

Data File : VX001574.D

Acq On : 10 May 2018 00:14

Operator : JC/MD

Sample : VX0509MBL01

Misc : 5.0g/10mL/100ul/5mL/MSVOA_X/MEOH

ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0509MBL01

Quant Time: May 10 04:31:44 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	234522	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	314896	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	267003	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	131977	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	185300	54.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.94%	
35) Dibromofluoromethane	5.51	113	146424	52.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.56%	
50) Toluene-d8	8.72	98	513690	50.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.48%	
62) 4-Bromofluorobenzene	11.14	95	153391	39.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.16%	

Target Compounds

						Qvalue
5) Bromomethane	1.65	94	1412	Below Cal		86
10) Methyl Iodide	2.51	142	3845	0.94 ug/l		99
11) Tert butyl alcohol	3.03	59	1869	2.63 ug/l #		75
13) Acrolein	2.29	56	337	Below Cal		92
15) Acrylonitrile	3.15	53	921	0.57 ug/l #		49
16) Acetone	2.45	43	1028	0.67 ug/l		93
17) Carbon Disulfide	2.57	76	2760	0.42 ug/l #		89
20) Methylene Chloride	2.86	84	714	0.24 ug/l #		82
25) 2-Butanone	4.71	43	561	0.25 ug/l #		49
29) Tetrahydrofuran	5.19	42	895	0.63 ug/l #		69
36) 1,1-Dichloropropene	5.80	75	818	0.20 ug/l #		80
38) Carbon Tetrachloride	5.67	117	20657	4.84 ug/l #		17
54) cis-1,3-Dichloropropene	9.05	75	279	2.32 ug/l #		79
76) 1,2,3-Trichloropropane	11.14	75	78268	29.24 ug/l #		38
81) trans-1,4-Dichloro-2-buten	11.14	75	78268	89.52 ug/l #		7
82) 4-Chlorotoluene	11.52	91	1463	0.21 ug/l		96
87) 1,3-Dichlorobenzene	12.03	146	1305	0.27 ug/l		98
88) 1,4-Dichlorobenzene	12.03	146	1305	0.27 ug/l		98
93) 1,2,4-Trichlorobenzene	13.65	180	1320	0.37 ug/l		98
95) Naphthalene	13.84	128	2477	0.25 ug/l #		96
96) 1,2,3-Trichlorobenzene	14.02	180	1198	0.33 ug/l		95

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

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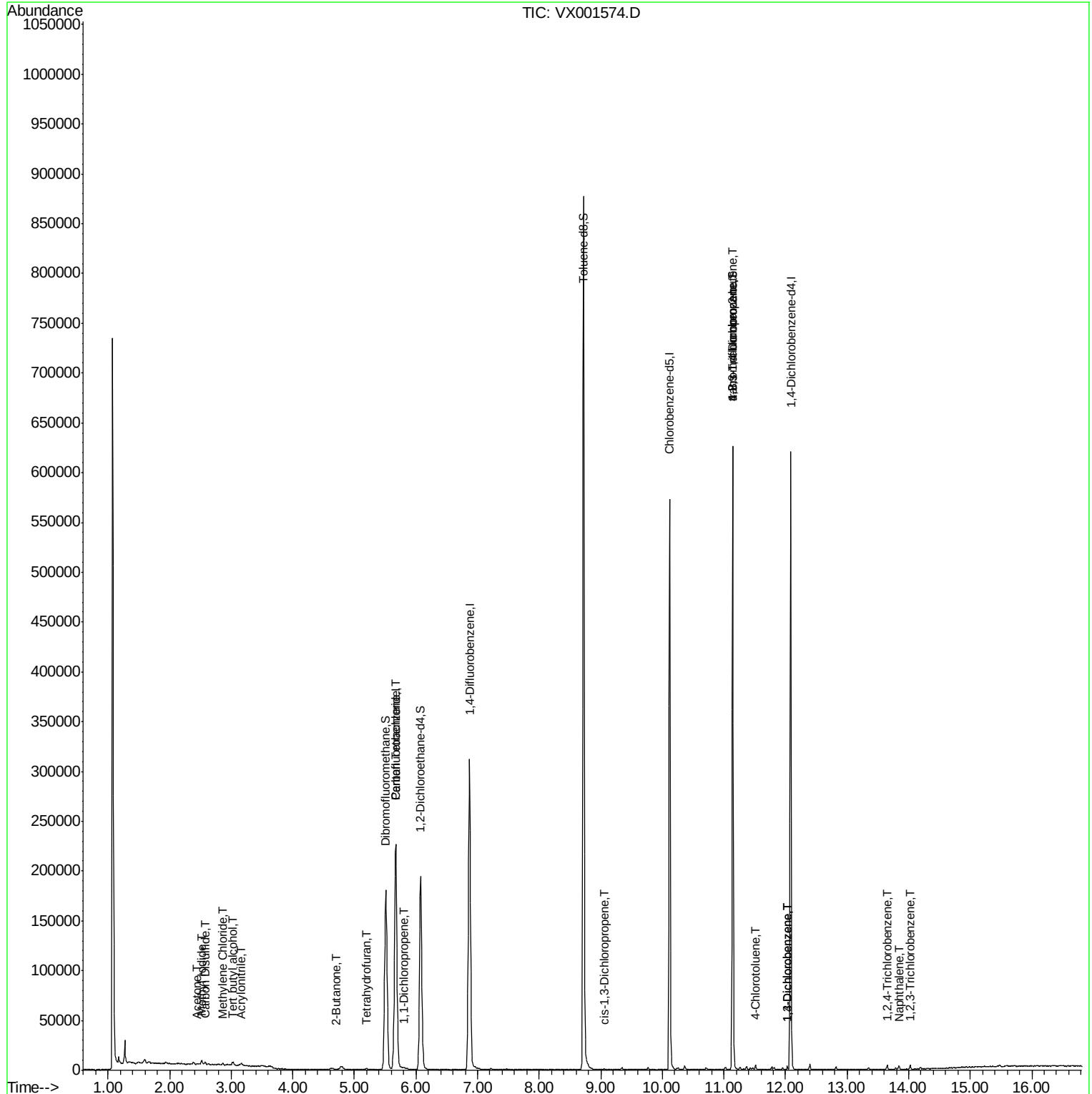
Quant Time: May 10 04:31:44 2018

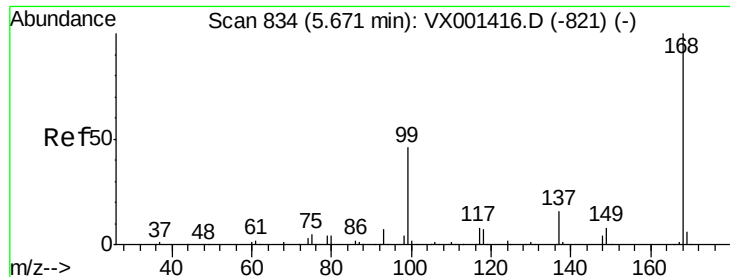
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M

Quant Title : SW846 8260

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001574.D

Acq: 10 May 2018 00:14

Instrument :

MSVOA_X

ClientSampleId :

