

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX011719\
 Data File : VX007114.D
 Acq On : 18 Jan 2019 03:22
 Operator : JC/SP
 Sample : K1167-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 D-10

Quant Time: Jan 18 05:09:19 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	585859	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	908998	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	861745	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	432924	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	314586	51.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.76%	
35) Dibromofluoromethane	5.51	113	280082	48.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.22%	
50) Toluene-d8	8.71	98	1107216	51.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.92%	
62) 4-Bromofluorobenzene	11.13	95	397701	53.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.08%	

Target Compounds

						Qvalue
3) Chloromethane	1.33	50	2094	0.374	ug/l #	78
11) Tert butyl alcohol	3.06	59	2254	1.561	ug/l #	70
13) Acrolein	2.30	56	1137	4.887	ug/l #	13
14) Allyl chloride	2.86	41	389074	42.162	ug/l #	26
15) Acrylonitrile	3.14	53	871	0.263	ug/l #	17
16) Acetone	2.45	43	29920	9.885	ug/l	89
18) Methyl Acetate	2.78	43	14705	1.678	ug/l	96
20) Methylene Chloride	2.86	84	10945449	1922.385	ug/l	95
25) 2-Butanone	4.70	43	7559	1.745	ug/l	94
29) Tetrahydrofuran	5.18	42	1587	0.564	ug/l #	44
36) 1,1-Dichloropropene	5.67	75	36977	4.679	ug/l #	48
38) Carbon Tetrachloride	5.67	117	51771	6.511	ug/l #	14
43) Isopropyl Acetate	6.46	43	26583	1.989	ug/l	97
48) Methyl methacrylate	7.68	41	13157	1.917	ug/l #	11
49) 1,4-Dioxane	7.74	88	112	Below Cal	#	27
51) 4-Methyl-2-Pentanone	8.62	43	133812	15.580	ug/l #	49
52) Toluene	8.79	92	51341	3.313	ug/l	96
54) cis-1,3-Dichloropropene	8.62	75	69377	7.812	ug/l #	62
57) 1,3-Dichloropropane	9.54	76	15946	1.569	ug/l #	45
59) 2-Hexanone	9.54	43	210175	32.111	ug/l #	51
67) Ethyl Benzene	10.25	91	52412	1.689	ug/l	99
68) m/p-Xylenes	10.35	106	89404	7.313	ug/l	98
69) o-Xylene	10.69	106	36444	3.057	ug/l	98
76) 1,2,3-Trichloropropane	11.13	75	190707	21.738	ug/l #	40
78) n-propylbenzene	11.36	91	30762	0.918	ug/l	96
79) 2-Chlorotoluene	11.43	91	17688	0.877	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.51	105	60113	2.357	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.13	75	190707	64.422	ug/l #	10
82) 4-Chlorotoluene	11.51	91	6660	0.285	ug/l #	49
84) 1,2,4-Trimethylbenzene	11.80	105	201227	7.845	ug/l	99
85) sec-Butylbenzene	11.80	105	201227	6.621	ug/l #	55
89) n-Butylbenzene	12.38	91	7190	0.310	ug/l #	3
90) Hexachloroethane	12.61	117	1310	3.192	ug/l #	11
92) 1,2-Dibromo-3-Chloropropan	13.02	75	456	0.238	ug/l #	1

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QLast Update : Tue Jan 08 14:06:59 2019
Response via : Initial Calibration

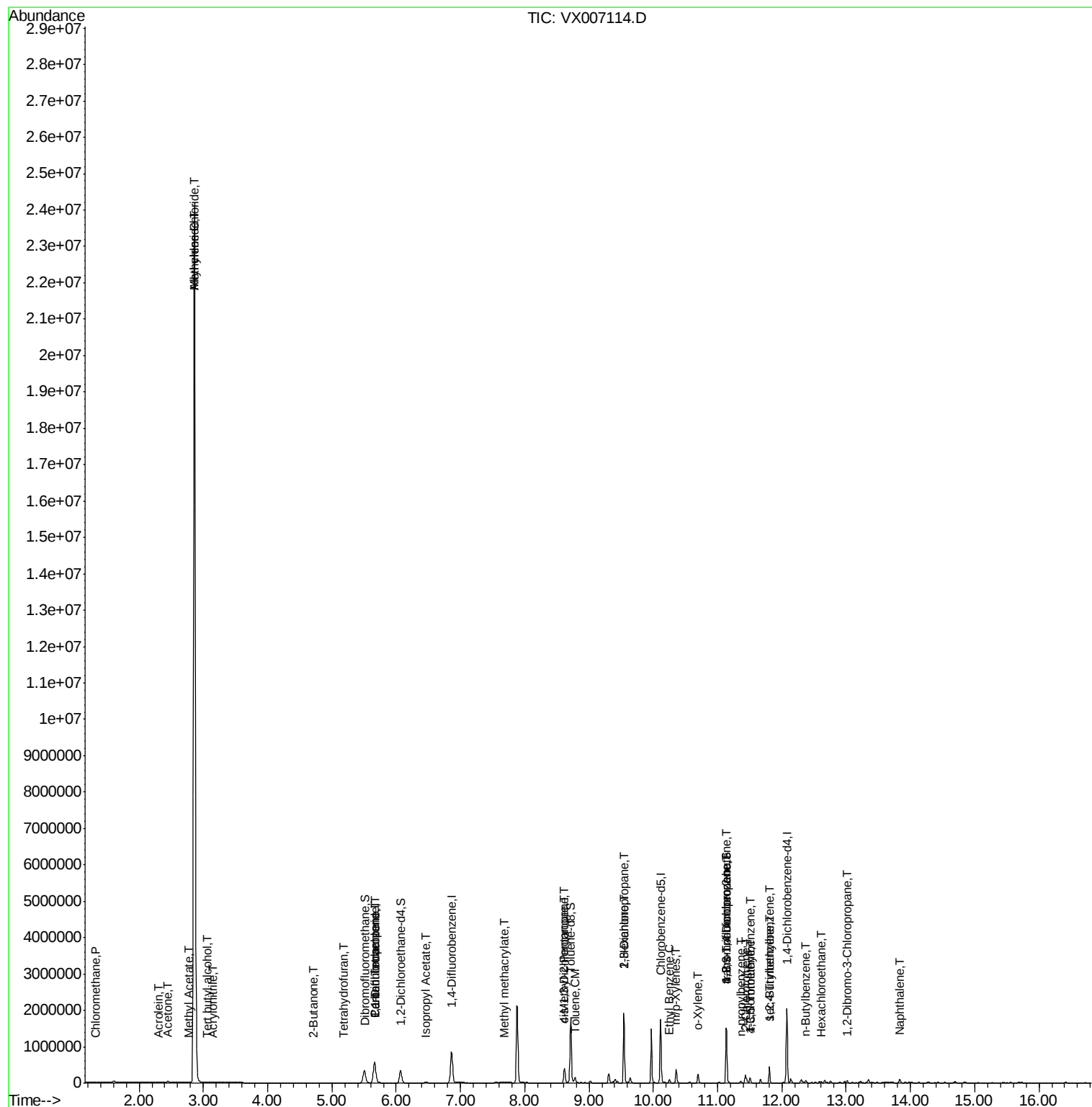
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	13.83	128	62208	1.994	ug/l	98

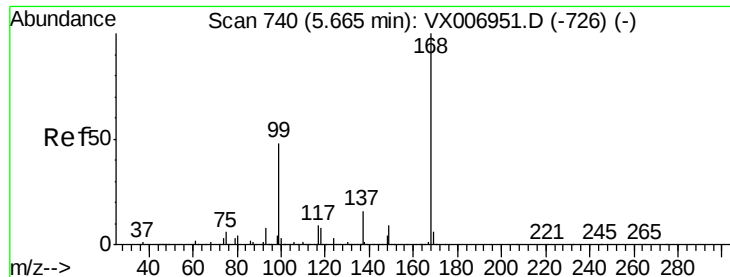
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX011719\
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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: VX007114.D

Acq: 18 Jan 2019 03:22

Instrument :

MSVOA_X

ClientSampleId :

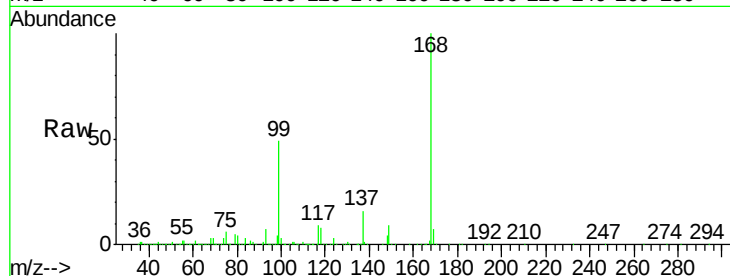
D-10

Tot Ion:168 Resp: 585859

Ion Ratio Lower Upper

168 100

99 49.3 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

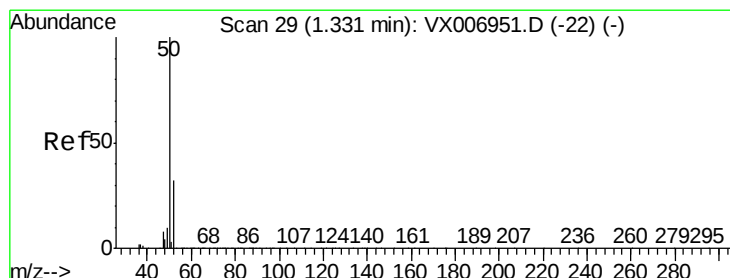
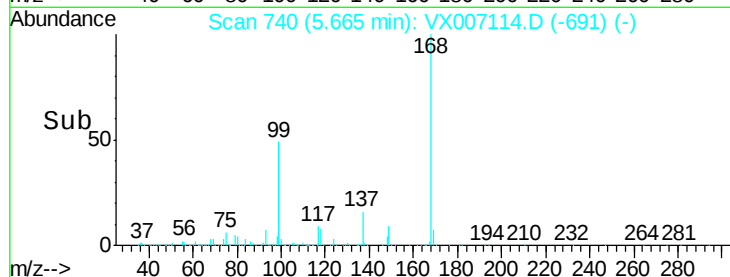
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.374 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007114.D

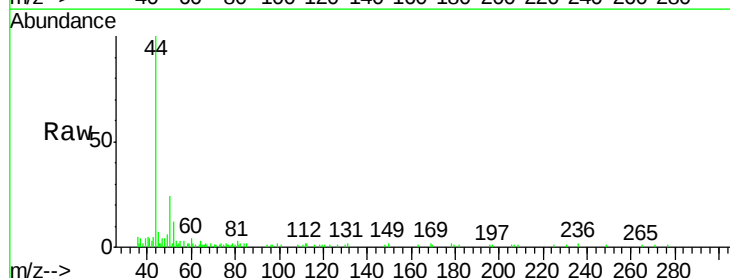
Acq: 18 Jan 2019 03:22

Tgt Ion: 50 Resp: 2094

Ion Ratio Lower Upper

50 100

52 44.3 25.4 38.2#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.33

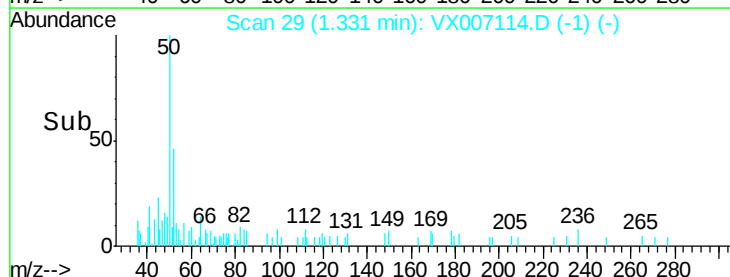
1500

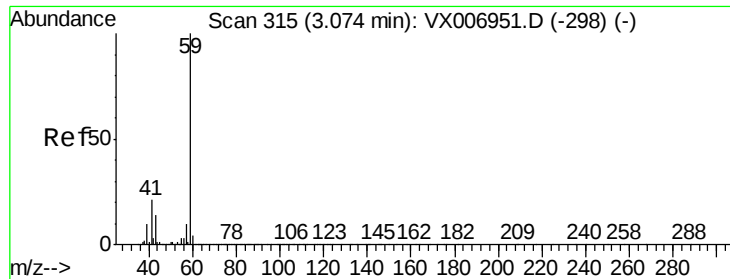
1000

500

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Time-->



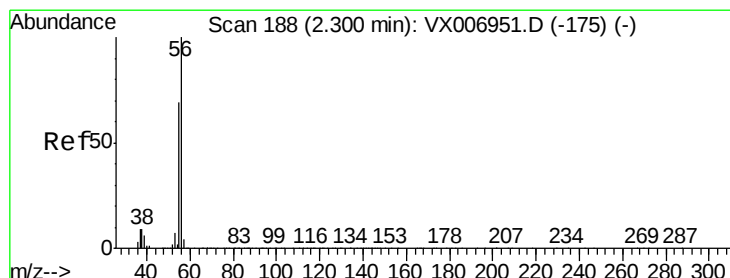
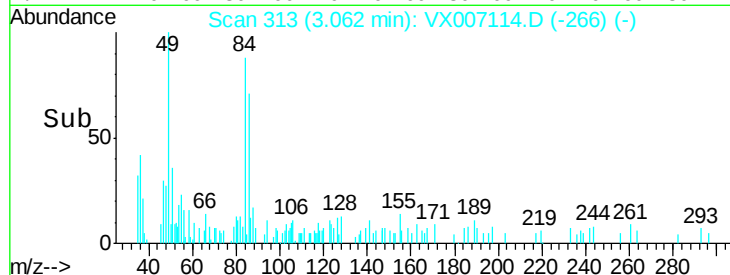
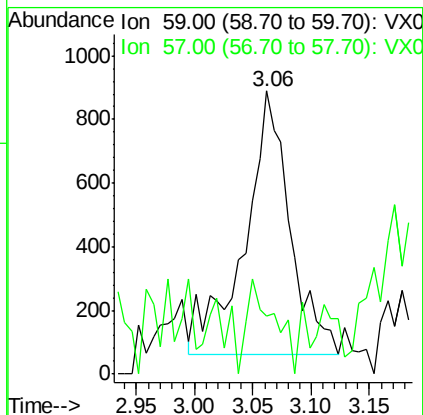
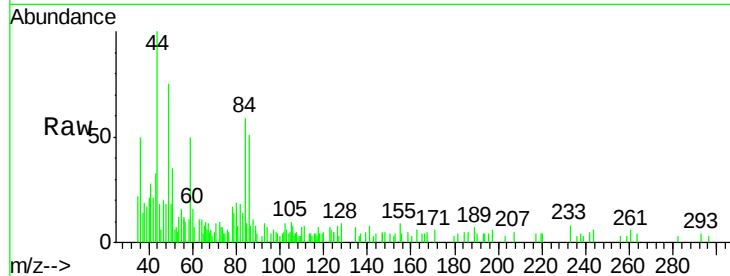


#11

Tert butyl alcohol
Concen: 1.561 ug/l
RT: 3.06 min Scan# 313
Delta R.T. -0.01 min
Lab File: VX007114.D
Acq: 18 Jan 2019 03:22

