

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111618\
 Data File : VX006038.D
 Acq On : 16 Nov 2018 10:00
 Operator : JC/MD
 Sample : VX1116MBL01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1116MBL01

Quant Time: Nov 17 00:40:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

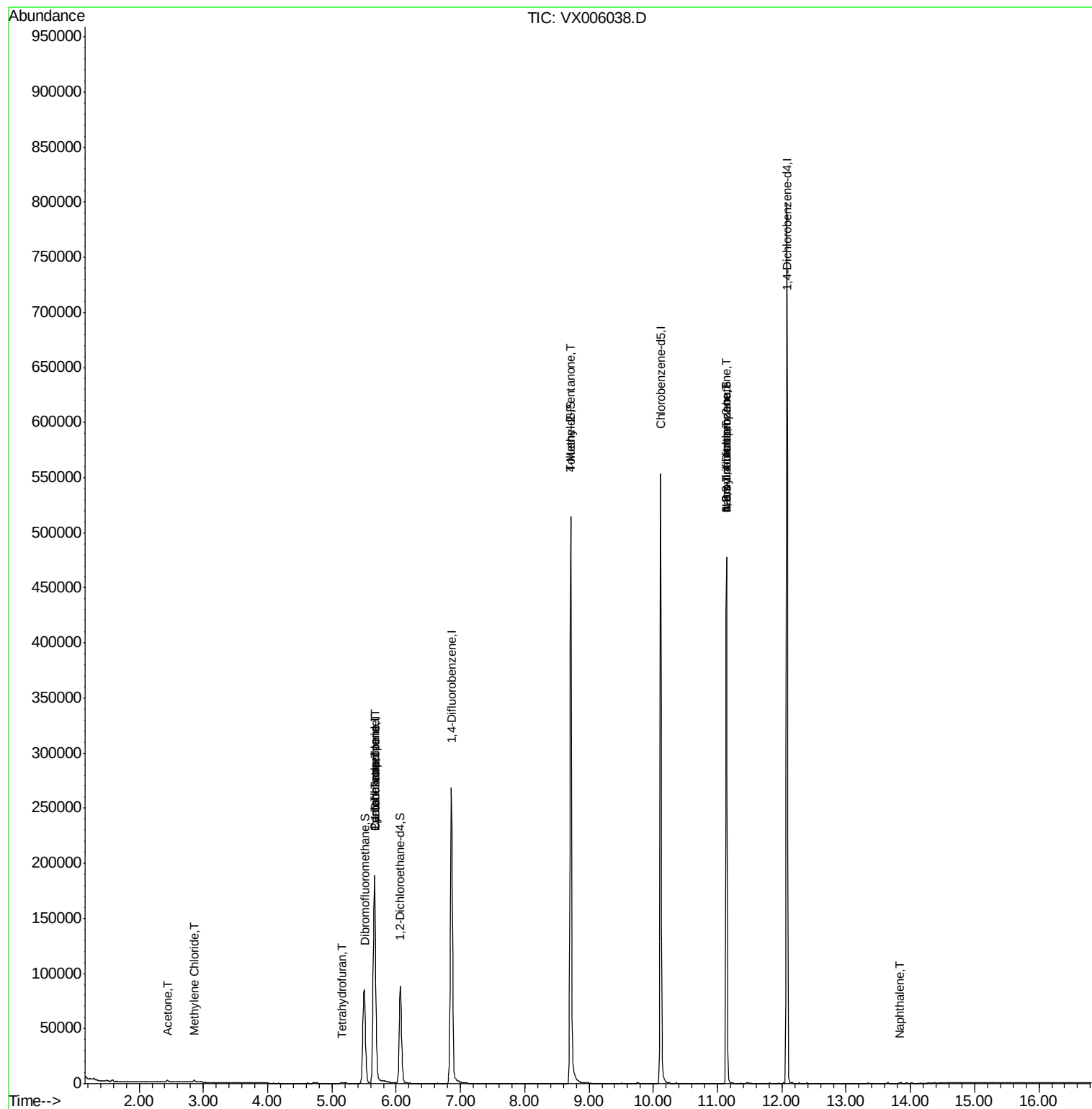
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	189081	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	277641	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	283990	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	169288	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	83194	38.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.54%	
35) Dibromofluoromethane	5.50	113	75135	39.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.58%	
50) Toluene-d8	8.71	98	330698	52.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.36%	
62) 4-Bromofluorobenzene	11.14	95	122598	54.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.62%	
Target Compounds						
16) Acetone	2.44	43	1684	1.439	ug/l	90
18) Methyl Acetate	2.78	43	243	Below Cal	#	55
20) Methylene Chloride	2.86	84	742	0.386	ug/l	93
29) Tetrahydrofuran	5.17	42	438	0.371	ug/l #	69
31) Cyclohexane	5.66	56	3150	1.040	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	13074	4.885	ug/l #	49
38) Carbon Tetrachloride	5.66	117	16933	6.319	ug/l #	15
51) 4-Methyl-2-Pentanone	8.71	43	1369	0.426	ug/l #	1
74) N-amyl acetate	11.14	43	19	1.254	ug/l #	1
76) 1,2,3-Trichloropropane	11.14	75	60401	17.522	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.14	75	60401	55.847	ug/l #	9
84) 1,2,4-Trimethylbenzene	11.81	105	228	Below Cal		74
95) Naphthalene	13.83	128	367	1.207	ug/l #	69

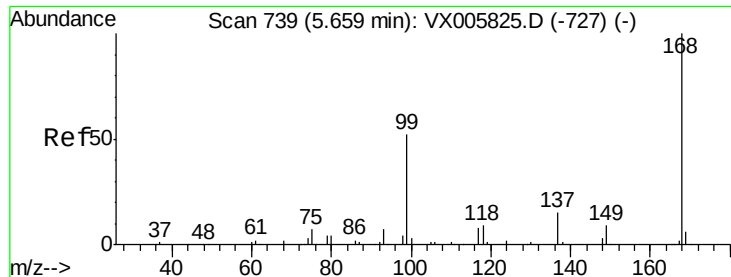
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX111618\
Data File : VX006038.D
Acq On : 16 Nov 2018 10:00
Operator : JC/MD
Sample : VX1116MBL01
Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampled :
VX1116MBL01

Quant Time: Nov 17 00:40:04 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 07 14:40:53 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006038.D

Acq: 16 Nov 2018 10:00

Instrument :

MSVOA_X

ClientSampleId :

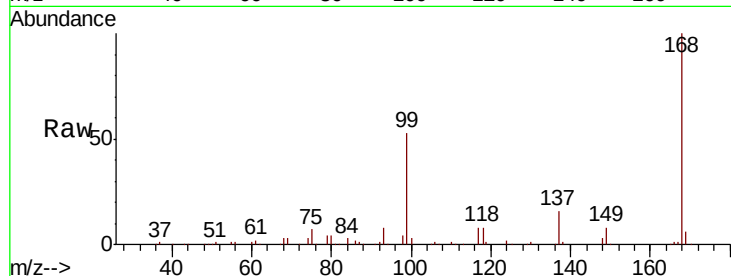
VX1116MBL01

Tot Ion:168 Resp: 189081

Ion Ratio Lower Upper

168 100

99 52.5 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

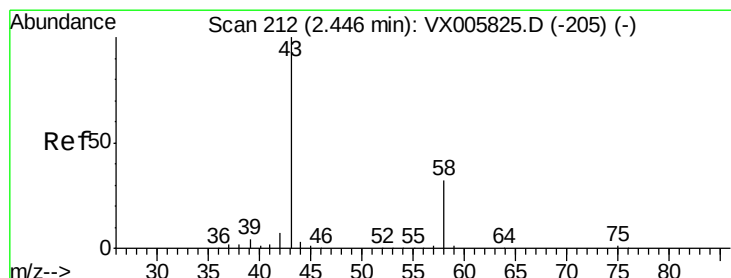
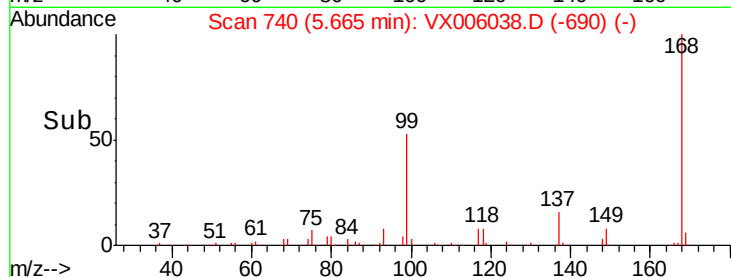
40000

