

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX033018\
 Data File : VX000559.D
 Acq On : 30 Mar 2018 14:29
 Operator : JC/MD
 Sample : VX0330MBL01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0330MBL01

Quant Time: Mar 30 15:20:27 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	96566	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	170217	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	167052	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	87703	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.08	65	69319	54.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.98%	
35) Dibromofluoromethane	5.52	113	52935	49.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.72%	
50) Toluene-d8	8.73	98	216694	48.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.56%	
62) 4-Bromofluorobenzene	11.15	95	73308	40.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.82%	

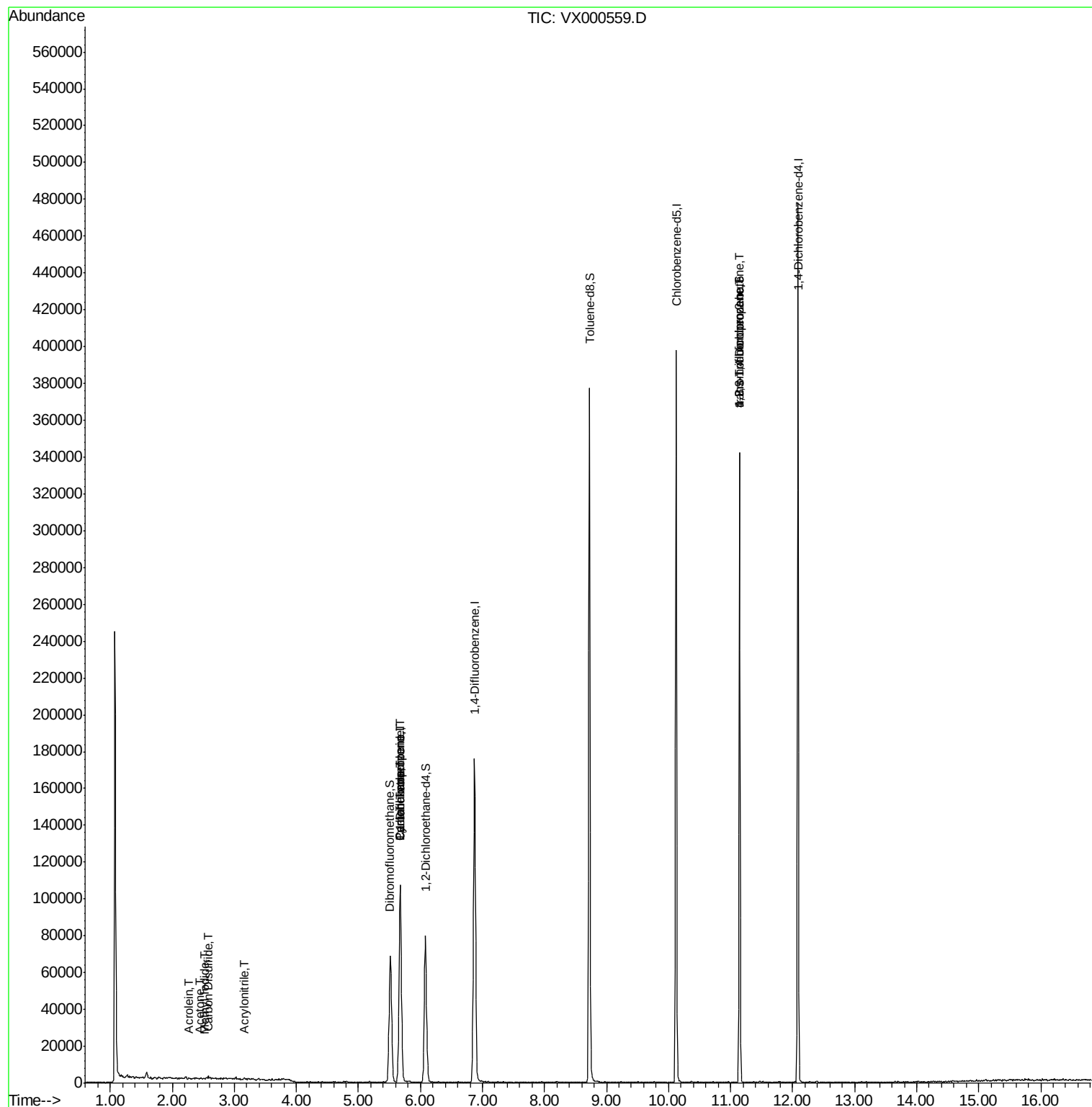
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.75	64	48	Below Cal	#	44
10) Methyl Iodide	2.52	142	22	4.29	ug/l #	37
13) Acrolein	2.27	56	25	14.75	ug/l	88
15) Acrylonitrile	3.16	53	188	0.21	ug/l #	81
16) Acetone	2.45	43	231	0.22	ug/l #	44
17) Carbon Disulfide	2.58	76	586	0.23	ug/l #	36
31) Cyclohexane	5.67	56	2543	1.60	ug/l #	24
36) 1,1-Dichloropropene	5.68	75	8057	5.05	ug/l #	46
38) Carbon Tetrachloride	5.67	117	9834	5.88	ug/l #	15
74) N-amyl acetate	6.66	43	20	Below Cal	#	59
76) 1,2,3-Trichloropropane	11.15	75	42947	22.79	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.15	75	42947	73.77	ug/l #	9

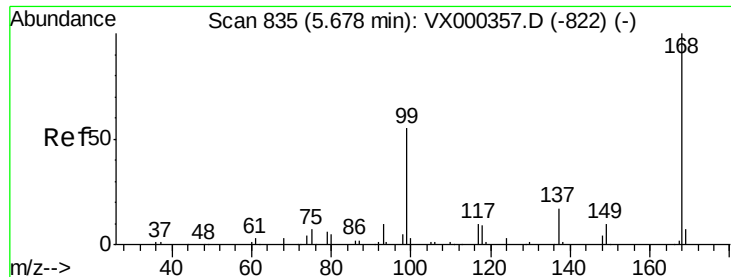
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX033018\
Data File : VX000559.D
Acq On : 30 Mar 2018 14:29
Operator : JC/MD
Sample : VX0330MBL01
Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0330MBL01

Quant Time: Mar 30 15:20:27 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 21 04:52:42 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000559.D

Acq: 30 Mar 2018 14:29

Instrument :

MSVOA_X

ClientSampleId :

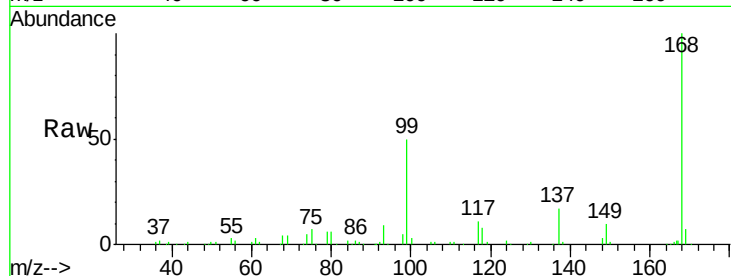
VX0330MBL01

Tgt Ion: 168 Resp: 96566

Ion Ratio Lower Upper

168 100

99 50.1 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

40000

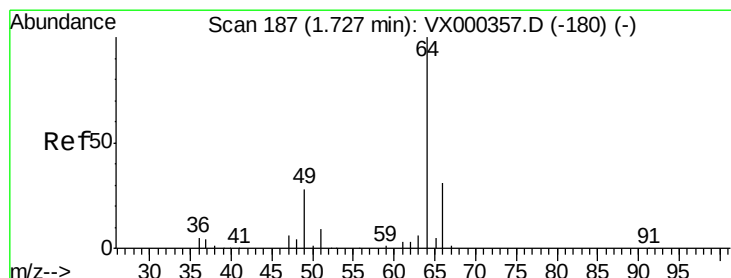
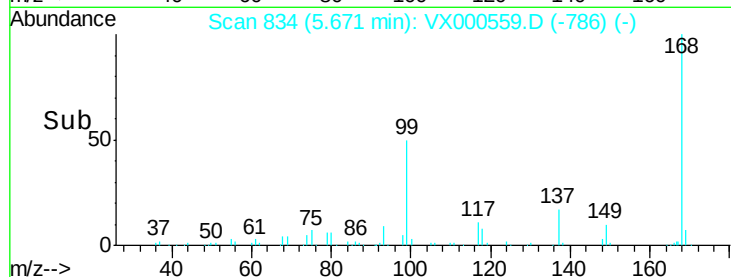
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#6

