

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 03:24:10 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

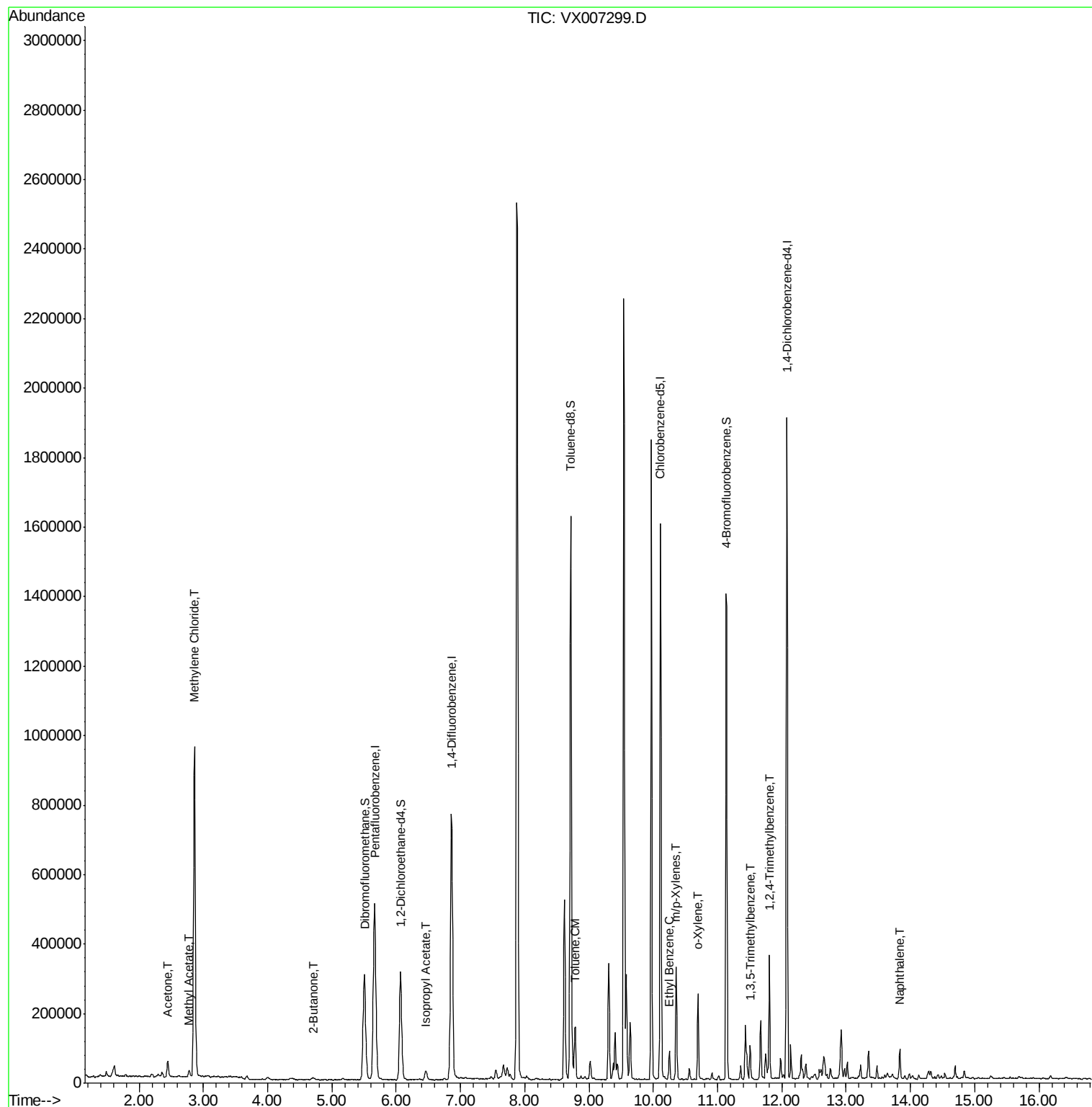
System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	281367	51.45	ug/l	0.00
Spiked Amount			Recovery	=	102.90%	
35) Dibromofluoromethane	5.51	113	252648	48.46	ug/l	0.00
Spiked Amount			Recovery	=	96.92%	
50) Toluene-d8	8.71	98	995160	52.15	ug/l	0.00
Spiked Amount			Recovery	=	104.30%	
62) 4-Bromofluorobenzene	11.13	95	362304	54.46	ug/l	0.00
Spiked Amount			Recovery	=	108.92%	