20000

0

Time-->

5.60 5.70 5.80



#16

Acetone

Concen: 1.439 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX006038.D

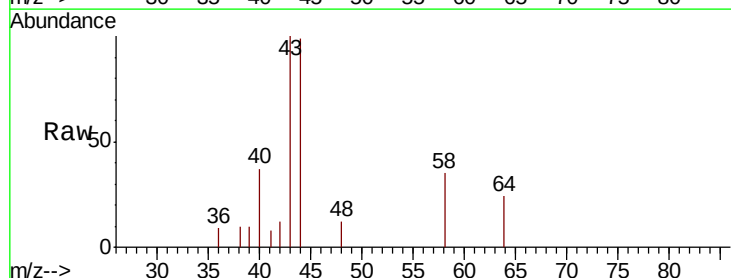
Acq: 16 Nov 2018 10:00

Tgt Ion: 43 Resp: 1684

Ion Ratio Lower Upper

43 100

58 35.1 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

1000

800

600

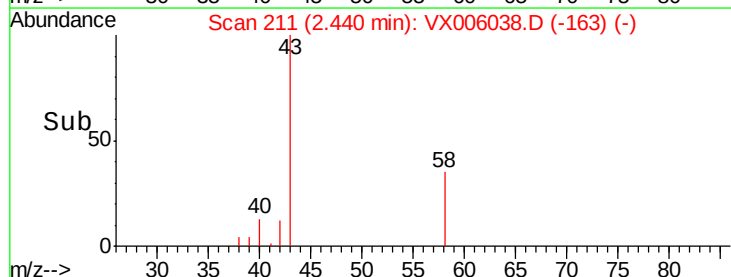
400

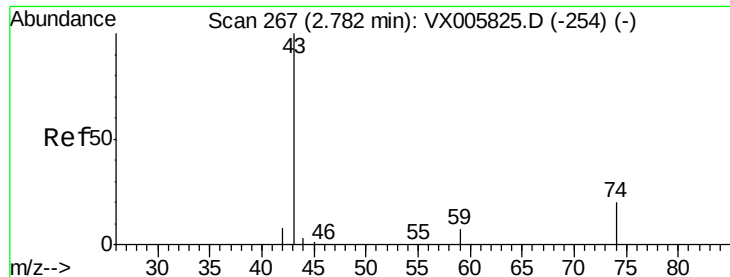
200

0

Time-->

2.35 2.40 2.45 2.50





#18

Methyl Acetate

Concen: Below Cal

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX006038.D

Acq: 16 Nov 2018 10:00

Instrument :

MSVOA_X

ClientSampled :

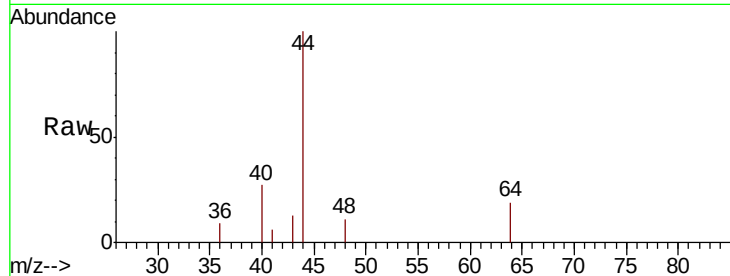
VX1116MBL01

Tot Ion: 43 Resp: 243

Ion Ratio Lower Upper

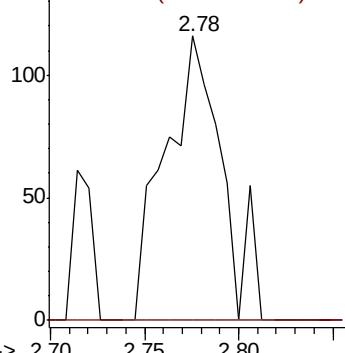
43 100

74 0.0 16.8 25.2#

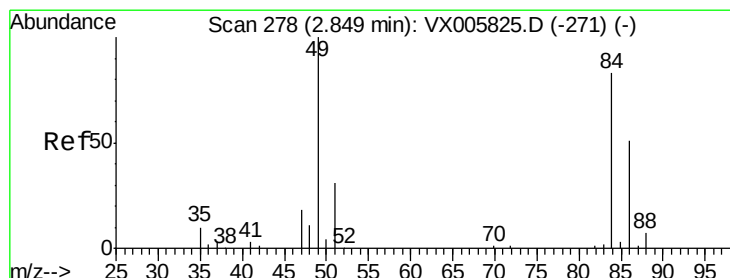
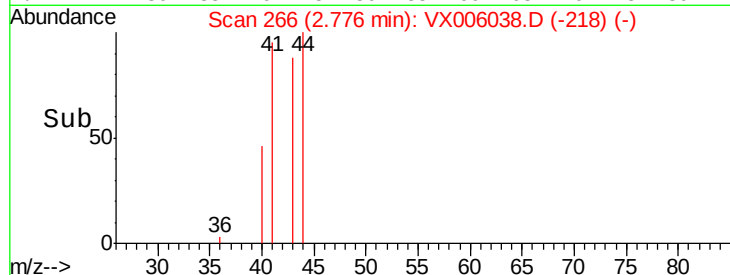


