

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX011019\
 Data File : VX006992.D
 Acq On : 10 Jan 2019 16:14
 Operator : JC/MD
 Sample : K1099-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-15

Quant Time: Jan 11 07:13:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	642639	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	978296	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	931796	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	461746	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	335519	49.96	ug/l	0.00
Spiked Amount			Recovery	=	99.92%	
35) Dibromofluoromethane	5.50	113	295299	47.14	ug/l	0.00
Spiked Amount			Recovery	=	94.28%	
50) Toluene-d8	8.71	98	1189060	51.85	ug/l	0.00
Spiked Amount			Recovery	=	103.70%	
62) 4-Bromofluorobenzene	11.13	95	424339	53.08	ug/l	0.00
Spiked Amount			Recovery	=	106.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.02	59	5268	3.325	ug/l #	81
13) Acrolein	2.29	56	172	3.333	ug/l #	13
14) Allyl chloride	2.86	41	56207	5.553	ug/l #	27
16) Acetone	2.45	43	28837	8.685	ug/l	100
18) Methyl Acetate	2.78	43	24800	2.579	ug/l	99
20) Methylene Chloride	2.86	84	1665877	266.239	ug/l	96
25) 2-Butanone	4.70	43	11199	2.357	ug/l	96
29) Tetrahydrofuran	5.16	42	1031	0.334	ug/l #	15
36) 1,1-Dichloropropene	5.66	75	40186	4.725	ug/l #	49
38) Carbon Tetrachloride	5.67	117	57519	6.721	ug/l #	15
39) Methylcyclohexane	7.46	83	3238	0.299	ug/l #	75
43) Isopropyl Acetate	6.46	43	28955	2.013	ug/l	98
48) Methyl methacrylate	7.68	41	18300	2.478	ug/l #	12
49) 1,4-Dioxane	7.77	88	181	Below Cal	#	1
51) 4-Methyl-2-Pentanone	8.62	43	147187	15.923	ug/l #	49
52) Toluene	8.79	92	9534	0.572	ug/l	93
54) cis-1,3-Dichloropropene	8.62	75	72546	7.590	ug/l #	63
57) 1,3-Dichloropropane	9.54	76	15934	1.457	ug/l #	46
59) 2-Hexanone	9.54	43	195807	27.797	ug/l #	52
67) Ethyl Benzene	10.25	91	25636	0.764	ug/l	95
68) m/p-Xylenes	10.35	106	57511	4.351	ug/l	98
69) o-Xylene	10.70	106	28043	2.175	ug/l	99
76) 1,2,3-Trichloropropane	11.13	75	200177	21.393	ug/l #	40
78) n-propylbenzene	11.36	91	13162	0.368	ug/l	96
79) 2-Chlorotoluene	11.43	91	8474	0.394	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.51	105	29923	1.100	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.13	75	200177	63.460	ug/l #	10
83) tert-Butylbenzene	11.80	119	16086	0.593	ug/l #	61
84) 1,2,4-Trimethylbenzene	11.80	105	117934	4.311	ug/l	99
85) sec-Butylbenzene	11.80	105	117934	3.638	ug/l #	55
89) n-Butylbenzene	12.37	91	5116	0.207	ug/l #	8
90) Hexachloroethane	12.58	117	1477	3.209	ug/l #	6
92) 1,2-Dibromo-3-Chloropropan	13.01	75	649	0.317	ug/l #	1
95) Naphthalene	13.83	128	97992	2.946	ug/l	99

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Response via : Initial Calibration

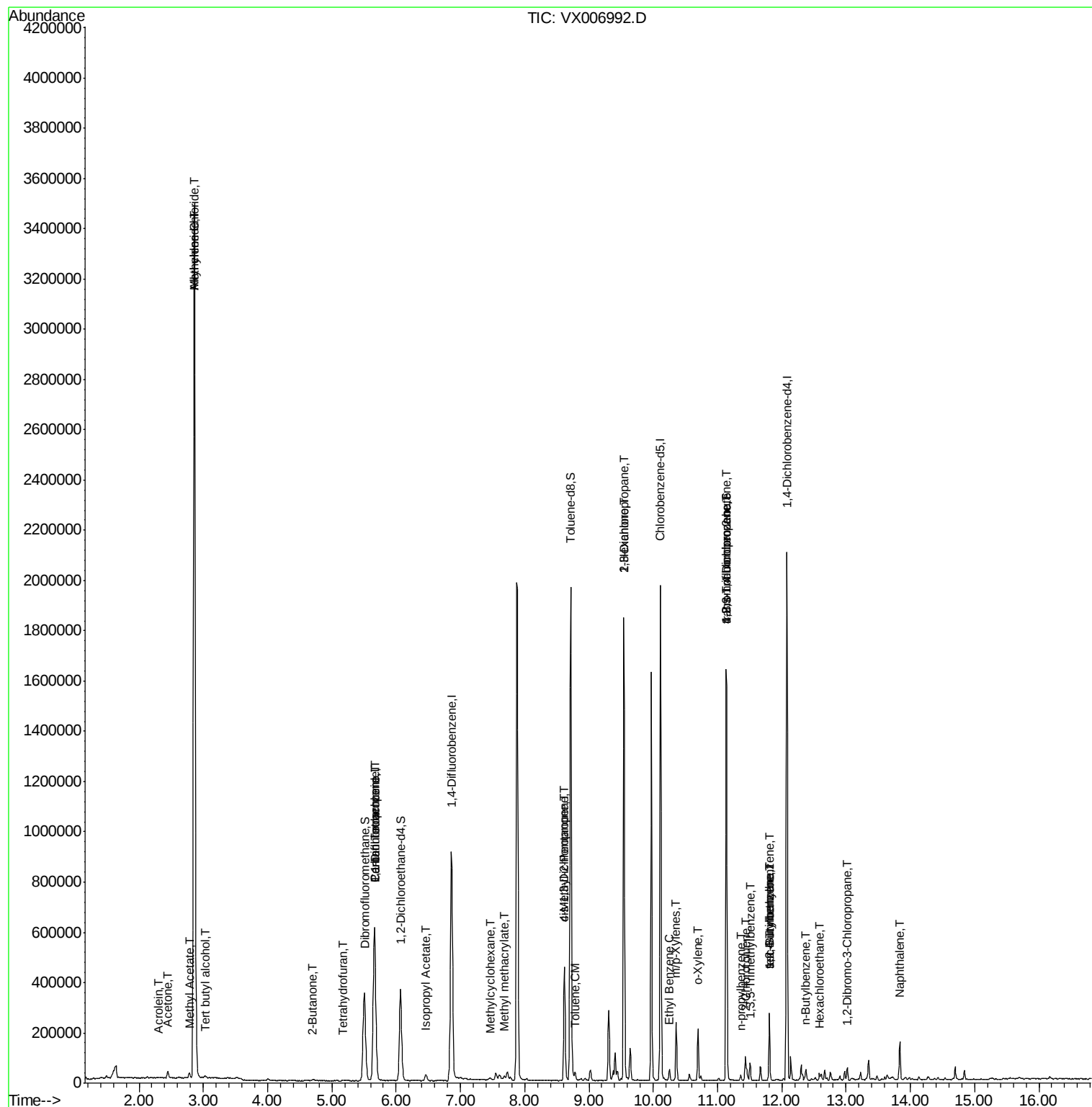
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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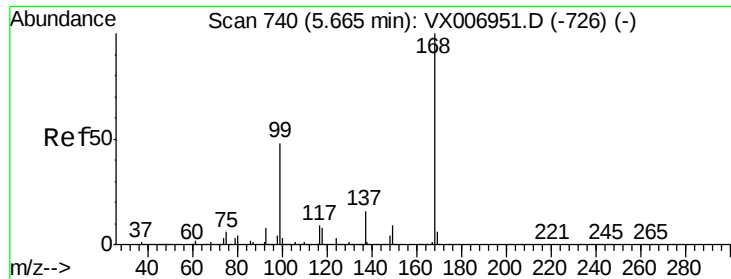
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006992.D

Acq: 10 Jan 2019 16:14

Instrument :

MSVOA_X

ClientSampleId :

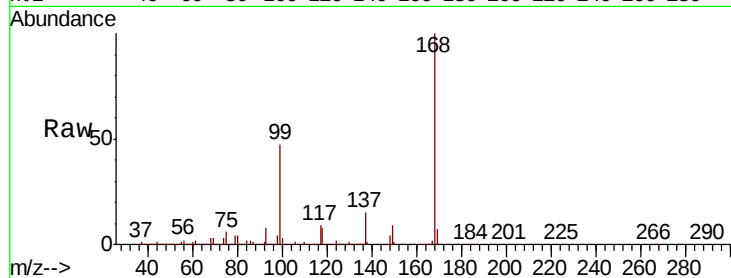
TP-15

Tgt Ion:168 Resp: 642639

Ion Ratio Lower Upper

168 100

99 46.7 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): VX006992.D (-691) (-)

Ion 98.90 (98.60 to 99.60): VX006992.D (-691) (-)

5.67

250000

200000

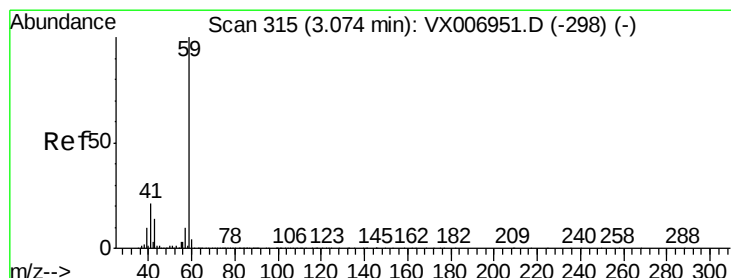
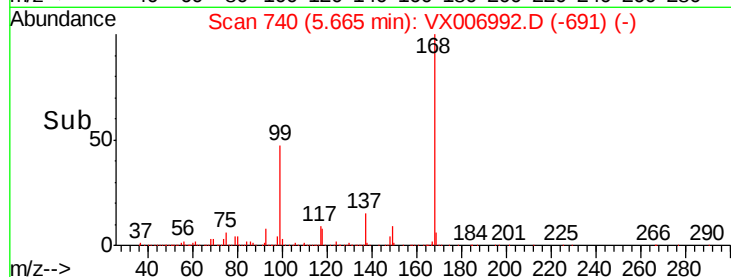
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 3.325 ug/l

RT: 3.02 min Scan# 306

Delta R.T. -0.05 min

Lab File: VX006992.D

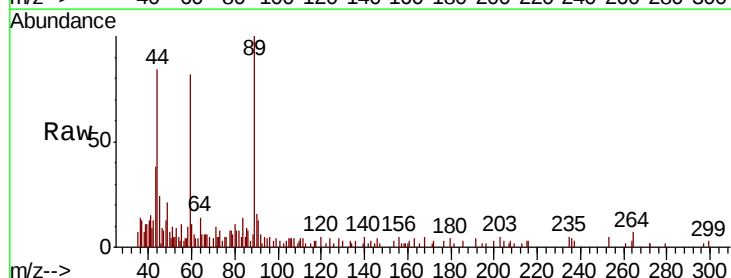
Acq: 10 Jan 2019 16:14

Tgt Ion: 59 Resp: 5268

Ion Ratio Lower Upper

59 100

57 3.5 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VX006992.D (-266) (-)

Ion 57.00 (56.70 to 57.70): VX006992.D (-266) (-)

3.02

2500

2000

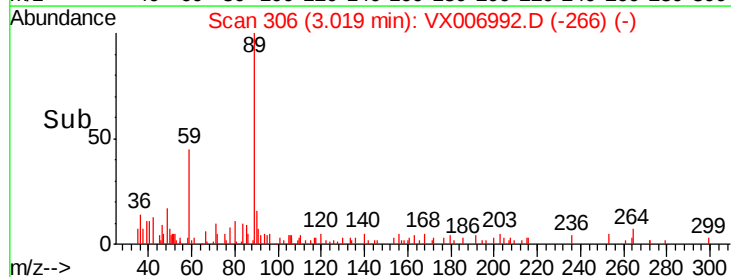
1500

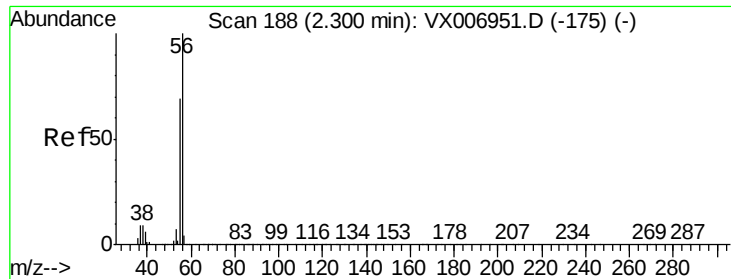
1000

500

0

Time-->





#13

Acrolein

Concen: 3.333 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX006992.D

Acq: 10 Jan 2019 16:14

Instrument :

MSVOA_X

ClientSampled :

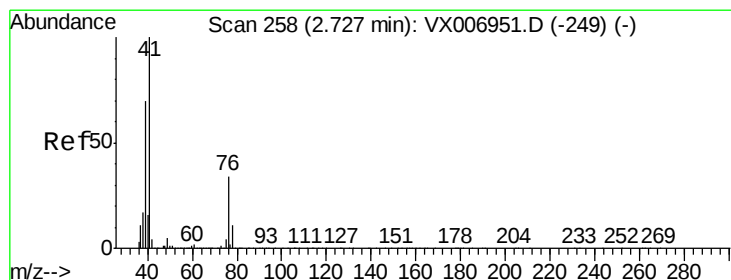
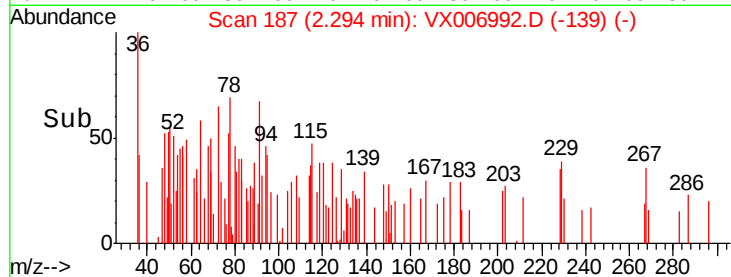
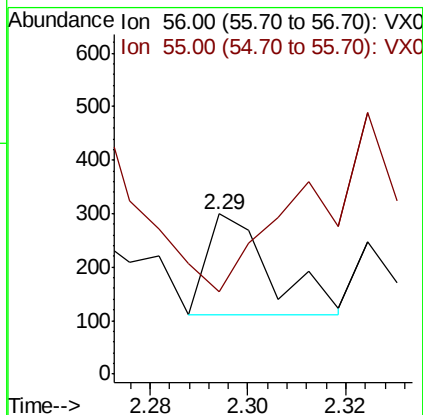
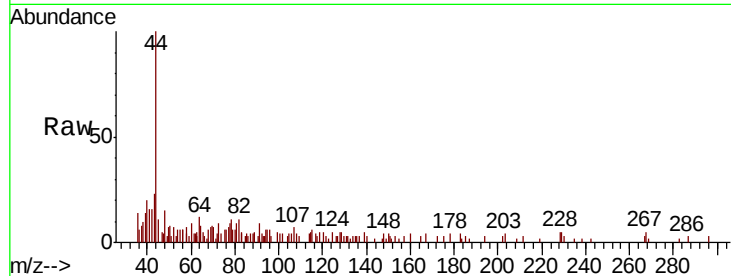
TP-15

