

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111518\
 Data File : VX006025.D
 Acq On : 15 Nov 2018 17:33
 Operator : JC/MD
 Sample : J5860-24ME
 Misc : 4.56g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EP2-SB-111(14-16)ME

Quant Time: Nov 16 00:18:31 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	137811	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	194147	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	176628	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	123033	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	79480	50.17	ug/l	0.00
Spiked Amount			Recovery	=	100.34%	
35) Dibromofluoromethane	5.51	113	60289	45.66	ug/l	0.00
Spiked Amount			Recovery	=	91.32%	
50) Toluene-d8	8.71	98	233622	53.22	ug/l	0.00
Spiked Amount			Recovery	=	106.44%	
62) 4-Bromofluorobenzene	11.14	95	87604	55.50	ug/l	0.00
Spiked Amount			Recovery	=	111.00%	

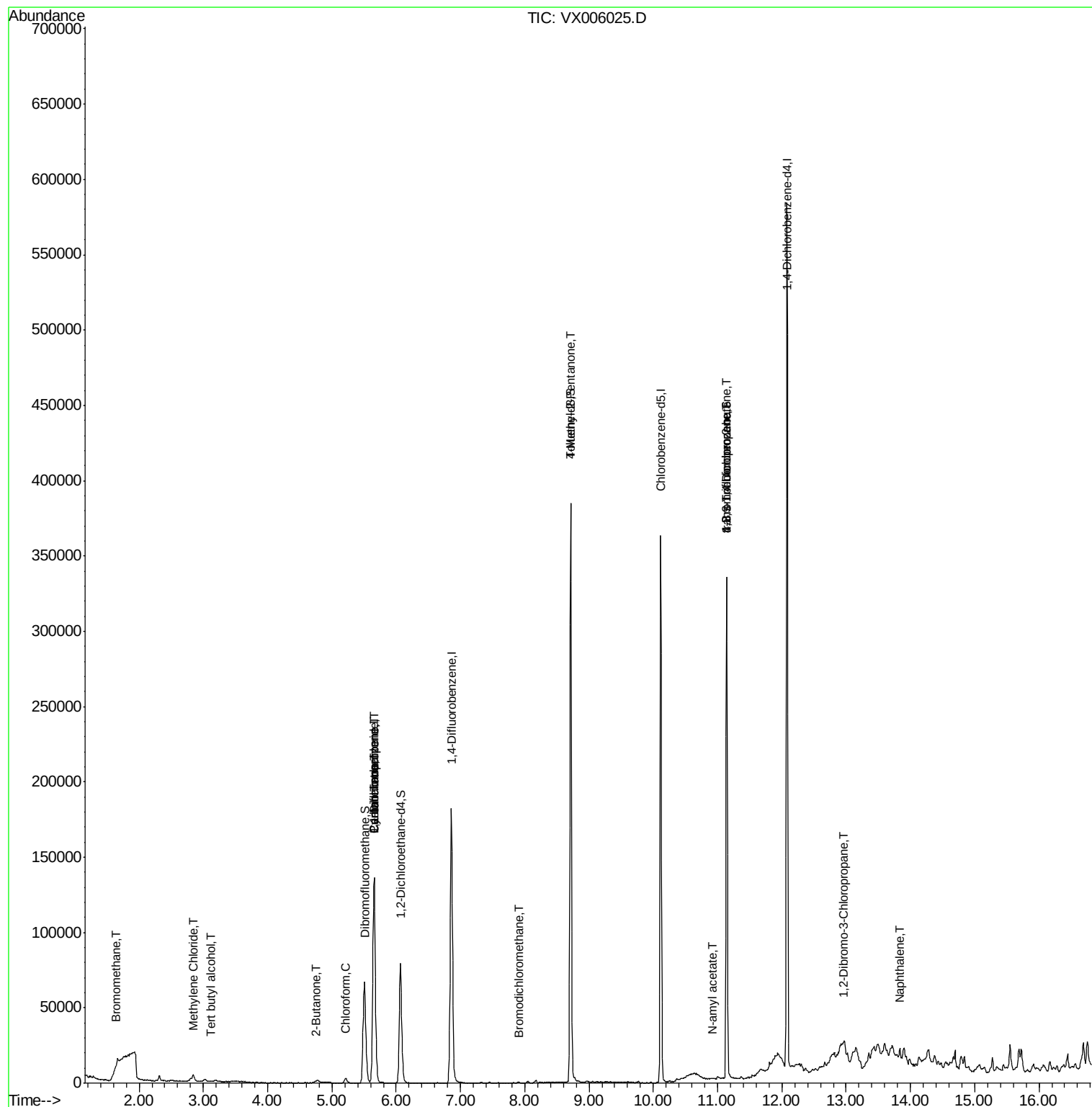
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.63	94	493	0.492	ug/l	89
11) Tert butyl alcohol	3.12	59	176	0.388	ug/l #	72
18) Methyl Acetate	2.80	43	1706	Below Cal		96
20) Methylene Chloride	2.84	84	2176	1.553	ug/l	92
25) 2-Butanone	4.74	43	1135	0.846	ug/l #	87
30) Chloroform	5.21	83	3767	1.536	ug/l	96
31) Cyclohexane	5.66	56	2422	1.097	ug/l #	1
36) 1,1-Dichloropropene	5.65	75	9556	5.106	ug/l #	48
38) Carbon Tetrachloride	5.66	117	11618	6.201	ug/l #	16
47) Bromodichloromethane	7.91	83	391	0.249	ug/l #	78
51) 4-Methyl-2-Pentanone	8.71	43	1260	0.561	ug/l #	1
74) N-amyl acetate	10.91	43	109	1.277	ug/l #	44
76) 1,2,3-Trichloropropane	11.14	75	42573	16.994	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.14	75	42573	54.162	ug/l #	9
92) 1,2-Dibromo-3-Chloropropan	12.96	75	242	0.380	ug/l #	1
95) Naphthalene	13.83	128	6339	1.877	ug/l	97

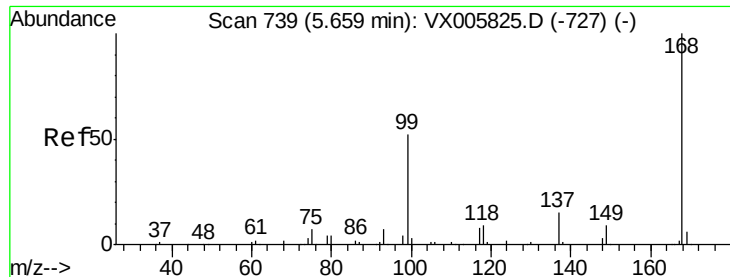
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX111518\
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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# 739

Delta R.T. -0.00 min

Lab File: VX006025.D

Acq: 15 Nov 2018 17:33

Instrument :

MSVOA_X

ClientSampleId :

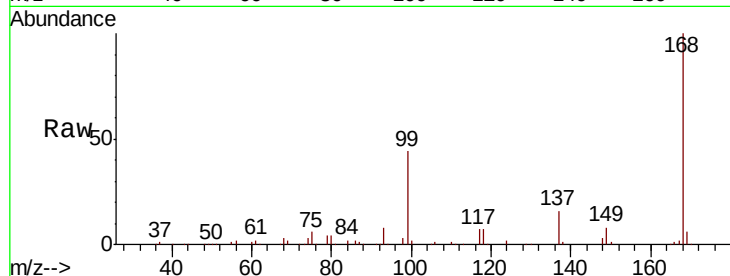
EP2-SB-111(14-16)ME

Tot Ion:168 Resp: 137811

Ion Ratio Lower Upper

168 100

99 43.7 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

60000

50000

40000

30000

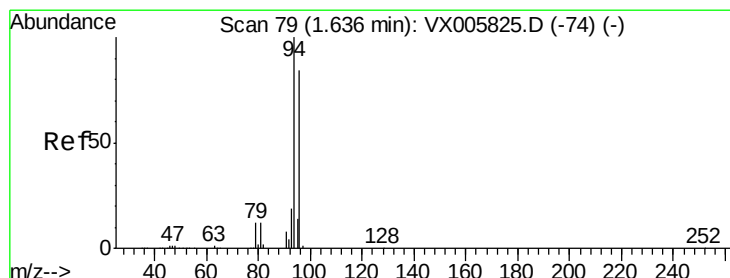
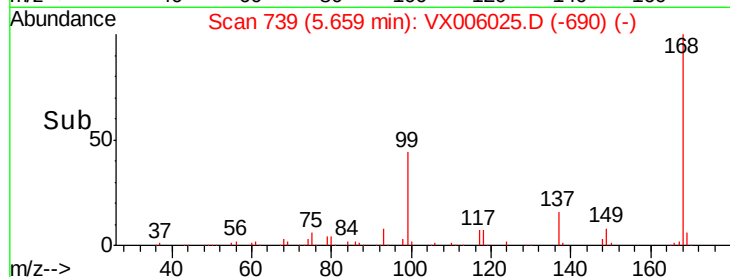
20000