Chloroethane

Concen: Below Cal

RT: 1.75 min Scan# 190

Delta R.T. 0.02 min

Lab File: VX000559.D

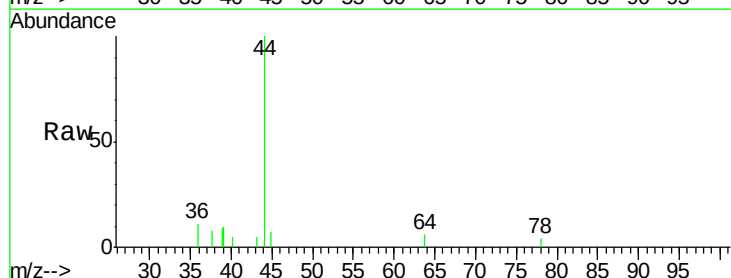
Acq: 30 Mar 2018 14:29

Tgt Ion: 64 Resp: 48

Ion Ratio Lower Upper

64 100

66 0.0 24.8 37.2#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.75

80

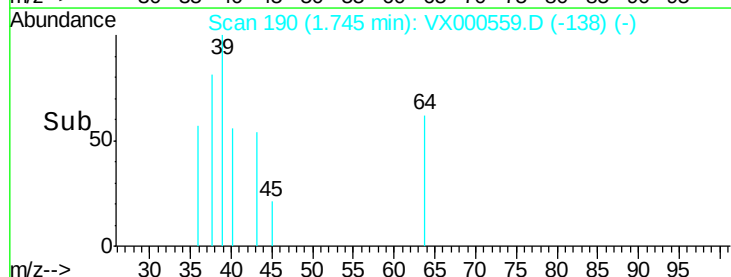
60

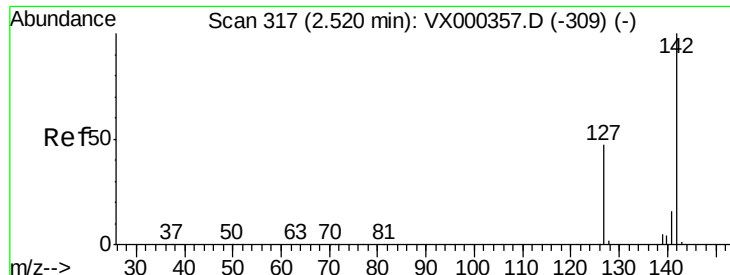
40

20

0

Time--> 1.72 1.74 1.76

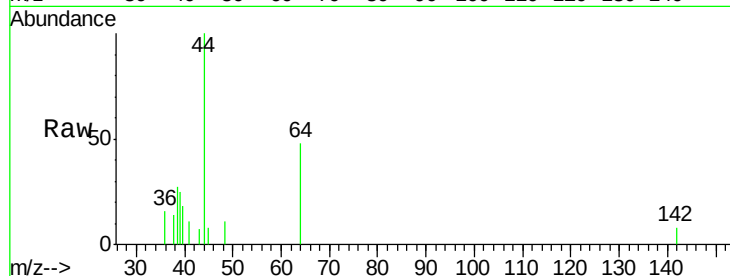




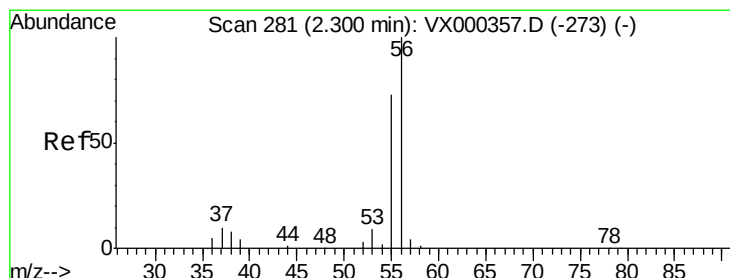
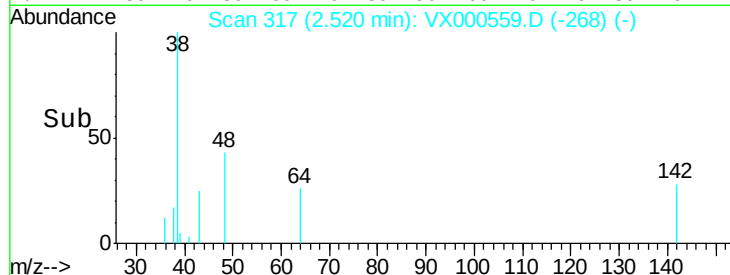
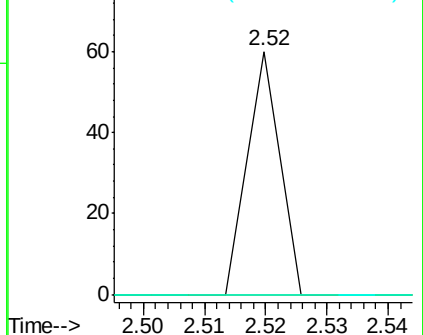
#10
Methyl Iodide
Concen: 4.29 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.00 min
Lab File: VX000559.D
Acq: 30 Mar 2018 14:29

Instrument :
MSVOA_X
ClientSampleId :
VX0330MBL01

Tgt Ion: 142 Resp: 22
Ion Ratio Lower Upper
142 100
127 0.0 39.2 58.8#
141 0.0 11.7 17.5#

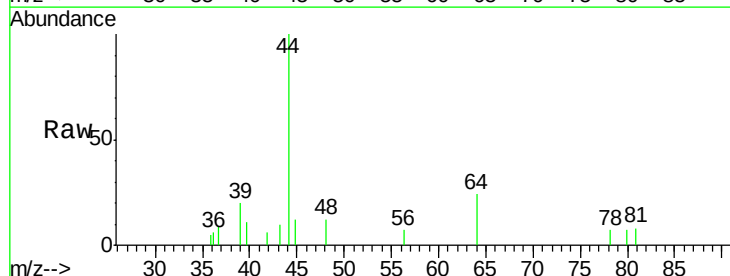


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

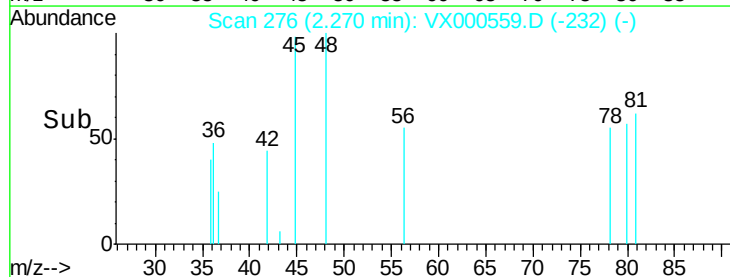
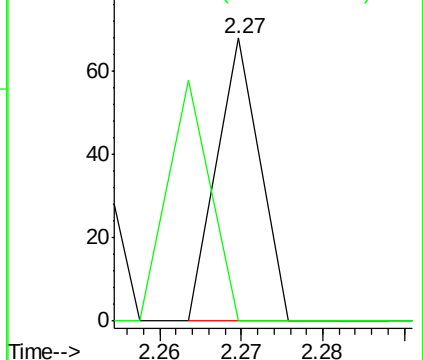