Instrument :
MSVOA_X
ClientSampled :
D-10

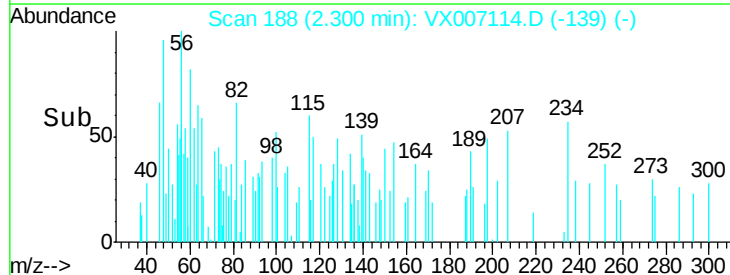
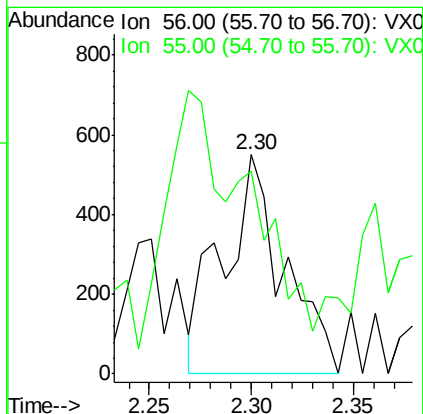
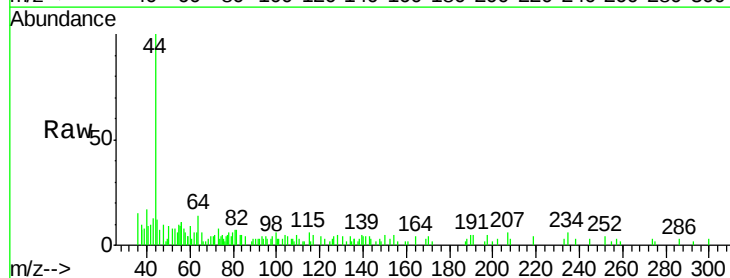
Tot Ion: 59 Resp: 2254
Ion Ratio Lower Upper
59 100
57 21.7 8.5 12.7#

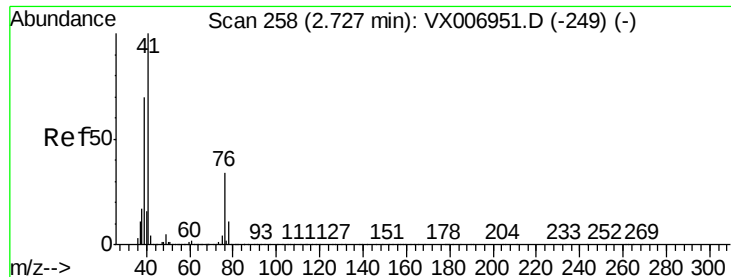


#13

Acrolein
Concen: 4.887 ug/l
RT: 2.30 min Scan# 188
Delta R.T. -0.00 min
Lab File: VX007114.D
Acq: 18 Jan 2019 03:22

Tgt Ion: 56 Resp: 1137
Ion Ratio Lower Upper
56 100
55 0.0 58.2 87.4#





#14

Allvl chloride

Concen: 42.162 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.13 min

Lab File: VX007114.D

Acq: 18 Jan 2019 03:22

Instrument :

MSVOA_X

ClientSampled :

D-10

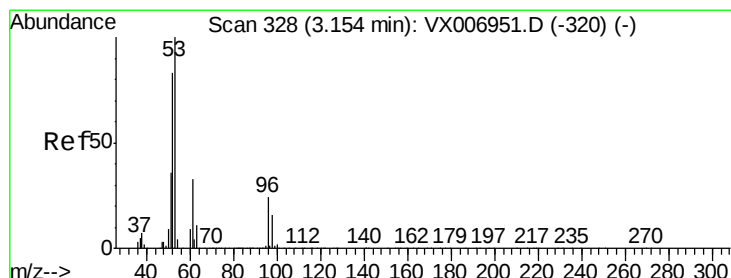
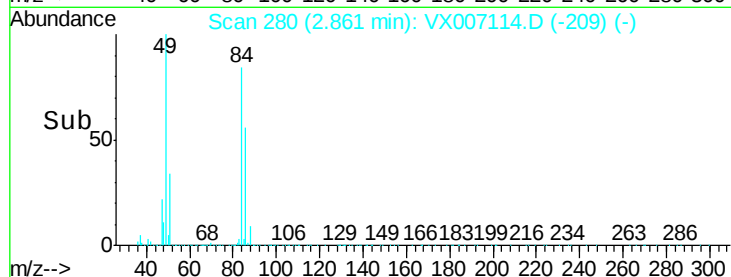
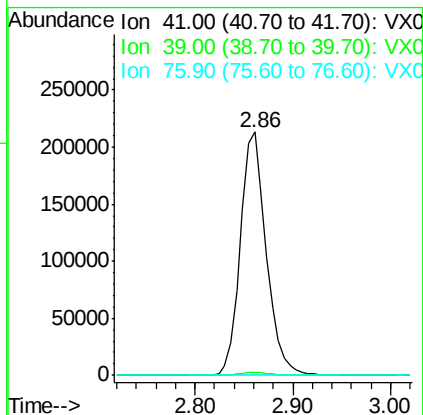
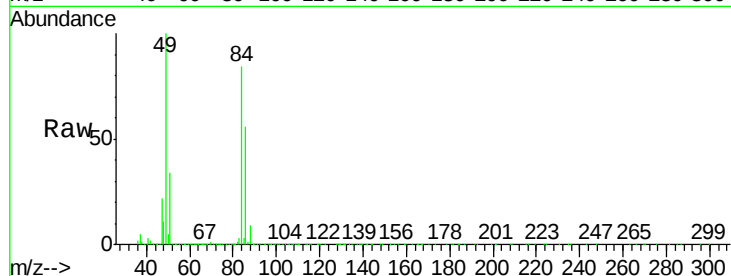
Tot Ion: 41 Resp: 389074

Ion Ratio Lower Upper

41 100

39 1.3 53.6 80.4#

76 0.1 27.4 41.2#



#15

Acrylonitrile

Concen: 0.263 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX007114.D

Acq: 18 Jan 2019 03:22

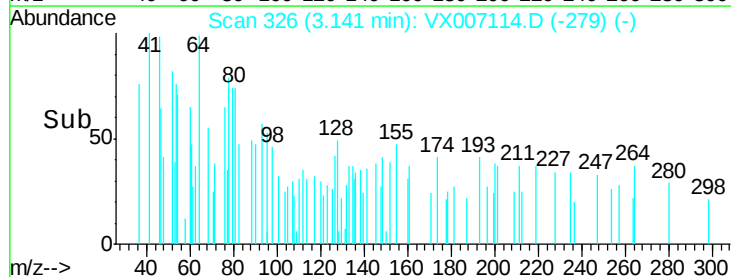
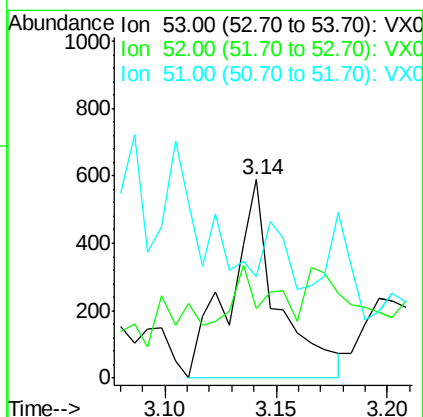
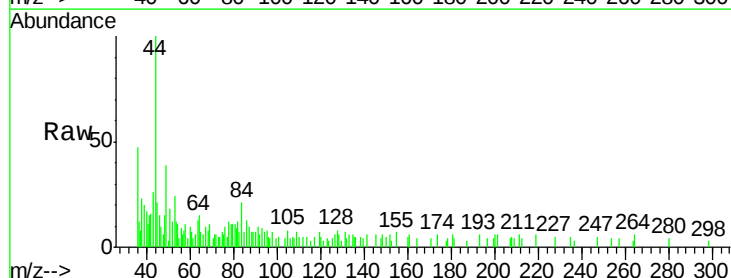
Tgt Ion: 53 Resp: 871

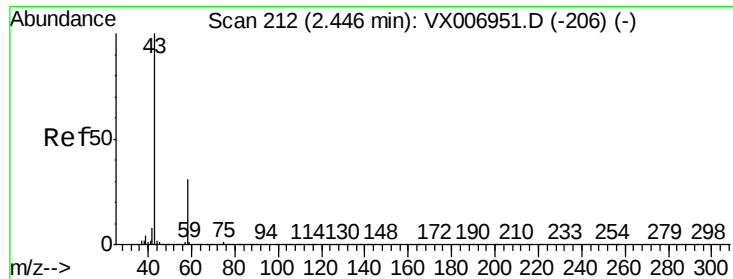
Ion Ratio Lower Upper

53 100

52 0.0 66.0 99.0#

51 0.0 28.6 42.8#

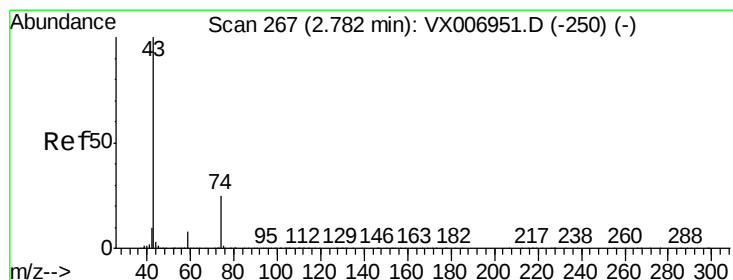
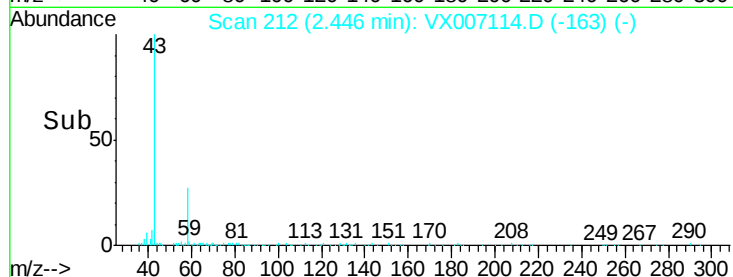
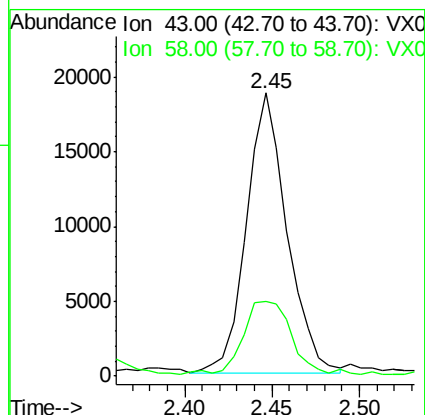
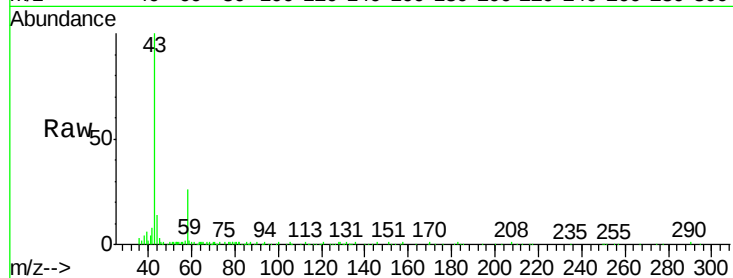




#16
Acetone
Concen: 9.885 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX007114.D
Acq: 18 Jan 2019 03:22

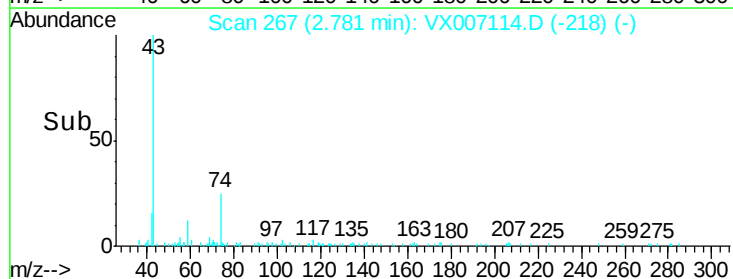
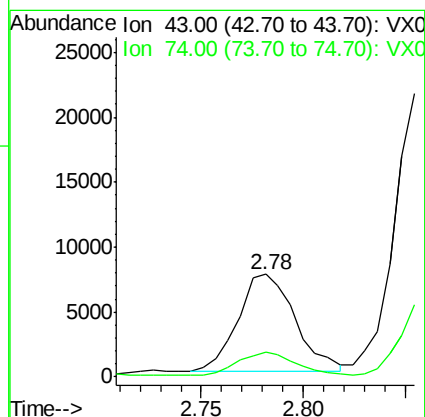
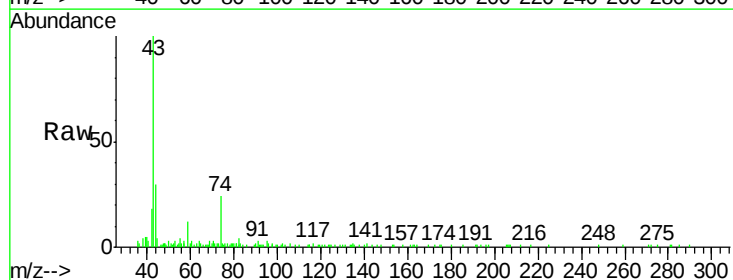
Instrument :
MSVOA_X
ClientSampleId :
D-10

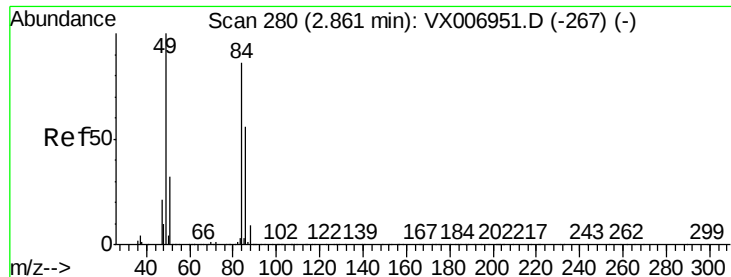
Tot Ion: 43 Resp: 29920
Ion Ratio Lower Upper
43 100
58 25.0 25.0 37.6



#18
Methyl Acetate
Concen: 1.678 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX007114.D
Acq: 18 Jan 2019 03:22

Tgt Ion: 43 Resp: 14705
Ion Ratio Lower Upper
43 100
74 25.3 18.6 28.0





#20

Methylene Chloride

Concen: 1922.385 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.00 min

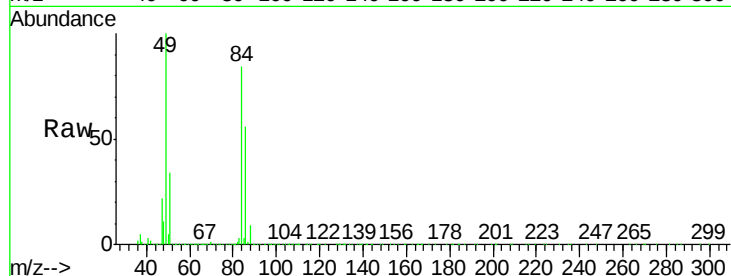
Lab File: VX007114.D

Acq: 18 Jan 2019 03:22

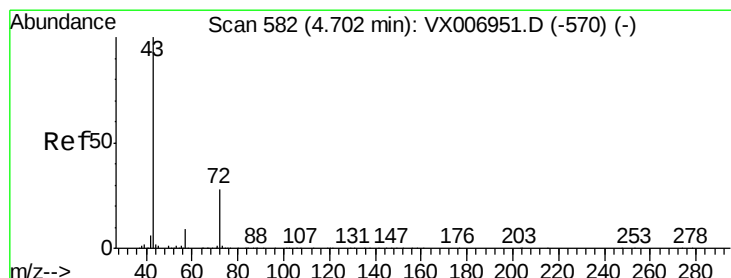
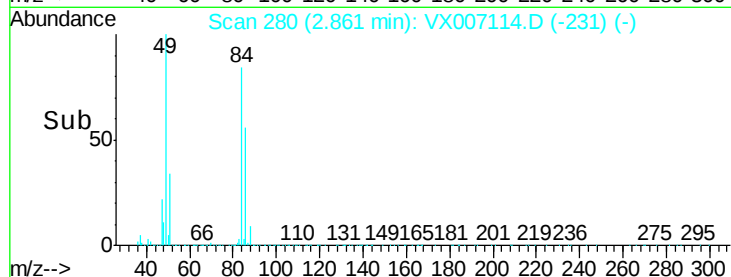
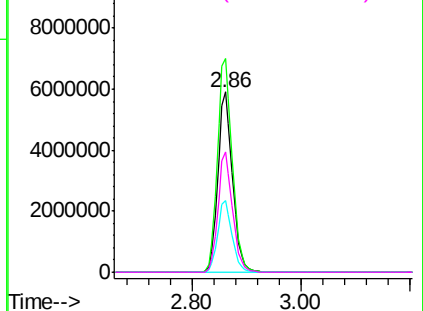
Instrument :
MSVOA_X
ClientSampled :
D-10

