

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012919\
 Data File : VX007299.D
 Acq On : 29 Jan 2019 20:08
 Operator : JC/SP
 Sample : K1016-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jan 30 00:47:52 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	523304	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	814108	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	786185	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	395588	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	281367	51.45	ug/l	0.00
Spiked Amount			Recovery	=	102.90%	
35) Dibromofluoromethane	5.51	113	252648	48.46	ug/l	0.00
Spiked Amount			Recovery	=	96.92%	
50) Toluene-d8	8.71	98	995160	52.15	ug/l	0.00
Spiked Amount			Recovery	=	104.30%	
62) 4-Bromofluorobenzene	11.13	95	362304	54.46	ug/l	0.00
Spiked Amount			Recovery	=	108.92%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	2.20	74	2837	0.820	ug/l	91
11) Tert butyl alcohol	3.06	59	6925	5.368	ug/l #	83
13) Acrolein	2.30	56	5403	12.675	ug/l	83
16) Acetone	2.45	43	49880	18.449	ug/l	99
18) Methyl Acetate	2.78	43	23488	3.000	ug/l	93
20) Methylene Chloride	2.86	84	444691	86.892	ug/l	97
25) 2-Butanone	4.70	43	10942	2.828	ug/l	92
29) Tetrahydrofuran	5.17	42	3991	1.587	ug/l #	57
36) 1,1-Dichloropropene	5.66	75	34676	4.899	ug/l #	50
38) Carbon Tetrachloride	5.67	117	47747	6.705	ug/l #	14
43) Isopropyl Acetate	6.46	43	33807	2.824	ug/l	98
48) Methyl methacrylate	7.68	41	28607	4.654	ug/l #	25
49) 1,4-Dioxane	7.75	88	29	Below Cal	#	1
51) 4-Methyl-2-Pentanone	8.62	43	171649	22.314	ug/l #	50
52) Toluene	8.79	92	56392	4.062	ug/l	97
54) cis-1,3-Dichloropropene	8.62	75	82896	10.422	ug/l #	65
57) 1,3-Dichloropropane	9.54	76	19863	2.182	ug/l #	44
59) 2-Hexanone	9.54	43	253986	43.328	ug/l #	51
67) Ethyl Benzene	10.25	91	46946	1.658	ug/l	97
68) m/p-Xylenes	10.36	106	80780	7.243	ug/l	95
69) o-Xylene	10.69	106	31667	2.911	ug/l	98
74) N-amyl acetate	10.91	43	2691	0.240	ug/l #	3
76) 1,2,3-Trichloropropane	11.13	75	172697	21.543	ug/l #	40
78) n-propylbenzene	11.36	91	22062	0.720	ug/l	98
79) 2-Chlorotoluene	11.43	91	13213	0.717	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.51	105	41732	1.790	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.13	75	172697	63.878	ug/l #	10
82) 4-Chlorotoluene	11.51	91	4866	0.228	ug/l #	47
83) tert-Butylbenzene	11.80	119	19162	0.824	ug/l #	64
84) 1,2,4-Trimethylbenzene	11.80	105	154318	6.584	ug/l	98
85) sec-Butylbenzene	11.80	105	154318	5.556	ug/l #	55
89) n-Butylbenzene	12.38	91	5727	0.270	ug/l #	8
90) Hexachloroethane	12.58	117	2450	3.490	ug/l #	6
95) Naphthalene	13.83	128	54206	1.902	ug/l	96

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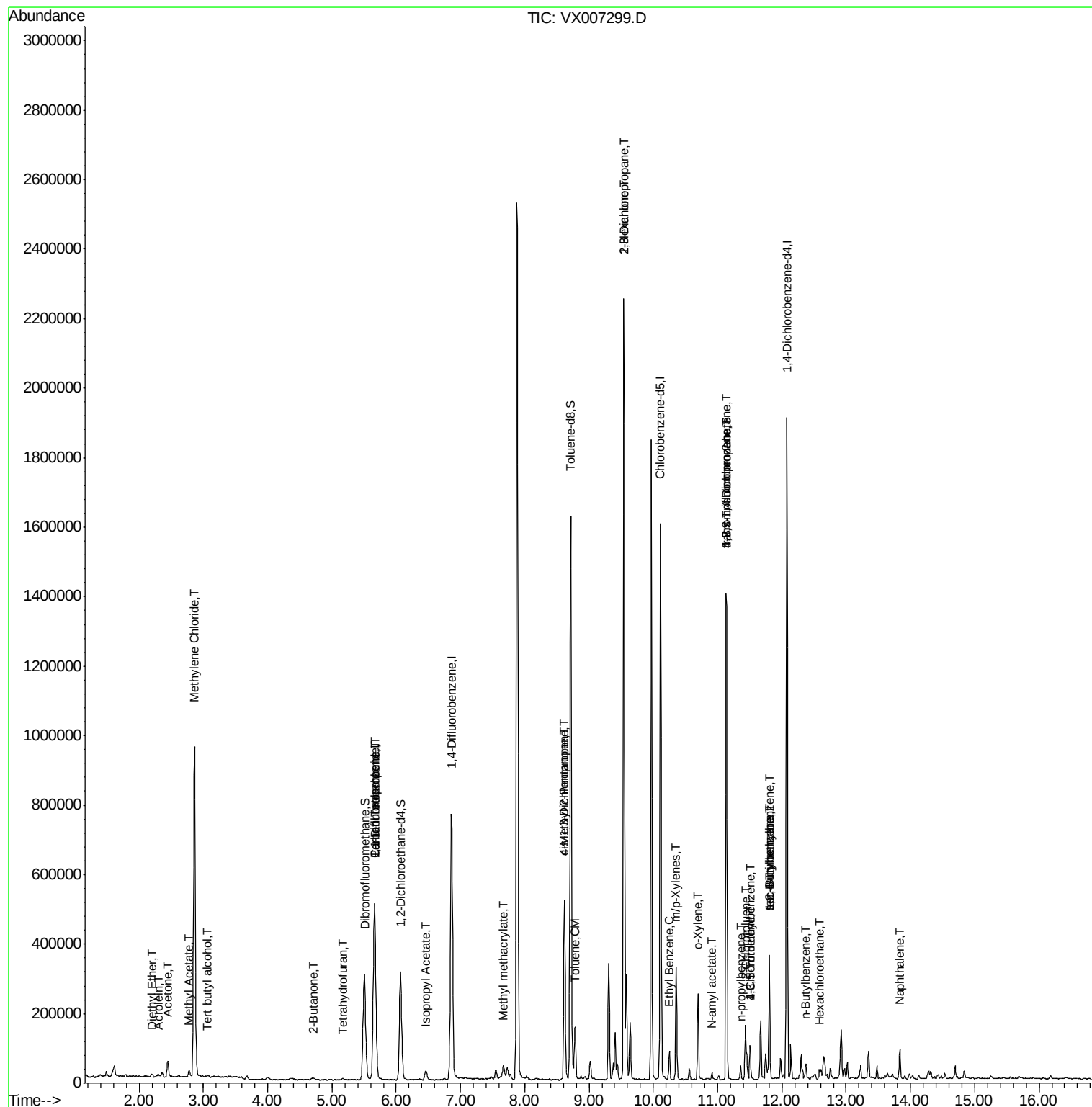
Quant Time: Jan 30 00:47:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 08 14:06:59 2019
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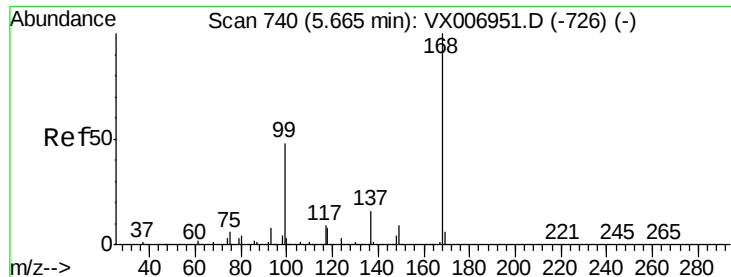
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX007299.D

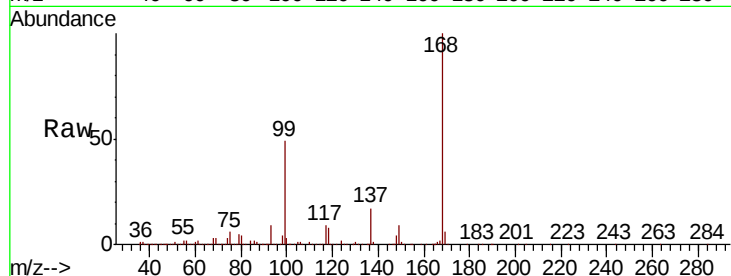
Acq: 29 Jan 2019 20:08

Tot Ion:168 Resp: 523304

Ion Ratio Lower Upper

168 100

99 49.2 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

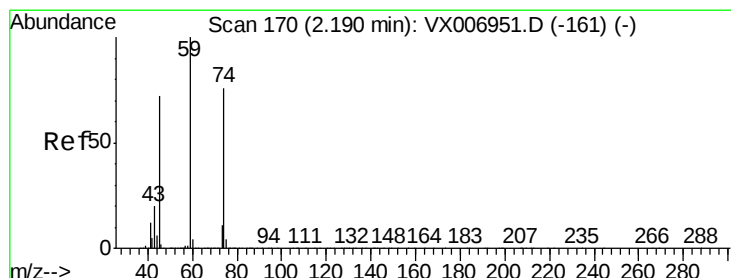
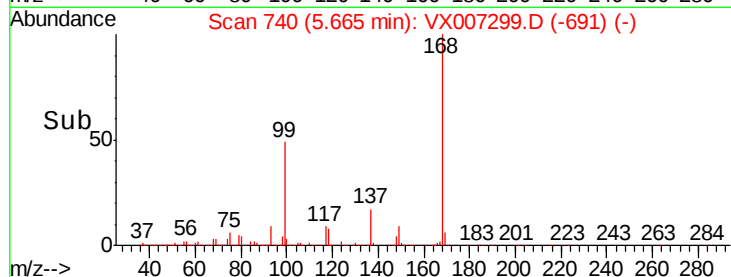
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#8

Diethyl Ether

Concen: 0.820 ug/l

RT: 2.20 min Scan# 171

Delta R.T. 0.01 min

Lab File: VX007299.D

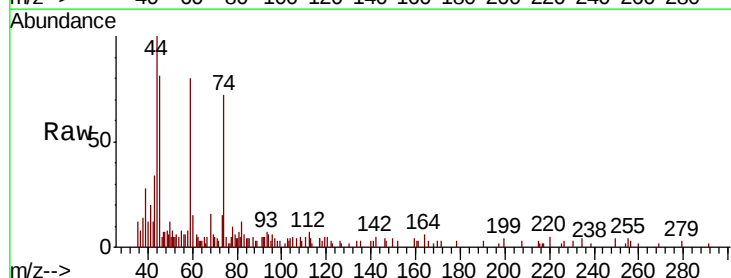
Acq: 29 Jan 2019 20:08

Tgt Ion: 74 Resp: 2837

Ion Ratio Lower Upper

74 100

45 83.8 46.3 138.9



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

2.20

2000

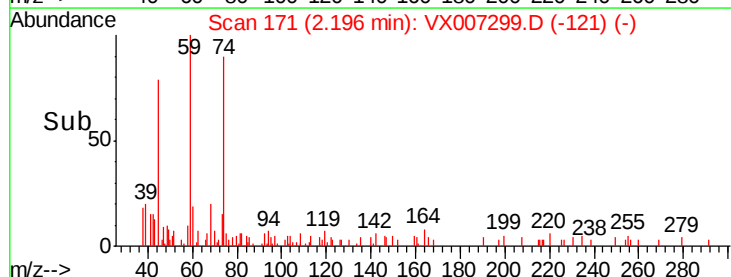
1500

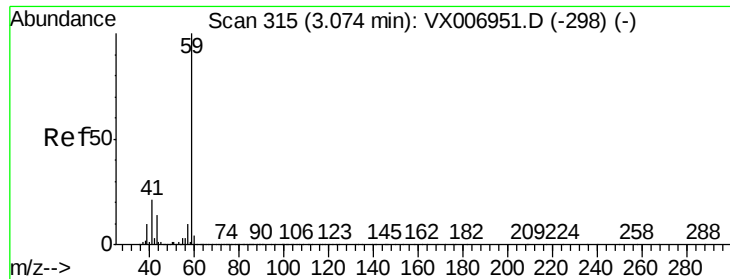
1000

500

0

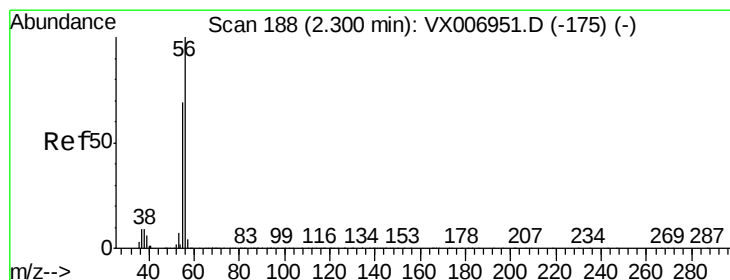
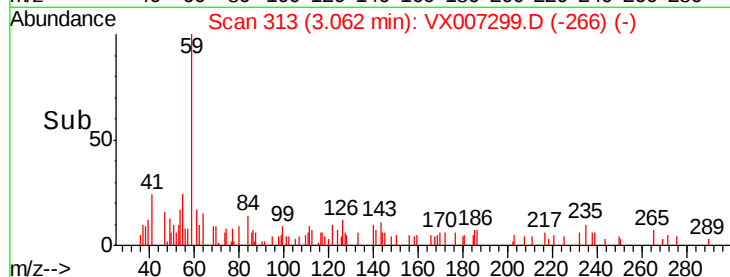
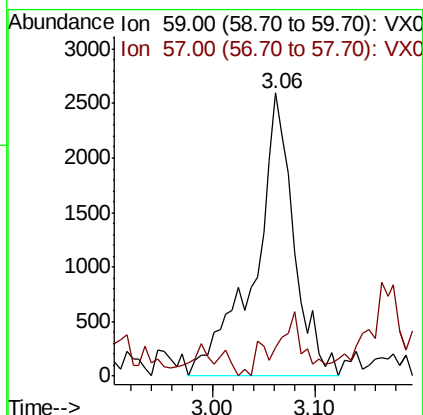
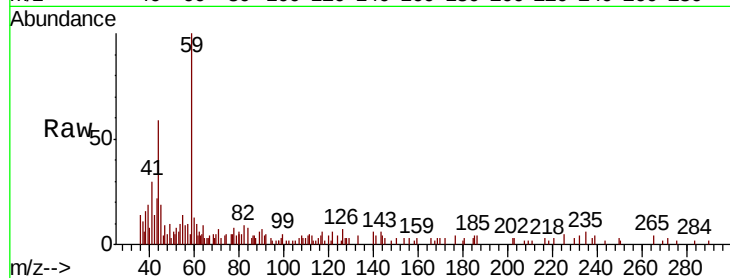
Time--> 2.15 2.20