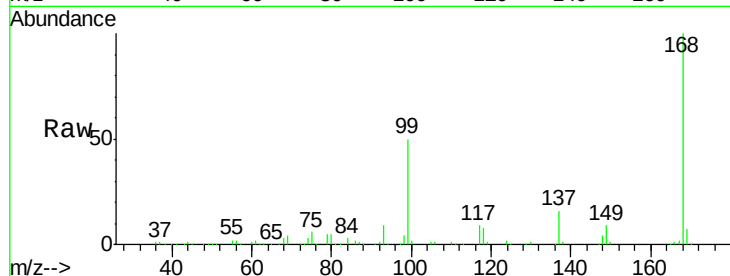
VX0509MBL01

Tgt Ion:168 Resp: 234522

Ion Ratio Lower Upper

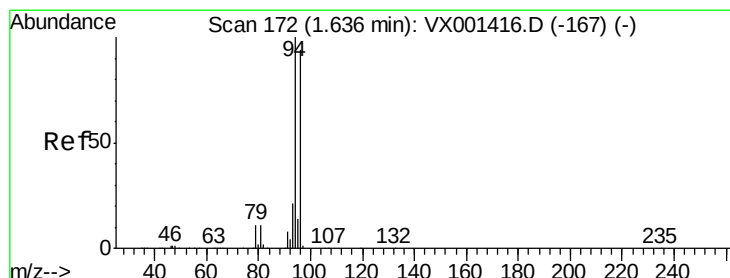
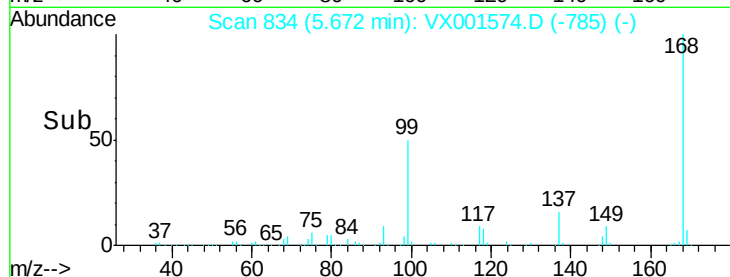
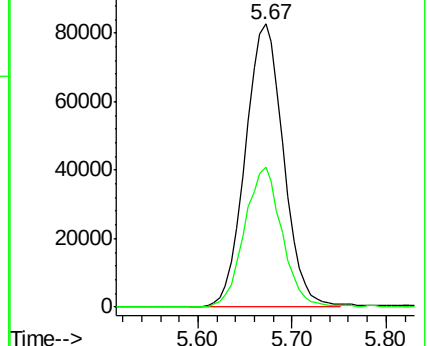
168 100

99 49.7 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: 1.65 min Scan# 175

Delta R.T. 0.02 min

Lab File: VX001574.D

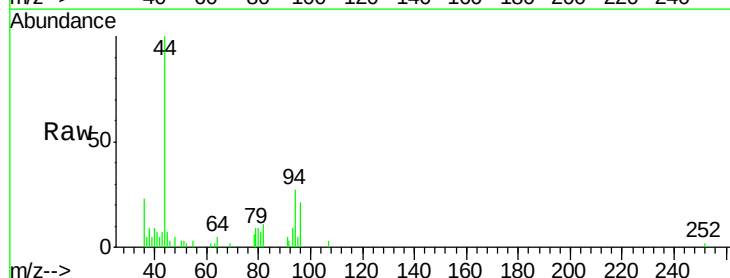
Acq: 10 May 2018 00:14

Tgt Ion: 94 Resp: 1412

Ion Ratio Lower Upper

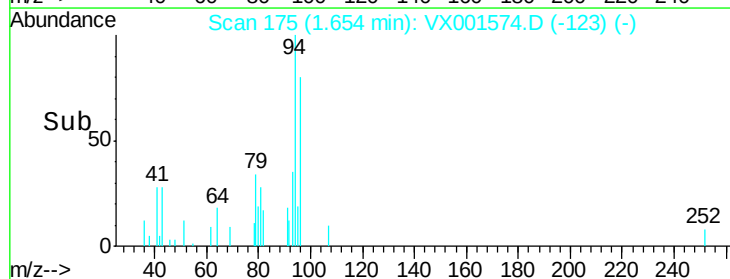
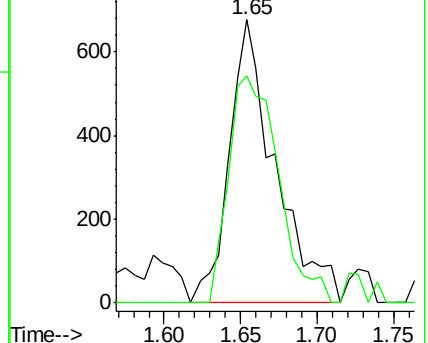
94 100

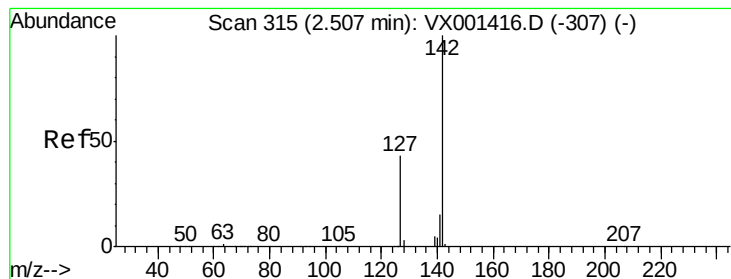
96 80.4 75.0 112.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#10

Methyl Iodide

Concen: 0.94 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.01 min

Lab File: VX001574.D

Acq: 10 May 2018 00:14

Instrument :

MSVOA_X

ClientSampleId :

VX0509MBL01

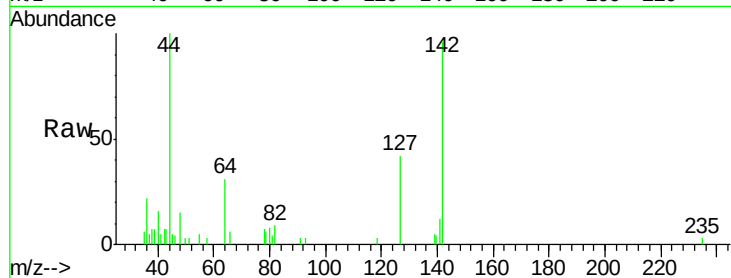
Tgt Ion:142 Resp: 3845

Ion Ratio Lower Upper

142 100

127 41.8 33.6 50.4

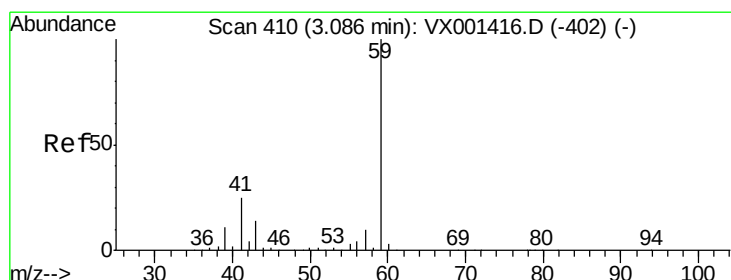
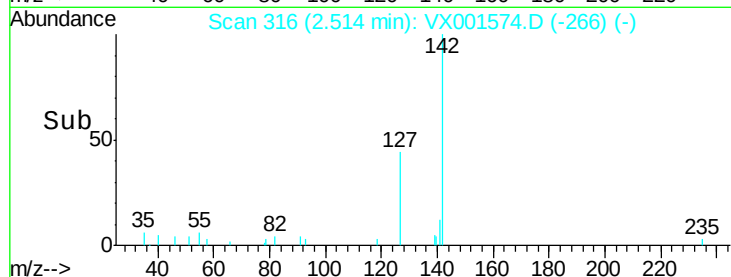
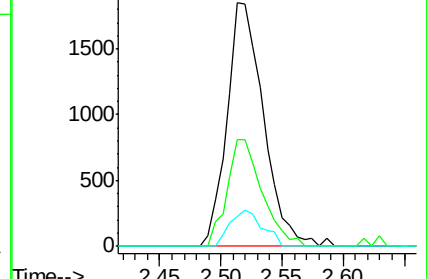
141 13.1 11.4 17.2