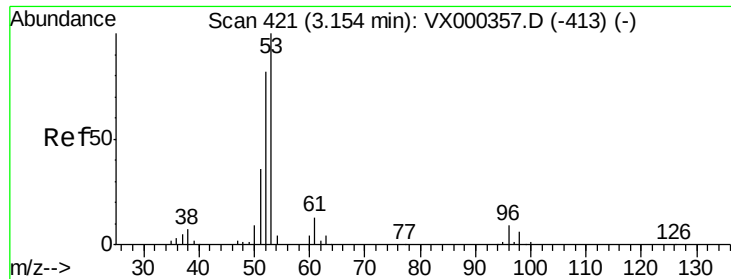
#13
Acrolein
Concen: 14.75 ug/l
RT: 2.27 min Scan# 276
Delta R.T. -0.03 min
Lab File: VX000559.D
Acq: 30 Mar 2018 14:29

Tgt Ion: 56 Resp: 25
Ion Ratio Lower Upper
56 100
55 84.0 58.8 88.2



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 55.00 (54.70 to 55.70): VX0





#15

Acrylonitrile

Concen: 0.21 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.01 min

Lab File: VX000559.D

Acq: 30 Mar 2018 14:29

Instrument :

MSVOA_X

ClientSampleId :

VX0330MBL01

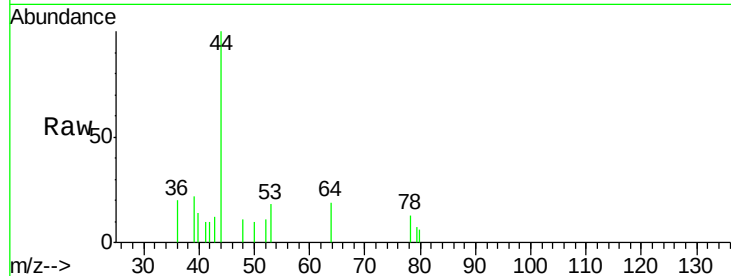
Tgt Ion: 53 Resp: 188

Ion Ratio Lower Upper

53 100

52 60.6 66.6 99.8#

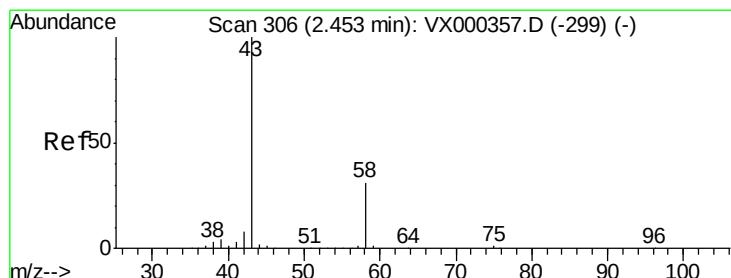
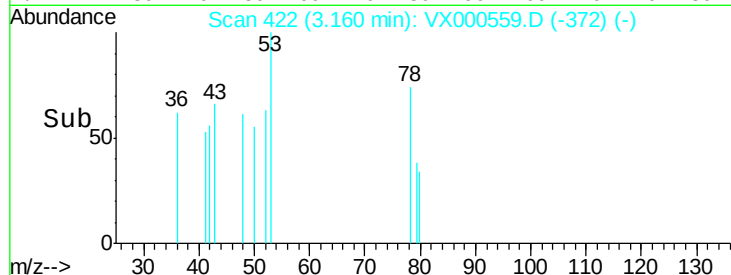
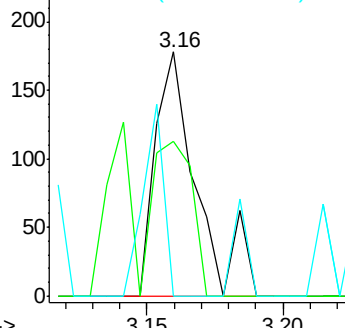
51 38.8 29.3 43.9



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 0.22 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX000559.D

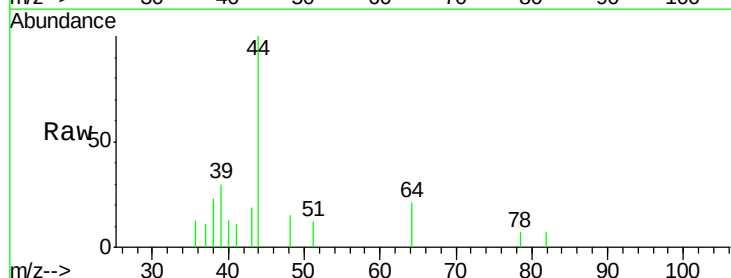
Acq: 30 Mar 2018 14:29

Tgt Ion: 43 Resp: 231

Ion Ratio Lower Upper

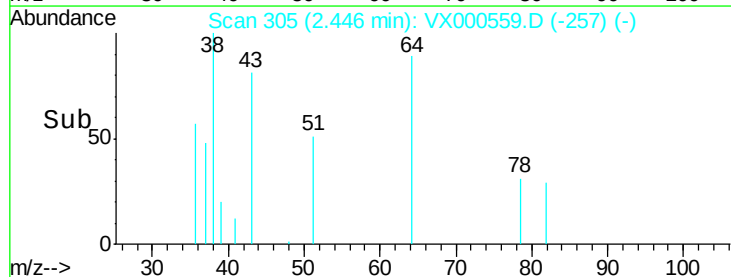
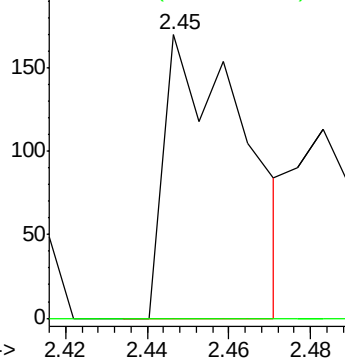
43 100

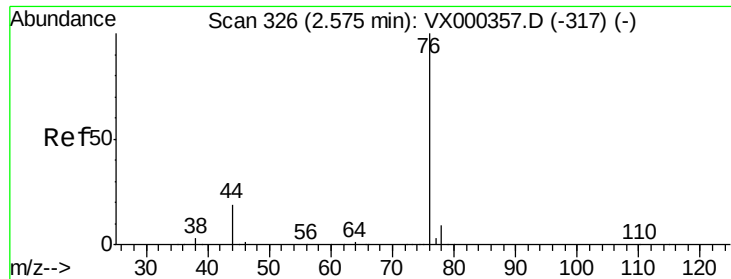
58 0.0 24.7 37.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 0.23 ug/l

RT: 2.58 min Scan# 327

Delta R.T. 0.01 min

Lab File: VX000559.D

Acq: 30 Mar 2018 14:29

Instrument :

MSVOA_X

ClientSampleId :