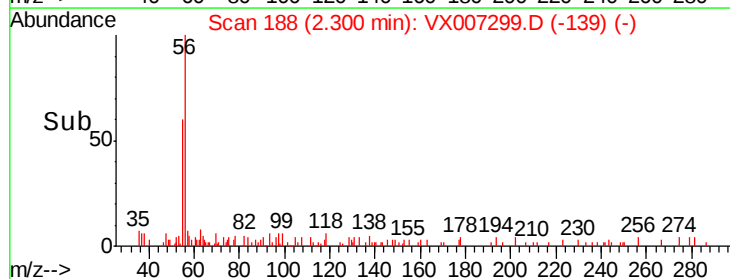
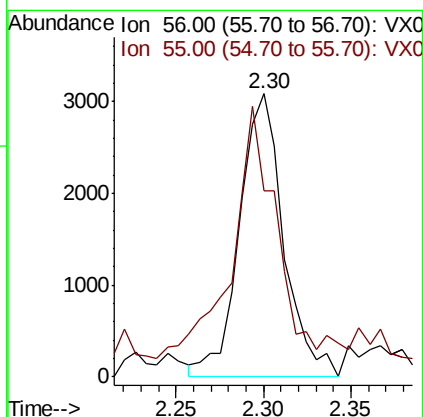
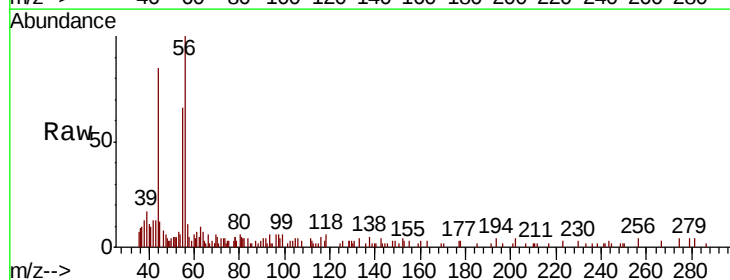
#11
Tert butyl alcohol
Concen: 5.368 ug/l
RT: 3.06 min Scan# 313
Delta R.T. -0.01 min
Lab File: VX007299.D
Acq: 29 Jan 2019 20:08

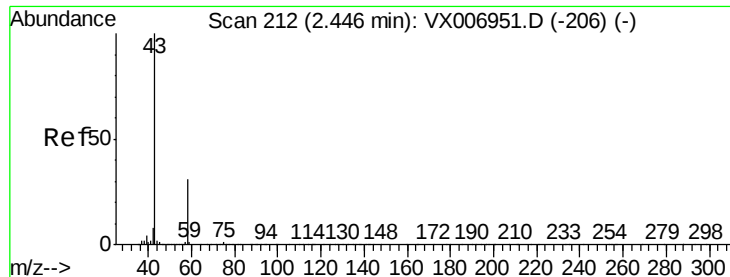
Tot Ion: 59 Resp: 6925
Ion Ratio Lower Upper
59 100
57 4.2 8.5 12.7#



#13
Acrolein
Concen: 12.675 ug/l
RT: 2.30 min Scan# 188
Delta R.T. -0.00 min
Lab File: VX007299.D
Acq: 29 Jan 2019 20:08

Tgt Ion: 56 Resp: 5403
Ion Ratio Lower Upper
56 100
55 87.0 58.2 87.4





#16

Acetone

Concen: 18.449 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007299.D

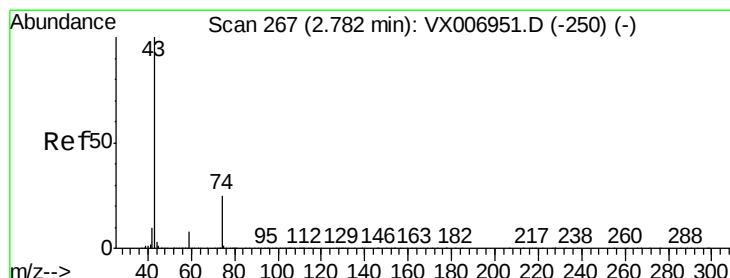
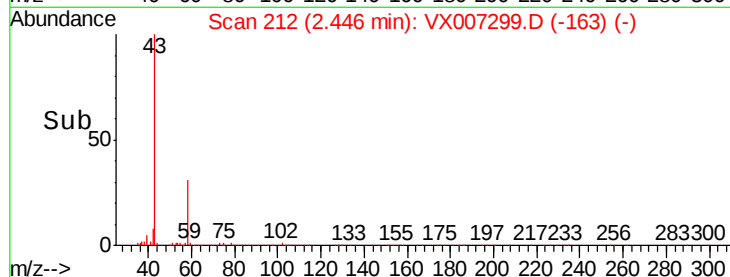
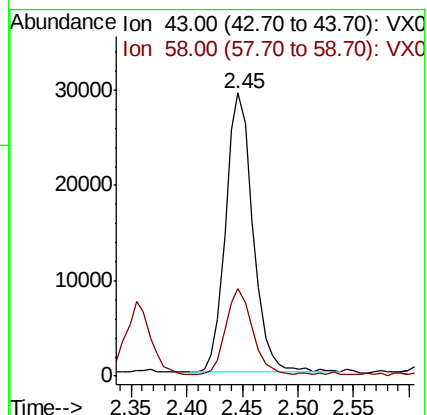
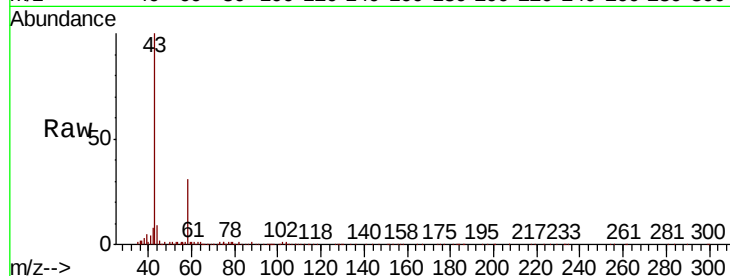
Acq: 29 Jan 2019 20:08

Tot Ion: 43 Resp: 49880

Ion Ratio Lower Upper

43 100

58 30.6 25.0 37.6



#18

Methyl Acetate

Concen: 3.000 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX007299.D

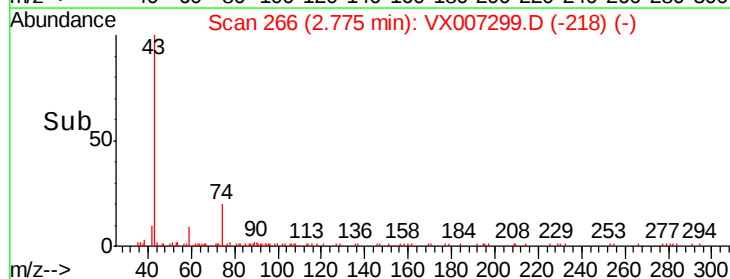
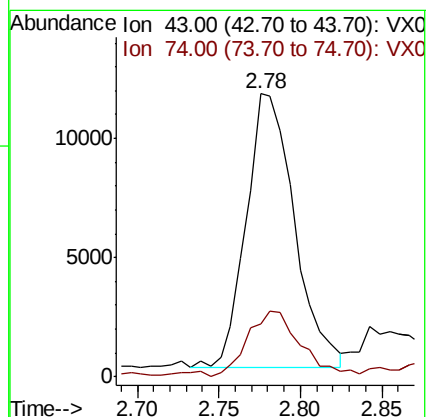
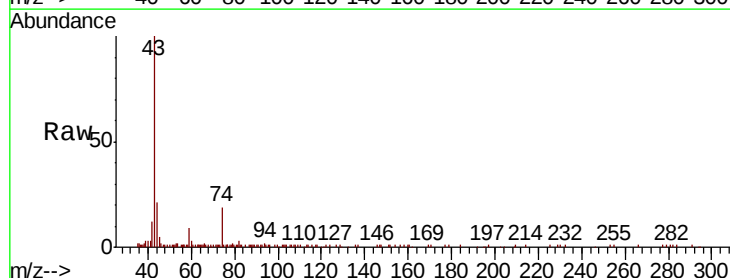
Acq: 29 Jan 2019 20:08

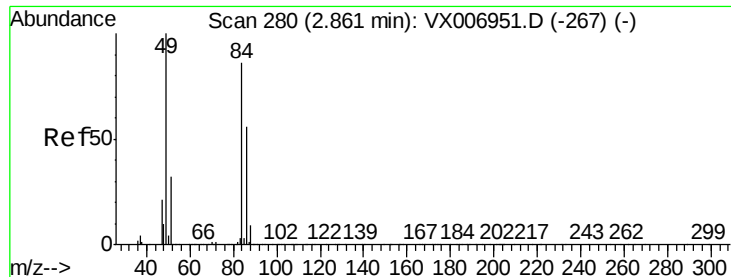
Tgt Ion: 43 Resp: 23488

Ion Ratio Lower Upper

43 100

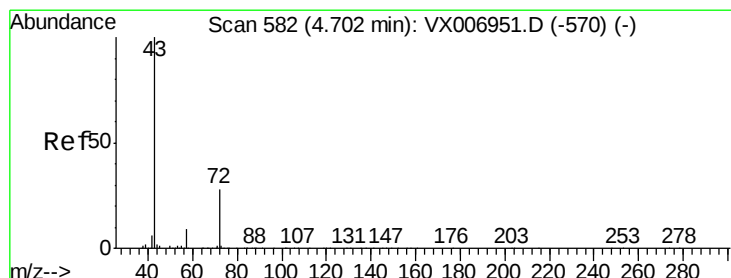
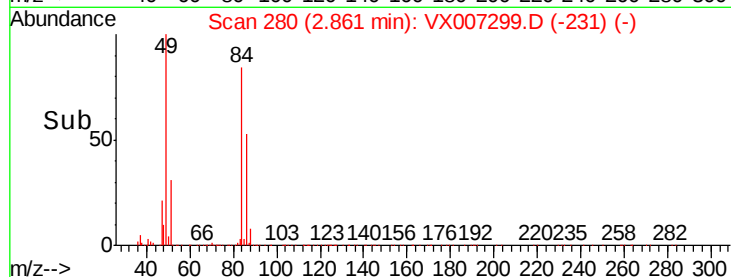
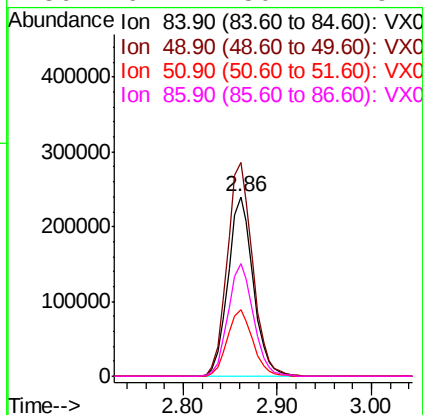
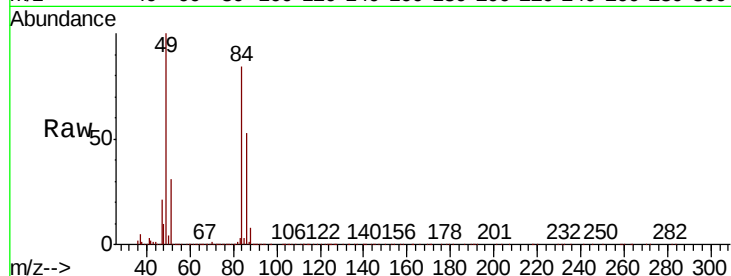
74 26.7 18.6 28.0





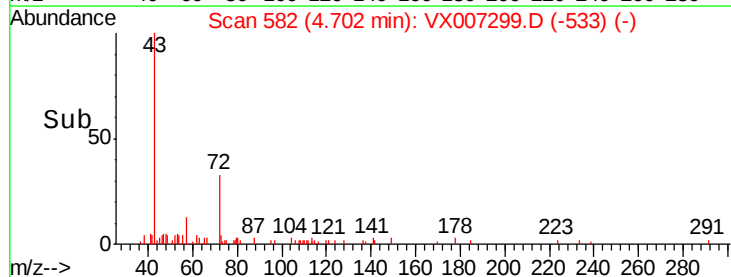
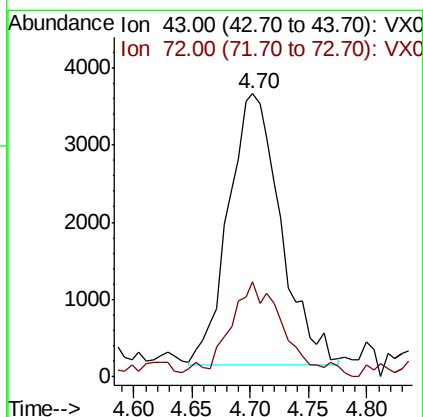
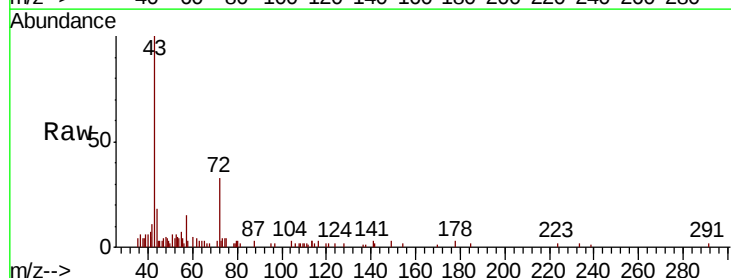
#20
Methvlene Chloride
Concen: 86.892 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007299.D
Acq: 29 Jan 2019 20:08

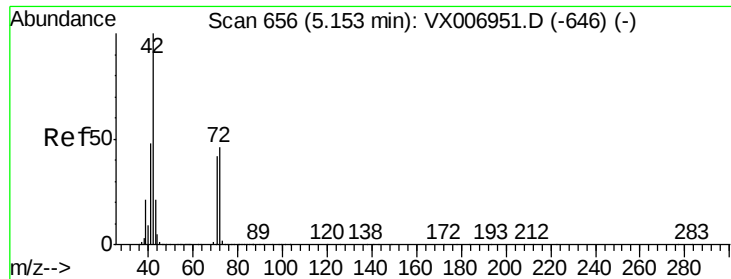
Tot Ion:	84	Resp:	444691
Ion	Ratio	Lower	Upper
84	100		
49	119.1	91.8	137.6
51	36.9	28.5	42.7
86	62.7	50.2	75.2



#25
2-Butanone
Concen: 2.828 ug/l
RT: 4.70 min Scan# 582
Delta R.T. -0.00 min
Lab File: VX007299.D
Acq: 29 Jan 2019 20:08

