

Data File : VX001365.D
Acq On : 03 May 2018 17:56
Operator : JC/MD
Sample : J2710-03 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
1020

Quant Time: May 04 07:14:52 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050118W.M
Quant Title : SW846 8260
QLast Update : Wed May 02 01:48:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	151882	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	214967	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	193473	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	95903	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	80369	38.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.46%	
35) Dibromofluoromethane	5.51	113	66621	35.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	71.94%	
50) Toluene-d8	8.72	98	248976	37.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.26%	
62) 4-Bromofluorobenzene	11.15	95	81788	30.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	61.82%	

Target Compounds				Qvalue		
5) Bromomethane	1.65	94	525	Below Cal		87
10) Methyl Iodide	2.53	142	625	4.64	ug/l	96
11) Tert butyl alcohol	3.08	59	226	0.62	ug/l #	63
13) Acrolein	2.29	56	98	0.47	ug/l #	1
16) Acetone	2.45	43	3351	3.73	ug/l	100
18) Methyl Acetate	2.79	43	3415	1.61	ug/l #	90
20) Methylene Chloride	2.86	84	6899	2.76	ug/l	99
25) 2-Butanone	4.74	43	717	0.59	ug/l	92
29) Tetrahydrofuran	5.20	42	492	0.66	ug/l #	69
30) Chloroform	5.22	83	883	0.29	ug/l	87
31) Cyclohexane	5.67	56	2643	1.02	ug/l #	10
36) 1,1-Dichloropropene	5.67	75	9374	3.78	ug/l #	50
38) Carbon Tetrachloride	5.68	117	12537	4.82	ug/l #	19
76) 1,2,3-Trichloropropane	11.14	75	41269	23.27	ug/l #	40
81) trans-1,4-Dichloro-2-buten	11.14	75	41269	73.50	ug/l #	6
95) Naphthalene	13.84	128	41995	5.98	ug/l	99

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

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ClientSampleId :
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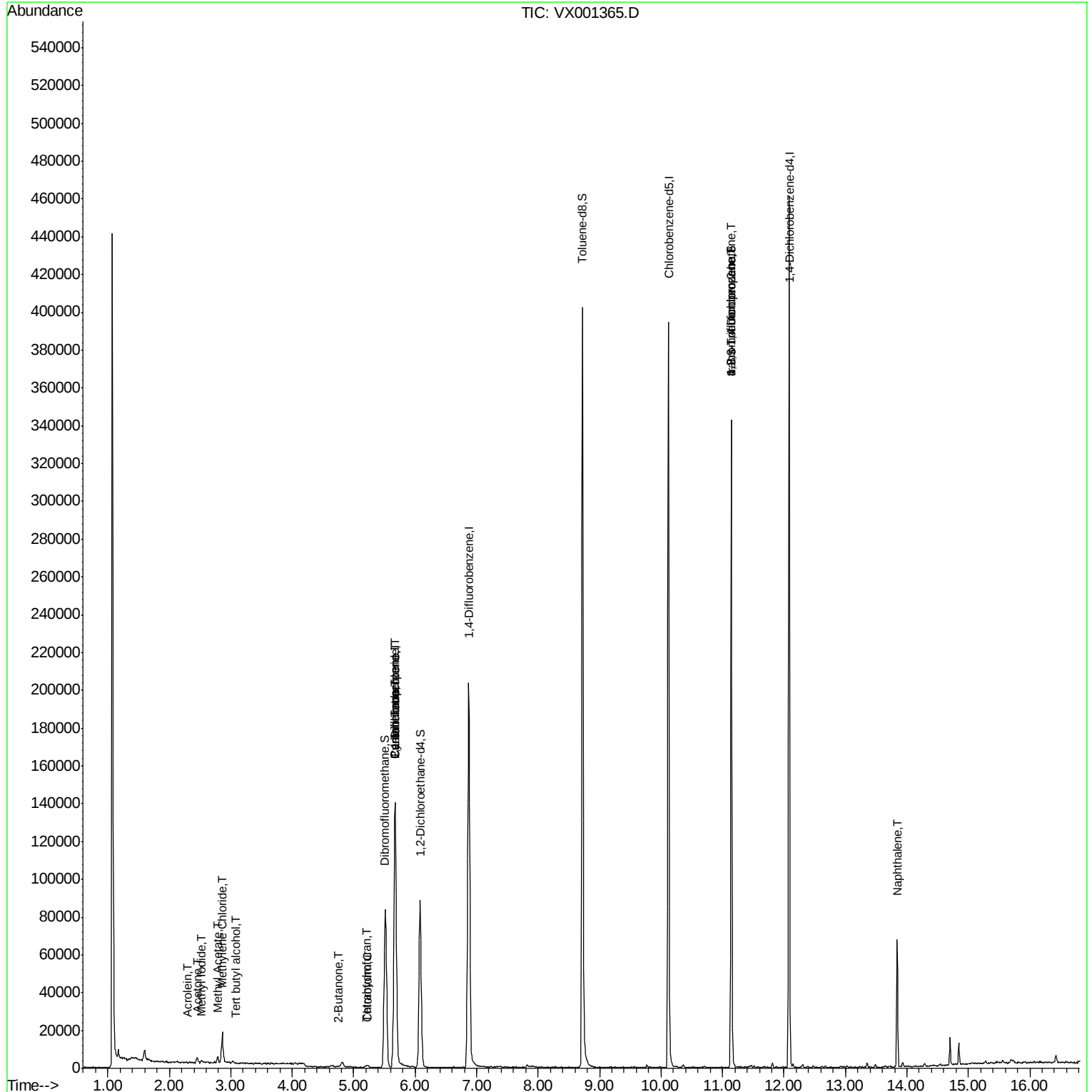
Quant Time: May 04 07:14:52 2018

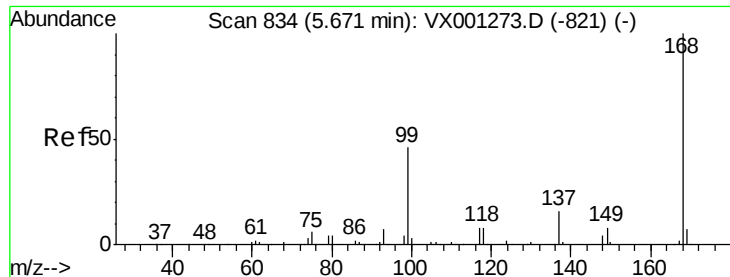
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050118W.M

Quant Title : SW846 8260

QLast Update : Wed May 02 01:48:25 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: VX001365.D

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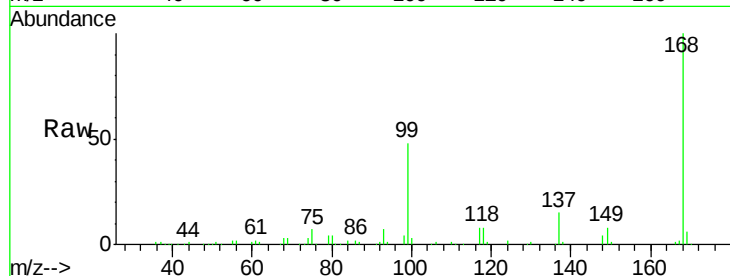
Instrument :
MSVOA_X
ClientSampleId :
1020

Tgt Ion: 168 Resp: 151882

Ion Ratio Lower Upper

168 100

99 48.3 36.5 54.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

60000

50000

40000

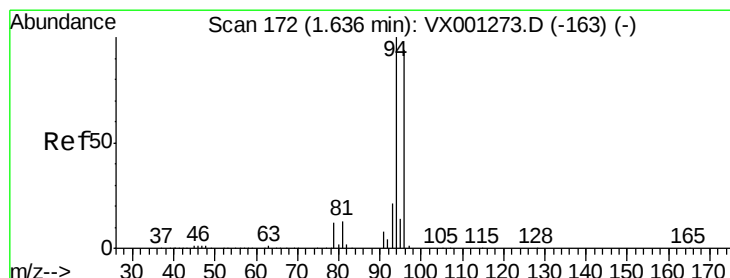
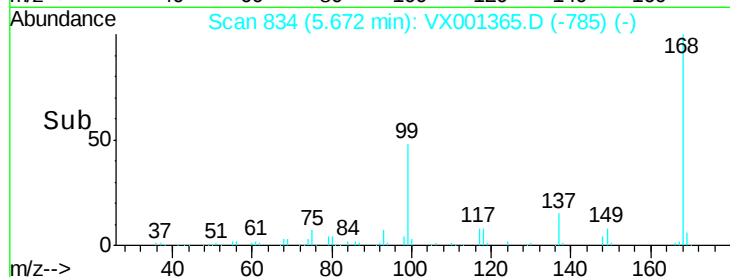
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX001365.D

