

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111318\
 Data File : VX005943.D
 Acq On : 13 Nov 2018 12:34
 Operator : JC/MD
 Sample : VX1113MBL01
 Misc : 5.00µ/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1113MBL01

Quant Time: Nov 14 03:23:32 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	5.66	168	97771	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	138997	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	127033	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	60711	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	67207	59.79	ug/l	0.00
Spiked Amount			Recovery	=	119.58%	
35) Dibromofluoromethane	5.49	113	49417	52.27	ug/l	-0.01
Spiked Amount			Recovery	=	104.54%	
50) Toluene-d8	8.71	98	167527	53.30	ug/l	0.00
Spiked Amount			Recovery	=	106.60%	
62) 4-Bromofluorobenzene	11.14	95	55663	49.26	ug/l	0.00
Spiked Amount			Recovery	=	98.52%	

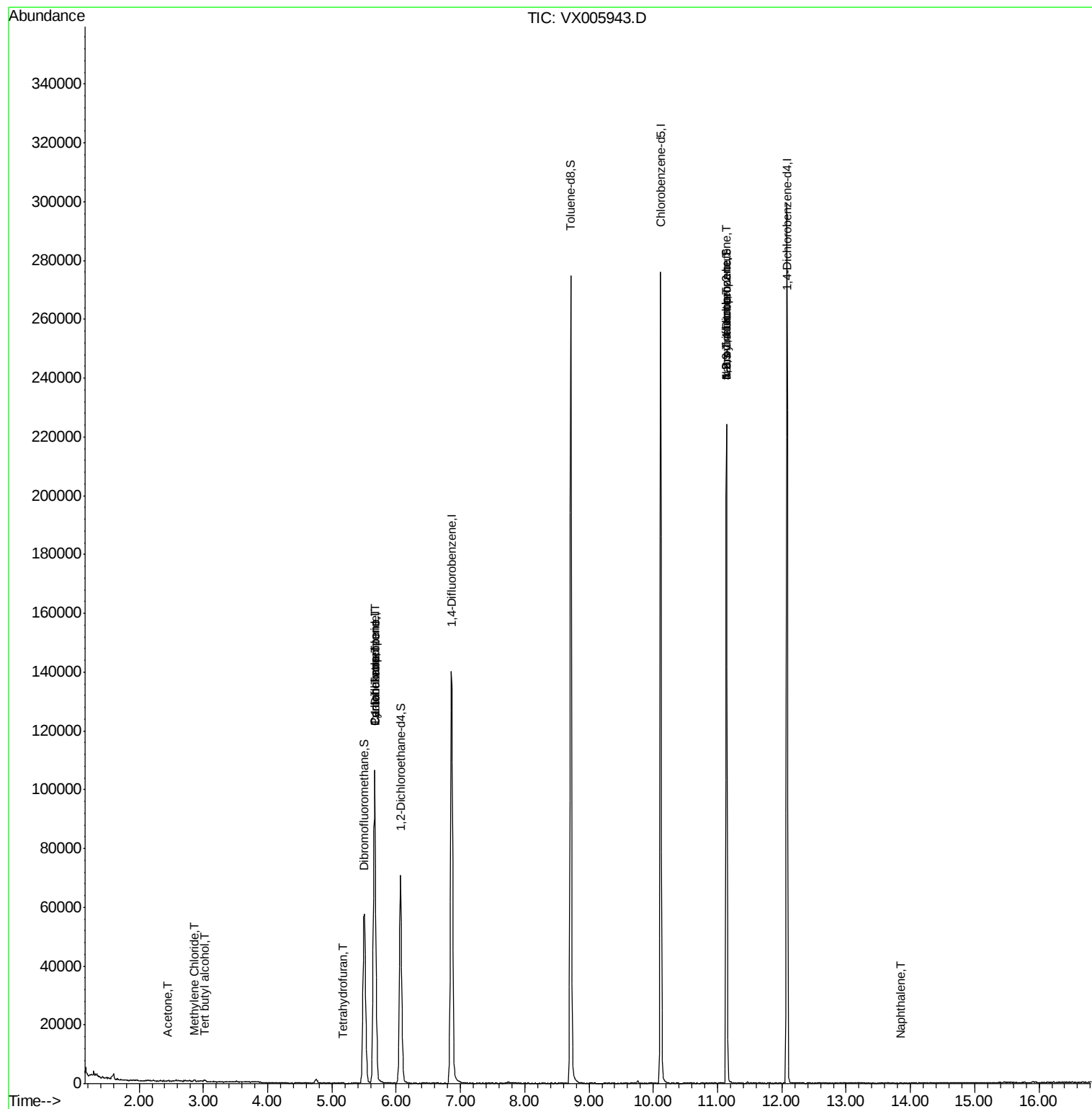
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.01	59	402	1.248	ug/l #	72
16) Acetone	2.44	43	277	0.458	ug/l #	45
18) Methyl Acetate	2.78	43	373	Below Cal	#	55
20) Methylene Chloride	2.86	84	246	0.247	ug/l #	83
29) Tetrahydrofuran	5.16	42	251	0.411	ug/l #	36
31) Cyclohexane	5.66	56	1952	1.247	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	7112	5.308	ug/l #	49
38) Carbon Tetrachloride	5.66	117	8934	6.660	ug/l #	18
74) N-amyl acetate	11.14	43	20	1.261	ug/l #	1
76) 1,2,3-Trichloropropane	11.14	75	28442	23.007	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.14	75	28442	73.328	ug/l #	9
84) 1,2,4-Trimethylbenzene	11.81	105	26	Below Cal	#	51
95) Naphthalene	13.84	128	170	1.215	ug/l #	69

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

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ClientSampleId :
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Quant Time: Nov 14 03:23:32 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: 5.66 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005943.D

Acq: 13 Nov 2018 12:34

Instrument :

MSVOA_X

ClientSampleId :

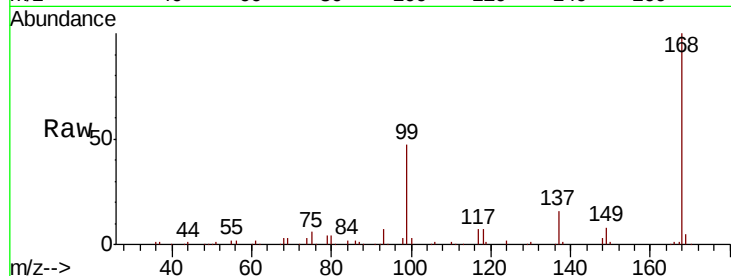
VX1113MBL01

Tot Ion:168 Resp: 97771

Ion Ratio Lower Upper

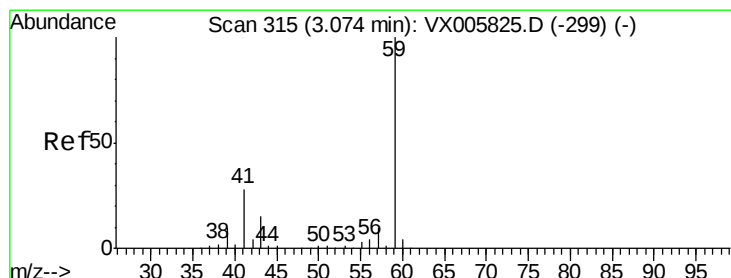
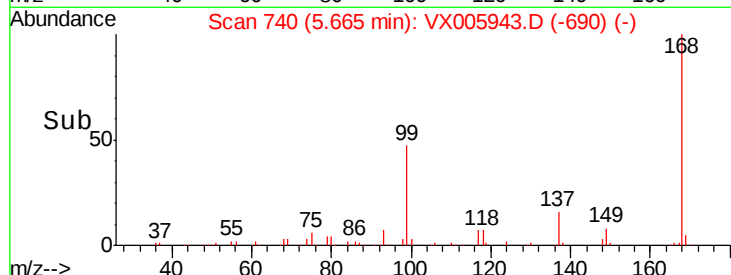
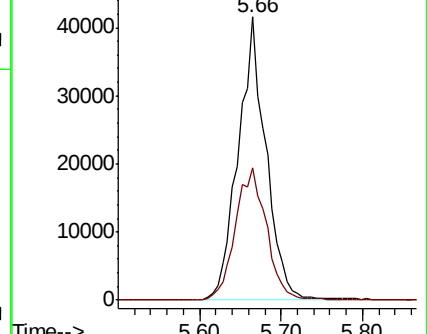
168 100