Tgt Ion:	43	Resp:	10942
Ion	Ratio	Lower	Upper
43	100		
72	32.3	22.4	33.6





#29

Tetrahydrofuran

Concen: 1.587 ug/l

RT: 5.17 min Scan# 659

Delta R.T. 0.02 min

Lab File: VX007299.D

Acq: 29 Jan 2019 20:08

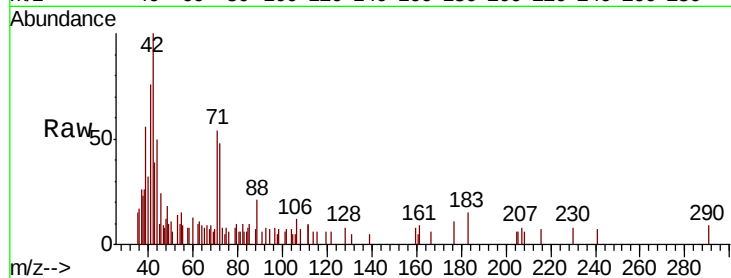
Tot Ion: 42 Resp: 3991

Ion Ratio Lower Upper

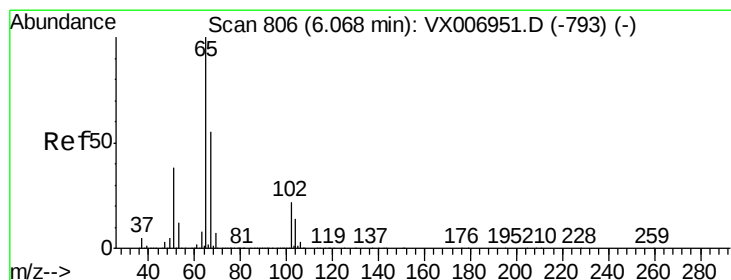
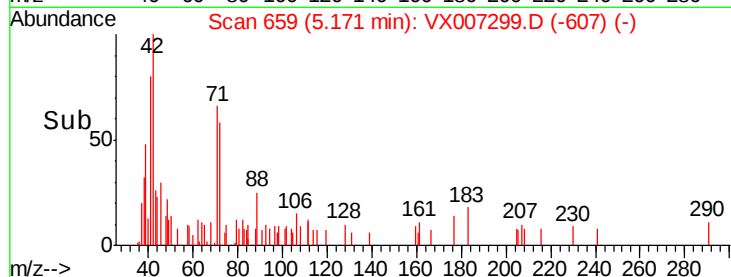
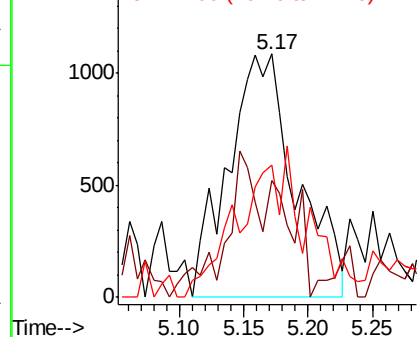
42 100

72 17.0 38.9 58.3#

71 19.4 36.2 54.4#



Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 51.448 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007299.D

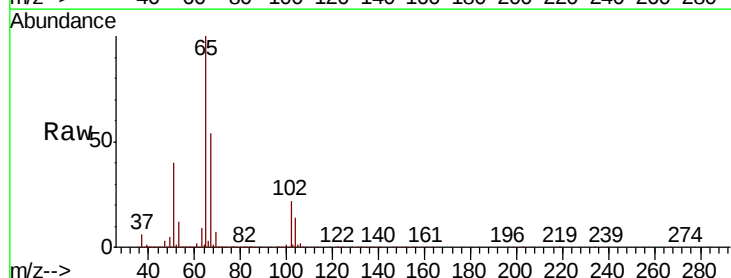
Acq: 29 Jan 2019 20:08

Tgt Ion: 65 Resp: 281367

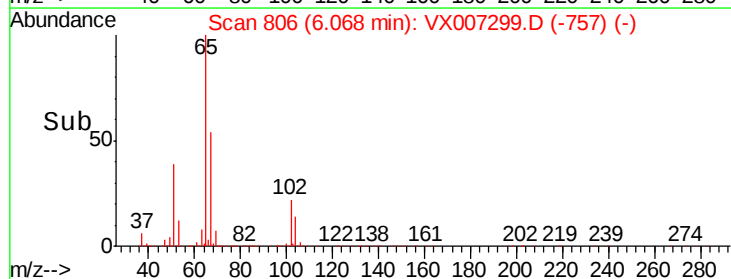
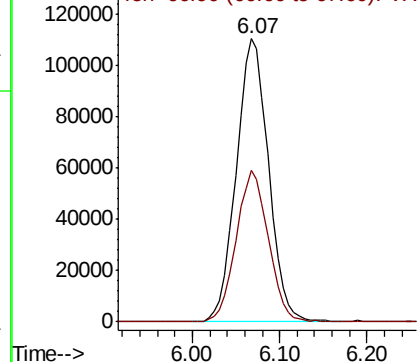
Ion Ratio Lower Upper

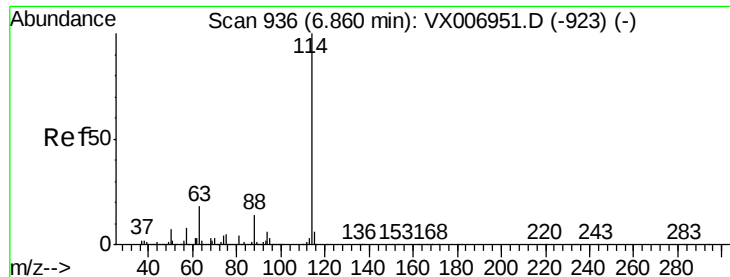
65 100

67 53.8 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: VX007299.D

Acq: 29 Jan 2019 20:08

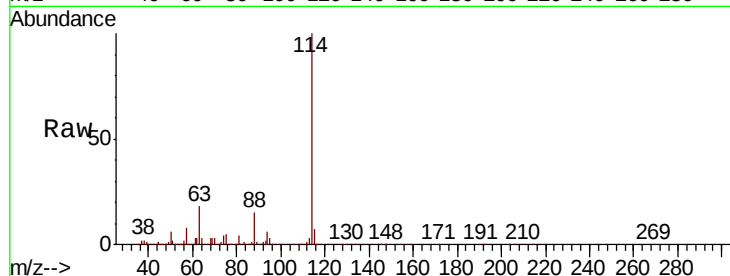
Tot Ion:114 Resp: 814108

Ion Ratio Lower Upper

114 100

63 18.3 0.0 34.8

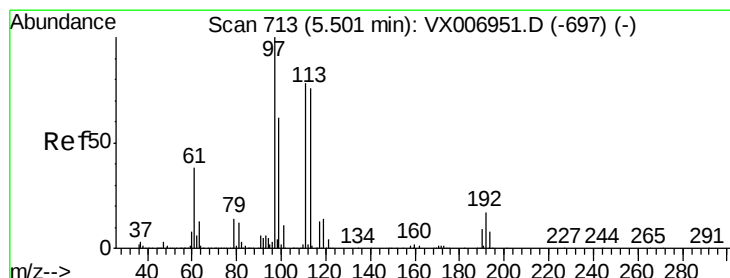
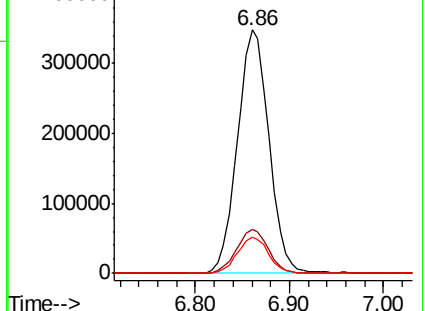
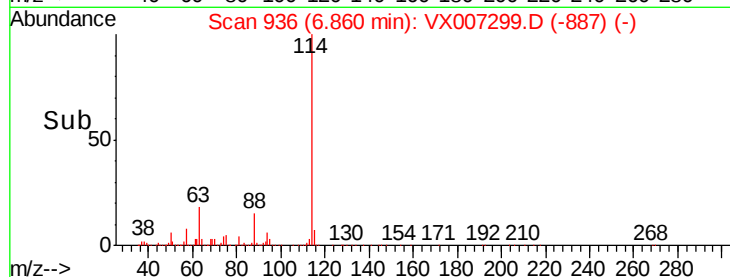
88 14.7 0.0 28.8



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: 48.460 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007299.D

Acq: 29 Jan 2019 20:08

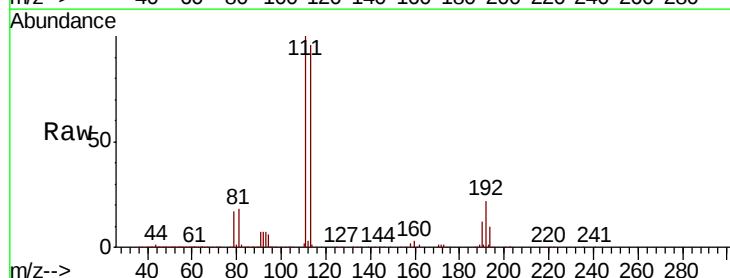
Tgt Ion:113 Resp: 252648

Ion Ratio Lower Upper

113 100

111 104.1 81.6 122.4

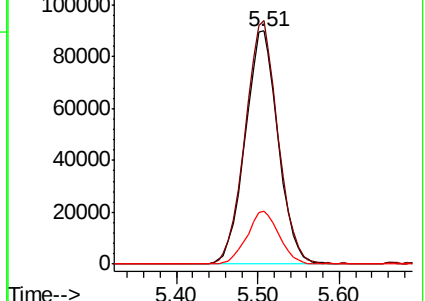
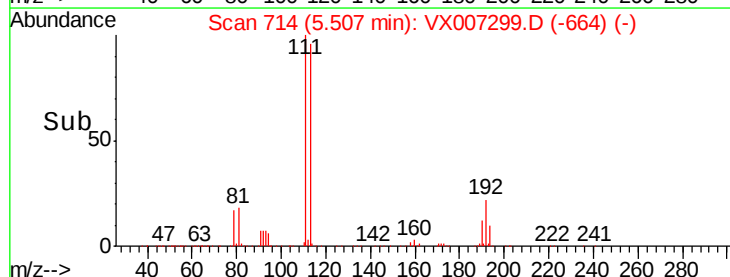
192 22.4 16.7 25.1

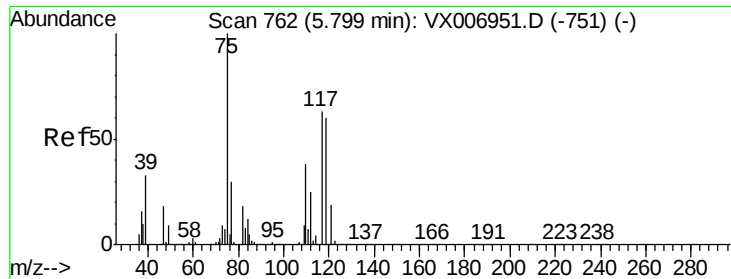


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.899 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX007299.D

Acq: 29 Jan 2019 20:08

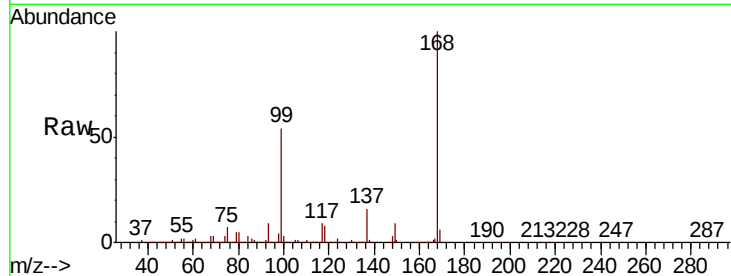
Tot Ion: 75 Resp: 34676

Ion Ratio Lower Upper

75 100

110 11.7 20.2 60.5#

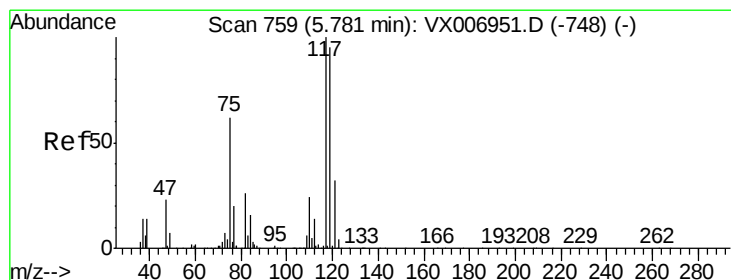
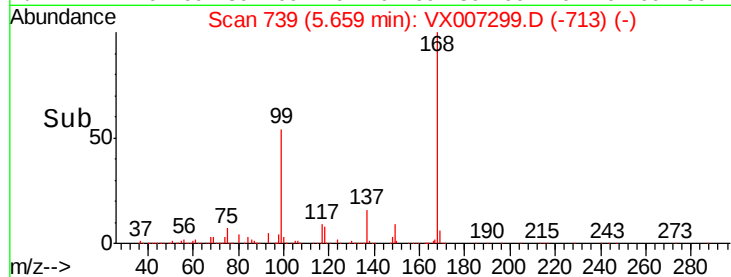
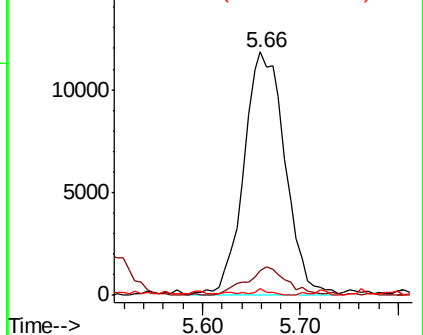
77 1.1 24.8 37.2#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0



#38

Carbon Tetrachloride

Concen: 6.705 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX007299.D

Acq: 29 Jan 2019 20:08

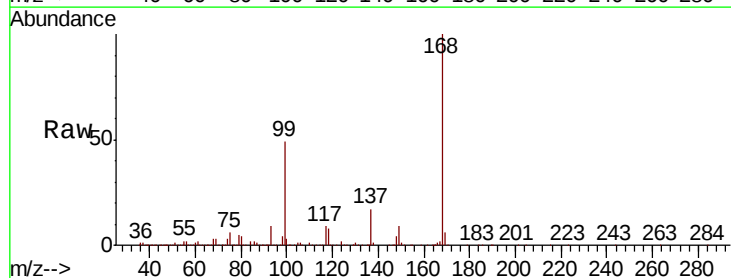
Tgt Ion: 117 Resp: 47747

Ion Ratio Lower Upper

117 100

119 4.5 79.4 119.2#

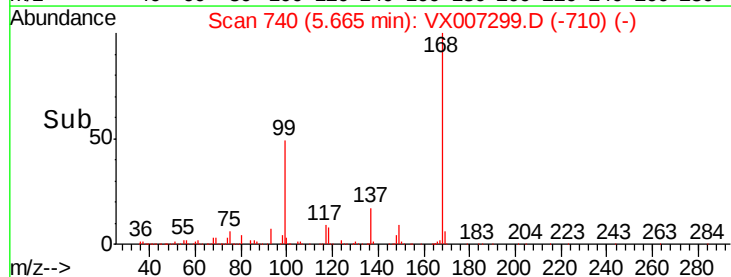
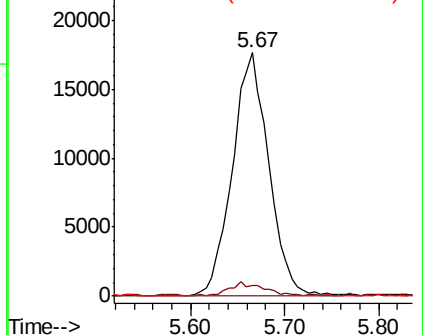
121 0.0 24.0 36.0#