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



#11

Tert butyl alcohol

Concen: 2.63 ug/l

RT: 3.03 min Scan# 400

Delta R.T. -0.06 min

Lab File: VX001574.D

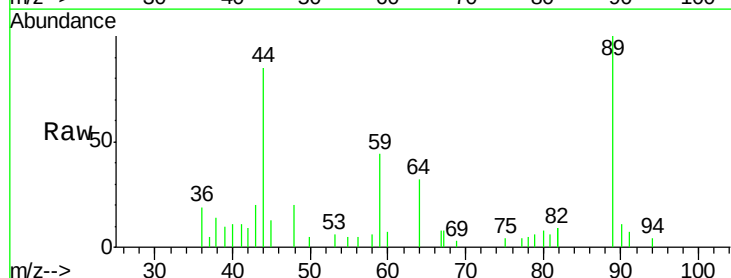
Acq: 10 May 2018 00:14

Tgt Ion: 59 Resp: 1869

Ion Ratio Lower Upper

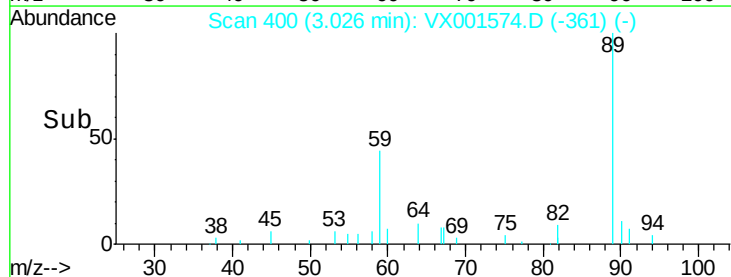
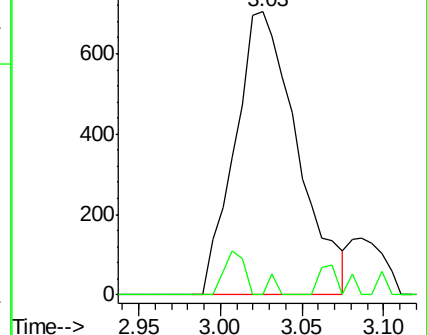
59 100

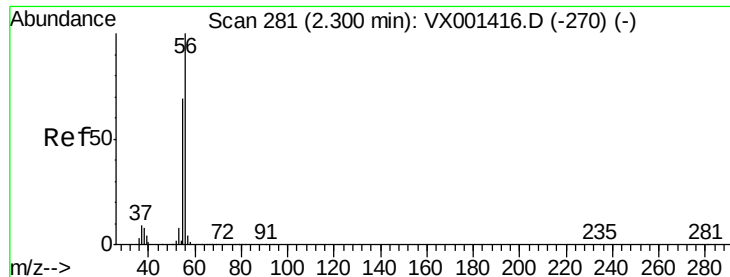
57 1.0 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#13

Acrolein

Concen: Below Cal

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX001574.D

Acq: 10 May 2018 00:14

Instrument :

MSVOA_X

ClientSampled :

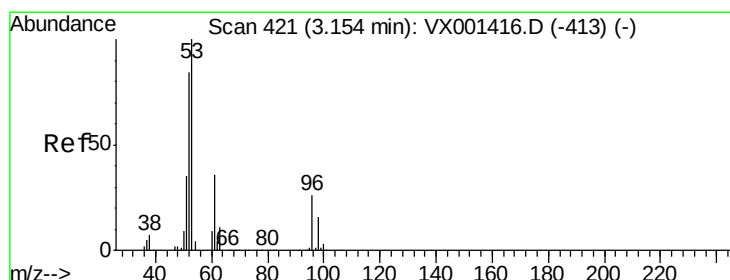
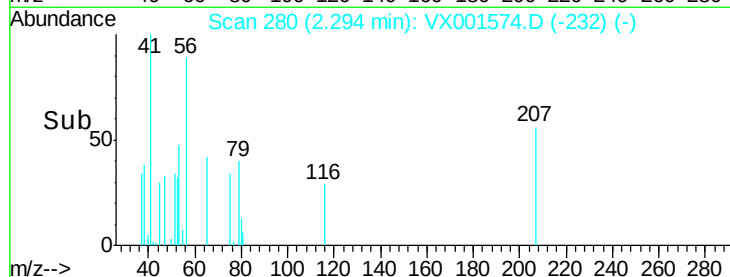
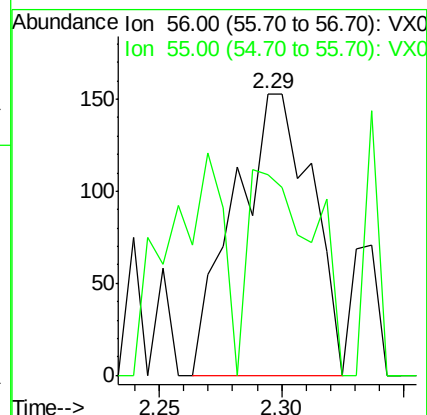
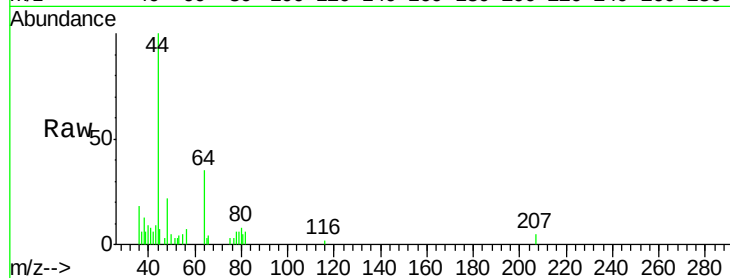
VX0509MBL01

Tgt Ion: 56 Resp: 337

Ion Ratio Lower Upper

56 100

55 61.4 54.5 81.7



#15

Acrylonitrile

Concen: 0.57 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX001574.D

Acq: 10 May 2018 00:14

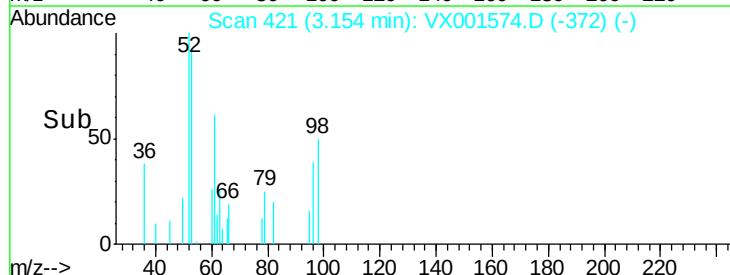
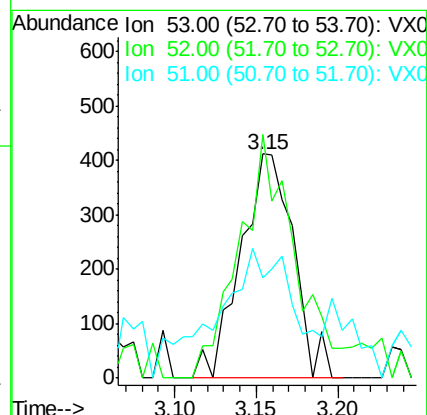
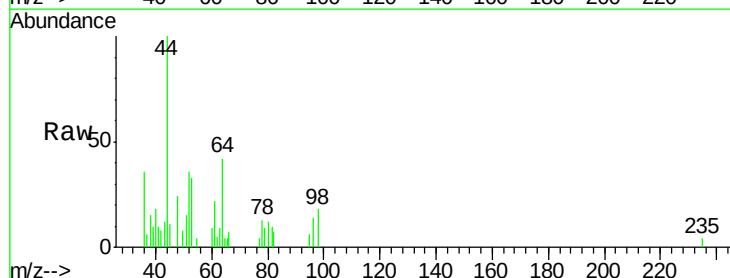
Tgt Ion: 53 Resp: 921