10000

0

Time-->

5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 0.492 ug/l

RT: 1.63 min Scan# 78

Delta R.T. -0.01 min

Lab File: VX006025.D

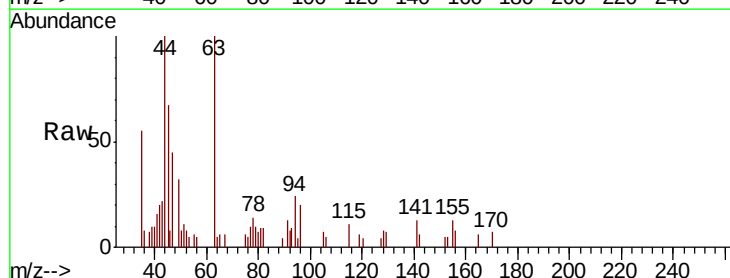
Acq: 15 Nov 2018 17:33

Tgt Ion: 94 Resp: 493

Ion Ratio Lower Upper

94 100

96 83.0 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

300

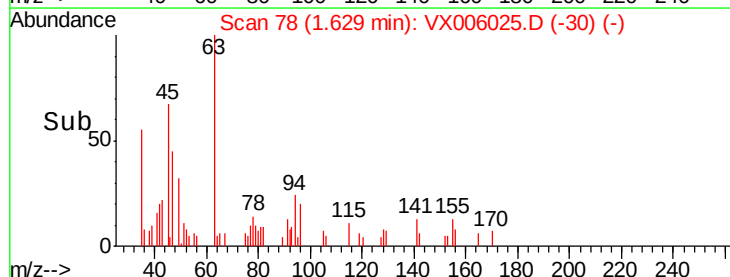
200

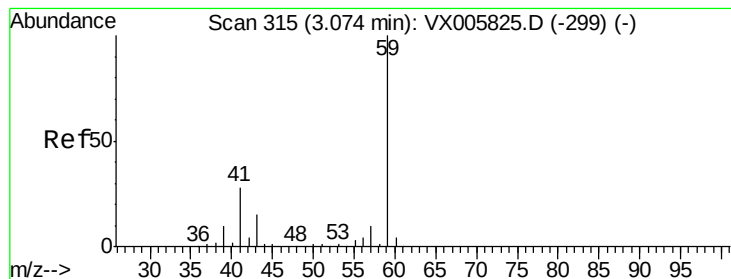
100

0

Time-->

1.60 1.65



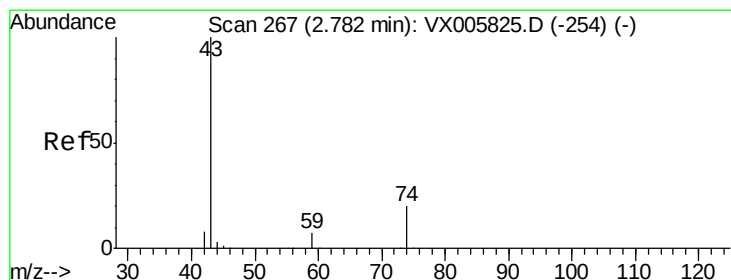
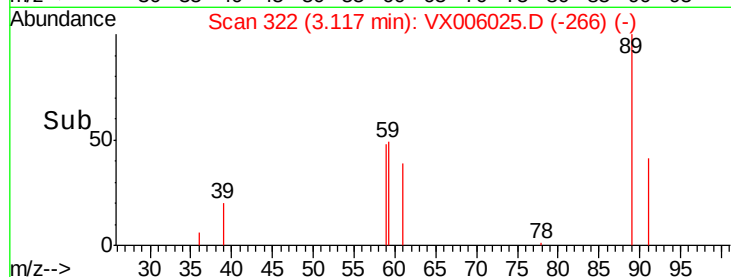
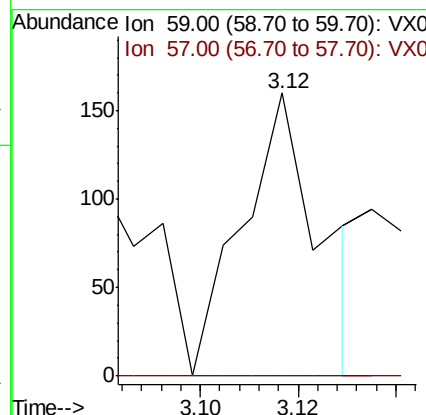
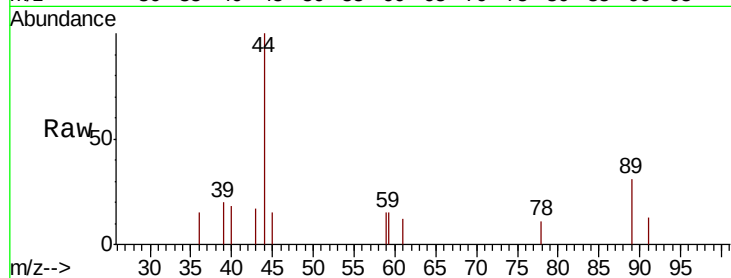


#11

Tert butyl alcohol
 Concen: 0.388 ug/l
 RT: 3.12 min Scan# 322
 Delta R.T. 0.04 min
 Lab File: VX006025.D
 Acq: 15 Nov 2018 17:33

Instrument :
 MSVOA_X
 ClientSampleId :
 EP2-SB-111(14-16)ME

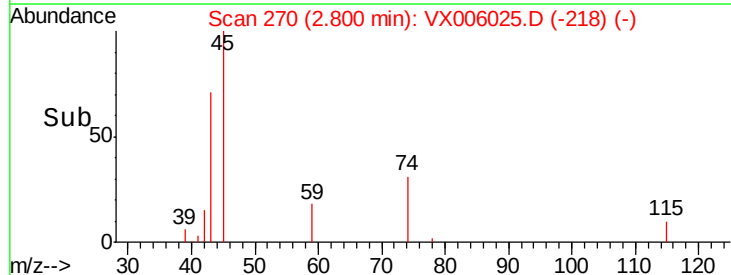
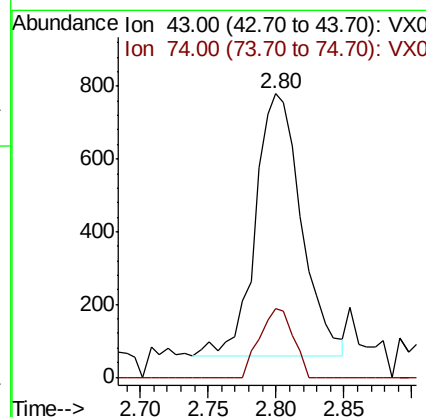
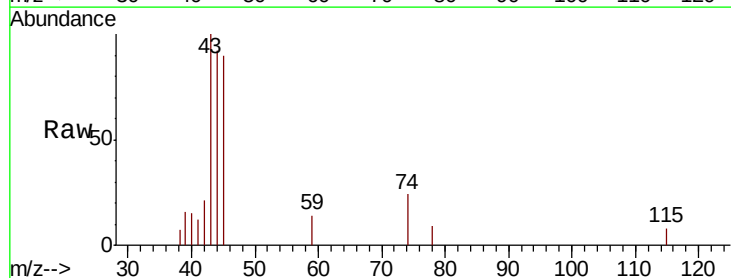
Tot Ion: 59 Resp: 176
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.5 12.7#

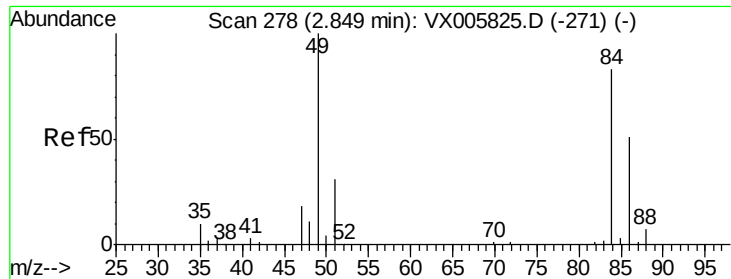


#18

Methyl Acetate
 Concen: Below Cal
 RT: 2.80 min Scan# 270
 Delta R.T. 0.02 min
 Lab File: VX006025.D
 Acq: 15 Nov 2018 17:33