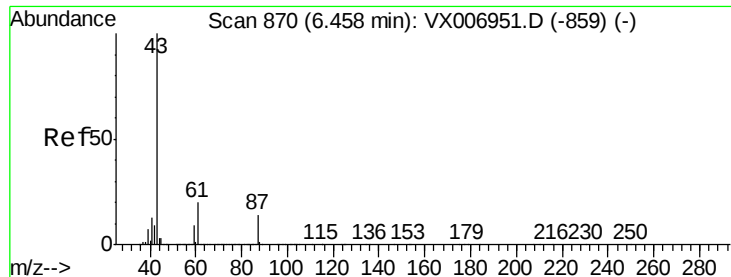


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#43

Isopropyl Acetate

Concen: 2.824 ug/l

RT: 6.46 min Scan# 871

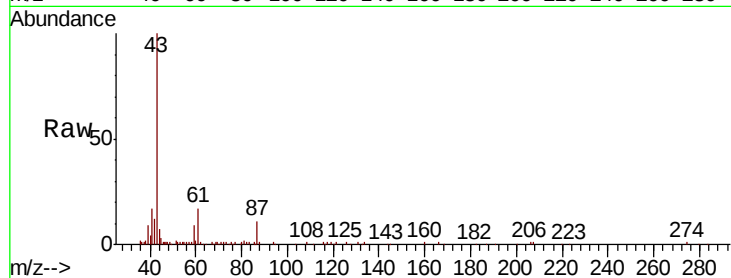
Delta R.T. 0.01 min

Lab File: VX007299.D

Acq: 29 Jan 2019 20:08

Tot Ion: 43 Resp: 33807

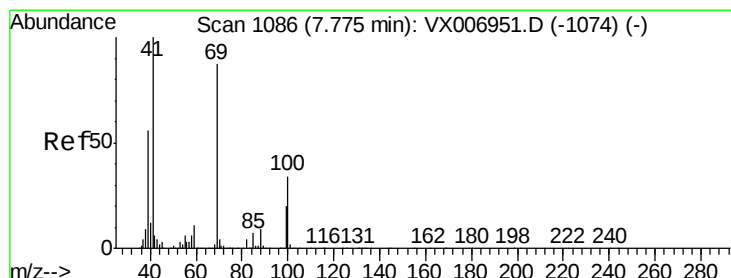
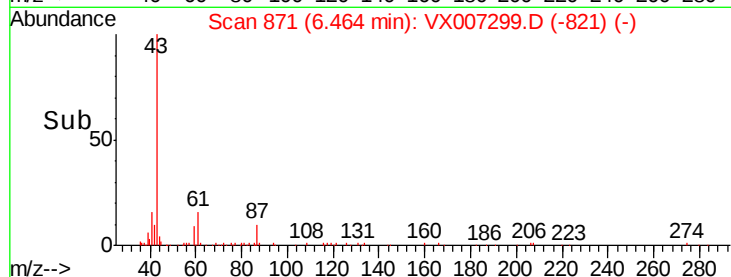
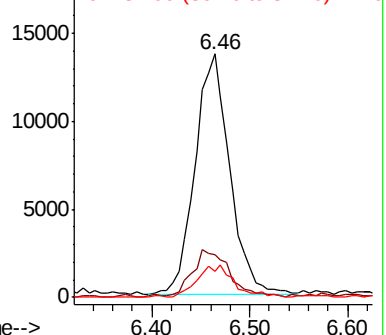
Ion	Ratio	Lower	Upper
43	100		
61	21.2	16.8	25.2
87	14.2	12.4	18.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#48

Methyl methacrylate

Concen: 4.654 ug/l

RT: 7.68 min Scan# 1070

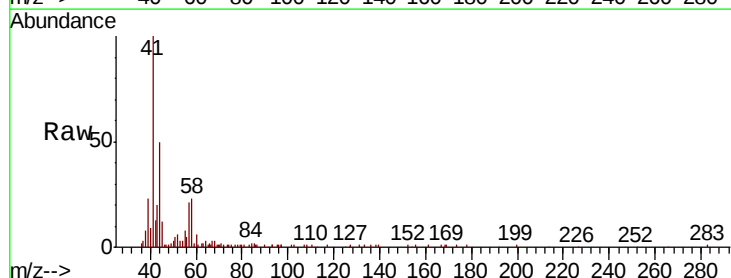
Delta R.T. -0.10 min

Lab File: VX007299.D

Acq: 29 Jan 2019 20:08

Tgt Ion: 41 Resp: 28607

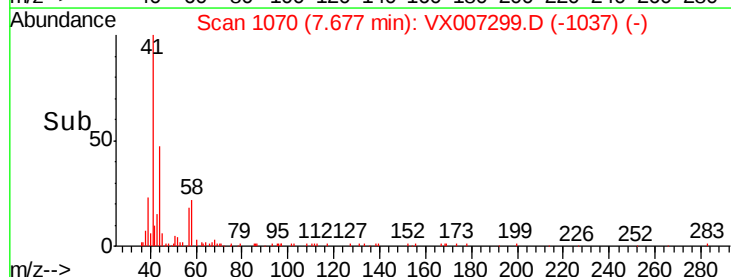
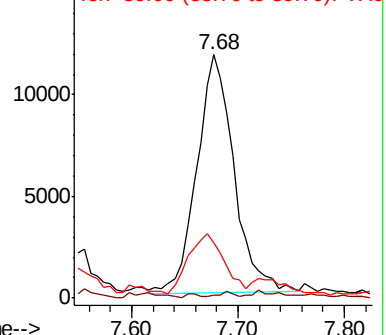
Ion	Ratio	Lower	Upper
41	100		
69	0.7	72.4	108.6#
39	24.4	45.8	68.8#

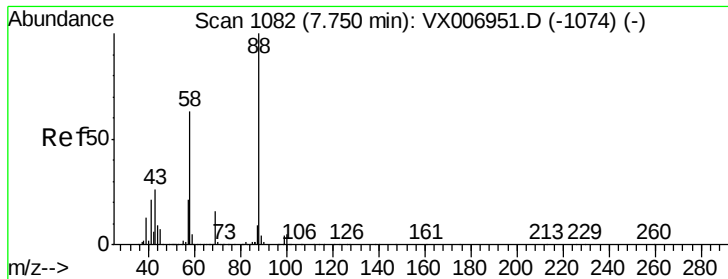


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: Below Cal

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

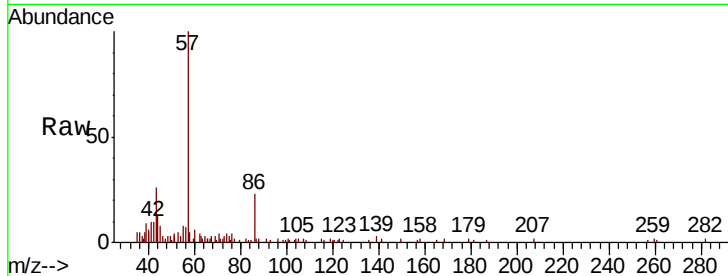
Lab File: VX007299.D

Acq: 29 Jan 2019 20:08

Tot Ion: 88 Resp: 29

Ion Ratio Lower Upper

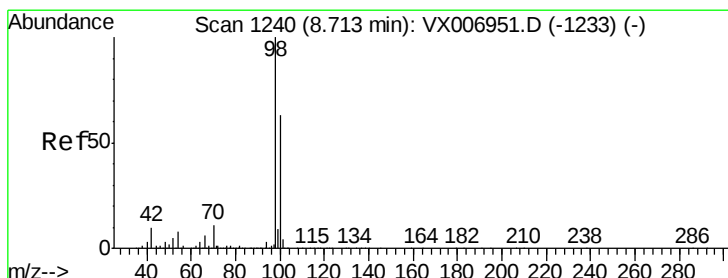
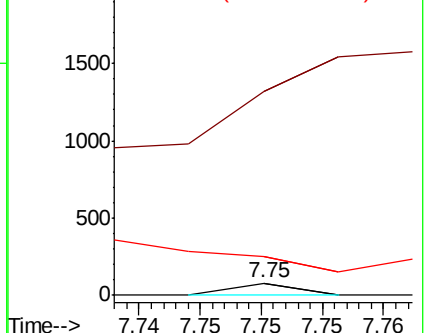
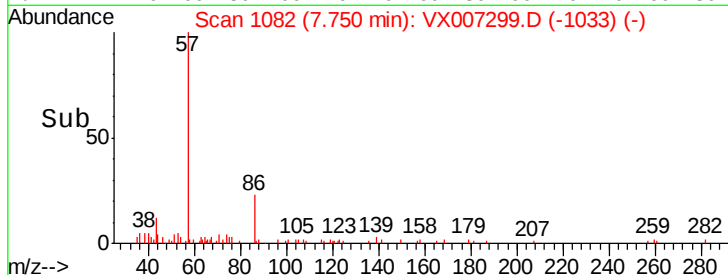
88	100		
43	0.0	22.2	33.4#
58	4400.0	51.0	76.4#



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 52.149 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

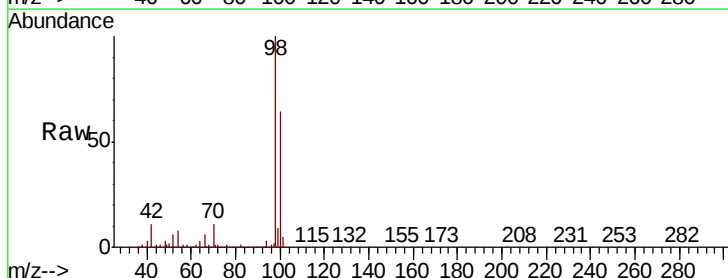
Lab File: VX007299.D

Acq: 29 Jan 2019 20:08

Tgt Ion: 98 Resp: 995160

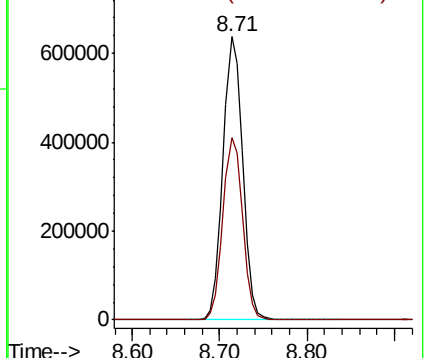
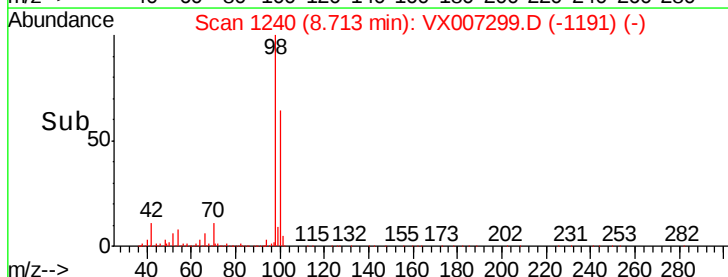
Ion Ratio Lower Upper

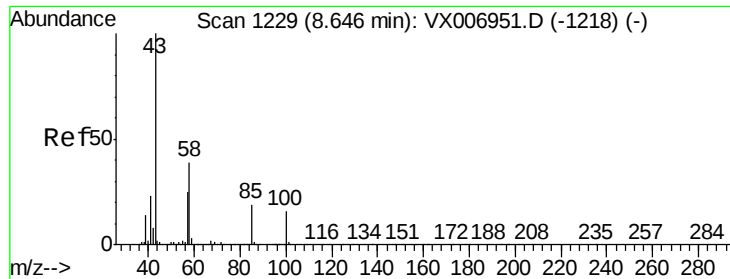
98	100		
100	64.5	52.0	78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 22.314 ug/l

RT: 8.62 min Scan# 1224

Delta R.T. -0.03 min

Lab File: VX007299.D

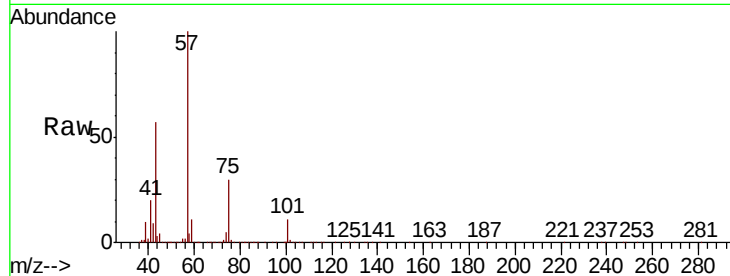
Acq: 29 Jan 2019 20:08

Tot Ion: 43 Resp: 171649

Ion Ratio Lower Upper

43 100

58 9.0 31.8 47.6#



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

Ion 58.00 (57.70 to 58.70): VX006951.D (-1218) (-)

8.62

120000

100000

80000

60000

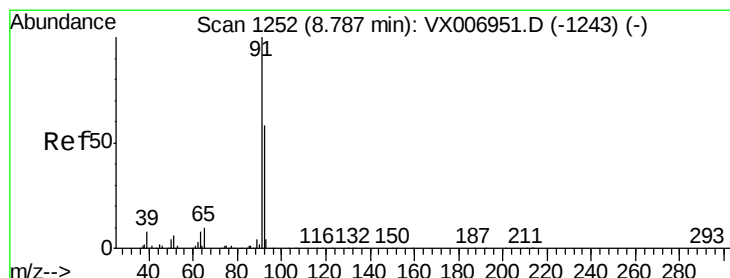
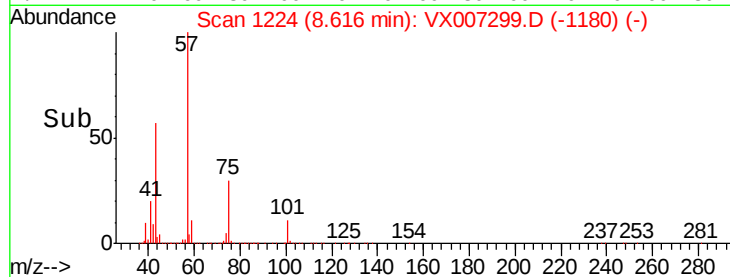
40000

20000

0

Time-->

8.55 8.60 8.65 8.70



#52

Toluene

Concen: 4.062 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX007299.D

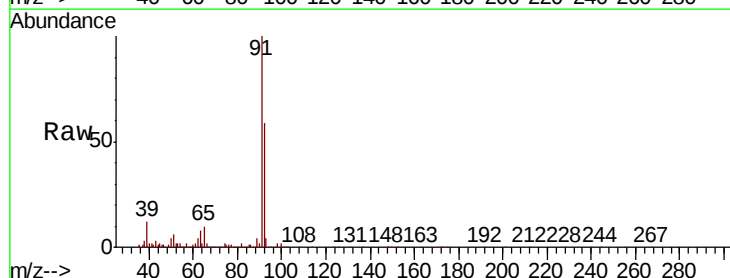
Acq: 29 Jan 2019 20:08

Tgt Ion: 92 Resp: 56392

Ion Ratio Lower Upper

92 100

91 175.5 137.6 206.4



Abundance Ion 92.00 (91.70 to 92.70): VX006951.D (-1243) (-)