Tgt Ion: 56 Resp: 172

Ion Ratio Lower Upper

56 100

55 0.0 58.2 87.4#



#14

Allyl chloride

Concen: 5.553 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.13 min

Lab File: VX006992.D

Acq: 10 Jan 2019 16:14

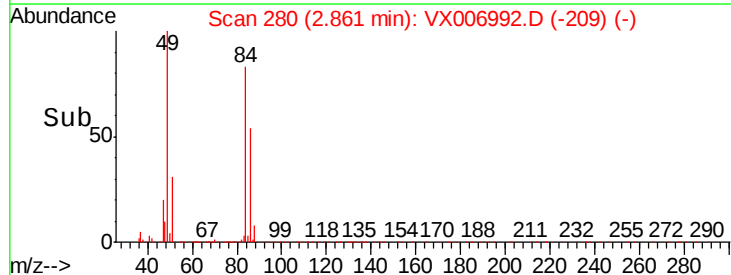
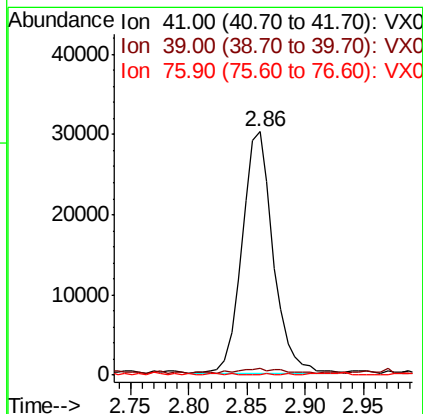
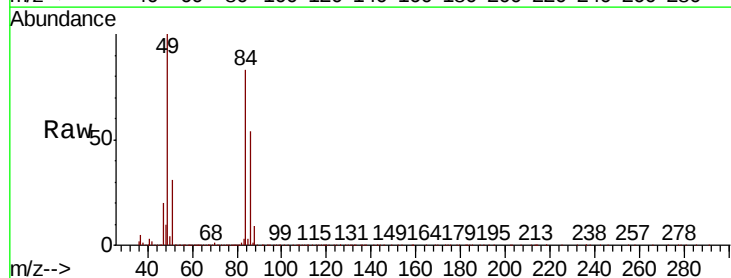
Tgt Ion: 41 Resp: 56207

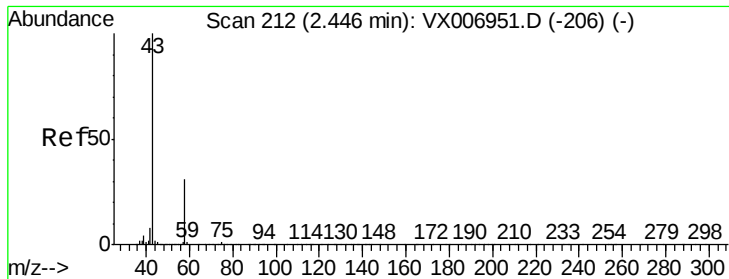
Ion Ratio Lower Upper

41 100

39 2.8 53.6 80.4#

76 0.3 27.4 41.2#

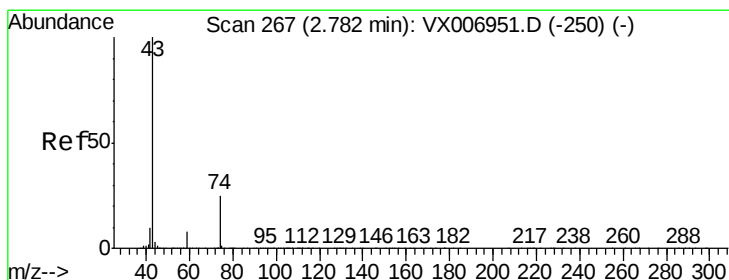
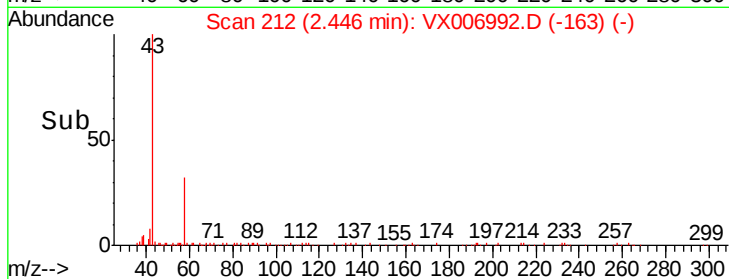
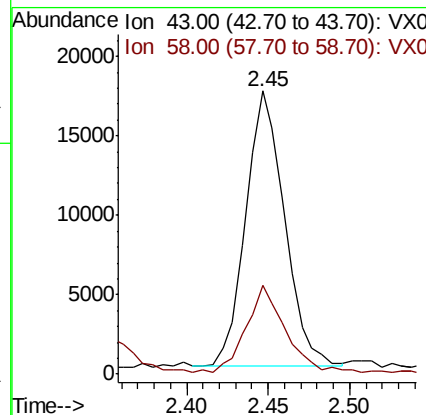
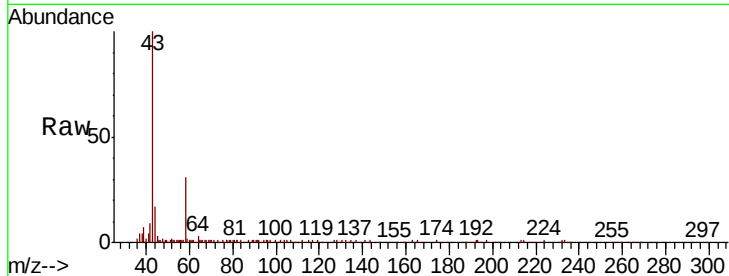




#16
Acetone
Concen: 8.685 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX006992.D
Acq: 10 Jan 2019 16:14

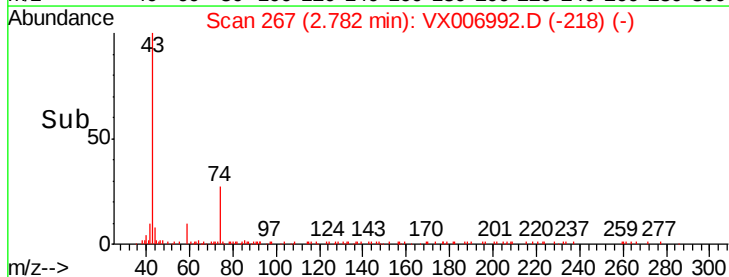
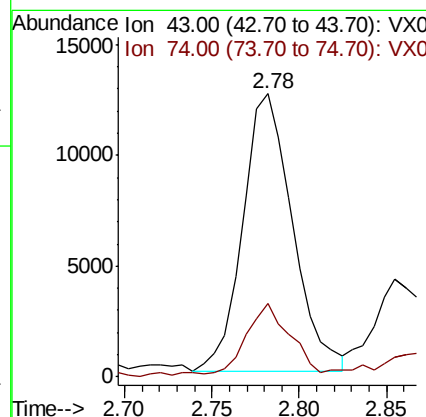
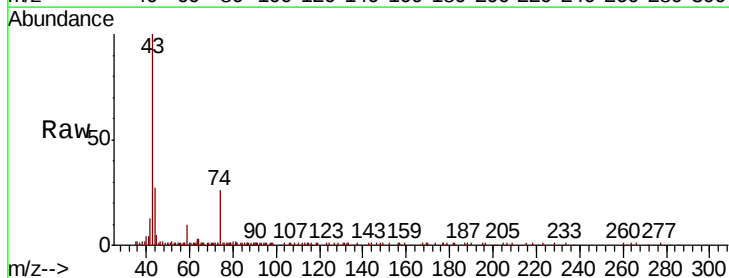
Instrument :
MSVOA_X
ClientSampleId :
TP-15

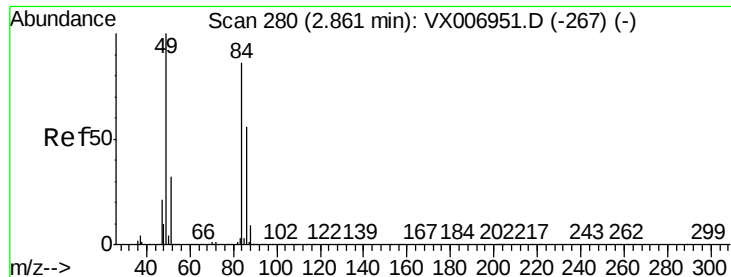
Tgt Ion: 43 Resp: 28837
Ion Ratio Lower Upper
43 100
58 31.5 25.0 37.6



#18
Methyl Acetate
Concen: 2.579 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX006992.D
Acq: 10 Jan 2019 16:14

Tgt Ion: 43 Resp: 24800
Ion Ratio Lower Upper
43 100
74 23.9 18.6 28.0



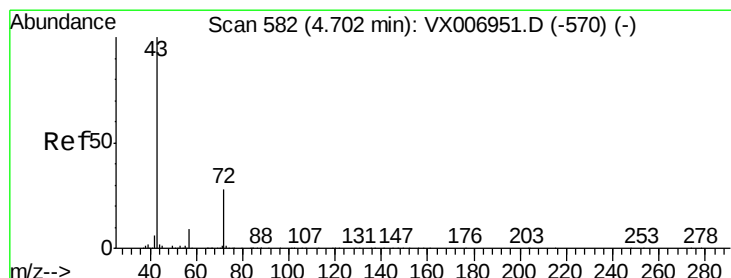
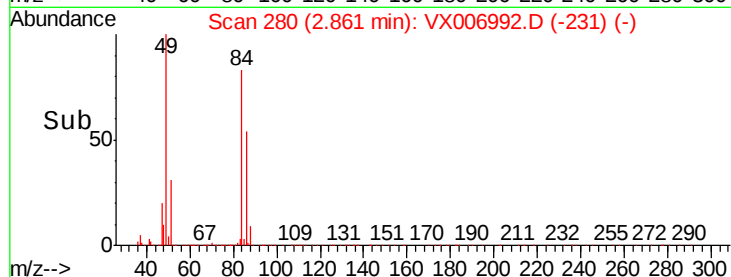
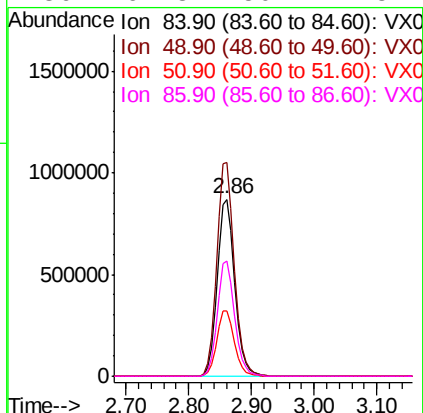
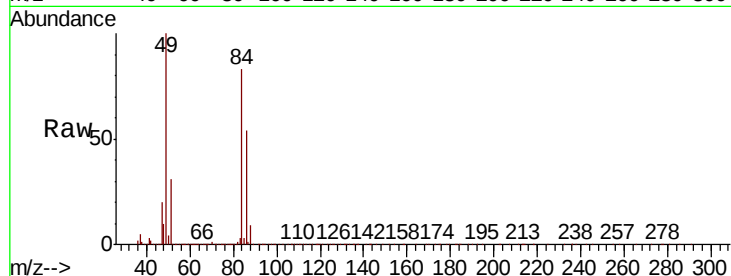


#20
Methylene Chloride
Concen: 266.239 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006992.D
Acq: 10 Jan 2019 16:14

Instrument :
MSVOA_X
ClientSampleId :
TP-15

Tgt Ion: 84 Resp: 1665877

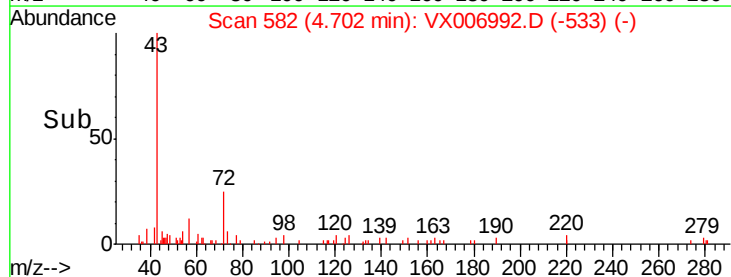
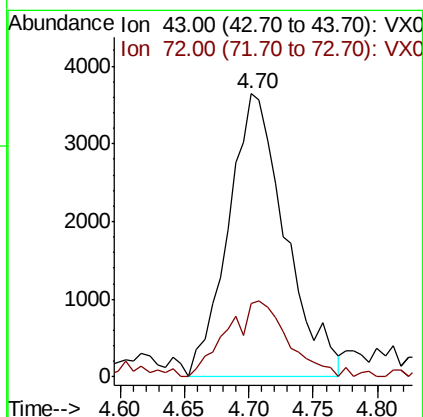
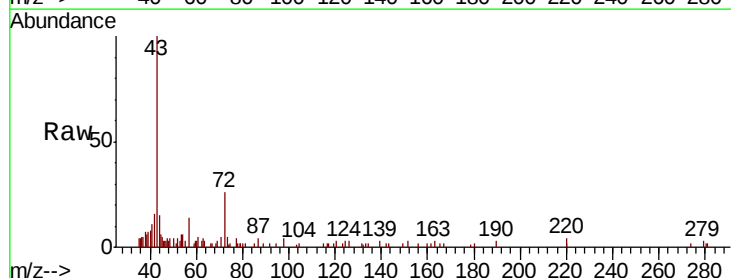
Ion	Ratio	Lower	Upper
84	100		
49	120.8	91.8	137.6
51	37.2	28.5	42.7
86	64.8	50.2	75.2

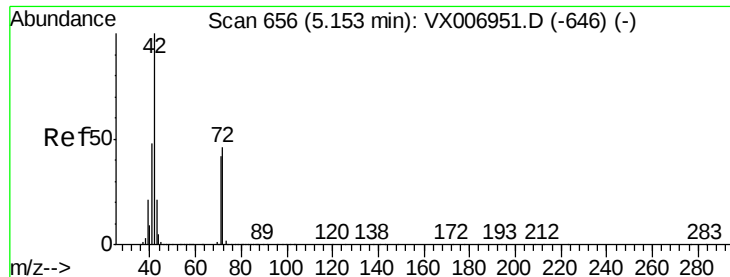


#25
2-Butanone
Concen: 2.357 ug/l
RT: 4.70 min Scan# 582
Delta R.T. 0.00 min
Lab File: VX006992.D
Acq: 10 Jan 2019 16:14

Tgt Ion: 43 Resp: 11199

Ion	Ratio	Lower	Upper
43	100		
72	25.8	22.4	33.6

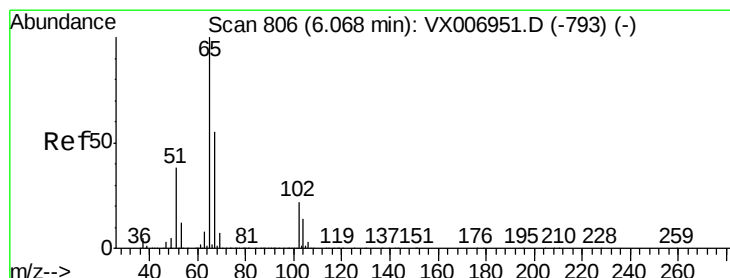
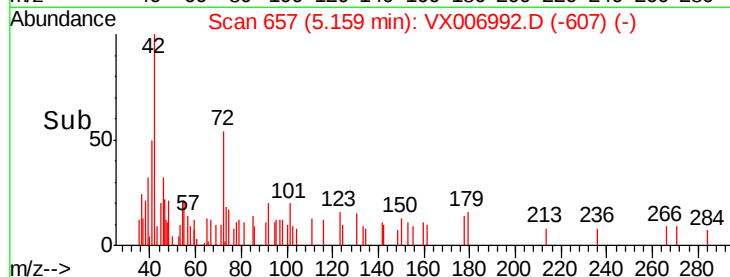
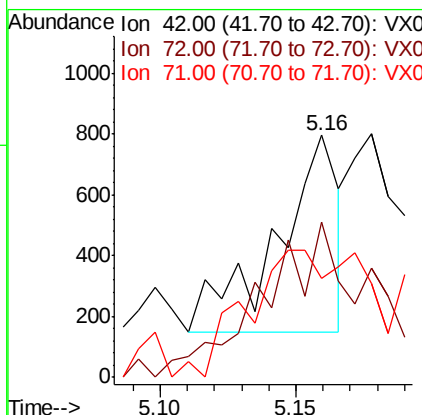
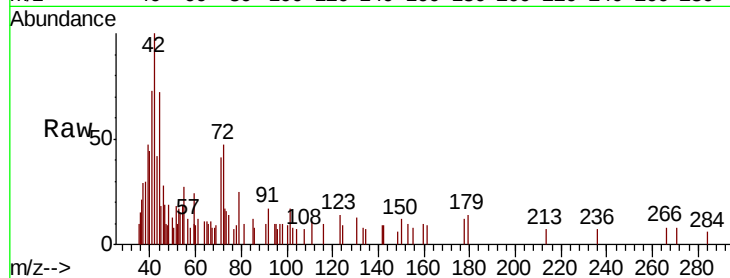