Tot Ion: 84 Resp:10945449

Ion	Ratio	Lower	Upper
84	100		
49	118.4	91.8	137.6
51	40.0	28.5	42.7
86	66.8	50.2	75.2



Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0



#25

2-Butanone

Concen: 1.745 ug/l

RT: 4.70 min Scan# 582

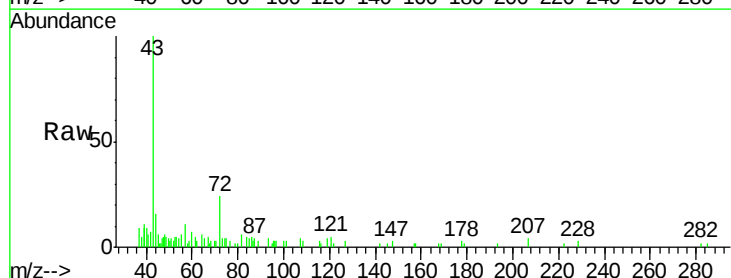
Delta R.T. -0.00 min

Lab File: VX007114.D

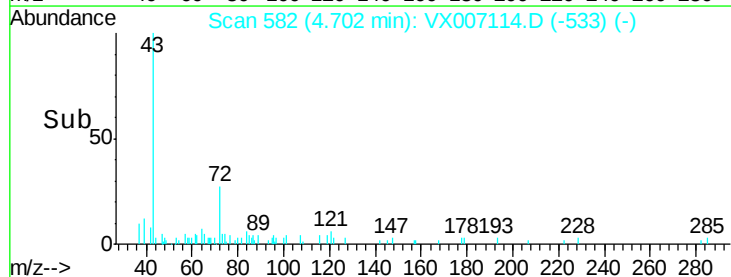
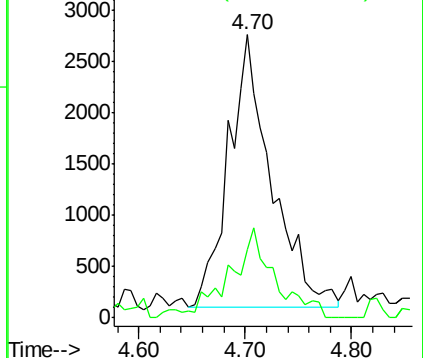
Acq: 18 Jan 2019 03:22

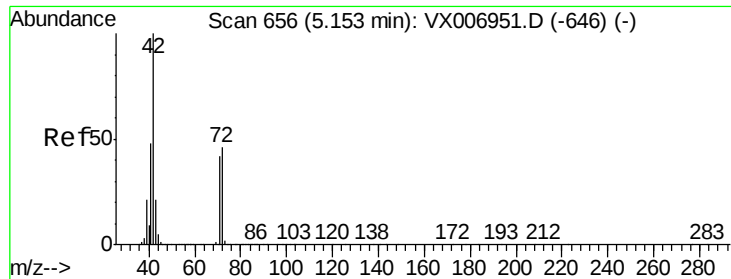
Tgt Ion: 43 Resp: 7559

Ion	Ratio	Lower	Upper
43	100		
72	24.8	22.4	33.6



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 72.00 (71.70 to 72.70): VX0

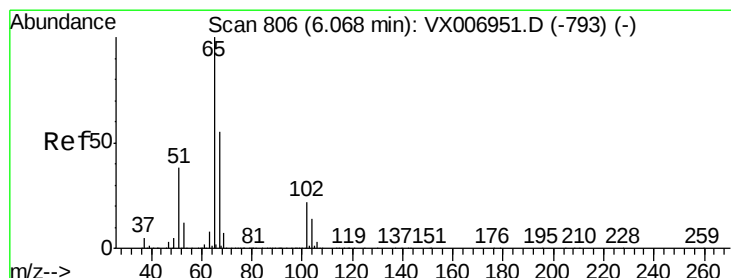
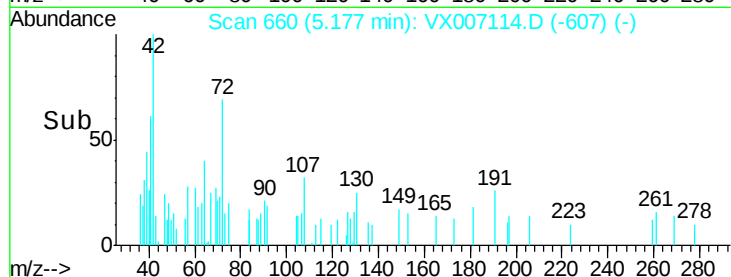
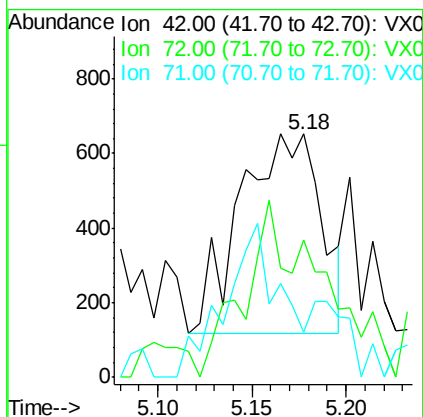
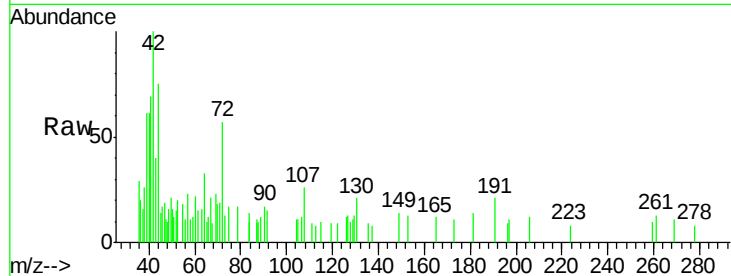




#29
Tetrahydrofuran
Concen: 0.564 ug/l
RT: 5.18 min Scan# 660
Delta R.T. 0.02 min
Lab File: VX007114.D
Acq: 18 Jan 2019 03:22

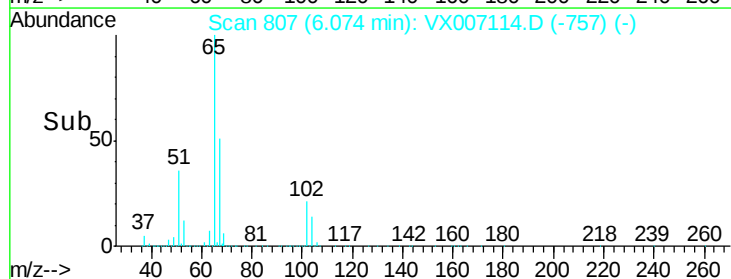
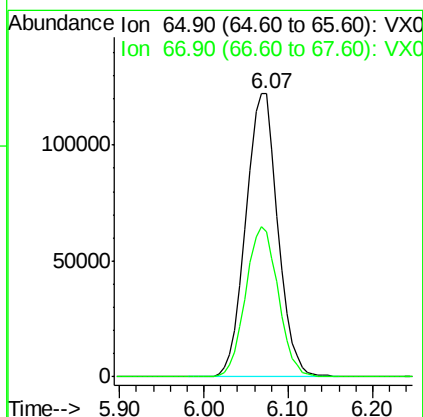
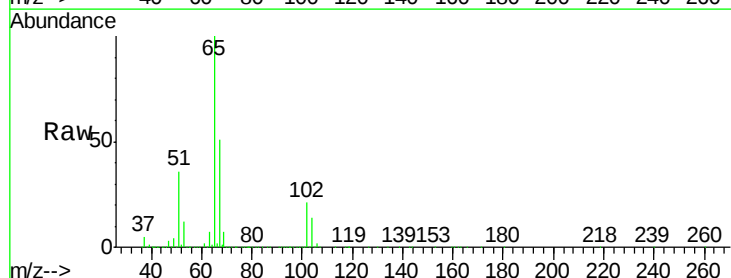
Instrument :
MSVOA_X
ClientSampled :
D-10

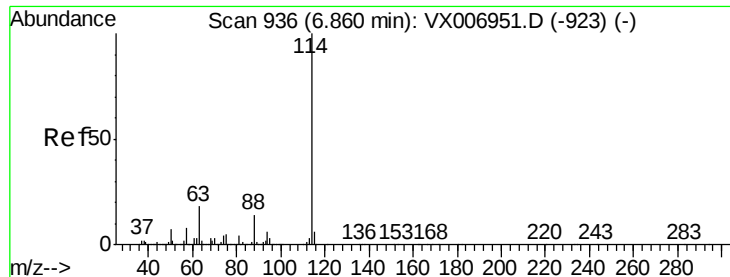
Tot Ion: 42 Resp: 1587
Ion Ratio Lower Upper
42 100
72 0.0 38.9 58.3#
71 18.9 36.2 54.4#



#33
1,2-Dichloroethane-d4
Concen: 51.380 ug/l
RT: 6.07 min Scan# 807
Delta R.T. 0.01 min
Lab File: VX007114.D
Acq: 18 Jan 2019 03:22

Tgt Ion: 65 Resp: 314586
Ion Ratio Lower Upper
65 100
67 53.8 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: VX007114.D

Acq: 18 Jan 2019 03:22

Instrument :

MSVOA_X

ClientSampled :

D-10

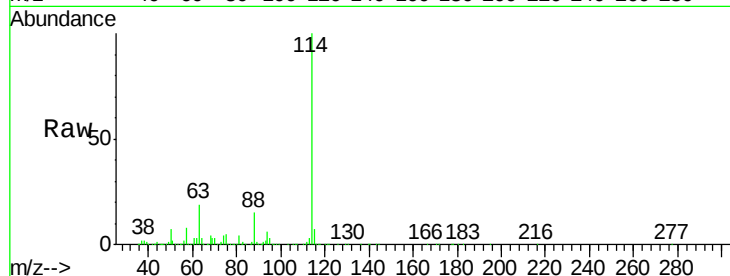
Tot Ion:114 Resp: 908998

Ion Ratio Lower Upper

114 100

63 19.0 0.0 34.8

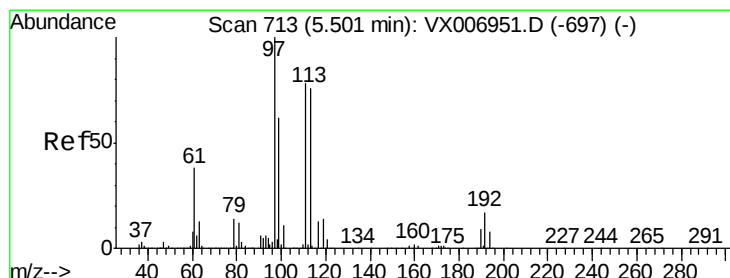
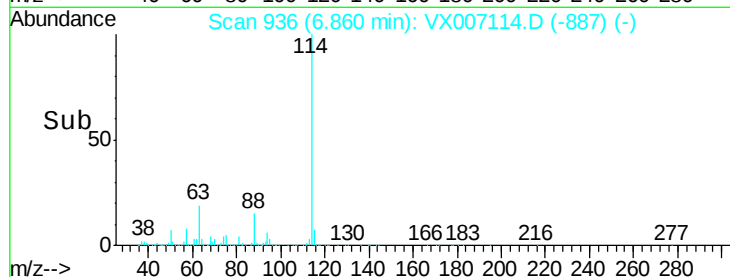
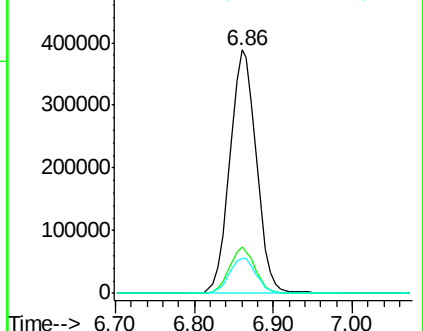
88 14.6 0.0 28.8



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: 48.114 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007114.D

Acq: 18 Jan 2019 03:22

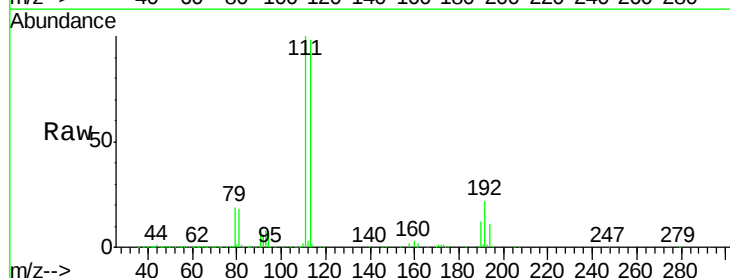
Tgt Ion:113 Resp: 280082

Ion Ratio Lower Upper

113 100

111 102.3 81.6 122.4

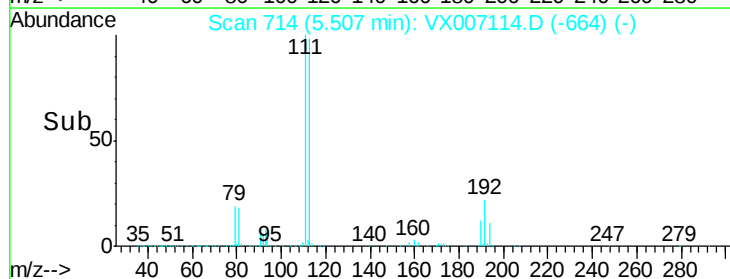
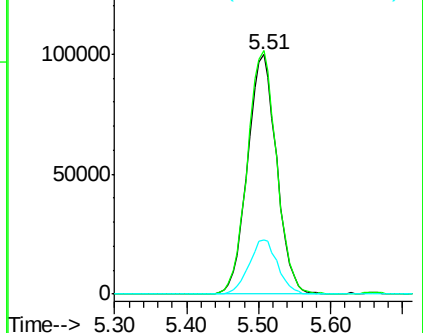
192 22.4 16.7 25.1