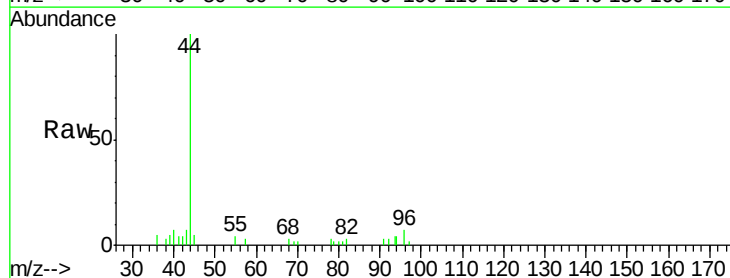
Acq: 03 May 2018 17:56

Tgt Ion: 94 Resp: 525

Ion Ratio Lower Upper

94 100

96 82.0 75.6 113.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

300

250

200

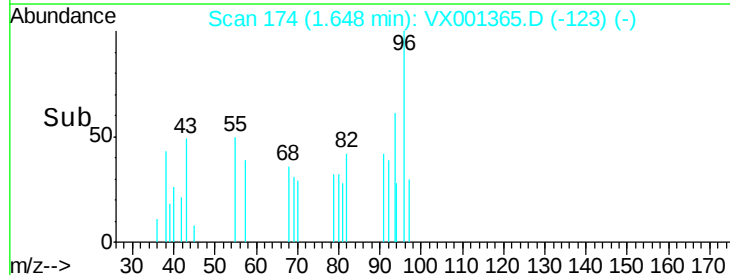
150

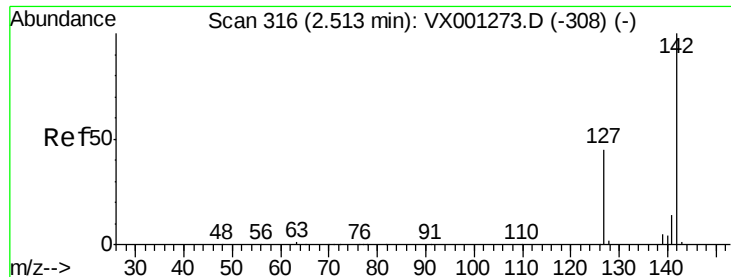
100

50

0

Time--> 1.60 1.65 1.70

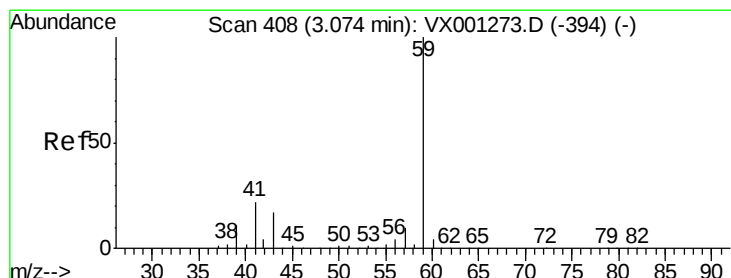
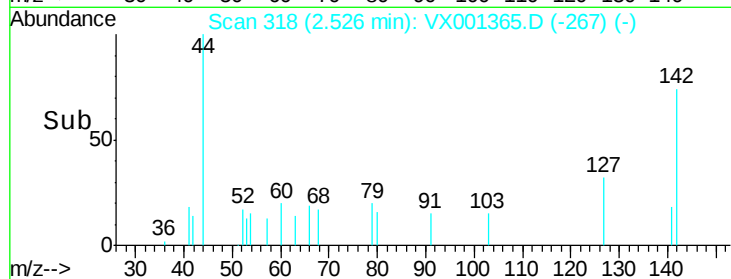
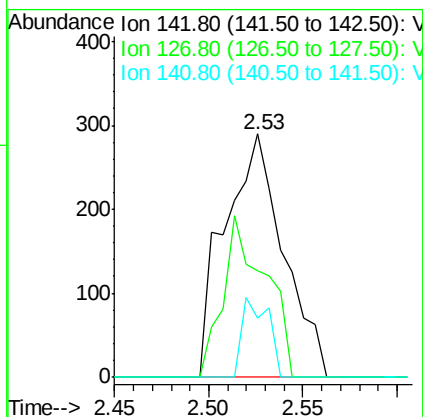
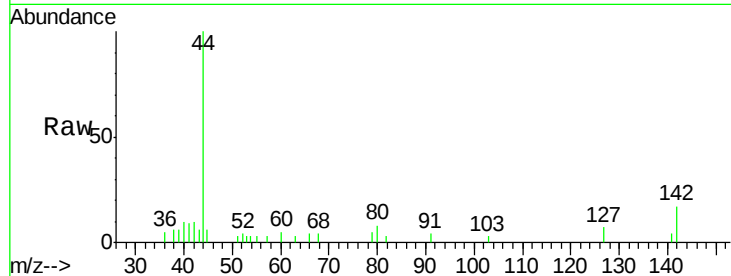




#10
Methyl Iodide
Concen: 4.64 ug/l
RT: 2.53 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX001365.D
Acq: 03 May 2018 17:56

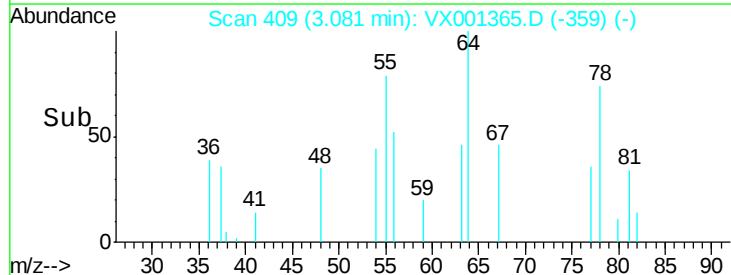
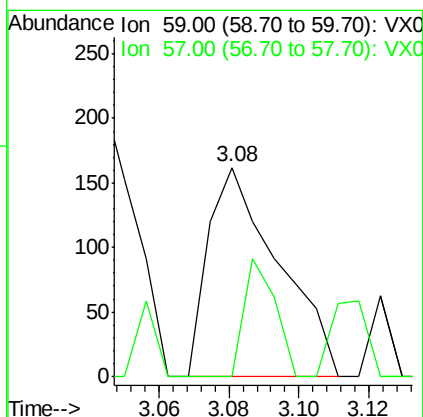
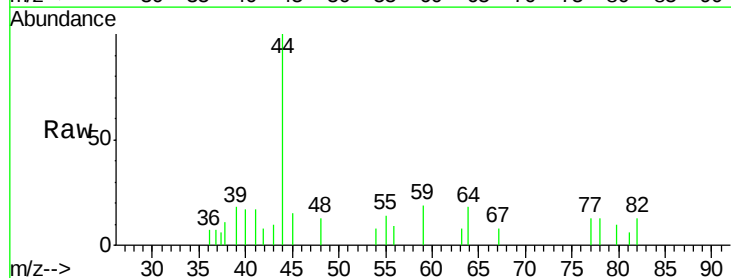
Instrument :
MSVOA_X
ClientSampleId :
1020

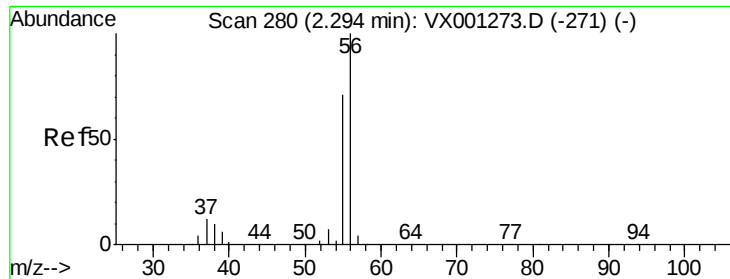
Tgt Ion: 142 Resp: 625
Ion Ratio Lower Upper
142 100
127 47.8 35.7 53.5
141 14.6 11.4 17.0



#11
Tert butyl alcohol
Concen: 0.62 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.01 min
Lab File: VX001365.D
Acq: 03 May 2018 17:56

Tgt Ion: 59 Resp: 226
Ion Ratio Lower Upper
59 100
57 24.8 8.6 12.8#





#13

Acrolein

Concen: 0.47 ug/l

RT: 2.29 min Scan# 279

Delta R.T. -0.01 min

Lab File: VX001365.D

Acq: 03 May 2018 17:56

Instrument :

MSVOA_X

ClientSampleId :