#29
Tetrahydrofuran
Concen: 0.334 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX006992.D
Acq: 10 Jan 2019 16:14

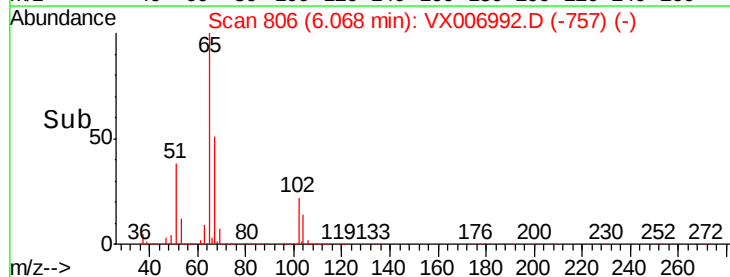
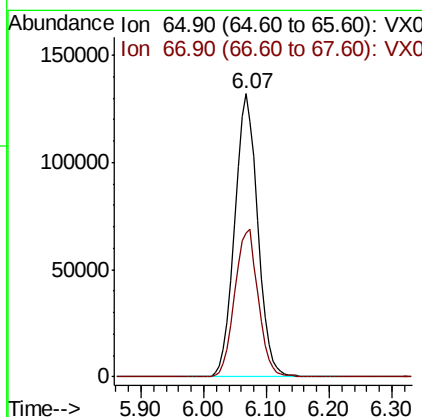
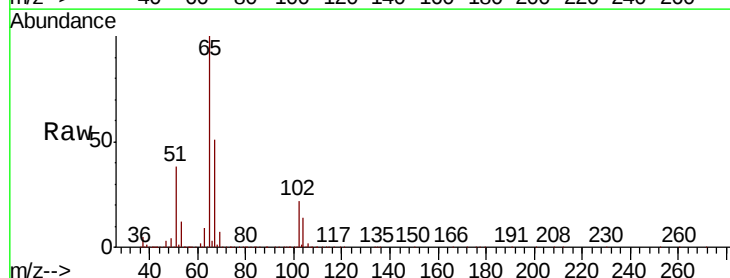
Instrument :
MSVOA_X
ClientSampled :
TP-15

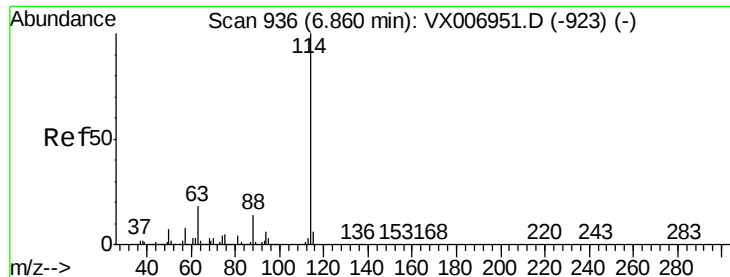
Tgt Ion: 42 Resp: 1031
Ion Ratio Lower Upper
42 100
72 130.6 38.9 58.3#
71 76.3 36.2 54.4#



#33
1,2-Dichloroethane-d4
Concen: 49.957 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX006992.D
Acq: 10 Jan 2019 16:14

Tgt Ion: 65 Resp: 335519
Ion Ratio Lower Upper
65 100
67 53.2 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: VX006992.D

Acq: 10 Jan 2019 16:14

Instrument :

MSVOA_X

ClientSampled :

TP-15

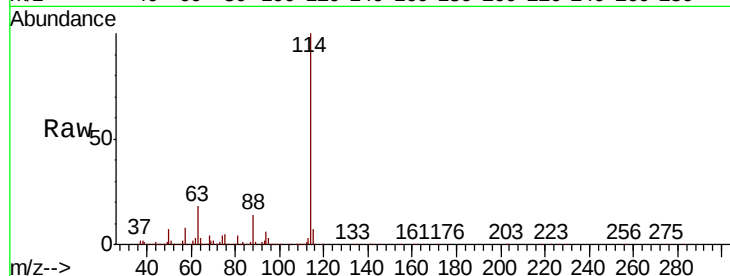
Tgt Ion:114 Resp: 978296

Ion Ratio Lower Upper

114 100

63 17.8 0.0 34.8

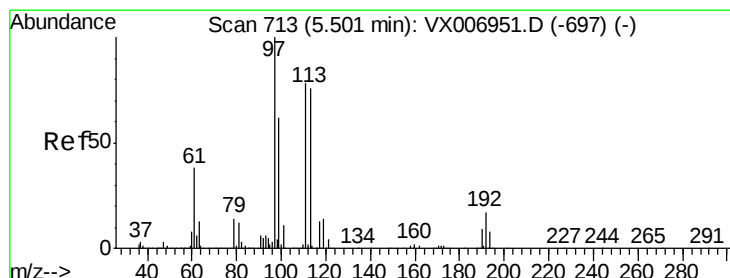
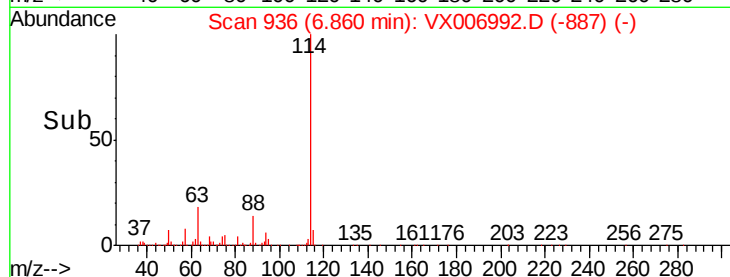
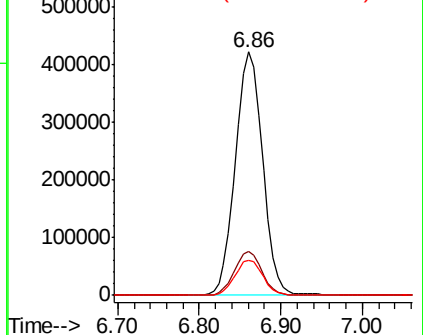
88 14.1 0.0 28.8



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: 47.135 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006992.D

Acq: 10 Jan 2019 16:14

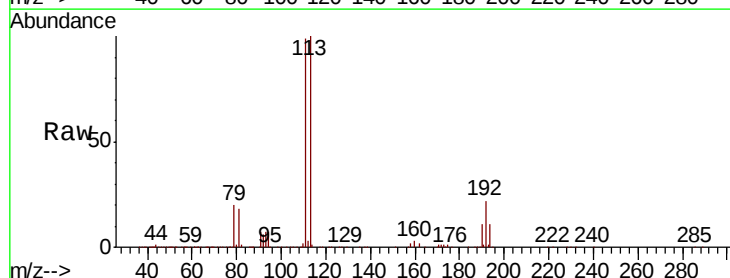
Tgt Ion:113 Resp: 295299

Ion Ratio Lower Upper

113 100

111 103.3 81.6 122.4

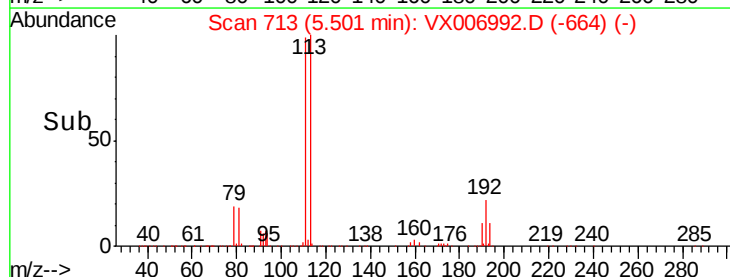
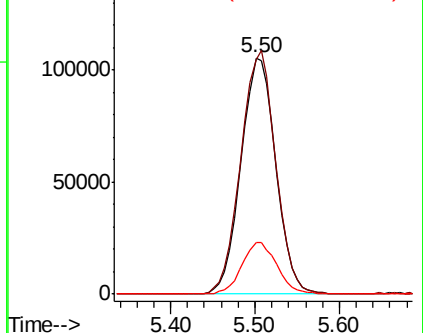
192 22.2 16.7 25.1

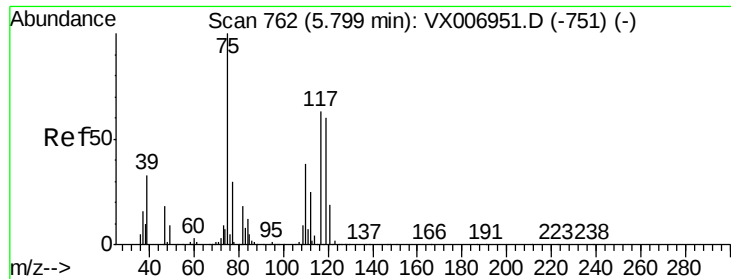


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

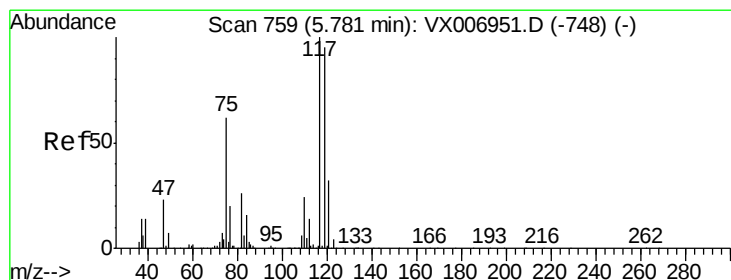
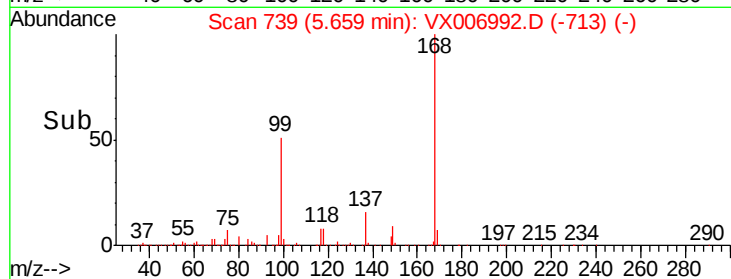
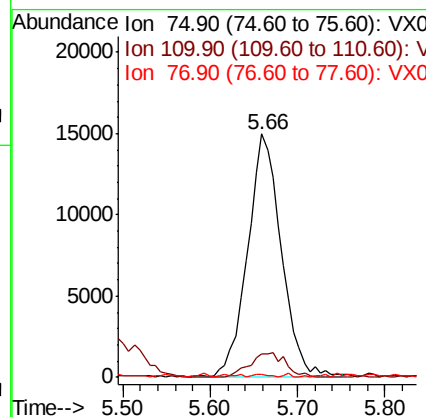
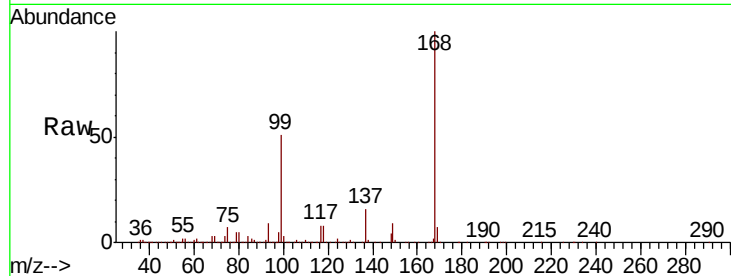




#36
 1,1-Dichloropropene
 Concen: 4.725 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX006992.D
 Acq: 10 Jan 2019 16:14

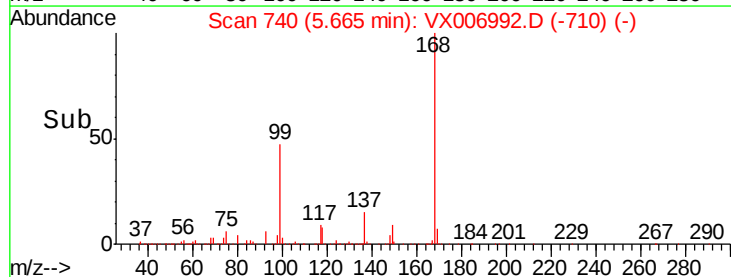
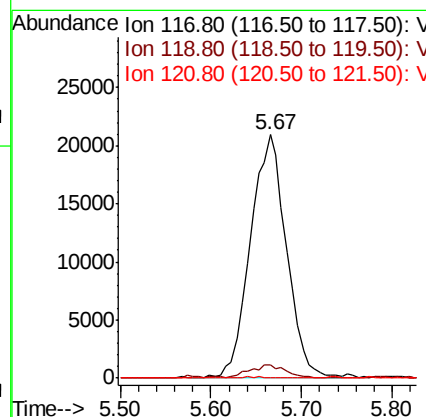
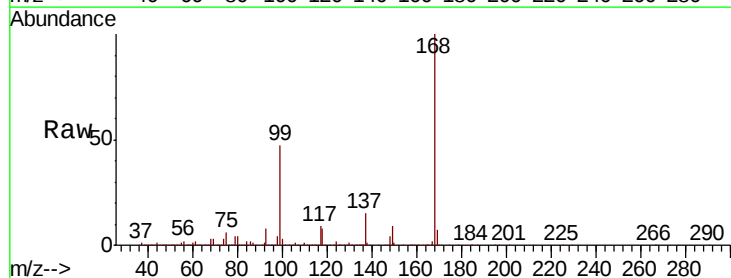
Instrument :
 MSVOA_X
 ClientSampleId :
 TP-15

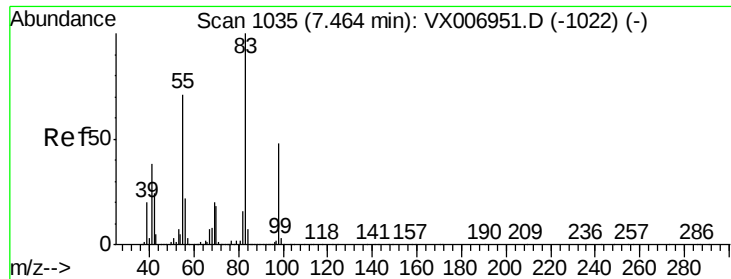
Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.8	20.2	60.5#
77	0.6	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 6.721 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.12 min
 Lab File: VX006992.D
 Acq: 10 Jan 2019 16:14

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.1	79.4	119.2#
121	0.4	24.0	36.0#