99 46.6 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#11

Tert butyl alcohol

Concen: 1.248 ug/l

RT: 3.01 min Scan# 304

Delta R.T. -0.07 min

Lab File: VX005943.D

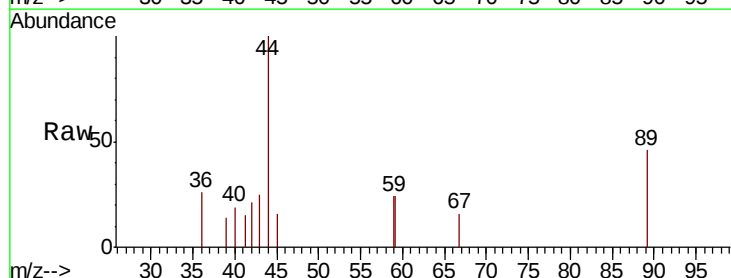
Acq: 13 Nov 2018 12:34

Tgt Ion: 59 Resp: 402

Ion Ratio Lower Upper

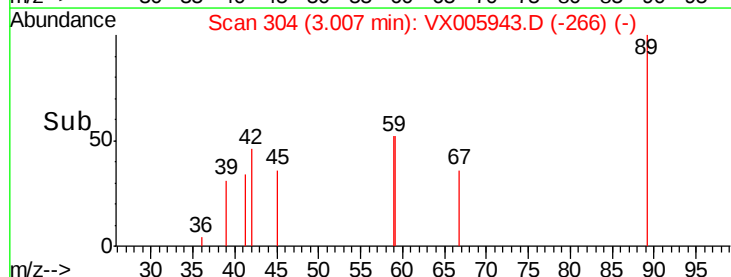
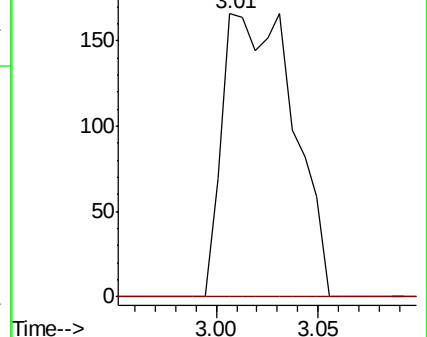
59 100

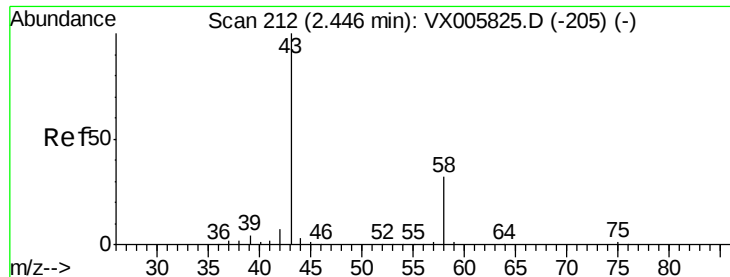
57 0.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#16

Acetone

Concen: 0.458 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX005943.D

Acq: 13 Nov 2018 12:34

Instrument :

MSVOA_X

ClientSampled :

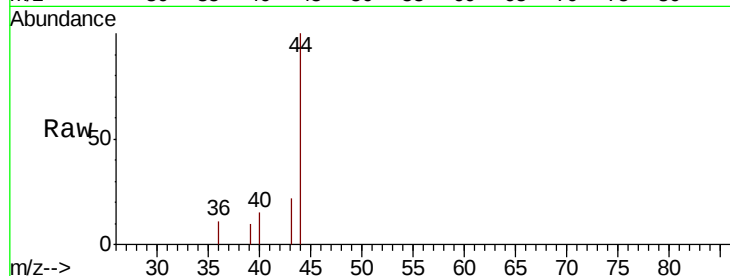
VX1113MBL01

Tot Ion: 43 Resp: 277

Ion Ratio Lower Upper

43 100

58 0.0 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

150

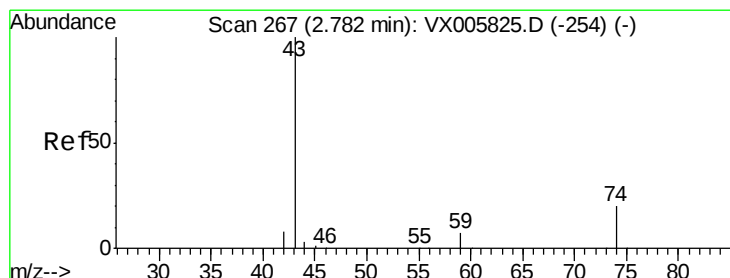
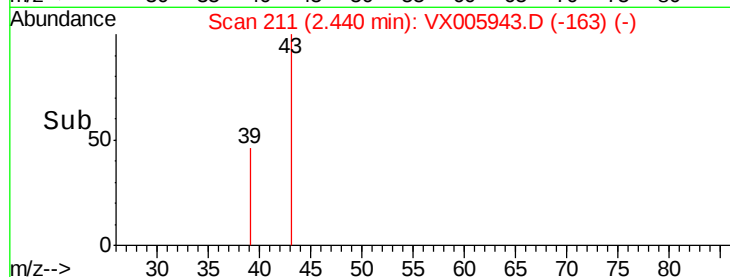
100