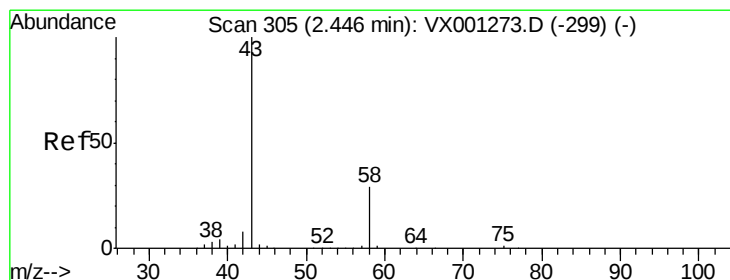
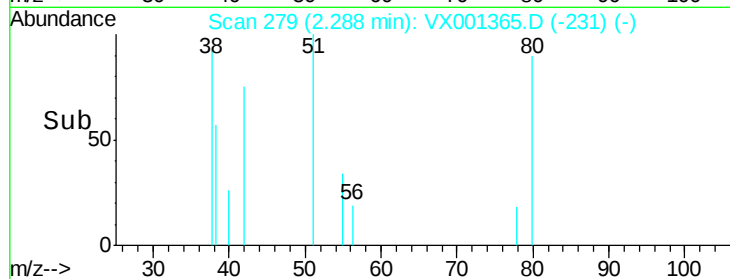
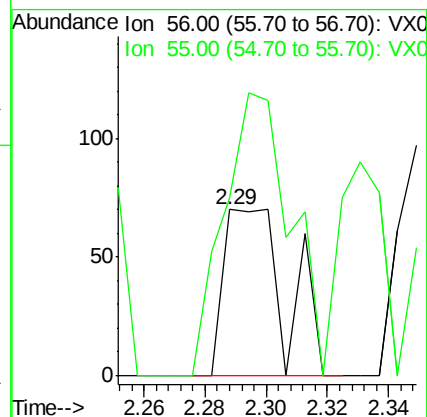
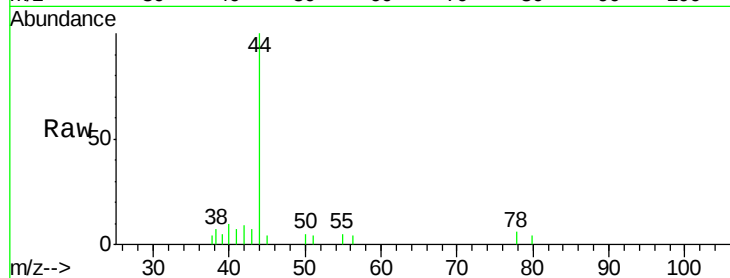
1020

Tgt Ion: 56 Resp: 98

Ion Ratio Lower Upper

56 100

55 182.7 57.2 85.8#



#16

Acetone

Concen: 3.73 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX001365.D

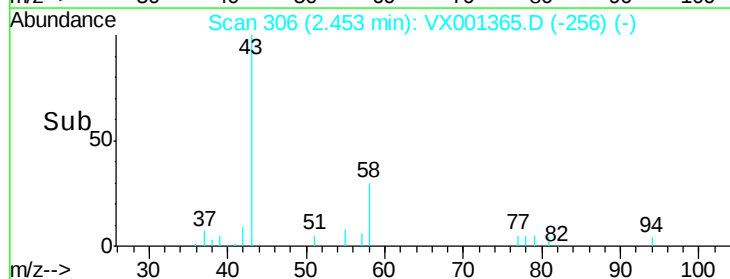
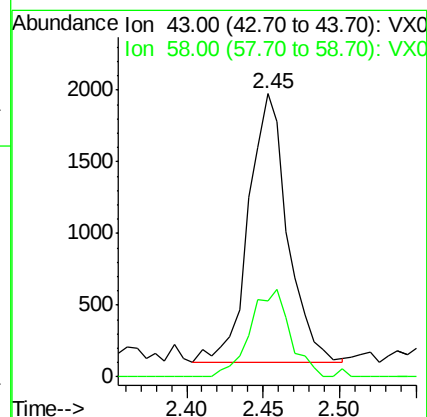
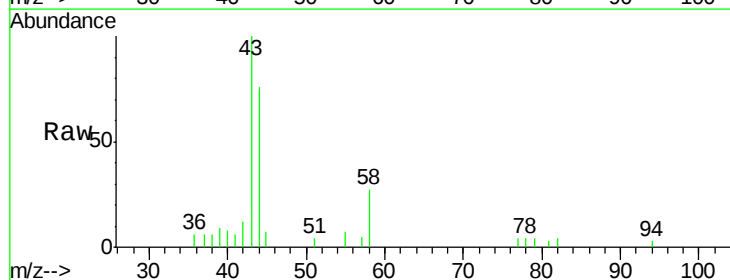
Acq: 03 May 2018 17:56

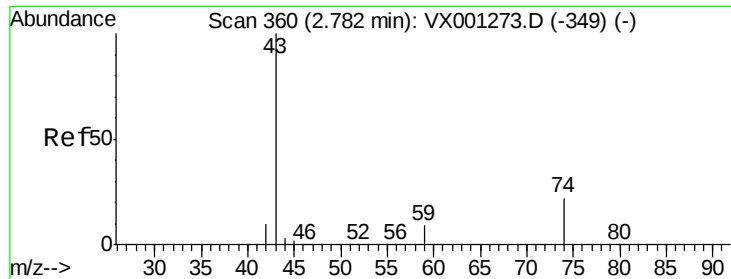
Tgt Ion: 43 Resp: 3351

Ion Ratio Lower Upper

43 100

58 28.3 22.8 34.2

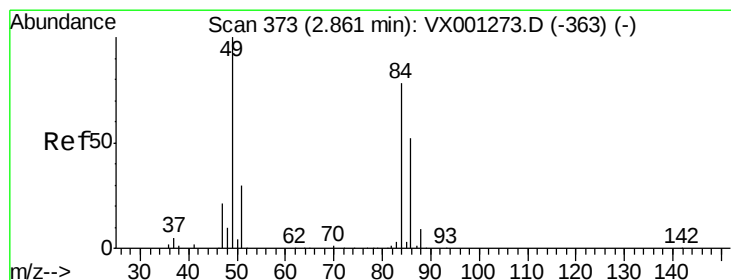
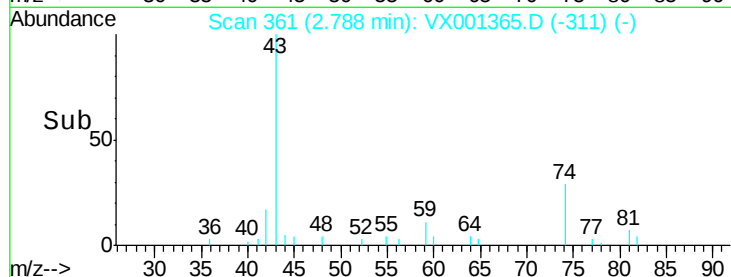
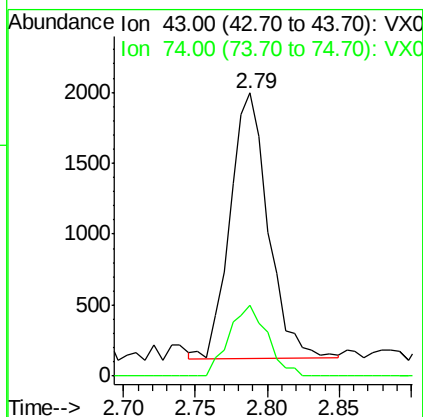
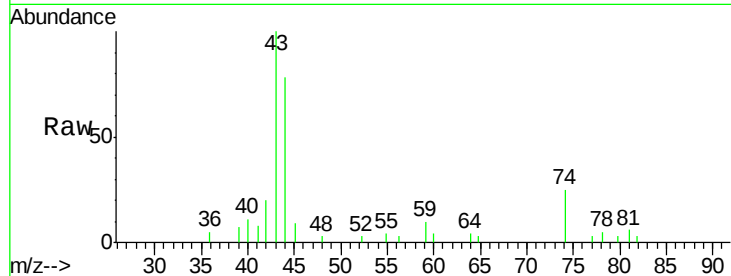




#18
Methyl Acetate
Concen: 1.61 ug/l
RT: 2.79 min Scan# 361
Delta R.T. 0.01 min
Lab File: VX001365.D
Acq: 03 May 2018 17:56

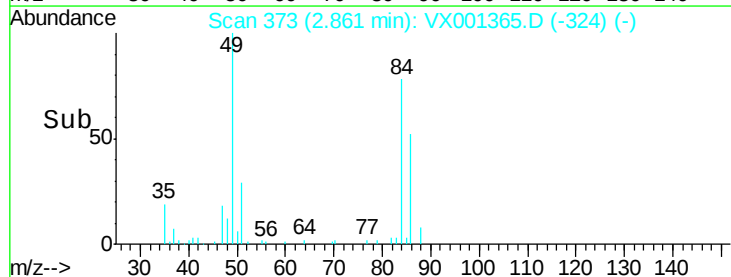
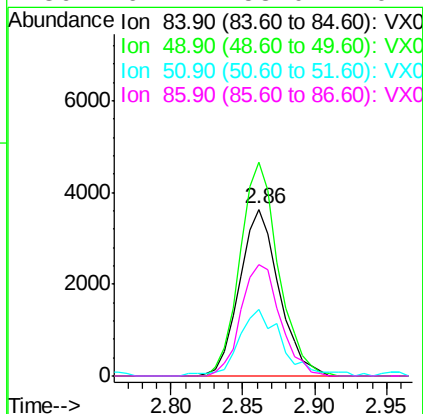
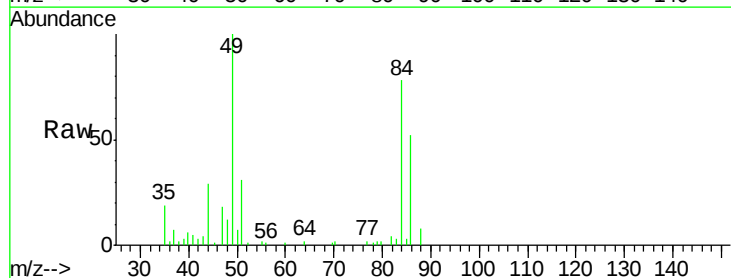
Instrument :
MSVOA_X
ClientSampleId :
1020