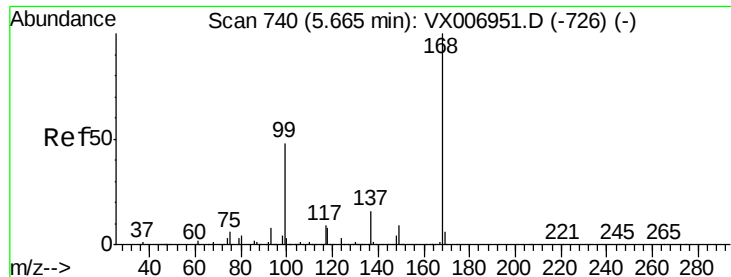
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	49880	18.449	ug/l	99
18) Methyl Acetate	2.78	43	23488	3.000	ug/l	93
20) Methylene Chloride	2.86	84	444691	86.892	ug/l	97
25) 2-Butanone	4.70	43	10942	2.828	ug/l	92
43) Isopropyl Acetate	6.46	43	33807	2.824	ug/l	98
52) Toluene	8.79	92	56392	4.062	ug/l	97
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
80) 1,3,5-Trimethylbenzene	11.51	105	41732	1.790	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	154318	6.584	ug/l	98
95) Naphthalene	13.83	128	54206	1.902	ug/l	96

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

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Quant Title : SW846 8260
QLast Update : Tue Jan 08 14:06:59 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007299.D

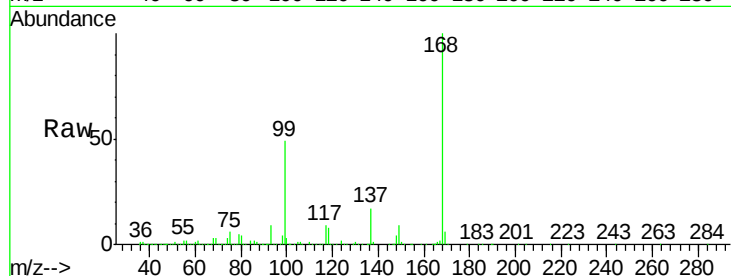
Acq: 29 Jan 2019 20:08

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

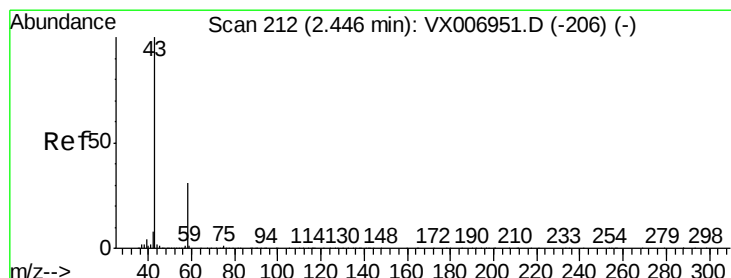
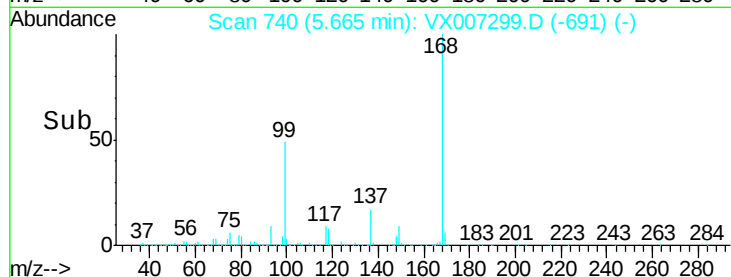
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 18.449 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007299.D