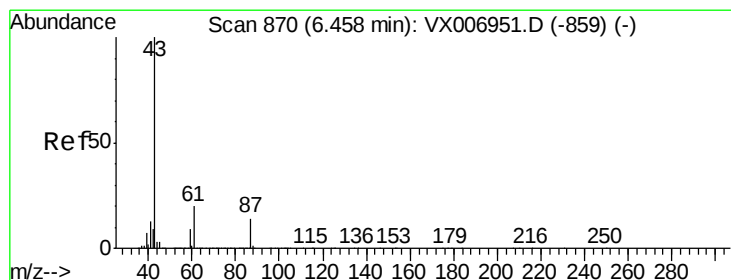
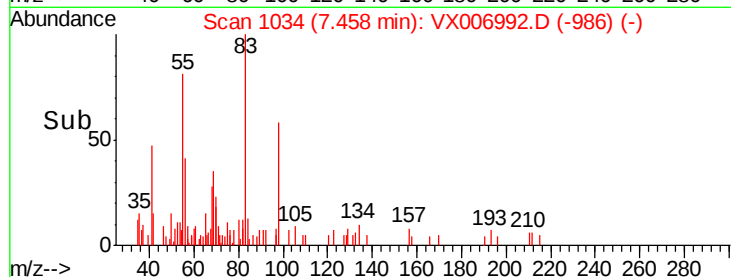
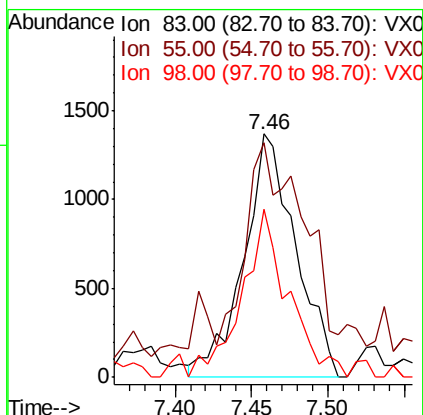
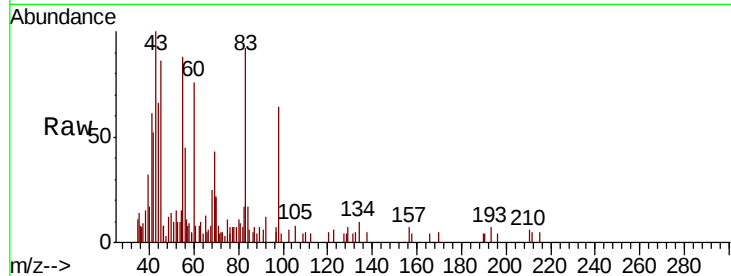




#39
Methylcyclohexane
Concen: 0.299 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX006992.D
Acq: 10 Jan 2019 16:14

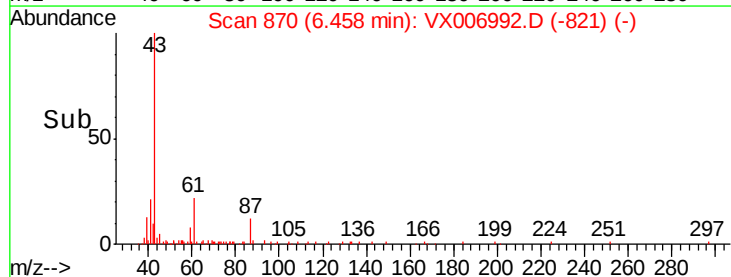
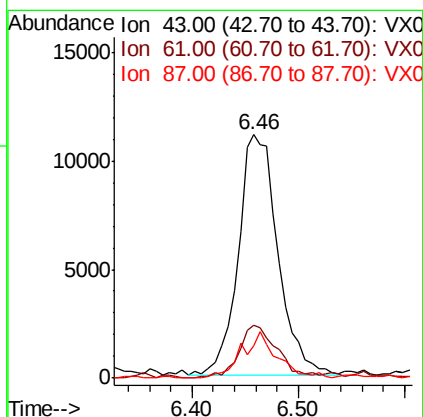
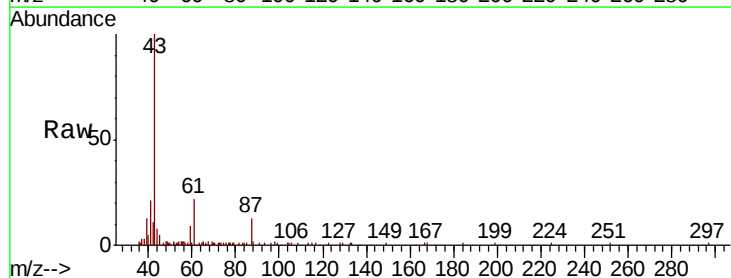
Instrument :
MSVOA_X
ClientSampleId :
TP-15

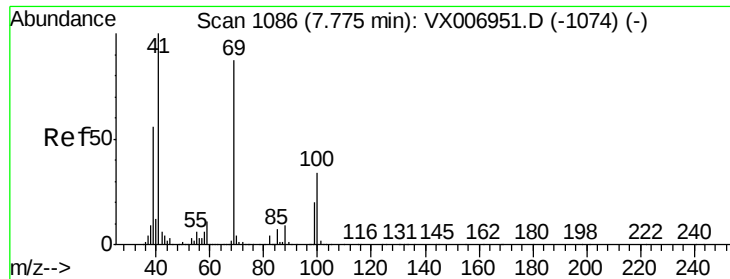
Tgt Ion: 83 Resp: 3238
Ion Ratio Lower Upper
83 100
55 84.5 54.9 82.3#
98 69.2 37.9 56.9#



#43
Isopropyl Acetate
Concen: 2.013 ug/l
RT: 6.46 min Scan# 870
Delta R.T. 0.00 min
Lab File: VX006992.D
Acq: 10 Jan 2019 16:14

Tgt Ion: 43 Resp: 28955
Ion Ratio Lower Upper
43 100
61 21.4 16.8 25.2
87 17.1 12.4 18.6

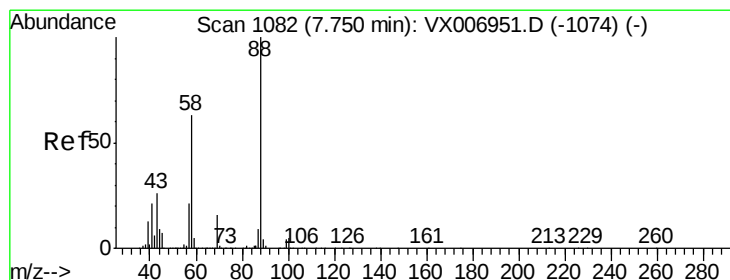
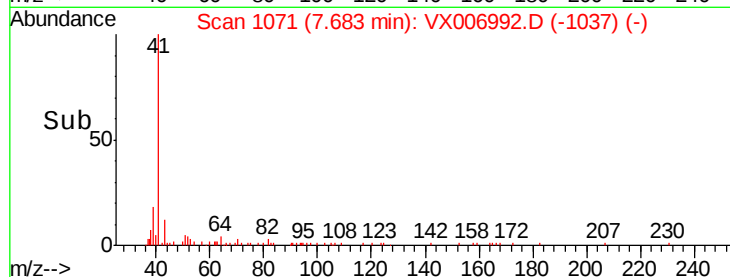
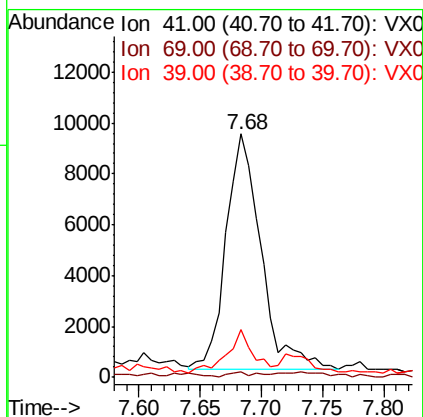
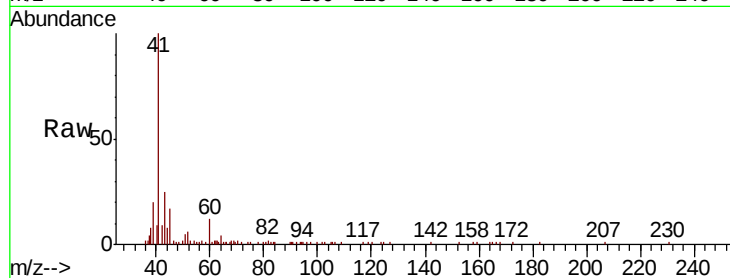




#48
Methyl methacrylate
Concen: 2.478 ug/l
RT: 7.68 min Scan# 1071
Delta R.T. -0.09 min
Lab File: VX006992.D
Acq: 10 Jan 2019 16:14

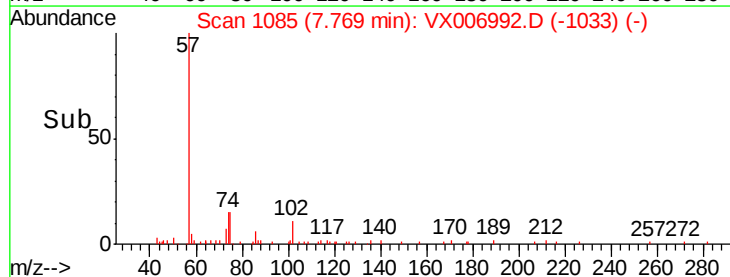
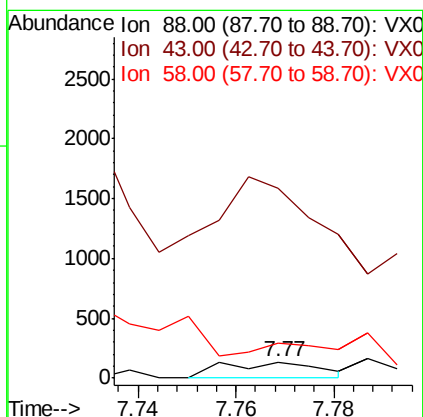
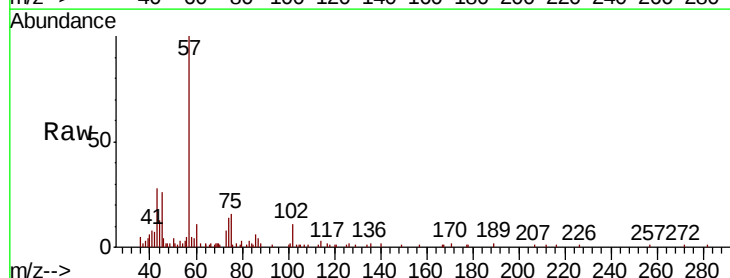
Instrument :
MSVOA_X
ClientSampleId :
TP-15

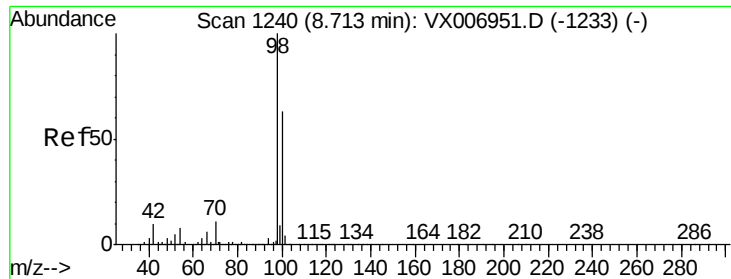
Tgt Ion: 41 Resp: 18300
Ion Ratio Lower Upper
41 100
69 1.1 72.4 108.6#
39 0.0 45.8 68.8#



#49
1,4-Dioxane
Concen: Below Cal
RT: 7.77 min Scan# 1085
Delta R.T. 0.02 min
Lab File: VX006992.D
Acq: 10 Jan 2019 16:14

Tgt Ion: 88 Resp: 181
Ion Ratio Lower Upper
88 100
43 0.0 22.2 33.4#
58 168.0 51.0 76.4#





#50

Toluene-d8

Concen: 51.852 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006992.D

Acq: 10 Jan 2019 16:14

Instrument :

MSVOA_X

ClientSampleId :

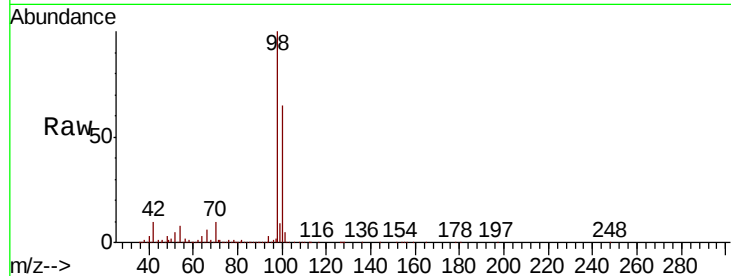
TP-15

Tgt Ion: 98 Resp: 1189060

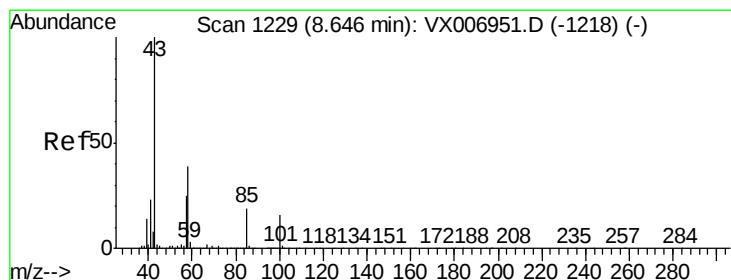
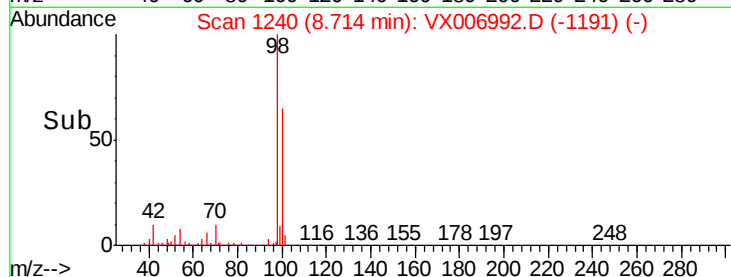
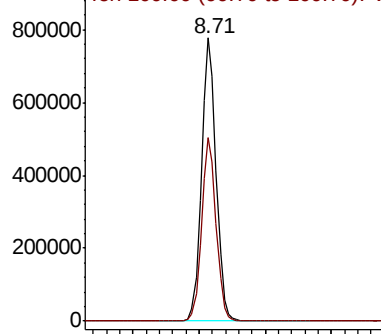
Ion Ratio Lower Upper

98 100

100 64.2 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX006951.D (-1233) (-)



#51

4-Methyl-2-Pentanone

Concen: 15.923 ug/l

RT: 8.62 min Scan# 1224

Delta R.T. -0.03 min

Lab File: VX006992.D

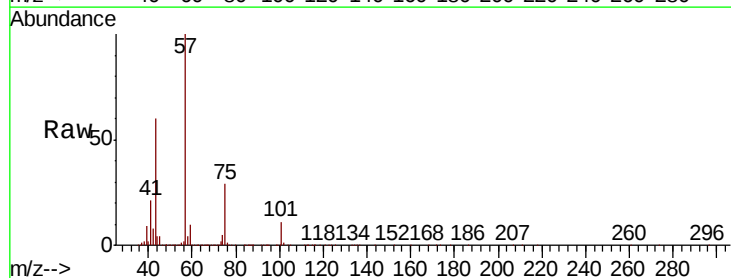
Acq: 10 Jan 2019 16:14

Tgt Ion: 43 Resp: 147187

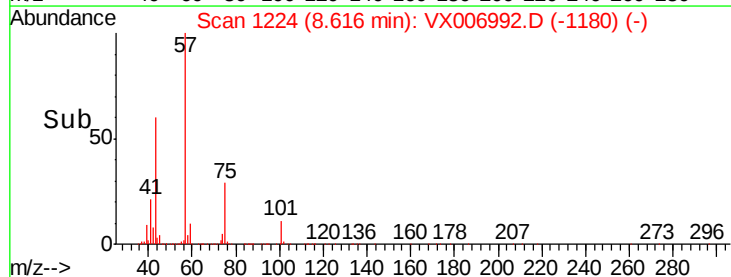
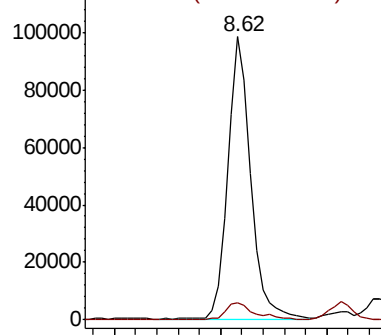
Ion Ratio Lower Upper