Ion 91.00 (90.70 to 91.70): VX006951.D (-1243) (-)

8.79

60000

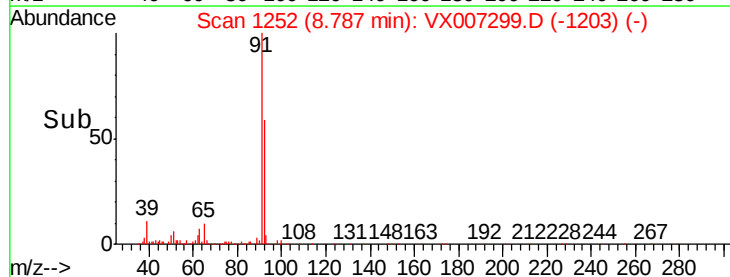
40000

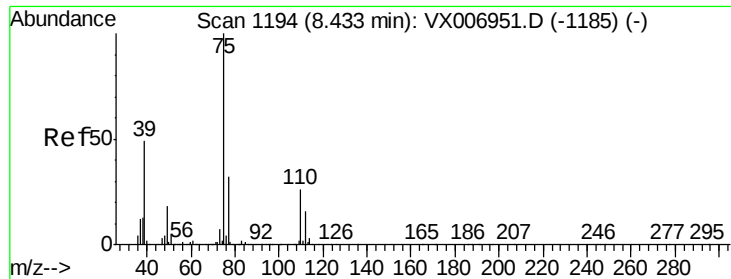
20000

0

Time-->

8.70 8.75 8.80 8.85





#54

cis-1,3-Dichloropropene

Concen: 10.422 ug/l

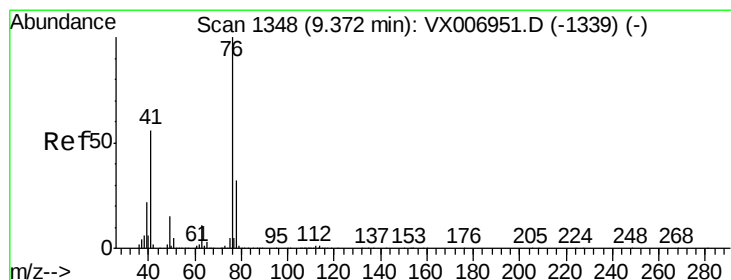
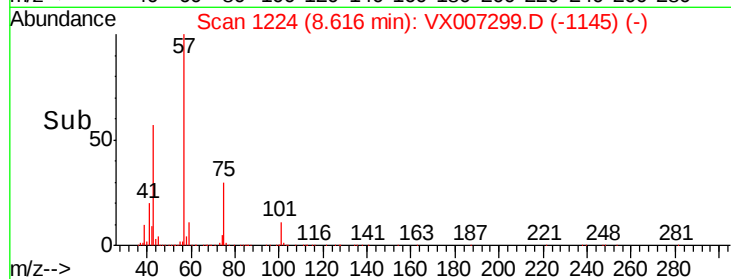
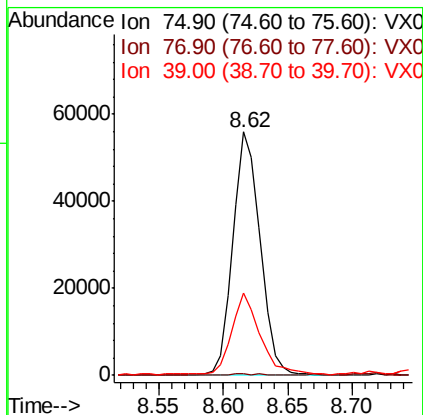
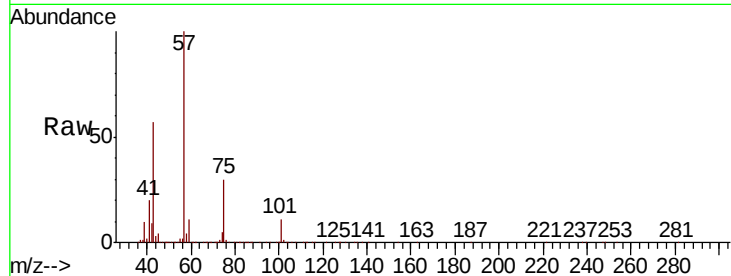
RT: 8.62 min Scan# 1224

Delta R.T. 0.18 min

Lab File: VX007299.D

Acq: 29 Jan 2019 20:08

Tot Ion:	75	Resp:	82896
Ion	Ratio	Lower	Upper
75	100		
77	0.4	26.2	39.2#
39	33.2	36.7	55.1#



#57

1,3-Dichloropropane

Concen: 2.182 ug/l

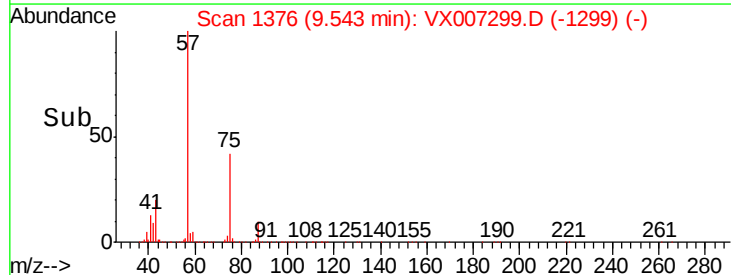
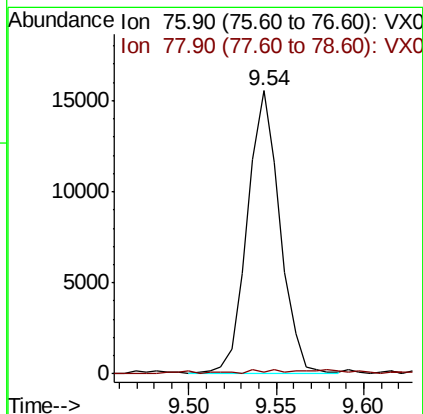
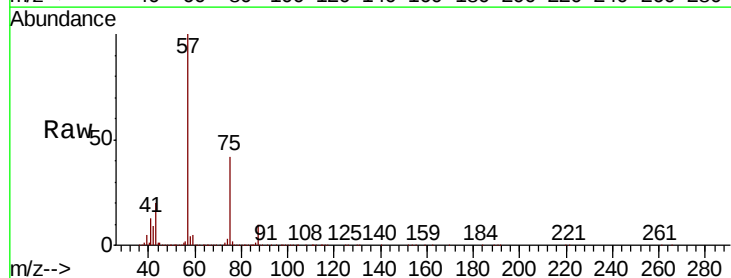
RT: 9.54 min Scan# 1376

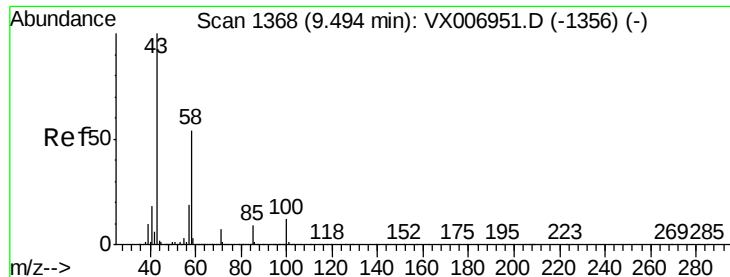
Delta R.T. 0.17 min

Lab File: VX007299.D

Acq: 29 Jan 2019 20:08

Tgt Ion:	76	Resp:	19863
Ion	Ratio	Lower	Upper
76	100		
78	1.1	26.0	39.0#





#59

2-Hexanone

Concen: 43.328 ug/l

RT: 9.54 min Scan# 1376

Delta R.T. 0.05 min

Lab File: VX007299.D

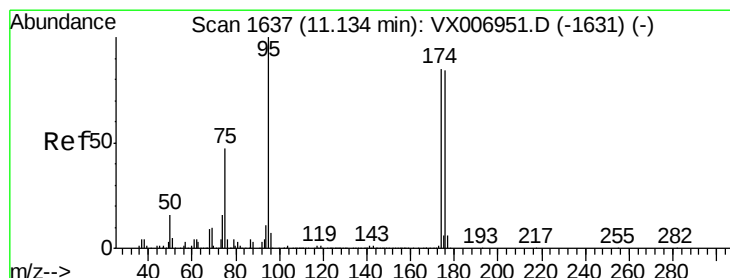
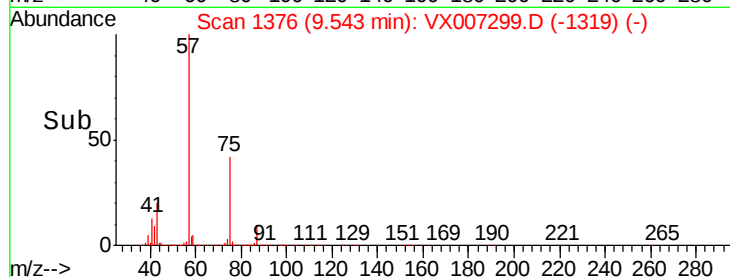
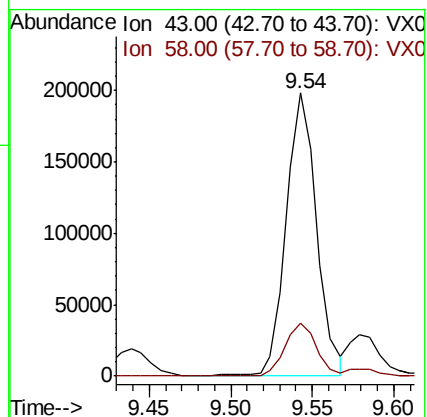
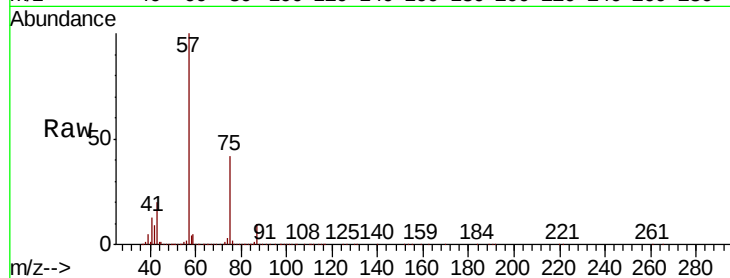
Acq: 29 Jan 2019 20:08

Tot Ion: 43 Resp: 253986

Ion Ratio Lower Upper

43 100

58 19.8 27.7 83.1#



#62

4-Bromofluorobenzene

Concen: 54.459 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007299.D

Acq: 29 Jan 2019 20:08

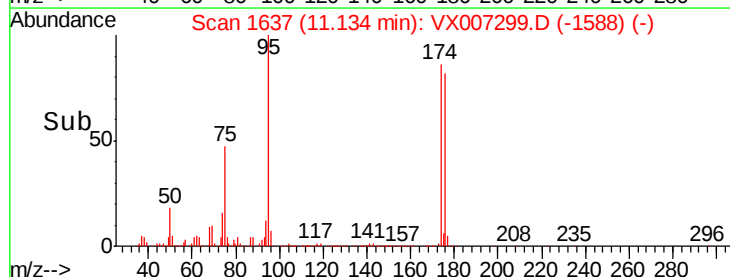
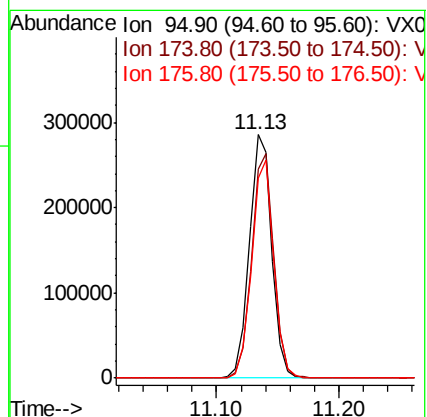
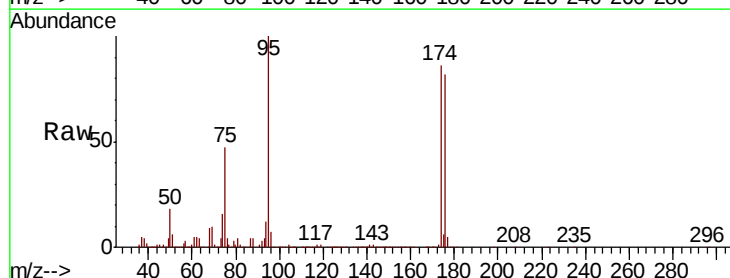
Tgt Ion: 95 Resp: 362304

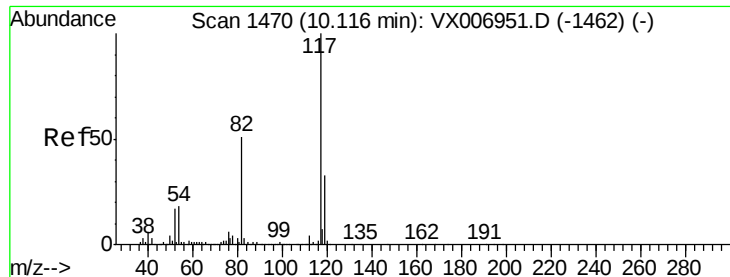
Ion Ratio Lower Upper

95 100

174 92.3 0.0 182.2

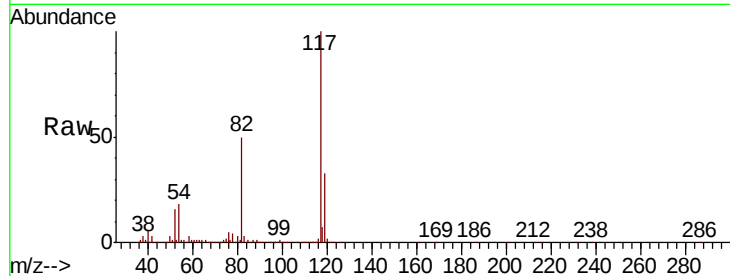
176 88.9 0.0 178.8



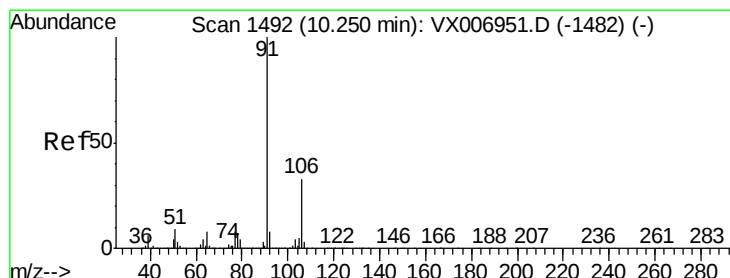
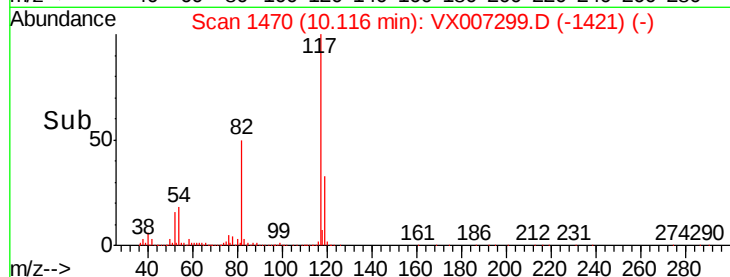
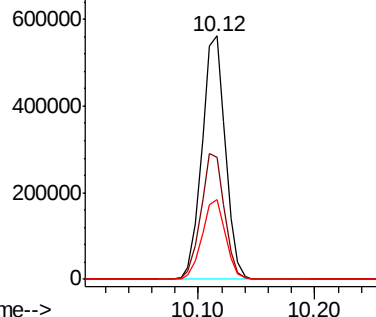