Tgt Ion: 43 Resp: 1706
 Ion Ratio Lower Upper
 43 100
 74 18.9 16.8 25.2

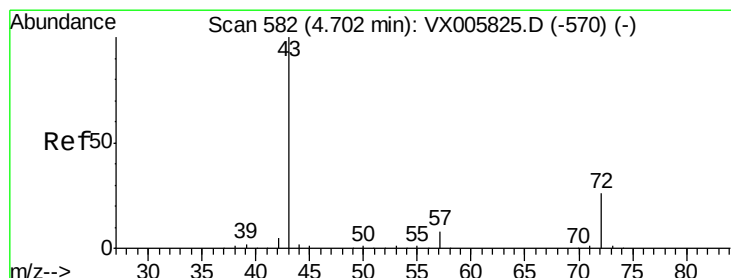
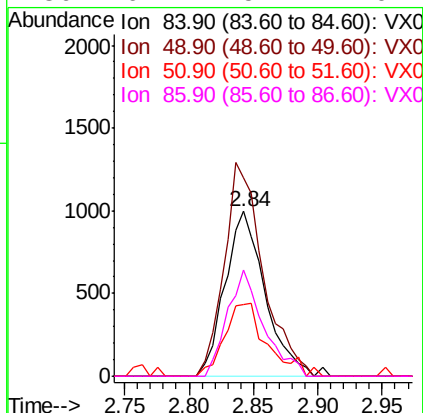
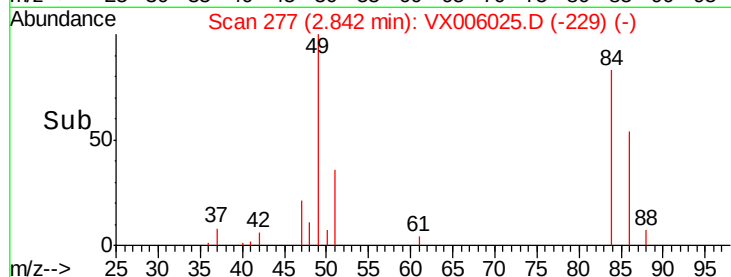
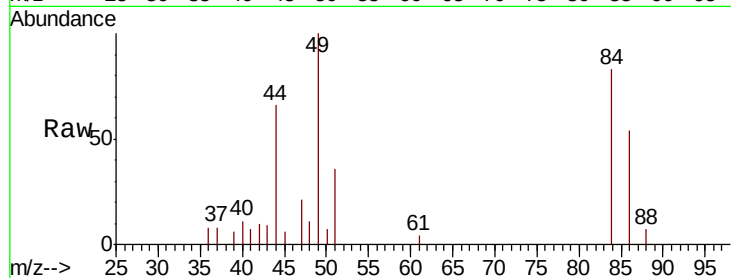




#20
Methvlene Chloride
Concen: 1.553 ug/l
RT: 2.84 min Scan# 277
Delta R.T. -0.01 min
Lab File: VX006025.D
Acq: 15 Nov 2018 17:33

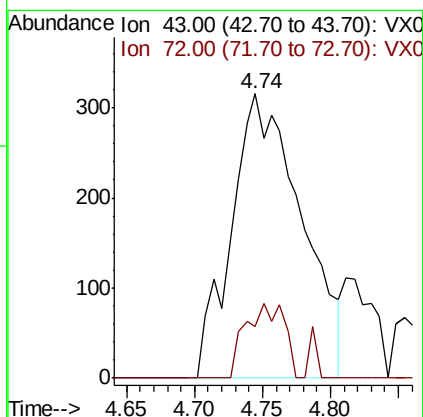
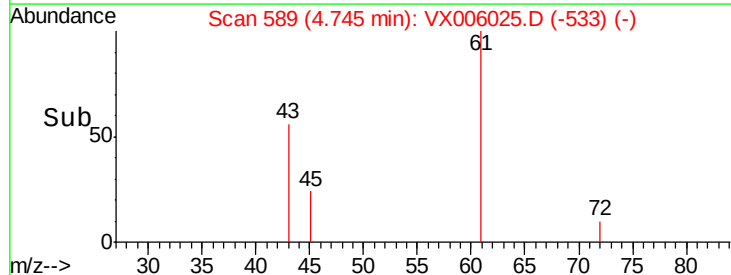
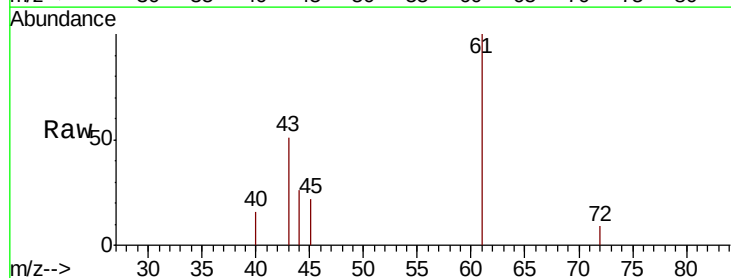
Instrument :
MSVOA_X
ClientSampleId :
EP2-SB-111(14-16)ME

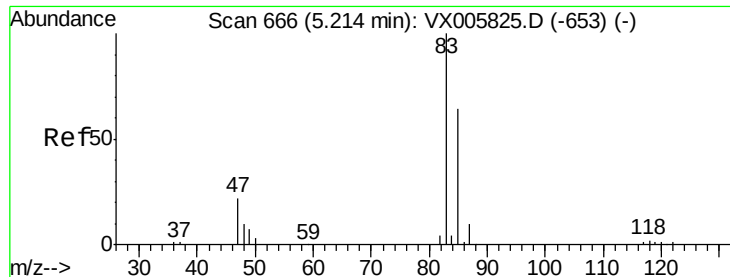
Tot Ion:	84	Resp:	2176
Ion	Ratio	Lower	Upper
84	100		
49	120.9	109.5	164.3
51	43.5	33.3	49.9
86	64.7	52.7	79.1



#25
2-Butanone
Concen: 0.846 ug/l
RT: 4.74 min Scan# 589
Delta R.T. 0.04 min
Lab File: VX006025.D
Acq: 15 Nov 2018 17:33

Tgt Ion:	43	Resp:	1135
Ion	Ratio	Lower	Upper
43	100		
72	17.7	19.2	28.8#

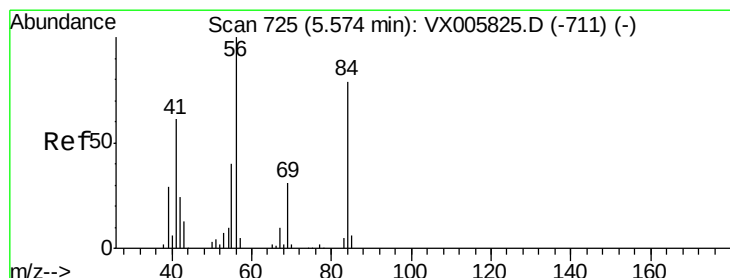
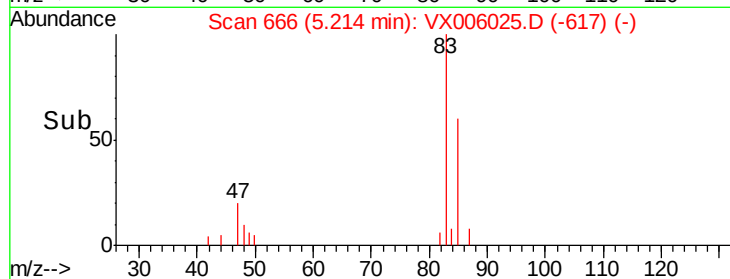
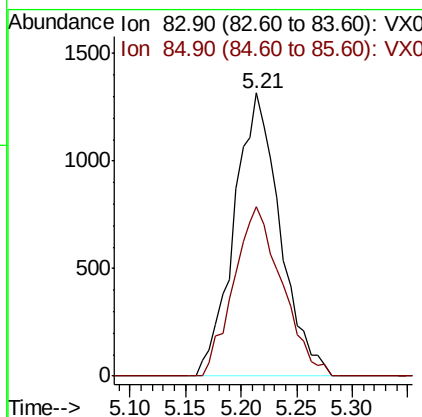
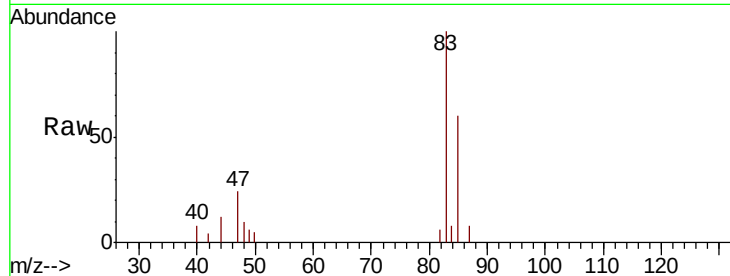




#30
Chloroform
Concen: 1.536 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX006025.D
Acq: 15 Nov 2018 17:33