50

0

2.40 2.45 2.50

Time-->



#18

Methyl Acetate

Concen: Below Cal

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX005943.D

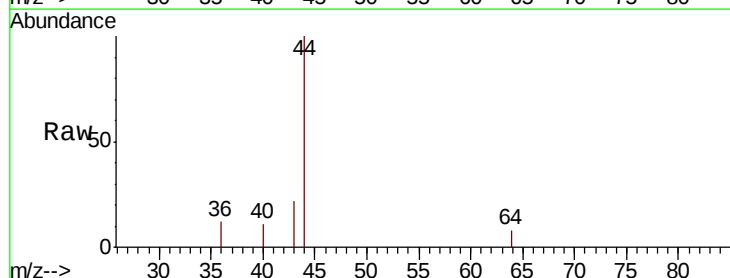
Acq: 13 Nov 2018 12:34

Tgt Ion: 43 Resp: 373

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

200

150

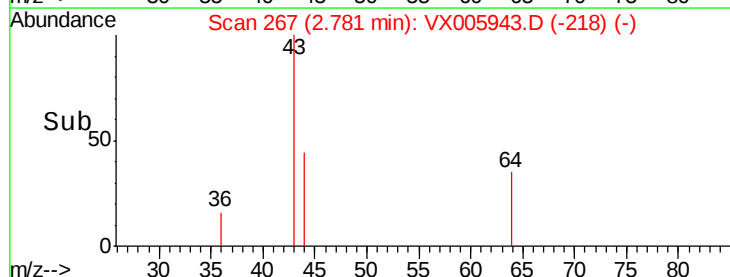
100

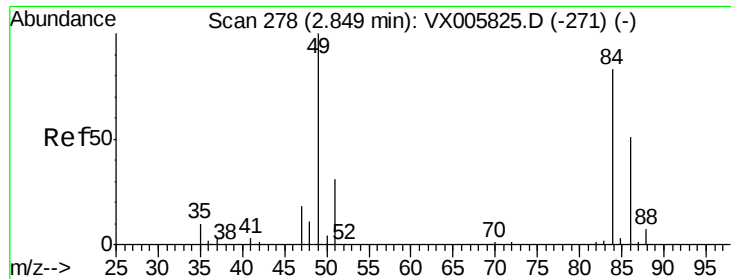
50

0

2.75 2.80

Time-->

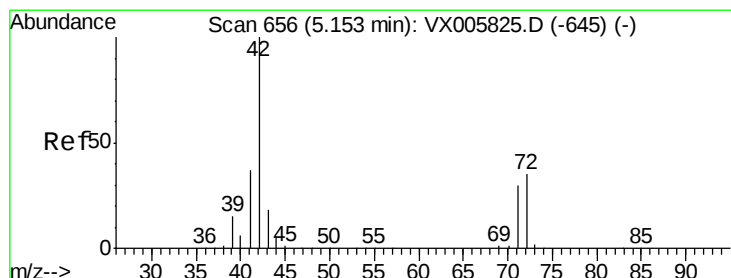
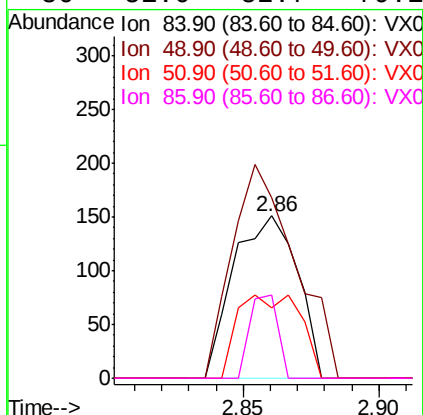
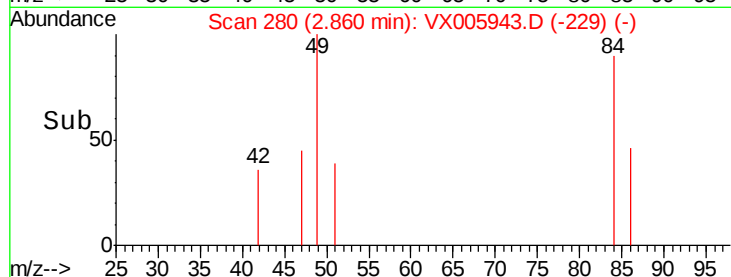
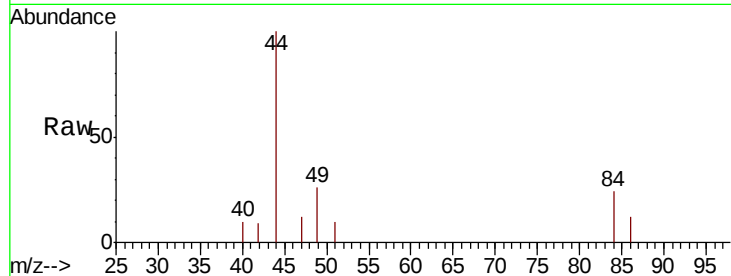




#20
Methvlene Chloride
Concen: 0.247 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX005943.D
Acq: 13 Nov 2018 12:34

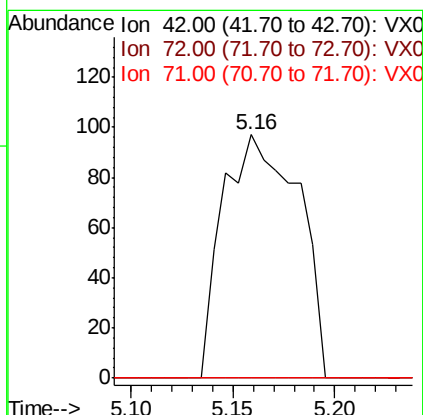
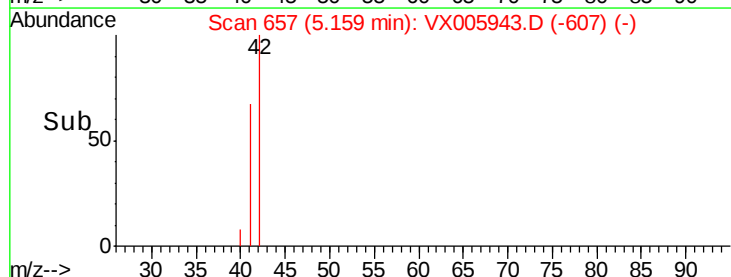
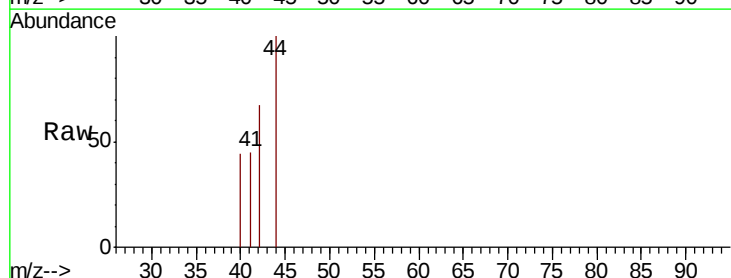
Instrument :
MSVOA_X
ClientSampleId :
VX1113MBL01

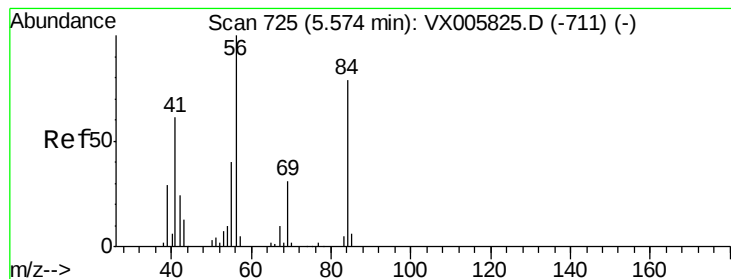
Tot Ion: 84 Resp: 246
Ion Ratio Lower Upper
84 100
49 111.3 109.5 164.3
51 43.0 33.3 49.9
86 51.0 52.7 79.1#



#29
Tetrahydrofuran
Concen: 0.411 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX005943.D
Acq: 13 Nov 2018 12:34

Tgt Ion: 42 Resp: 251
Ion Ratio Lower Upper
42 100
72 0.0 32.0 48.0#
71 0.0 29.8 44.8#





#31

Cyclohexane

Concen: 1.247 ug/l

RT: 5.66 min Scan# 740

Delta R.T. 0.09 min

Lab File: VX005943.D

Acq: 13 Nov 2018 12:34

Instrument :

MSVOA_X

ClientSampleId :