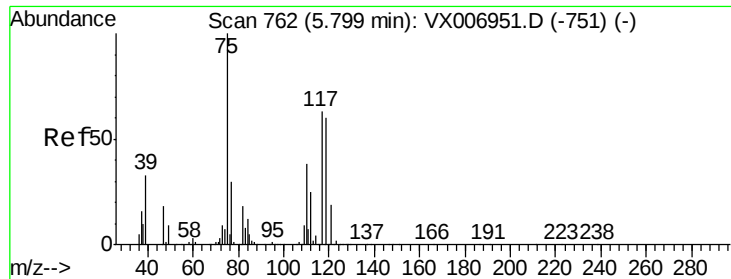


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.679 ug/l

RT: 5.67 min Scan# 741

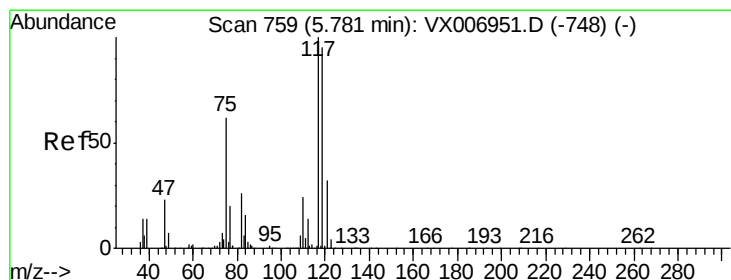
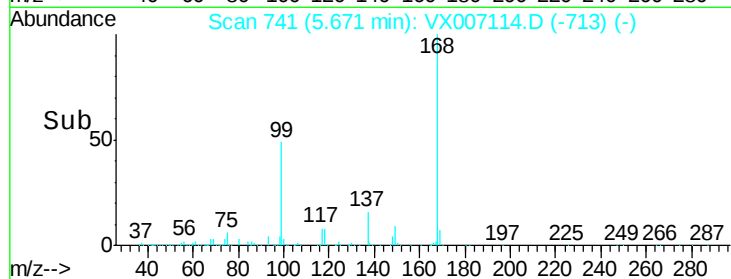
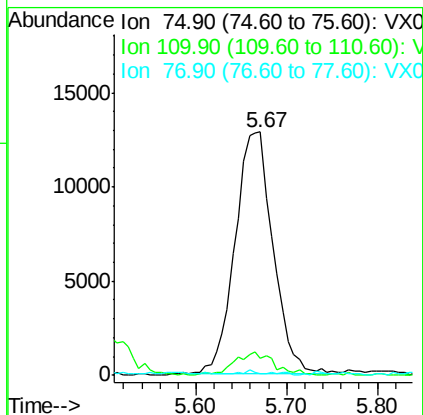
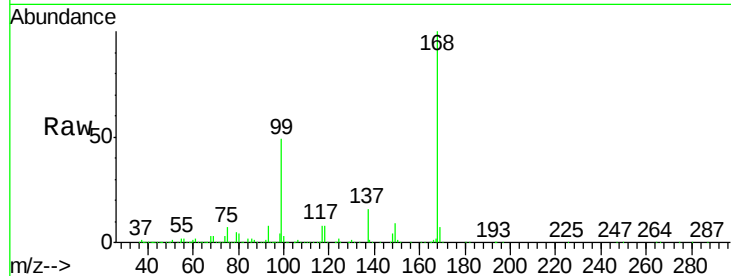
Delta R.T. -0.13 min

Lab File: VX007114.D

Acq: 18 Jan 2019 03:22

Instrument :
MSVOA_X
ClientSampleId :
D-10

Tot Ion:	75	Resp:	36977
Ion	Ratio	Lower	Upper
75	100		
110	9.7	20.2	60.5#
77	0.5	24.8	37.2#



#38

Carbon Tetrachloride

Concen: 6.511 ug/l

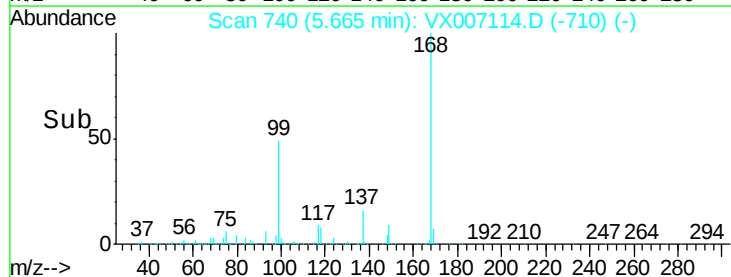
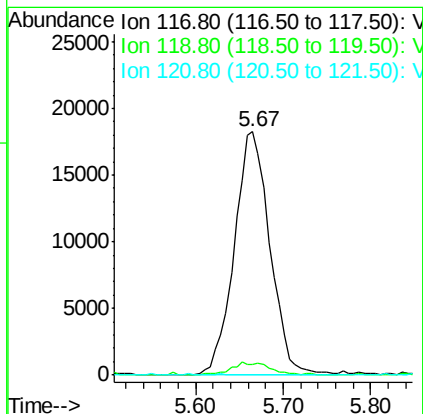
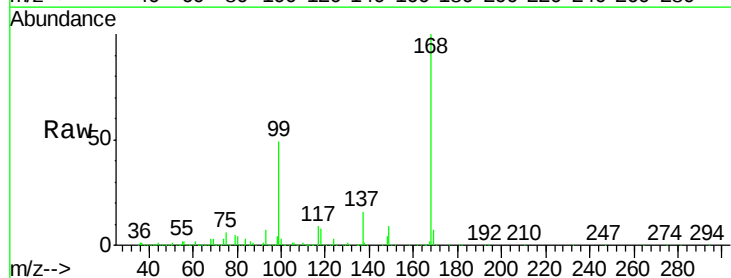
RT: 5.67 min Scan# 740

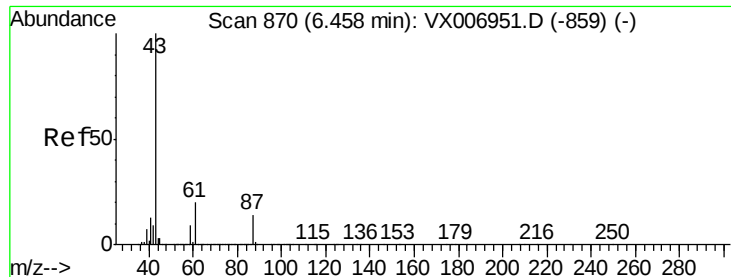
Delta R.T. -0.12 min

Lab File: VX007114.D

Acq: 18 Jan 2019 03:22

Tgt Ion:	117	Resp:	51771
Ion	Ratio	Lower	Upper
117	100		
119	4.3	79.4	119.2#
121	0.0	24.0	36.0#





#43

Isopropyl Acetate

Concen: 1.989 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX007114.D

Acq: 18 Jan 2019 03:22

Instrument :

MSVOA_X

ClientSampleId :

D-10

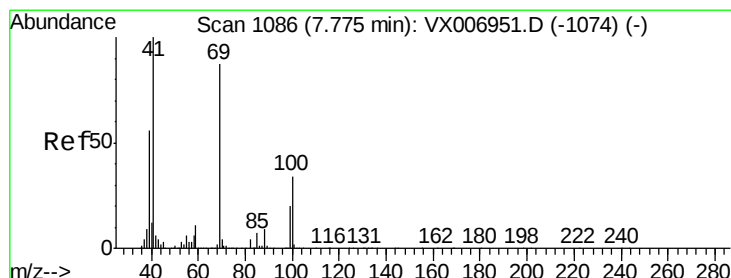
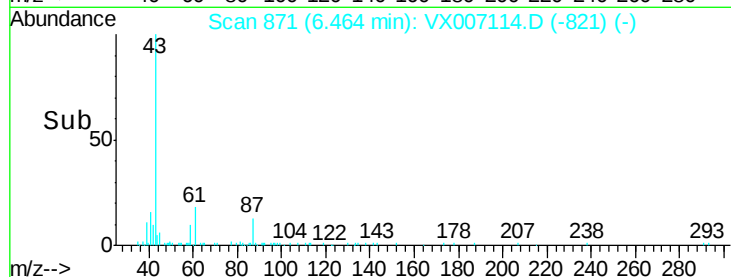
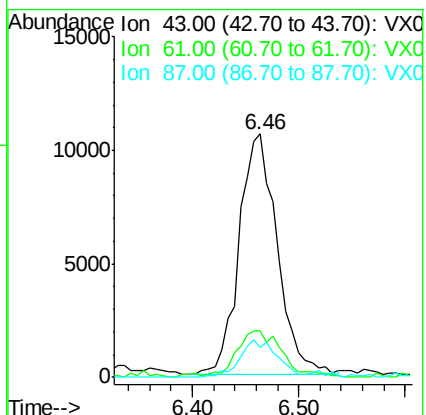
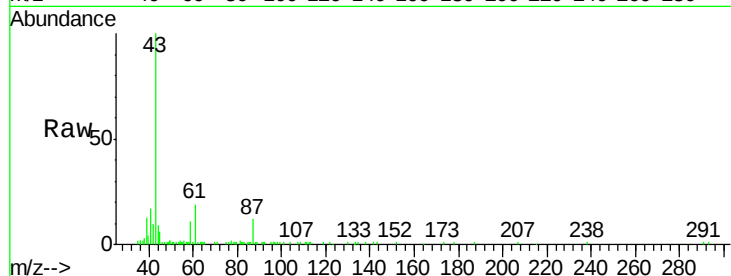
Tot Ion: 43 Resp: 26583

Ion Ratio Lower Upper

43 100

61 23.3 16.8 25.2

87 15.4 12.4 18.6



#48

Methyl methacrylate

Concen: 1.917 ug/l

RT: 7.68 min Scan# 1070

Delta R.T. -0.10 min

Lab File: VX007114.D

Acq: 18 Jan 2019 03:22

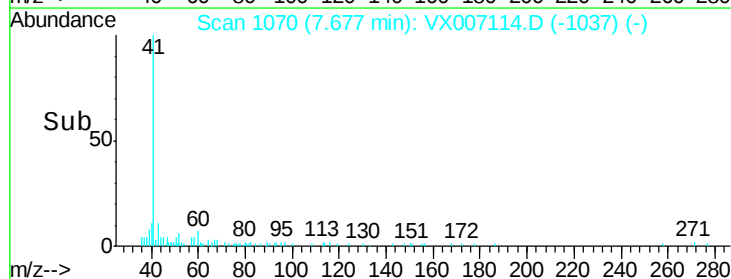
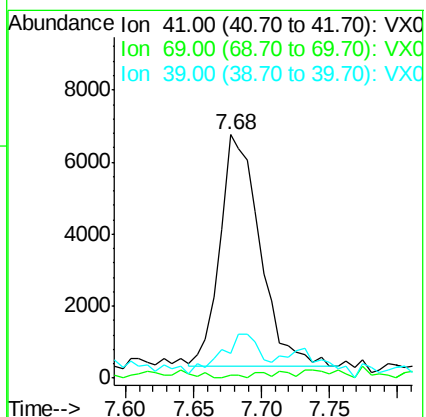
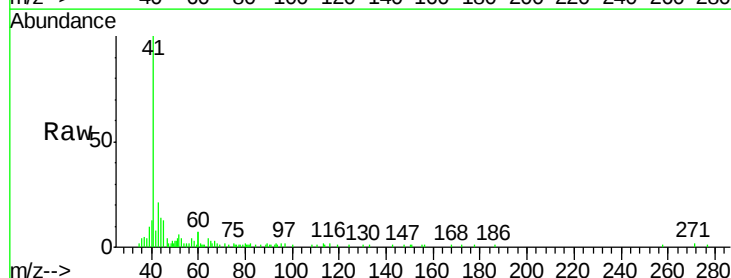
Tgt Ion: 41 Resp: 13157

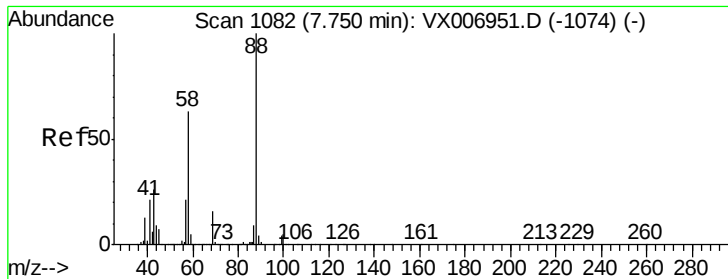
Ion Ratio Lower Upper

41 100

69 0.0 72.4 108.6#

39 0.0 45.8 68.8#





#49

1,4-Dioxane

Concen: Below Cal

RT: 7.74 min Scan# 1080

Delta R.T. -0.01 min

Lab File: VX007114.D

Acq: 18 Jan 2019 03:22

Instrument :

MSVOA_X

ClientSampleId :

D-10

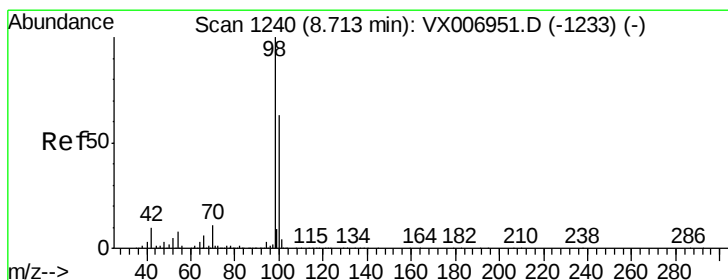
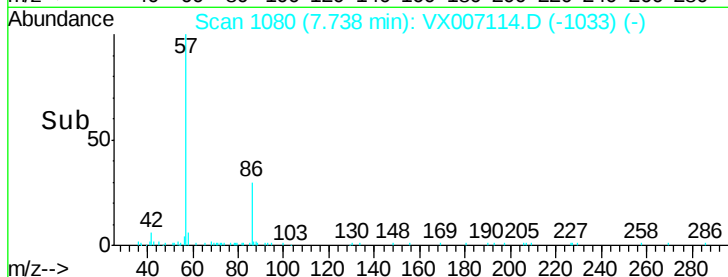
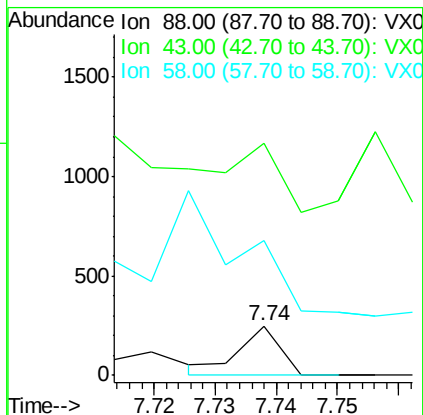
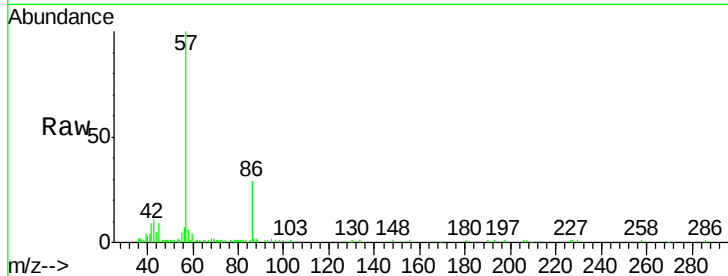
Tot Ion: 88 Resp: 112

Ion Ratio Lower Upper

88 100

43 0.0 22.2 33.4#

58 0.0 51.0 76.4#



#50

Toluene-d8

Concen: 51.964 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007114.D

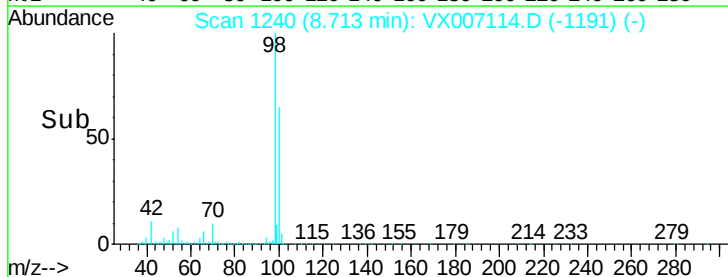
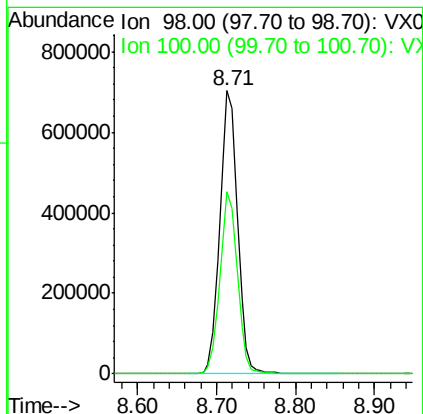
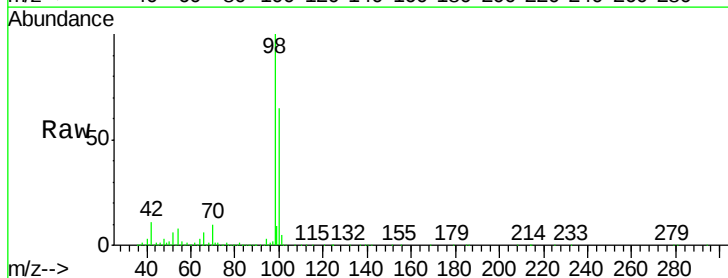
Acq: 18 Jan 2019 03:22