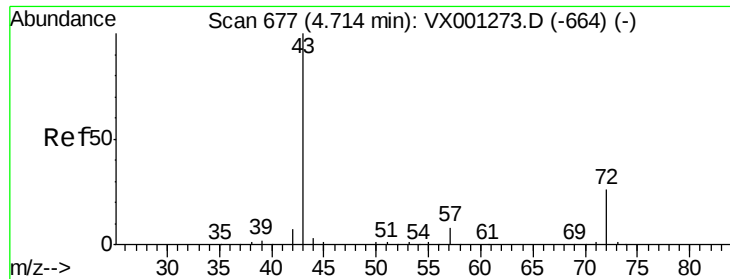
Tgt Ion: 43 Resp: 3415
Ion Ratio Lower Upper
43 100
74 27.2 17.8 26.6#



#20
Methylene Chloride
Concen: 2.76 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001365.D
Acq: 03 May 2018 17:56

Tgt Ion: 84 Resp: 6899
Ion Ratio Lower Upper
84 100
49 128.1 102.8 154.2
51 38.6 30.9 46.3
86 67.2 53.0 79.4

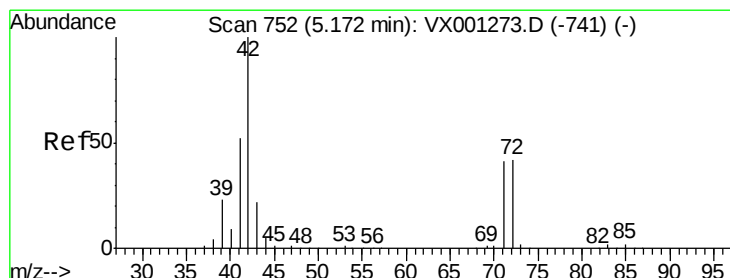
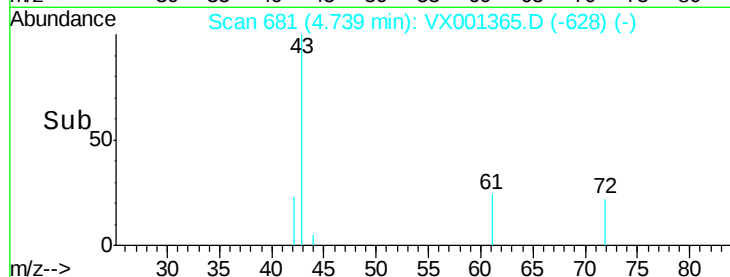
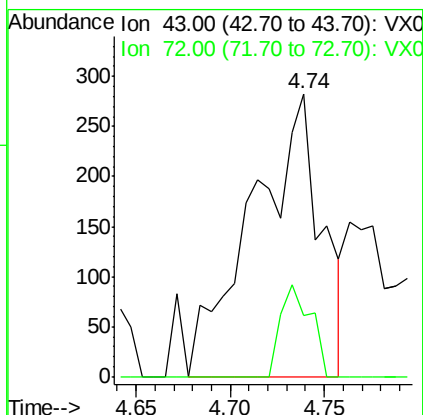
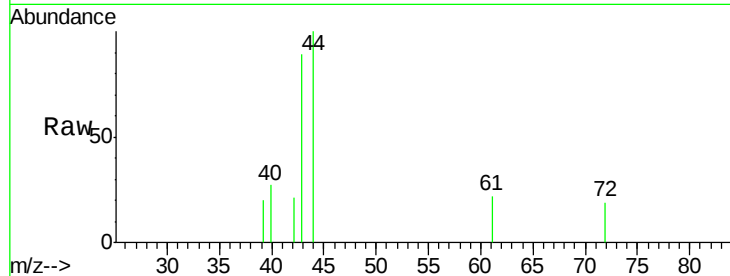




#25
2-Butanone
Concen: 0.59 ug/l
RT: 4.74 min Scan# 681
Delta R.T. 0.02 min
Lab File: VX001365.D
Acq: 03 May 2018 17:56

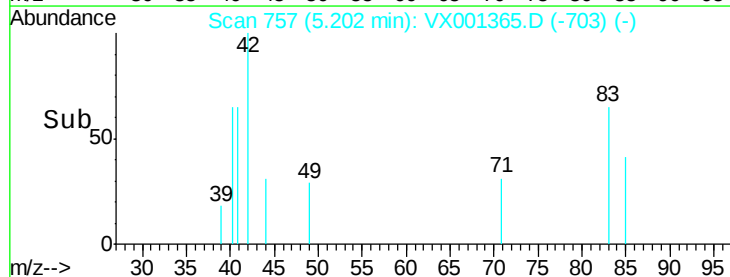
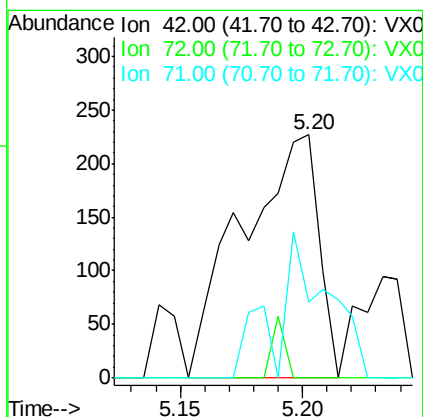
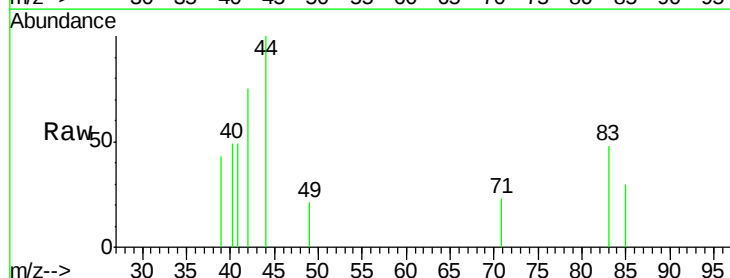
Instrument :
MSVOA_X
ClientSampled :
1020

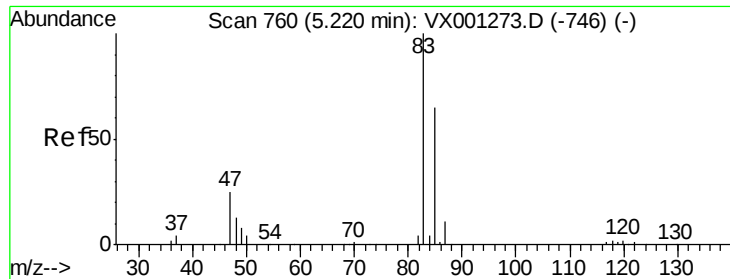
Tgt Ion: 43 Resp: 717
Ion Ratio Lower Upper
43 100
72 21.6 20.5 30.7



#29
Tetrahydrofuran
Concen: 0.66 ug/l
RT: 5.20 min Scan# 757
Delta R.T. 0.03 min
Lab File: VX001365.D
Acq: 03 May 2018 17:56

Tgt Ion: 42 Resp: 492
Ion Ratio Lower Upper
42 100
72 4.3 34.6 52.0#
71 40.9 32.7 49.1