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX007299.D
Acq: 29 Jan 2019 20:08

Tot Ion:117 Resp: 786185
Ion Ratio Lower Upper
117 100
82 50.3 41.0 61.6
119 32.8 25.4 38.0

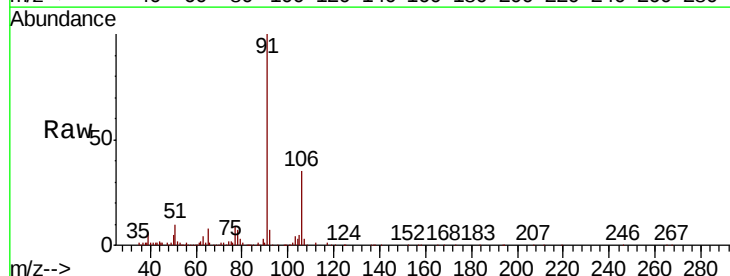


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

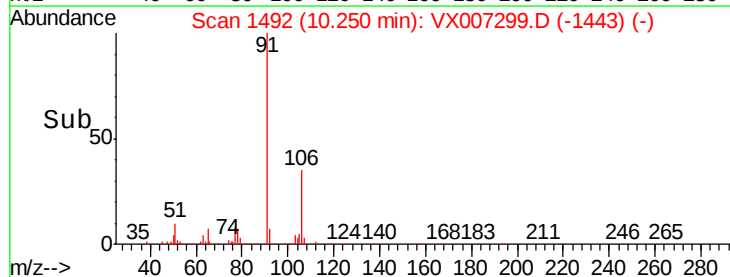
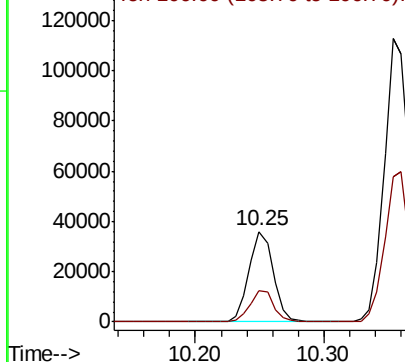


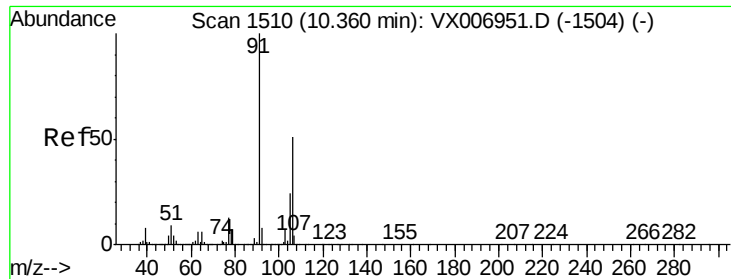
#67
Ethyl Benzene
Concen: 1.658 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX007299.D
Acq: 29 Jan 2019 20:08

Tgt Ion: 91 Resp: 46946
Ion Ratio Lower Upper
91 100
106 34.9 26.4 39.6



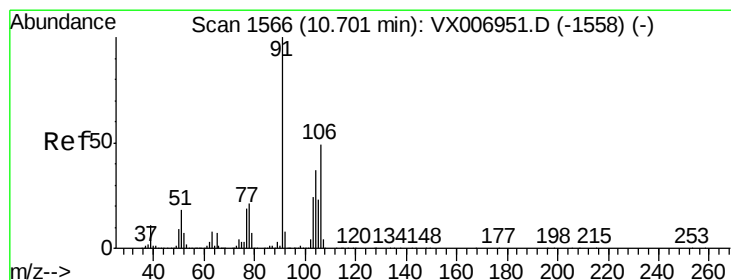
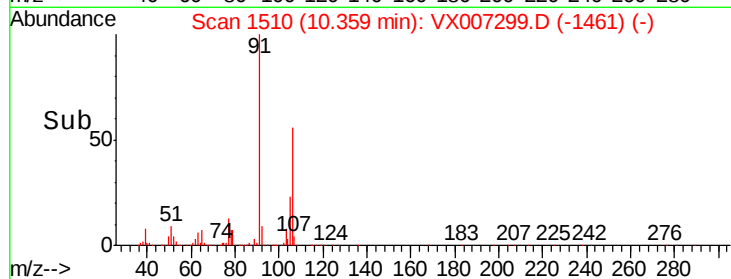
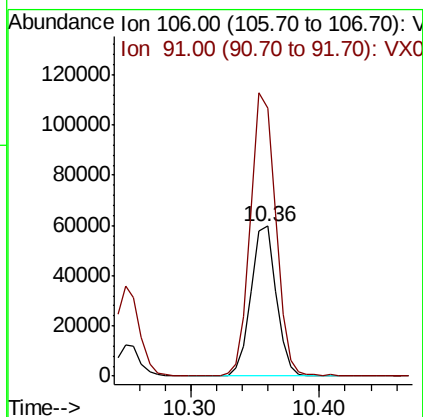
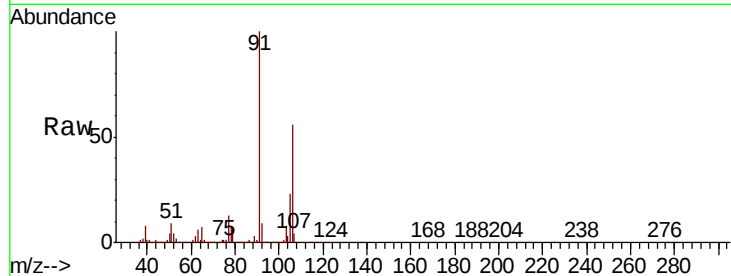
Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 106.00 (105.70 to 106.70): V





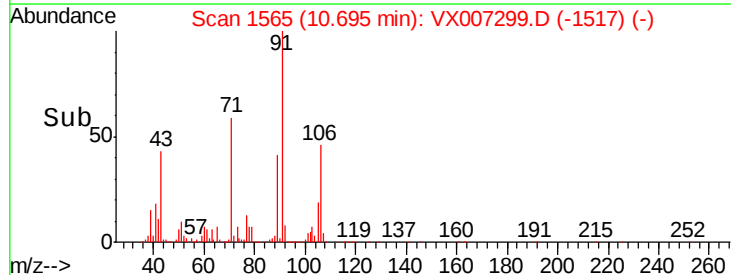
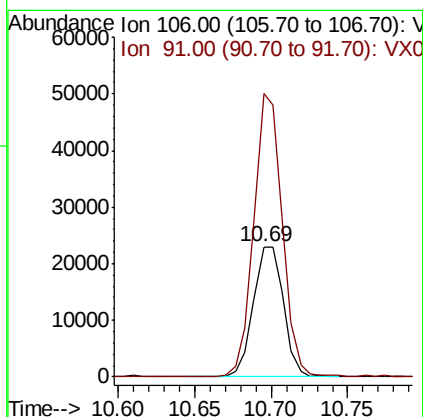
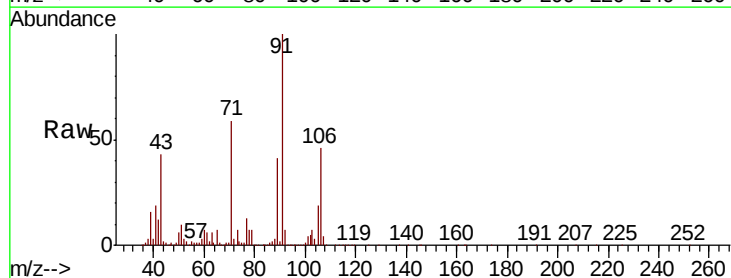
#68
m/p-Xylenes
Concen: 7.243 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX007299.D
Acq: 29 Jan 2019 20:08

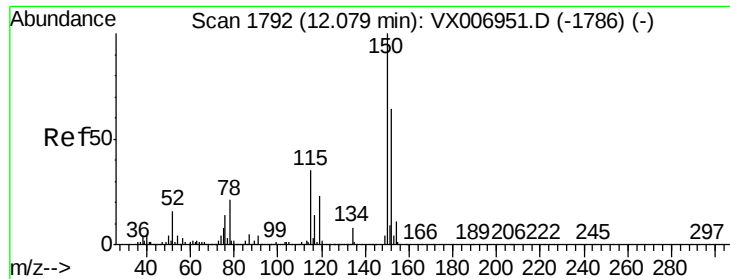
Tot Ion:106 Resp: 80780
Ion Ratio Lower Upper
106 100
91 187.8 155.8 233.6



#69
o-Xylene
Concen: 2.911 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX007299.D
Acq: 29 Jan 2019 20:08

Tgt Ion:106 Resp: 31667
Ion Ratio Lower Upper
106 100
91 206.1 101.3 303.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX007299.D

Acq: 29 Jan 2019 20:08

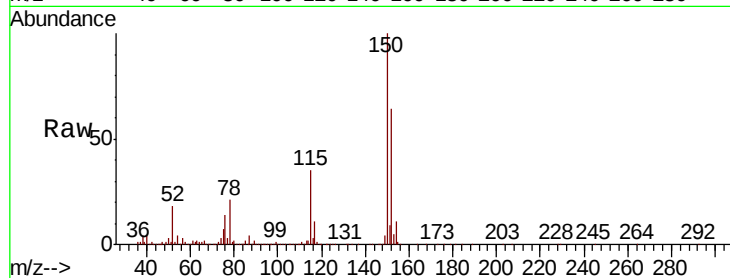
Tot Ion:152 Resp: 395588

Ion Ratio Lower Upper

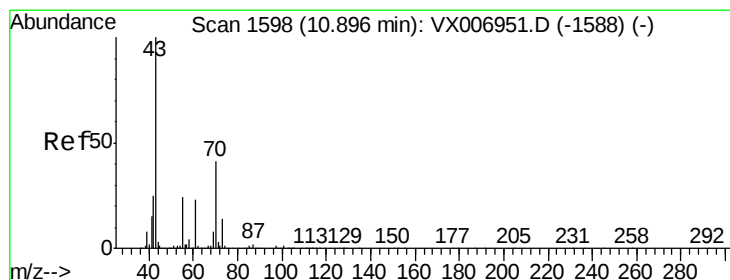
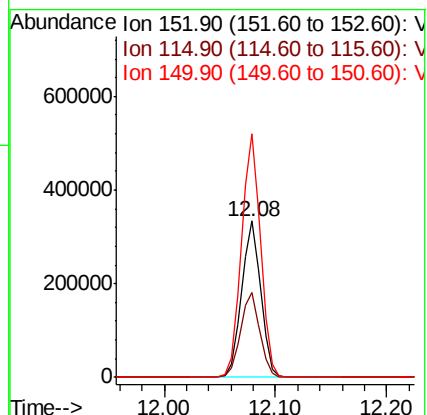
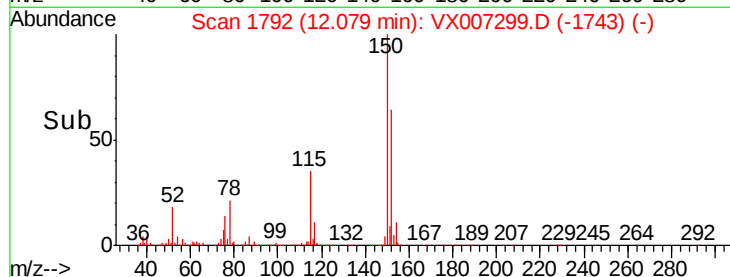
152 100

115 54.5 39.1 117.2

150 155.4 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



#74

N-ethyl acetate

Concen: 0.240 ug/l

RT: 10.91 min Scan# 1601

Delta R.T. 0.02 min

Lab File: VX007299.D

Acq: 29 Jan 2019 20:08

Tgt Ion: 43 Resp: 2691

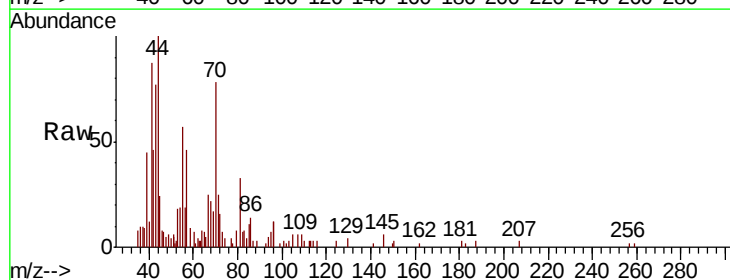
Ion Ratio Lower Upper

43 100

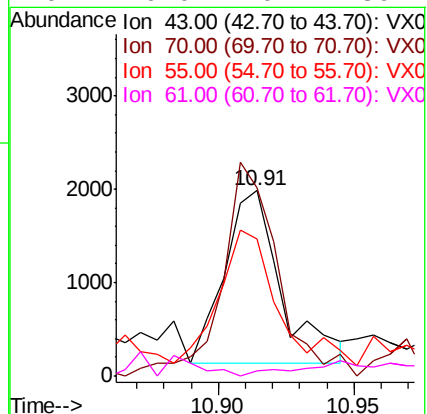
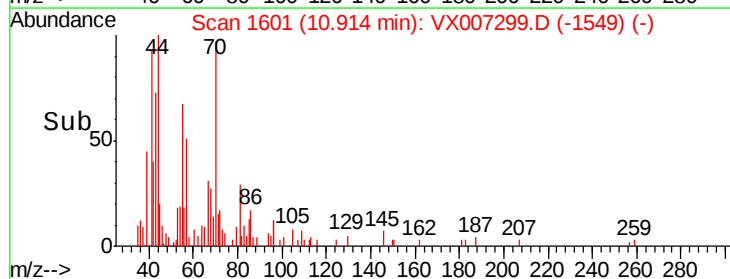
70 120.1 35.8 53.8#