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



Time-->



#20

Methylene Chloride

Concen: 0.386 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.01 min

Lab File: VX006038.D

Acq: 16 Nov 2018 10:00

Tgt Ion: 84 Resp: 742

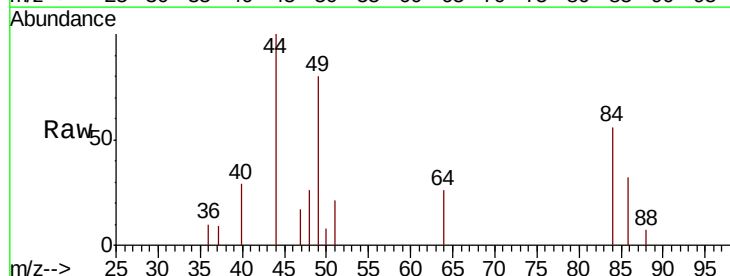
Ion Ratio Lower Upper

84 100

49 144.4 109.5 164.3

51 37.4 33.3 49.9

86 58.0 52.7 79.1

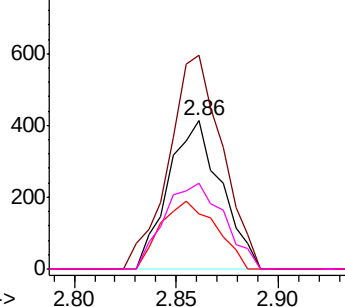


Abundance Ion 83.90 (83.60 to 84.60): VX0

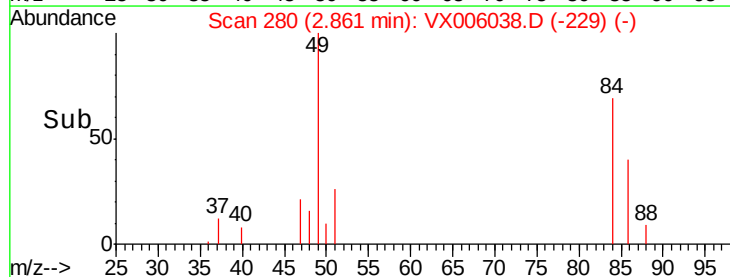
Ion 48.90 (48.60 to 49.60): VX0

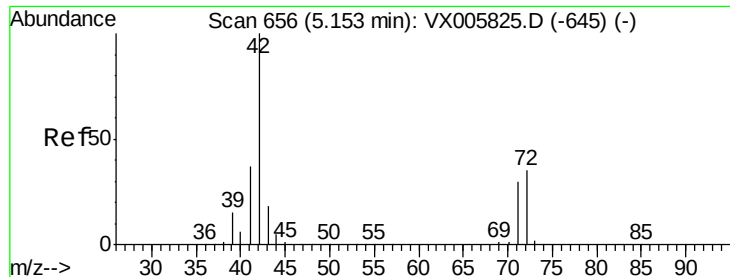
Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



Time-->





#29

Tetrahydrofuran

Concen: 0.371 ug/l

RT: 5.17 min Scan# 658

Delta R.T. 0.01 min

Lab File: VX006038.D

Acq: 16 Nov 2018 10:00

Instrument :

MSVOA_X

ClientSampleId :

VX1116MBL01

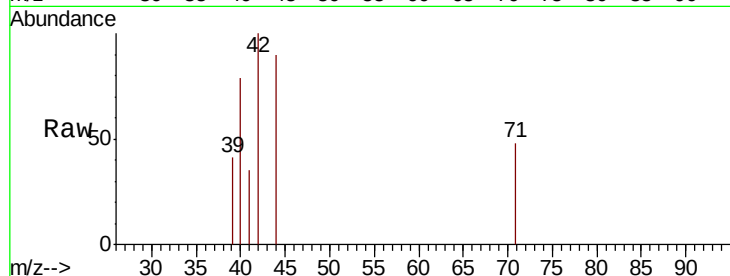
Tot Ion: 42 Resp: 438

Ion Ratio Lower Upper

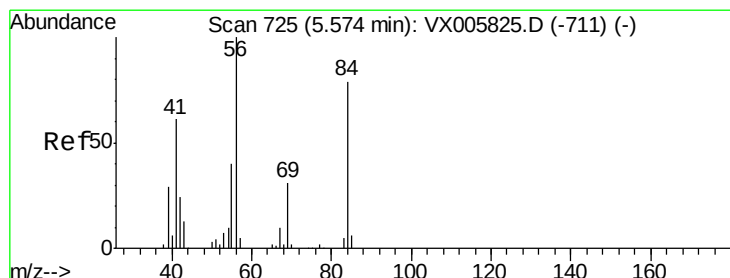
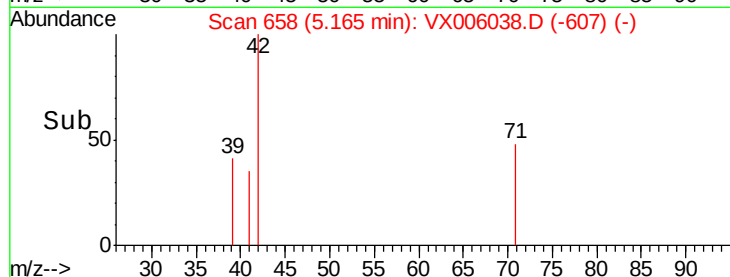
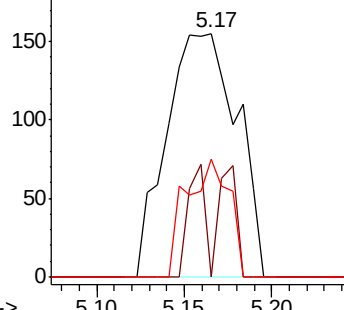
42 100

72 10.7 32.0 48.0#

71 29.5 29.8 44.8#



Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0



#31

Cyclohexane

Concen: 1.040 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.09 min

Lab File: VX006038.D

Acq: 16 Nov 2018 10:00

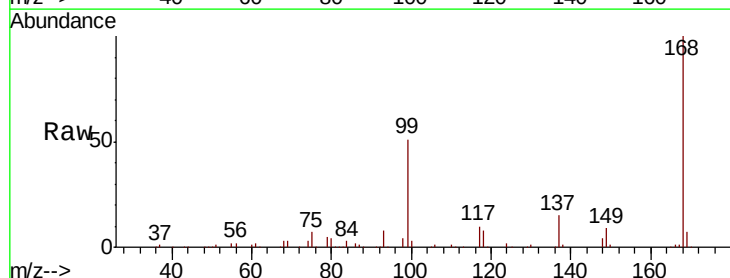
Tgt Ion: 56 Resp: 3150

Ion Ratio Lower Upper

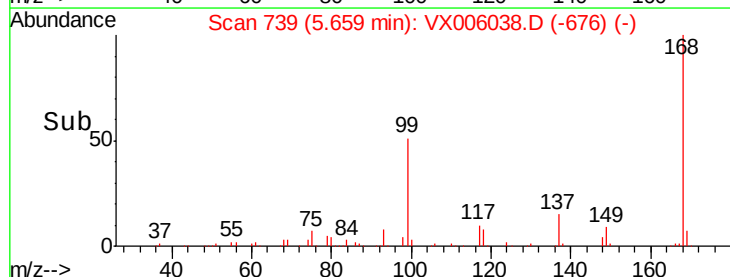
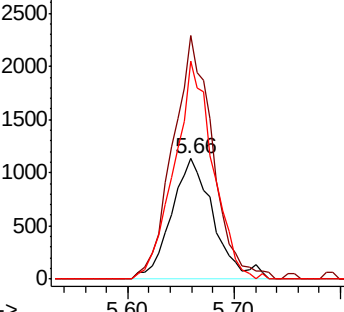
56 100