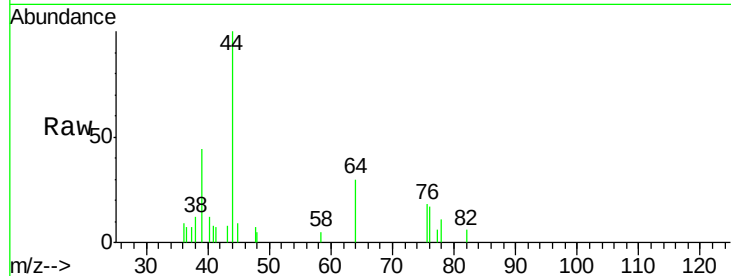
VX0330MBL01

Tgt Ion: 76 Resp: 586

Ion Ratio Lower Upper

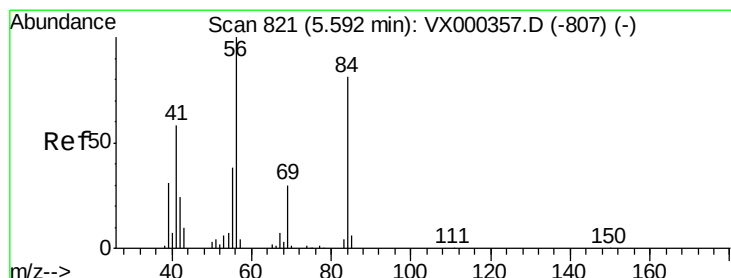
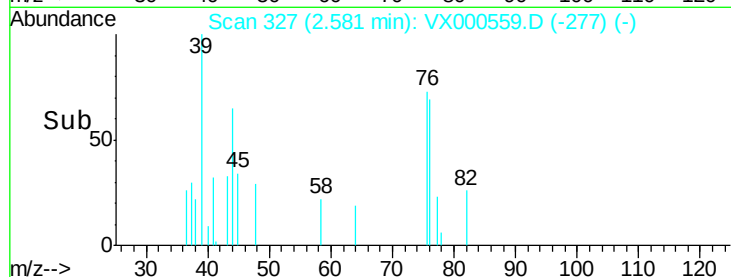
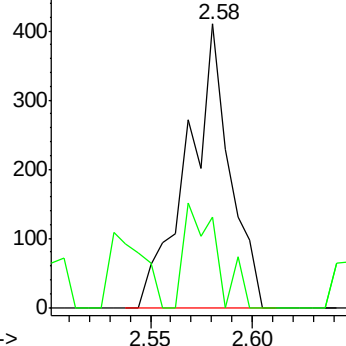
76 100

78 32.0 7.0 10.6#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#31

Cyclohexane

Concen: 1.60 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.08 min

Lab File: VX000559.D

Acq: 30 Mar 2018 14:29

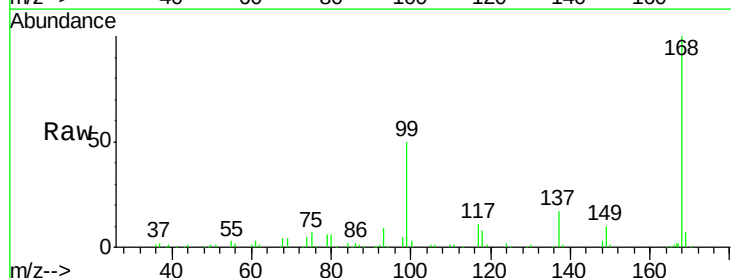
Tgt Ion: 56 Resp: 2543

Ion Ratio Lower Upper

56 100

69 167.7 23.4 35.0#

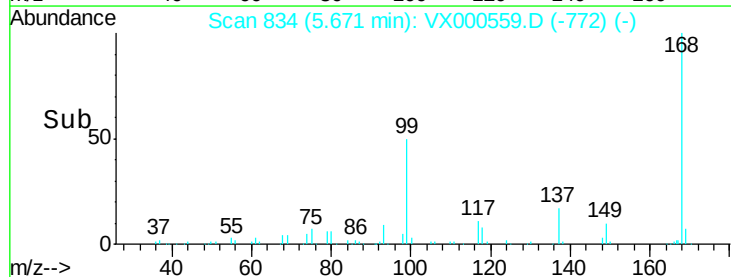
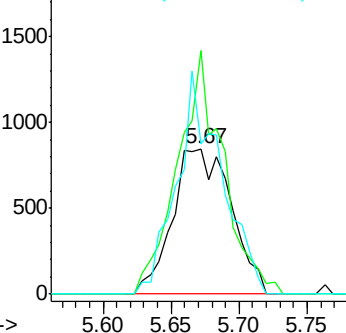
84 103.4 71.0 106.4

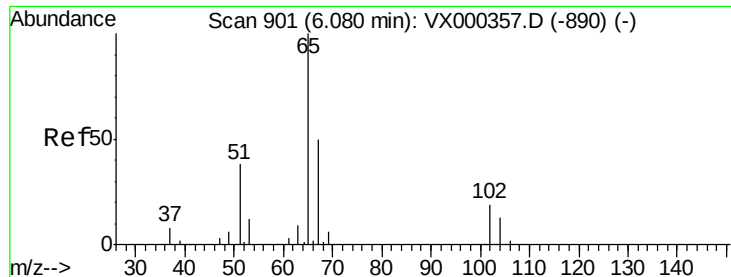


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 54.99 ug/l

RT: 6.08 min Scan# 901

Delta R.T. -0.00 min

Lab File: VX000559.D

Acq: 30 Mar 2018 14:29

Instrument :

MSVOA_X

ClientSampleId :

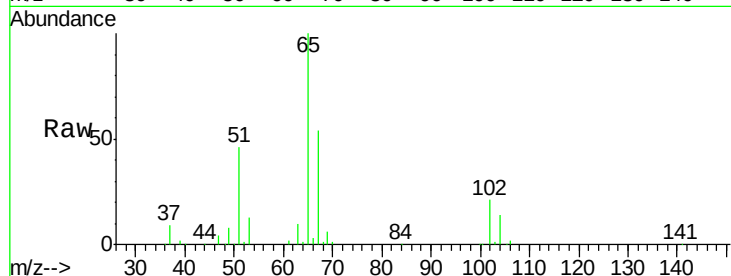
VX0330MBL01

Tgt Ion: 65 Resp: 69319

Ion Ratio Lower Upper

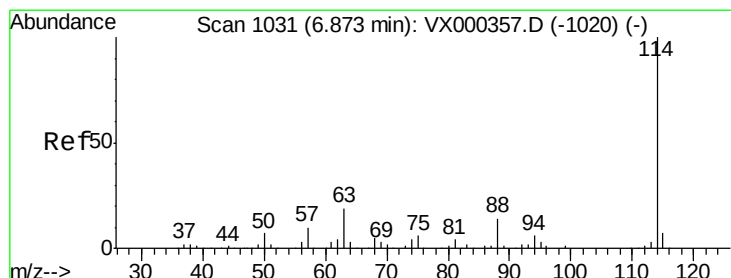
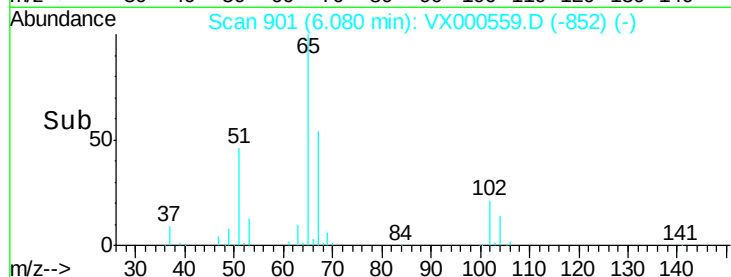
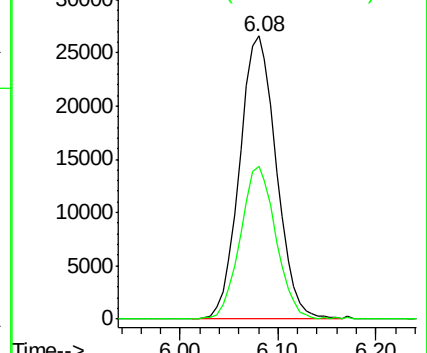
65 100