VX1113MBL01

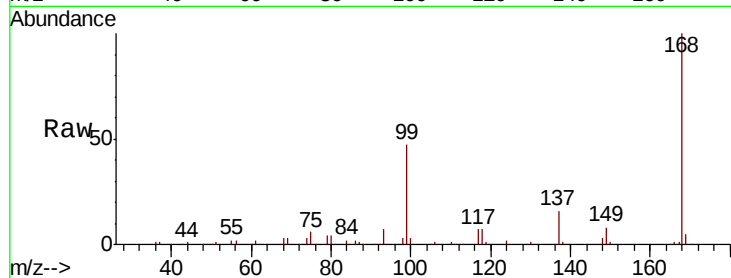
Tot Ion: 56 Resp: 1952

Ion Ratio Lower Upper

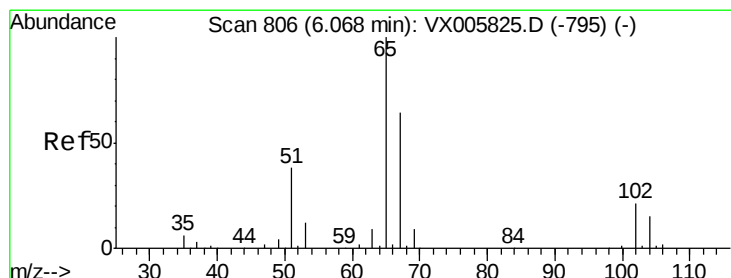
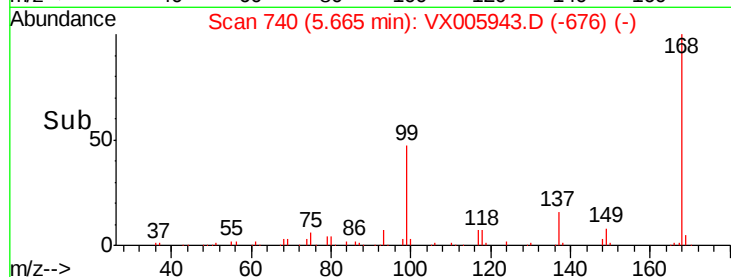
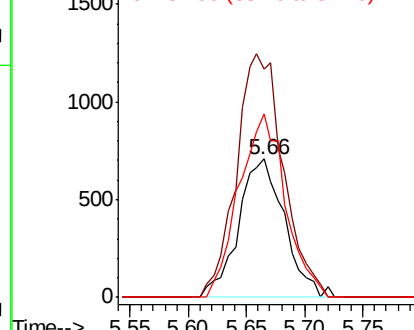
56 100

69 165.0 22.6 34.0#

84 133.1 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: 59.793 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX005943.D

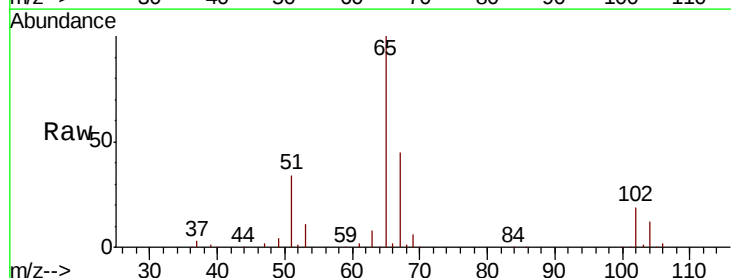
Acq: 13 Nov 2018 12:34

Tgt Ion: 65 Resp: 67207

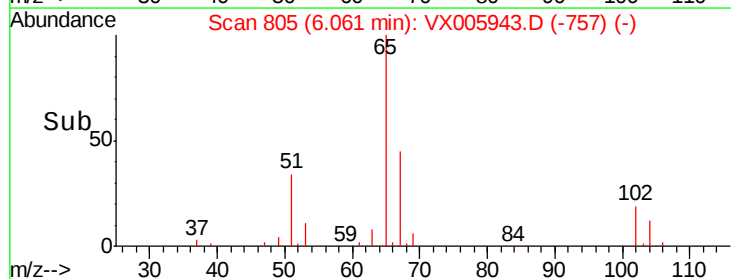
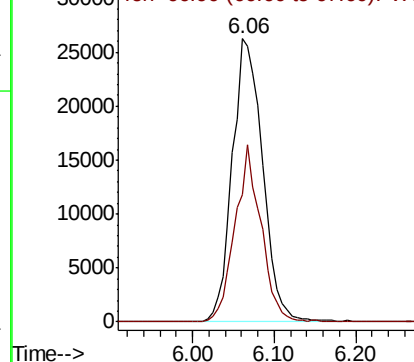
Ion Ratio Lower Upper

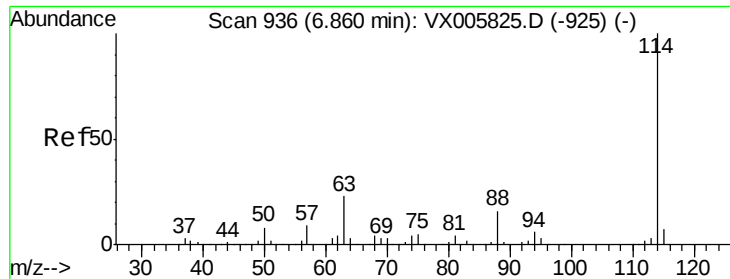
65 100

67 53.9 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

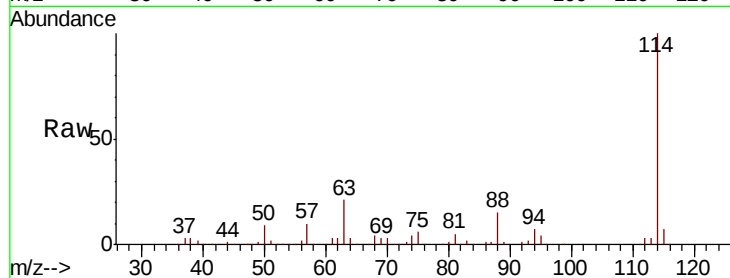




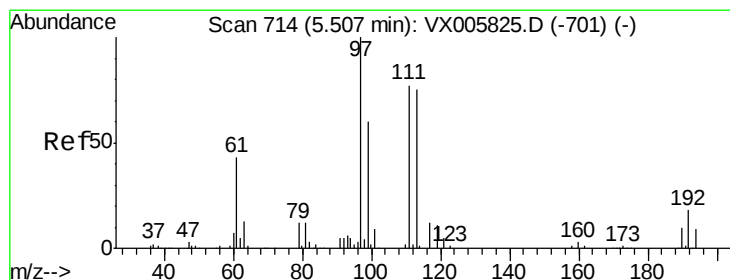
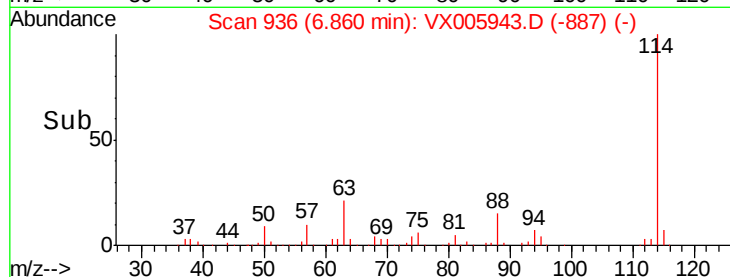
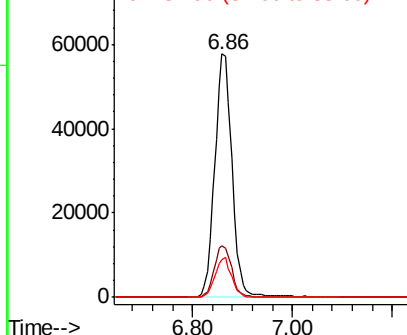
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005943.D
 Acq: 13 Nov 2018 12:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1113MBL01

