

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111418\
 Data File : VX005992.D
 Acq On : 14 Nov 2018 23:41
 Operator : JC/MD
 Sample : VX1114MBL02
 Misc : 5.0µl/10ml/100µl/5.00mL/MSVOA_X/MEOH
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1114MBL02

Quant Time: Nov 15 06:07:42 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	128496	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	175732	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	156220	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	75817	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	71390	48.33	ug/l	0.00
Spiked Amount			Recovery	=	96.66%	
35) Dibromofluoromethane	5.50	113	60404	50.54	ug/l	0.00
Spiked Amount			Recovery	=	101.08%	
50) Toluene-d8	8.71	98	207061	52.11	ug/l	0.00
Spiked Amount			Recovery	=	104.22%	
62) 4-Bromofluorobenzene	11.14	95	70499	49.35	ug/l	0.00
Spiked Amount			Recovery	=	98.70%	

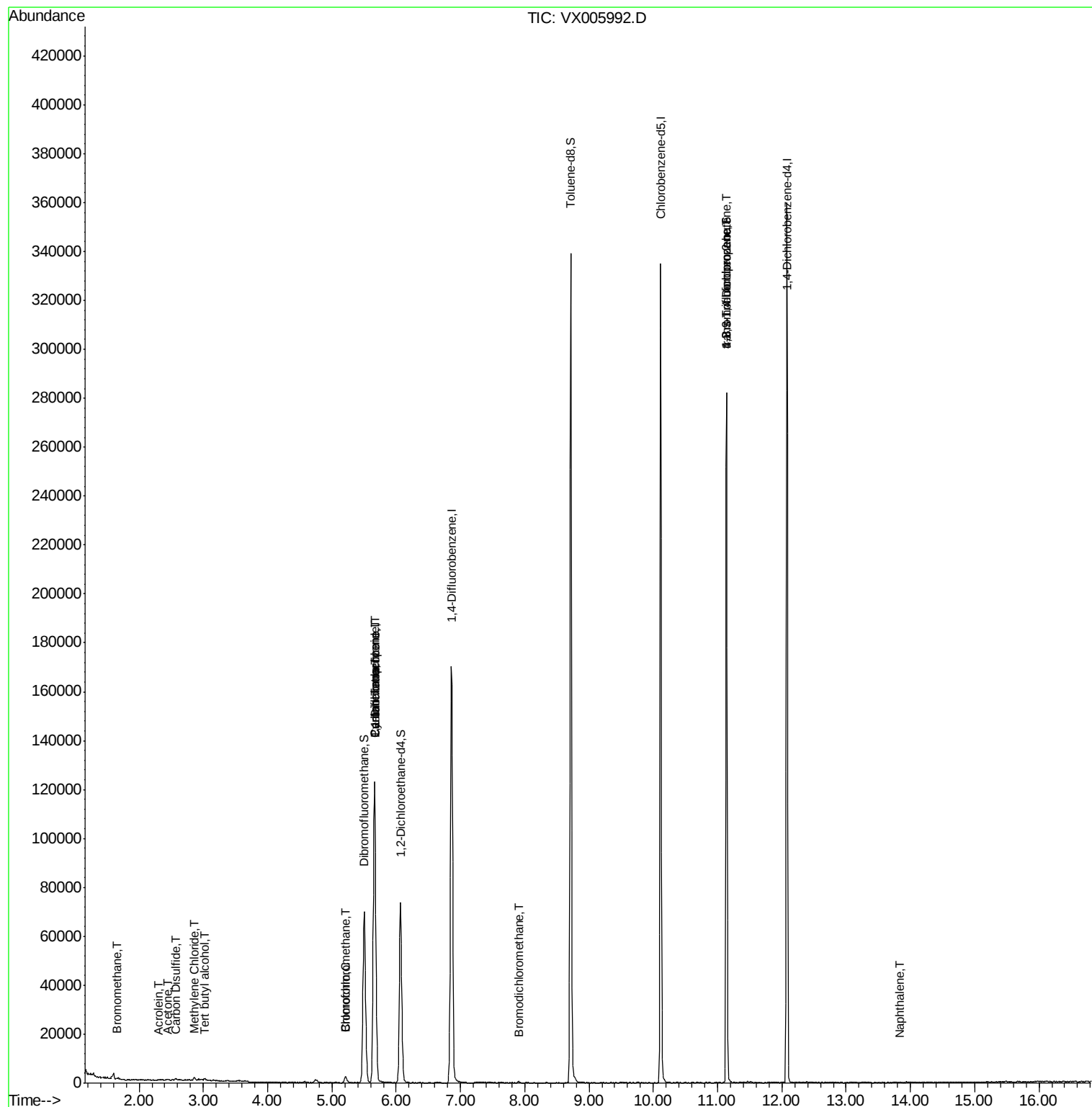
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	296	0.317	ug/l	90
11) Tert butyl alcohol	3.03	59	587	1.387	ug/l #	72
13) Acrolein	2.30	56	19	19.251	ug/l #	14
16) Acetone	2.45	43	502	0.631	ug/l #	89
17) Carbon Disulfide	2.57	76	742	0.219	ug/l #	87
18) Methyl Acetate	2.79	43	580	Below Cal	#	55
20) Methylene Chloride	2.85	84	469	0.359	ug/l	89
28) Bromochloromethane	5.22	49	213	0.201	ug/l #	15
30) Chloroform	5.21	83	2983	1.304	ug/l	88
31) Cyclohexane	5.66	56	2174	1.056	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	8144	4.807	ug/l #	50
38) Carbon Tetrachloride	5.66	117	10845	6.395	ug/l #	16
47) Bromodichloromethane	7.90	83	383	0.269	ug/l #	92
76) 1,2,3-Trichloropropane	11.14	75	35238	22.826	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.14	75	35238	72.749	ug/l #	9
84) 1,2,4-Trimethylbenzene	11.80	105	167	Below Cal		73
95) Naphthalene	13.84	128	257	1.223	ug/l #	69

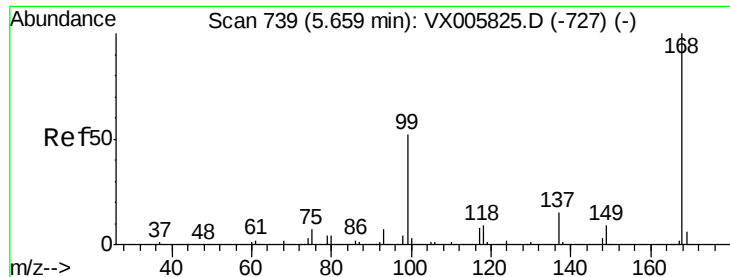
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX111418\
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Instrument :
MSVOA_X
ClientSampled :
VX1114MBL02

Quant Time: Nov 15 06:07:42 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: VX005992.D

Acq: 14 Nov 2018 23:41

Instrument :

MSVOA_X

ClientSampled :

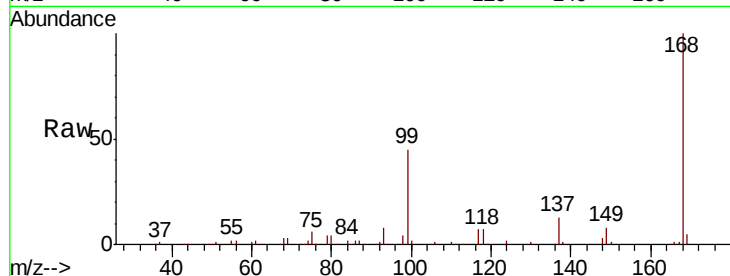
VX1114MBL02

Tot Ion:168 Resp: 128496

Ion Ratio Lower Upper

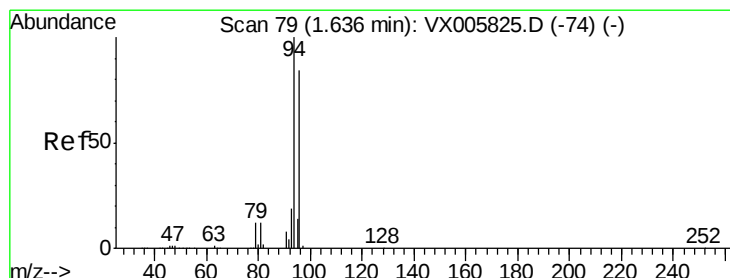
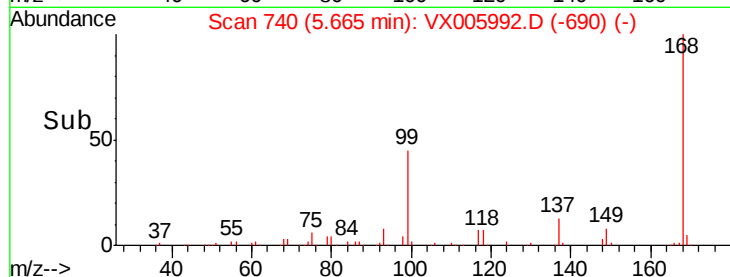
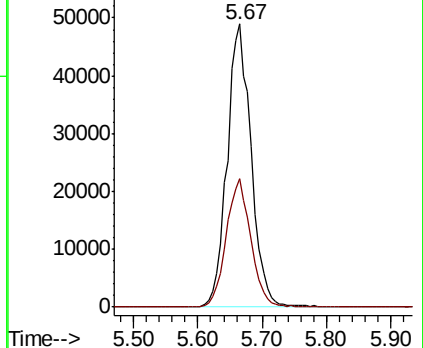
168 100