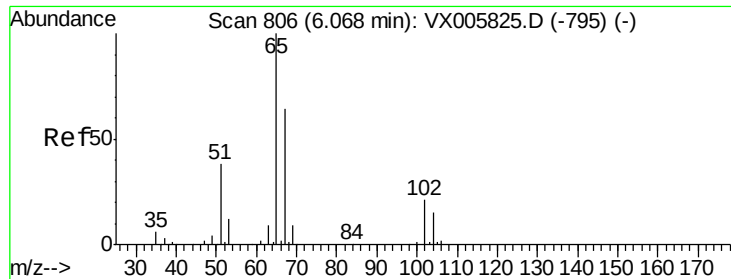
69 202.6 22.6 34.0#

84 181.7 62.7 94.1#



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

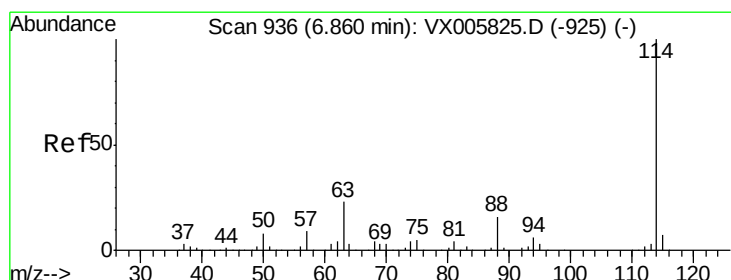
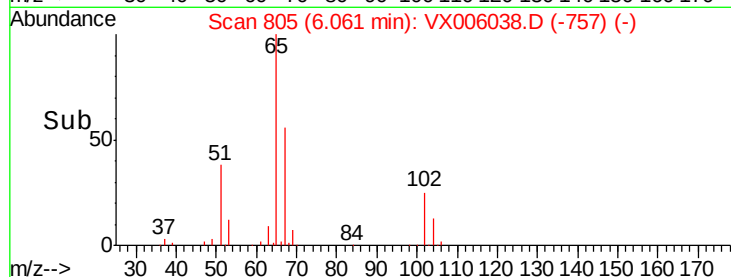
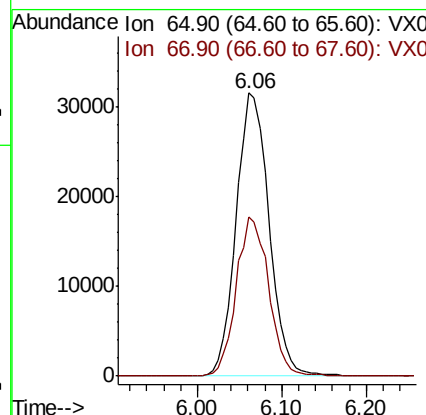
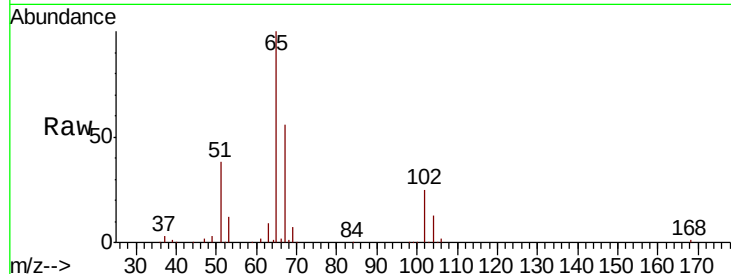




#33
 1,2-Dichloroethane-d4
 Concen: 38.272 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX006038.D
 Acq: 16 Nov 2018 10:00

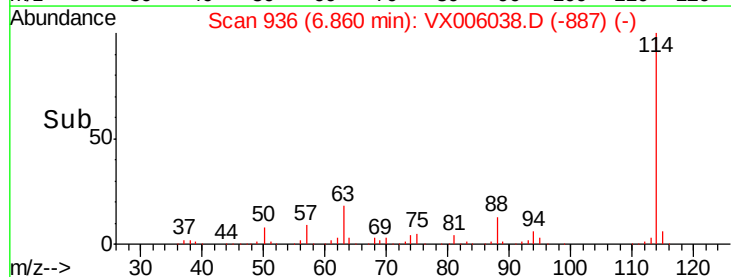
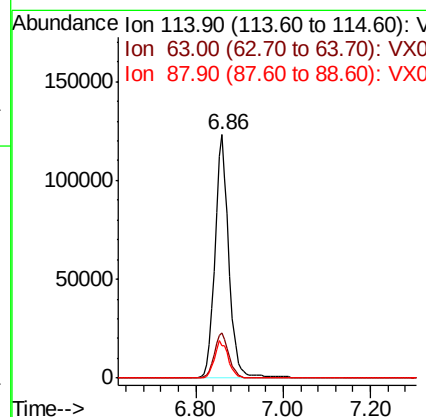
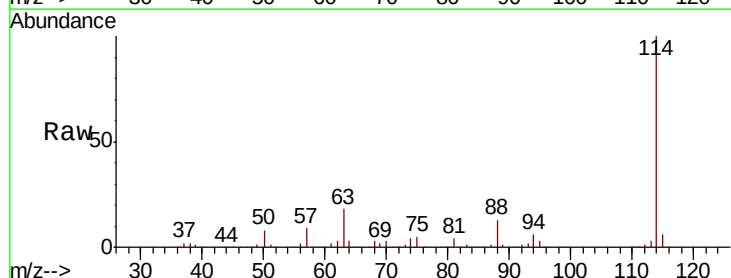
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1116MBL01

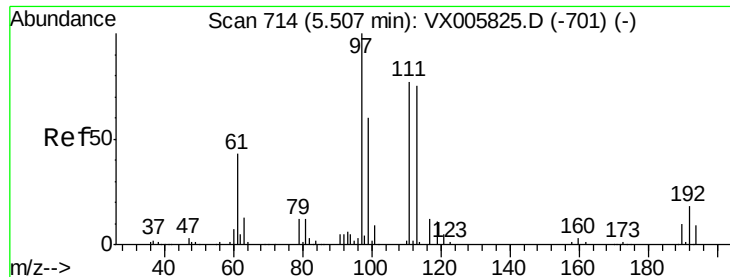
Tot Ion: 65 Resp: 83194
 Ion Ratio Lower Upper
 65 100
 67 55.6 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX006038.D
 Acq: 16 Nov 2018 10:00

Tgt Ion: 114 Resp: 277641
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 42.8
 88 13.4 0.0 31.2





#35

Dibromofluoromethane

Concen: 39.788 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX006038.D

Acq: 16 Nov 2018 10:00

Instrument :

MSVOA_X

ClientSampleId :

VX1116MBL01

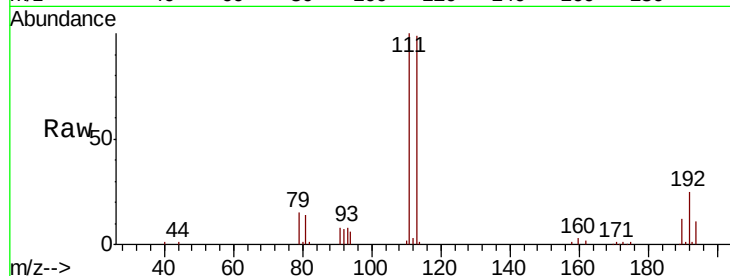
Tot Ion:113 Resp: 75135

Ion Ratio Lower Upper

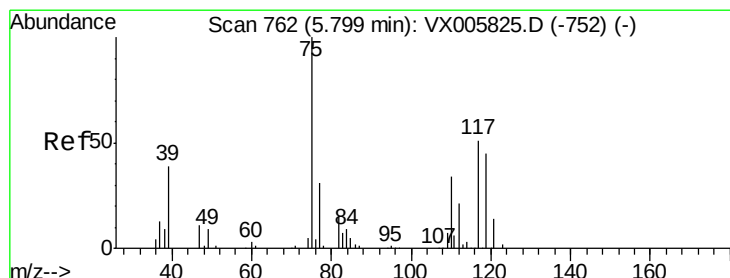
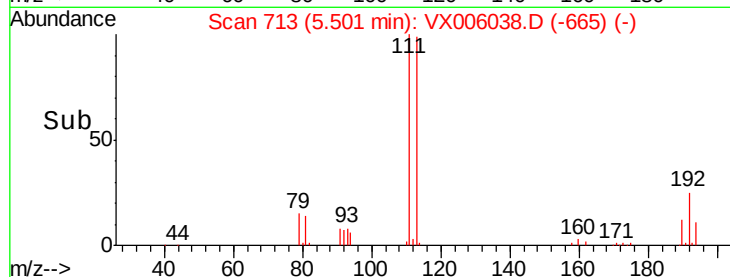
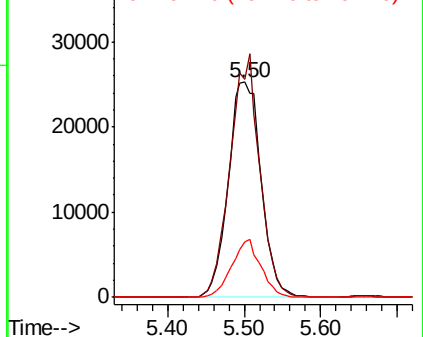
113 100