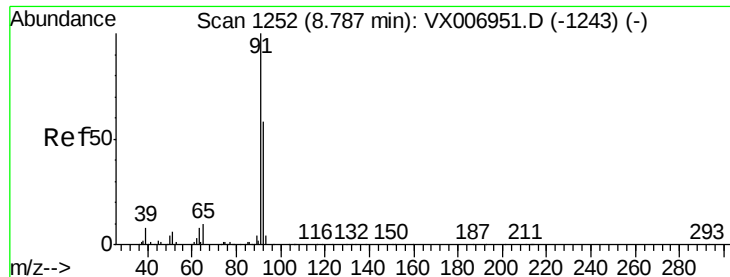
43 100

58 8.0 31.8 47.6#



Abundance Ion 43.00 (42.70 to 43.70): VX006951.D (-1218) (-)





#52

Toluene

Concen: 0.572 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX006992.D

Acq: 10 Jan 2019 16:14

Instrument :

MSVOA_X

ClientSampled :

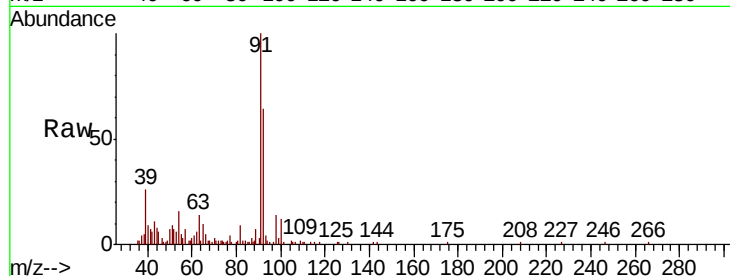
TP-15

Tgt Ion: 92 Resp: 9534

Ion Ratio Lower Upper

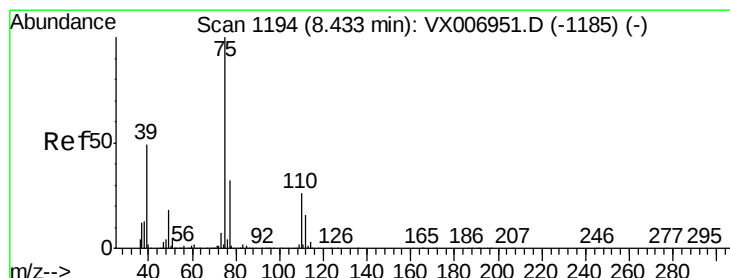
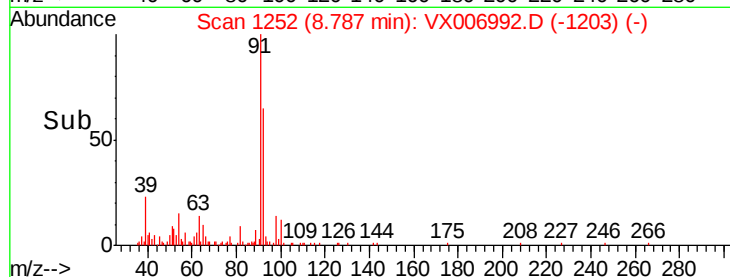
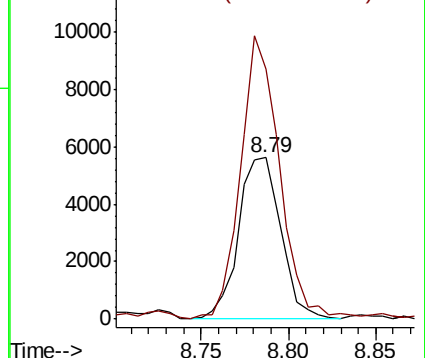
92 100

91 161.7 137.6 206.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#54

cis-1,3-Dichloropropene

Concen: 7.590 ug/l

RT: 8.62 min Scan# 1224

Delta R.T. 0.18 min

Lab File: VX006992.D

Acq: 10 Jan 2019 16:14

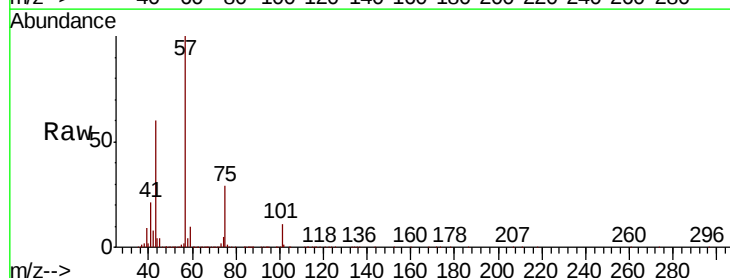
Tgt Ion: 75 Resp: 72546

Ion Ratio Lower Upper

75 100

77 0.3 26.2 39.2#

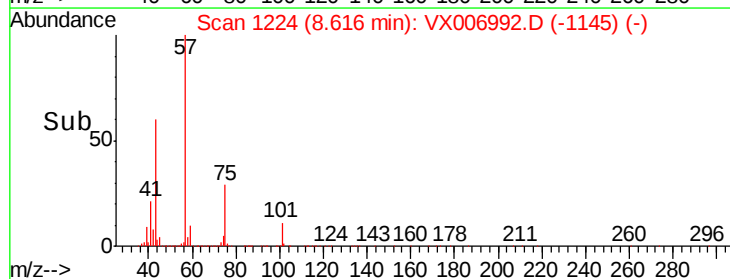
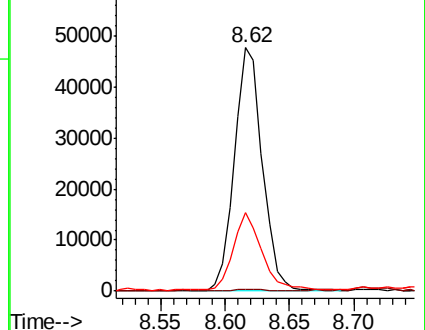
39 31.6 36.7 55.1#

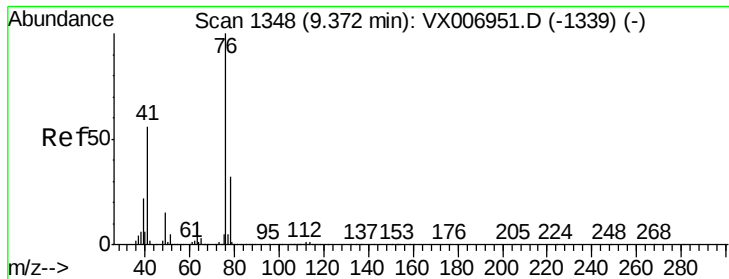


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 1.457 ug/l

RT: 9.54 min Scan# 1376

Delta R.T. 0.17 min

Lab File: VX006992.D

Acq: 10 Jan 2019 16:14

Instrument :

MSVOA_X

ClientSampleId :

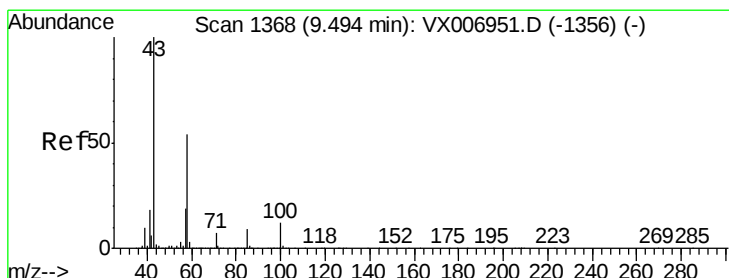
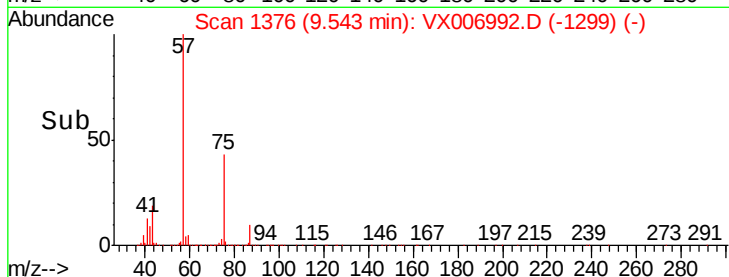
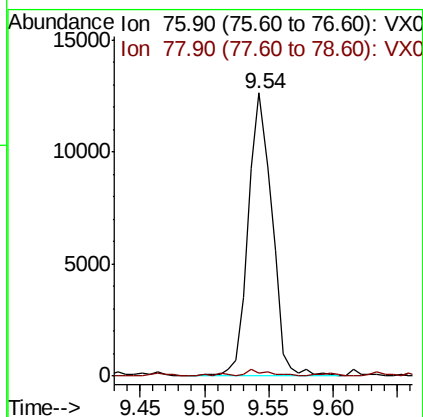
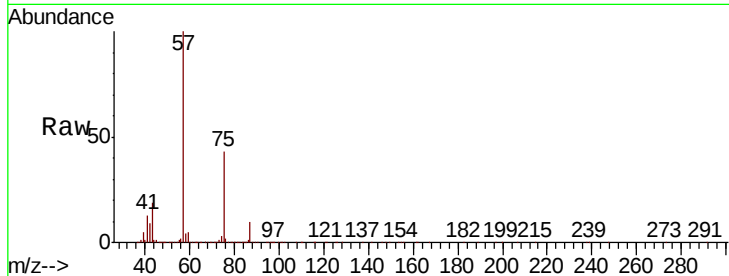
TP-15

Tgt Ion: 76 Resp: 15934

Ion Ratio Lower Upper

76 100

78 2.2 26.0 39.0#



#59

2-Hexanone

Concen: 27.797 ug/l

RT: 9.54 min Scan# 1376

Delta R.T. 0.05 min

Lab File: VX006992.D

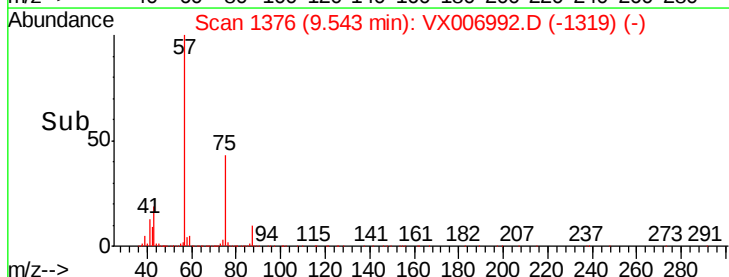
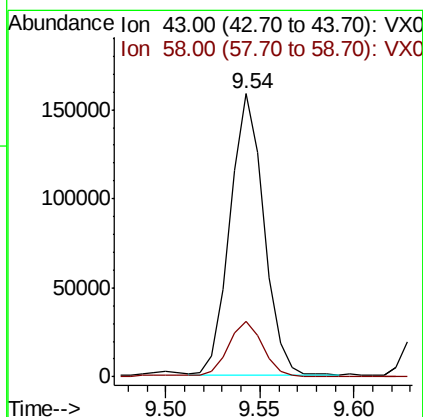
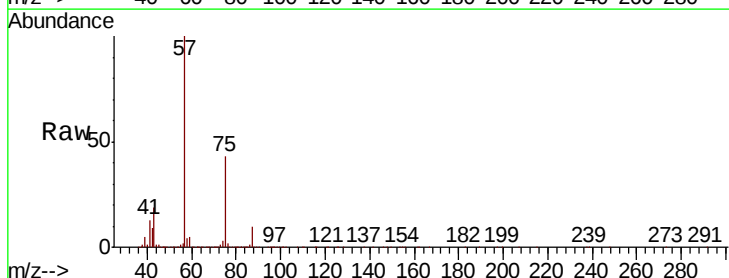
Acq: 10 Jan 2019 16:14

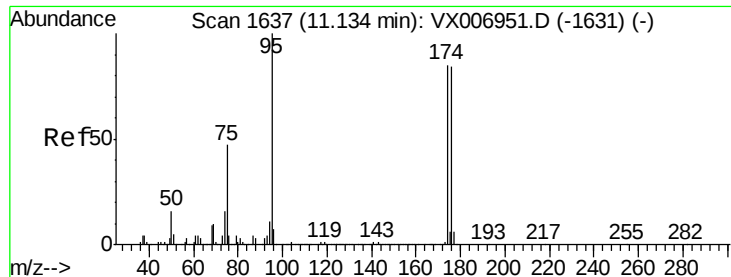
Tgt Ion: 43 Resp: 195807

Ion Ratio Lower Upper

43 100

58 20.7 27.7 83.1#

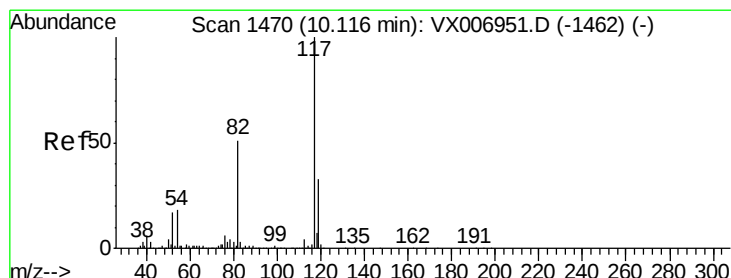
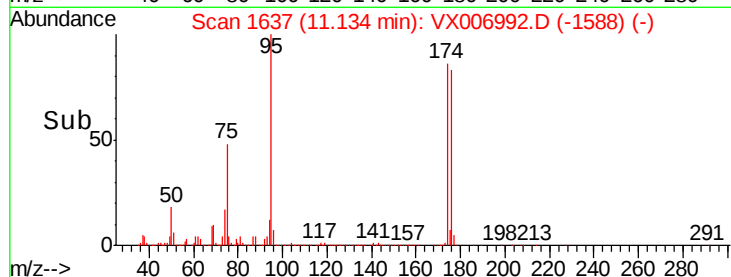
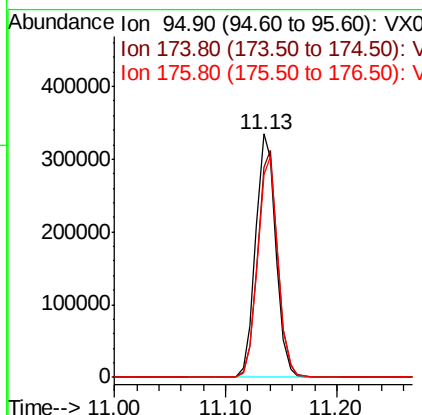
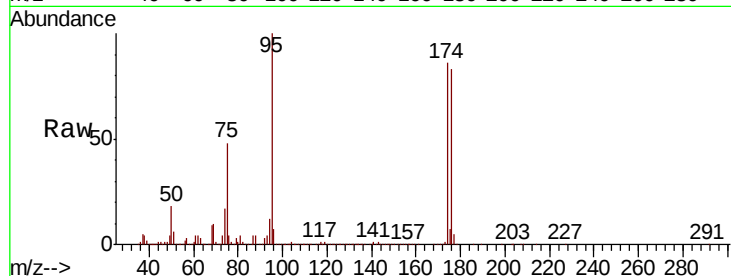




#62
4-Bromofluorobenzene
Concen: 53.079 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX006992.D
Acq: 10 Jan 2019 16:14