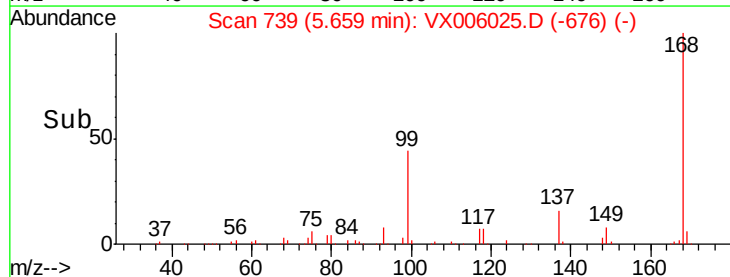
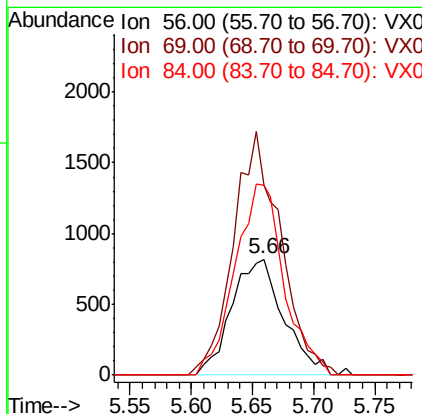
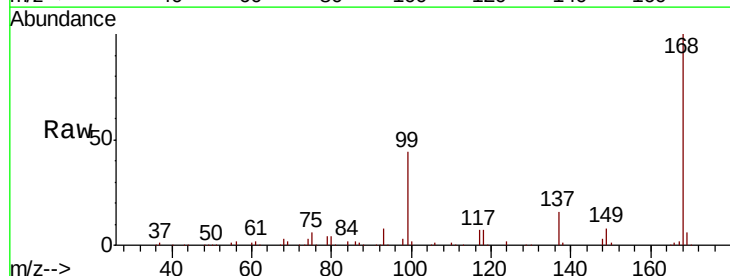
Instrument :
MSVOA_X
ClientSampleId :
EP2-SB-111(14-16)ME

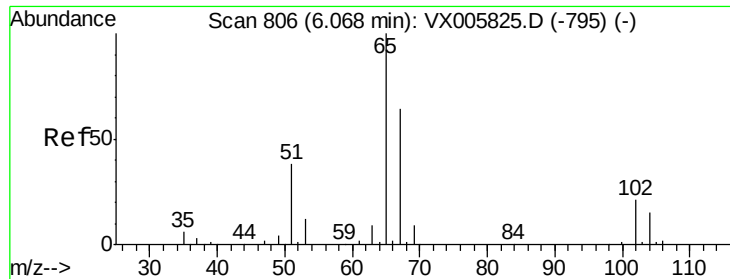
Tot Ion: 83 Resp: 3767
Ion Ratio Lower Upper
83 100
85 59.8 50.6 76.0



#31
Cyclohexane
Concen: 1.097 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.09 min
Lab File: VX006025.D
Acq: 15 Nov 2018 17:33

Tgt Ion: 56 Resp: 2422
Ion Ratio Lower Upper
56 100
69 163.9 22.6 34.0#
84 163.3 62.7 94.1#

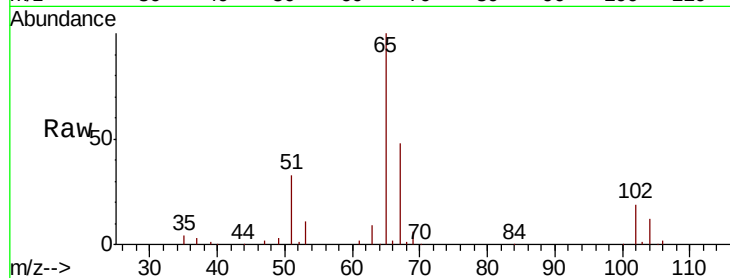




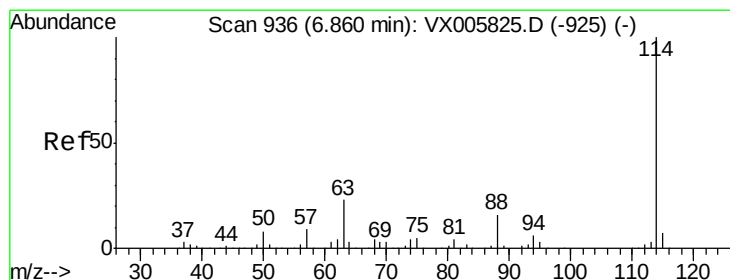
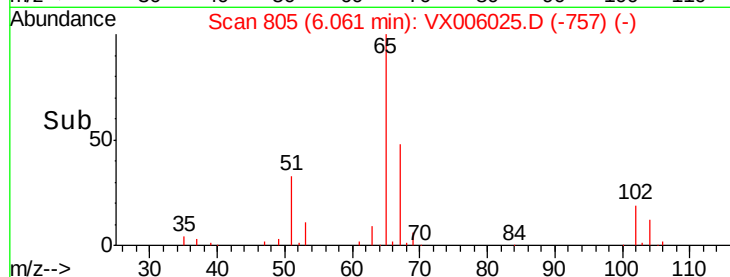
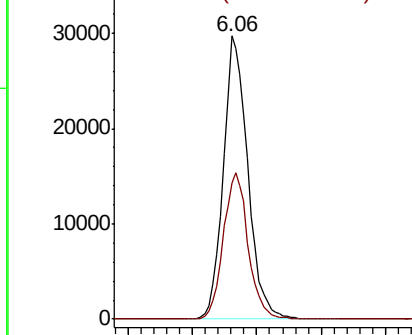
#33
 1,2-Dichloroethane-d4
 Concen: 50.167 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX006025.D
 Acq: 15 Nov 2018 17:33

Instrument :
 MSVOA_X
 ClientSampleId :
 EP2-SB-111(14-16)ME

Tot Ion: 65 Resp: 79480
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 105.0

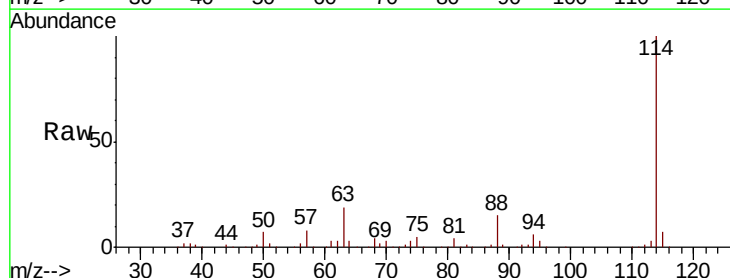


Abundance Ion 64.90 (64.60 to 65.60): VX0
 Ion 66.90 (66.60 to 67.60): VX0

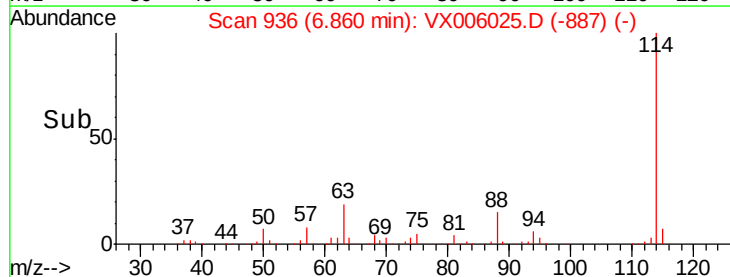
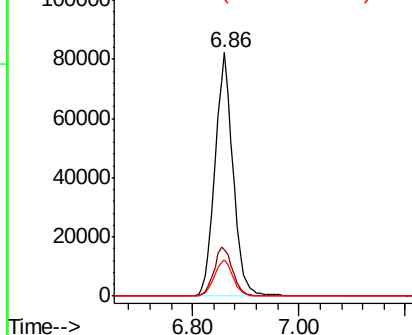


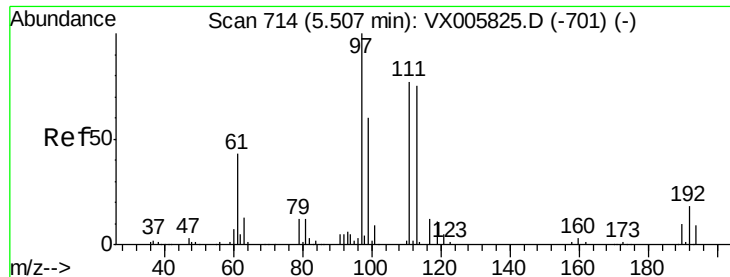
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX006025.D
 Acq: 15 Nov 2018 17:33

Tgt Ion: 114 Resp: 194147
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 42.8
 88 14.7 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

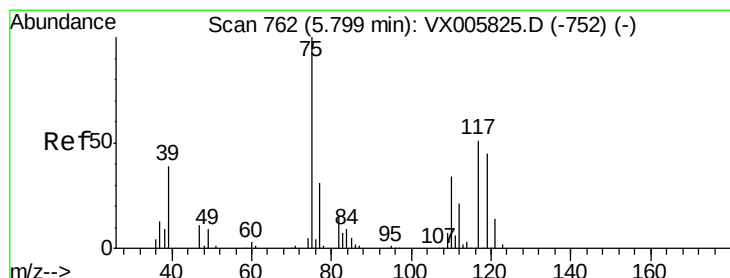
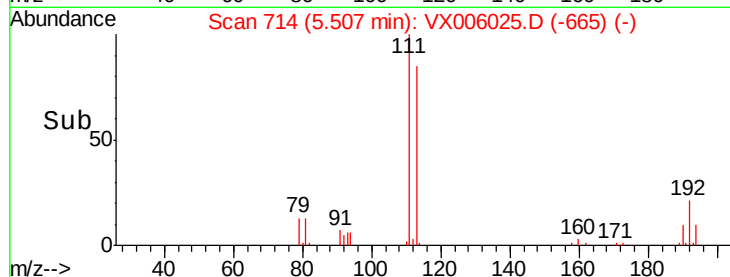
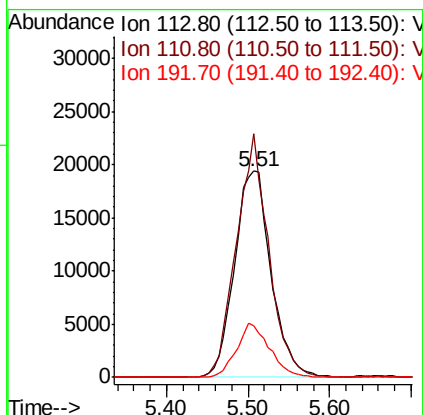
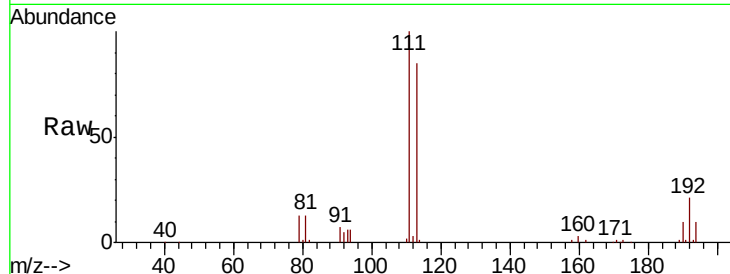




