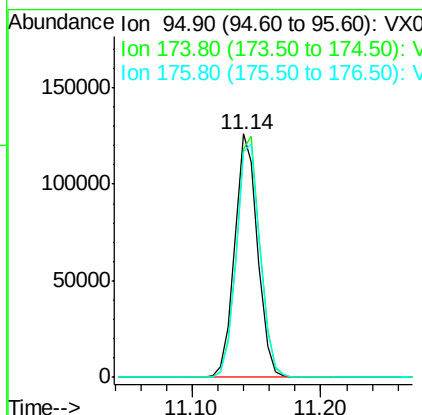
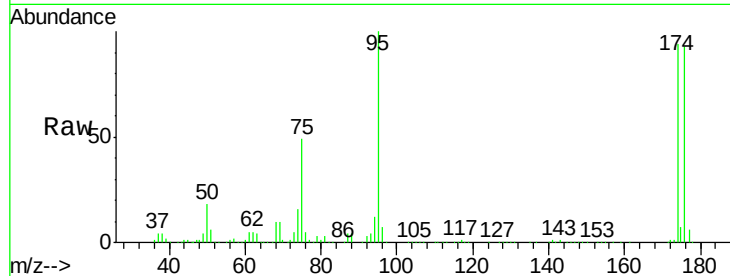




#62
4-Bromofluorobenzene
Concen: 33.80 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001681.D
Acq: 12 May 2018 22:02

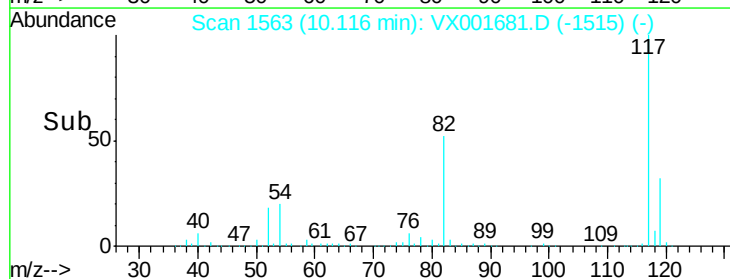
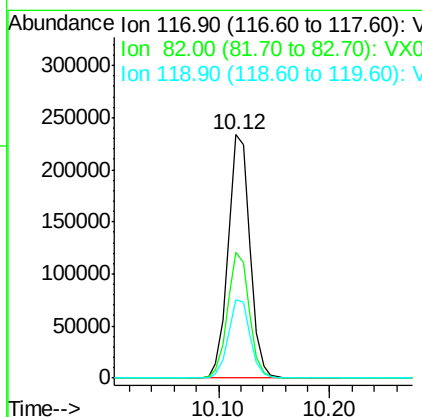
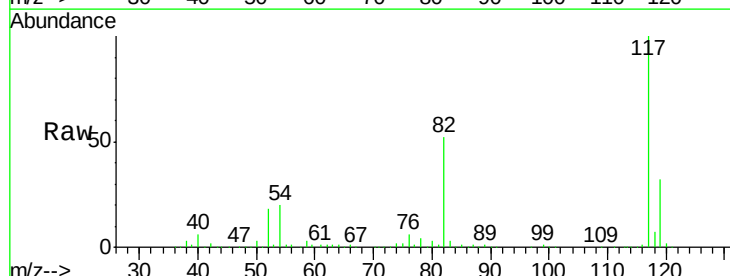
Instrument :
MSVOA_X
ClientSampleId :
VX0512WBL02

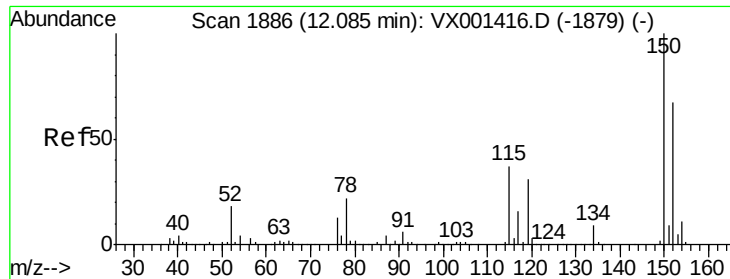
Tgt Ion: 95 Resp: 155756
Ion Ratio Lower Upper
95 100
174 101.6 0.0 202.0
176 99.2 0.0 197.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001681.D
Acq: 12 May 2018 22:02

Tgt Ion: 117 Resp: 315584
Ion Ratio Lower Upper
117 100
82 51.8 40.0 60.0
119 32.2 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001681.D