111 102.0 82.3 123.5

192 23.6 17.9 26.9



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: 4.885 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX006038.D

Acq: 16 Nov 2018 10:00

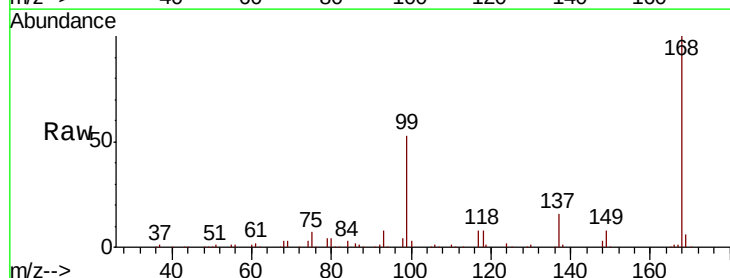
Tgt Ion: 75 Resp: 13074

Ion Ratio Lower Upper

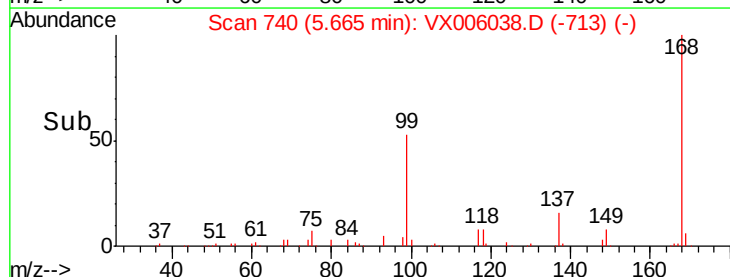
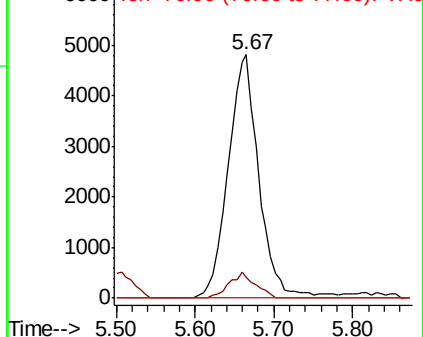
75 100

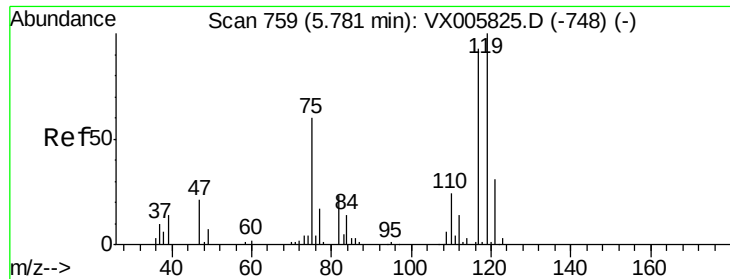
110 8.8 17.4 52.2#

77 0.0 25.8 38.6#



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

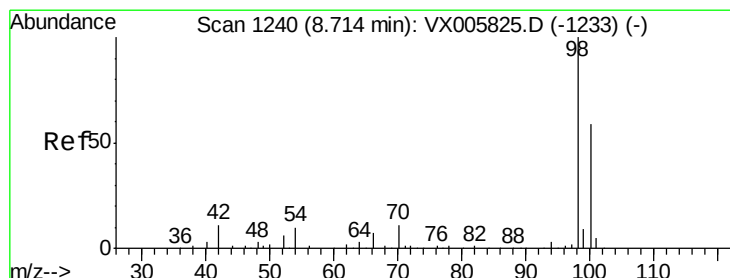
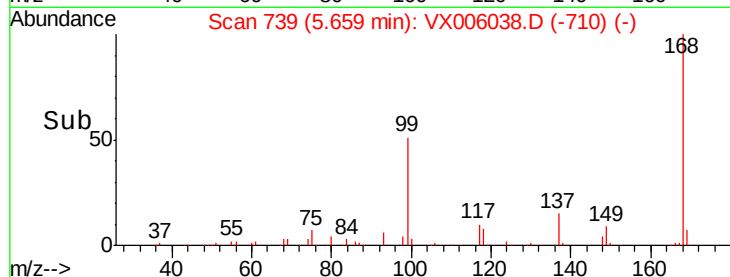
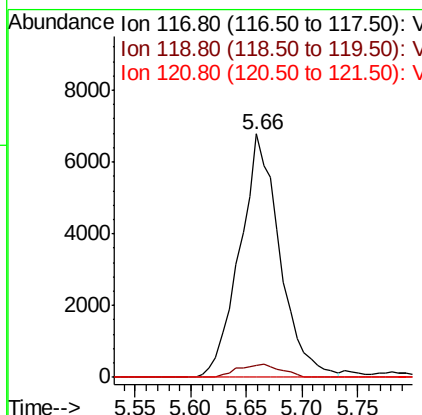
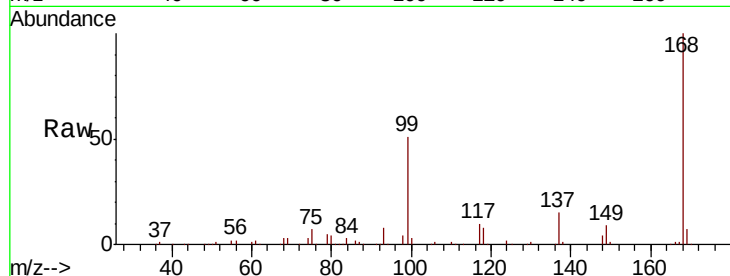




#38
Carbon Tetrachloride
Concen: 6.319 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.12 min
Lab File: VX006038.D
Acq: 16 Nov 2018 10:00

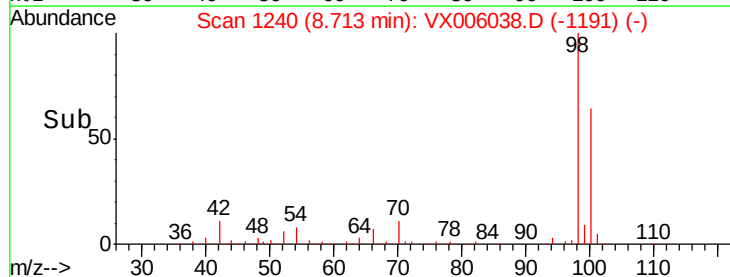
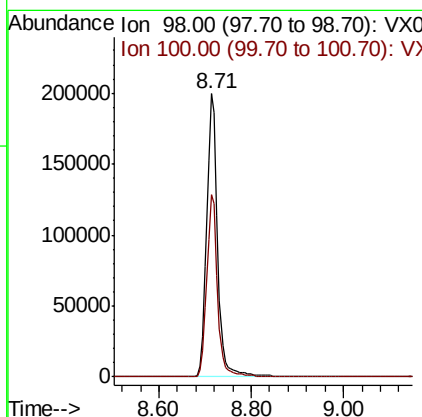
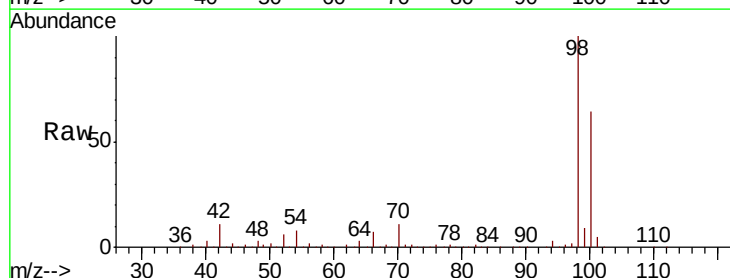
Instrument :
MSVOA_X
ClientSampleId :
VX1116MBL01