Tot Ion:114 Resp: 138997
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 42.8
 88 15.3 0.0 31.2

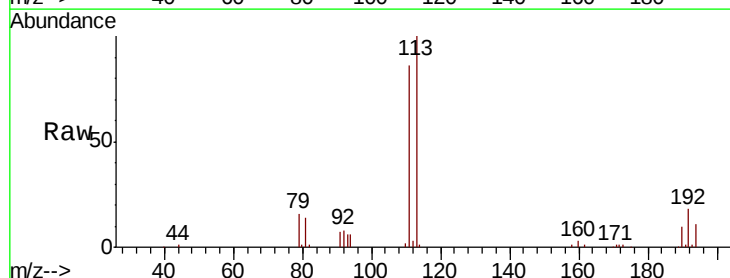


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

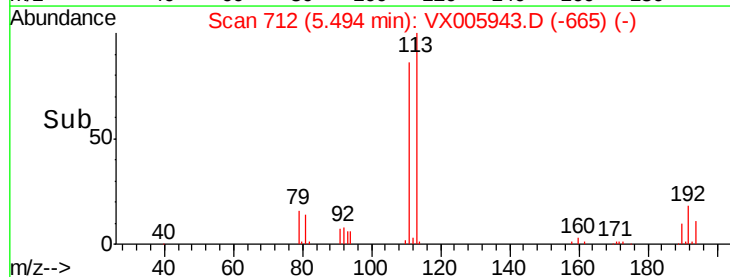
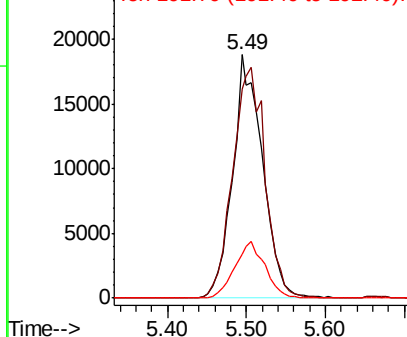


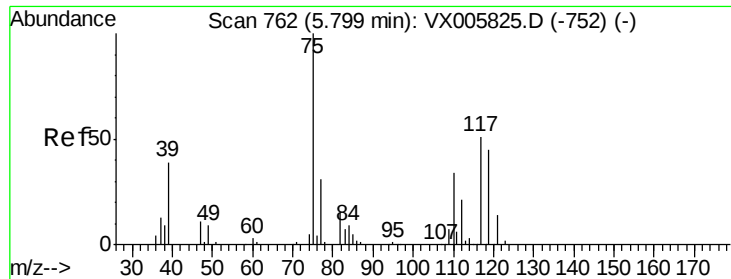
#35
 Dibromofluoromethane
 Concen: 52.272 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX005943.D
 Acq: 13 Nov 2018 12:34

Tgt Ion:113 Resp: 49417
 Ion Ratio Lower Upper
 113 100
 111 103.4 82.3 123.5
 192 23.5 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

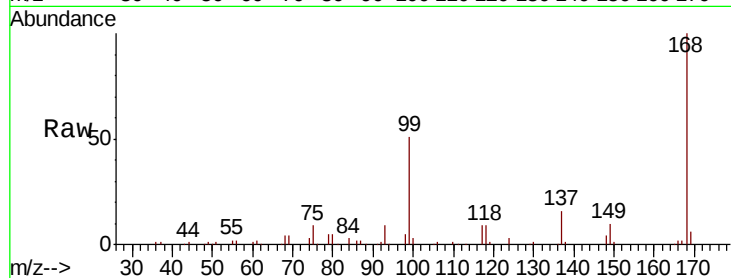




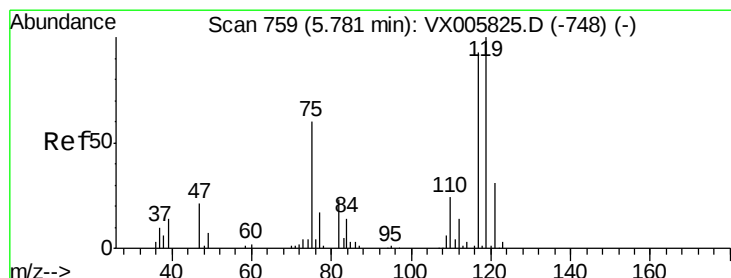
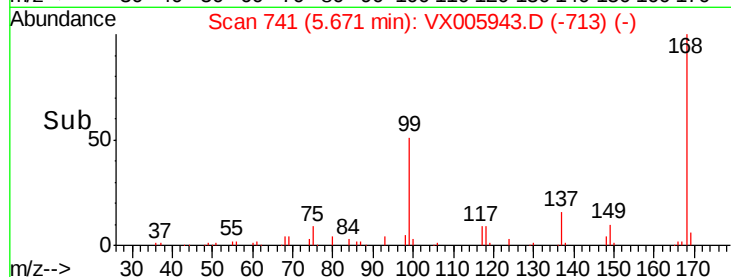
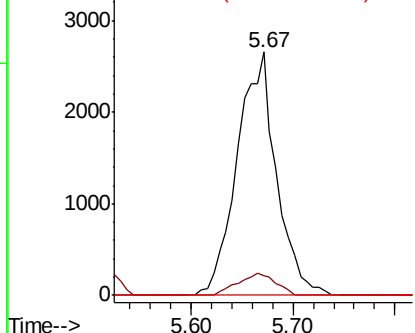
#36
 1,1-Dichloropropene
 Concen: 5.308 ug/l
 RT: 5.67 min Scan# 741
 Delta R.T. -0.13 min
 Lab File: VX005943.D
 Acq: 13 Nov 2018 12:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1113MBL01

Tot Ion	Ratio	Lower	Upper
75	100		
110	8.8	17.4	52.2#
77	0.0	25.8	38.6#

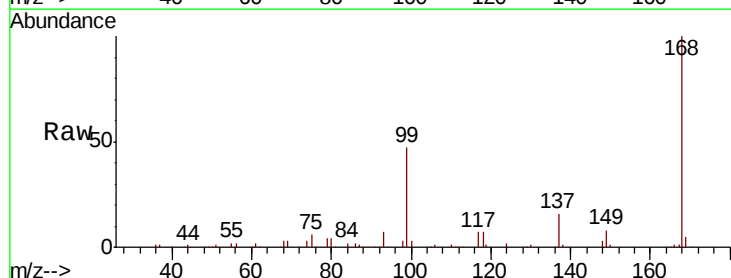


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

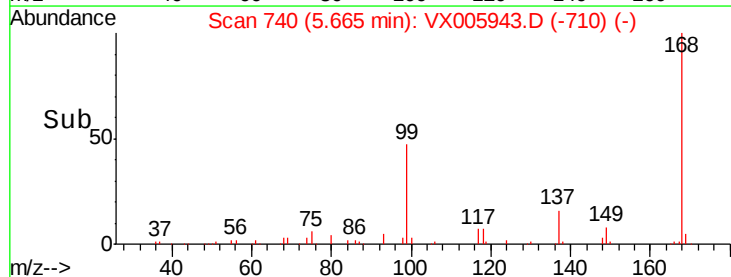
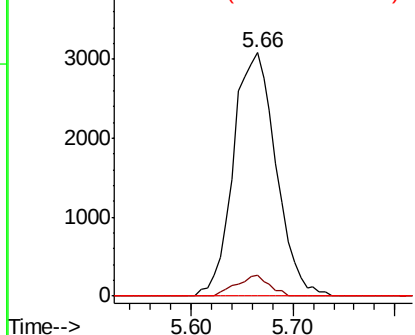