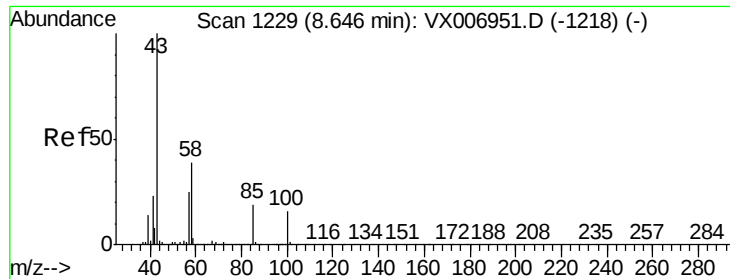
Tgt Ion: 98 Resp: 1107216

Ion Ratio Lower Upper

98 100

100 63.4 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 15.580 ug/l

RT: 8.62 min Scan# 1224

Delta R.T. -0.03 min

Lab File: VX007114.D

Acq: 18 Jan 2019 03:22

Instrument :

MSVOA_X

ClientSampleId :

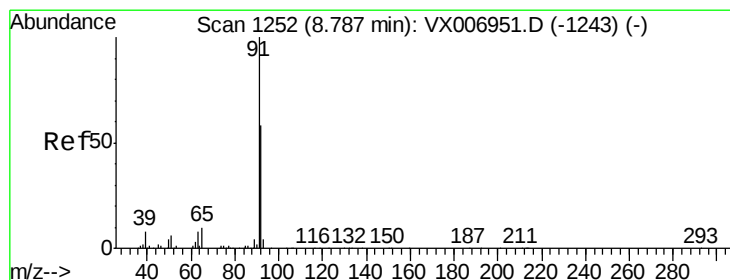
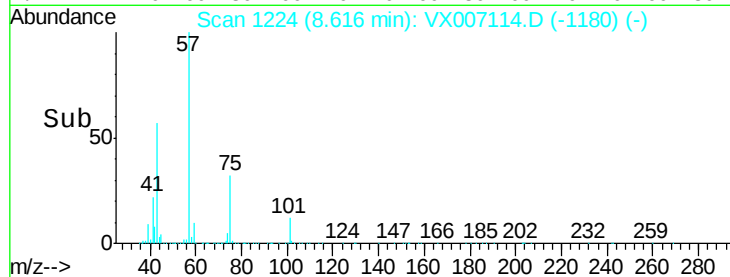
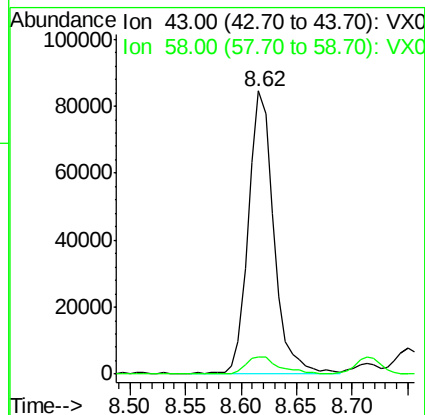
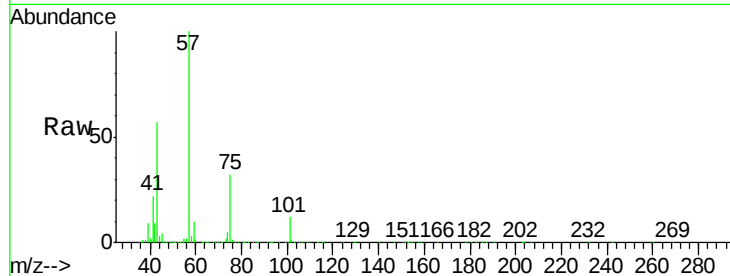
D-10

Tot Ion: 43 Resp: 133812

Ion Ratio Lower Upper

43 100

58 8.1 31.8 47.6#



#52

Toluene

Concen: 3.313 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX007114.D

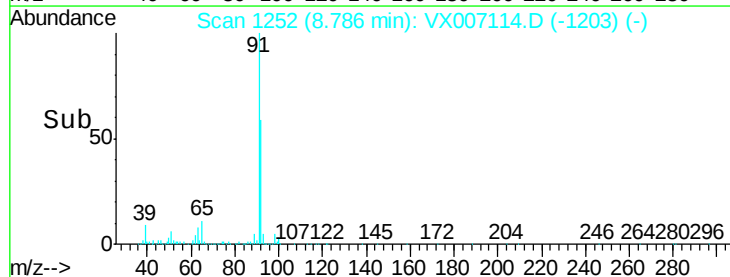
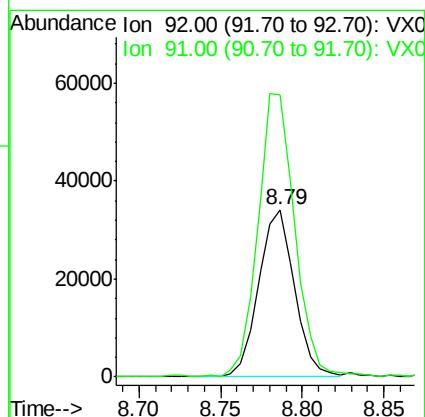
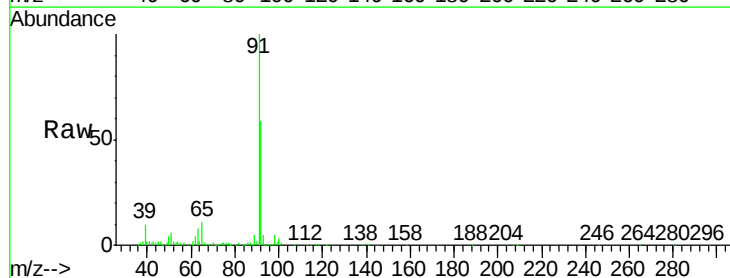
Acq: 18 Jan 2019 03:22

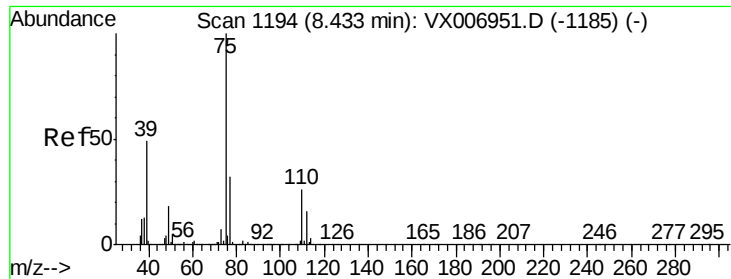
Tgt Ion: 92 Resp: 51341

Ion Ratio Lower Upper

92 100

91 176.9 137.6 206.4





#54

cis-1,3-Dichloropropene

Concen: 7.812 ug/l

RT: 8.62 min Scan# 1224

Delta R.T. 0.18 min

Lab File: VX007114.D

Acq: 18 Jan 2019 03:22

Instrument :

MSVOA_X

ClientSampleId :

D-10

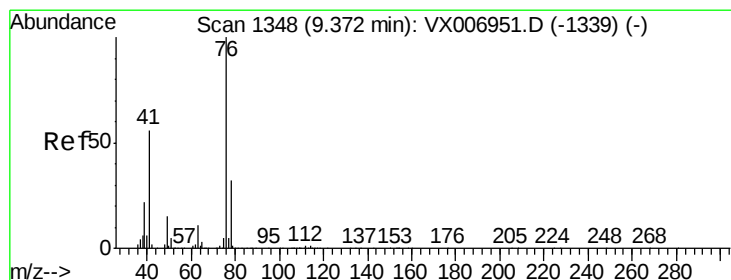
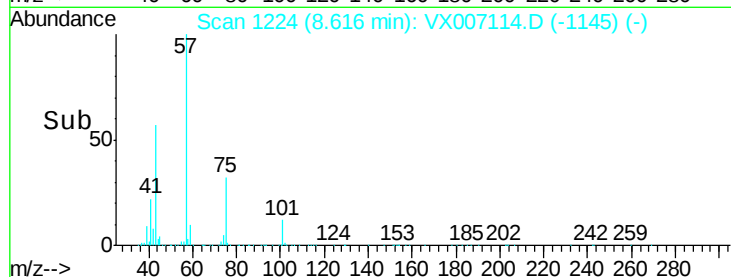
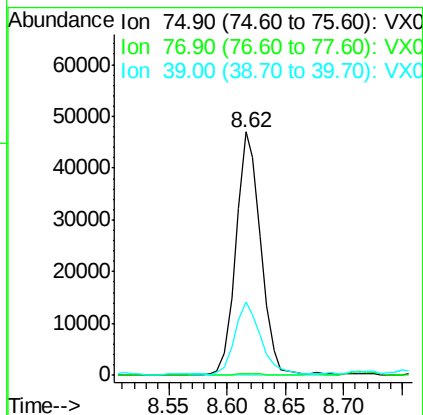
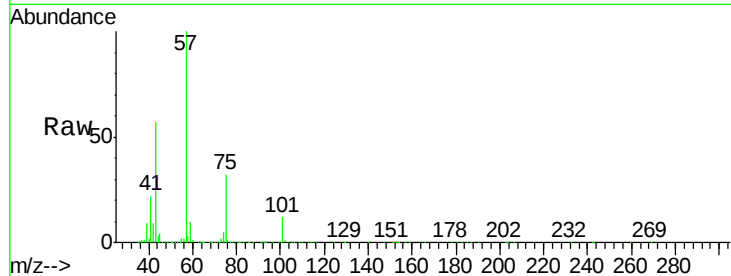
Tot Ion: 75 Resp: 69377

Ion Ratio Lower Upper

75 100

77 0.4 26.2 39.2#

39 29.4 36.7 55.1#



#57

1,3-Dichloropropane

Concen: 1.569 ug/l

RT: 9.54 min Scan# 1376

Delta R.T. 0.17 min

Lab File: VX007114.D

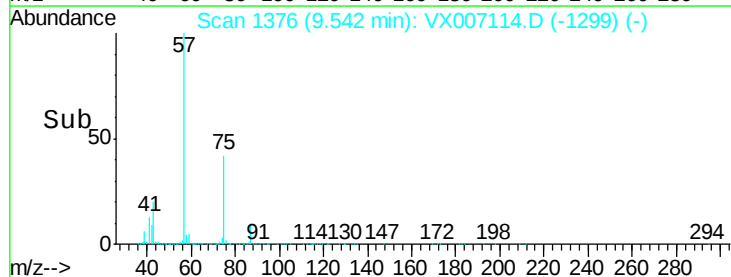
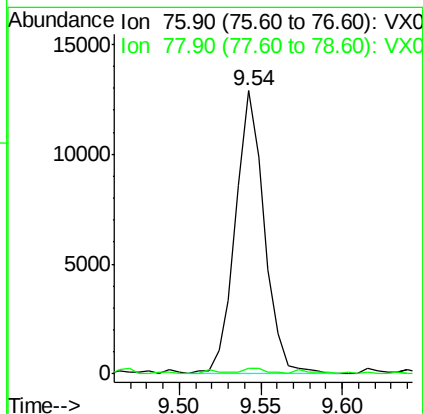
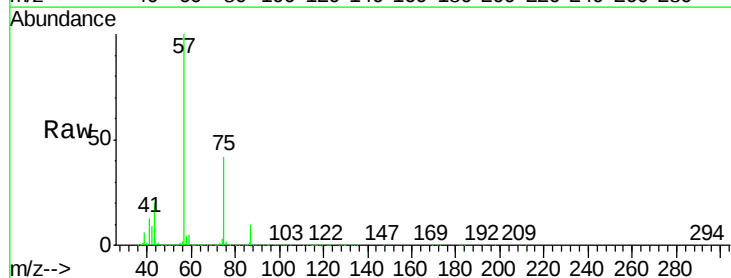
Acq: 18 Jan 2019 03:22

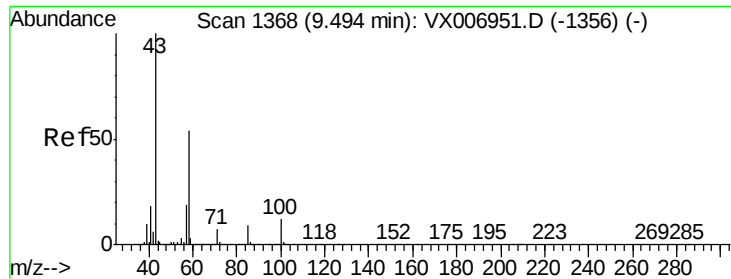
Tgt Ion: 76 Resp: 15946

Ion Ratio Lower Upper

76 100

78 1.8 26.0 39.0#

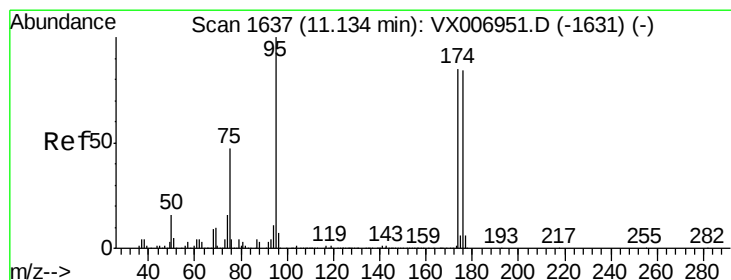
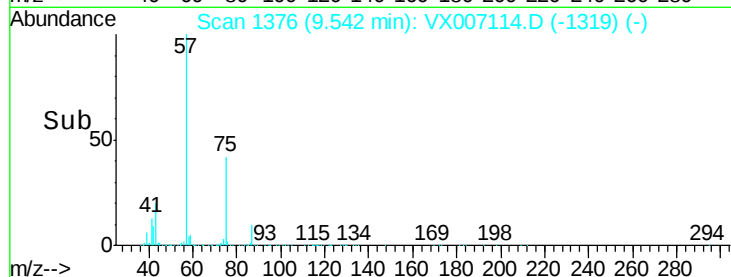
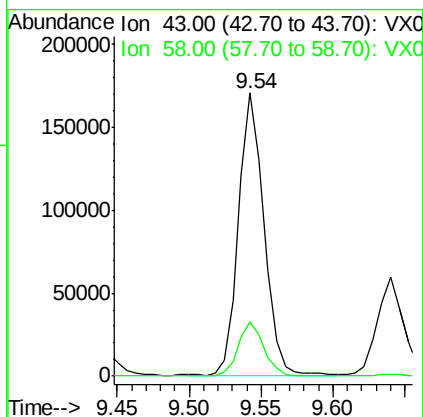
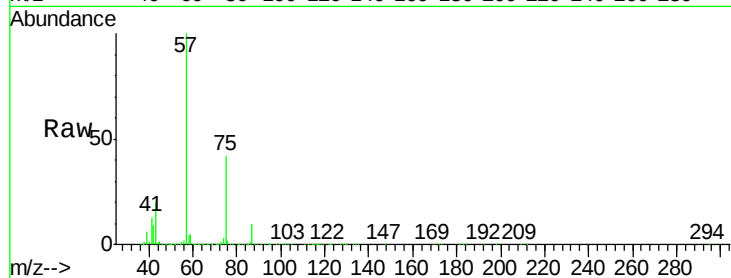




#59
2-Hexanone
Concen: 32.111 ug/l
RT: 9.54 min Scan# 1376
Delta R.T. 0.05 min
Lab File: VX007114.D
Acq: 18 Jan 2019 03:22