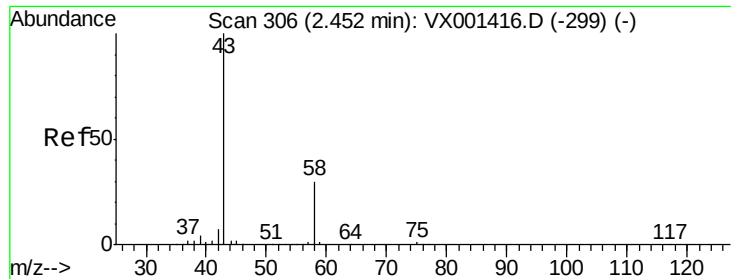
Ion Ratio Lower Upper

53 100

52 115.6 66.2 99.2#

51 85.8 28.6 43.0#





#16

Acetone

Concen: 0.67 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX001574.D

Acq: 10 May 2018 00:14

Instrument :

MSVOA_X

ClientSampleId :

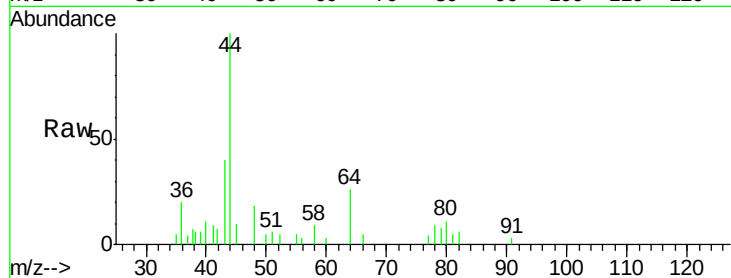
VX0509MBL01

Tgt Ion: 43 Resp: 1028

Ion Ratio Lower Upper

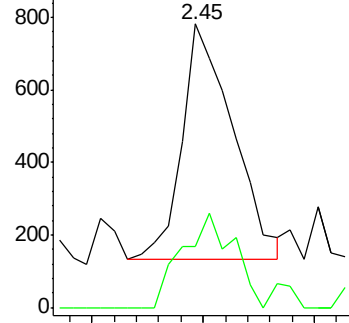
43 100

58 26.1 23.8 35.8

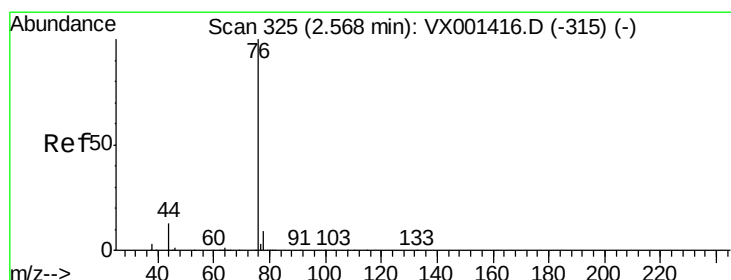
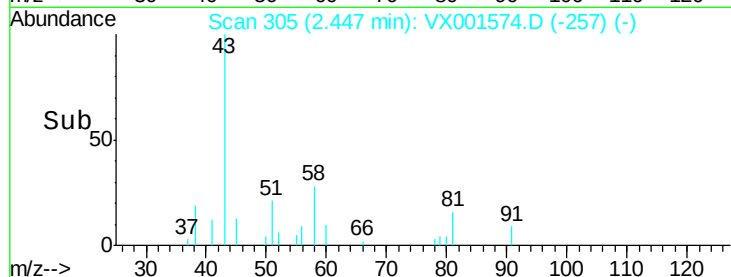


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#17

Carbon Disulfide

Concen: 0.42 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX001574.D

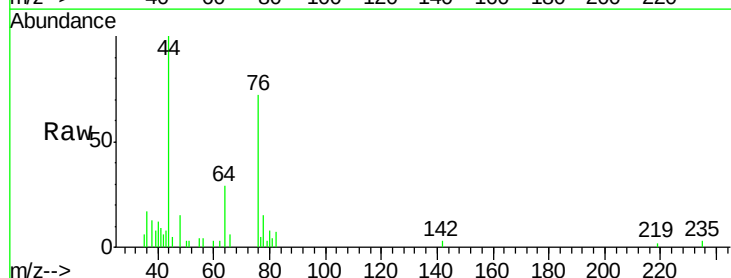
Acq: 10 May 2018 00:14

Tgt Ion: 76 Resp: 2760

Ion Ratio Lower Upper

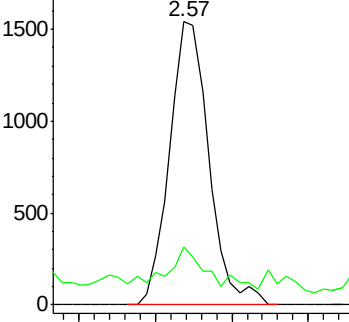
76 100

78 13.4 7.4 11.2#

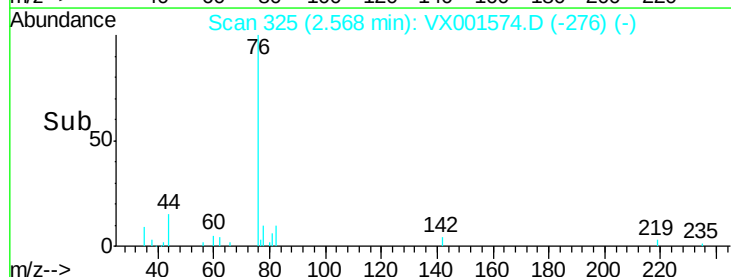


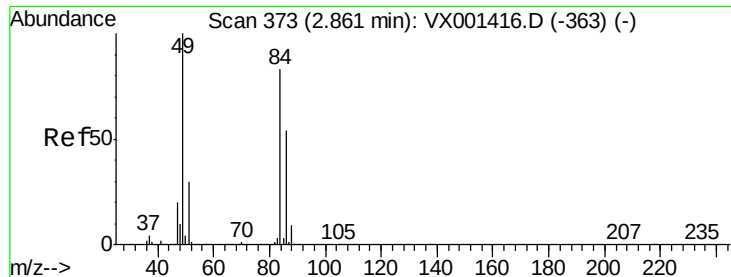
Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



Time-->

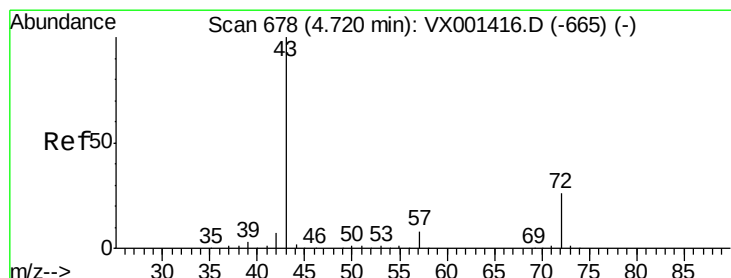
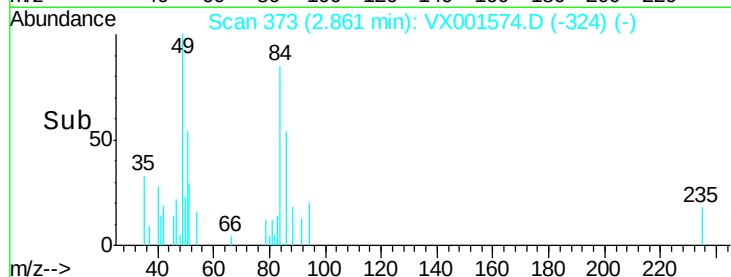
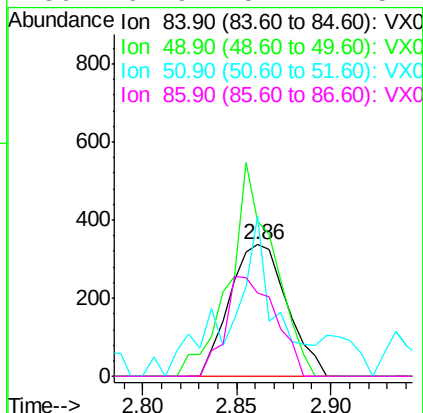
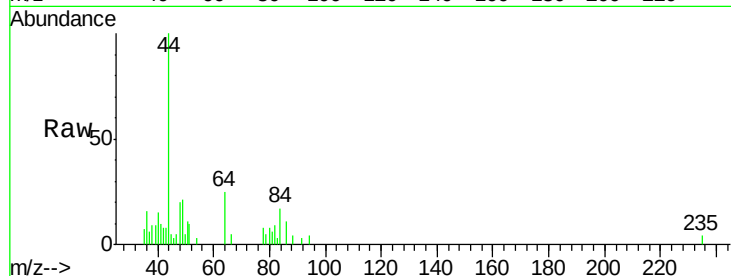