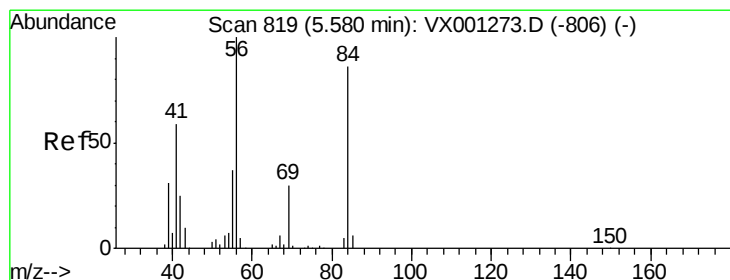
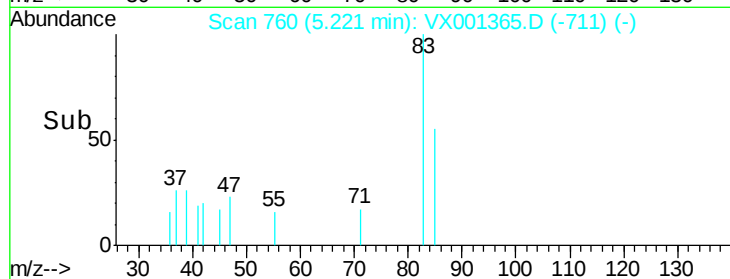
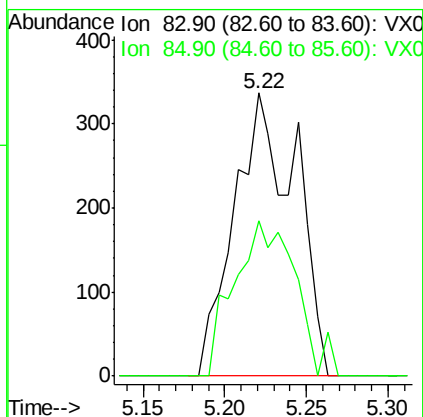
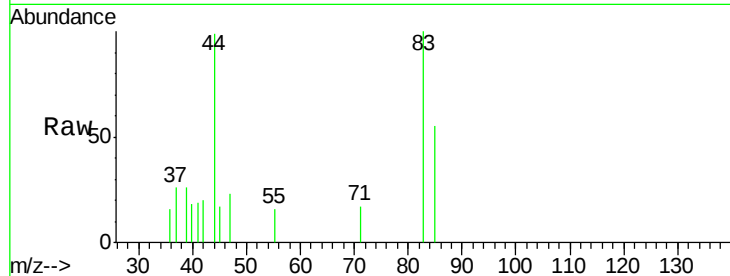




#30
Chloroform
Concen: 0.29 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX001365.D
Acq: 03 May 2018 17:56

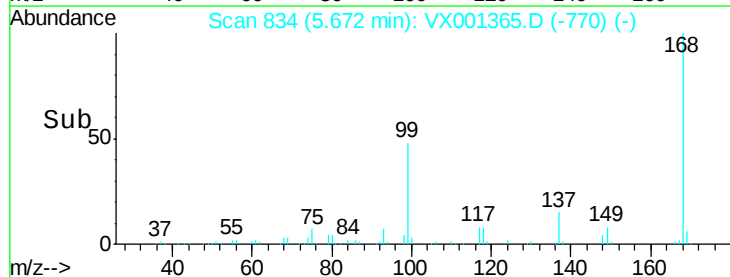
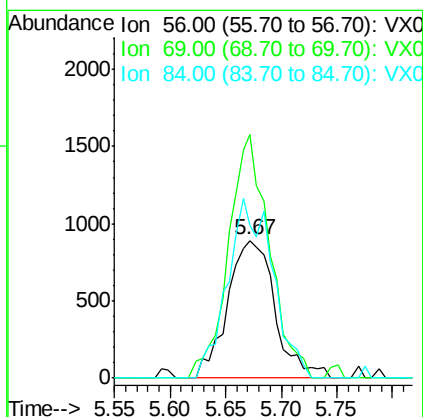
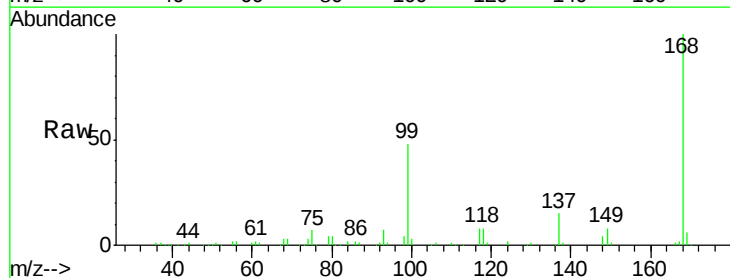
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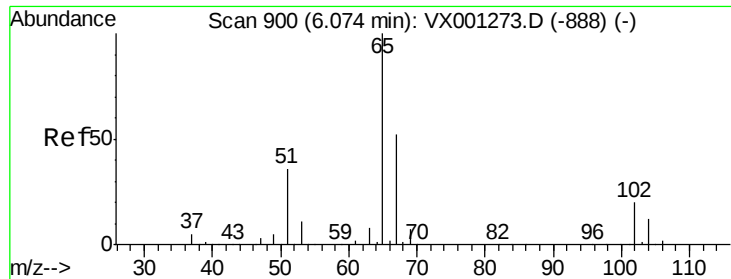
Tgt Ion: 83 Resp: 883
Ion Ratio Lower Upper
83 100
85 54.9 52.2 78.2



#31
Cyclohexane
Concen: 1.02 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.09 min
Lab File: VX001365.D
Acq: 03 May 2018 17:56

Tgt Ion: 56 Resp: 2643
Ion Ratio Lower Upper
56 100
69 177.0 24.0 36.0#
84 111.4 69.0 103.4#





#33

1,2-Dichloroethane-d4

Concen: 38.23 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.01 min

Lab File: VX001365.D

Acq: 03 May 2018 17:56

Instrument :

MSVOA_X

ClientSampleId :

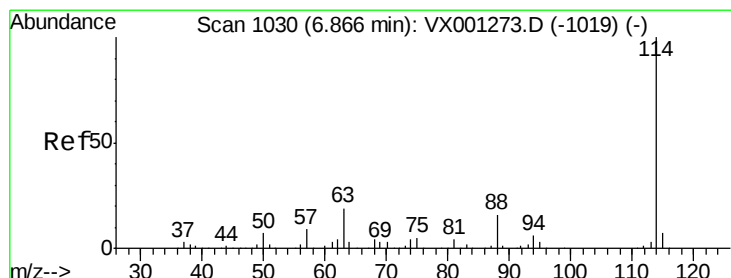
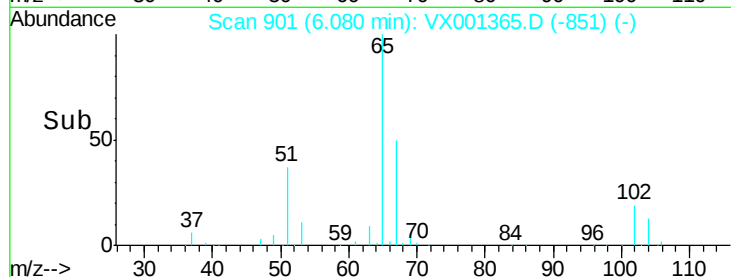
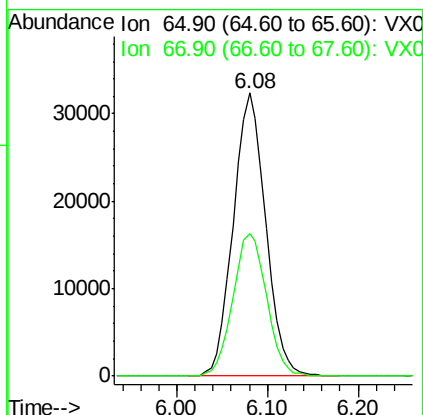
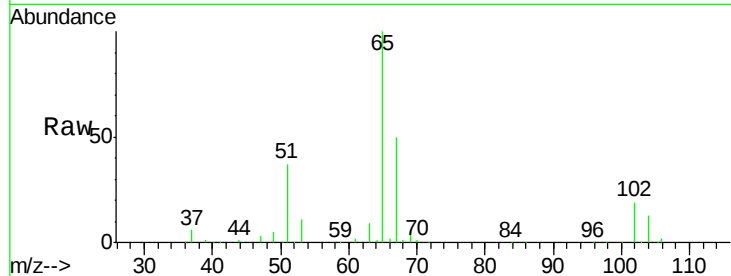
1020

Tgt Ion: 65 Resp: 80369

Ion Ratio Lower Upper

65 100

67 52.3 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VX001365.D

Acq: 03 May 2018 17:56

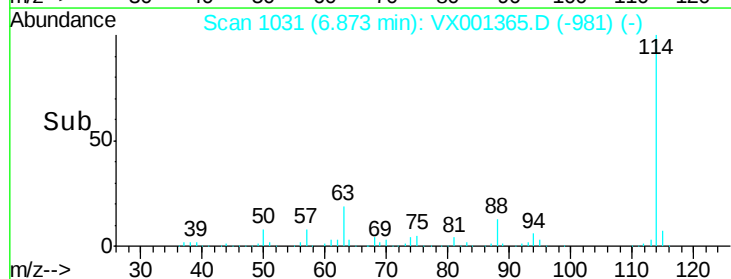
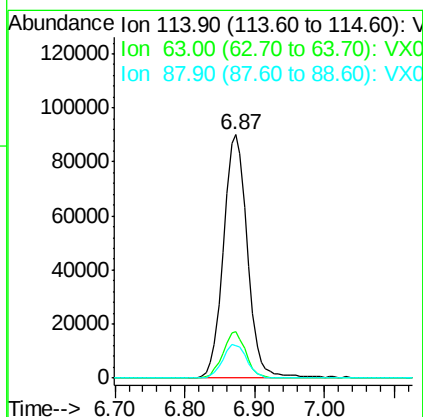
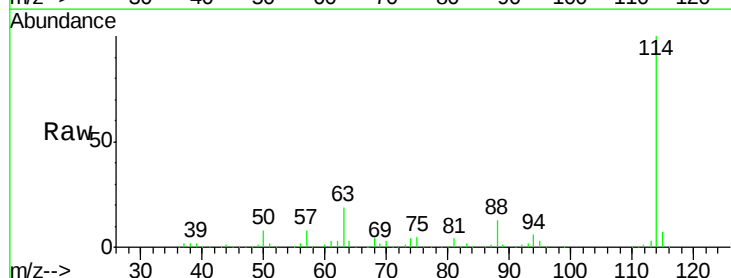
Tgt Ion: 114 Resp: 214967