99 45.2 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: 0.317 ug/l

RT: 1.65 min Scan# 82

Delta R.T. 0.02 min

Lab File: VX005992.D

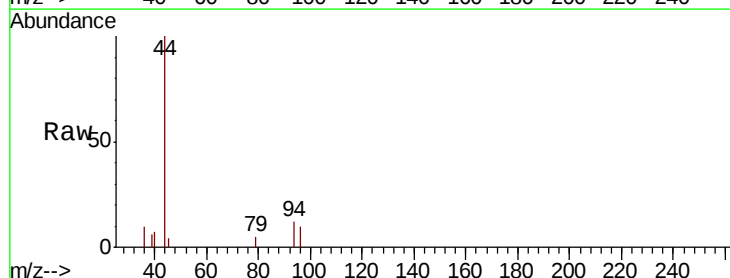
Acq: 14 Nov 2018 23:41

Tgt Ion: 94 Resp: 296

Ion Ratio Lower Upper

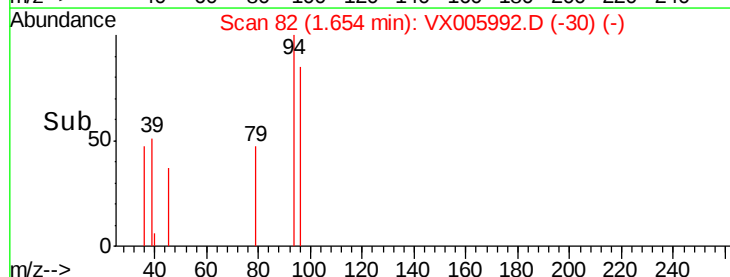
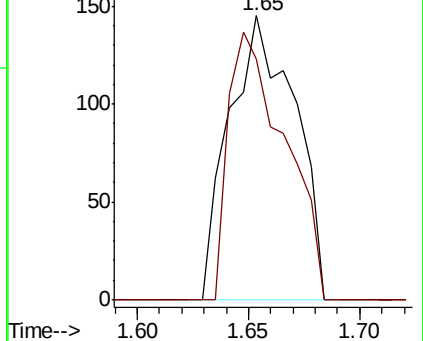
94 100

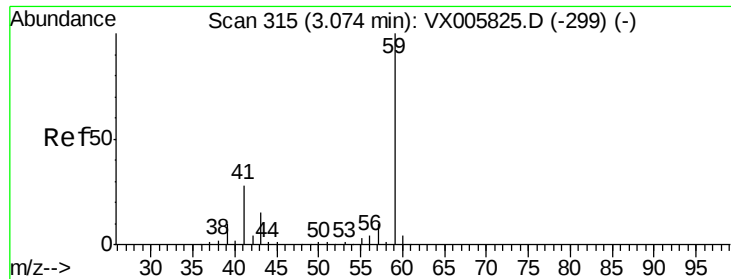
96 84.8 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



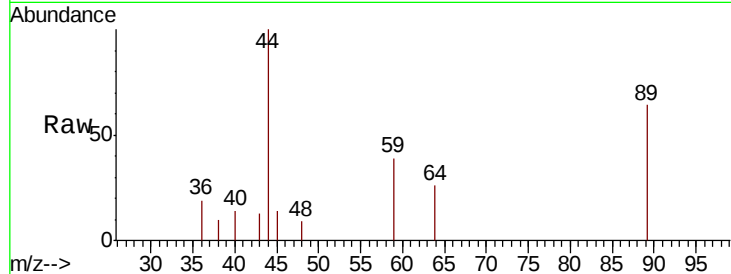


#11

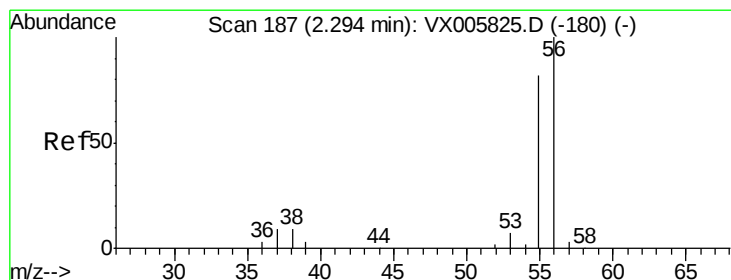
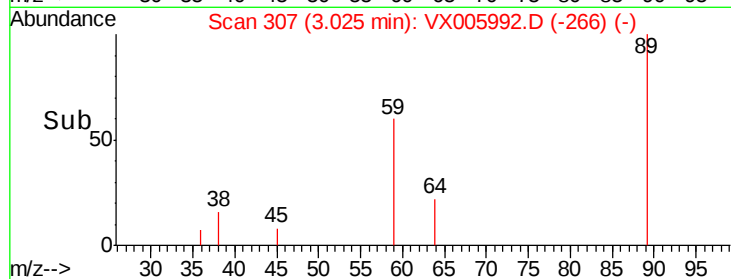
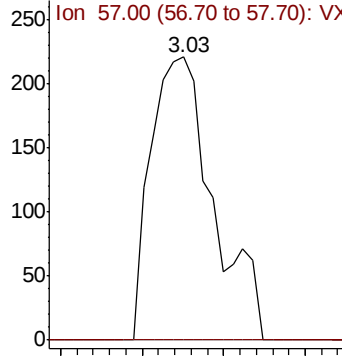
Tert butyl alcohol
 Concen: 1.387 ug/l
 RT: 3.03 min Scan# 307
 Delta R.T. -0.05 min
 Lab File: VX005992.D
 Acq: 14 Nov 2018 23:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1114MBL02

Tot Ion: 59 Resp: 587
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.5 12.7#



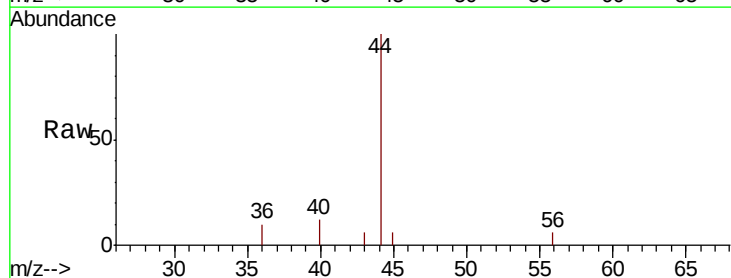
Abundance Ion 59.00 (58.70 to 59.70): VX0
 Ion 57.00 (56.70 to 57.70): VX0



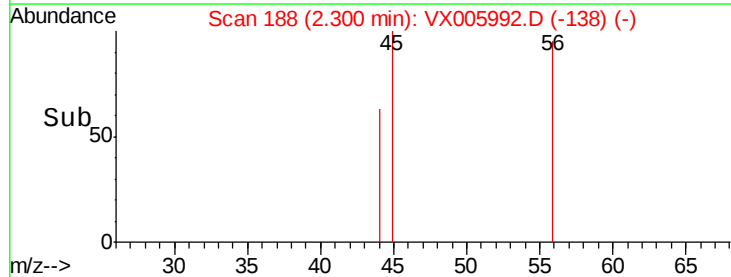
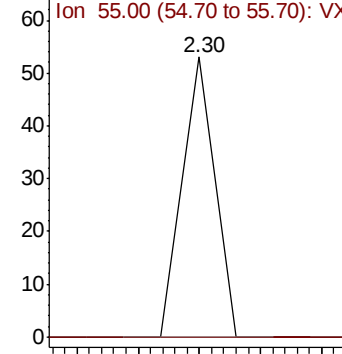
#13

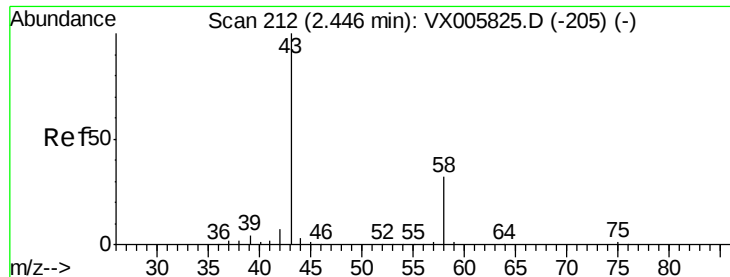
Acrolein
 Concen: 19.251 ug/l
 RT: 2.30 min Scan# 188
 Delta R.T. 0.01 min
 Lab File: VX005992.D
 Acq: 14 Nov 2018 23:41