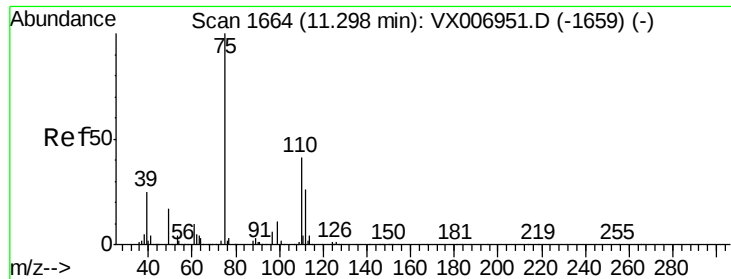
55 80.2 19.4 29.0#

61 0.0 20.1 30.1#



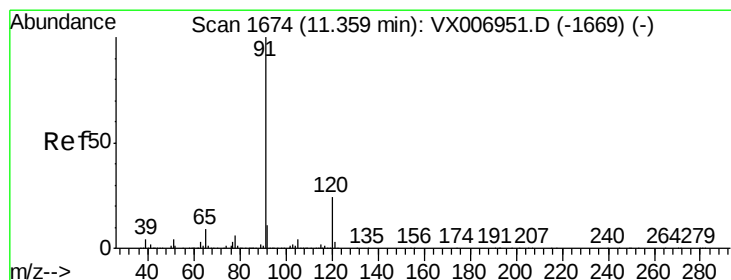
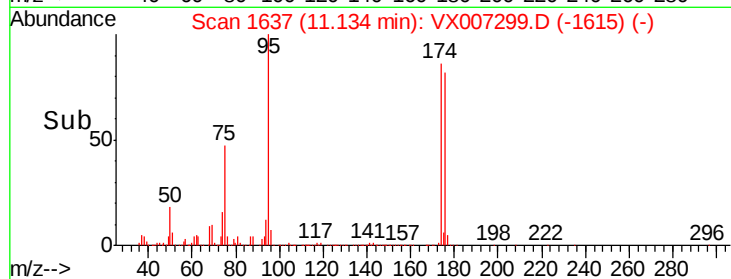
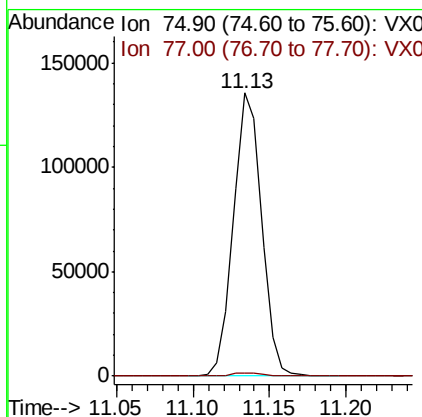
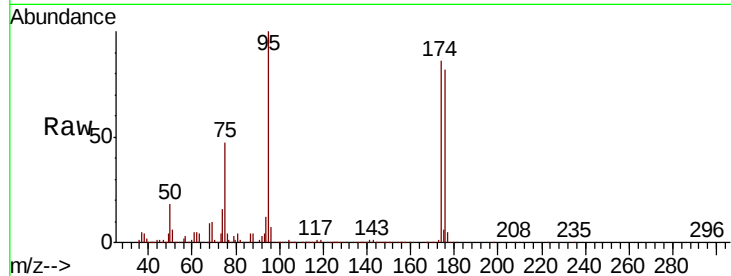
Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 70.00 (69.70 to 70.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 61.00 (60.70 to 61.70): VX0





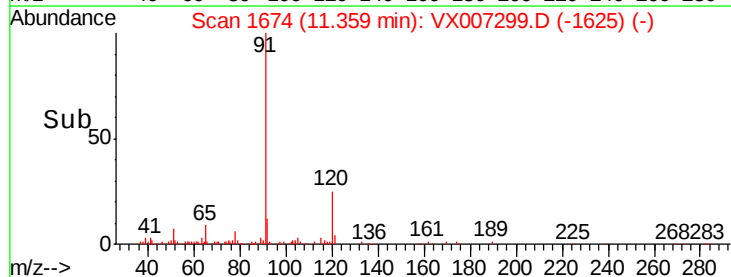
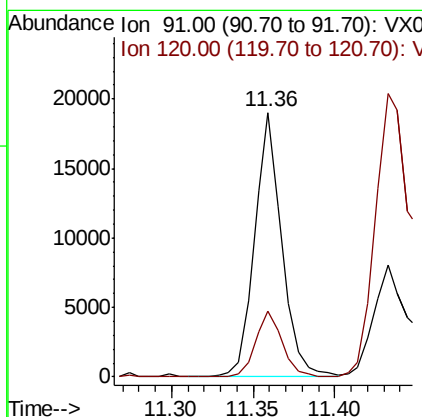
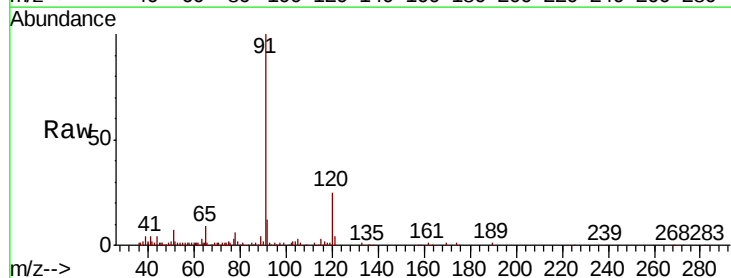
#76
 1,2,3-Trichloropropane
 Concen: 21.543 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX007299.D
 Acq: 29 Jan 2019 20:08

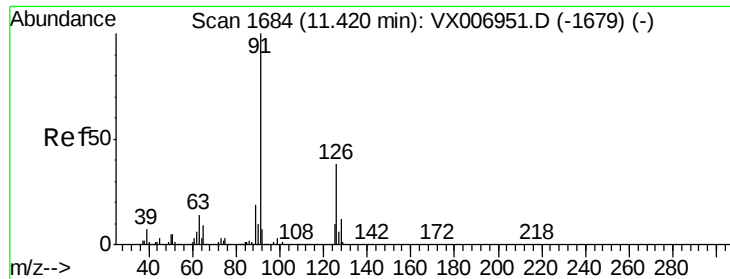
Tot Ion: 75 Resp: 172697
 Ion Ratio Lower Upper
 75 100
 77 1.5 18.5 55.5#



#78
 n-propylbenzene
 Concen: 0.720 ug/l
 RT: 11.36 min Scan# 1674
 Delta R.T. -0.00 min
 Lab File: VX007299.D
 Acq: 29 Jan 2019 20:08

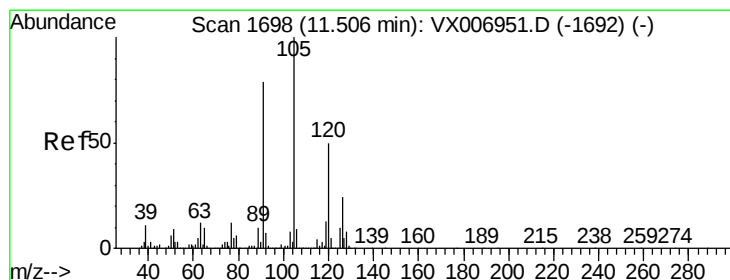
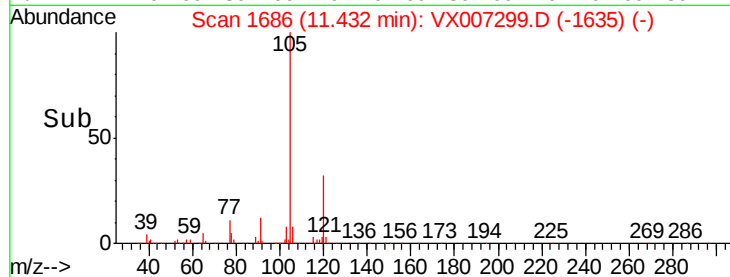
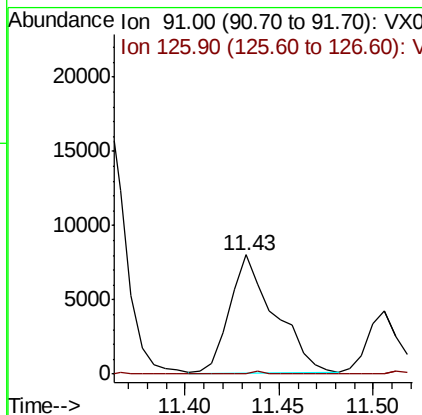
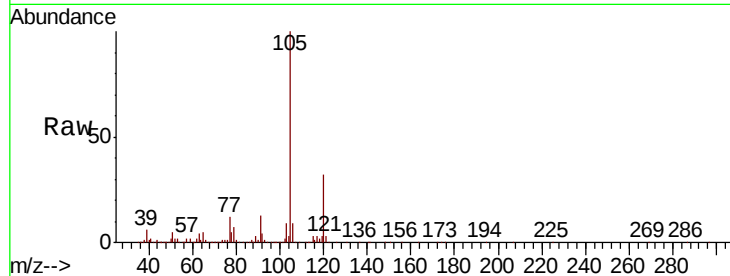
Tgt Ion: 91 Resp: 22062
 Ion Ratio Lower Upper
 91 100
 120 24.3 12.7 38.0





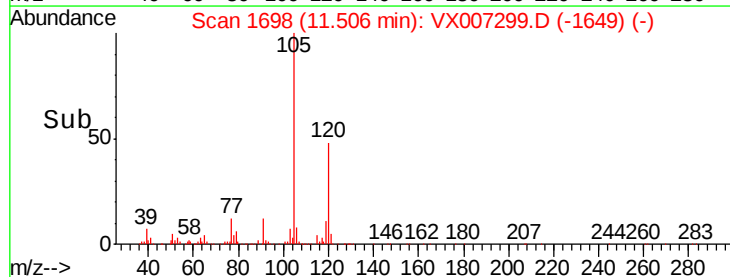
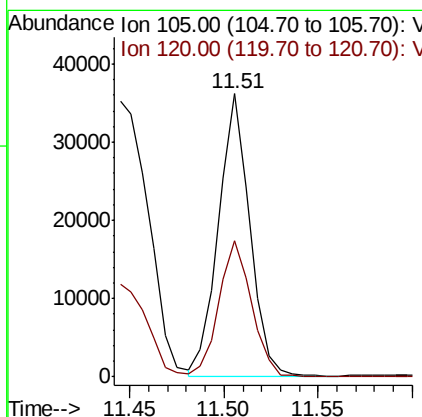
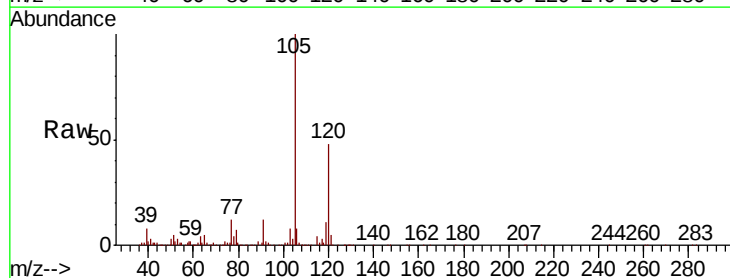
#79
2-Chlorotoluene
Concen: 0.717 ug/l
RT: 11.43 min Scan# 1686
Delta R.T. 0.01 min
Lab File: VX007299.D
Acq: 29 Jan 2019 20:08

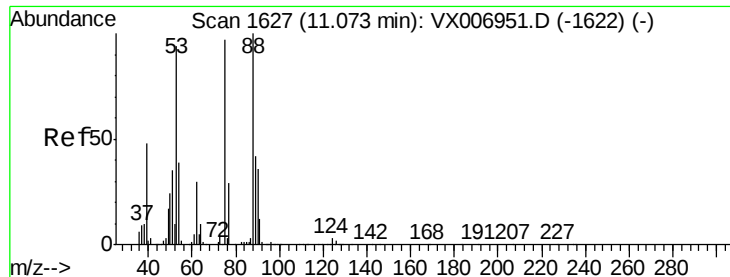
Tot Ion: 91 Resp: 13213
Ion Ratio Lower Upper
91 100
126 1.4 18.6 56.0#



#80
1,3,5-Trimethylbenzene
Concen: 1.790 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX007299.D
Acq: 29 Jan 2019 20:08

Tgt Ion:105 Resp: 41732
Ion Ratio Lower Upper
105 100
120 49.9 25.1 75.3





#81

trans-1,4-Dichloro-2-butene

Concen: 63.878 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX007299.D

Acq: 29 Jan 2019 20:08

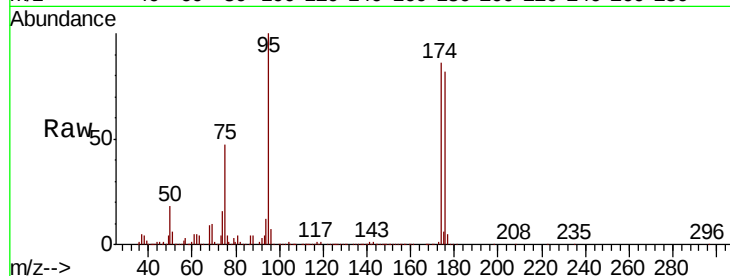
Tot Ion: 75 Resp: 172697

Ion Ratio Lower Upper

75 100

53 0.2 79.7 119.5#

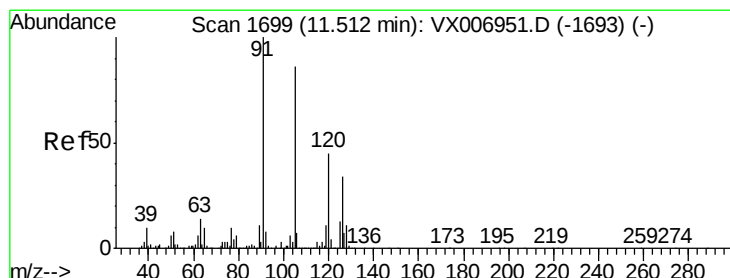
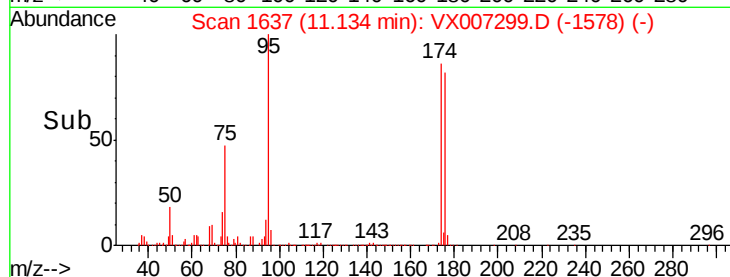
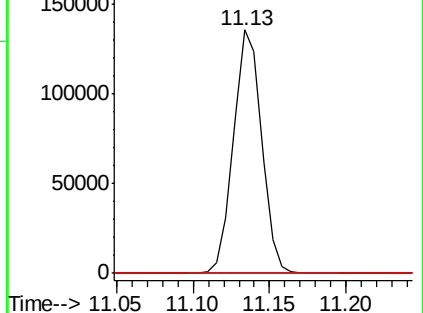
89 0.0 38.0 57.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 0.228 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX007299.D