#35
 Dibromofluoromethane
 Concen: 45.656 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. -0.00 min
 Lab File: VX006025.D
 Acq: 15 Nov 2018 17:33

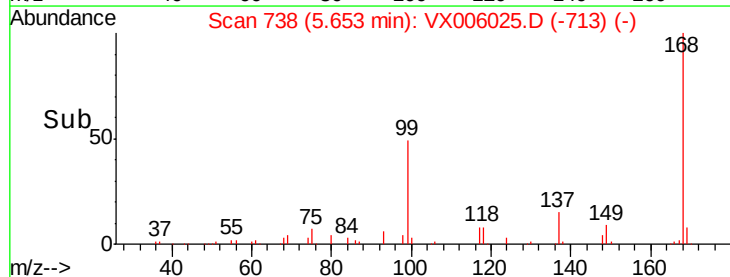
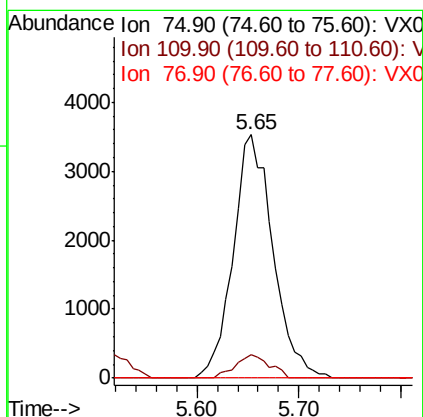
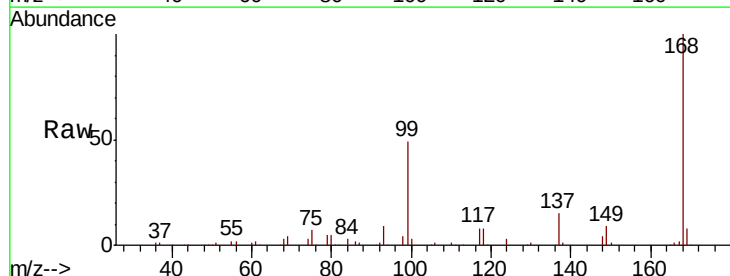
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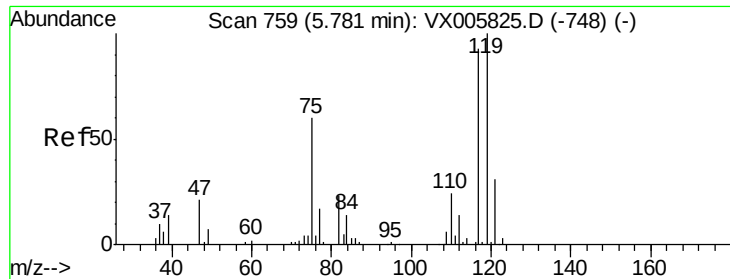
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.4	82.3	123.5
192	23.8	17.9	26.9



#36
 1,1-Dichloropropene
 Concen: 5.106 ug/l
 RT: 5.65 min Scan# 738
 Delta R.T. -0.15 min
 Lab File: VX006025.D
 Acq: 15 Nov 2018 17:33

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.2	17.4	52.2#
77	0.0	25.8	38.6#





#38

Carbon Tetrachloride

Concen: 6.201 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX006025.D

Acq: 15 Nov 2018 17:33

Instrument :

MSVOA_X

ClientSampleId :

EP2-SB-111(14-16)ME

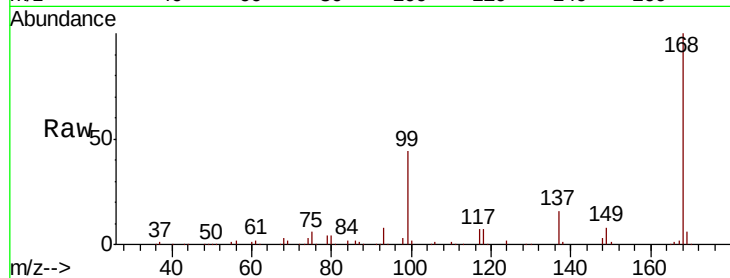
Tot Ion:117 Resp: 11618

Ion Ratio Lower Upper

117 100

119 5.8 78.1 117.1#

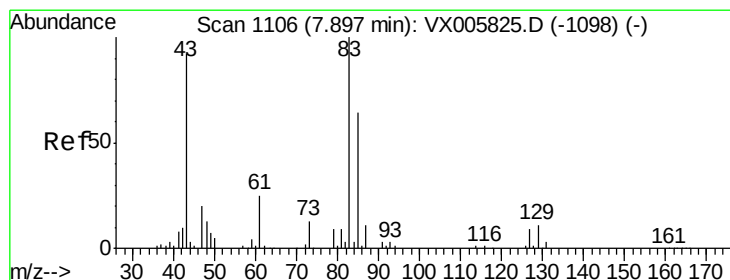
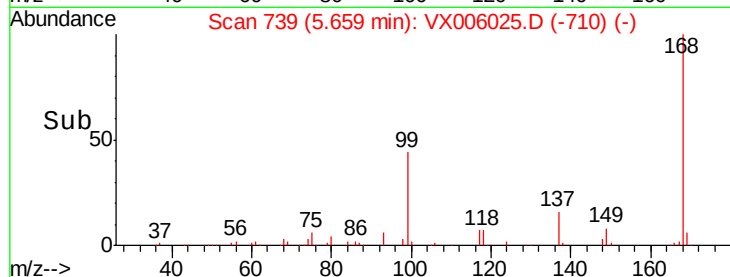
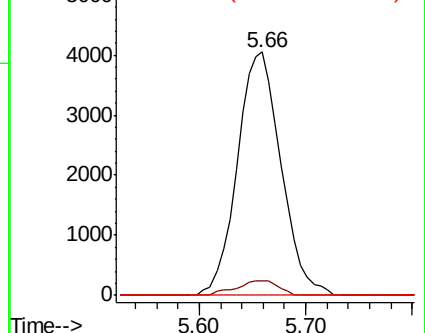
121 0.0 24.6 36.8#



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



#47

Bromodichloromethane

Concen: 0.249 ug/l

RT: 7.91 min Scan# 1108

Delta R.T. 0.01 min

Lab File: VX006025.D

Acq: 15 Nov 2018 17:33

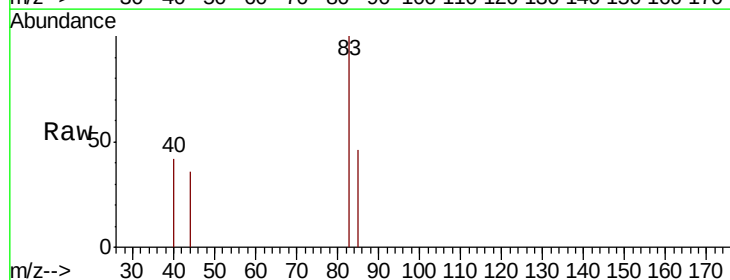
Tgt Ion: 83 Resp: 391

Ion Ratio Lower Upper

83 100

85 45.8 50.2 75.4#

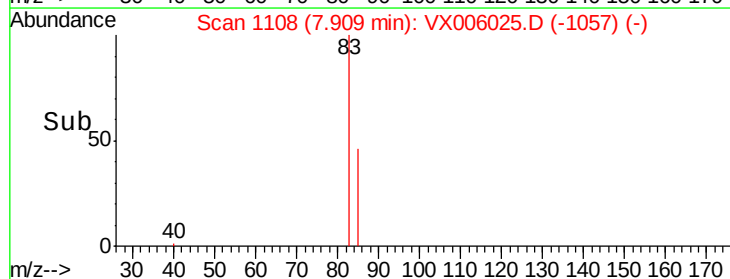
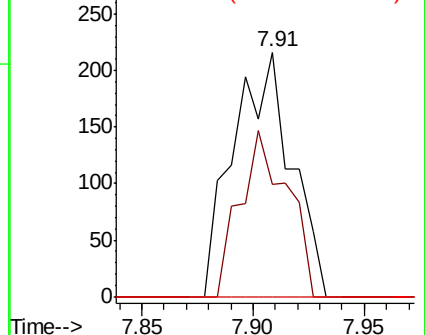
127 0.0 6.9 10.3#