#20
Methylene Chloride
Concen: 0.24 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001574.D
Acq: 10 May 2018 00:14

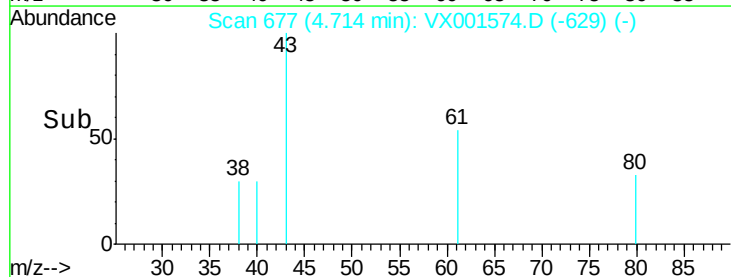
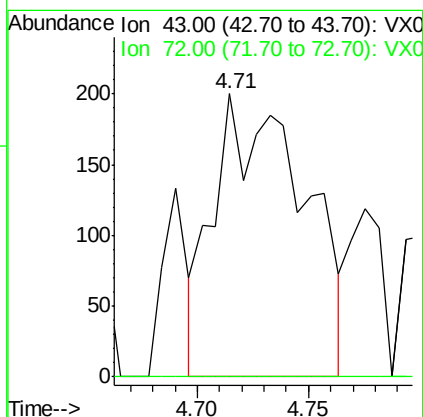
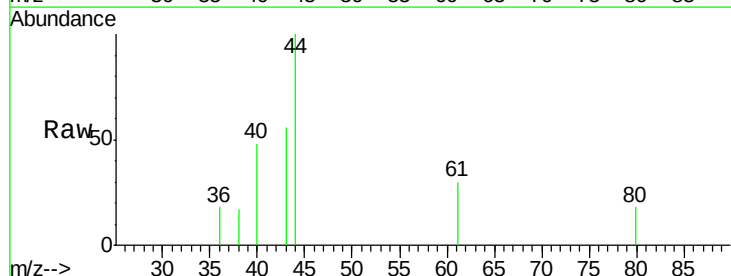
Instrument :
MSVOA_X
ClientSampleId :
VX0509MBL01

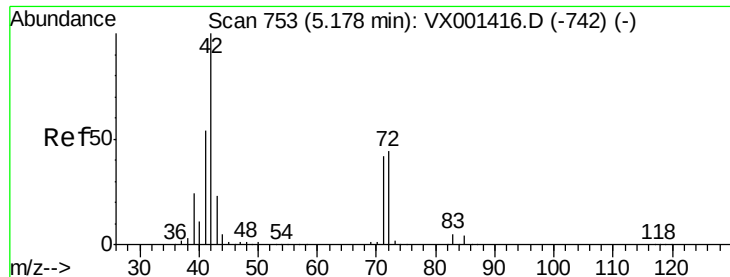
Tgt Ion: 84 Resp: 714
Ion Ratio Lower Upper
84 100
49 117.5 96.6 144.8
51 91.7 29.0 43.4#
86 62.9 52.2 78.4



#25
2-Butanone
Concen: 0.25 ug/l
RT: 4.71 min Scan# 677
Delta R.T. -0.01 min
Lab File: VX001574.D
Acq: 10 May 2018 00:14

Tgt Ion: 43 Resp: 561
Ion Ratio Lower Upper
43 100
72 0.0 20.7 31.1#





#29

Tetrahydrofuran

Concen: 0.63 ug/l

RT: 5.19 min Scan# 755

Delta R.T. 0.01 min

Lab File: VX001574.D

Acq: 10 May 2018 00:14

Instrument :

MSVOA_X

ClientSampleId :

VX0509MBL01

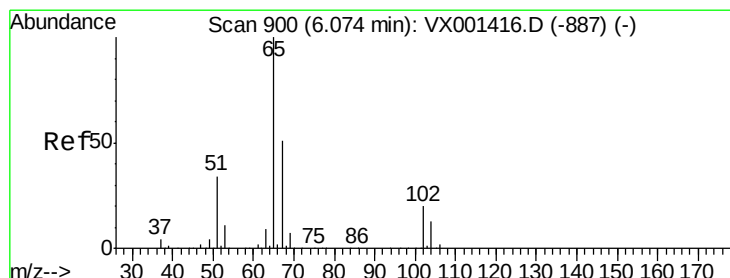
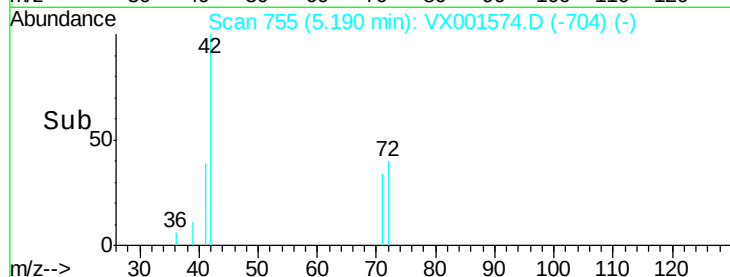
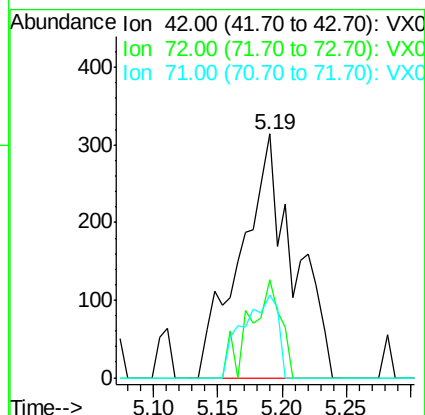
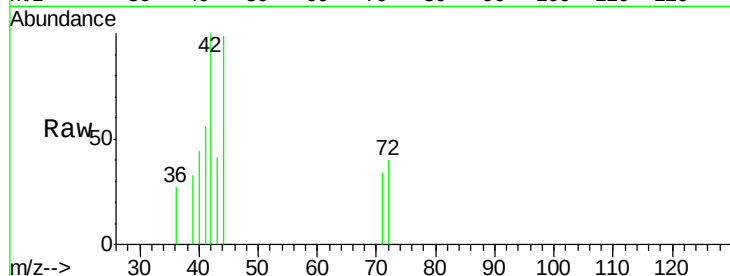
Tgt Ion: 42 Resp: 895