67 52.2 0.0 103.2



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# 1031

Delta R.T. -0.00 min

Lab File: VX000559.D

Acq: 30 Mar 2018 14:29

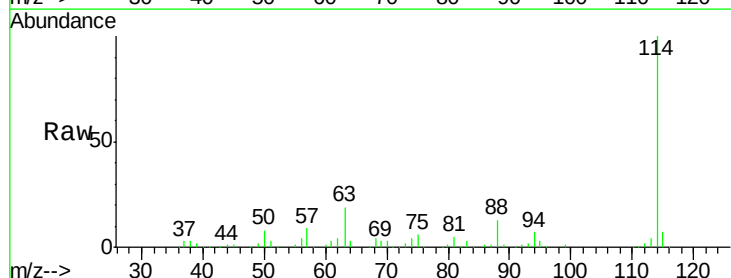
Tgt Ion: 114 Resp: 170217

Ion Ratio Lower Upper

114 100

63 18.7 0.0 38.4

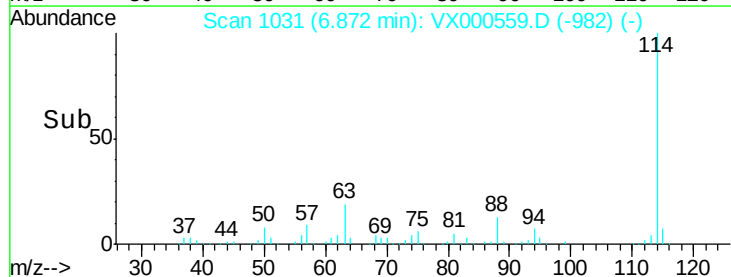
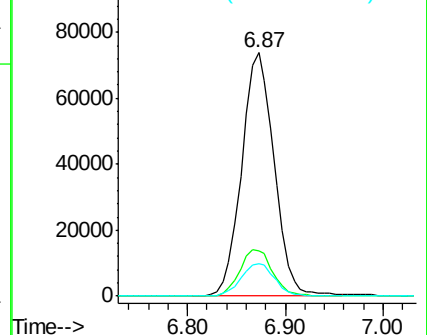
88 13.1 0.0 27.0

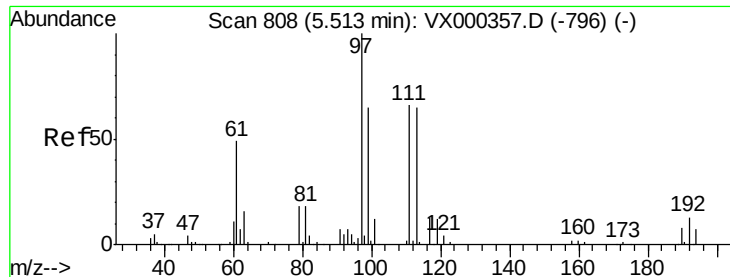


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

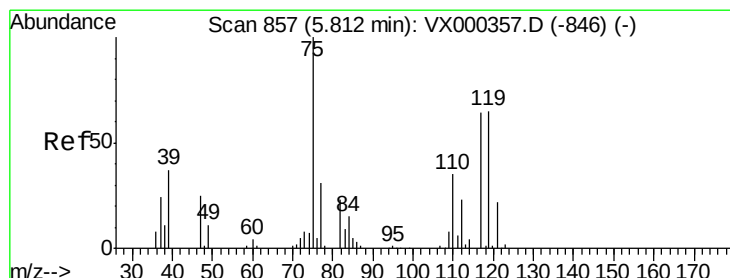
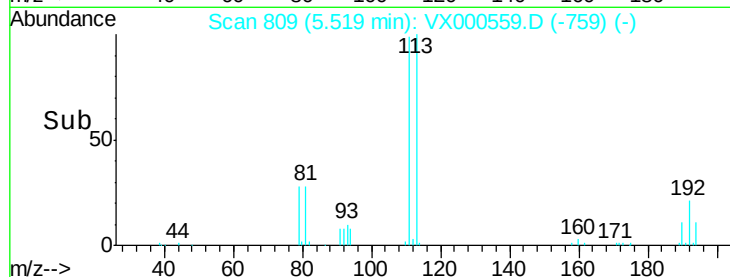
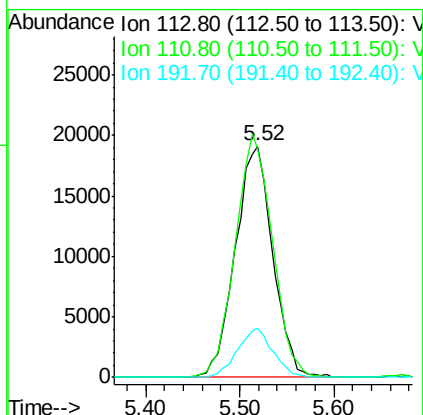
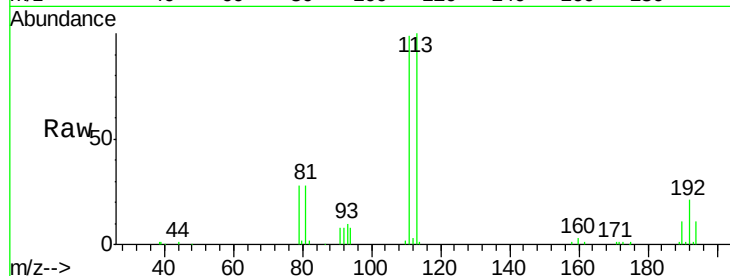




#35
 Dibromofluoromethane
 Concen: 49.36 ug/l
 RT: 5.52 min Scan# 809
 Delta R.T. 0.01 min
 Lab File: VX000559.D
 Acq: 30 Mar 2018 14:29

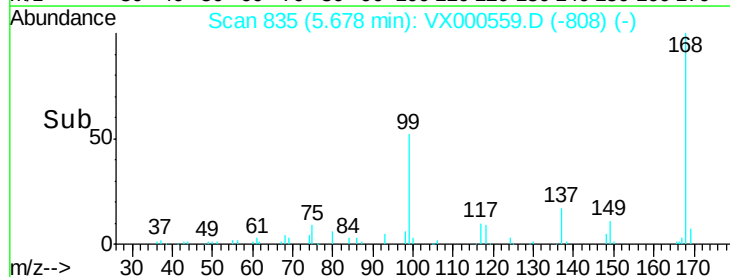
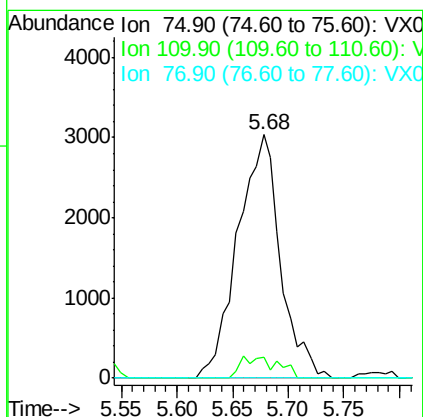
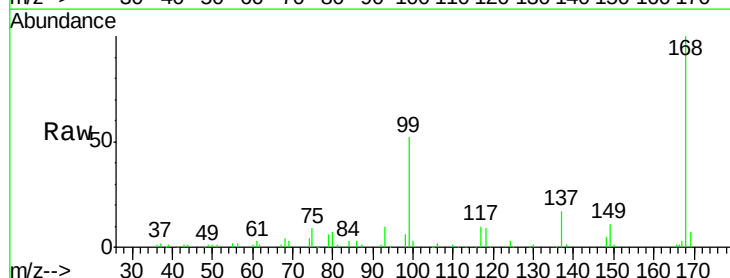
Instrument :
 MSVOA_X
 ClientSampled :
 VX0330MBL01