Acq: 12 May 2018 22:02

Instrument :

MSVOA_X

ClientSampleId :

VX0512WBL02

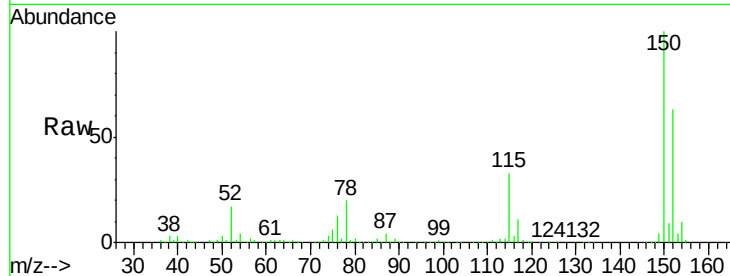
Tgt Ion:152 Resp: 165463

Ion Ratio Lower Upper

152 100

115 52.3 37.7 113.1

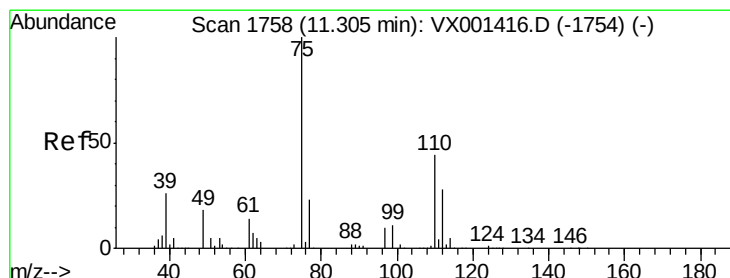
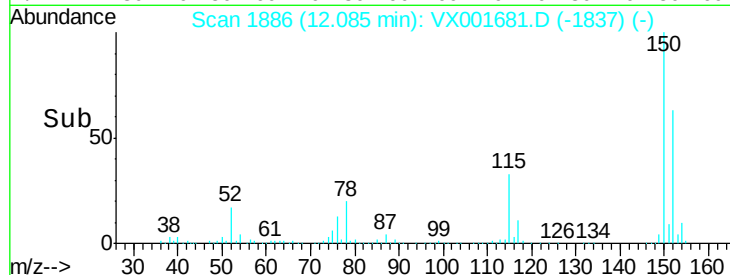
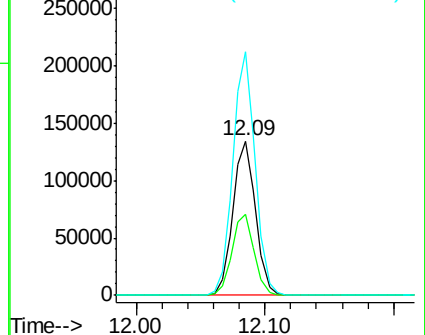
150 155.9 0.0 349.4



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



#76

1,2,3-Trichloropropane

Concen: 22.47 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX001681.D

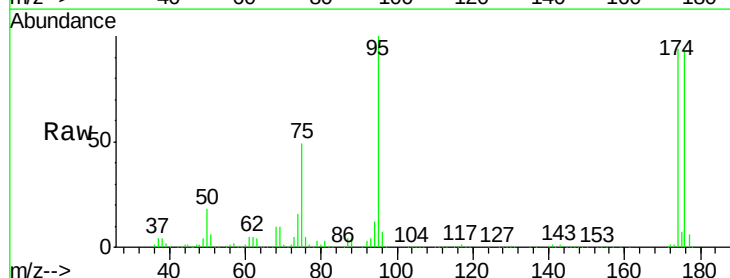
Acq: 12 May 2018 22:02

Tgt Ion: 75 Resp: 75403

Ion Ratio Lower Upper

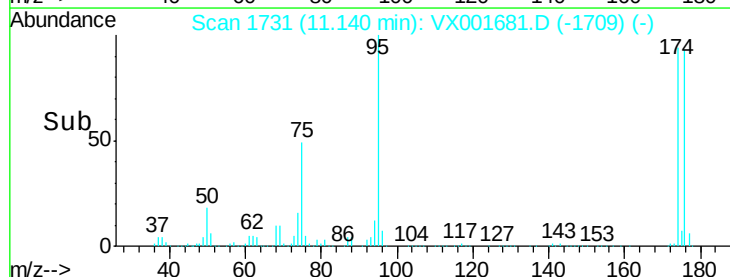
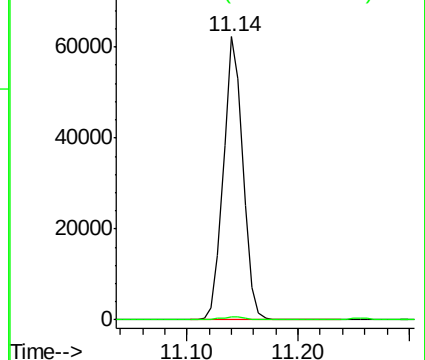
75 100