Ion Ratio Lower Upper

42 100

72 23.4 35.4 53.2#

71 22.7 33.0 49.4#



#33

1,2-Dichloroethane-d4

Concen: 54.97 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001574.D

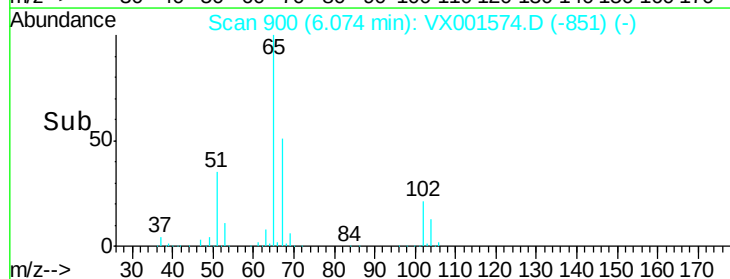
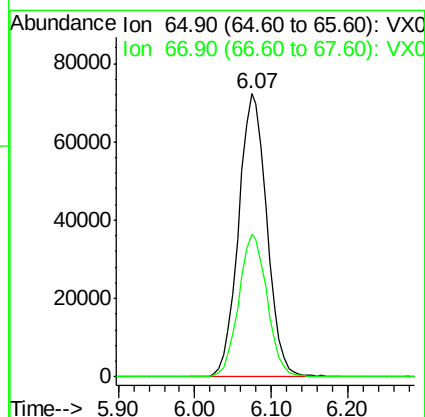
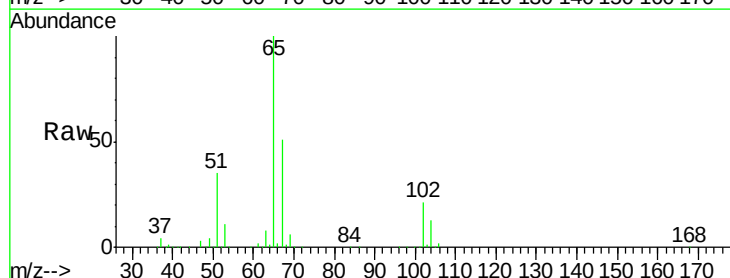
Acq: 10 May 2018 00:14

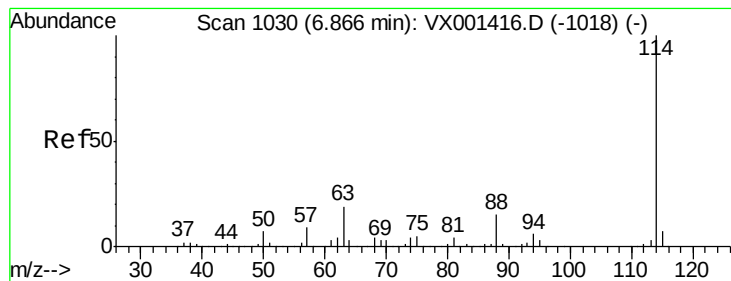
Tgt Ion: 65 Resp: 185300

Ion Ratio Lower Upper

65 100

67 50.5 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: VX001574.D

Acq: 10 May 2018 00:14

Instrument :

MSVOA_X

ClientSampleId :

VX0509MBL01

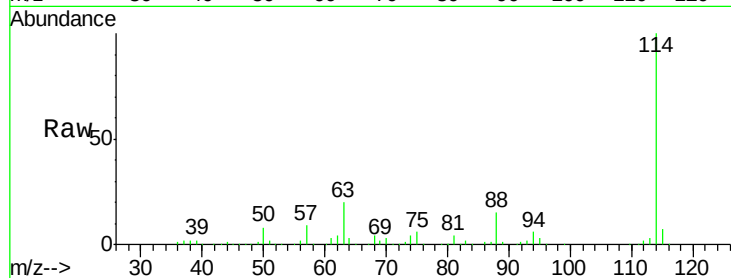
Tgt Ion:114 Resp: 314896

Ion Ratio Lower Upper

114 100

63 20.3 0.0 38.6

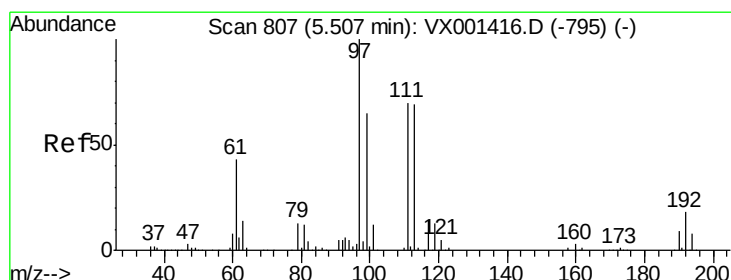
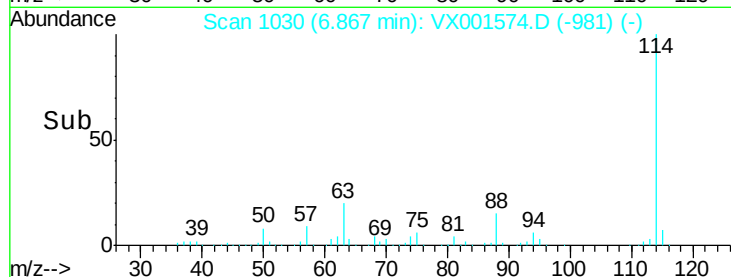
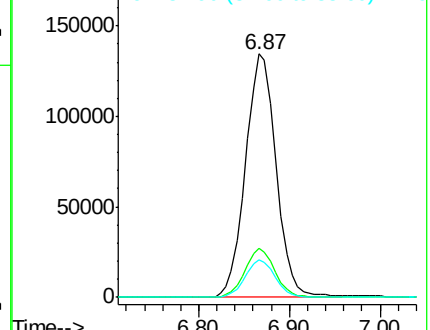
88 15.4 0.0 30.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 52.28 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX001574.D

Acq: 10 May 2018 00:14

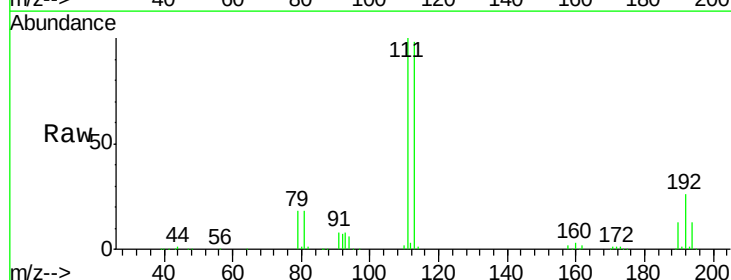
Tgt Ion:113 Resp: 146424

Ion Ratio Lower Upper

113 100

111 102.4 82.2 123.2

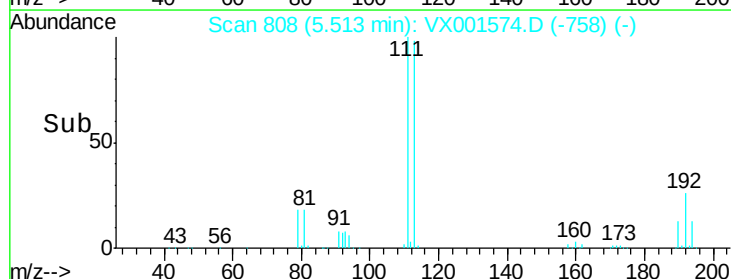
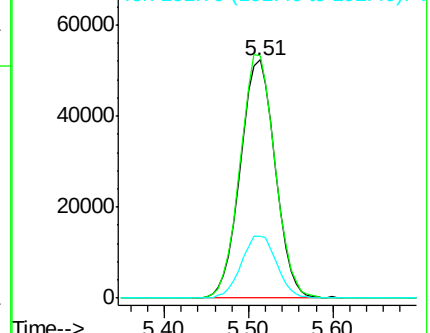
192 26.6 21.4 32.0