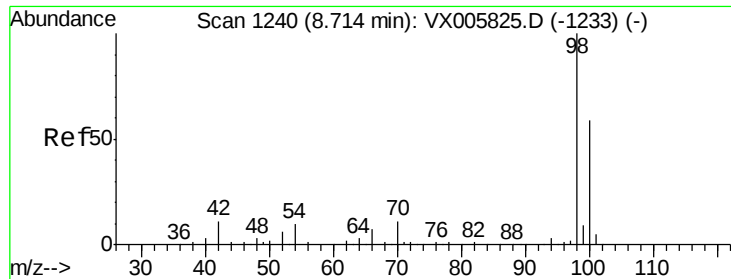
#38
 Carbon Tetrachloride
 Concen: 6.660 ug/l
 RT: 5.66 min Scan# 740
 Delta R.T. -0.12 min
 Lab File: VX005943.D
 Acq: 13 Nov 2018 12:34

Tgt Ion	Ratio	Lower	Upper
117	100		
119	8.7	78.1	117.1#
121	0.0	24.6	36.8#



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

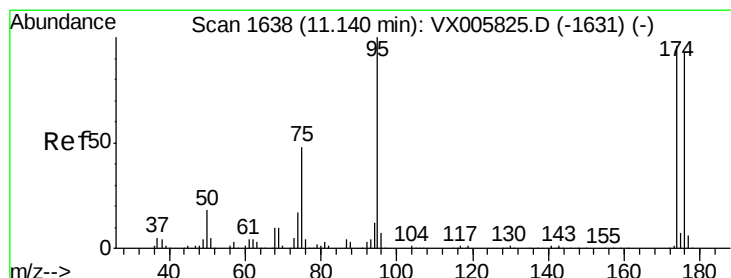
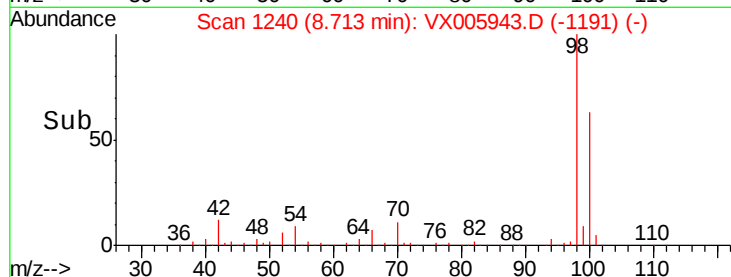
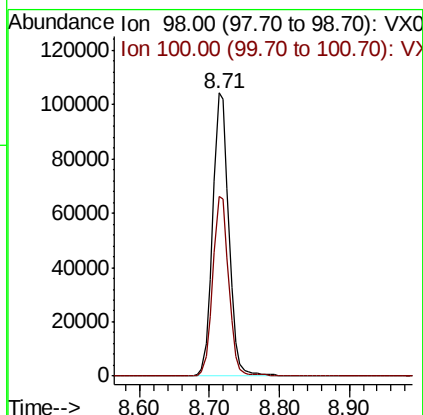
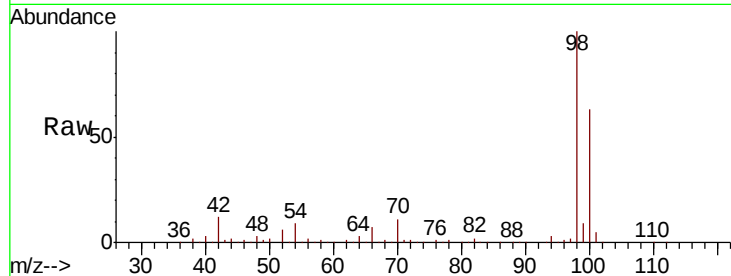




#50
Toluene-d8
Concen: 53.301 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005943.D
Acq: 13 Nov 2018 12:34

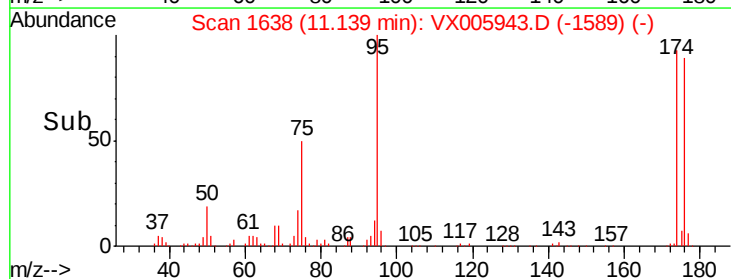
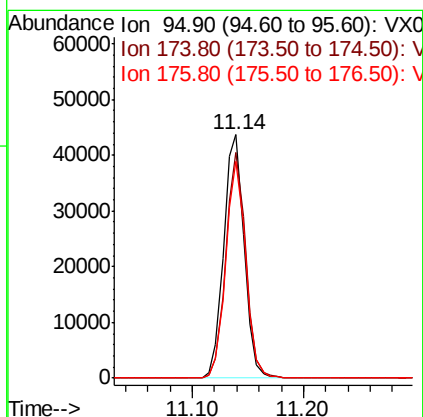
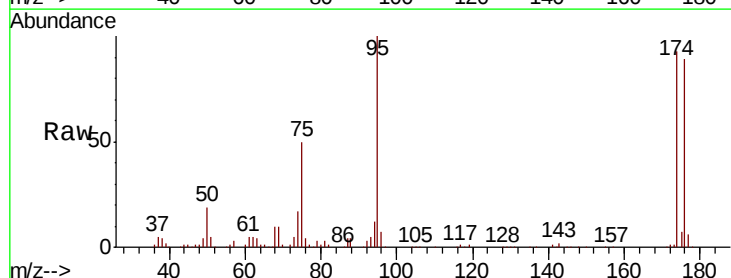
Instrument :
MSVOA_X
ClientSampleId :
VX1113MBL01

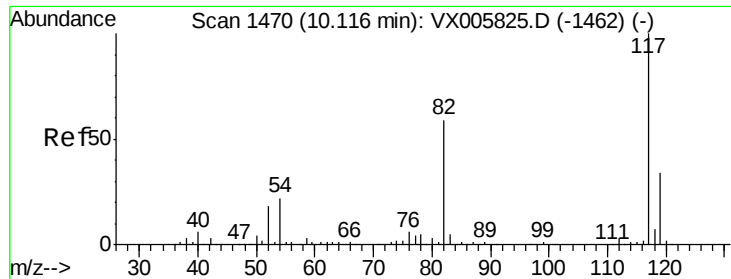
Tot Ion: 98 Resp: 167527
Ion Ratio Lower Upper
98 100
100 62.8 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 49.258 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005943.D
Acq: 13 Nov 2018 12:34

Tgt Ion: 95 Resp: 55663
Ion Ratio Lower Upper
95 100
174 90.8 0.0 184.4
176 86.9 0.0 177.4