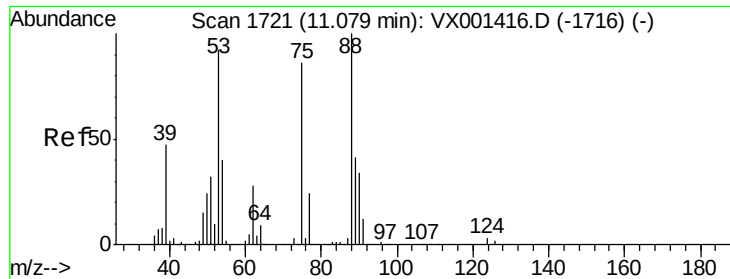
77 1.4 19.6 58.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

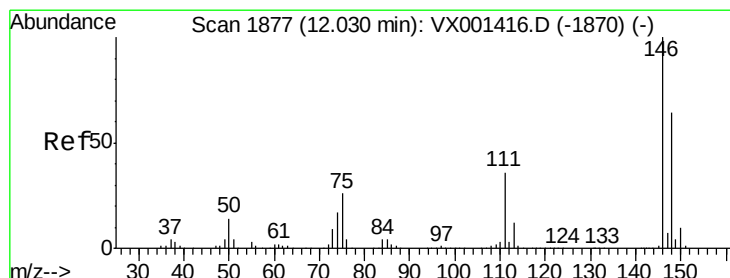
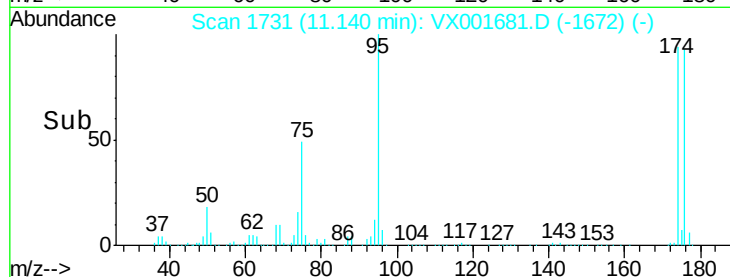
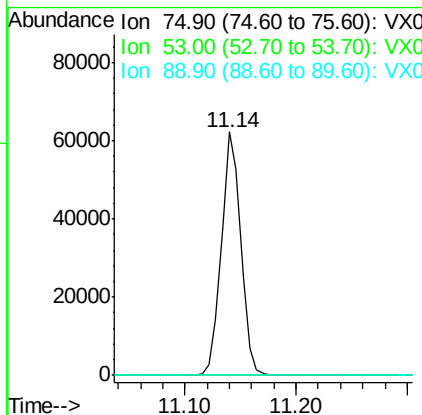
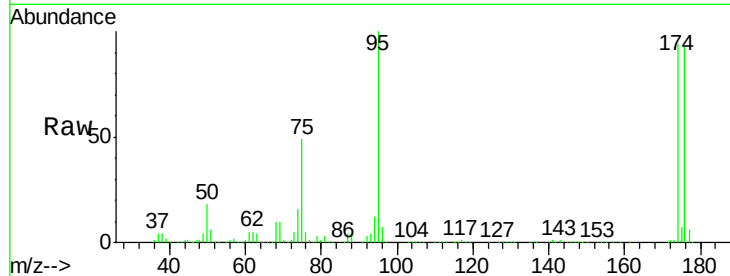




#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.79 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX001681.D
 Acq: 12 May 2018 22:02