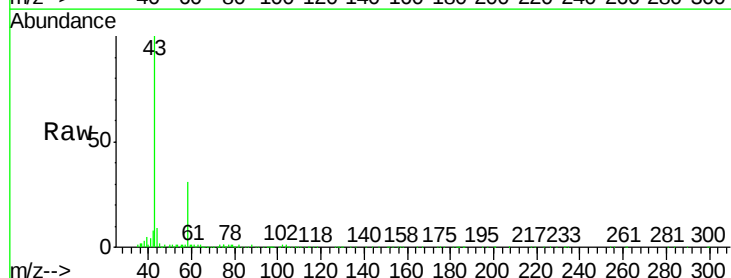
Acq: 29 Jan 2019 20:08

Tgt Ion: 43 Resp: 49880

Ion Ratio Lower Upper

43 100

58 30.6 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

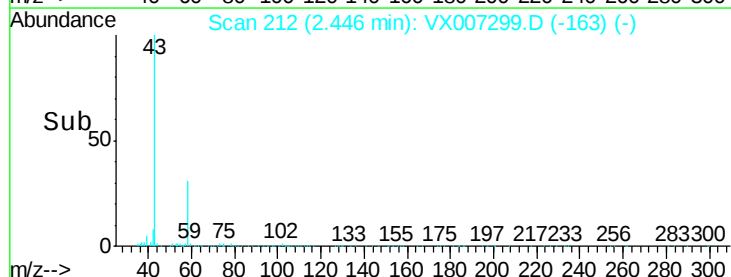
30000

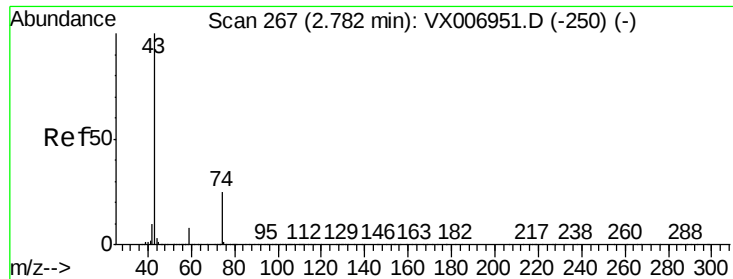
20000

10000

0

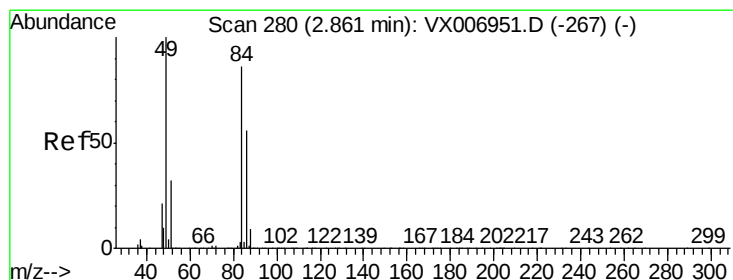
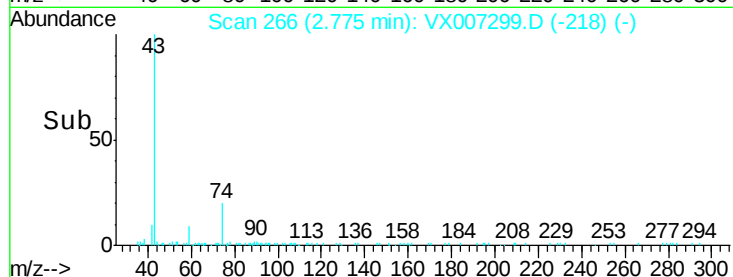
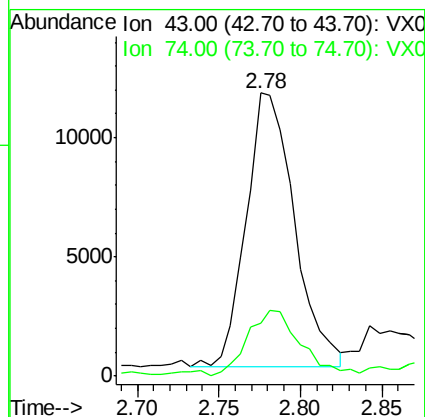
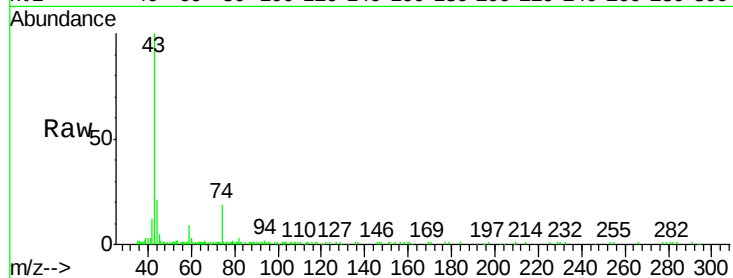
Time--> 2.35 2.40 2.45 2.50 2.55