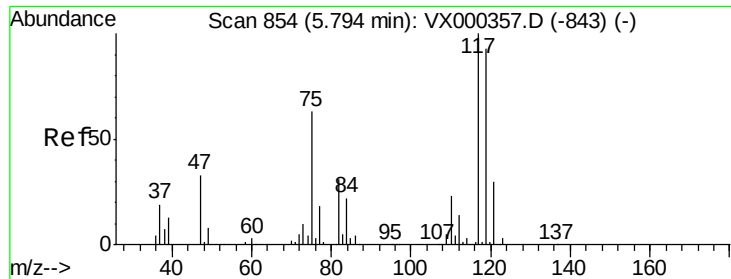
Tgt Ion:113 Resp: 52935
 Ion Ratio Lower Upper
 113 100
 111 104.8 82.4 123.6
 192 19.9 15.8 23.6



#36
 1,1-Dichloropropene
 Concen: 5.05 ug/l
 RT: 5.68 min Scan# 835
 Delta R.T. -0.13 min
 Lab File: VX000559.D
 Acq: 30 Mar 2018 14:29

Tgt Ion: 75 Resp: 8057
 Ion Ratio Lower Upper
 75 100
 110 5.2 17.9 53.7#
 77 0.0 24.0 36.0#





#38

Carbon Tetrachloride

Concen: 5.88 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.12 min

Lab File: VX000559.D

Acq: 30 Mar 2018 14:29

Instrument :

MSVOA_X

ClientSampled :

VX0330MBL01

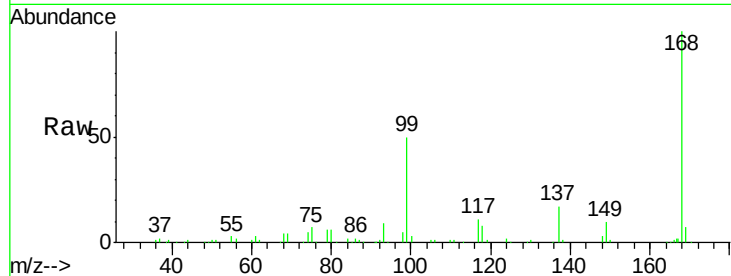
Tgt Ion:117 Resp: 9834

Ion Ratio Lower Upper

117 100

119 5.0 77.4 116.2#

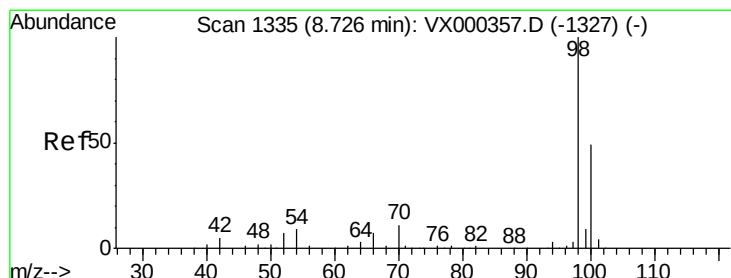
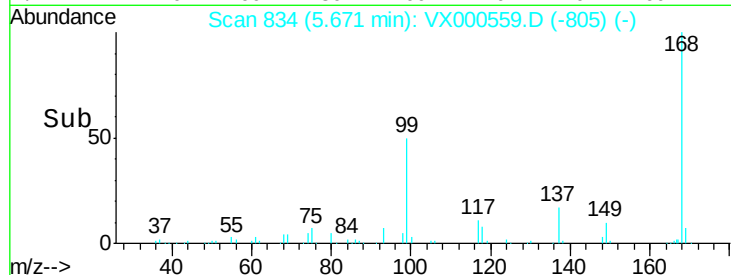
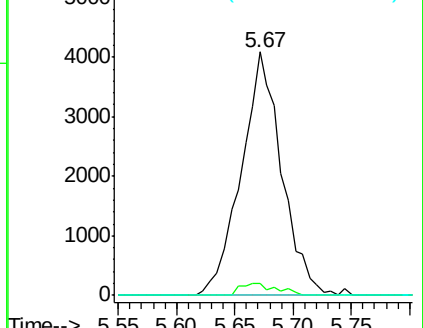
121 0.0 24.8 37.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 48.78 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VX000559.D

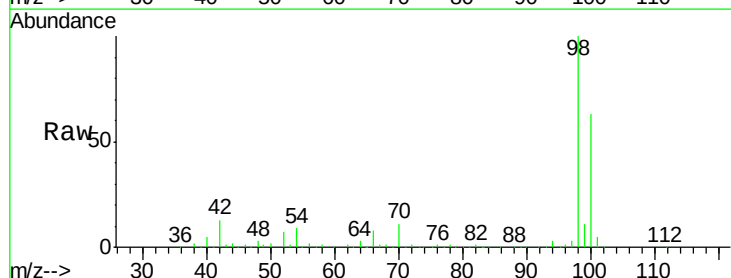
Acq: 30 Mar 2018 14:29

Tgt Ion: 98 Resp: 216694

Ion Ratio Lower Upper

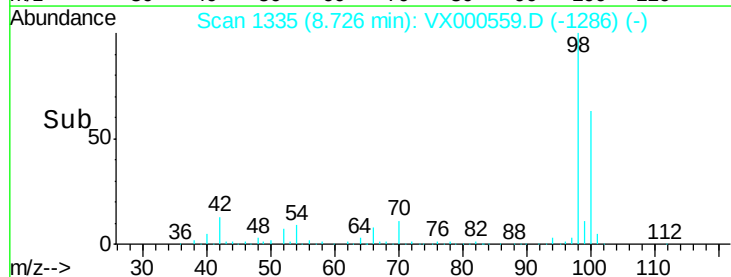
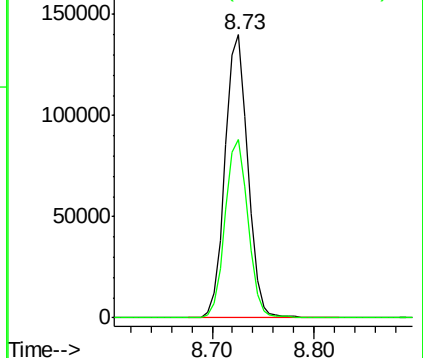
98 100

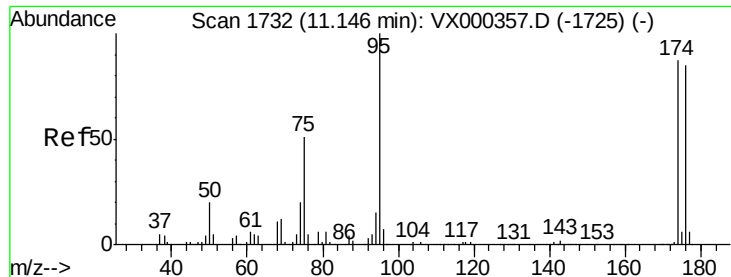
100 63.2 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 40.41 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000559.D

Acq: 30 Mar 2018 14:29

Instrument :

MSVOA_X

ClientSampleId :