Tgt Ion: 56 Resp: 19
 Ion Ratio Lower Upper
 56 100
 55 0.0 57.3 85.9#



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





#16

Acetone

Concen: 0.631 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005992.D

Acq: 14 Nov 2018 23:41

Instrument :

MSVOA_X

ClientSampleId :

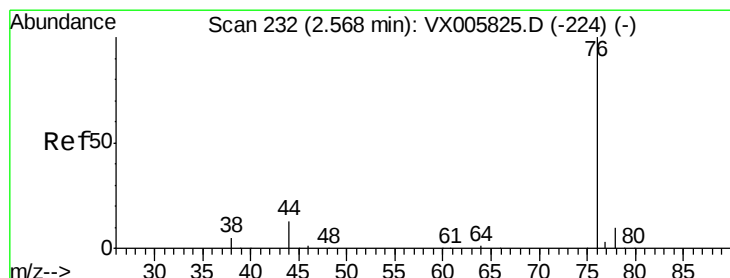
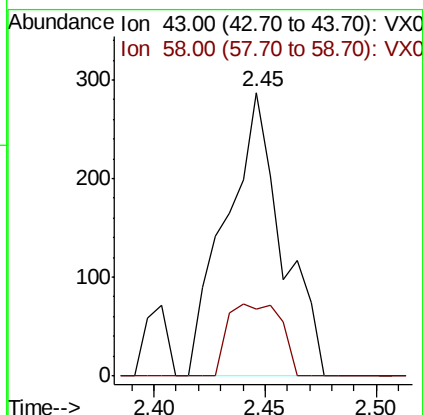
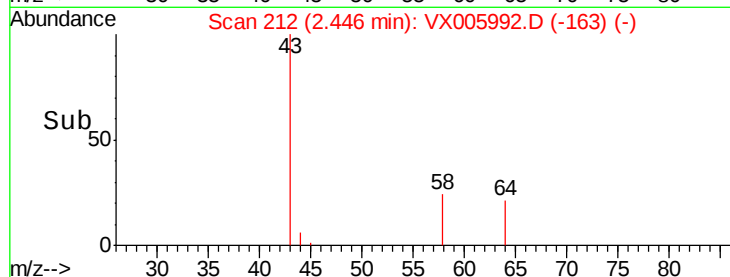
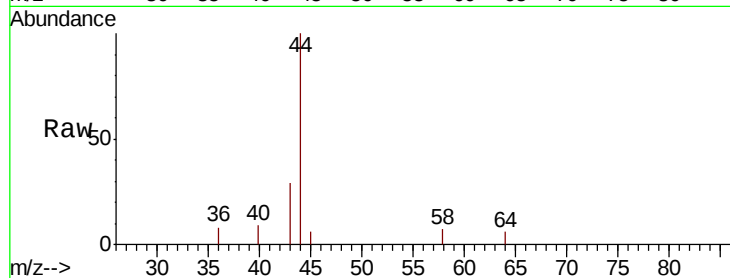
VX1114MBL02

Tot Ion: 43 Resp: 502

Ion Ratio Lower Upper

43 100

58 23.7 23.8 35.6#



#17

Carbon Disulfide

Concen: 0.219 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX005992.D

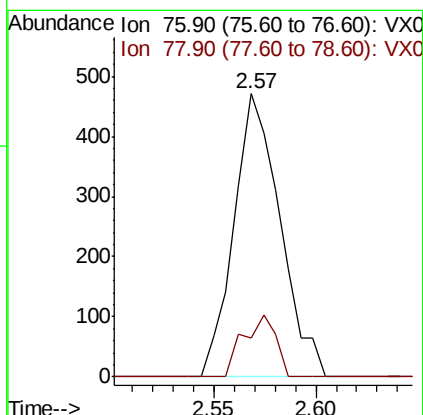
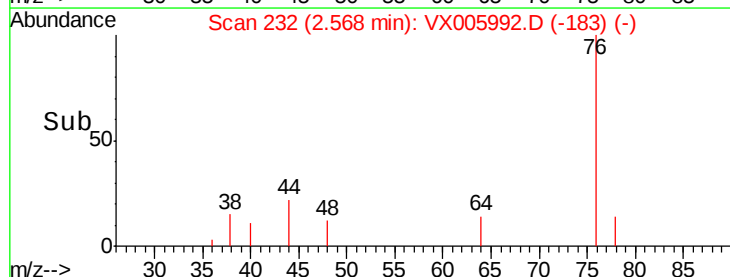
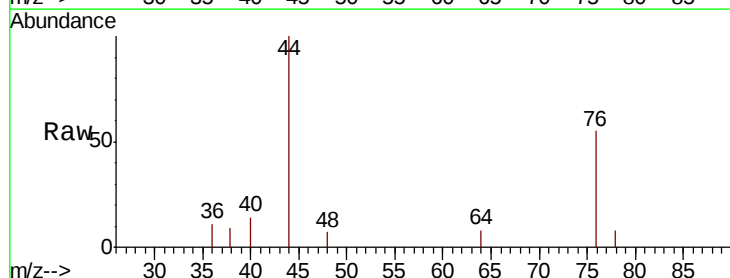
Acq: 14 Nov 2018 23:41

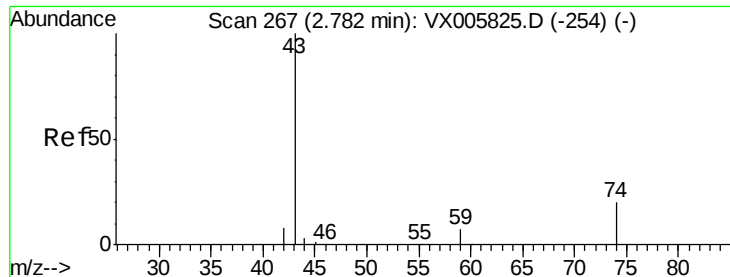
Tgt Ion: 76 Resp: 742

Ion Ratio Lower Upper

76 100

78 13.8 7.3 10.9#

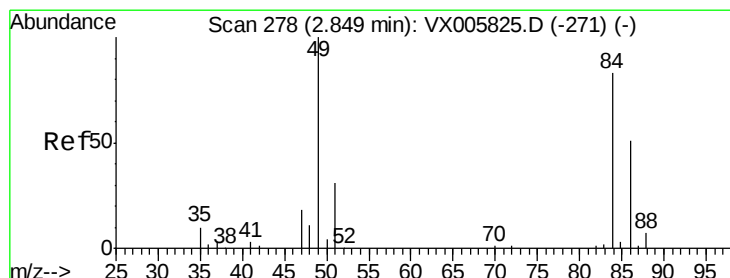
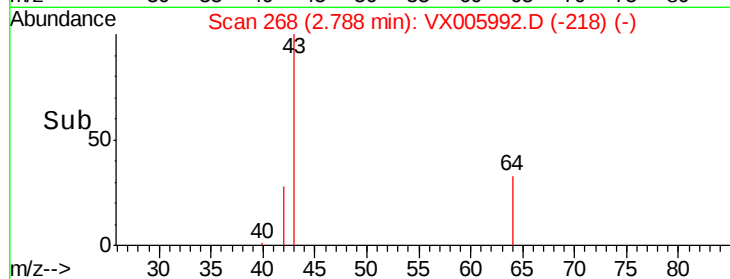
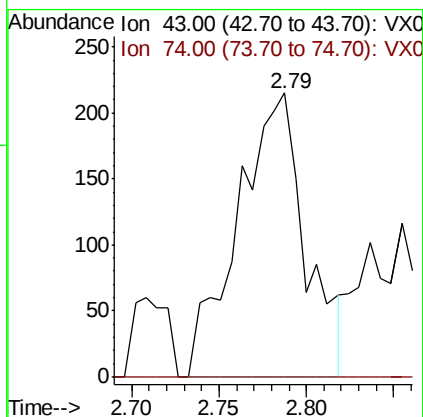
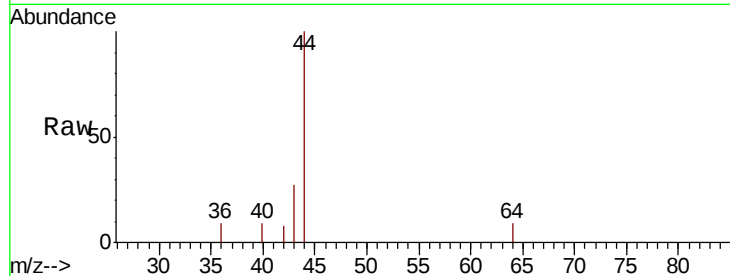




#18
Methyl Acetate
Concen: Below Cal
RT: 2.79 min Scan# 268
Delta R.T. 0.01 min
Lab File: VX005992.D
Acq: 14 Nov 2018 23:41