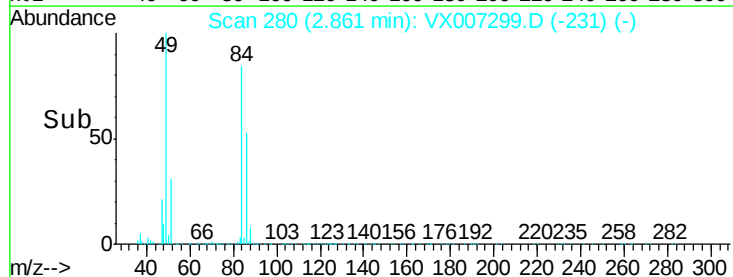
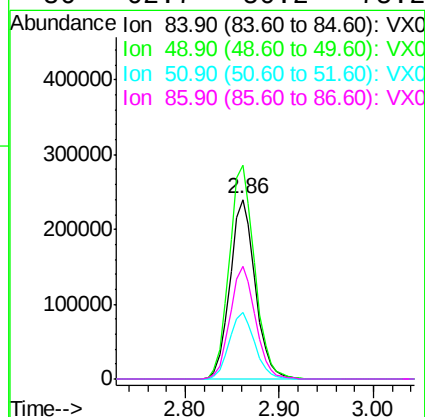
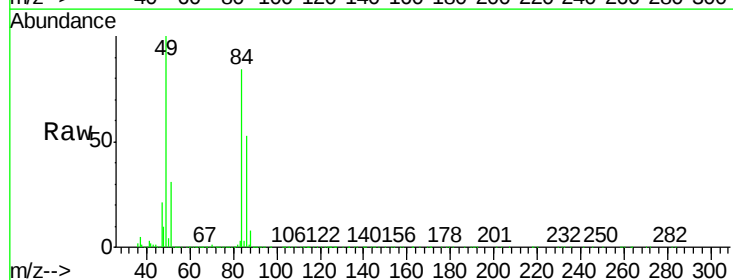
#18
Methyl Acetate
Concen: 3.000 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX007299.D
Acq: 29 Jan 2019 20:08

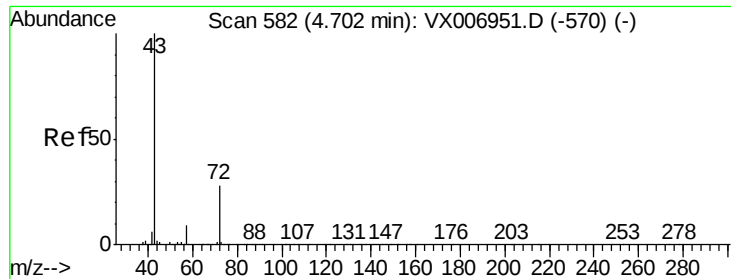
Tot Ion: 43 Resp: 23488
Ion Ratio Lower Upper
43 100
74 26.7 18.6 28.0