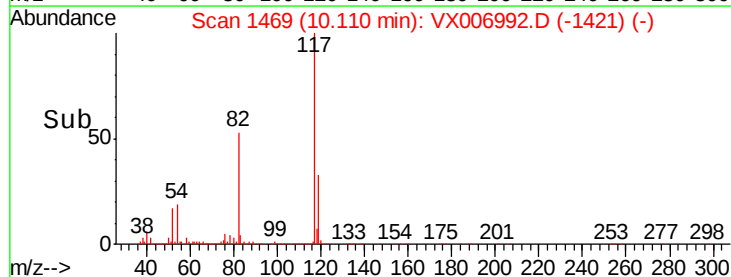
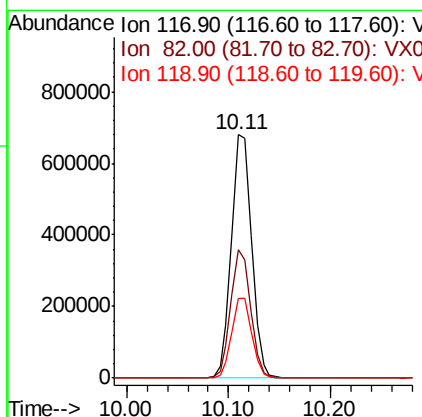
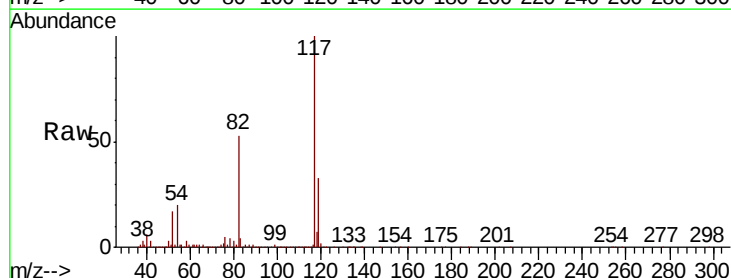
Instrument :
MSVOA_X
ClientSampleId :
TP-15

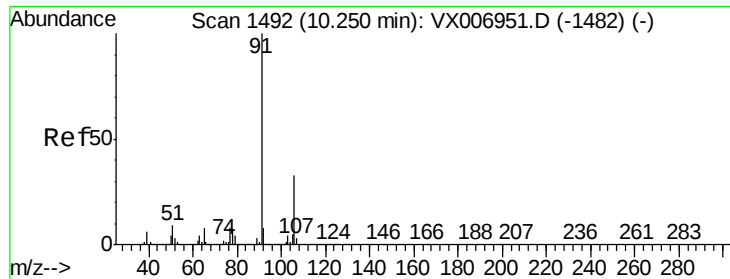
Tgt Ion: 95 Resp: 424339
Ion Ratio Lower Upper
95 100
174 92.6 0.0 182.2
176 90.5 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VX006992.D
Acq: 10 Jan 2019 16:14

Tgt Ion: 117 Resp: 931796
Ion Ratio Lower Upper
117 100
82 52.7 41.0 61.6
119 32.7 25.4 38.0

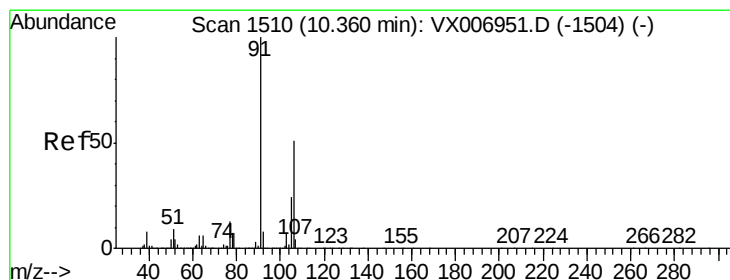
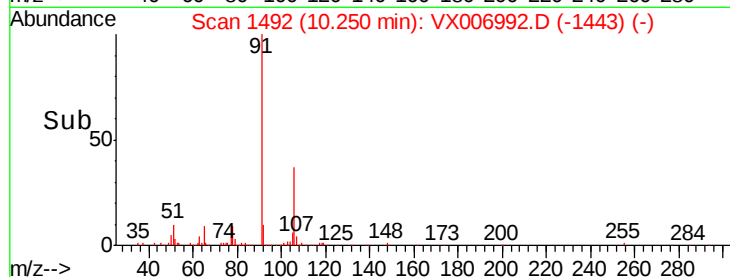
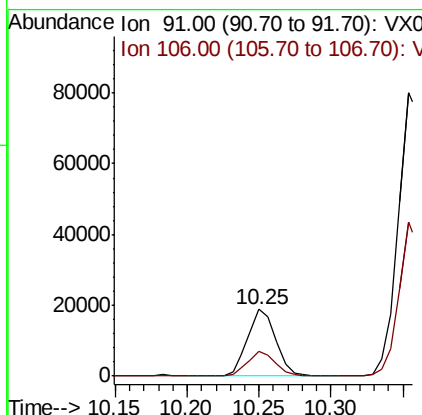
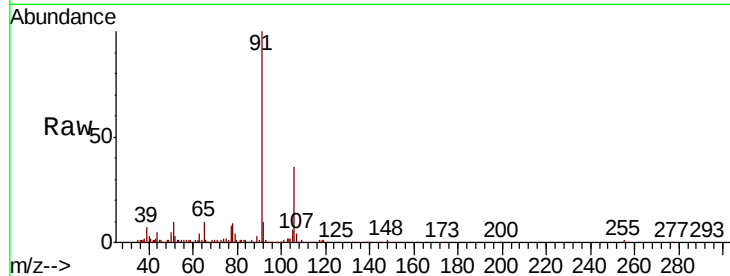




#67
Ethyl Benzene
Concen: 0.764 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX006992.D
Acq: 10 Jan 2019 16:14

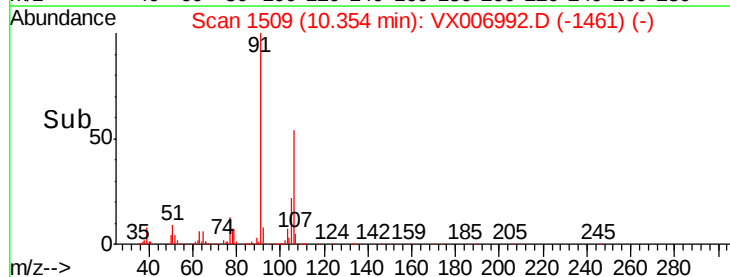
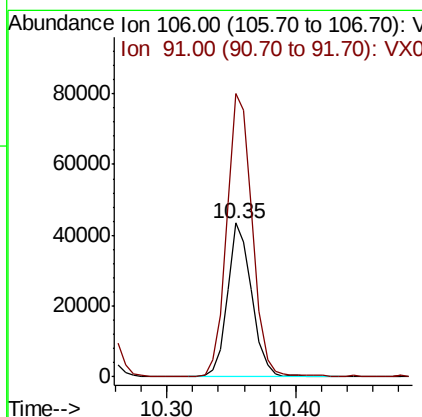
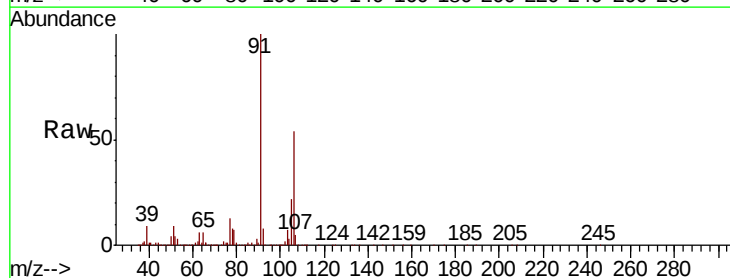
Instrument :
MSVOA_X
ClientSampled :
TP-15

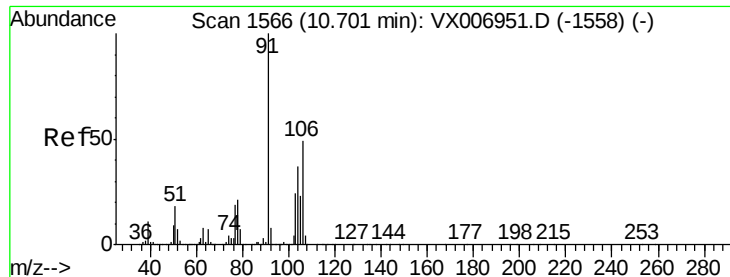
Tgt Ion: 91 Resp: 25636
Ion Ratio Lower Upper
91 100
106 35.9 26.4 39.6



#68
m/p-Xylenes
Concen: 4.351 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX006992.D
Acq: 10 Jan 2019 16:14

Tgt Ion: 106 Resp: 57511
Ion Ratio Lower Upper
106 100
91 192.1 155.8 233.6

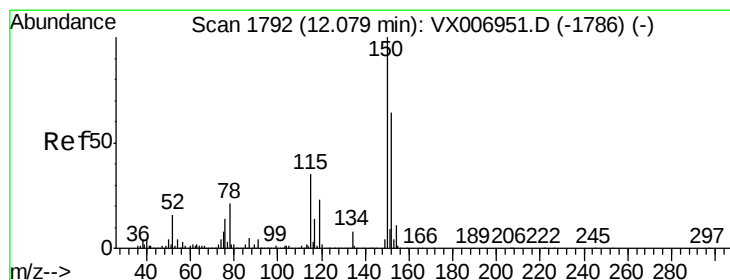
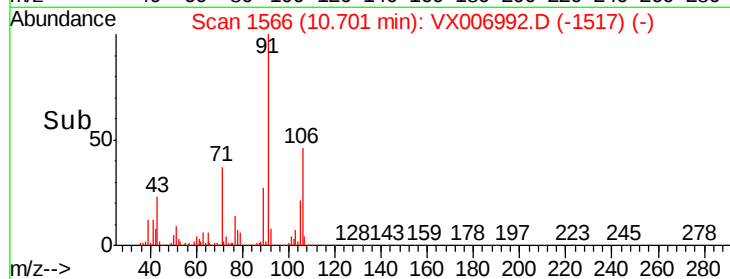
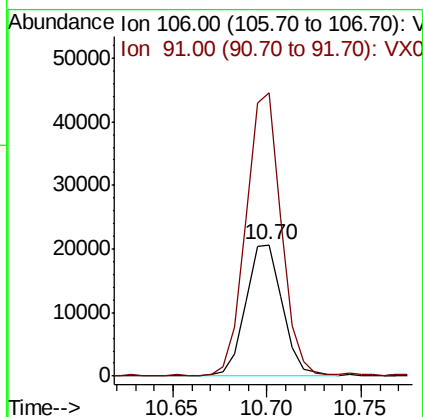
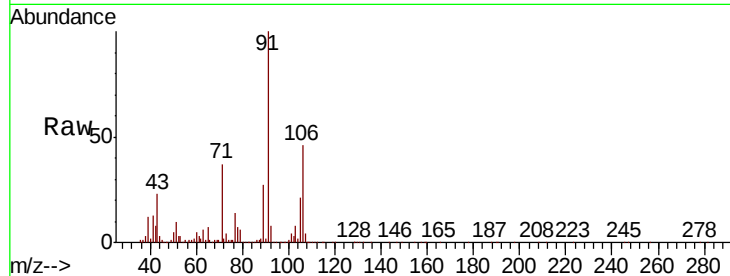




#69
o-Xylene
Concen: 2.175 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006992.D
Acq: 10 Jan 2019 16:14

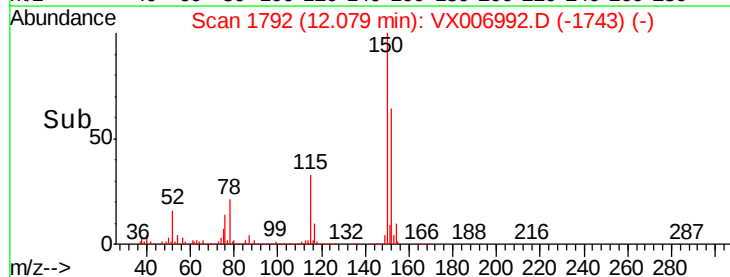
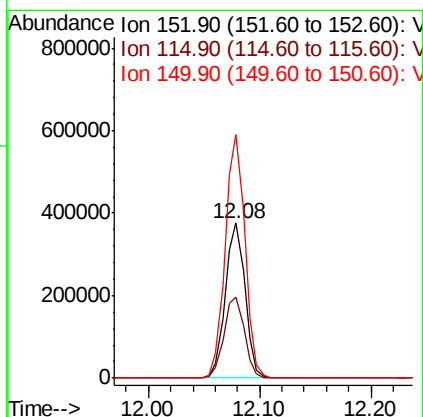
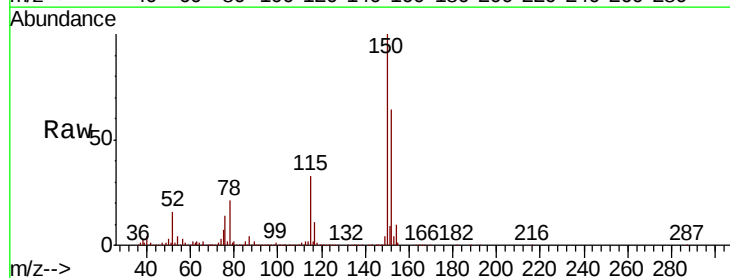
Instrument :
MSVOA_X
ClientSampled :
TP-15

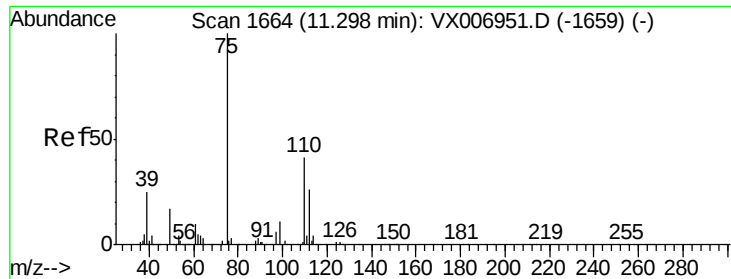
Tgt Ion:106 Resp: 28043
Ion Ratio Lower Upper
106 100
91 204.7 101.3 303.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006992.D
Acq: 10 Jan 2019 16:14

Tgt Ion:152 Resp: 461746
Ion Ratio Lower Upper
152 100
115 53.9 39.1 117.2
150 156.4 0.0 344.8