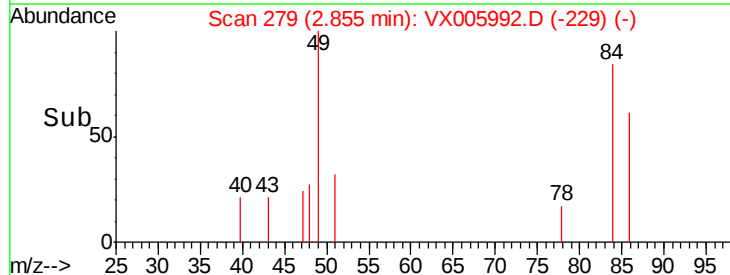
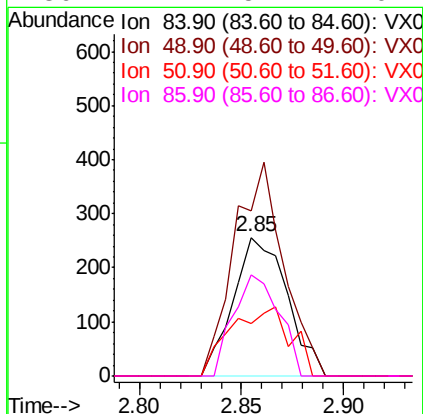
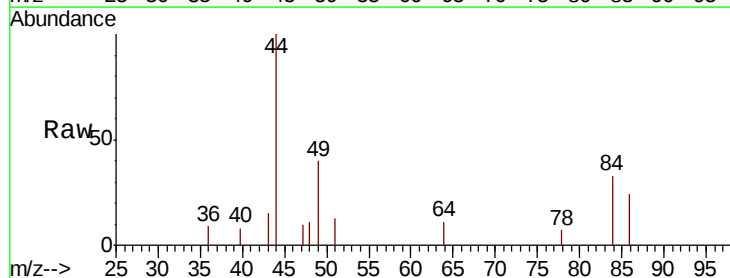
Instrument :
MSVOA_X
ClientSampleId :
VX1114MBL02

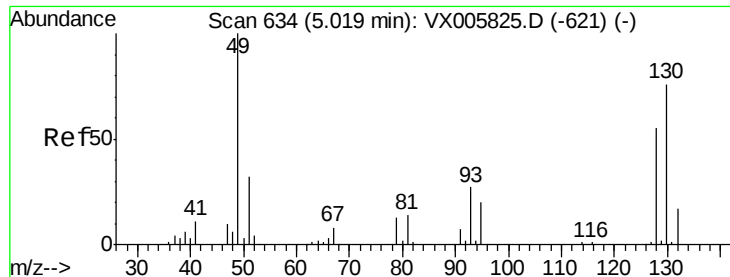
Tot Ion: 43 Resp: 580
Ion Ratio Lower Upper
43 100
74 0.0 16.8 25.2#



#20
Methylene Chloride
Concen: 0.359 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.01 min
Lab File: VX005992.D
Acq: 14 Nov 2018 23:41

Tgt Ion: 84 Resp: 469
Ion Ratio Lower Upper
84 100
49 119.5 109.5 164.3
51 38.3 33.3 49.9
86 72.7 52.7 79.1





#28

Bromochloromethane

Concen: 0.201 ug/l

RT: 5.22 min Scan# 667

Delta R.T. 0.20 min

Lab File: VX005992.D

Acq: 14 Nov 2018 23:41

Instrument :

MSVOA_X

ClientSampled :

VX1114MBL02

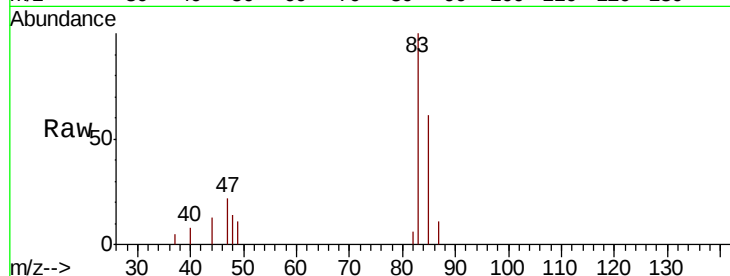
Tot Ion: 49 Resp: 213

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.0

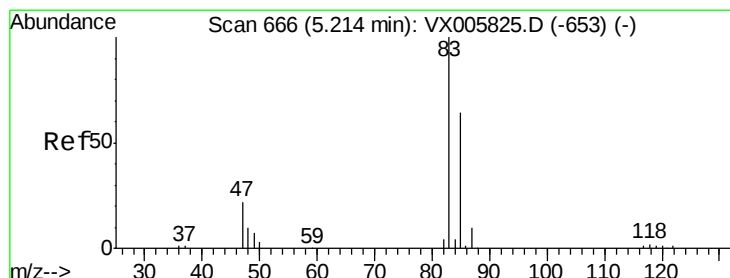
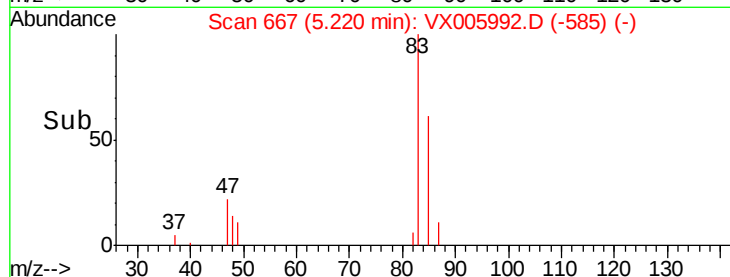
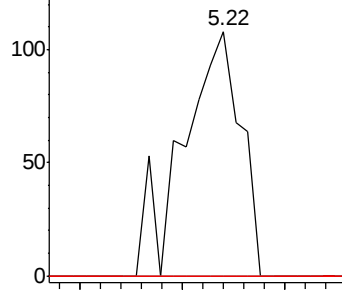
130 0.0 58.9 88.3#



Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



#30

Chloroform

Concen: 1.304 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.01 min

Lab File: VX005992.D

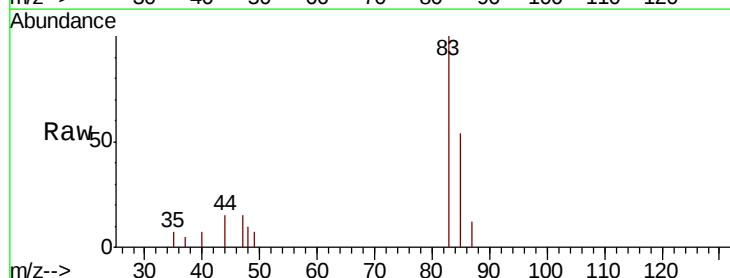
Acq: 14 Nov 2018 23:41

Tgt Ion: 83 Resp: 2983

Ion Ratio Lower Upper

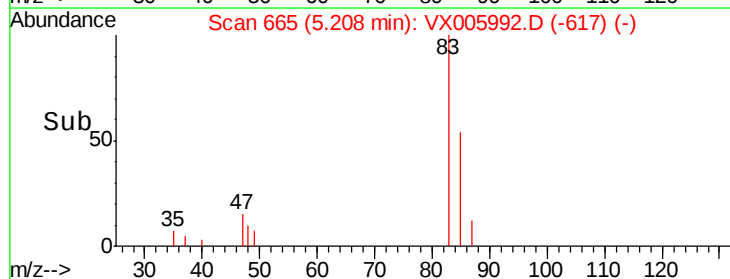
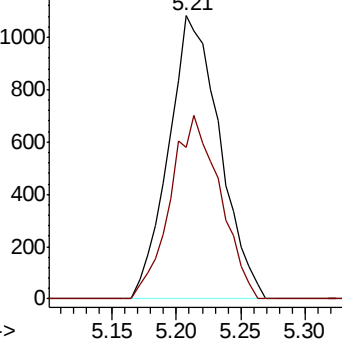
83 100

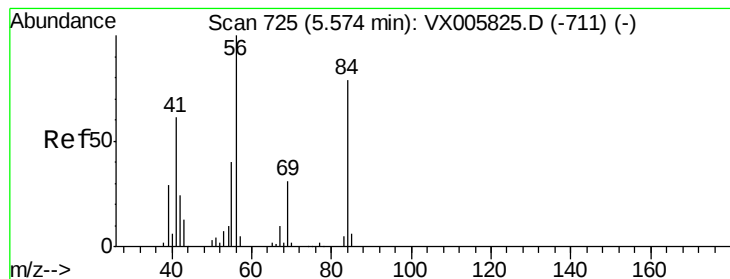
85 53.6 50.6 76.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 1.056 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.09 min

Lab File: VX005992.D

Acq: 14 Nov 2018 23:41

Instrument :

MSVOA_X

ClientSampleId :