#20
Methylene 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

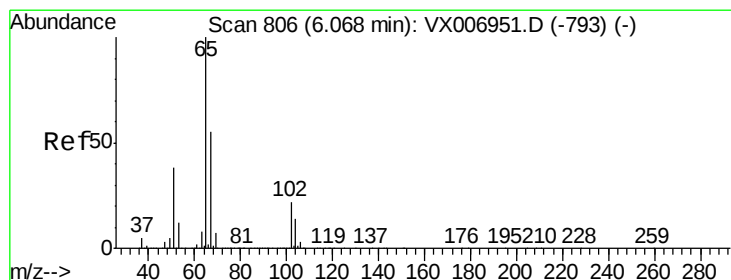
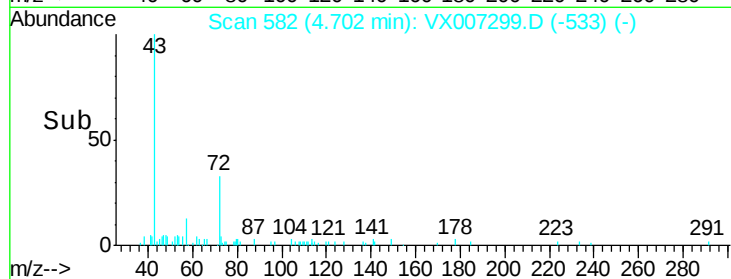
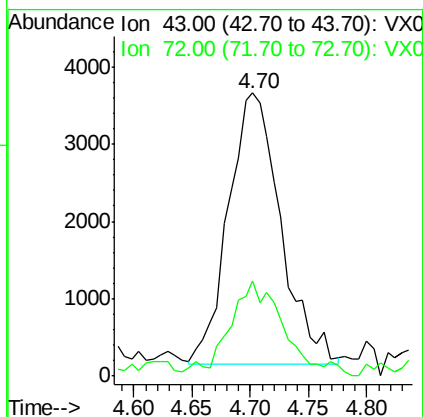
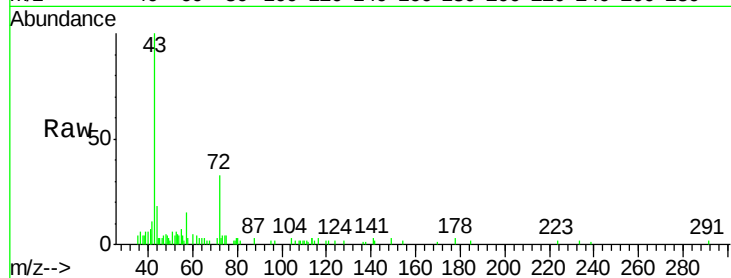
Tgt Ion: 84 Resp: 444691
Ion Ratio Lower Upper
84 100
49 119.1 91.8 137.6
51 36.9 28.5 42.7
86 62.7 50.2 75.2





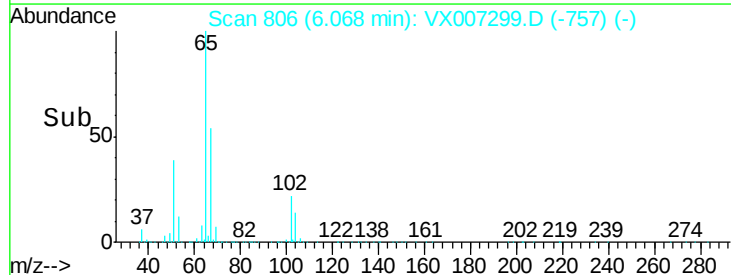
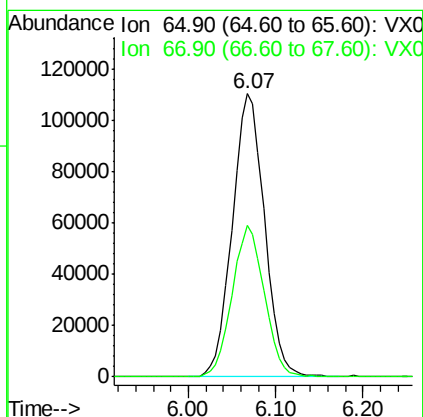
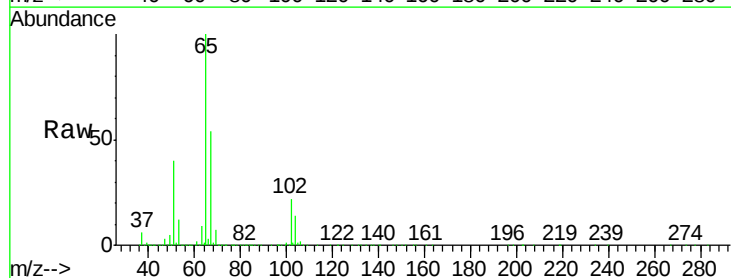
#25
2-Butanone
Concen: 2.828 ug/l
RT: 4.70 min Scan# 582
Delta R.T. -0.00 min
Lab File: VX007299.D
Acq: 29 Jan 2019 20:08