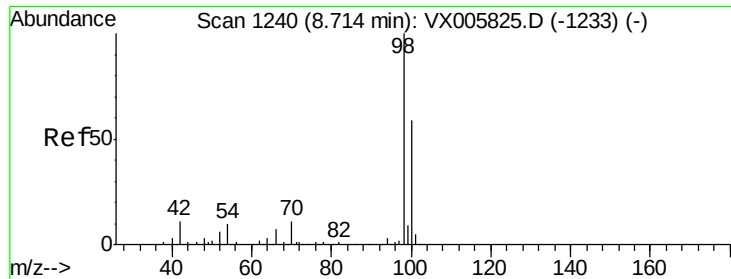


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V

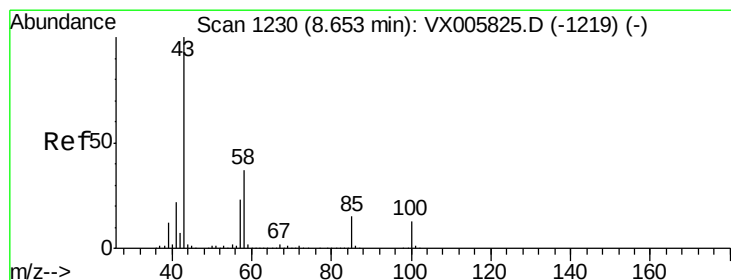
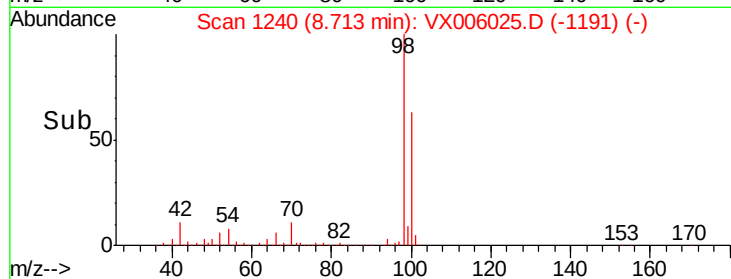
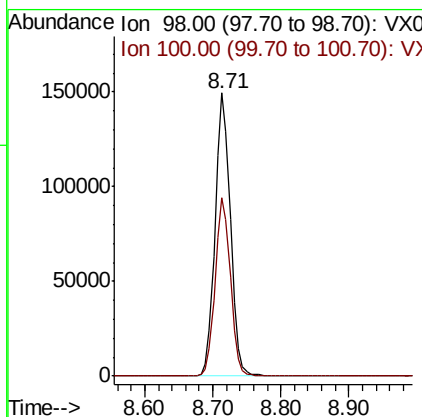
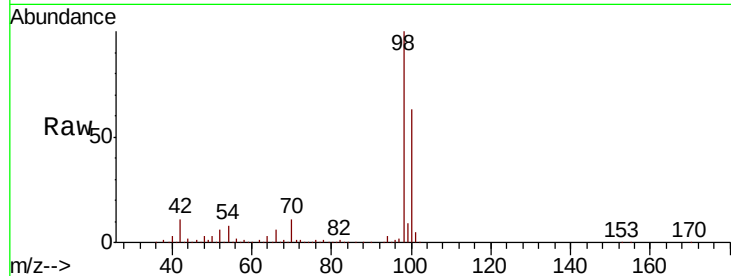




#50
Toluene-d8
Concen: 53.216 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006025.D
Acq: 15 Nov 2018 17:33

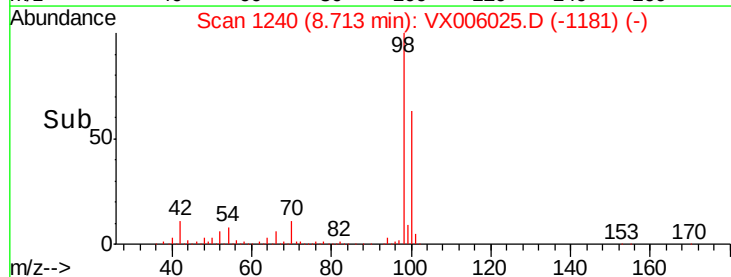
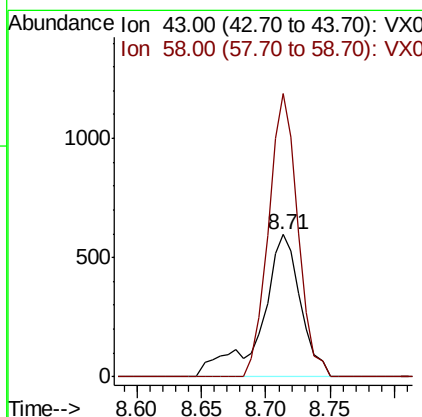
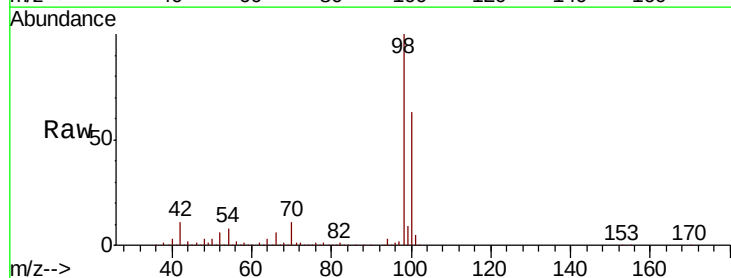
Instrument :
MSVOA_X
ClientSampleId :
EP2-SB-111(14-16)ME

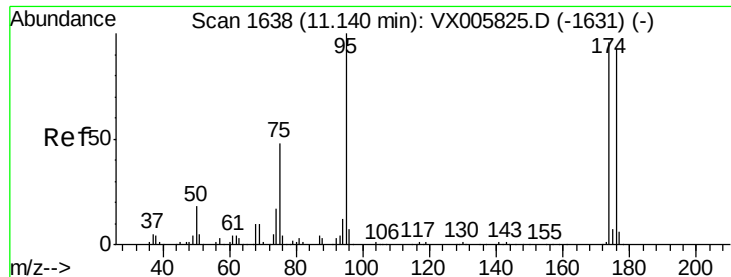
Tot Ion: 98 Resp: 233622
Ion Ratio Lower Upper
98 100
100 63.1 51.3 76.9



#51
4-Methyl-2-Pentanone
Concen: 0.561 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.06 min
Lab File: VX006025.D
Acq: 15 Nov 2018 17:33

Tgt Ion: 43 Resp: 1260
Ion Ratio Lower Upper
43 100
58 149.4 29.7 44.5#

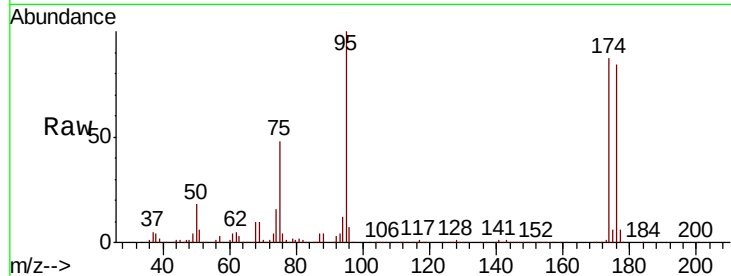




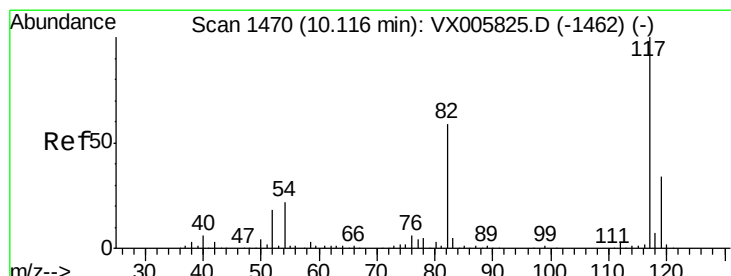
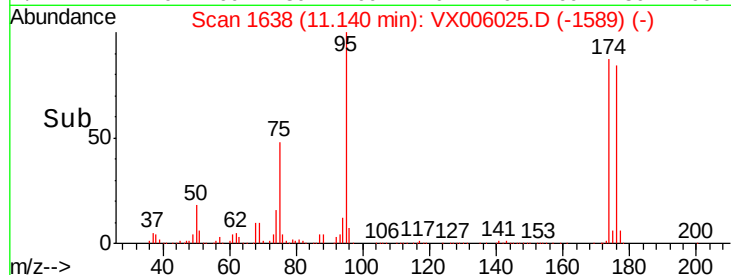
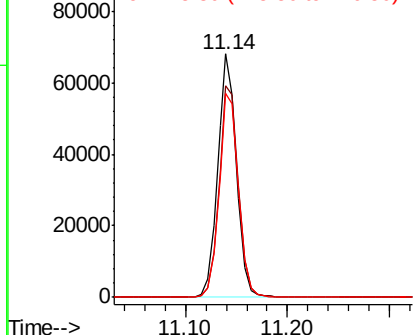
#62
4-Bromofluorobenzene
Concen: 55.502 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX006025.D
Acq: 15 Nov 2018 17:33