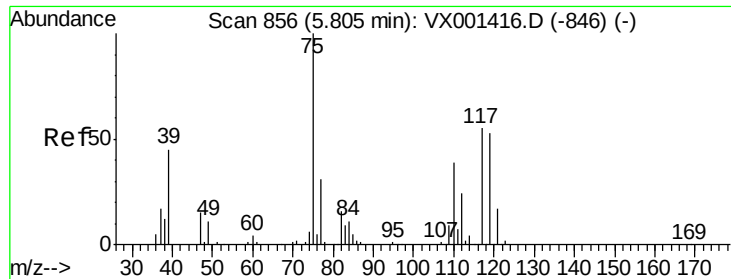


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

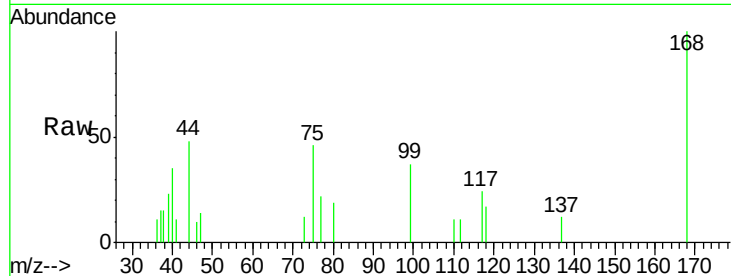




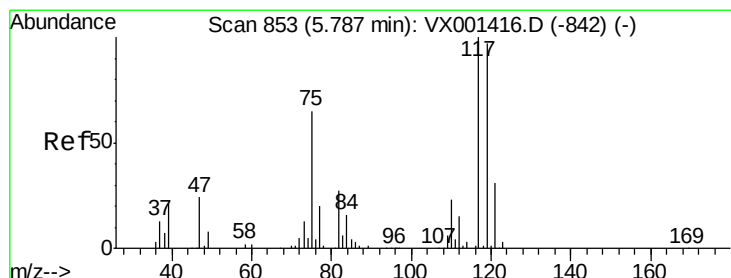
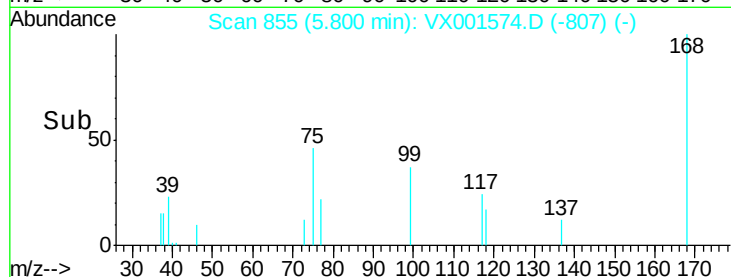
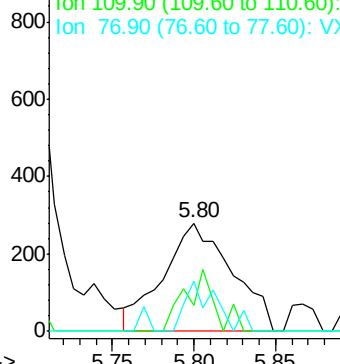
#36
 1,1-Dichloropropene
 Concen: 0.20 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.01 min
 Lab File: VX001574.D
 Acq: 10 May 2018 00:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0509MBL01

Tgt Ion: 75 Resp: 818
 Ion Ratio Lower Upper
 75 100
 110 24.8 18.9 56.7
 77 21.4 24.9 37.3#

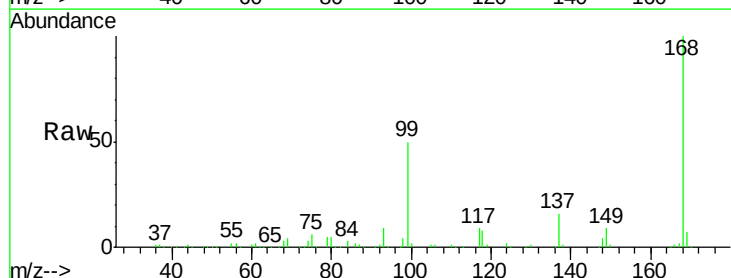


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

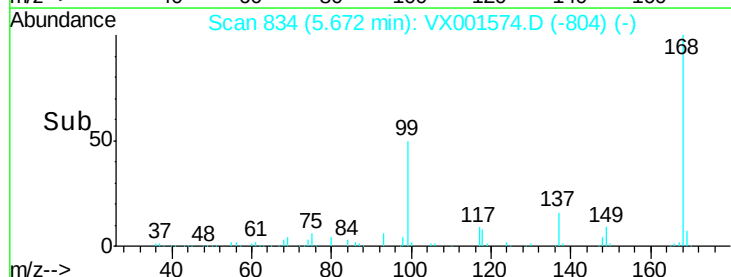
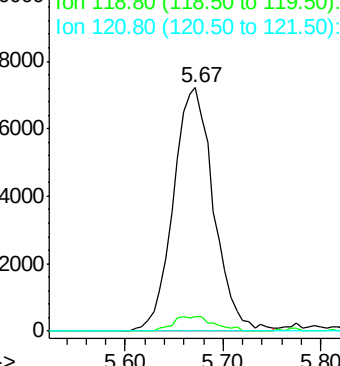


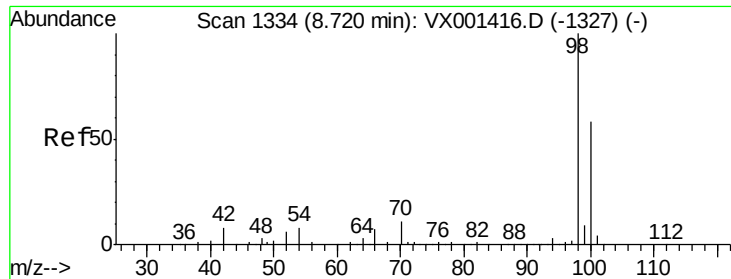
#38
 Carbon Tetrachloride
 Concen: 4.84 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.12 min
 Lab File: VX001574.D
 Acq: 10 May 2018 00:14

Tgt Ion: 117 Resp: 20657
 Ion Ratio Lower Upper
 117 100
 119 6.1 77.0 115.6#
 121 0.0 25.1 37.7#



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

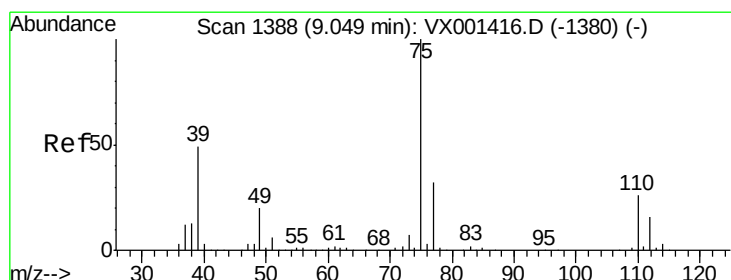
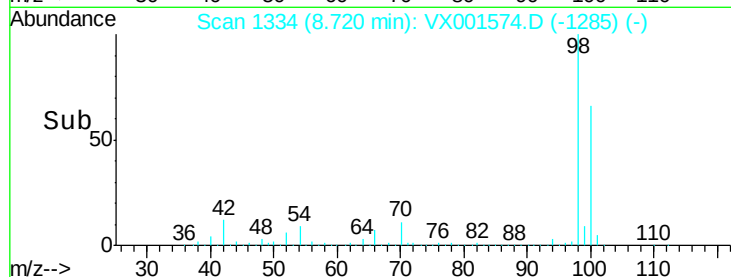
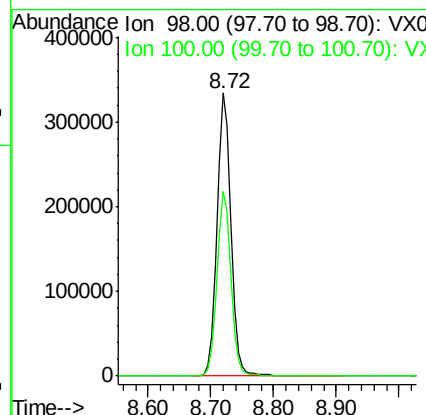
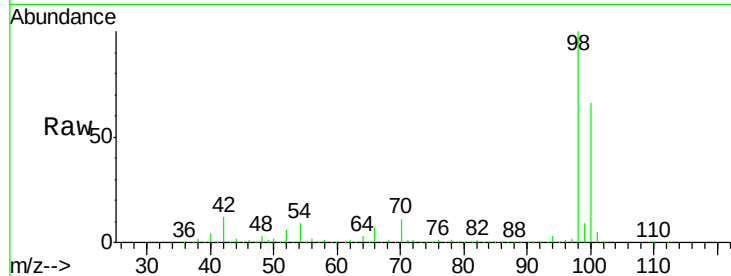