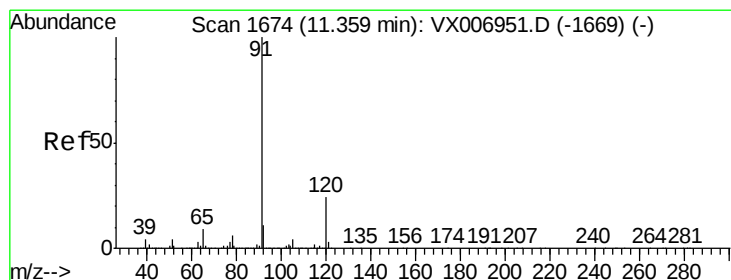
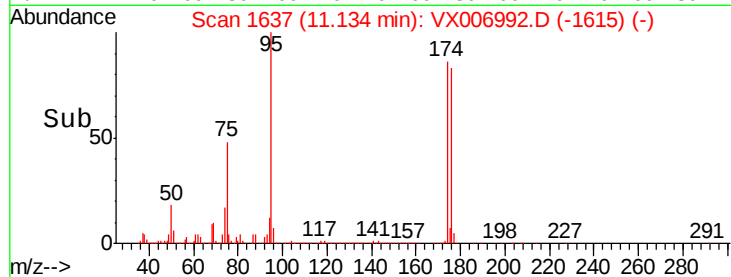
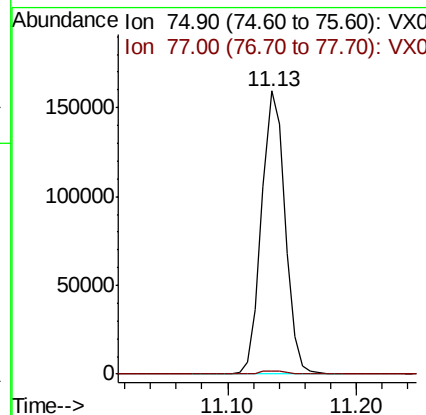
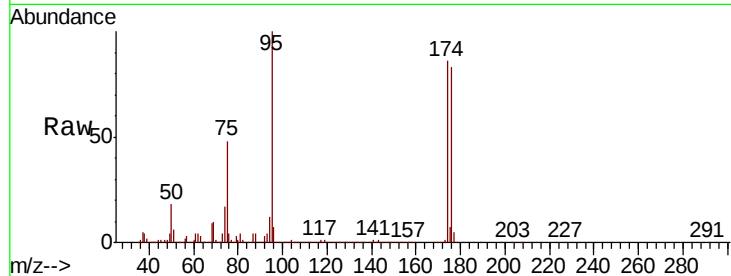




#76
 1,2,3-Trichloropropane
 Concen: 21.393 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX006992.D
 Acq: 10 Jan 2019 16:14

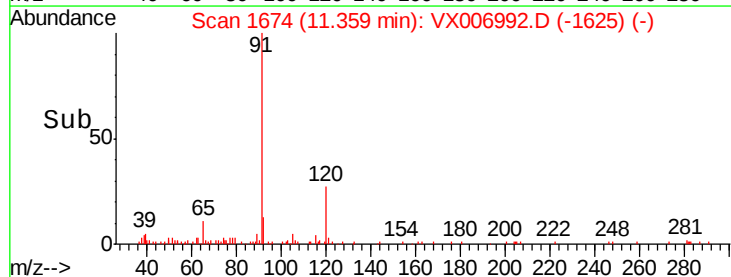
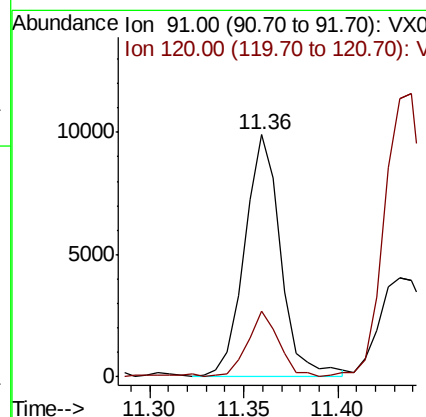
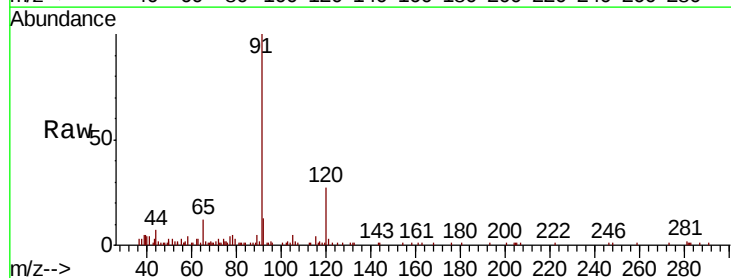
Instrument :
 MSVOA_X
 ClientSampleId :
 TP-15

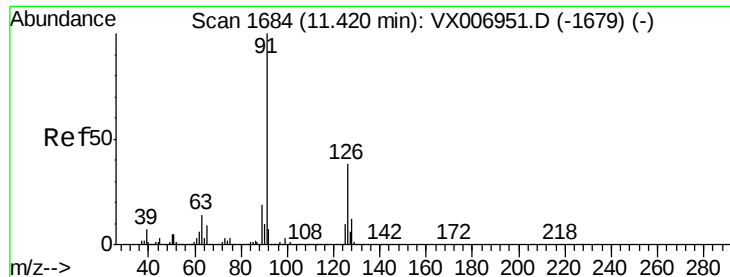
Tgt Ion: 75 Resp: 200177
 Ion Ratio Lower Upper
 75 100
 77 1.4 18.5 55.5#



#78
 n-propylbenzene
 Concen: 0.368 ug/l
 RT: 11.36 min Scan# 1674
 Delta R.T. 0.00 min
 Lab File: VX006992.D
 Acq: 10 Jan 2019 16:14

Tgt Ion: 91 Resp: 13162
 Ion Ratio Lower Upper
 91 100
 120 23.3 12.7 38.0





#79

2-Chlorotoluene

Concen: 0.394 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX006992.D

Acq: 10 Jan 2019 16:14

Instrument :

MSVOA_X

ClientSampleId :

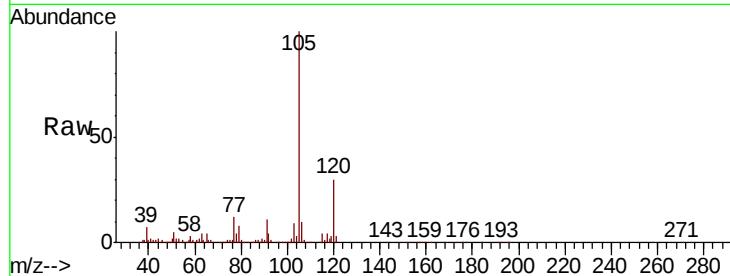
TP-15

Tgt Ion: 91 Resp: 8474

Ion Ratio Lower Upper

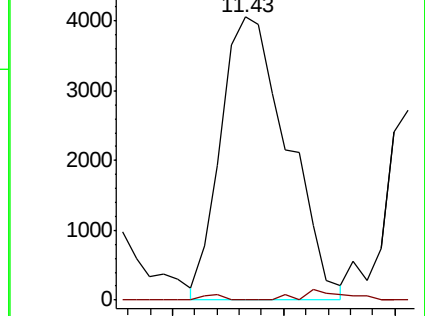
91 100

126 0.6 18.6 56.0#

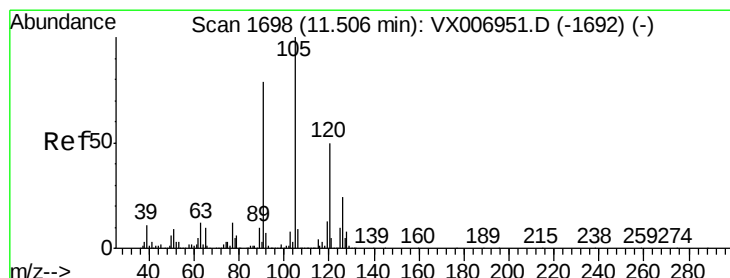
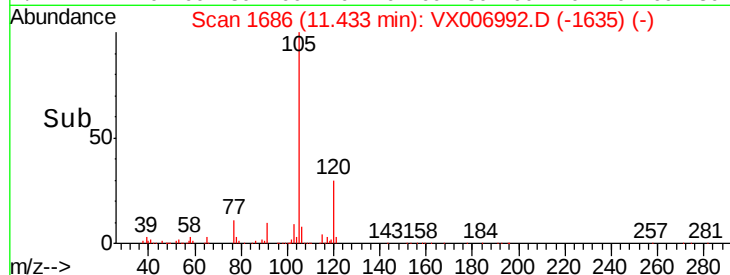


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 1.100 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006992.D

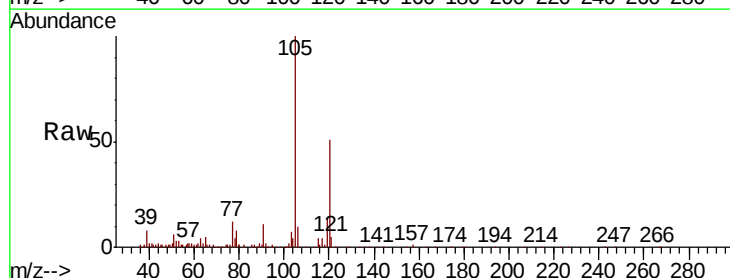
Acq: 10 Jan 2019 16:14

Tgt Ion: 105 Resp: 29923

Ion Ratio Lower Upper

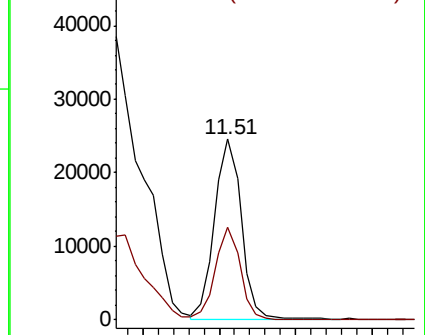
105 100

120 48.8 25.1 75.3

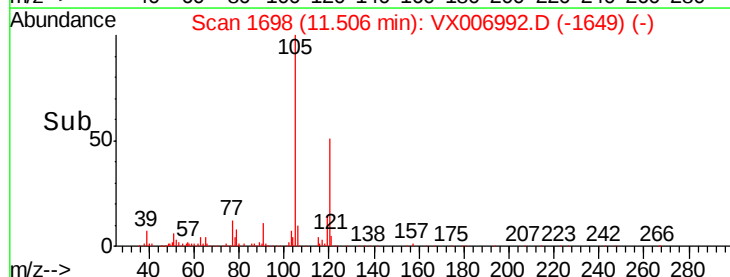


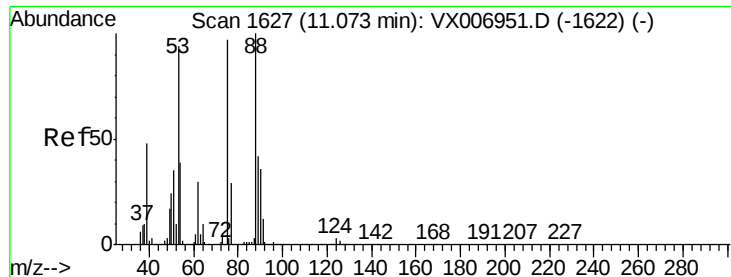
Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->

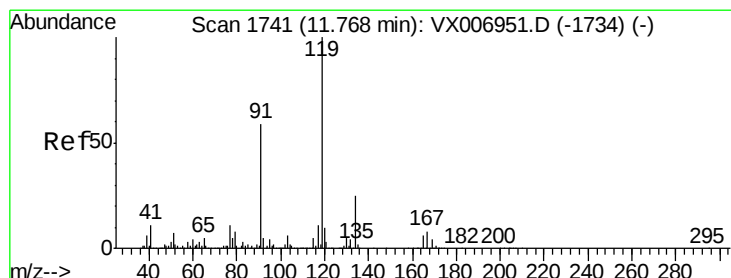
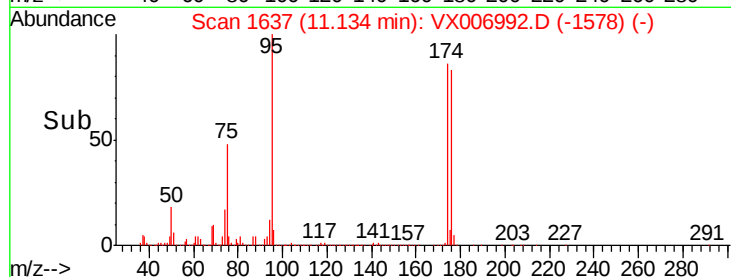
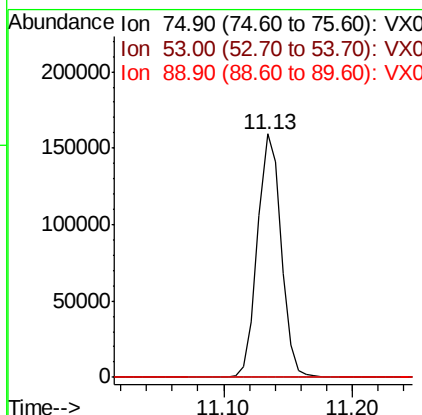
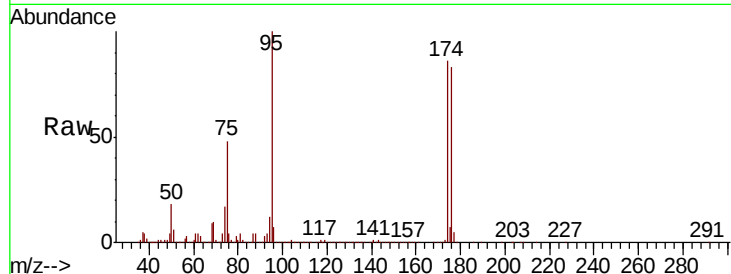




#81
trans-1,4-Dichloro-2-butene
Concen: 63.460 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX006992.D
Acq: 10 Jan 2019 16:14

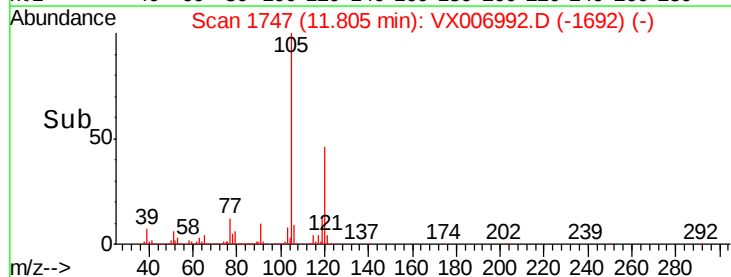
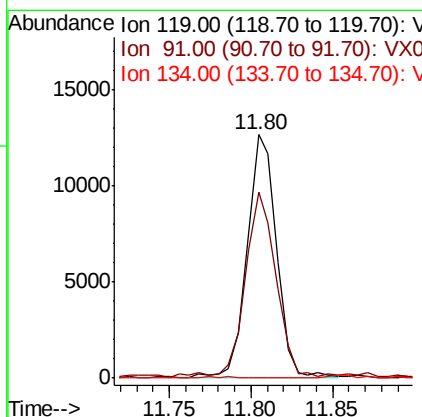
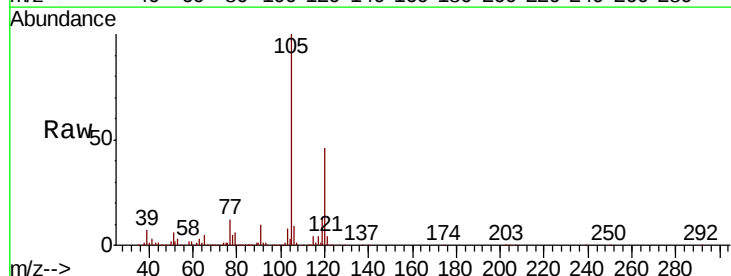
Instrument :
MSVOA_X
ClientSampleId :
TP-15

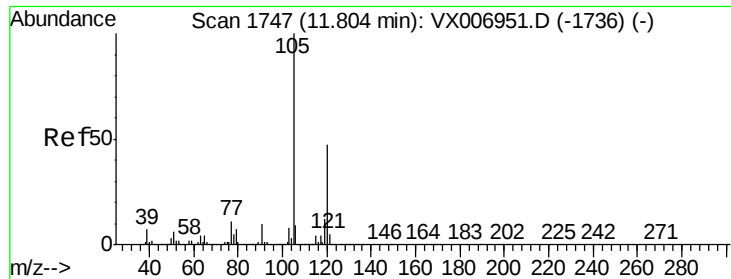
Tgt Ion: 75 Resp: 200177
Ion Ratio Lower Upper
75 100
53 0.1 79.7 119.5#
89 0.0 38.0 57.0#



#83
tert-Butylbenzene
Concen: 0.593 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.04 min
Lab File: VX006992.D
Acq: 10 Jan 2019 16:14