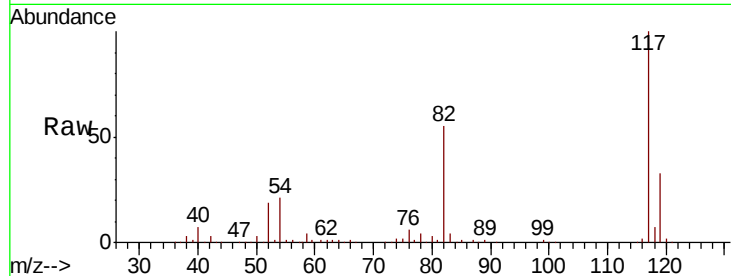




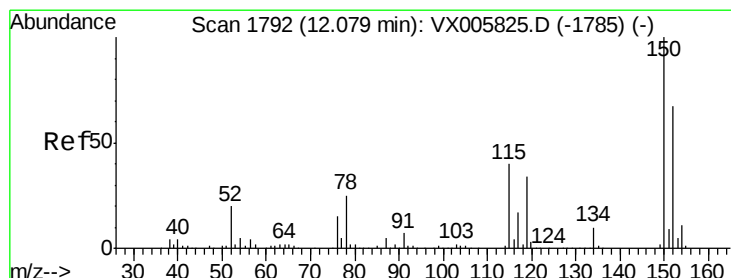
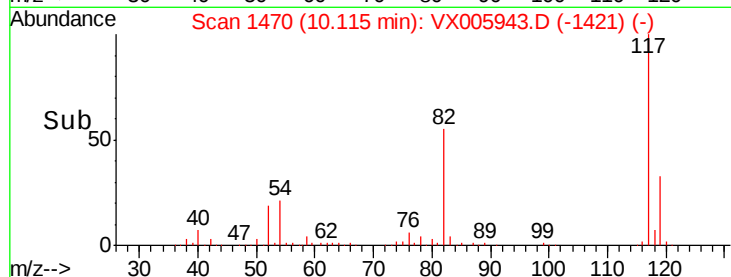
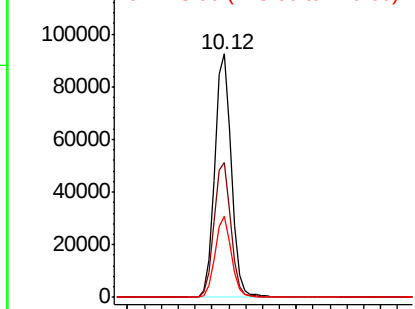
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005943.D
Acq: 13 Nov 2018 12:34

Instrument :
MSVOA_X
ClientSampleId :
VX1113MBL01

Tot Ion:117 Resp: 127033
Ion Ratio Lower Upper
117 100
82 55.4 44.1 66.1
119 33.1 26.2 39.2

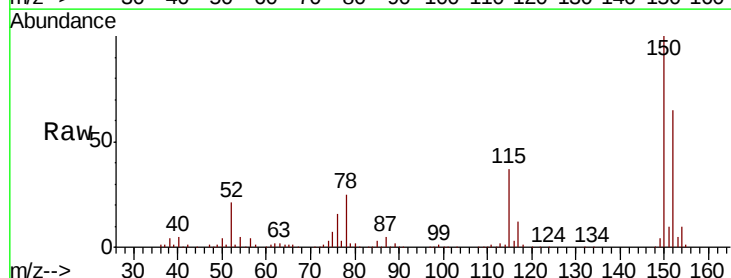


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

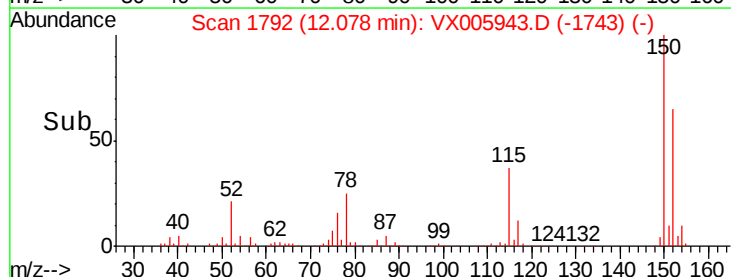
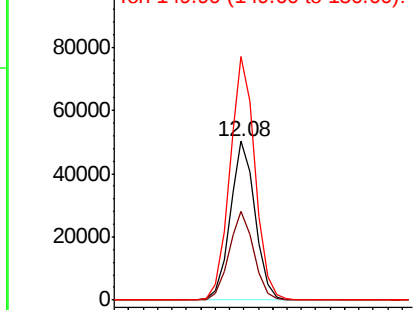


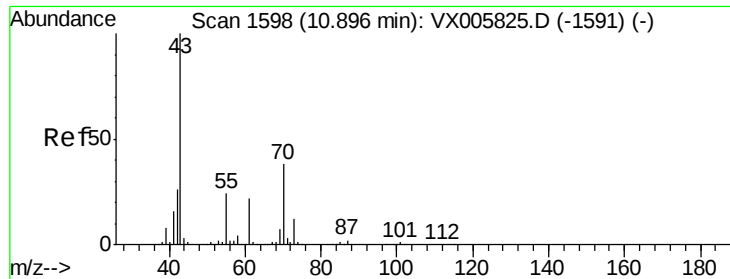
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005943.D
Acq: 13 Nov 2018 12:34

Tgt Ion:152 Resp: 60711
Ion Ratio Lower Upper
152 100
115 56.1 39.4 118.1
150 155.2 0.0 346.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

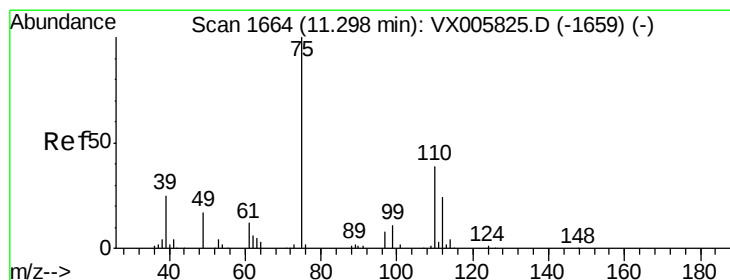
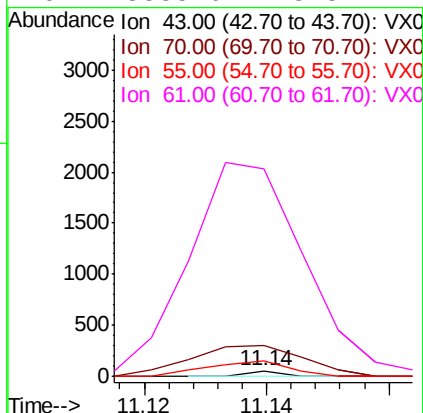
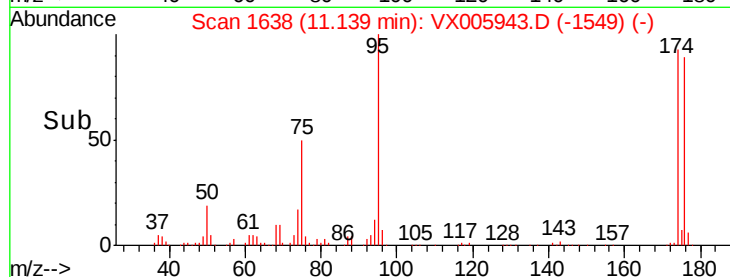
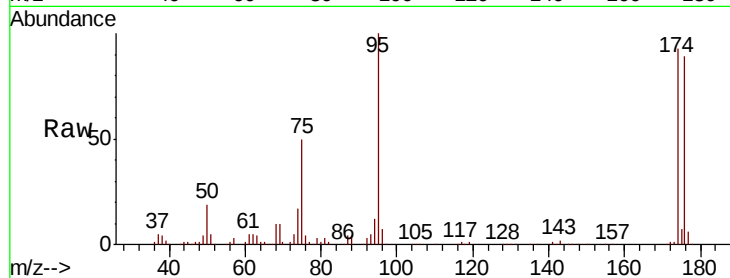