VX1114MBL02

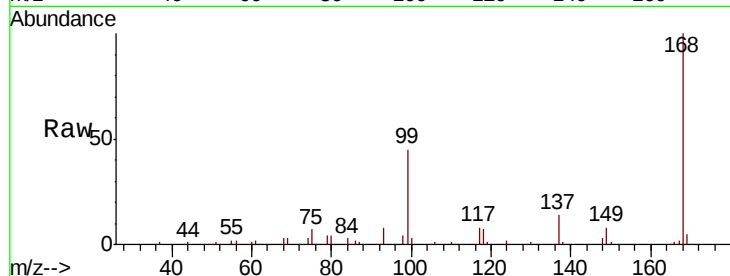
Tot Ion: 56 Resp: 2174

Ion Ratio Lower Upper

56 100

69 175.6 22.6 34.0#

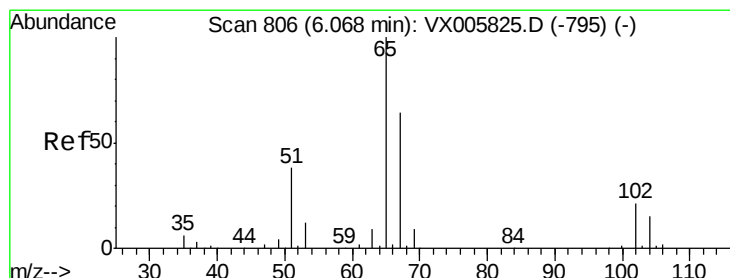
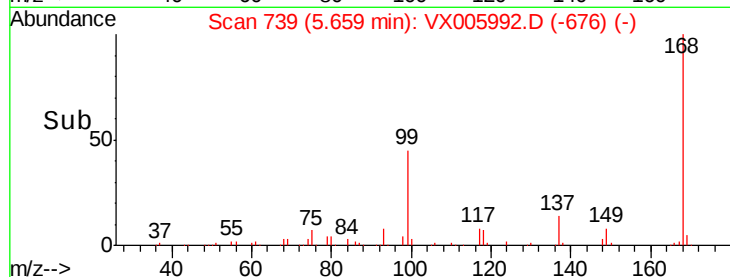
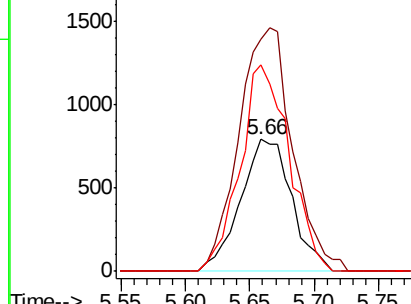
84 156.1 62.7 94.1#



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: 48.327 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX005992.D

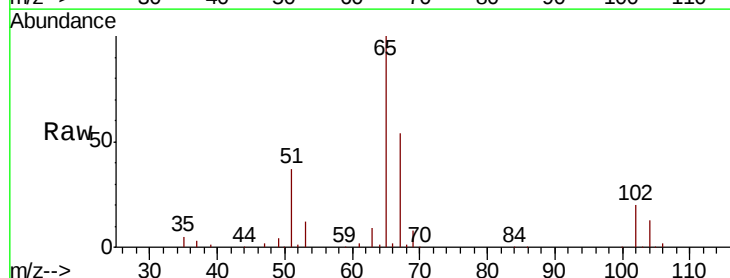
Acq: 14 Nov 2018 23:41

Tgt Ion: 65 Resp: 71390

Ion Ratio Lower Upper

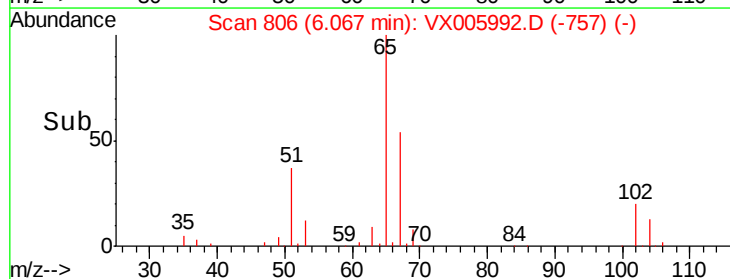
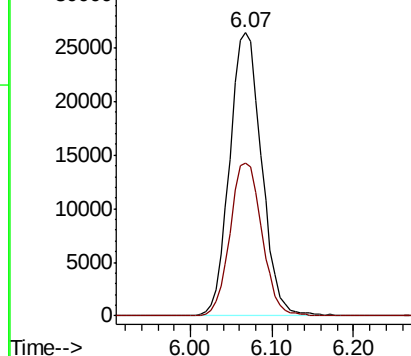
65 100

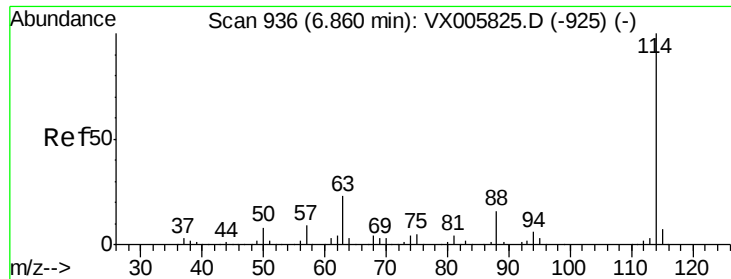
67 53.7 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

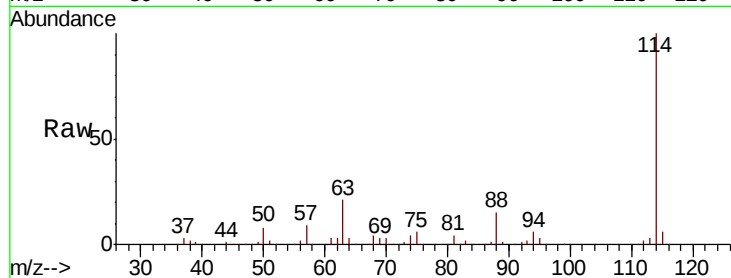




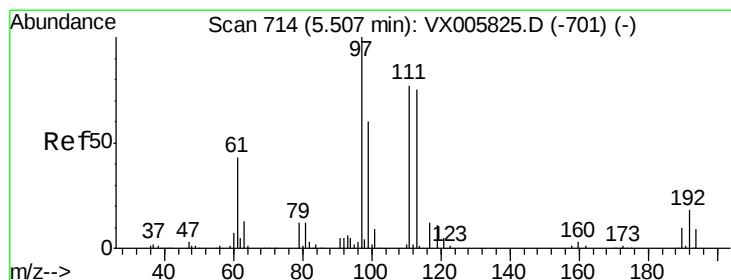
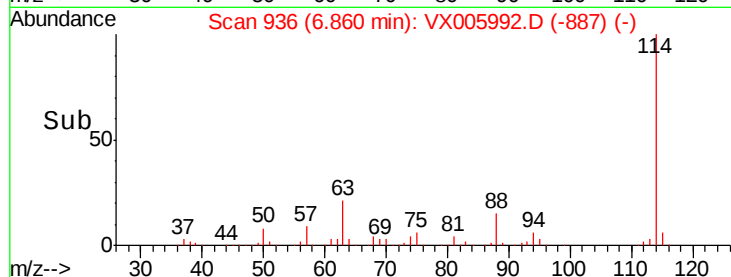
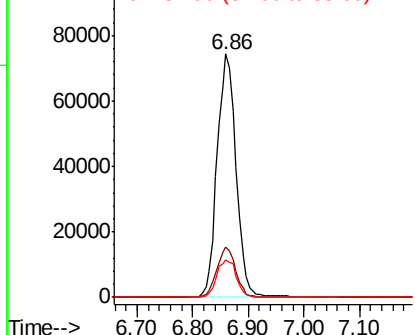
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005992.D
 Acq: 14 Nov 2018 23:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1114MBL02

Tot Ion:114 Resp: 175732
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 42.8
 88 15.2 0.0 31.2

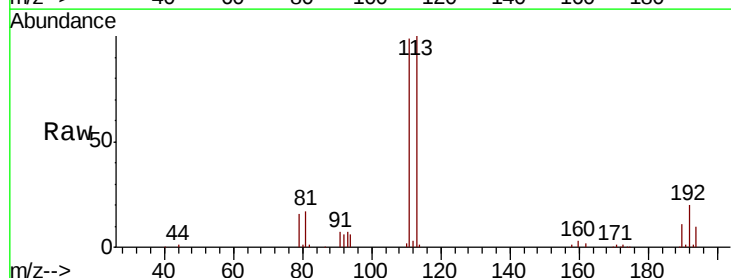


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

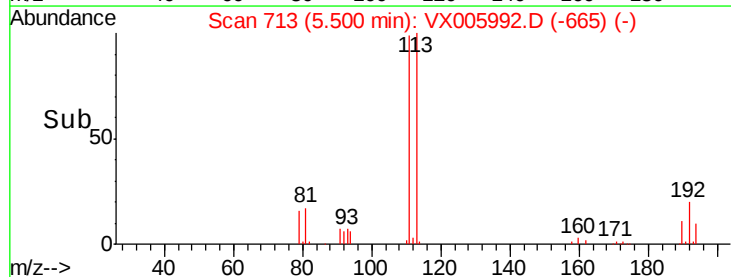
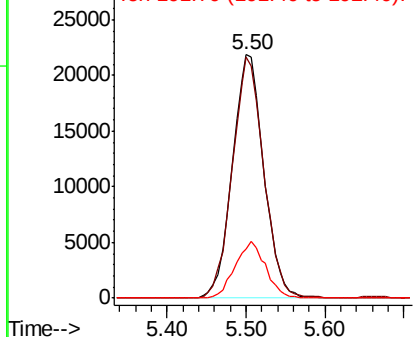