Tgt Ion: 119 Resp: 16086
Ion Ratio Lower Upper
119 100
91 80.6 27.7 83.1
134 0.3 11.9 35.5#

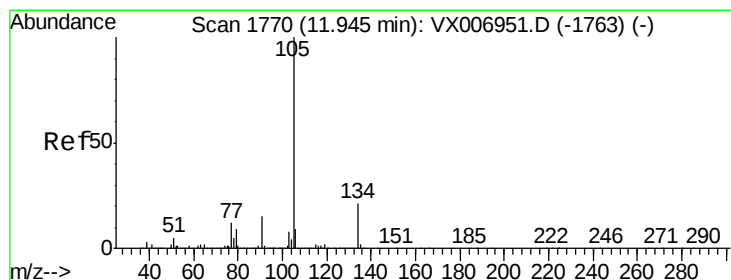
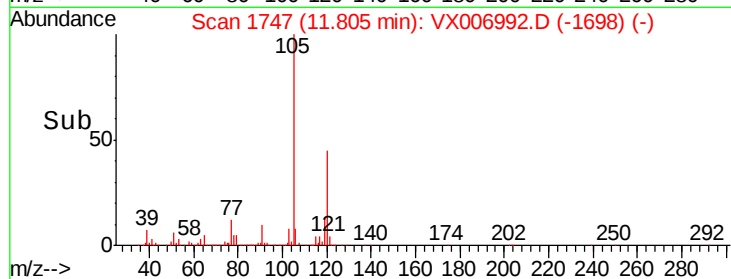
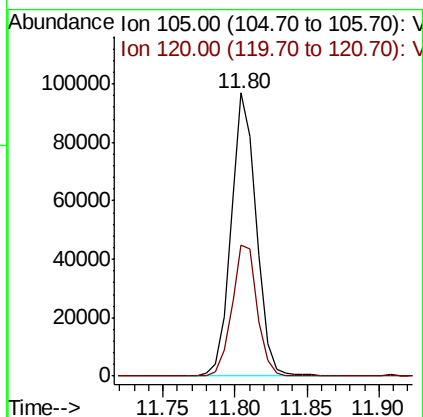
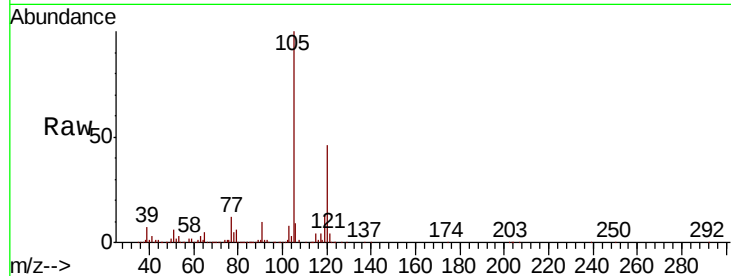




#84
 1,2,4-Trimethylbenzene
 Concen: 4.311 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX006992.D
 Acq: 10 Jan 2019 16:14

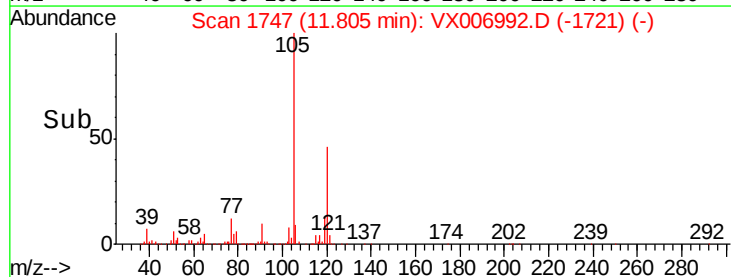
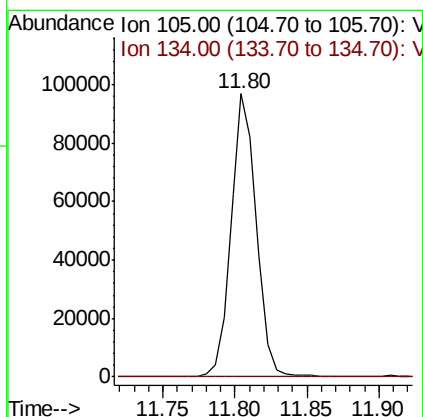
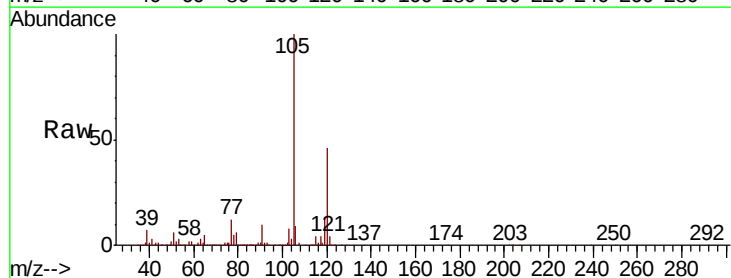
Instrument :
 MSVOA_X
 ClientSampled :
 TP-15

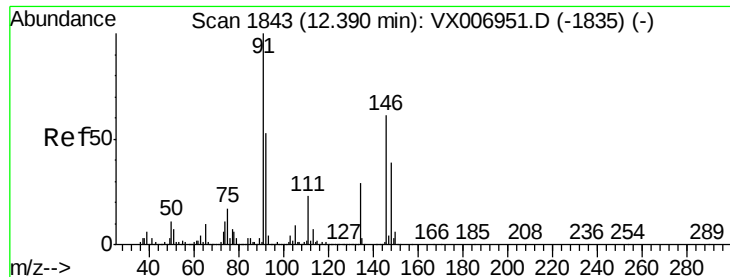
Tgt Ion:105 Resp: 117934
 Ion Ratio Lower Upper
 105 100
 120 47.1 23.2 69.6



#85
 sec-Butylbenzene
 Concen: 3.638 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.14 min
 Lab File: VX006992.D
 Acq: 10 Jan 2019 16:14

Tgt Ion:105 Resp: 117934
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.7 31.9#

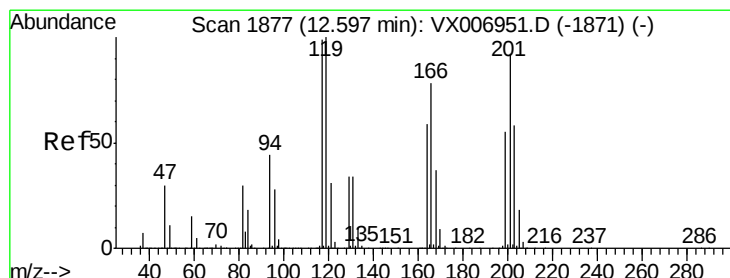
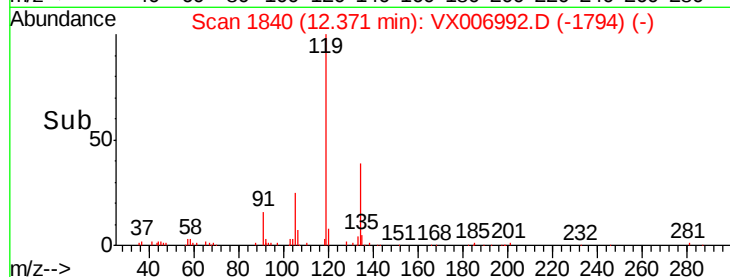
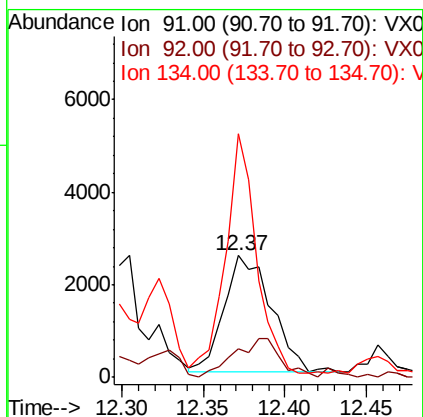
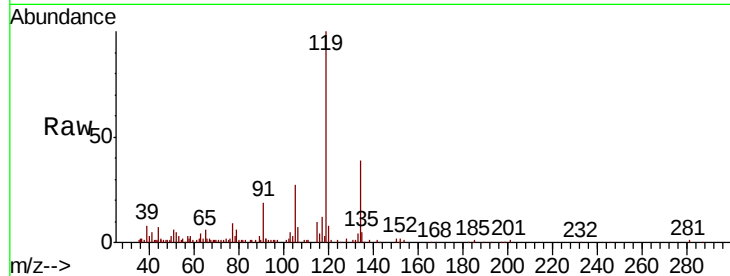




#89
n-Butylbenzene
Concen: 0.207 ug/l
RT: 12.37 min Scan# 1840
Delta R.T. -0.02 min
Lab File: VX006992.D
Acq: 10 Jan 2019 16:14

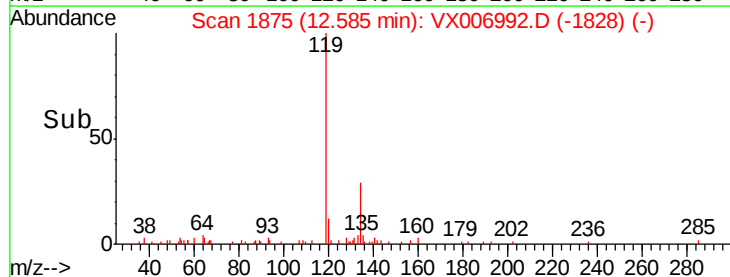
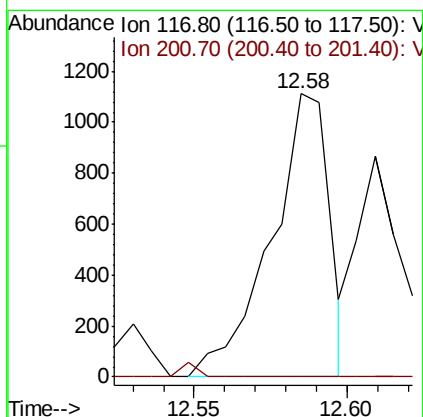
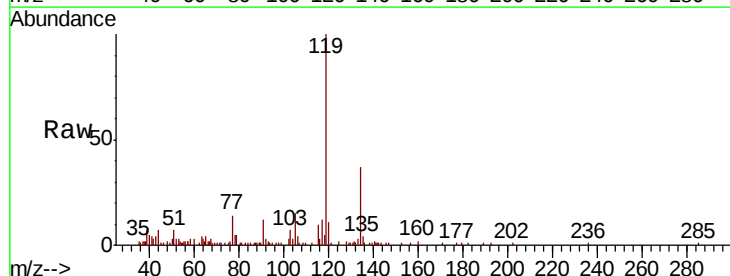
Instrument :
MSVOA_X
ClientSampled :
TP-15

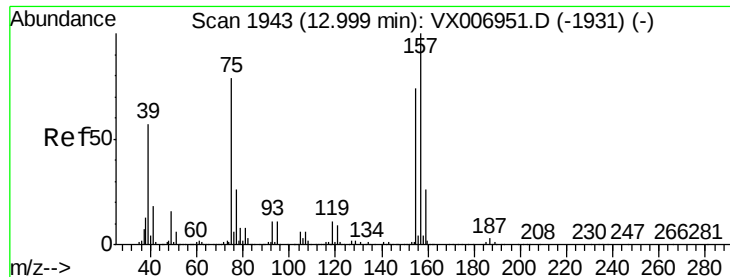
Tgt Ion: 91 Resp: 5116
Ion Ratio Lower Upper
91 100
92 32.5 26.8 80.4
134 139.9 14.4 43.2#



#90
Hexachloroethane
Concen: 3.209 ug/l
RT: 12.58 min Scan# 1875
Delta R.T. -0.01 min
Lab File: VX006992.D
Acq: 10 Jan 2019 16:14

Tgt Ion: 117 Resp: 1477
Ion Ratio Lower Upper
117 100
201 0.0 42.9 128.7#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.317 ug/l

RT: 13.01 min Scan# 1944

Delta R.T. 0.01 min

Lab File: VX006992.D

Acq: 10 Jan 2019 16:14

Instrument :

MSVOA_X

ClientSampled :

TP-15

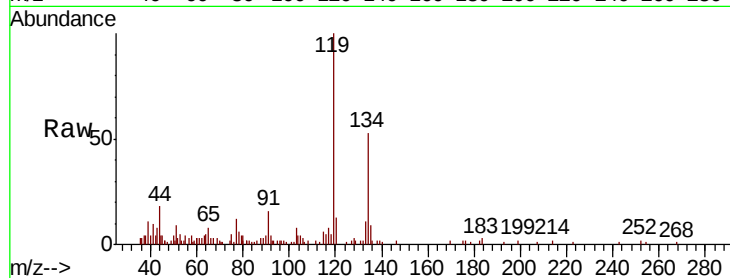
Tgt Ion: 75 Resp: 649

Ion Ratio Lower Upper

75 100

155 0.0 50.6 151.8#

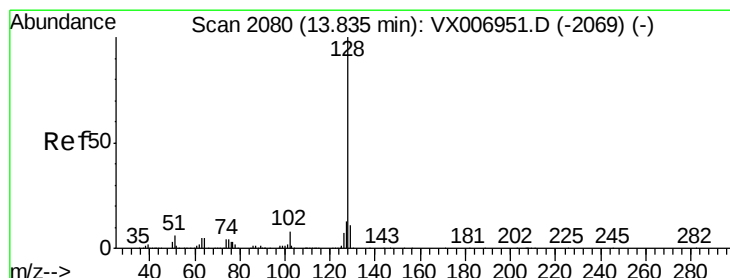
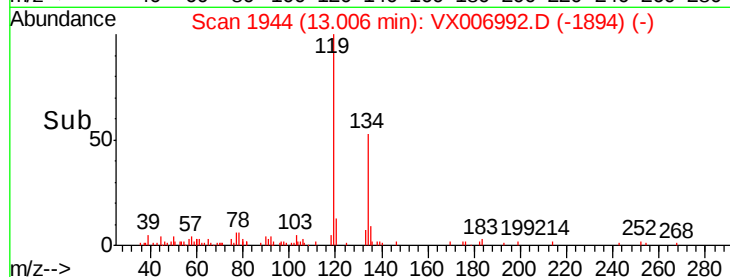
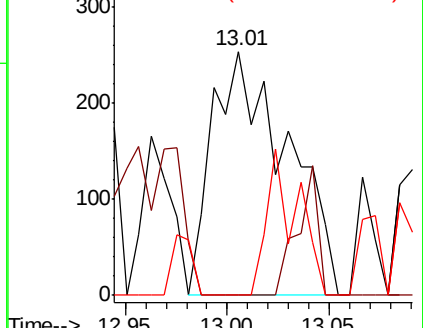
157 0.0 64.6 193.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#95

Naphthalene

Concen: 2.946 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006992.D

Acq: 10 Jan 2019 16:14

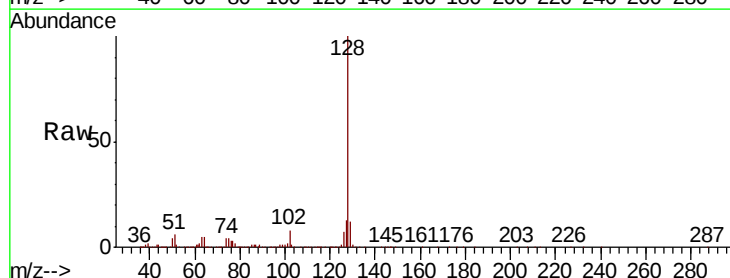
Tgt Ion: 128 Resp: 97992

Ion Ratio Lower Upper

128 100

127 12.9 10.1 15.1

129 11.3 8.6 13.0



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