VX0330MBL01

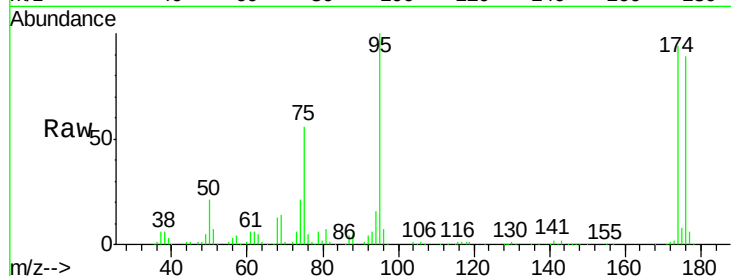
Tgt Ion: 95 Resp: 73308

Ion Ratio Lower Upper

95 100

174 92.6 0.0 173.6

176 89.9 0.0 164.6

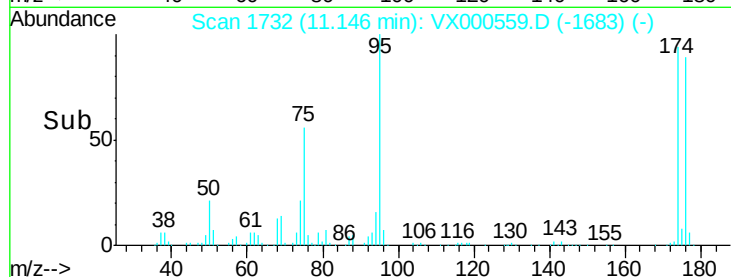


Abundance Ion 94.90 (94.60 to 95.60): VX000357.D (-1725) (-)

Ion 173.80 (173.50 to 174.50): VX000357.D (-1725) (-)

Ion 175.80 (175.50 to 176.50): VX000357.D (-1725) (-)

Time-->

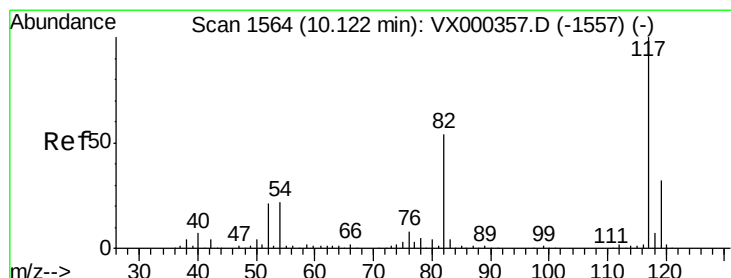


Abundance Ion 94.90 (94.60 to 95.60): VX000559.D (-1683) (-)

Ion 173.80 (173.50 to 174.50): VX000559.D (-1683) (-)

Ion 175.80 (175.50 to 176.50): VX000559.D (-1683) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VX000559.D

Acq: 30 Mar 2018 14:29

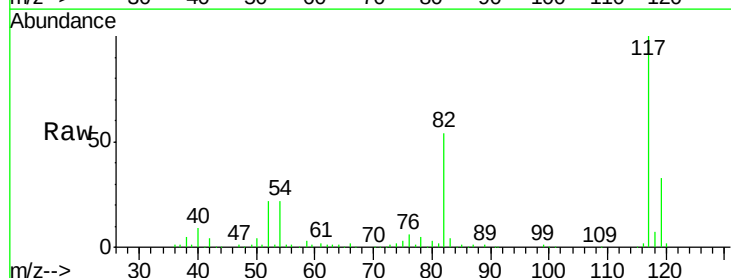
Tgt Ion: 117 Resp: 167052

Ion Ratio Lower Upper

117 100

82 54.3 43.8 65.8

119 32.6 24.9 37.3

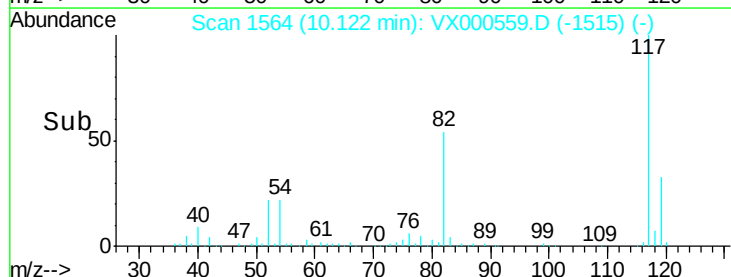


Abundance Ion 116.90 (116.60 to 117.60): VX000357.D (-1557) (-)

Ion 82.00 (81.70 to 82.70): VX000357.D (-1557) (-)

Ion 118.90 (118.60 to 119.60): VX000357.D (-1557) (-)

Time-->

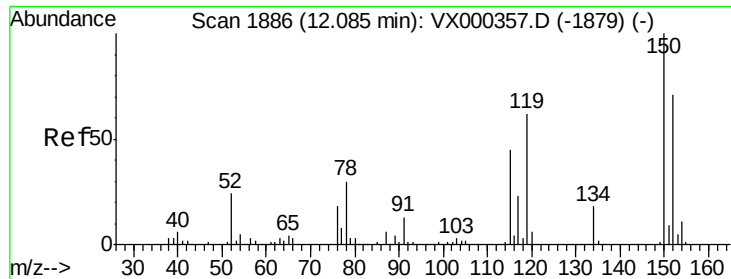


Abundance Ion 116.90 (116.60 to 117.60): VX000559.D (-1515) (-)

Ion 82.00 (81.70 to 82.70): VX000559.D (-1515) (-)

Ion 118.90 (118.60 to 119.60): VX000559.D (-1515) (-)

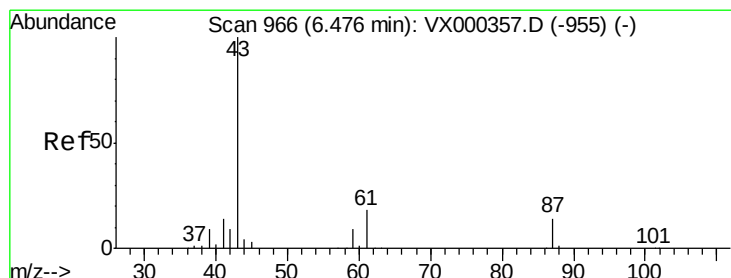
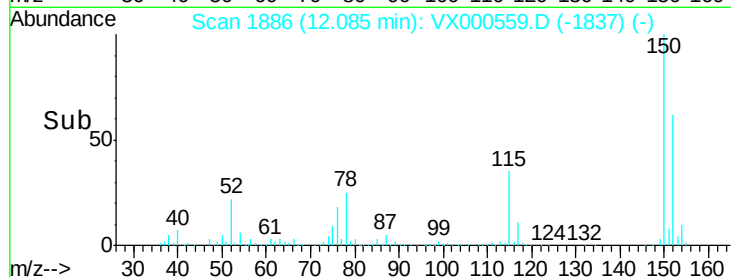
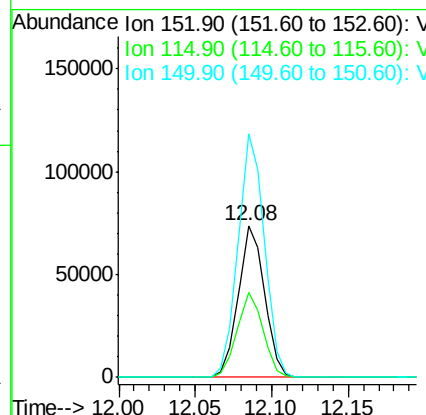
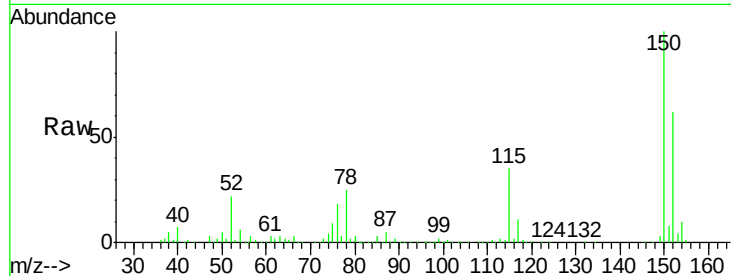
Time-->