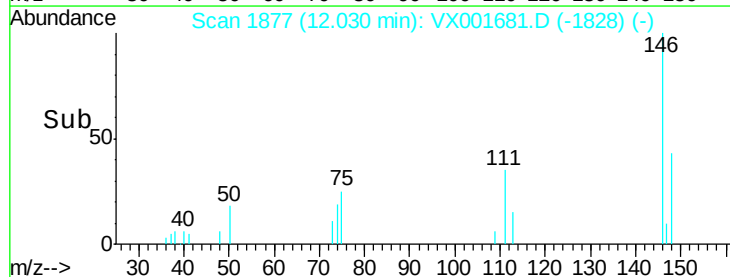
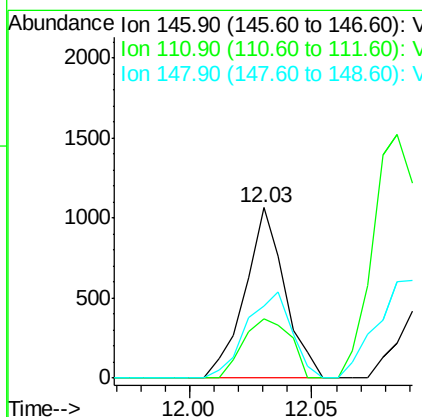
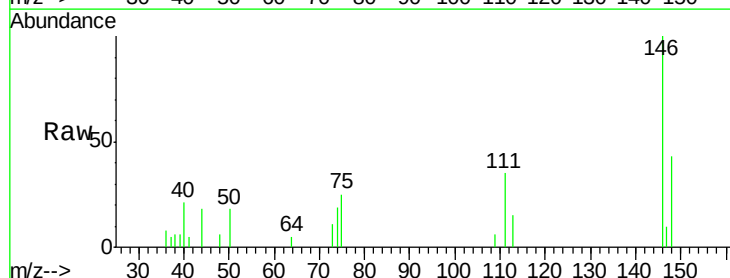
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0512WBL02

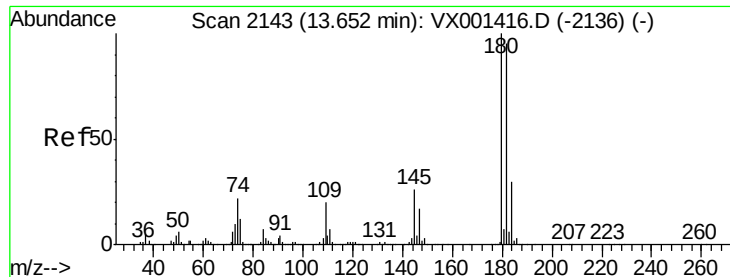
Tgt Ion: 75 Resp: 75403
 Ion Ratio Lower Upper
 75 100
 53 0.2 84.5 126.7#
 89 0.0 39.5 59.3#



#87
 1,3-Dichlorobenzene
 Concen: 0.20 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX001681.D
 Acq: 12 May 2018 22:02

Tgt Ion: 146 Resp: 1205
 Ion Ratio Lower Upper
 146 100
 111 41.1 18.1 54.1
 148 57.8 32.1 96.5

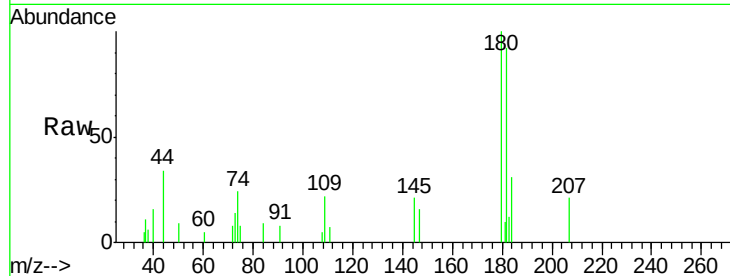




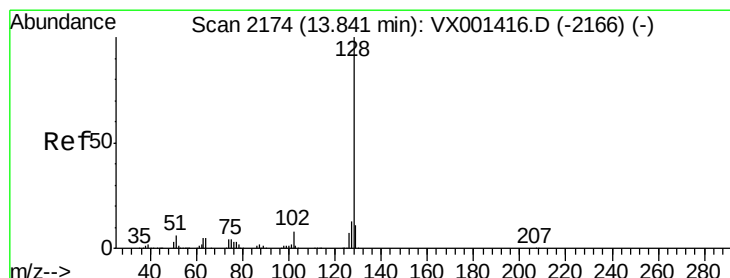
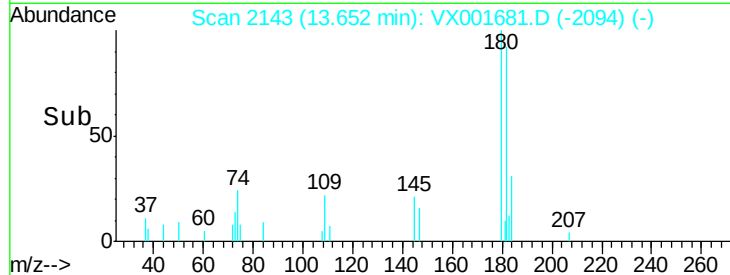
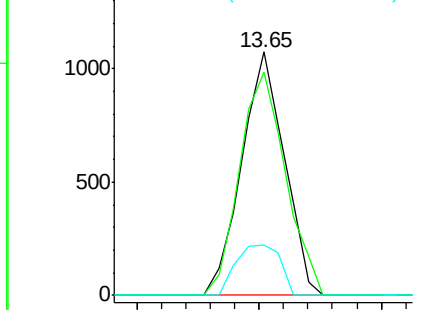
#93
 1,2,4-Trichlorobenzene
 Concen: 0.29 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001681.D
 Acq: 12 May 2018 22:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0512WBL02