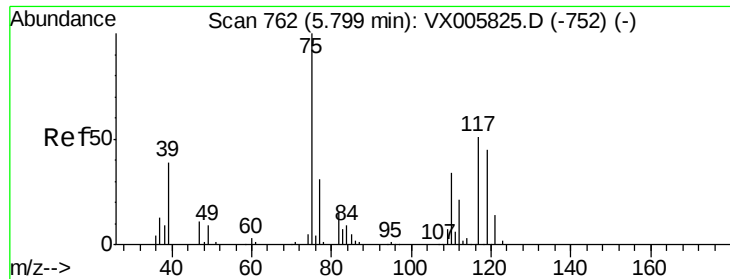
#35
 Dibromofluoromethane
 Concen: 50.537 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.01 min
 Lab File: VX005992.D
 Acq: 14 Nov 2018 23:41

Tgt Ion:113 Resp: 60404
 Ion Ratio Lower Upper
 113 100
 111 98.5 82.3 123.5
 192 22.6 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

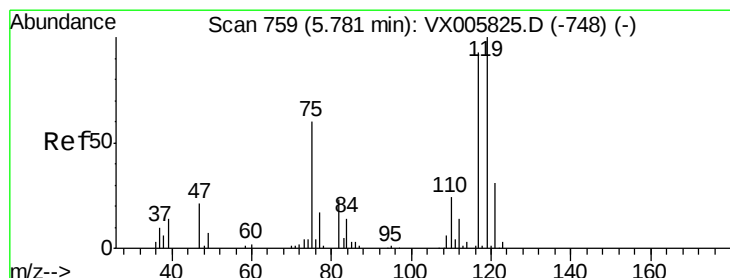
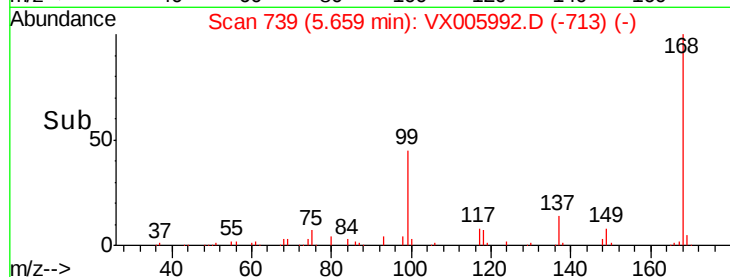
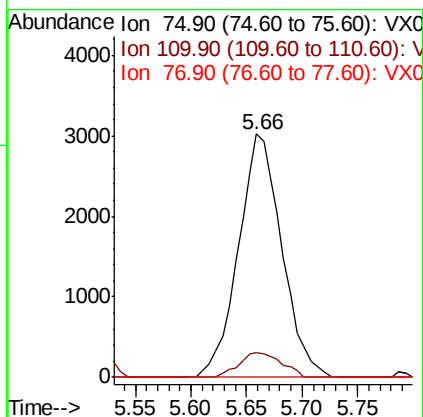
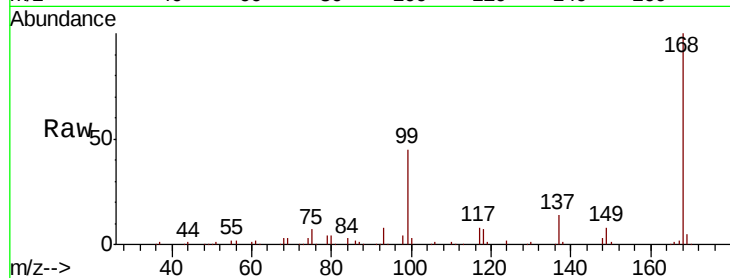




#36
 1,1-Dichloropropene
 Concen: 4.807 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX005992.D
 Acq: 14 Nov 2018 23:41

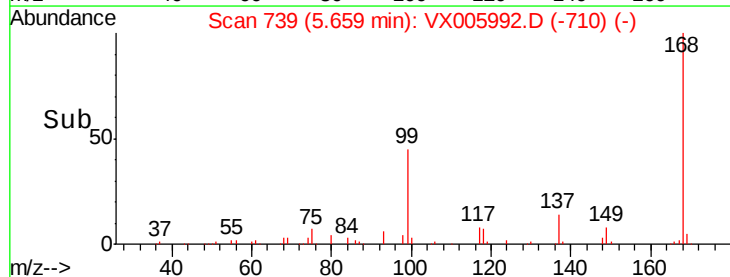
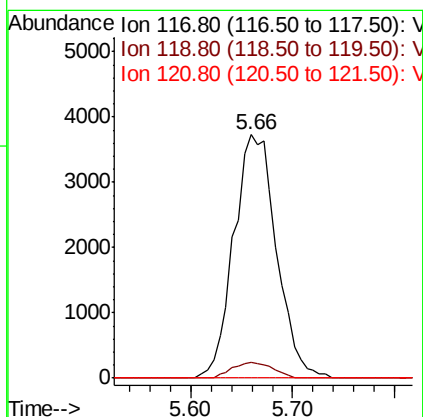
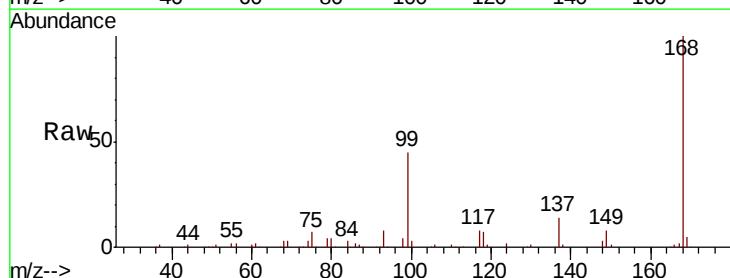
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1114MBL02

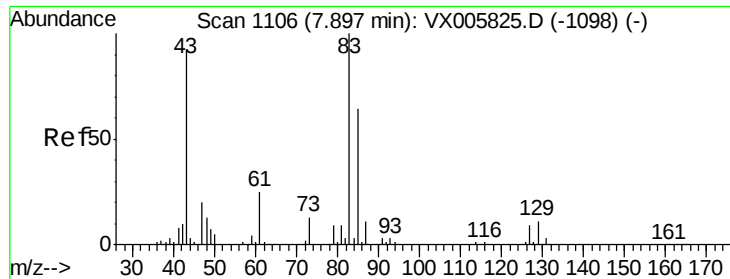
Tot Ion	75	Resp	8144
Ion Ratio	100	Lower	Upper
110	9.9	17.4	52.2#
77	0.0	25.8	38.6#



#38
 Carbon Tetrachloride
 Concen: 6.395 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.12 min
 Lab File: VX005992.D
 Acq: 14 Nov 2018 23:41

Tgt Ion	117	Resp	10845
Ion Ratio	100	Lower	Upper
119	6.4	78.1	117.1#
121	0.0	24.6	36.8#





#47

Bromodichloromethane

Concen: 0.269 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX005992.D

Acq: 14 Nov 2018 23:41

Instrument :

MSVOA_X

ClientSampleId :

VX1114MBL02

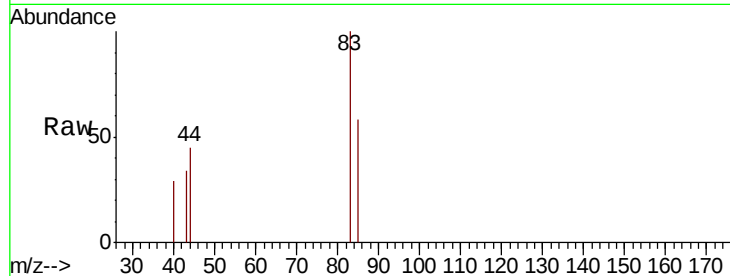
Tot Ion: 83 Resp: 383

Ion Ratio Lower Upper

83 100

85 58.1 50.2 75.4

127 0.0 6.9 10.3#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V

7.90

250

200

150

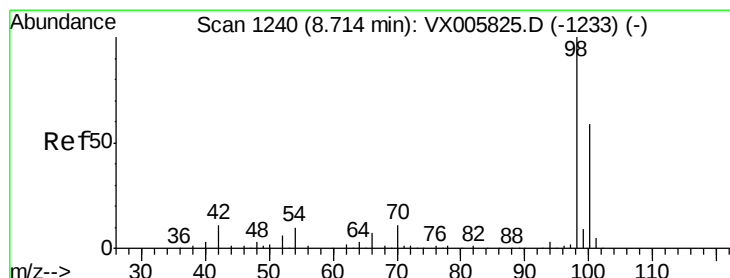
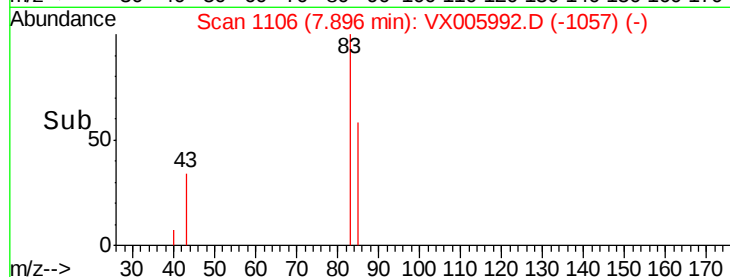
100