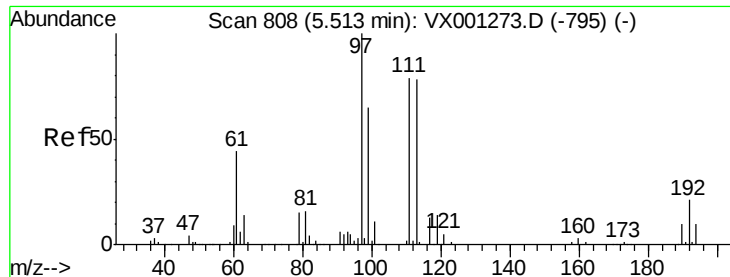
Ion Ratio Lower Upper

114 100

63 19.0 0.0 38.8

88 13.5 0.0 32.2





#35

Dibromofluoromethane

Concen: 35.97 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX001365.D

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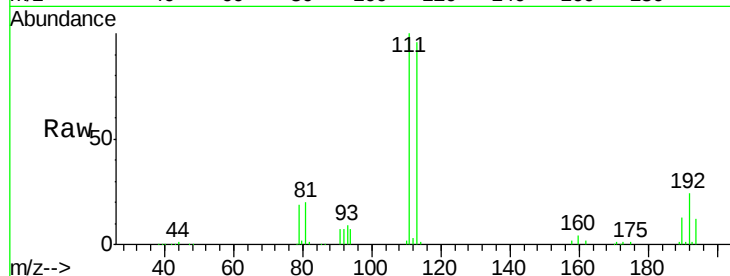
Tgt Ion:113 Resp: 66621

Ion Ratio Lower Upper

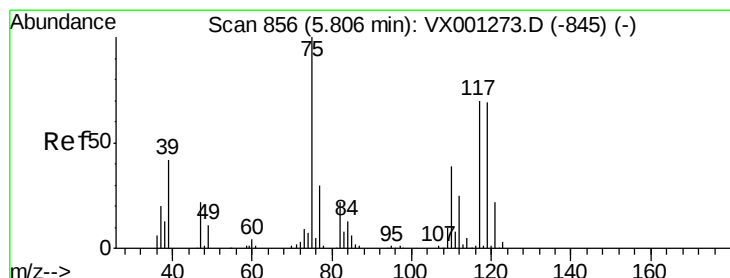
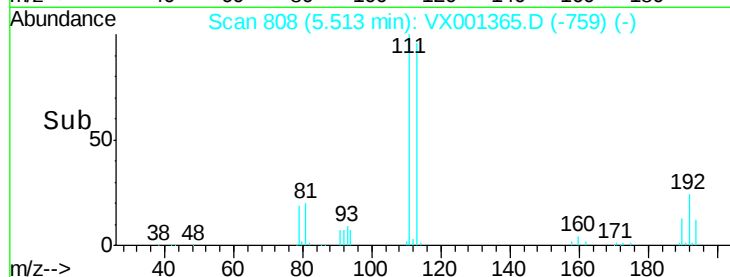
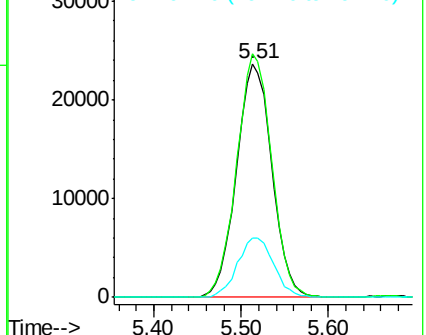
113 100

111 103.0 81.2 121.8

192 26.0 20.7 31.1



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: 3.78 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.13 min

Lab File: VX001365.D

Acq: 03 May 2018 17:56

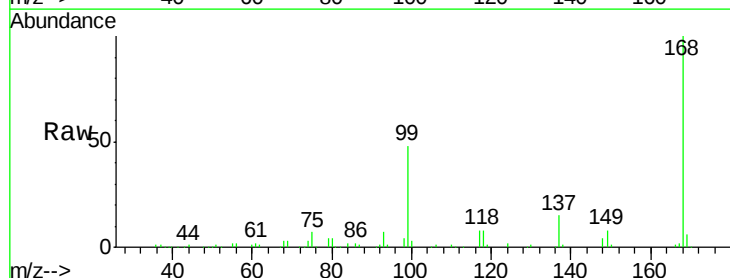
Tgt Ion: 75 Resp: 9374

Ion Ratio Lower Upper

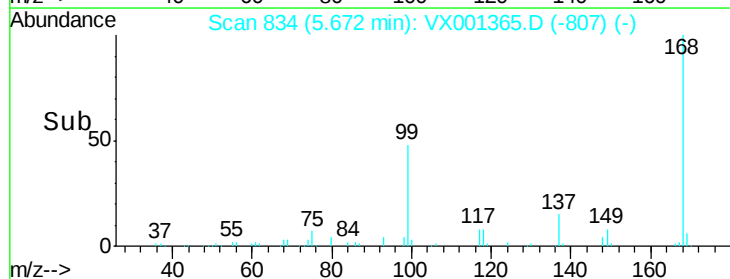
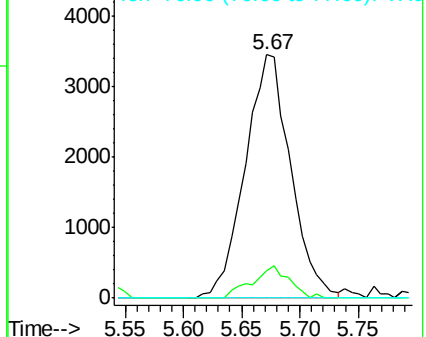
75 100

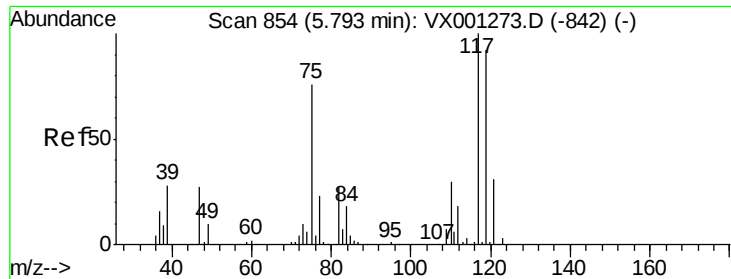
110 10.7 18.9 56.9#

77 0.0 24.2 36.2#



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: 4.82 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.12 min

Lab File: VX001365.D

Acq: 03 May 2018 17:56

Instrument :

MSVOA_X

ClientSampled :

1020

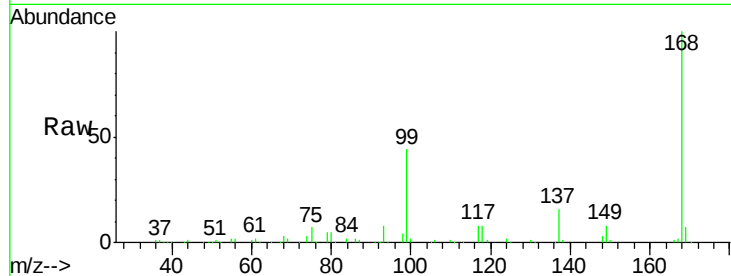
Tgt Ion:117 Resp: 12537

Ion Ratio Lower Upper

117 100

119 6.5 73.4 110.2#

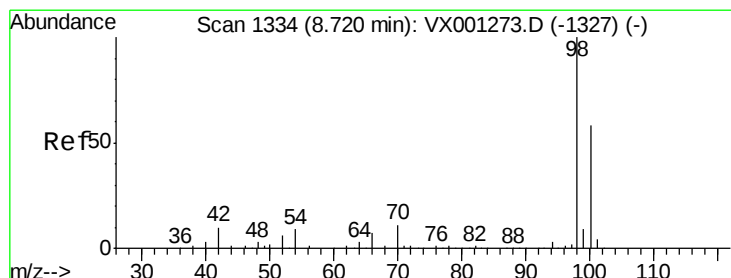
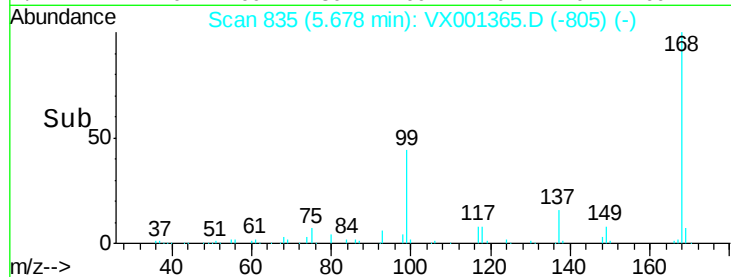
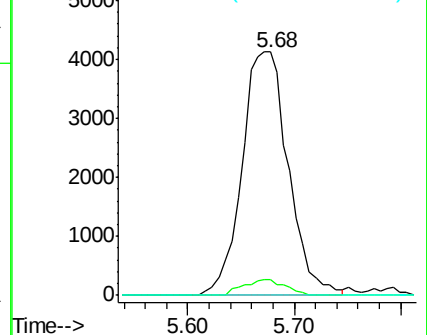
121 0.0 25.0 37.4#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 37.63 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001365.D