#74
N-amvl acetate
Concen: 1.261 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.24 min
Lab File: VX005943.D
Acq: 13 Nov 2018 12:34

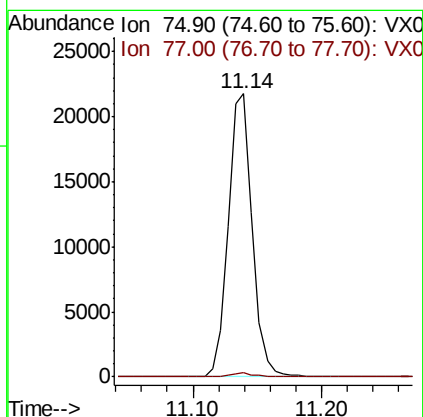
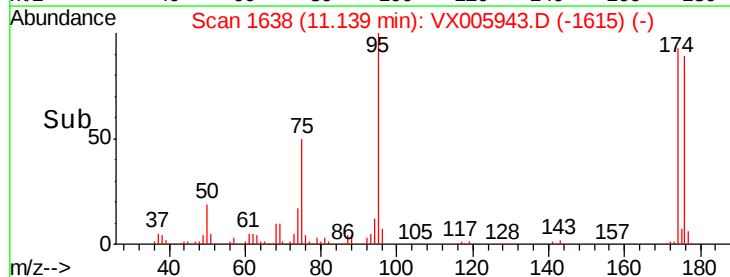
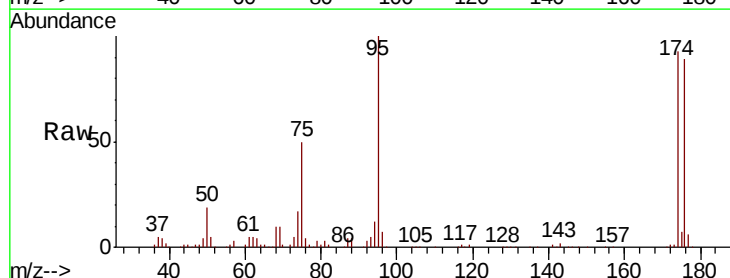
Instrument :
MSVOA_X
ClientSampleId :
VX1113MBL01

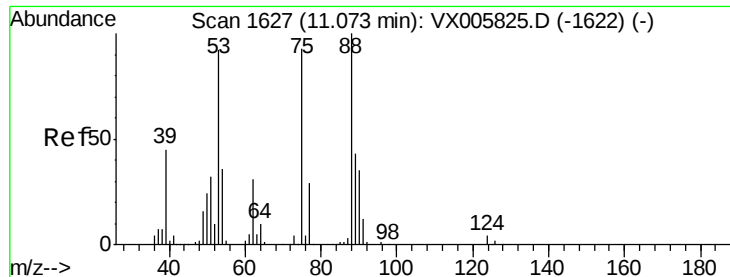
Tot Ion: 43 Resp: 20
Ion Ratio Lower Upper
43 100
70 1980.0 31.6 47.4#
55 675.0 19.7 29.5#
61 13835.0 18.3 27.5#



#76
1,2,3-Trichloropropane
Concen: 23.007 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.16 min
Lab File: VX005943.D
Acq: 13 Nov 2018 12:34

Tgt Ion: 75 Resp: 28442
Ion Ratio Lower Upper
75 100
77 1.3 20.5 61.6#





#81

trans-1,4-Dichloro-2-butene

Concen: 73.328 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.07 min

Lab File: VX005943.D

Acq: 13 Nov 2018 12:34

Instrument :

MSVOA_X

ClientSampleId :

VX1113MBL01

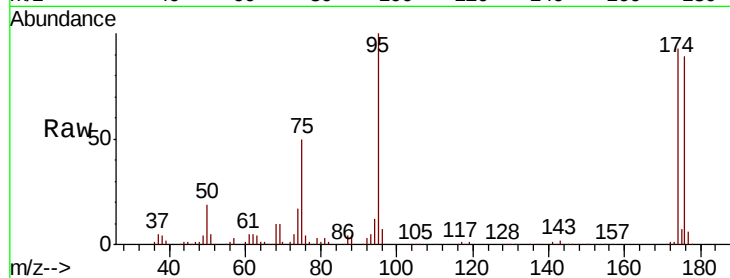
Tot Ion: 75 Resp: 28442

Ion Ratio Lower Upper

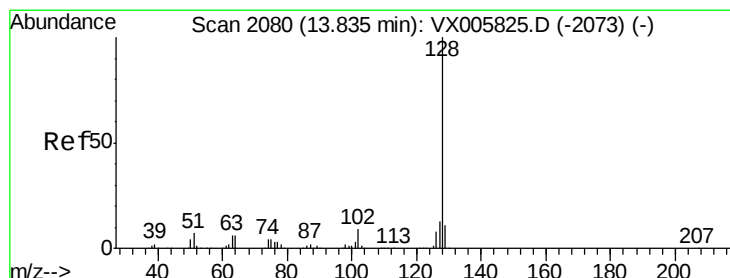
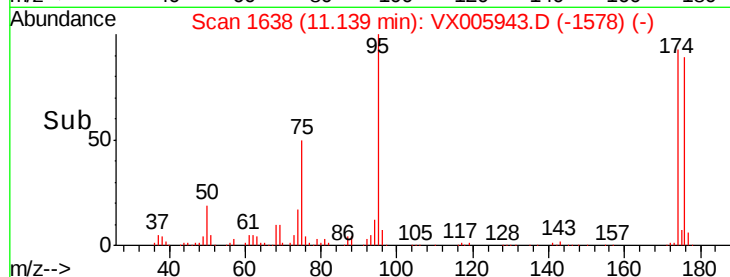
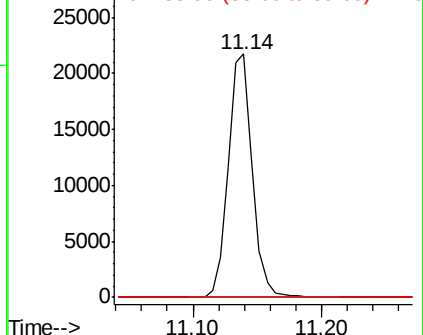
75 100

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: 1.215 ug/l

RT: 13.84 min Scan# 2081

Delta R.T. 0.01 min

Lab File: VX005943.D

Acq: 13 Nov 2018 12:34

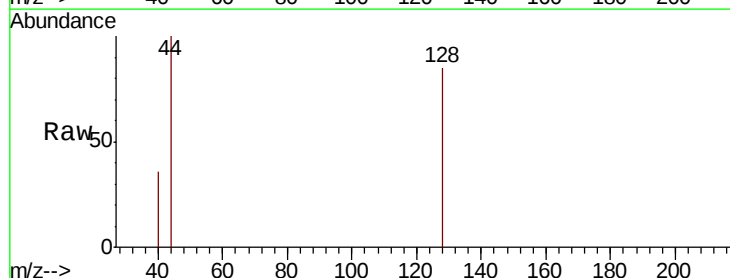
Tgt Ion:128 Resp: 170

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