50

0

7.85 7.90 7.95

Time-->



#50

Toluene-d8

Concen: 52.108 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX005992.D

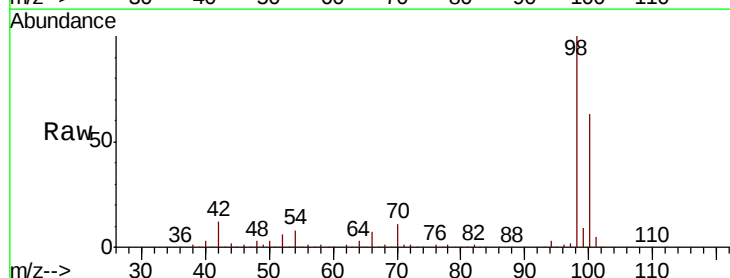
Acq: 14 Nov 2018 23:41

Tgt Ion: 98 Resp: 207061

Ion Ratio Lower Upper

98 100

100 63.1 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

150000

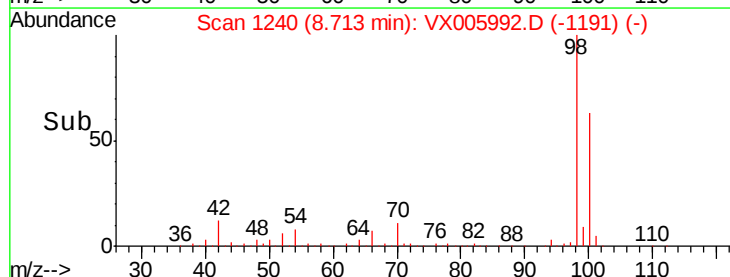
100000

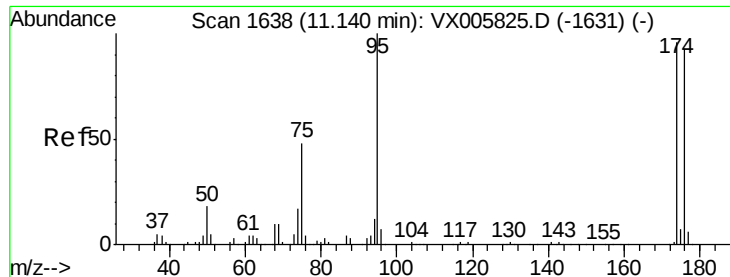
50000

0

8.60 8.70 8.80 8.90

Time-->

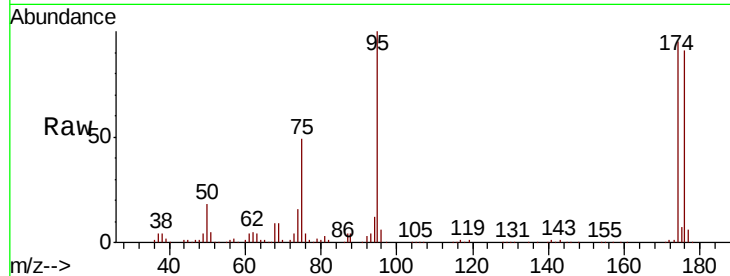




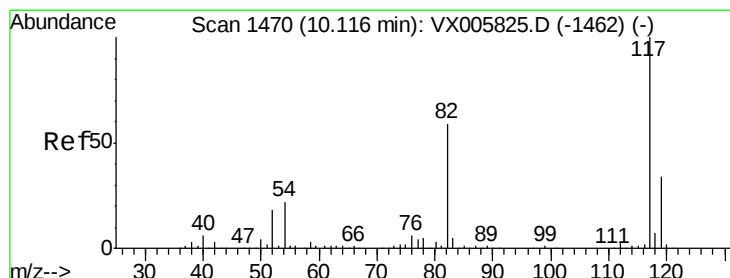
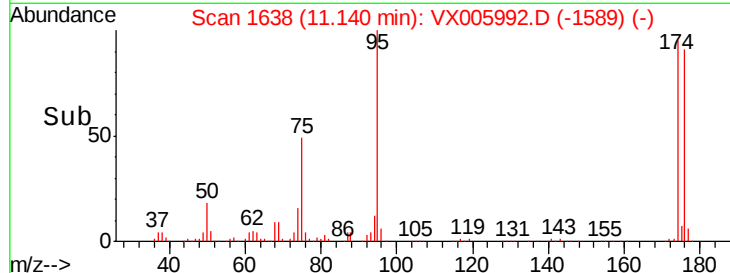
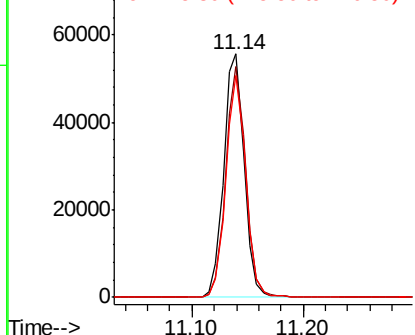
#62
4-Bromofluorobenzene
Concen: 49.345 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005992.D
Acq: 14 Nov 2018 23:41

Instrument :
MSVOA_X
ClientSampleId :
VX1114MBL02

Tot Ion: 95 Resp: 70499
Ion Ratio Lower Upper
95 100
174 92.5 0.0 184.4
176 88.6 0.0 177.4

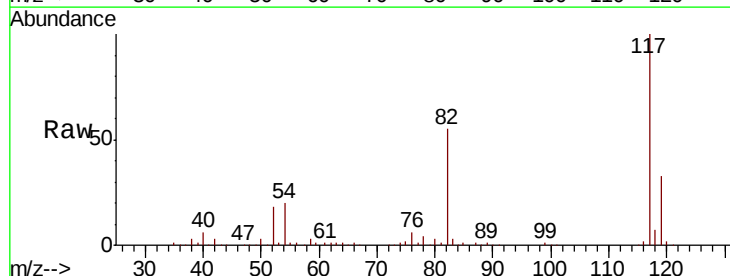


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

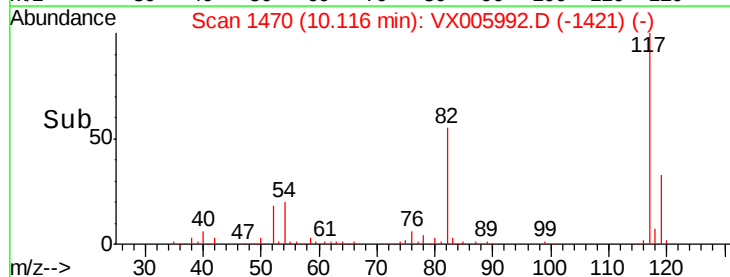
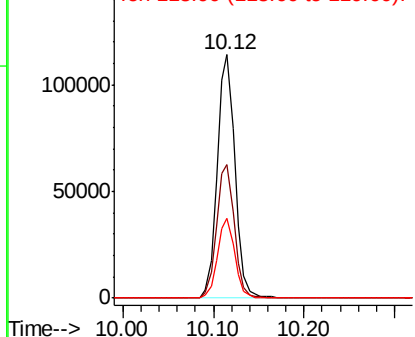


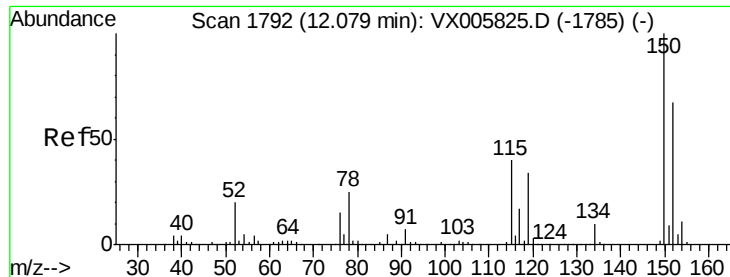
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005992.D
Acq: 14 Nov 2018 23:41

Tgt Ion: 117 Resp: 156220
Ion Ratio Lower Upper
117 100
82 54.9 44.1 66.1
119 32.6 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: VX005992.D

Acq: 14 Nov 2018 23:41

Instrument :

MSVOA_X

ClientSampleId :