#50
Toluene-d8
Concen: 50.24 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001574.D
Acq: 10 May 2018 00:14

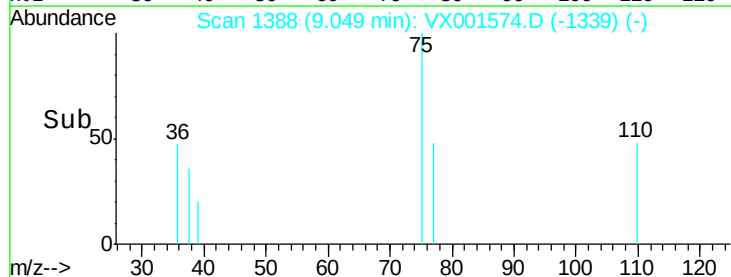
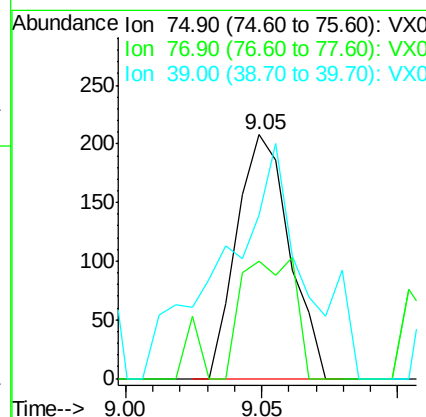
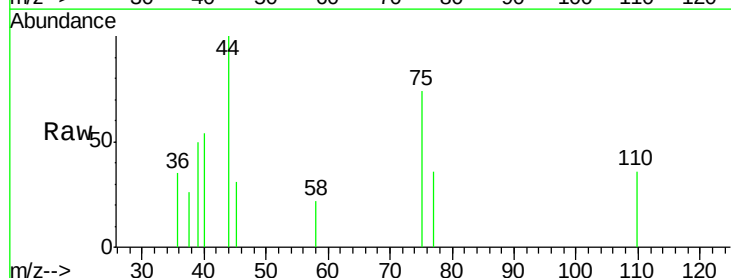
Instrument :
MSVOA_X
ClientSampleId :
VX0509MBL01

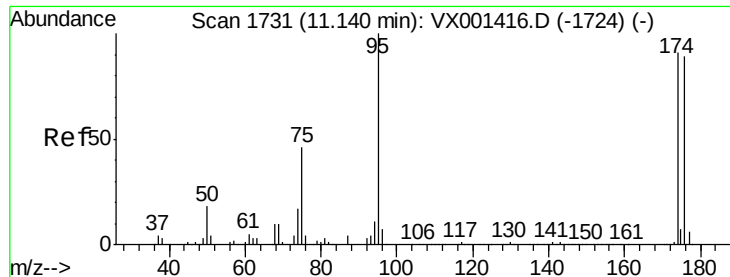
Tgt Ion: 98 Resp: 513690
Ion Ratio Lower Upper
98 100
100 65.8 54.0 81.0



#54
cis-1,3-Dichloropropene
Concen: 2.32 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VX001574.D
Acq: 10 May 2018 00:14

Tgt Ion: 75 Resp: 279
Ion Ratio Lower Upper
75 100
77 48.1 25.5 38.3#
39 37.5 38.9 58.3#





#62

4-Bromofluorobenzene

Concen: 39.08 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001574.D

Acq: 10 May 2018 00:14

Instrument :

MSVOA_X

ClientSampleId :

VX0509MBL01

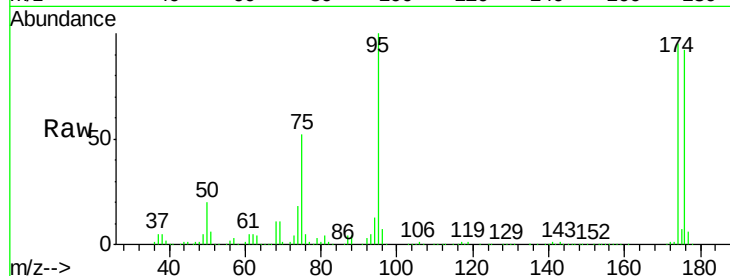
Tgt Ion: 95 Resp: 153391

Ion Ratio Lower Upper

95 100

174 102.5 0.0 202.0

176 100.0 0.0 197.4



Abundance Ion 94.90 (94.60 to 95.60): VX001416.D (-1724) (-)

Ion 173.80 (173.50 to 174.50): VX001416.D (-1724) (-)

Ion 175.80 (175.50 to 176.50): VX001416.D (-1724) (-)

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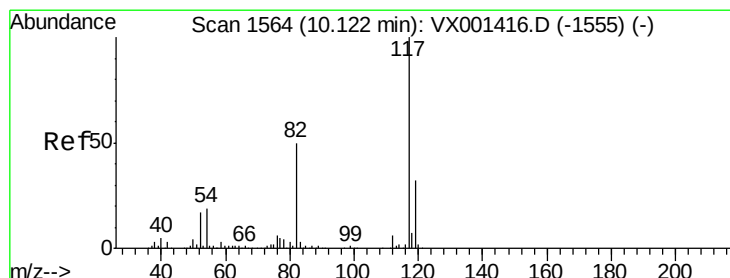
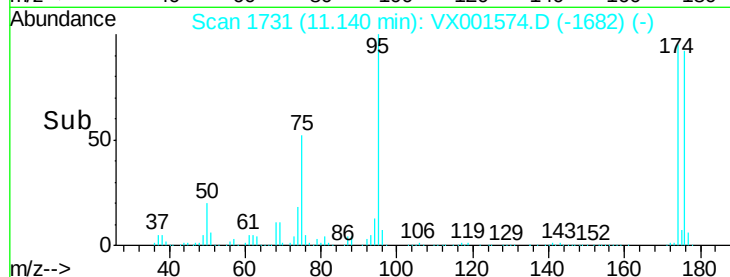
11.14

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11.14



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.01 min

Lab File: VX001574.D

Acq: 10 May 2018 00:14

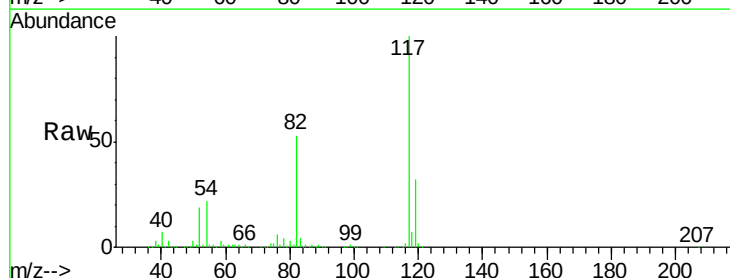
Tgt Ion: 117 Resp: 267003

Ion Ratio Lower Upper

117 100

82 53.2 40.0 60.0

119 31.8 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): VX001416.D (-1555) (-)

Ion 82.00 (81.70 to 82.70): VX001416.D (-1555) (-)

Ion 118.90 (118.60 to 119.60): VX001416.D (-1555) (-)

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