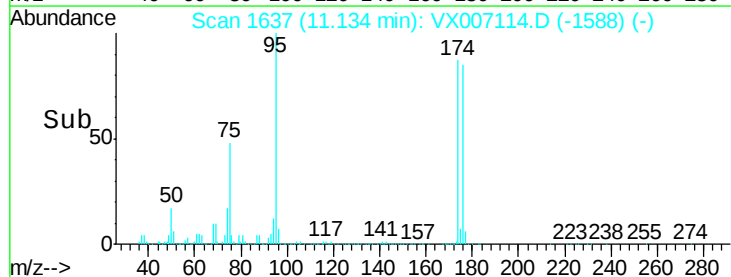
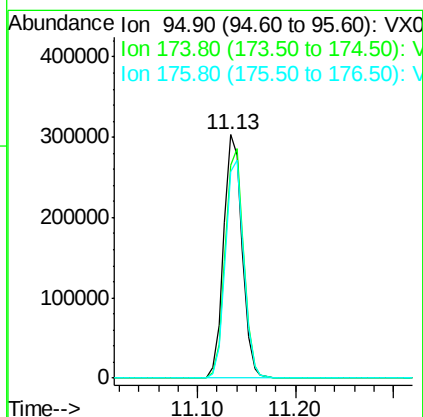
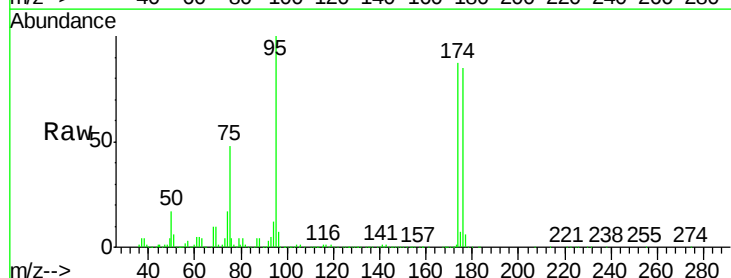
Instrument :
MSVOA_X
ClientSampleId :
D-10

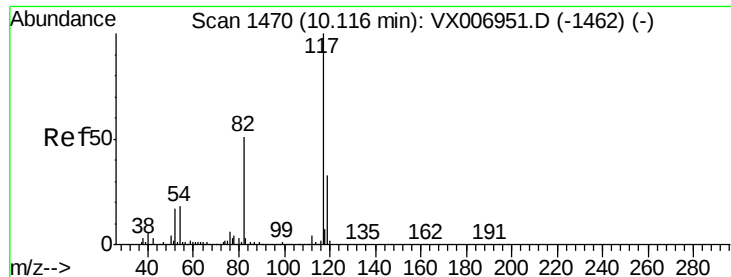
Tot Ion: 43 Resp: 210175
Ion Ratio Lower Upper
43 100
58 20.0 27.7 83.1#



#62
4-Bromofluorobenzene
Concen: 53.539 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX007114.D
Acq: 18 Jan 2019 03:22

Tgt Ion: 95 Resp: 397701
Ion Ratio Lower Upper
95 100
174 93.8 0.0 182.2
176 89.3 0.0 178.8

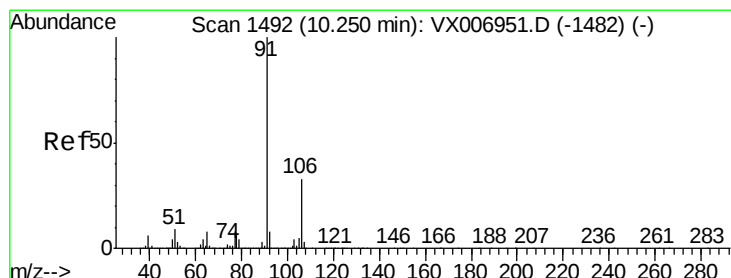
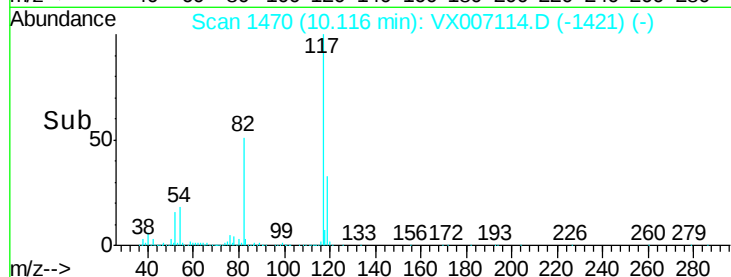
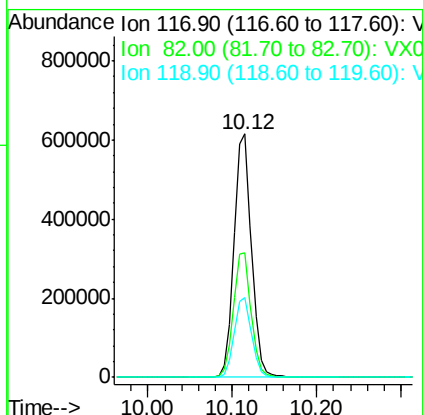
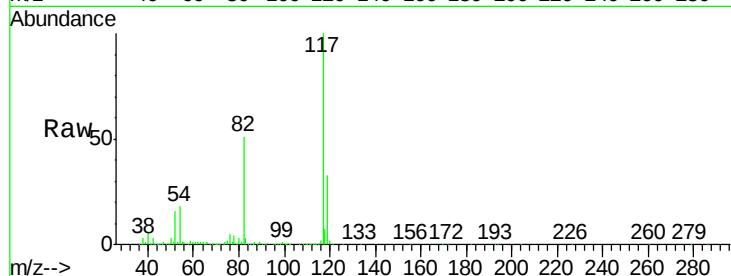




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX007114.D
Acq: 18 Jan 2019 03:22

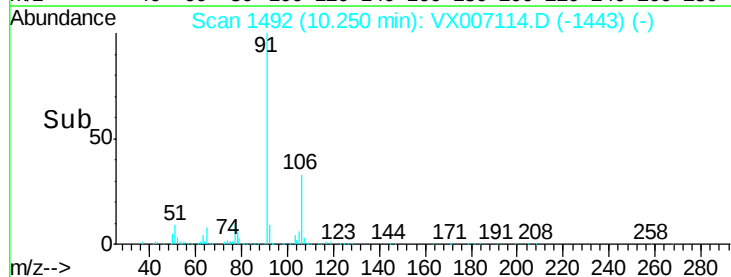
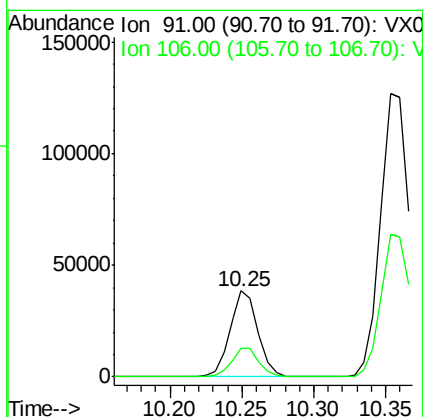
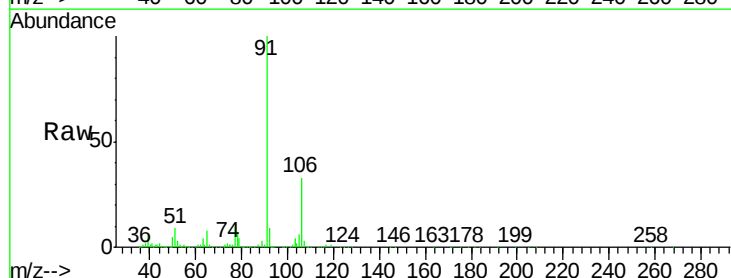
Instrument :
MSVOA_X
ClientSampleId :
D-10

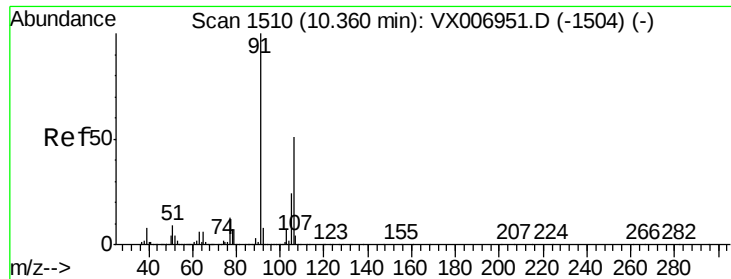
Tot Ion:117 Resp: 861745
Ion Ratio Lower Upper
117 100
82 51.3 41.0 61.6
119 32.6 25.4 38.0



#67
Ethyl Benzene
Concen: 1.689 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX007114.D
Acq: 18 Jan 2019 03:22

Tgt Ion: 91 Resp: 52412
Ion Ratio Lower Upper
91 100
106 32.7 26.4 39.6





#68

m/p-Xylenes

Concen: 7.313 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VX007114.D

Acq: 18 Jan 2019 03:22

Instrument :

MSVOA_X

ClientSampleId :

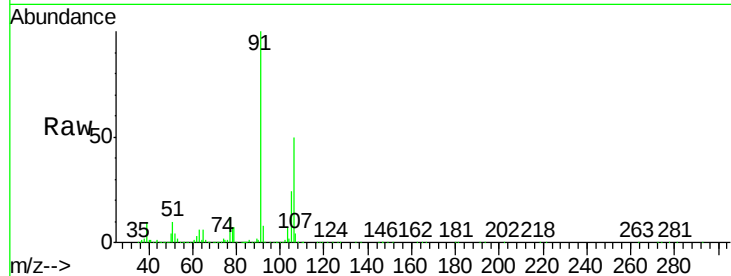
D-10

Tot Ion:106 Resp: 89404

Ion Ratio Lower Upper

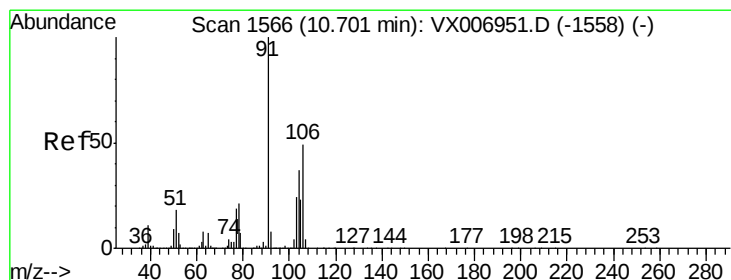
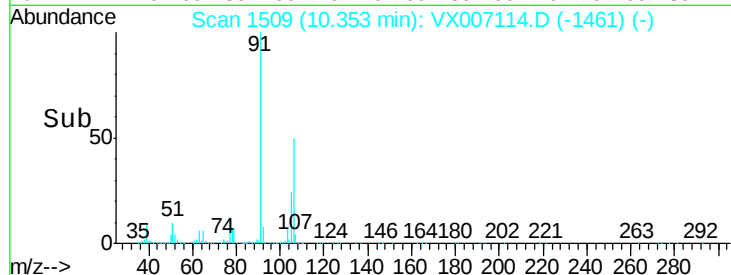
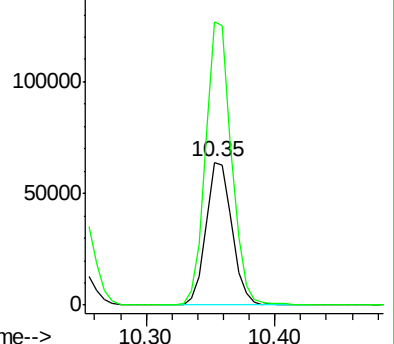
106 100

91 198.1 155.8 233.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 3.057 ug/l

RT: 10.69 min Scan# 1565

Delta R.T. -0.01 min

Lab File: VX007114.D

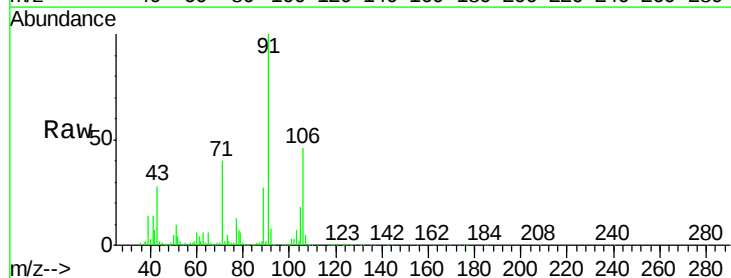
Acq: 18 Jan 2019 03:22

Tgt Ion:106 Resp: 36444

Ion Ratio Lower Upper

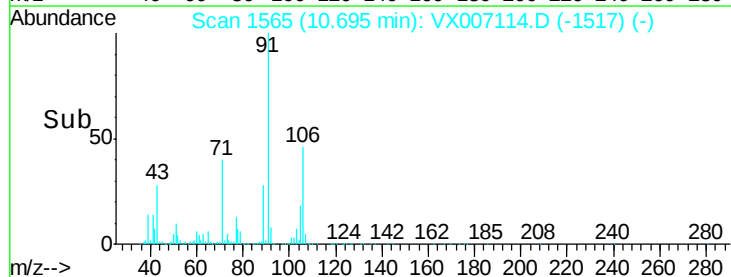
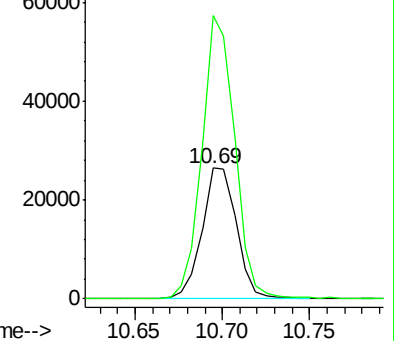
106 100

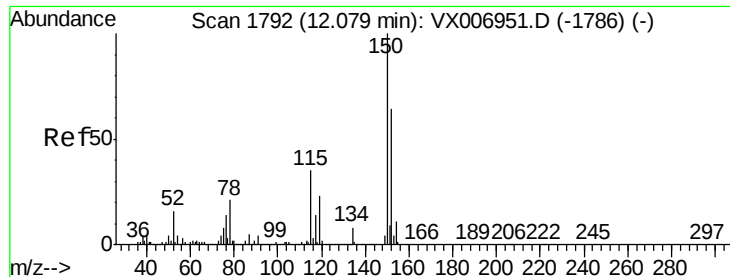
91 206.1 101.3 303.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX007114.D

Acq: 18 Jan 2019 03:22

Instrument :

MSVOA_X

ClientSampleId :

D-10

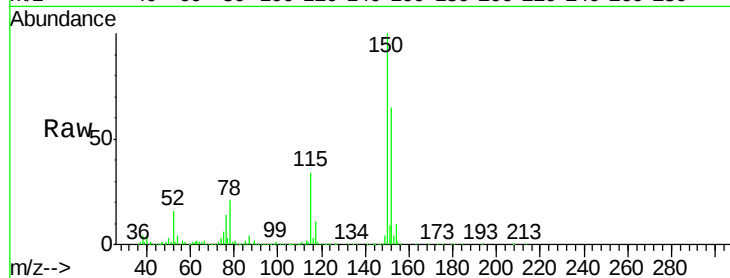
Tot Ion:152 Resp: 432924

Ion Ratio Lower Upper

152 100

115 53.5 39.1 117.2

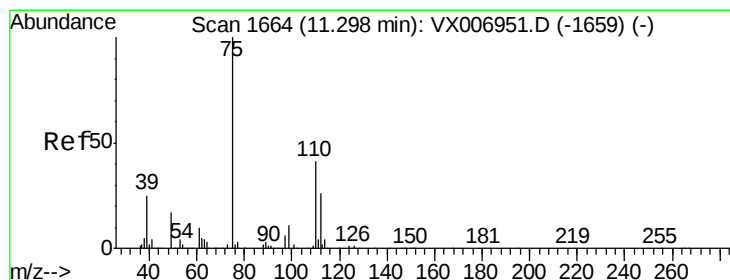
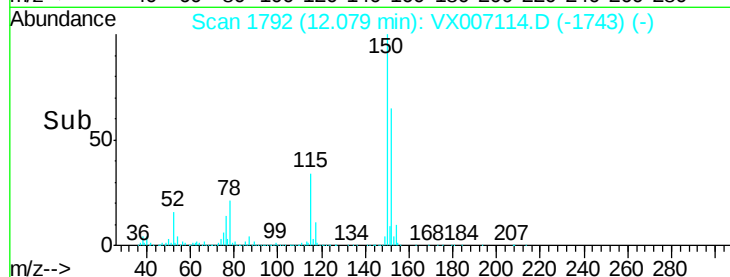
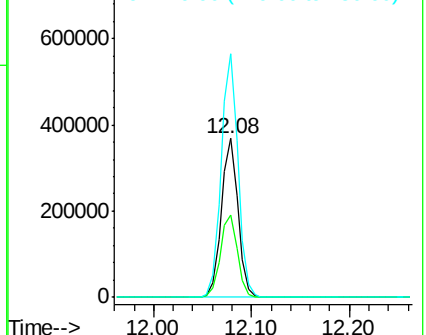
150 154.9 0.0 344.8