Instrument :
MSVOA_X
ClientSampleId :
EP2-SB-111(14-16)ME

Tot Ion: 95 Resp: 87604
Ion Ratio Lower Upper
95 100
174 89.3 0.0 184.4
176 86.3 0.0 177.4

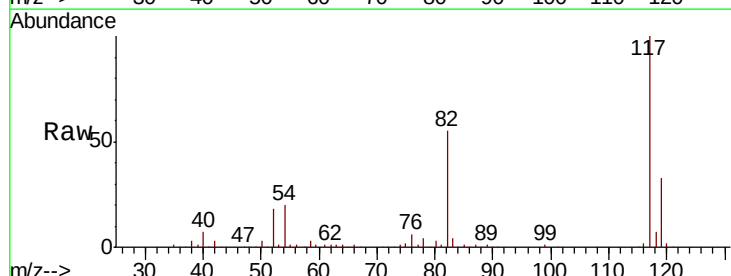


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

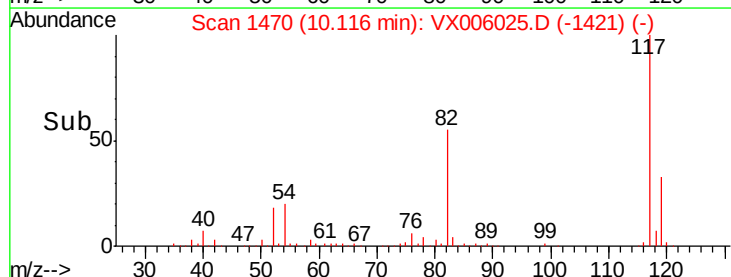
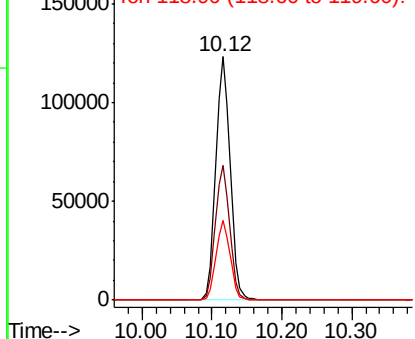


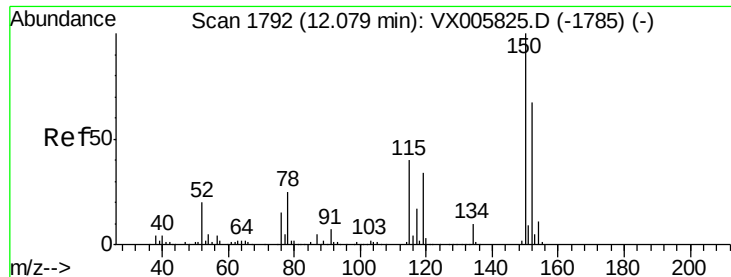
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX006025.D
Acq: 15 Nov 2018 17:33

Tgt Ion: 117 Resp: 176628
Ion Ratio Lower Upper
117 100
82 55.1 44.1 66.1
119 32.7 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: VX006025.D

Acq: 15 Nov 2018 17:33

Instrument :

MSVOA_X

ClientSampleId :

EP2-SB-111(14-16)ME

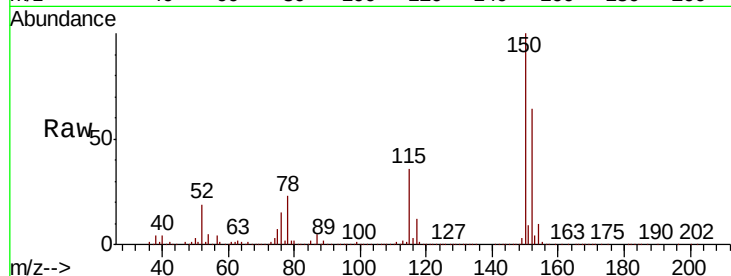
Tot Ion:152 Resp: 123033

Ion Ratio Lower Upper

152 100

115 55.6 39.4 118.1

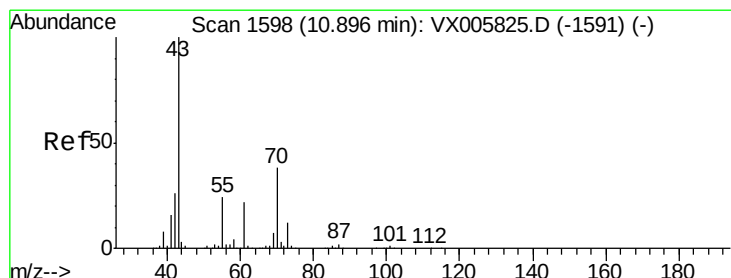
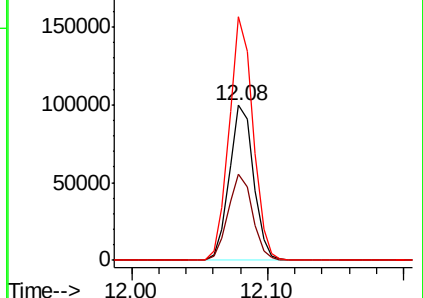
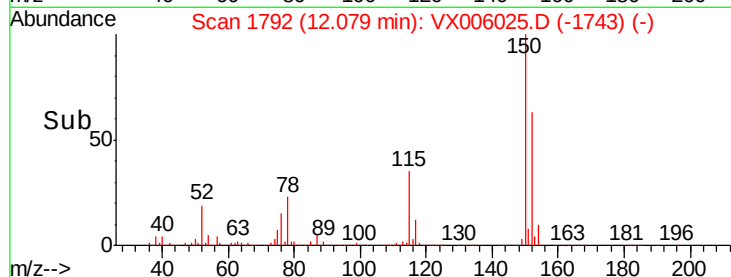
150 155.4 0.0 346.4



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-ethyl acetate

Concen: 1.277 ug/l

RT: 10.91 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VX006025.D

Acq: 15 Nov 2018 17:33

Tgt Ion: 43 Resp: 109

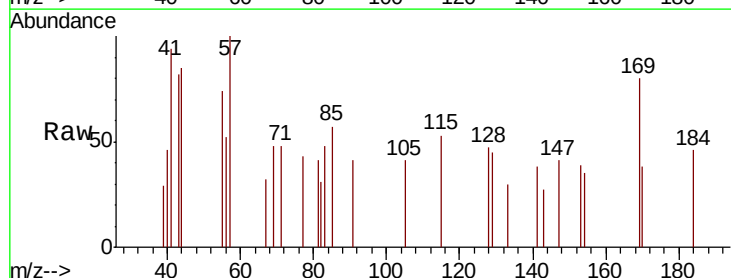
Ion Ratio Lower Upper

43 100

70 0.0 31.6 47.4#

55 0.0 19.7 29.5#

61 0.0 18.3 27.5#

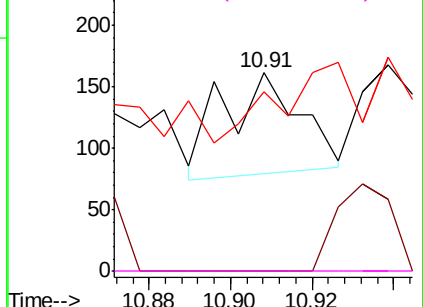
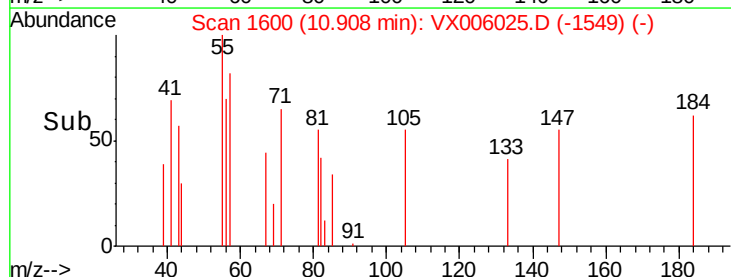


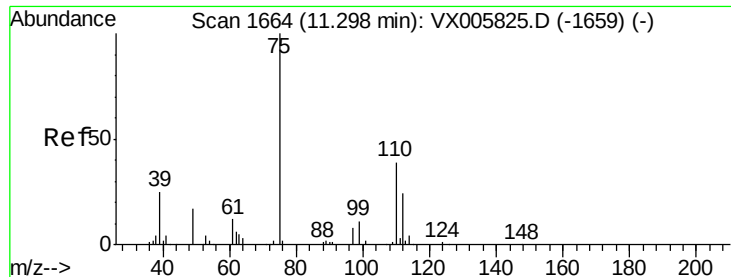
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 16.994 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX006025.D