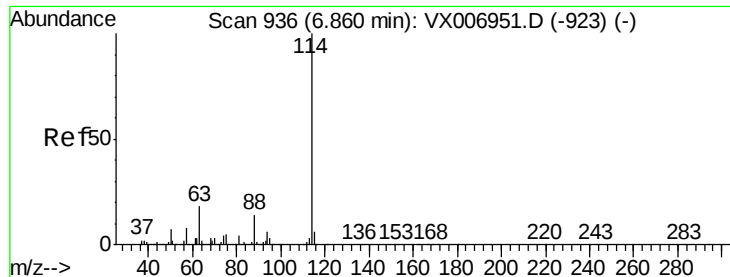
Tot Ion: 43 Resp: 10942
Ion Ratio Lower Upper
43 100
72 32.3 22.4 33.6



#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





#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

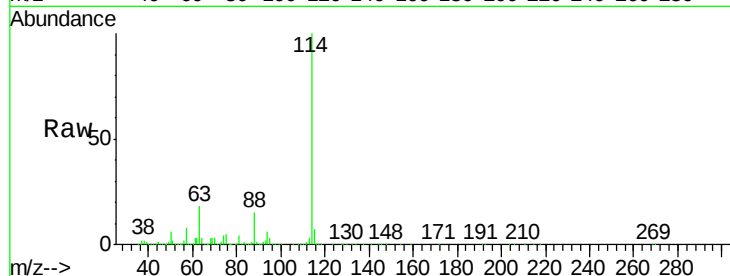
Tot Ion:114 Resp: 814108

Ion Ratio Lower Upper

114 100

63 18.3 0.0 34.8

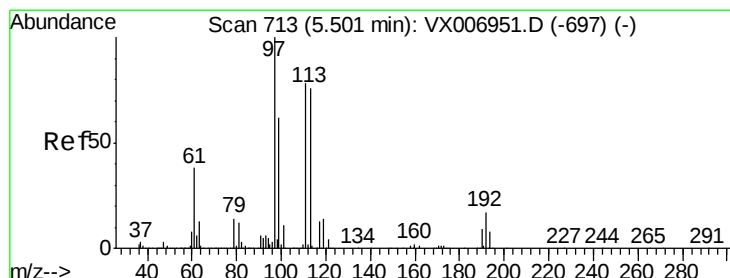
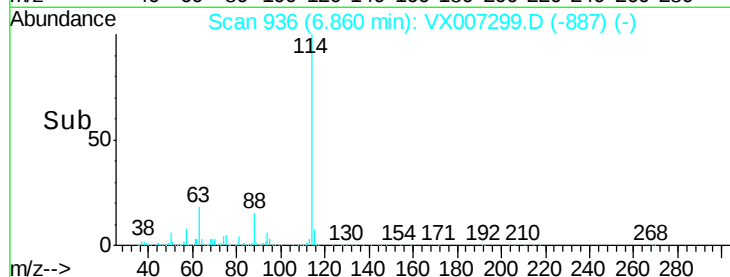
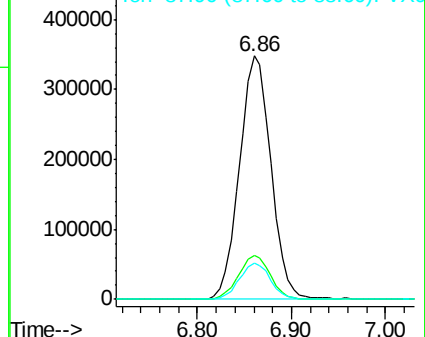
88 14.7 0.0 28.8