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: 21.738 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX007114.D

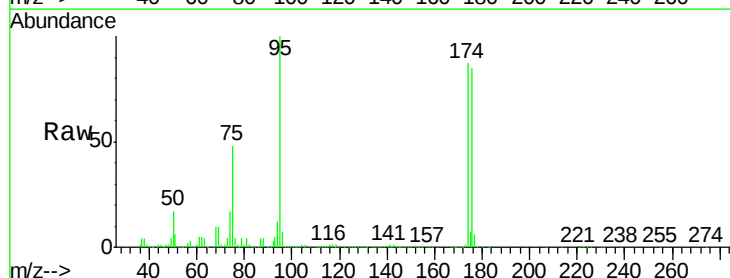
Acq: 18 Jan 2019 03:22

Tgt Ion: 75 Resp: 190707

Ion Ratio Lower Upper

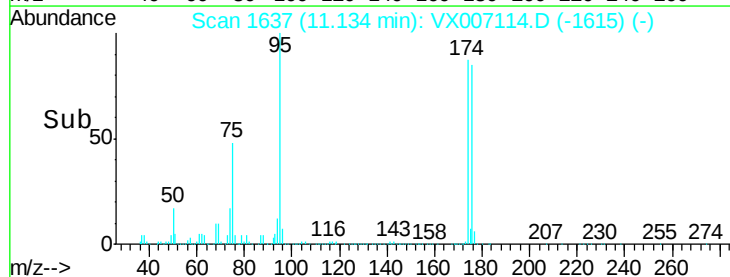
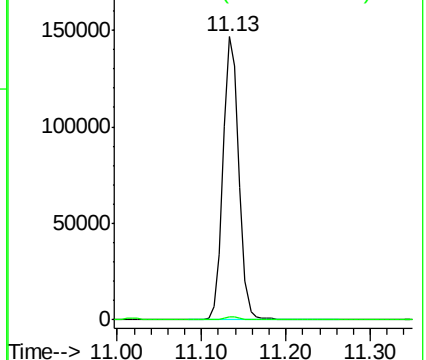
75 100

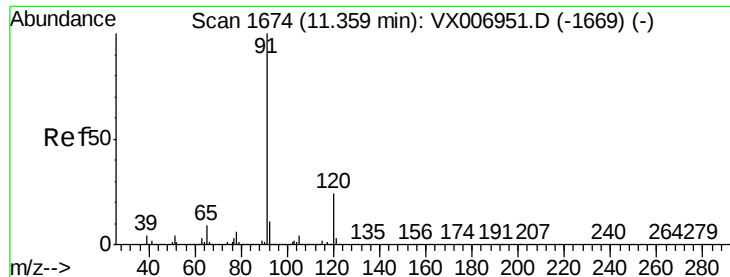
77 1.4 18.5 55.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 0.918 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007114.D

Acq: 18 Jan 2019 03:22

Instrument :

MSVOA_X

ClientSampleId :

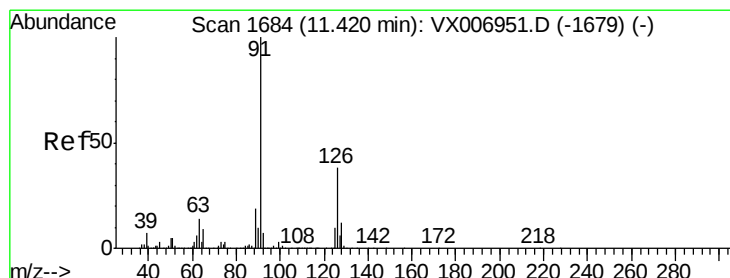
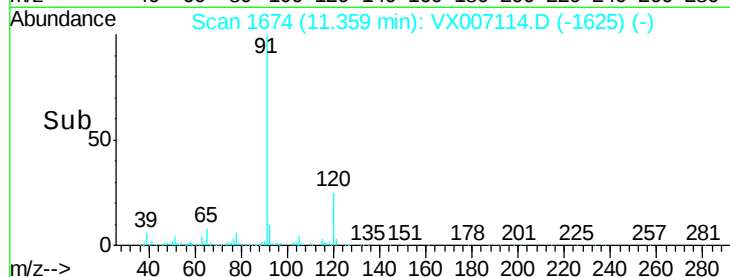
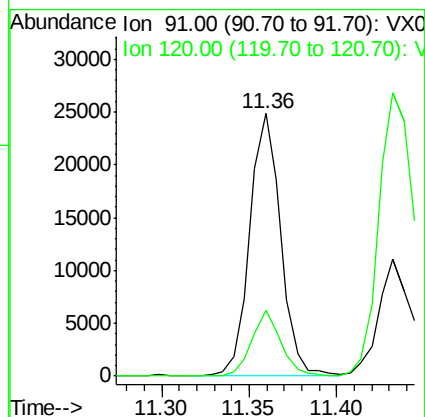
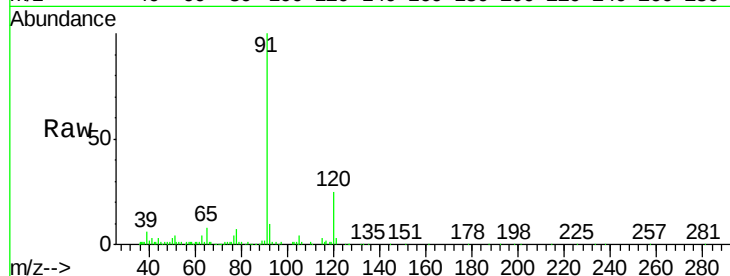
D-10

Tot Ion: 91 Resp: 30762

Ion Ratio Lower Upper

91 100

120 23.5 12.7 38.0



#79

2-Chlorotoluene

Concen: 0.877 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX007114.D

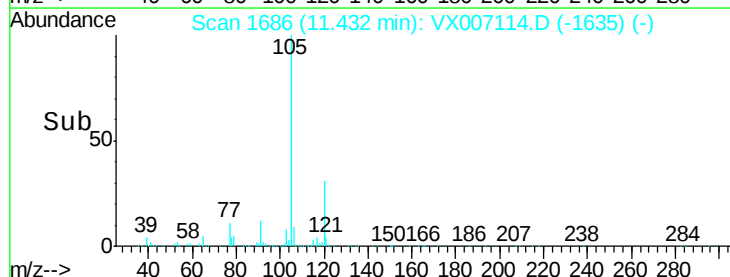
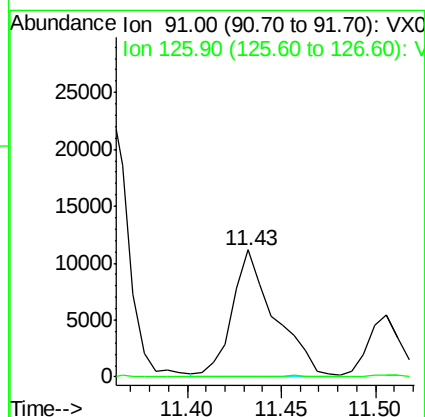
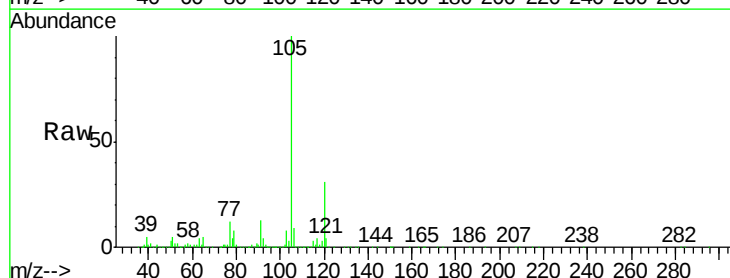
Acq: 18 Jan 2019 03:22

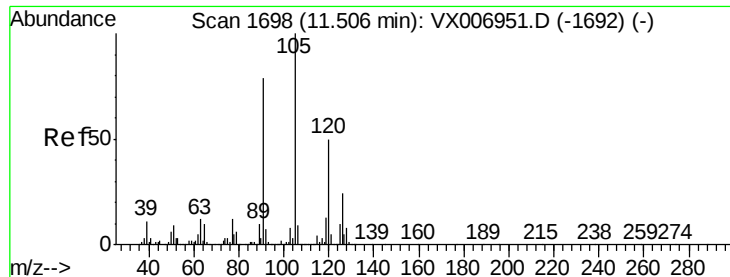
Tgt Ion: 91 Resp: 17688

Ion Ratio Lower Upper

91 100

126 0.2 18.6 56.0#





#80

1,3,5-Trimethylbenzene

Concen: 2.357 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007114.D

Acq: 18 Jan 2019 03:22

Instrument :

MSVOA_X

ClientSampleId :

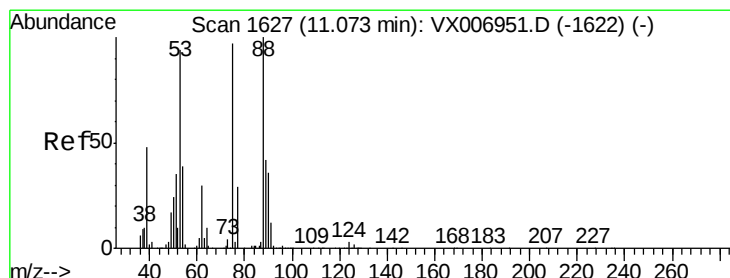
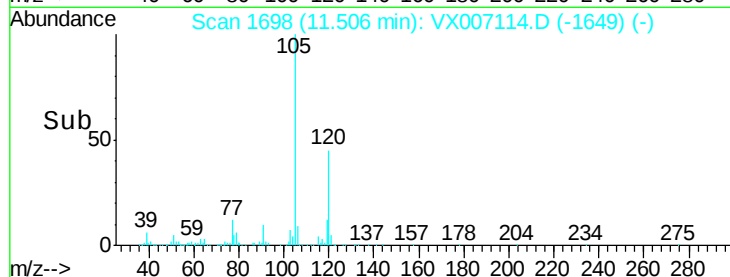
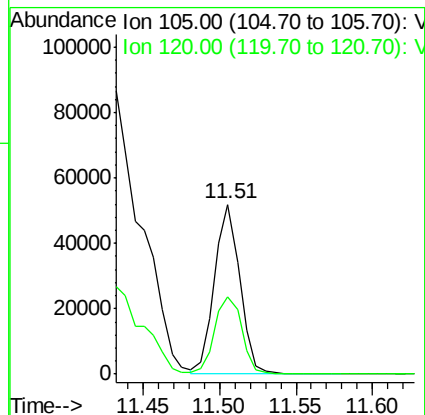
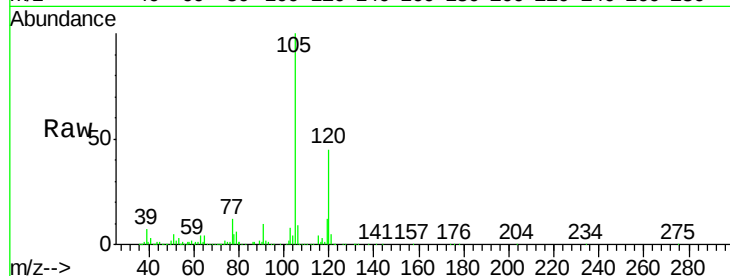
D-10

Tot Ion:105 Resp: 60113

Ion Ratio Lower Upper

105 100

120 48.3 25.1 75.3



#81

trans-1,4-Dichloro-2-butene

Concen: 64.422 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX007114.D

Acq: 18 Jan 2019 03:22

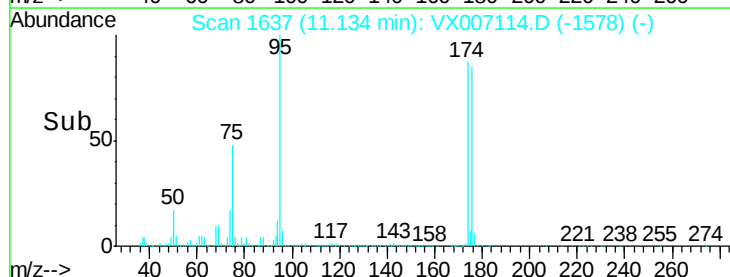
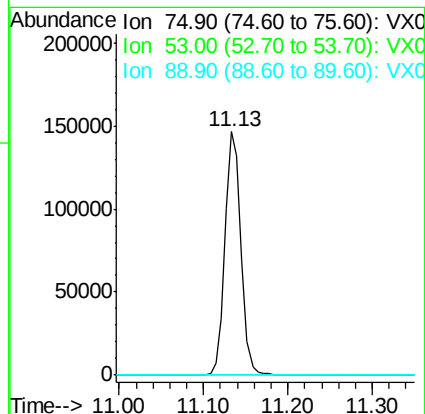
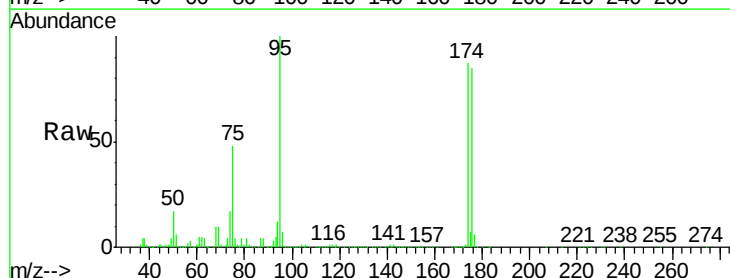
Tgt Ion: 75 Resp: 190707

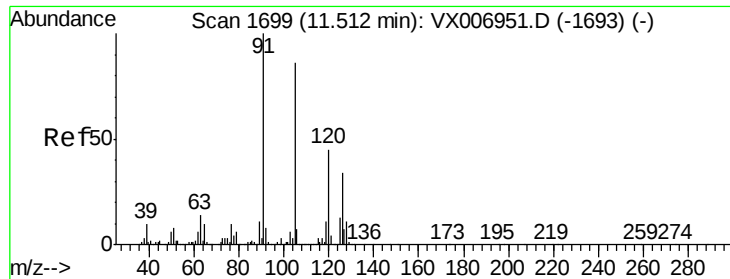
Ion Ratio Lower Upper

75 100

53 0.2 79.7 119.5#

89 0.2 38.0 57.0#





#82

4-Chlorotoluene

Concen: 0.285 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX007114.D

Acq: 18 Jan 2019 03:22

Instrument :

MSVOA_X

ClientSampleId :

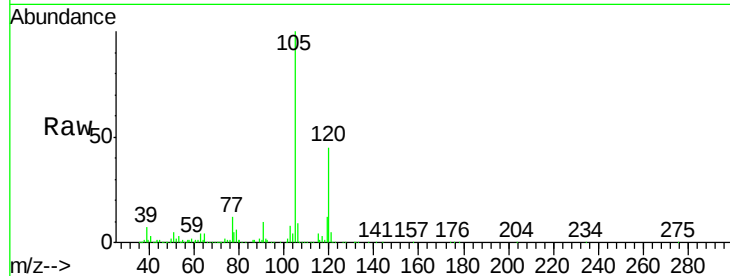
D-10

Tot Ion: 91 Resp: 6660

Ion Ratio Lower Upper

91 100

126 3.8 16.3 48.9#

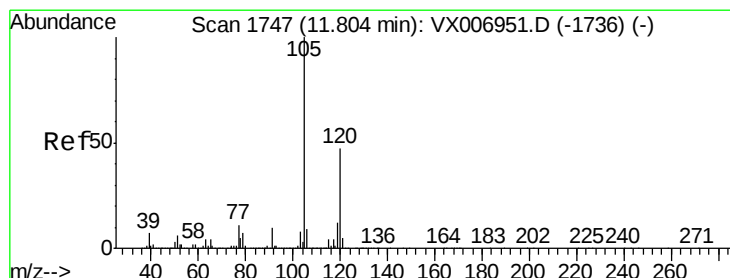
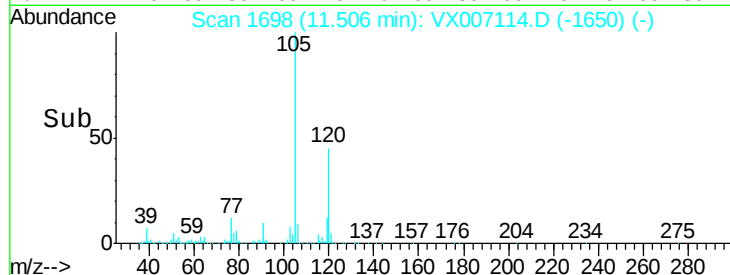