VX1114MBL02

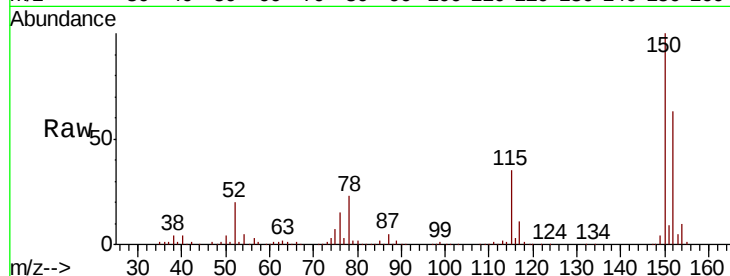
Tot Ion:152 Resp: 75817

Ion Ratio Lower Upper

152 100

115 55.9 39.4 118.1

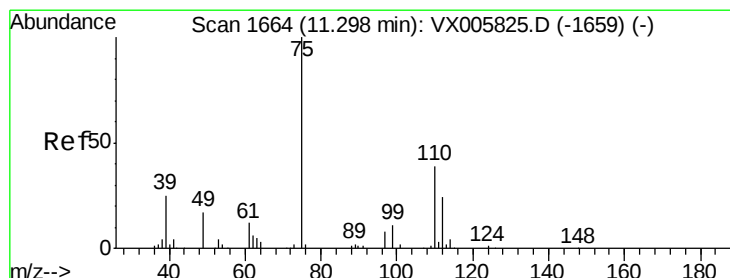
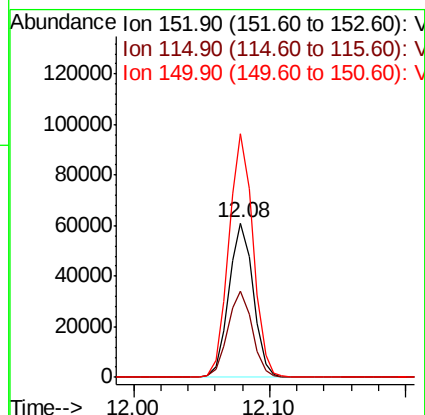
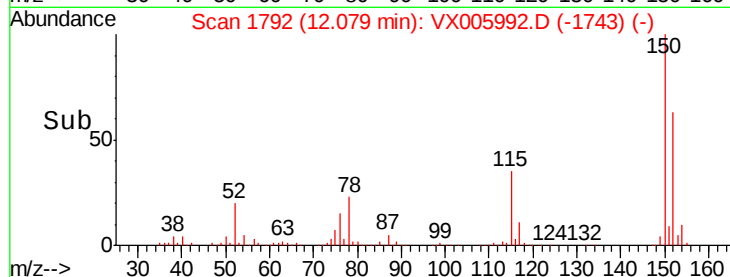
150 157.3 0.0 346.4



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



#76

1,2,3-Trichloropropane

Concen: 22.826 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX005992.D

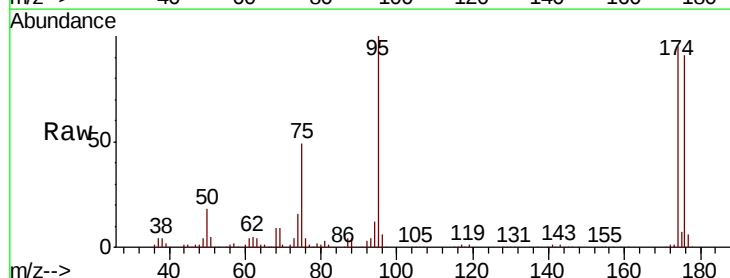
Acq: 14 Nov 2018 23:41

Tgt Ion: 75 Resp: 35238

Ion Ratio Lower Upper

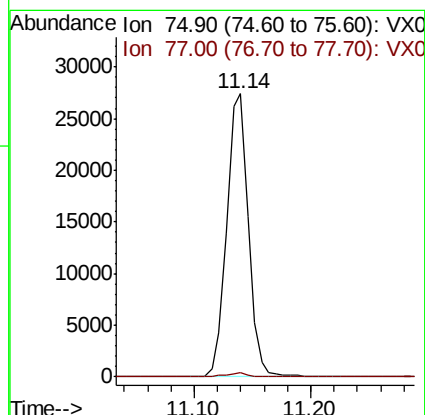
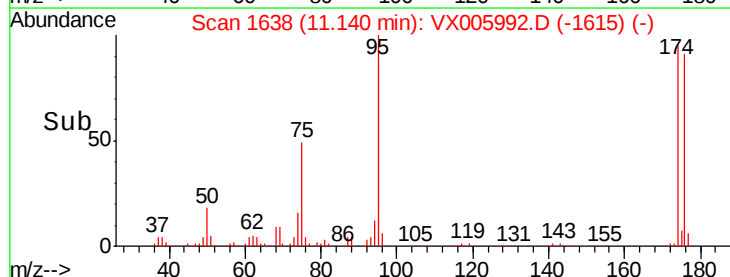
75 100

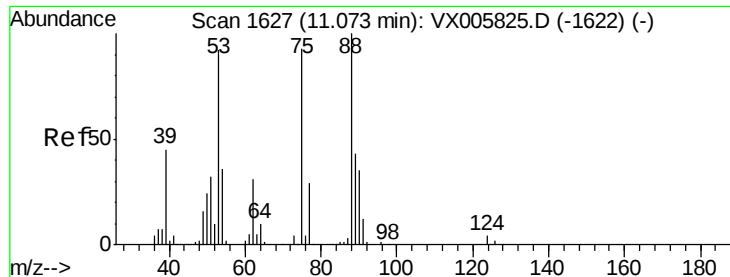
77 1.2 20.5 61.6#



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: 72.749 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.07 min

Lab File: VX005992.D

Acq: 14 Nov 2018 23:41

Instrument :

MSVOA_X

ClientSampleId :

VX1114MBL02

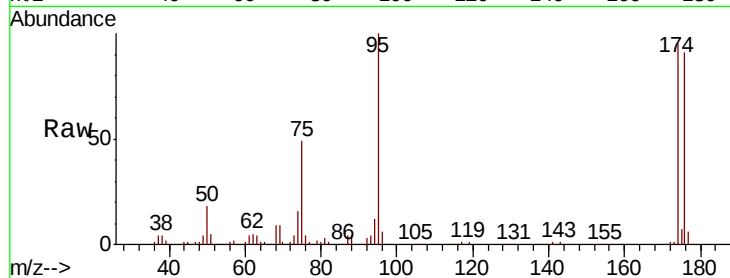
Tot Ion: 75 Resp: 35238

Ion Ratio Lower Upper

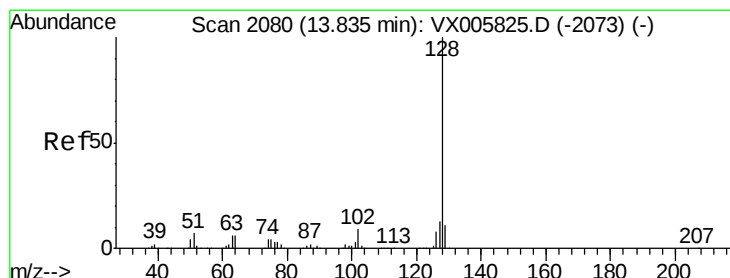
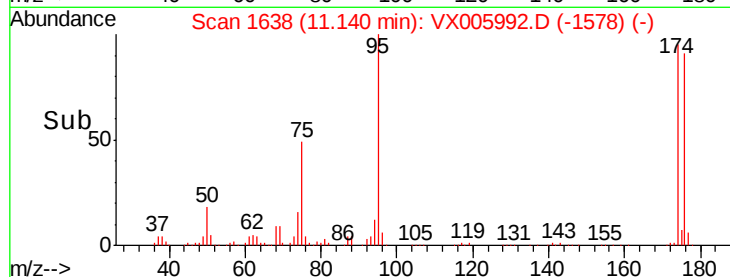
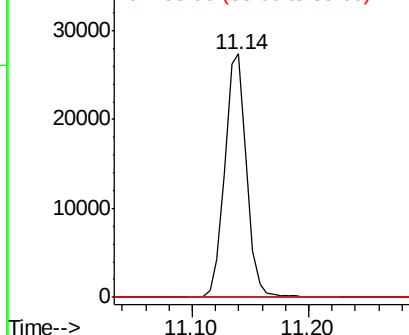
75 100

53 0.2 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: 1.223 ug/l

RT: 13.84 min Scan# 2081

Delta R.T. 0.01 min

Lab File: VX005992.D

Acq: 14 Nov 2018 23:41

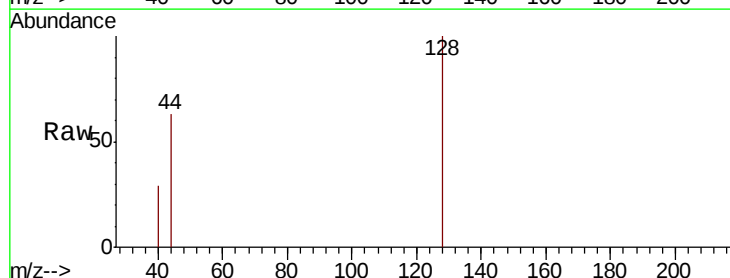
Tgt Ion: 128 Resp: 257

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