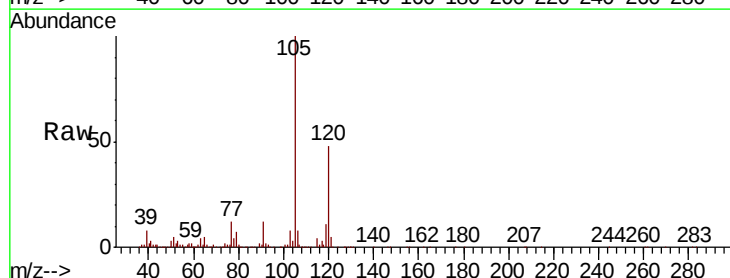
Acq: 29 Jan 2019 20:08

Tgt Ion: 91 Resp: 4866

Ion Ratio Lower Upper

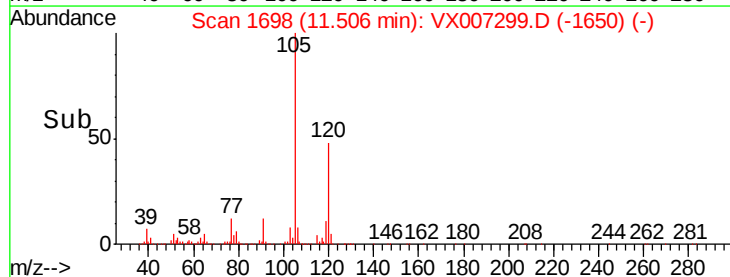
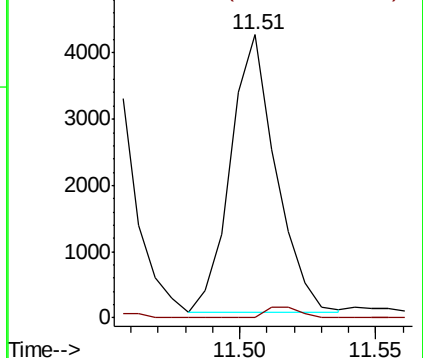
91 100

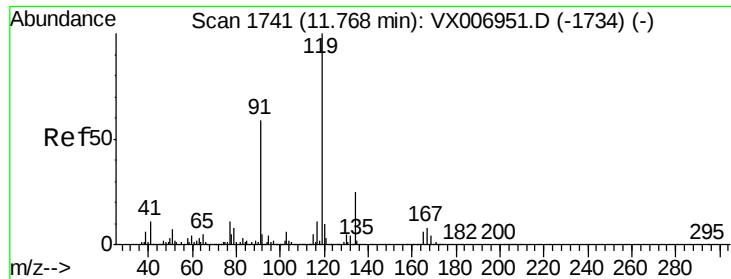
126 3.0 16.3 48.9#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 0.824 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.04 min

Lab File: VX007299.D

Acq: 29 Jan 2019 20:08

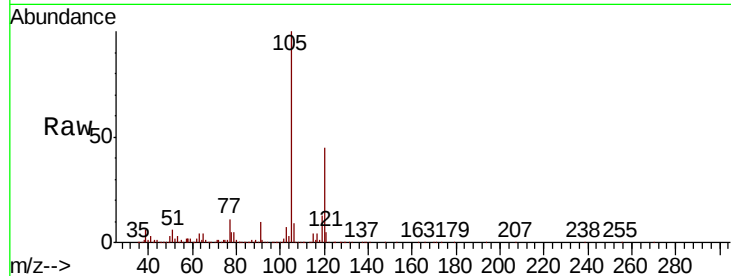
Tot Ion:119 Resp: 19162

Ion Ratio Lower Upper

119 100

91 77.9 27.7 83.1

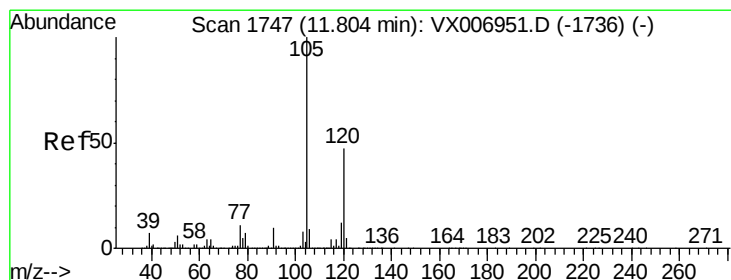
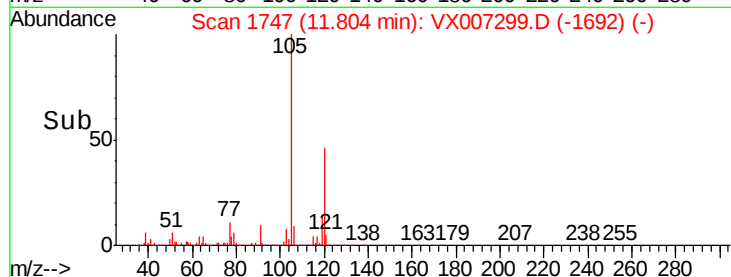
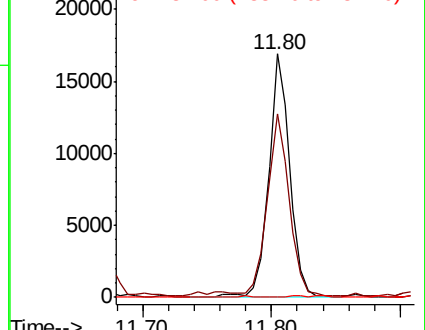
134 0.6 11.9 35.5#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 6.584 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX007299.D

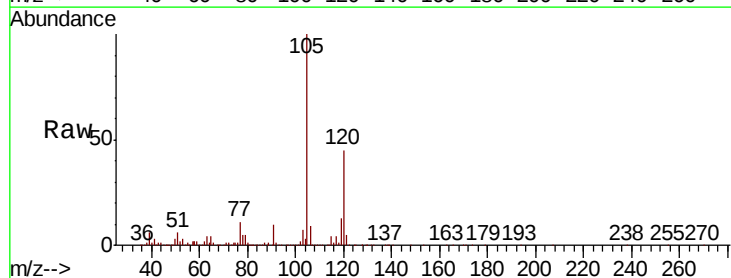
Acq: 29 Jan 2019 20:08

Tgt Ion:105 Resp: 154318

Ion Ratio Lower Upper

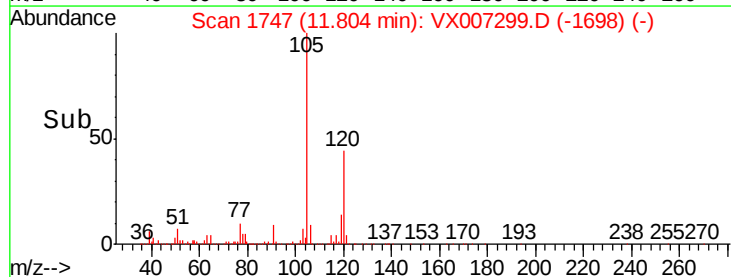
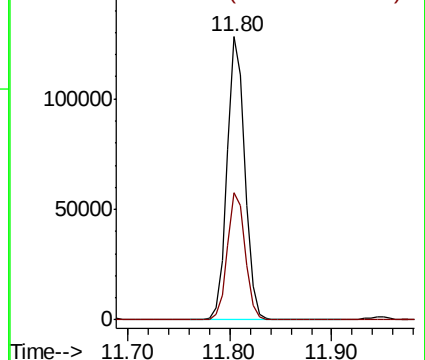
105 100

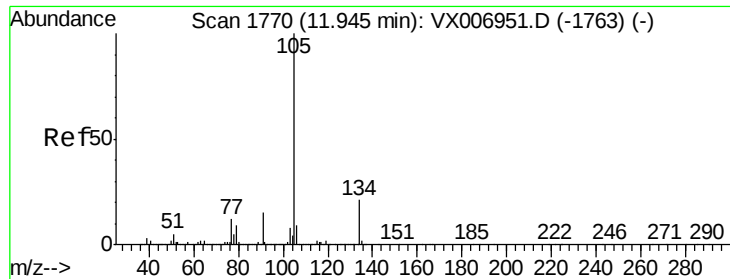
120 45.4 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 5.556 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.14 min

Lab File: VX007299.D

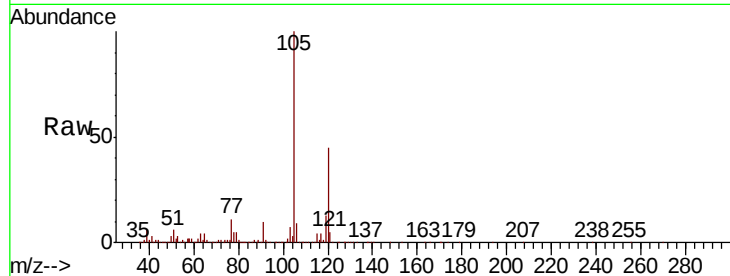
Acq: 29 Jan 2019 20:08

Tot Ion:105 Resp: 154318

Ion Ratio Lower Upper

105 100

134 0.1 10.7 31.9#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

150000

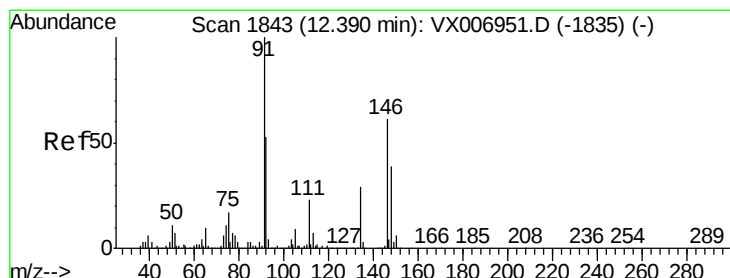
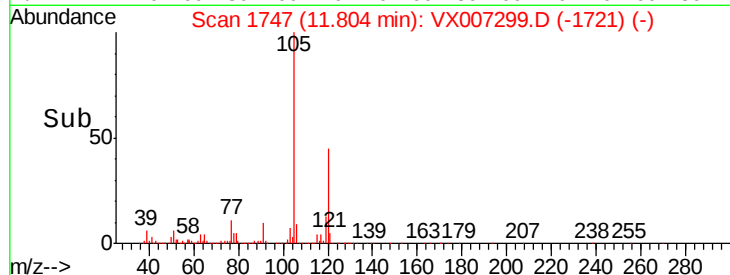
11.80

100000

50000

0

Time--> 11.70 11.80 11.90



#89

n-Butylbenzene

Concen: 0.270 ug/l

RT: 12.38 min Scan# 1841

Delta R.T. -0.01 min

Lab File: VX007299.D

Acq: 29 Jan 2019 20:08

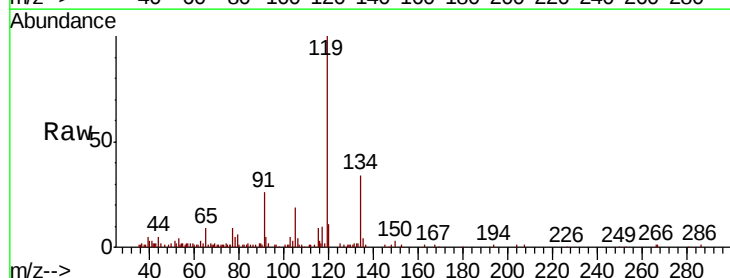
Tgt Ion: 91 Resp: 5727

Ion Ratio Lower Upper

91 100

92 27.3 26.8 80.4

134 132.5 14.4 43.2#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V

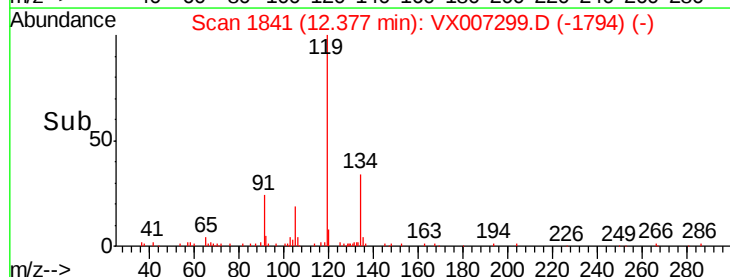
6000

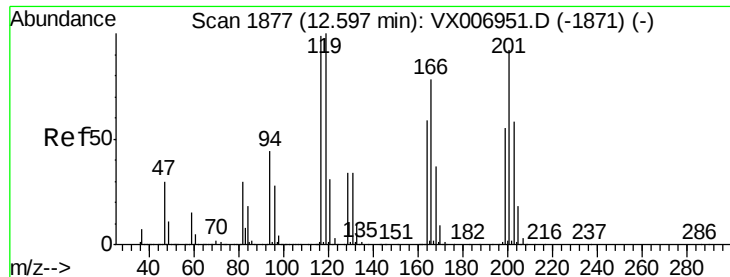
4000

2000

0

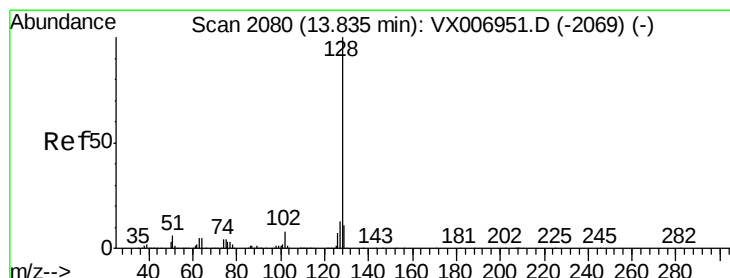
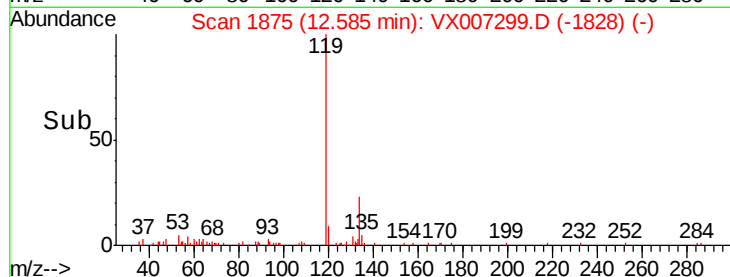
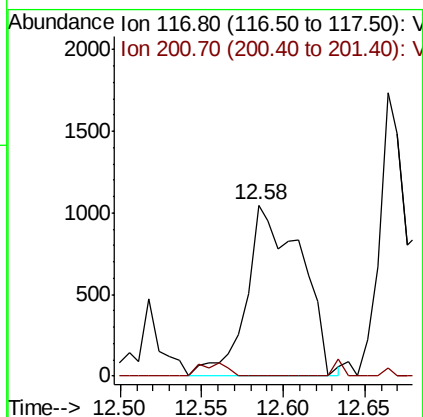
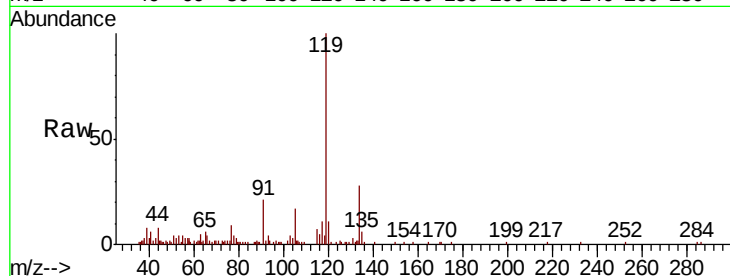
Time--> 12.30 12.35 12.40 12.45





#90
Hexachloroethane
Concen: 3.490 ug/l
RT: 12.58 min Scan# 1875
Delta R.T. -0.01 min
Lab File: VX007299.D
Acq: 29 Jan 2019 20:08

Tot Ion:117 Resp: 2450
Ion Ratio Lower Upper
117 100
201 0.0 42.9 128.7#



#95
Naphthalene
Concen: 1.902 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX007299.D
Acq: 29 Jan 2019 20:08

Tgt Ion:128 Resp: 54206
Ion Ratio Lower Upper
128 100
127 13.7 10.1 15.1
129 12.6 8.6 13.0