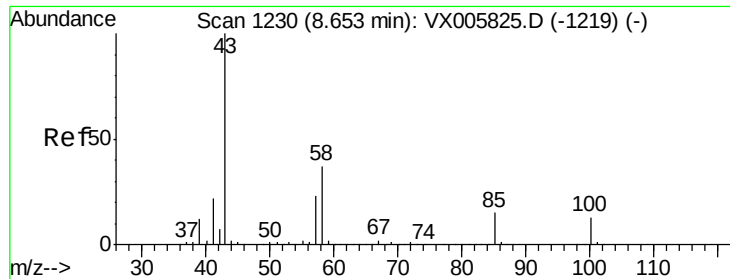
Tot Ion:117 Resp: 16933
Ion Ratio Lower Upper
117 100
119 4.7 78.1 117.1#
121 0.0 24.6 36.8#



#50
Toluene-d8
Concen: 52.675 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006038.D
Acq: 16 Nov 2018 10:00

Tgt Ion: 98 Resp: 330698
Ion Ratio Lower Upper
98 100
100 63.9 51.3 76.9





#51

4-Methyl-2-Pentanone

Concen: 0.426 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.06 min

Lab File: VX006038.D

Acq: 16 Nov 2018 10:00

Instrument :

MSVOA_X

ClientSampled :

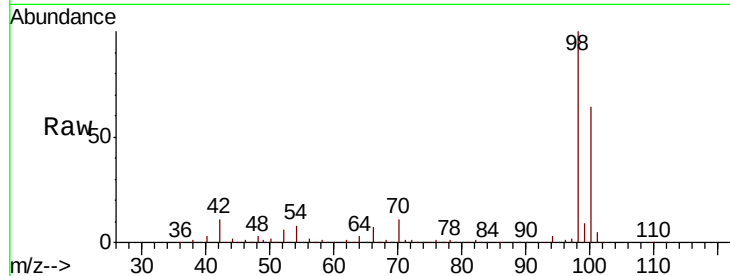
VX1116MBL01

Tot Ion: 43 Resp: 1369

Ion Ratio Lower Upper

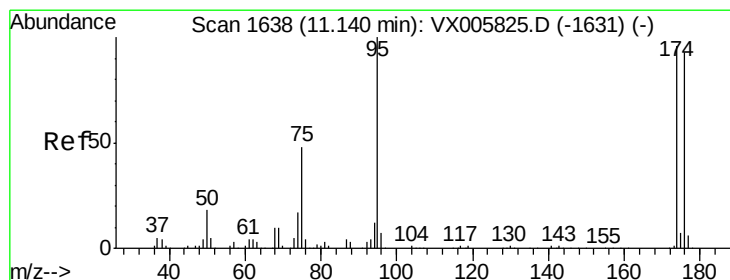
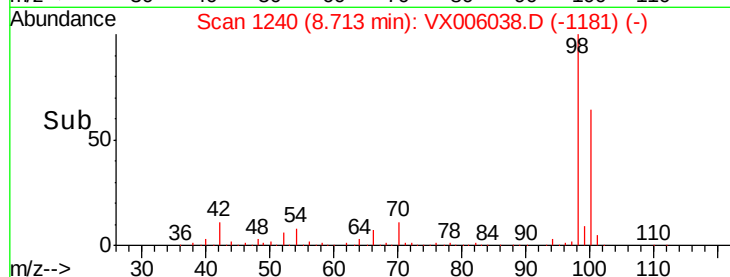
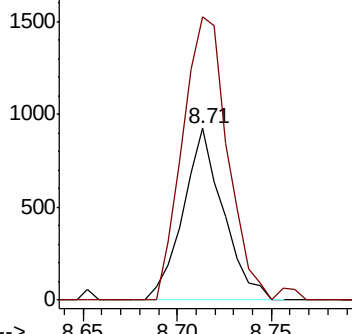
43 100

58 184.4 29.7 44.5#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#62

4-Bromofluorobenzene

Concen: 54.314 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX006038.D

Acq: 16 Nov 2018 10:00

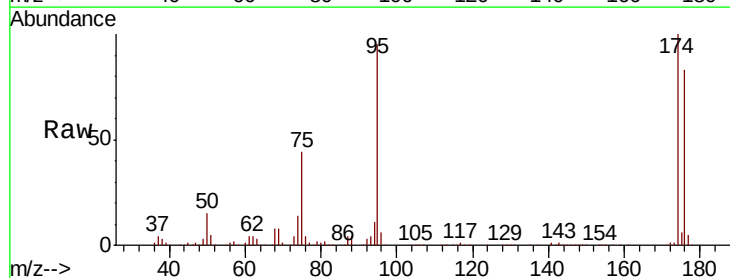
Tgt Ion: 95 Resp: 122598

Ion Ratio Lower Upper

95 100

174 94.5 0.0 184.4

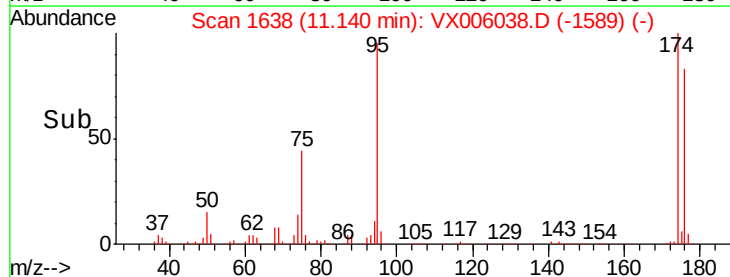
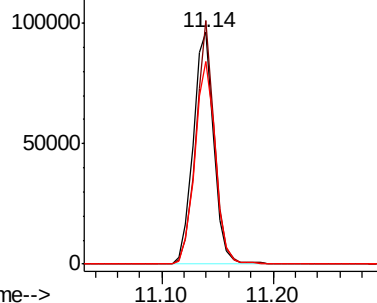
176 87.7 0.0 177.4