Tgt Ion:180 Resp: 1302
 Ion Ratio Lower Upper
 180 100
 182 98.8 47.8 143.4
 145 21.4 13.3 39.9

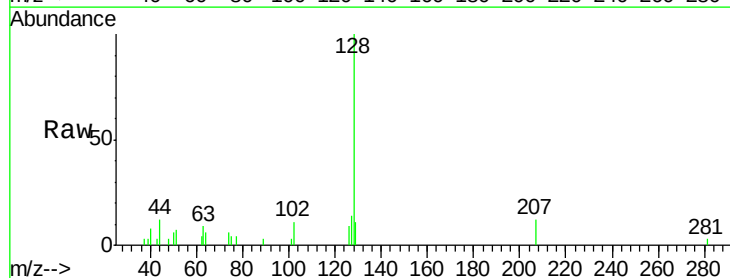


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

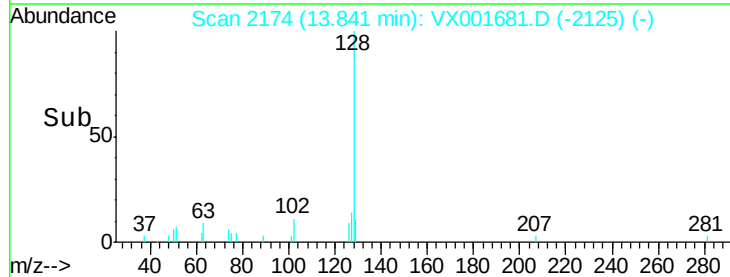
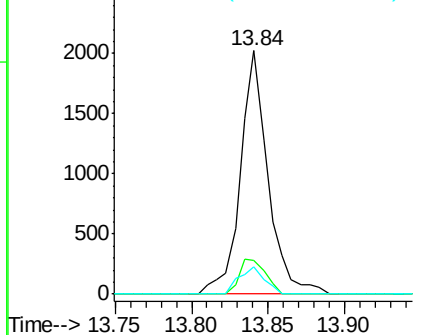


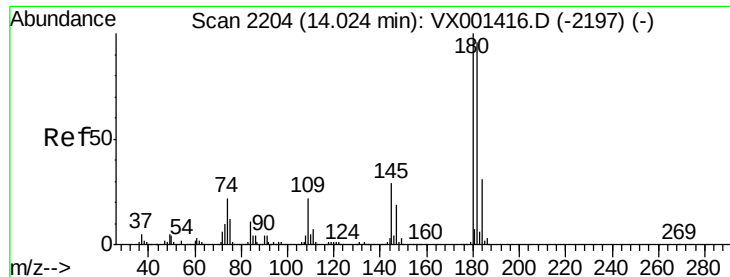
#95
 Naphthalene
 Concen: 0.21 ug/l
 RT: 13.84 min Scan# 2174
 Delta R.T. 0.00 min
 Lab File: VX001681.D
 Acq: 12 May 2018 22:02

Tgt Ion:128 Resp: 2536
 Ion Ratio Lower Upper
 128 100
 127 13.5 10.4 15.6
 129 10.3 8.7 13.1



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





#96
 1,2,3-Trichlorobenzene
 Concen: 0.24 ug/l
 RT: 14.02 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: VX001681.D
 Acq: 12 May 2018 22:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0512WBL02

Tgt Ion:180 Resp: 1084
 Ion Ratio Lower Upper
 180 100
 182 102.2 48.0 144.2
 145 29.5 14.1 42.4