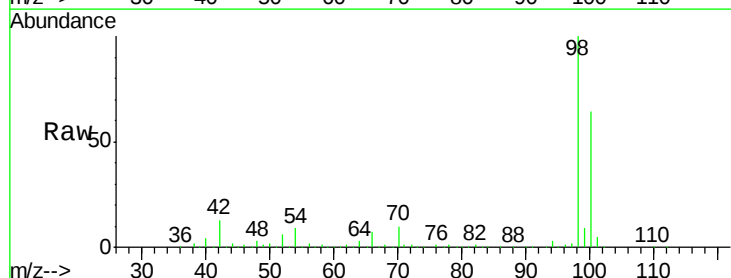
Acq: 03 May 2018 17:56

Tgt Ion: 98 Resp: 248976

Ion Ratio Lower Upper

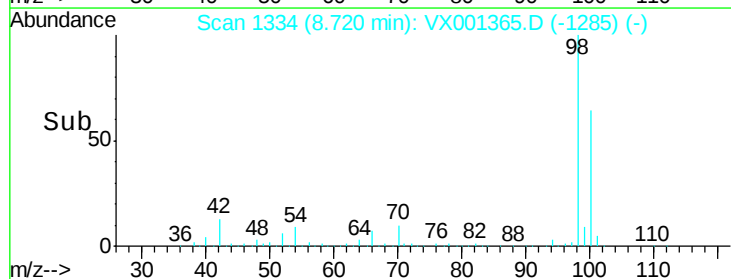
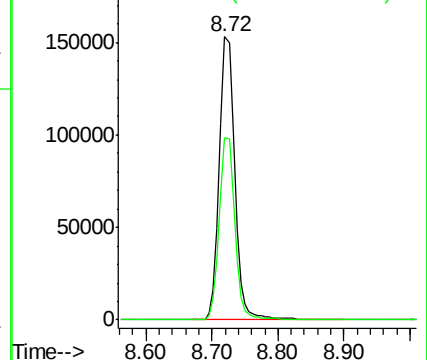
98 100

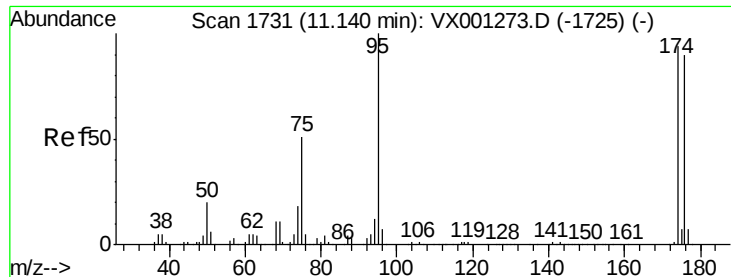
100 64.6 51.0 76.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

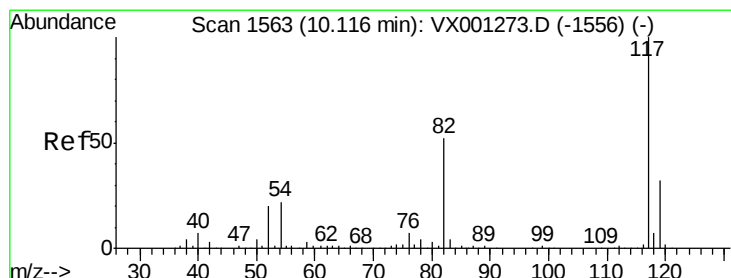
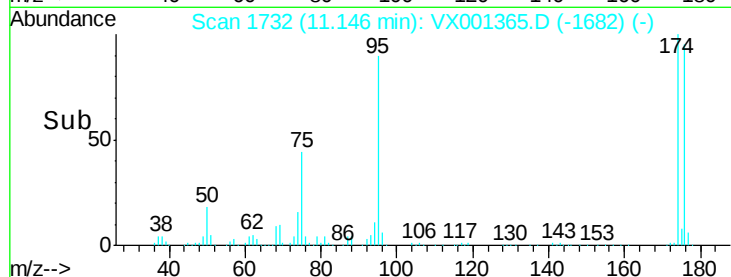
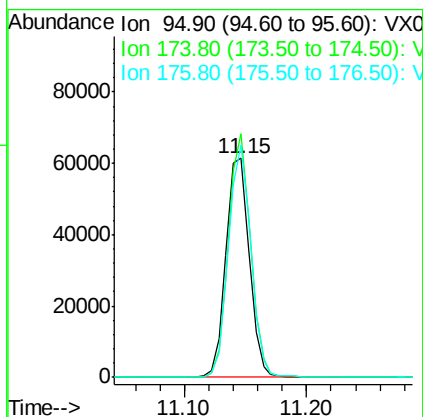
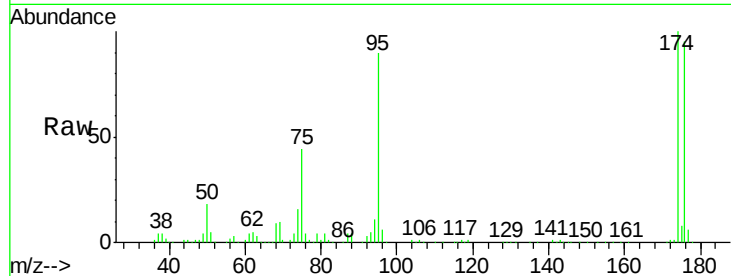




#62
4-Bromofluorobenzene
Concen: 30.91 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.01 min
Lab File: VX001365.D
Acq: 03 May 2018 17:56

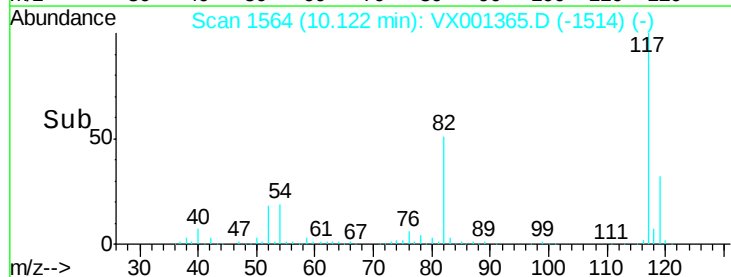
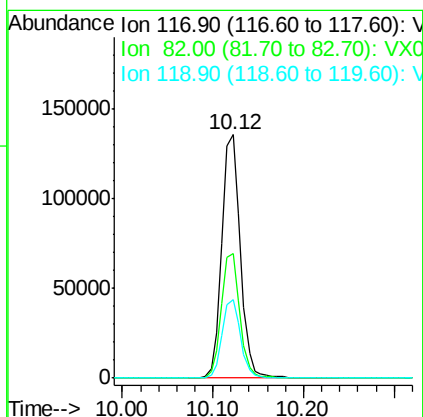
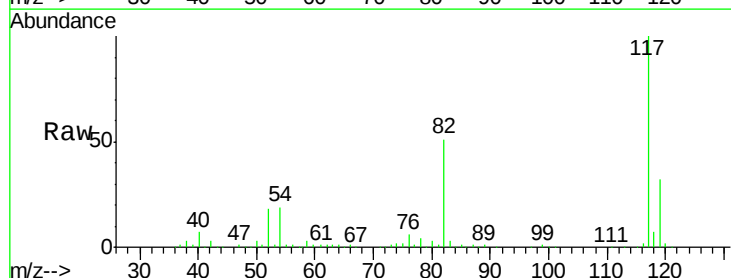
Instrument :
MSVOA_X
ClientSampleId :
1020

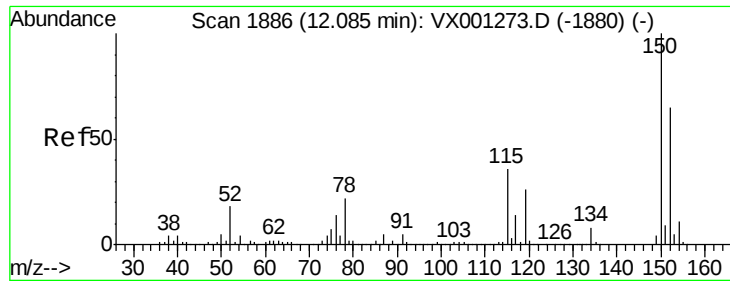
Tgt Ion: 95 Resp: 81788
Ion Ratio Lower Upper
95 100
174 104.5 0.0 201.8
176 100.6 0.0 197.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX001365.D
Acq: 03 May 2018 17:56