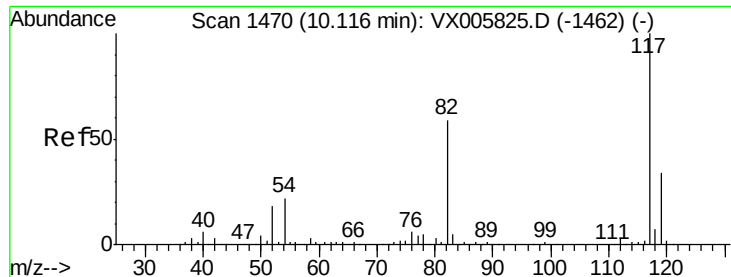


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

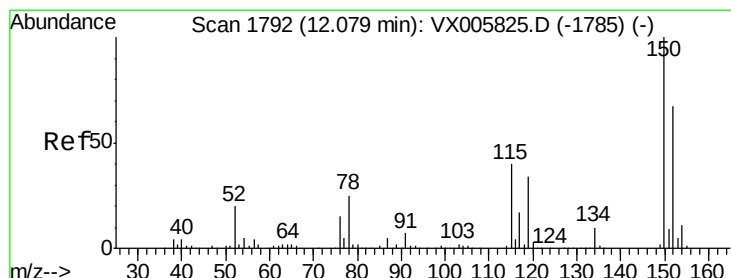
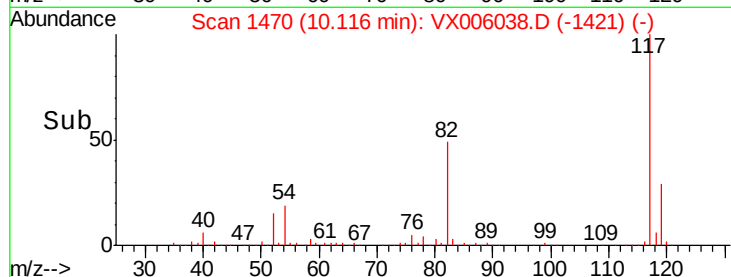
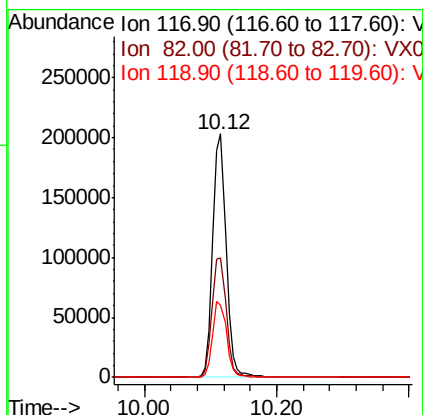
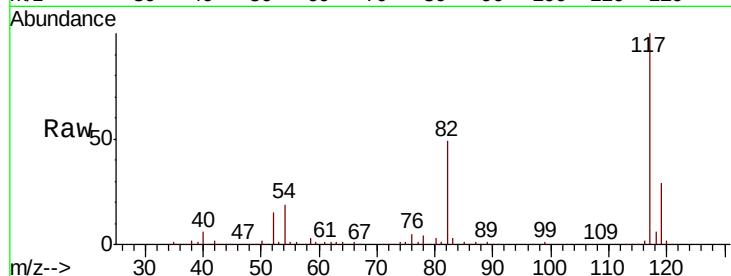




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX006038.D
Acq: 16 Nov 2018 10:00

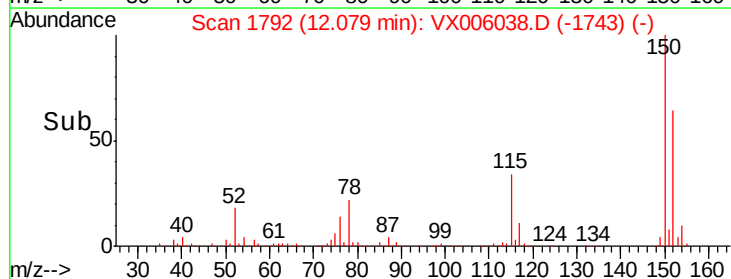
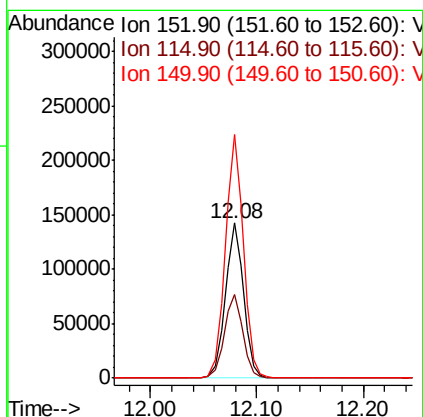
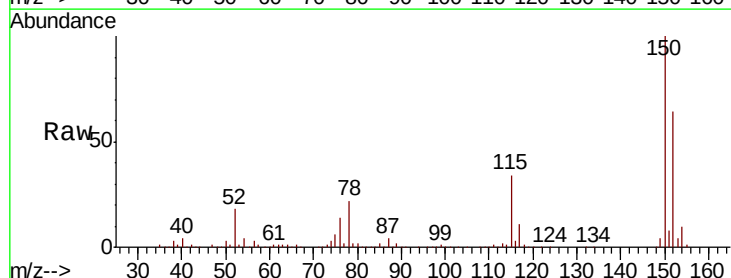
Instrument :
MSVOA_X
ClientSampled :
VX1116MBL01

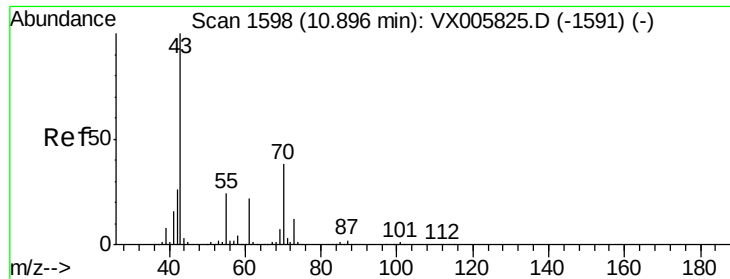
Tot Ion	Ratio	Lower	Upper
117	100		
82	49.1	44.1	66.1
119	29.4	26.2	39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX006038.D
Acq: 16 Nov 2018 10:00

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.1	39.4	118.1
150	156.7	0.0	346.4





#74

N-amvl acetate

Concen: 1.254 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.24 min

Lab File: VX006038.D

Acq: 16 Nov 2018 10:00

Instrument :

MSVOA_X

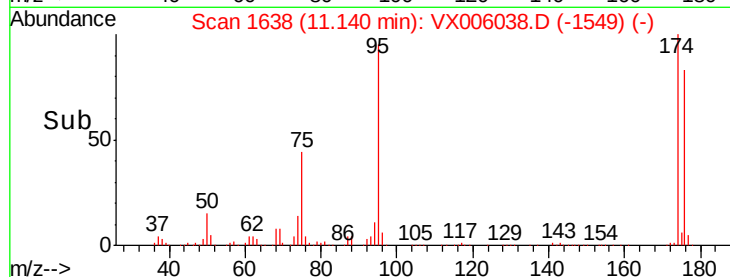
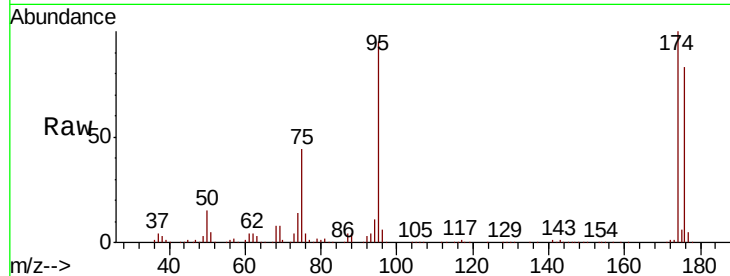
ClientSampleId :