Acq: 15 Nov 2018 17:33

Instrument :

MSVOA_X

ClientSampleId :

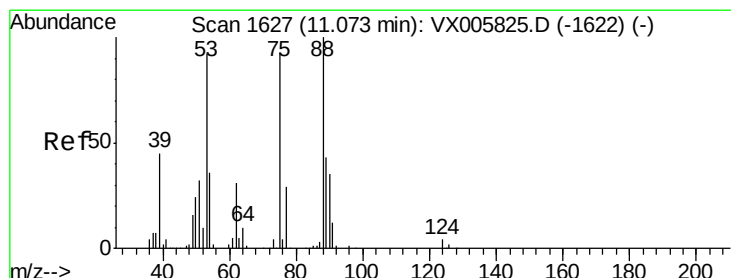
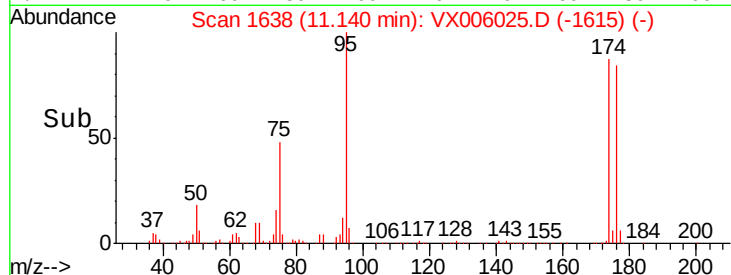
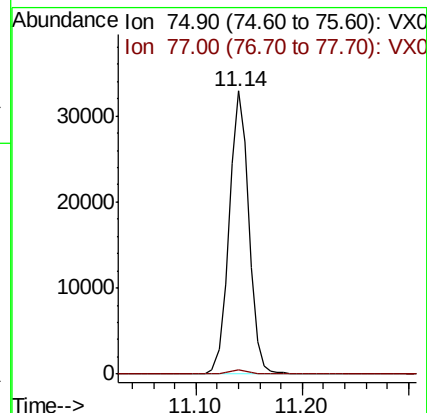
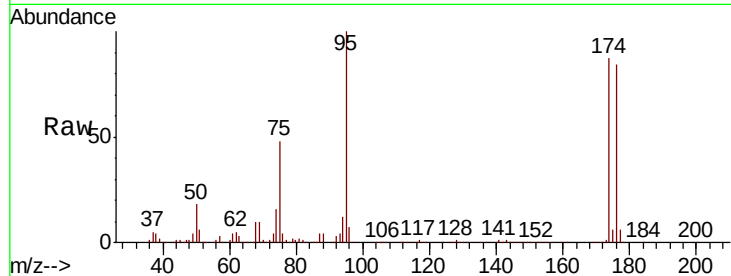
EP2-SB-111(14-16)ME

Tot Ion: 75 Resp: 42573

Ion Ratio Lower Upper

75 100

77 1.6 20.5 61.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 54.162 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.07 min

Lab File: VX006025.D

Acq: 15 Nov 2018 17:33

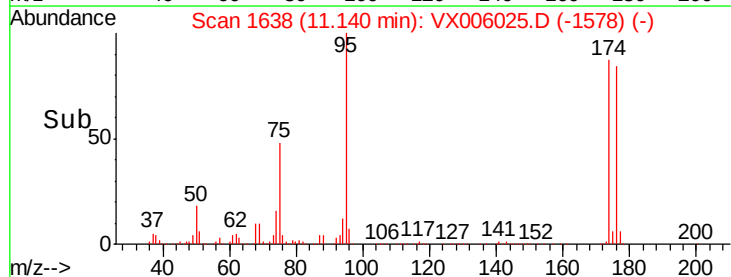
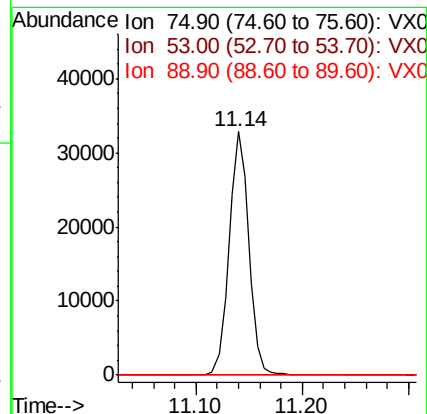
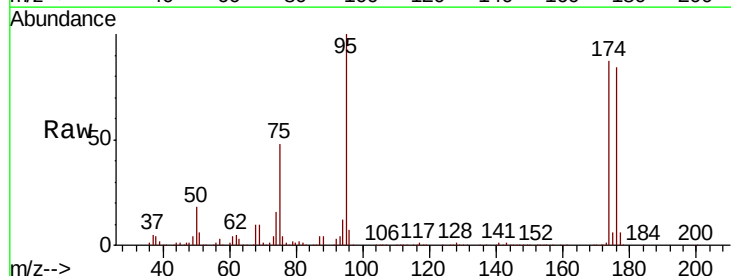
Tgt Ion: 75 Resp: 42573

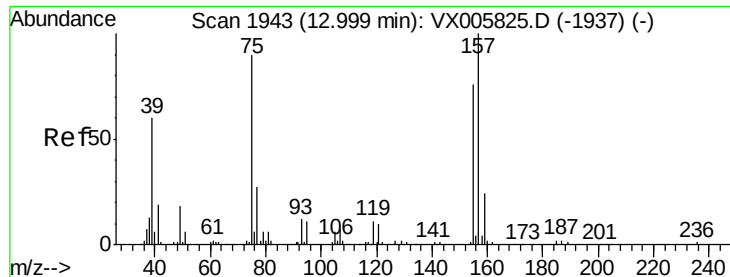
Ion Ratio Lower Upper

75 100

53 0.2 80.2 120.2#

89 0.0 39.8 59.8#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.380 ug/l

RT: 12.96 min Scan# 1936

Delta R.T. -0.04 min

Lab File: VX006025.D

Acq: 15 Nov 2018 17:33

Instrument :

MSVOA_X

ClientSampleId :

EP2-SB-111(14-16)ME

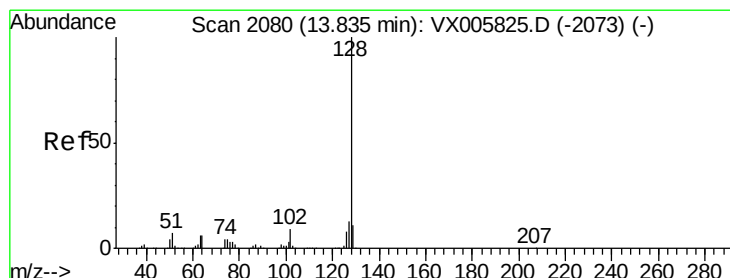
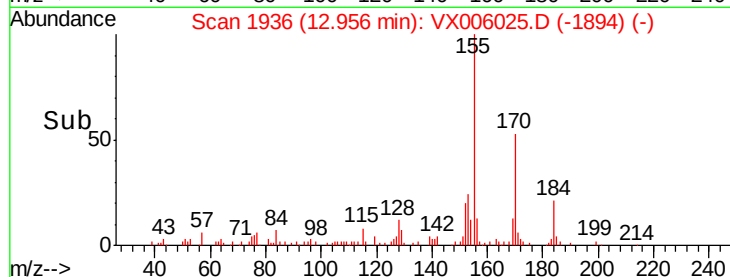
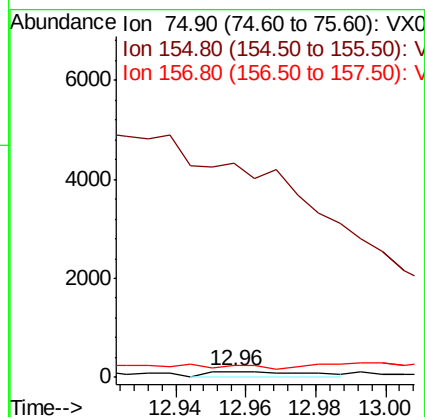
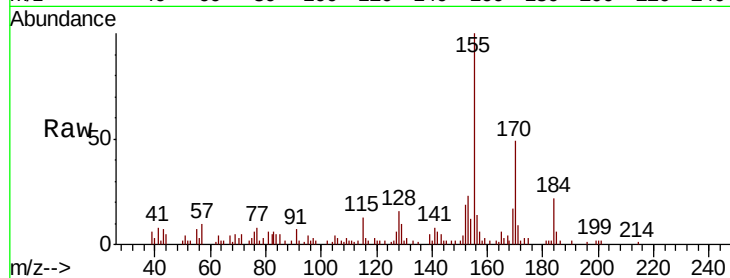
Tot Ion: 75 Resp: 242

Ion Ratio Lower Upper

75 100

155 0.0 45.4 136.1#

157 0.0 57.4 172.0#



#95

Naphthalene

Concen: 1.877 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006025.D

Acq: 15 Nov 2018 17:33

Tgt Ion:128 Resp: 6339

Ion Ratio Lower Upper

128 100

127 12.3 10.4 15.6

129 12.4 8.7 13.1