Tgt Ion: 117 Resp: 193473
Ion Ratio Lower Upper
117 100
82 51.1 41.4 62.0
119 32.2 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001365.D

Acq: 03 May 2018 17:56

Instrument :

MSVOA_X

ClientSampleId :

1020

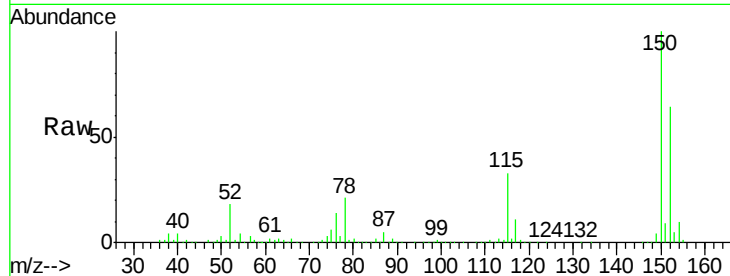
Tgt Ion:152 Resp: 95903

Ion Ratio Lower Upper

152 100

115 52.3 38.6 115.7

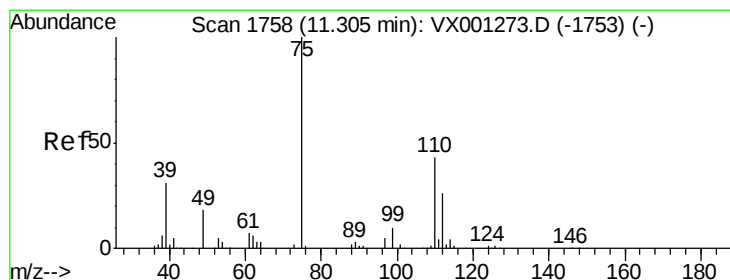
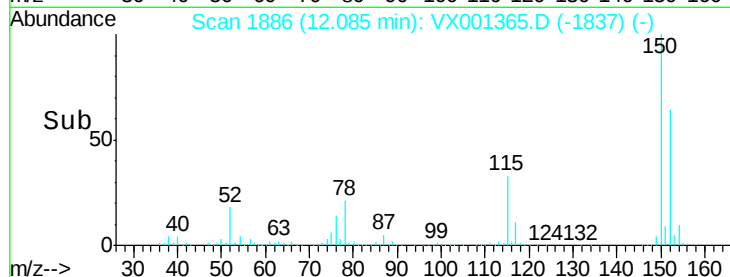
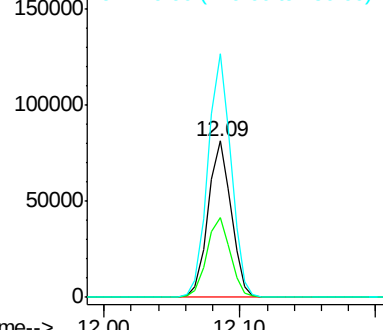
150 156.2 0.0 349.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 23.27 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX001365.D

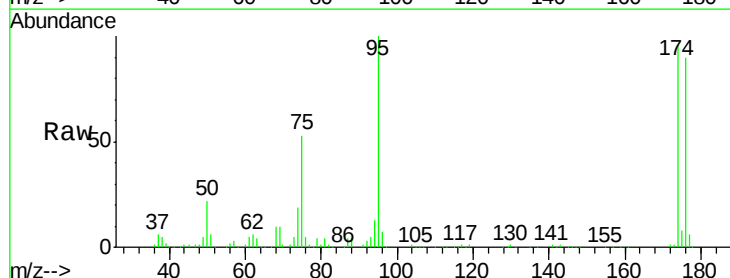
Acq: 03 May 2018 17:56

Tgt Ion: 75 Resp: 41269

Ion Ratio Lower Upper

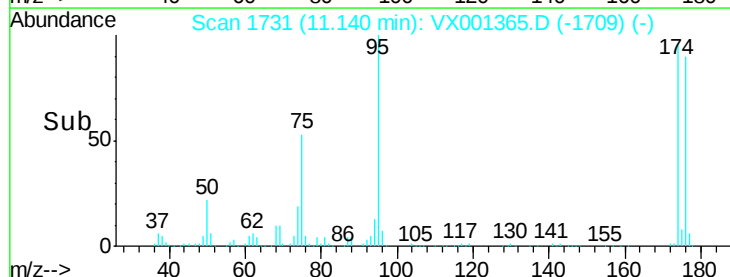
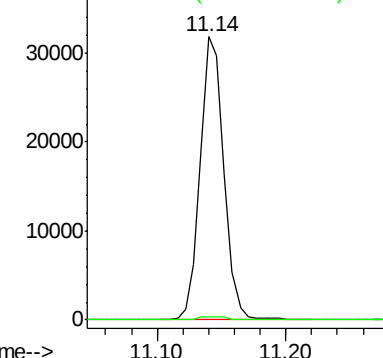
75 100

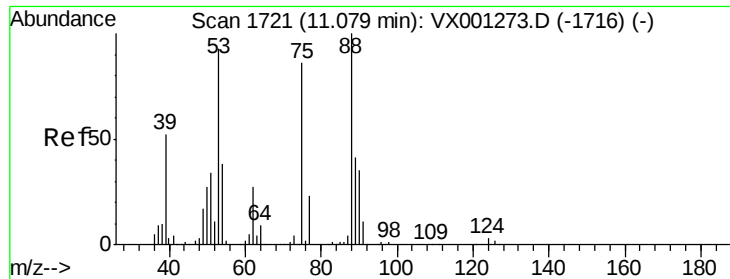
77 1.4 18.9 56.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

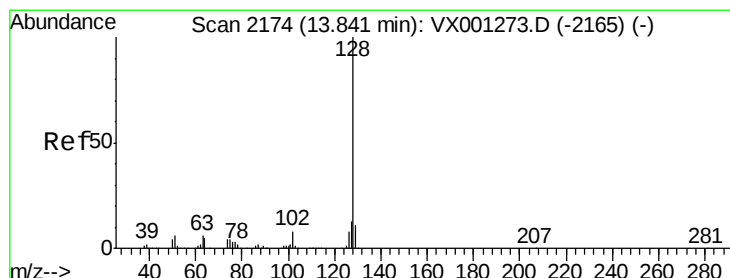
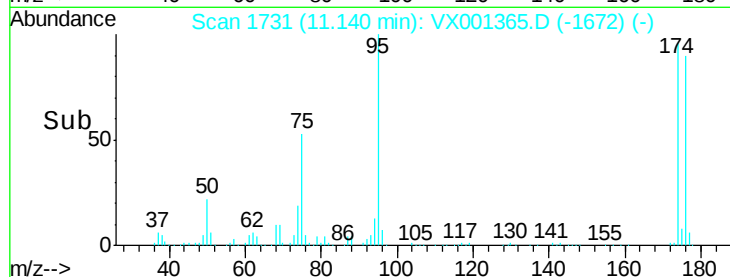
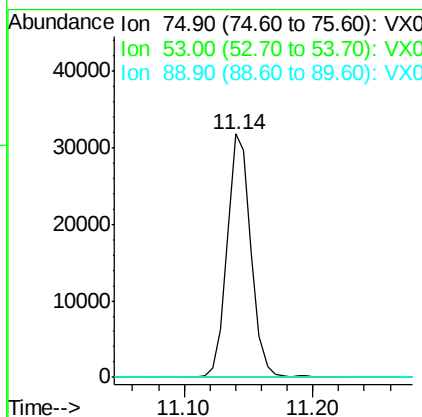
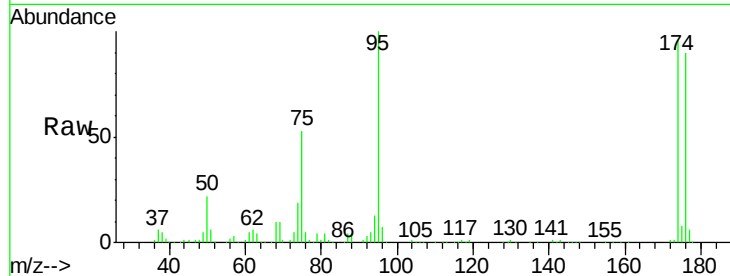




#81
trans-1,4-Dichloro-2-butene
Concen: 73.50 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX001365.D
Acq: 03 May 2018 17:56

Instrument :
MSVOA_X
ClientSampleId :
1020

Tgt Ion: 75 Resp: 41269
Ion Ratio Lower Upper
75 100
53 0.0 87.1 130.7#
89 0.0 38.9 58.3#



#95
Naphthalene
Concen: 5.98 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX001365.D
Acq: 03 May 2018 17:56

Tgt Ion: 128 Resp: 41995
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 11.0 8.7 13.1