VX1116MBL01

Tot Ion: 43 Resp: 19

Ion Ratio Lower Upper

43	100		
70	4978.9	31.6	47.4#
55	1636.8	19.7	29.5#
61	28400.0	18.3	27.5#

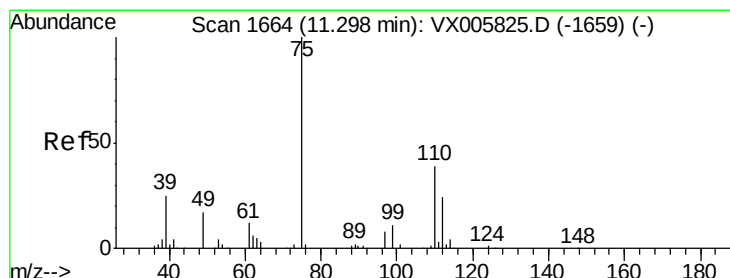
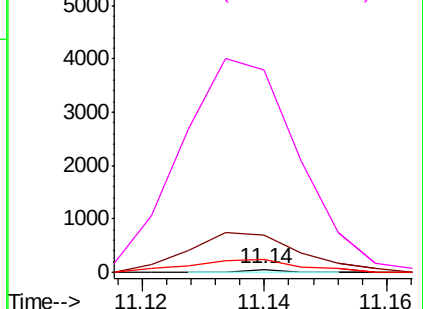


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#76

1,2,3-Trichloropropane

Concen: 17.522 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

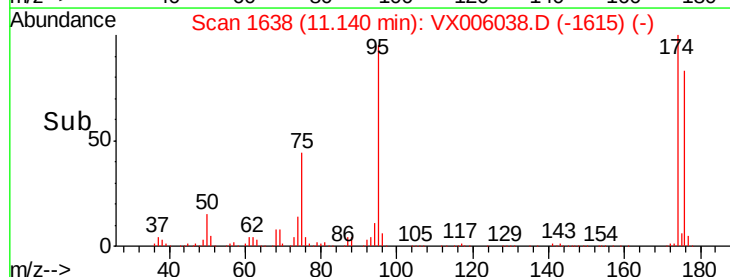
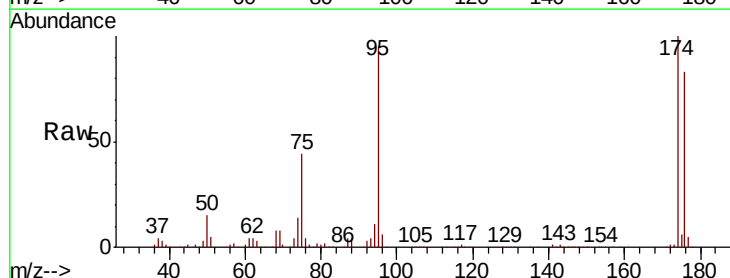
Lab File: VX006038.D

Acq: 16 Nov 2018 10:00

Tgt Ion: 75 Resp: 60401

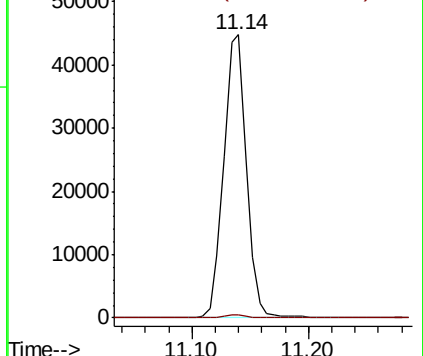
Ion Ratio Lower Upper

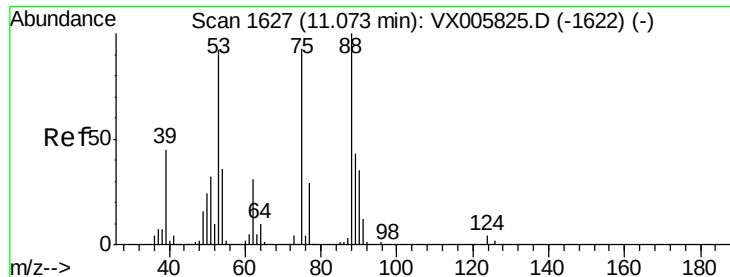
75	100		
77	1.2	20.5	61.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

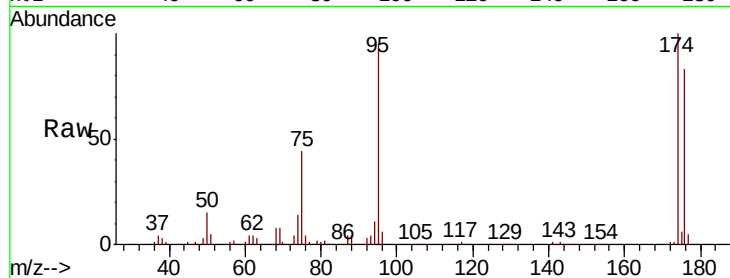




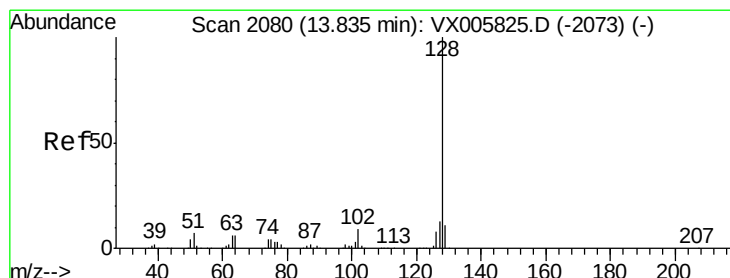
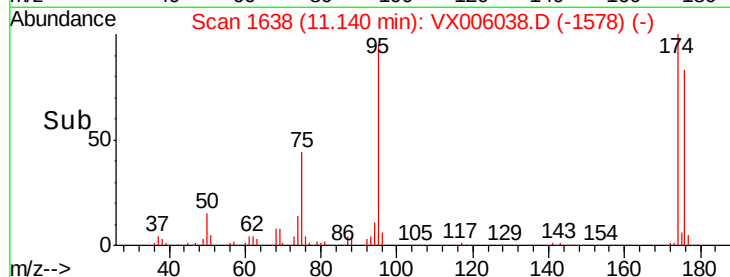
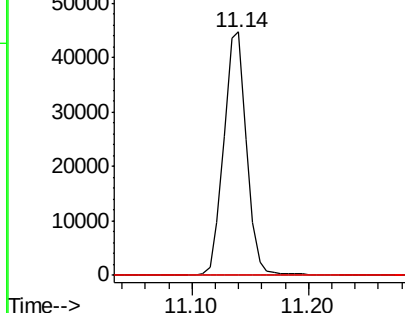
#81
trans-1,4-Dichloro-2-butene
Concen: 55.847 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.07 min
Lab File: VX006038.D
Acq: 16 Nov 2018 10:00

Instrument :
MSVOA_X
ClientSampleId :
VX1116MBL01

Tot Ion: 75 Resp: 60401
Ion Ratio Lower Upper
75 100
53 0.1 80.2 120.2#
89 0.0 39.8 59.8#

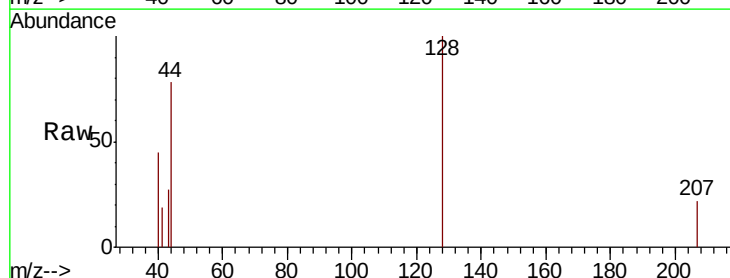


Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#95
Naphthalene
Concen: 1.207 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006038.D
Acq: 16 Nov 2018 10:00

Tgt Ion: 128 Resp: 367
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6#
129 0.0 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