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.08 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX000559.D
 Acq: 30 Mar 2018 14:29

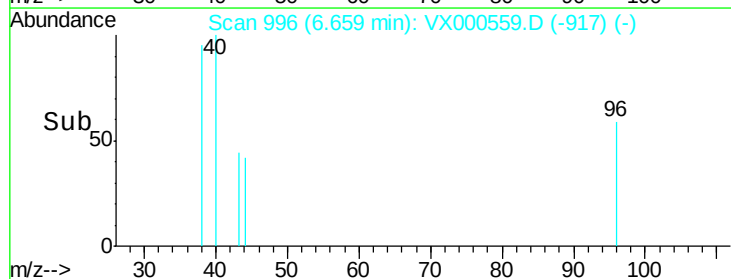
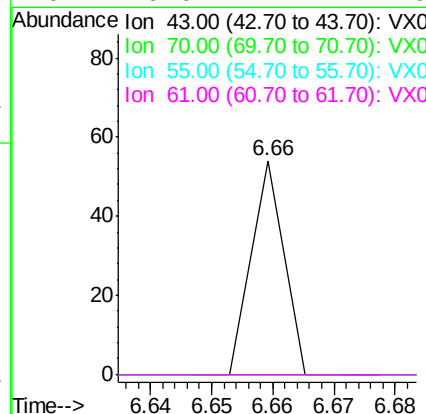
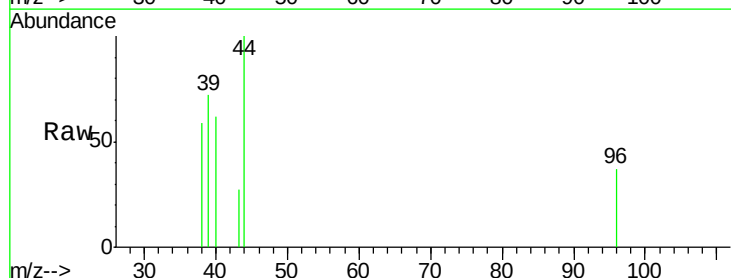
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0330MBL01

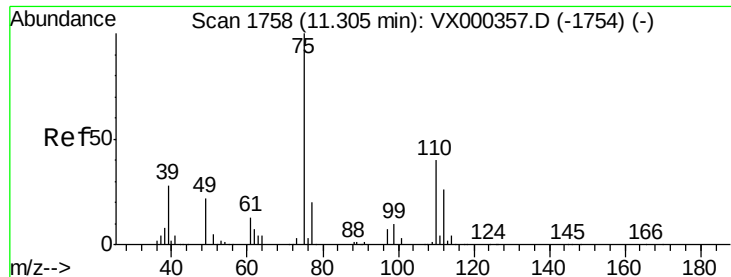
Tgt Ion: 152 Resp: 87703
 Ion Ratio Lower Upper
 152 100
 115 55.2 39.8 119.3
 150 161.0 0.0 344.4



#74
 N-amyl acetate
 Concen: Below Cal
 RT: 6.66 min Scan# 996
 Delta R.T. 0.18 min
 Lab File: VX000559.D
 Acq: 30 Mar 2018 14:29

Tgt Ion: 43 Resp: 20
 Ion Ratio Lower Upper
 43 100
 70 0.0 0.0 0.0
 55 0.0 0.0 0.0
 61 0.0 14.4 21.6#





#76

1,2,3-Trichloropropane

Concen: 22.79 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.16 min

Lab File: VX000559.D

Acq: 30 Mar 2018 14:29

Instrument :

MSVOA_X

ClientSampleId :

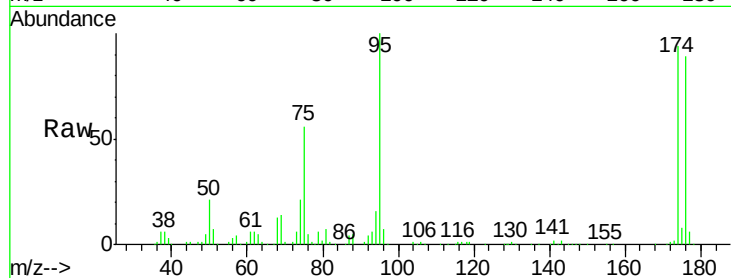
VX0330MBL01

Tgt Ion: 75 Resp: 42947

Ion Ratio Lower Upper

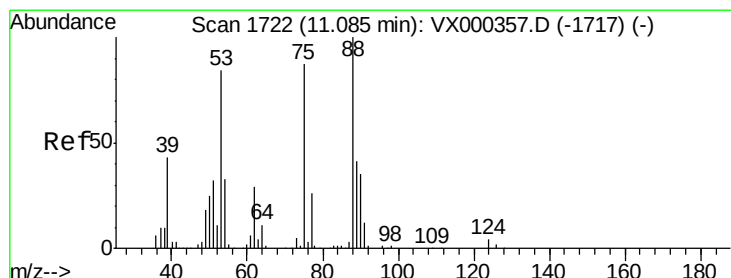
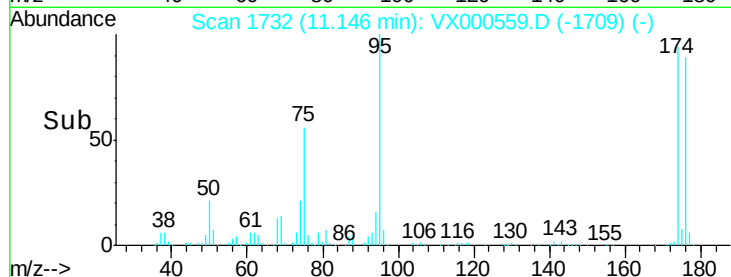
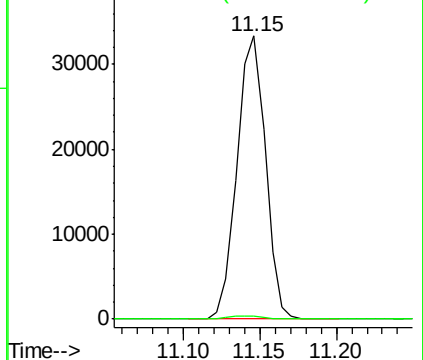
75 100

77 1.2 21.4 64.2#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#81

trans-1,4-Dichloro-2-butene

Concen: 73.77 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.06 min

Lab File: VX000559.D

Acq: 30 Mar 2018 14:29

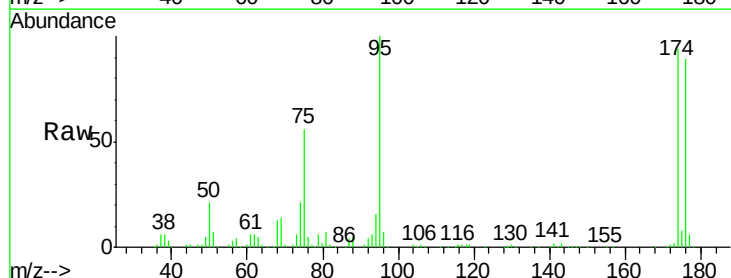
Tgt Ion: 75 Resp: 42947

Ion Ratio Lower Upper

75 100

53 0.0 80.7 121.1#

89 0.0 39.4 59.0#



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