Abundance Ion 91.00 (90.70 to 91.70): VX006951.D (-1693) (-)

Ion 125.90 (125.60 to 126.60): VX006951.D (-1693) (-)

11.51

Time-->



#84

1,2,4-Trimethylbenzene

Concen: 7.845 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX007114.D

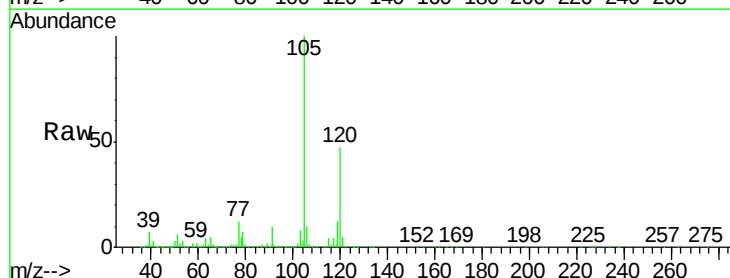
Acq: 18 Jan 2019 03:22

Tgt Ion: 105 Resp: 201227

Ion Ratio Lower Upper

105 100

120 47.0 23.2 69.6

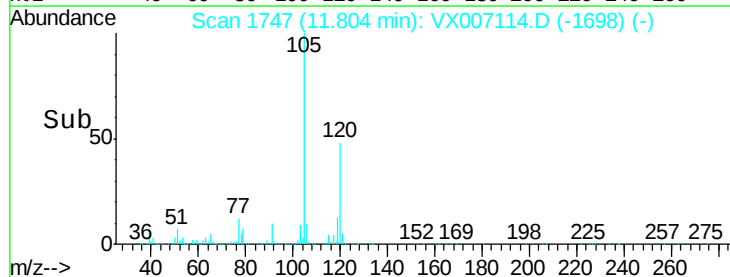


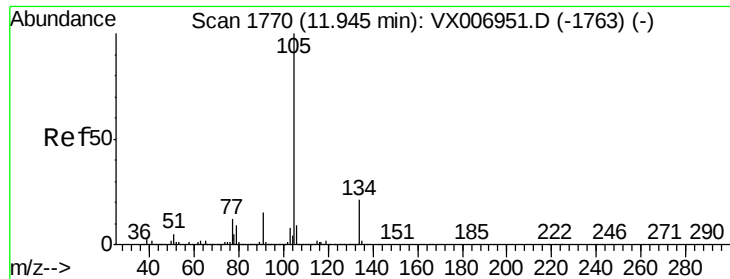
Abundance Ion 105.00 (104.70 to 105.70): VX006951.D (-1736) (-)

Ion 120.00 (119.70 to 120.70): VX006951.D (-1736) (-)

11.80

Time-->

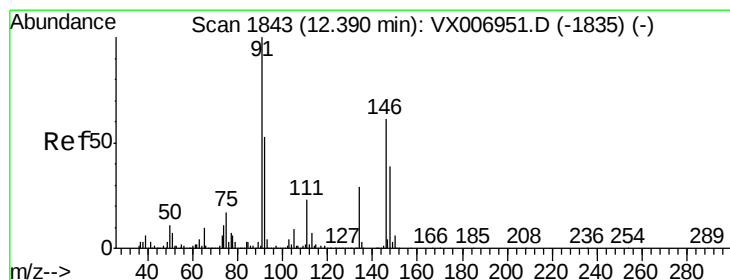
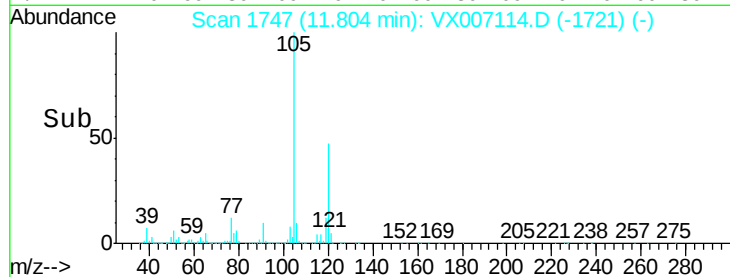
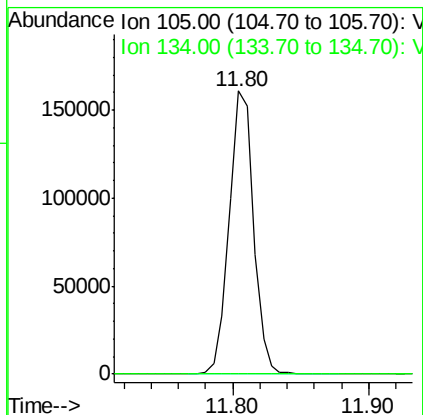
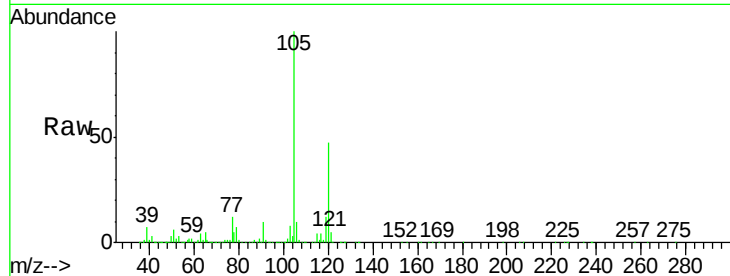




#85
 sec-Butylbenzene
 Concen: 6.621 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.14 min
 Lab File: VX007114.D
 Acq: 18 Jan 2019 03:22

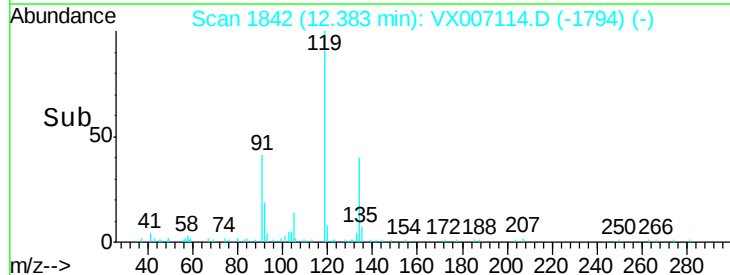
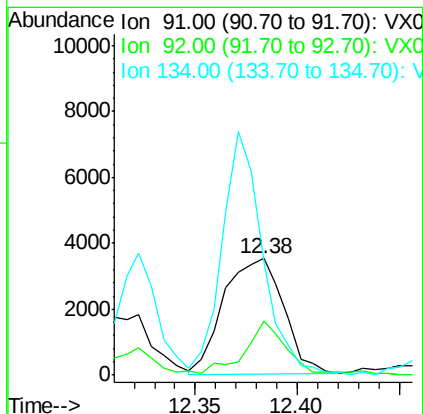
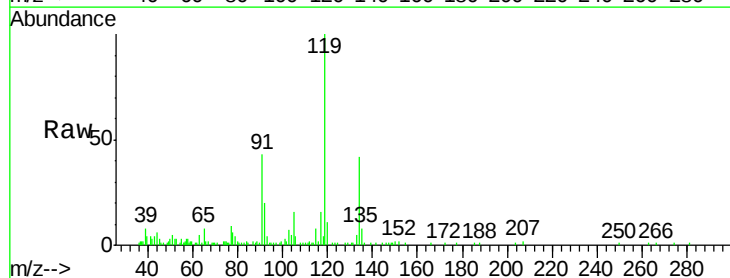
Instrument :
 MSVOA_X
 ClientSampleId :
 D-10

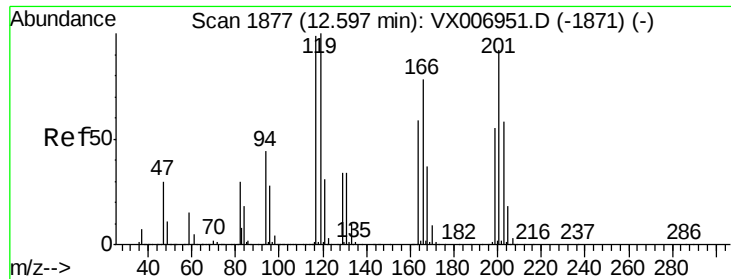
Tot Ion:105 Resp: 201227
 Ion Ratio Lower Upper
 105 100
 134 0.1 10.7 31.9#



#89
 n-Butylbenzene
 Concen: 0.310 ug/l
 RT: 12.38 min Scan# 1842
 Delta R.T. -0.01 min
 Lab File: VX007114.D
 Acq: 18 Jan 2019 03:22

Tgt Ion: 91 Resp: 7190
 Ion Ratio Lower Upper
 91 100
 92 28.7 26.8 80.4
 134 141.5 14.4 43.2#





#90

Hexachloroethane

Concen: 3.192 ug/l

RT: 12.61 min Scan# 1879

Delta R.T. 0.01 min

Lab File: VX007114.D

Acq: 18 Jan 2019 03:22

Instrument :

MSVOA_X

ClientSampleId :

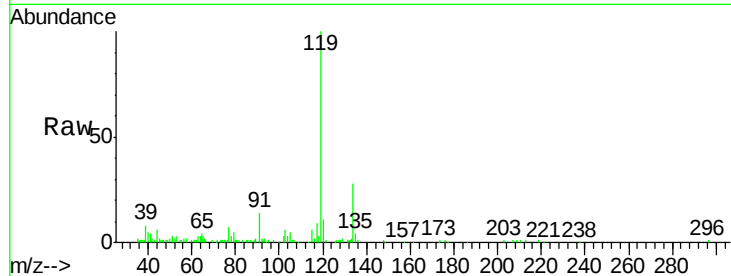
D-10

Tot Ion:117 Resp: 1310

Ion Ratio Lower Upper

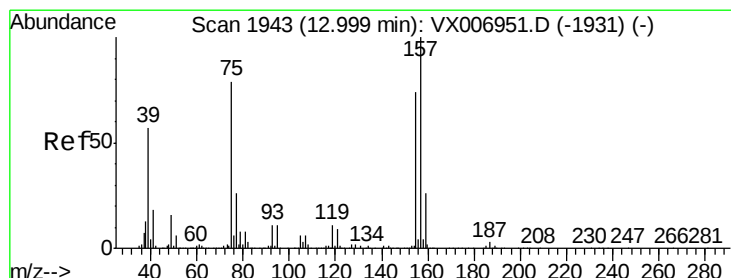
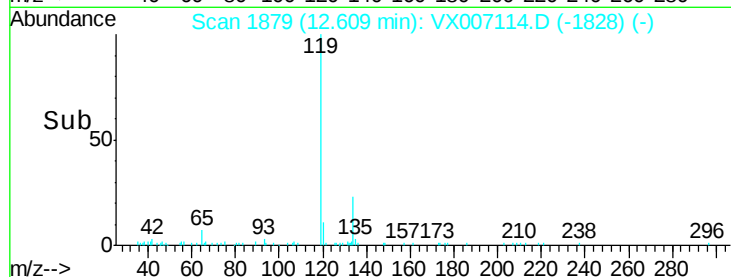
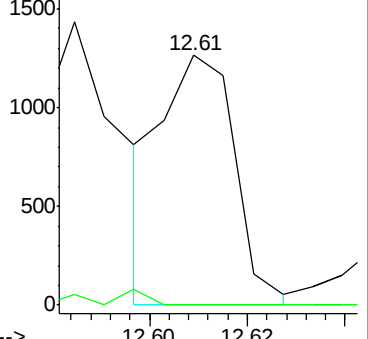
117 100

201 3.8 42.9 128.7#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.238 ug/l

RT: 13.02 min Scan# 1946

Delta R.T. 0.02 min

Lab File: VX007114.D

Acq: 18 Jan 2019 03:22

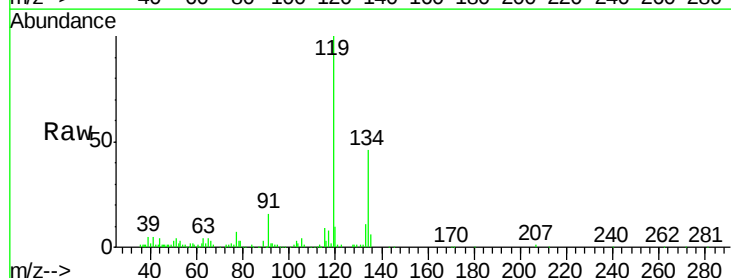
Tgt Ion: 75 Resp: 456

Ion Ratio Lower Upper

75 100

155 0.0 50.6 151.8#

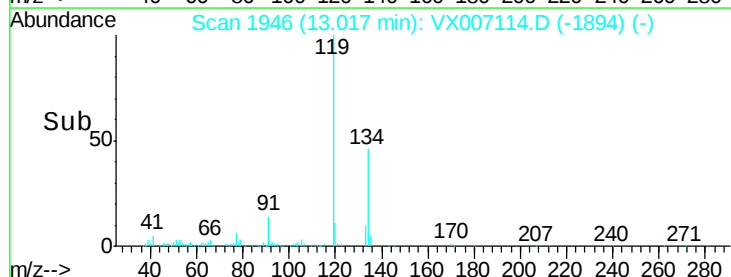
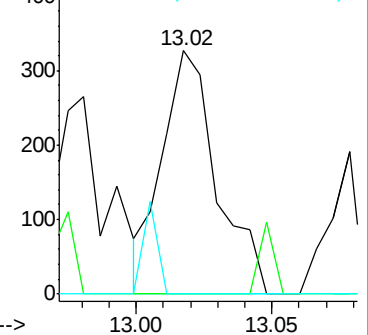
157 9.9 64.6 193.8#

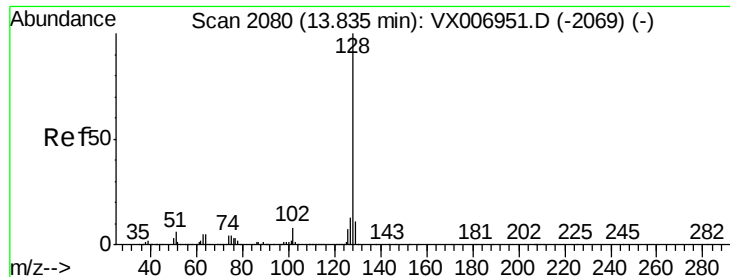


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95

Naphthalene

Concen: 1.994 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007114.D

Acq: 18 Jan 2019 03:22

Instrument :

MSVOA_X

ClientSampleId :

D-10

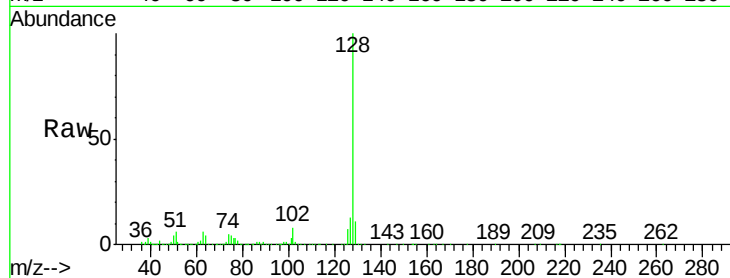
Tot Ion:128 Resp: 62208

Ion Ratio Lower Upper

128 100

127 13.4 10.1 15.1

129 11.5 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