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

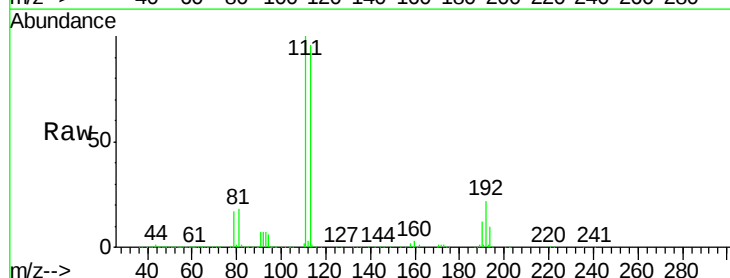
Tgt Ion:113 Resp: 252648

Ion Ratio Lower Upper

113 100

111 104.1 81.6 122.4

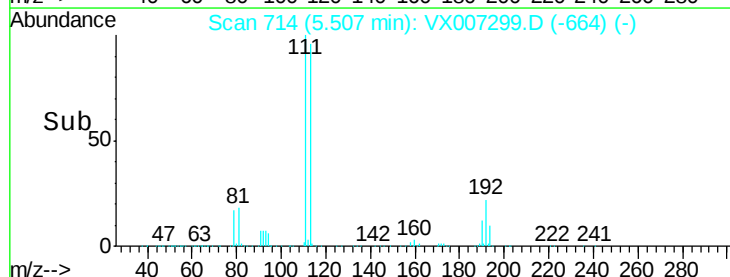
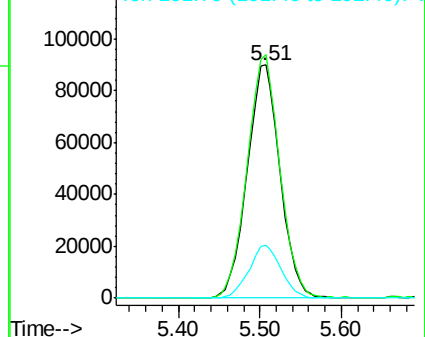
192 22.4 16.7 25.1

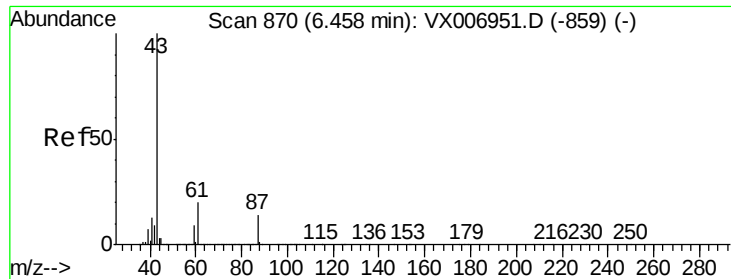


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.824 ug/l

RT: 6.46 min Scan# 871

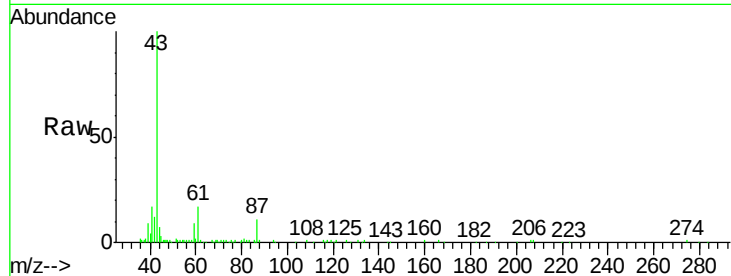
Delta R.T. 0.01 min

Lab File: VX007299.D

Acq: 29 Jan 2019 20:08

Tot Ion: 43 Resp: 33807

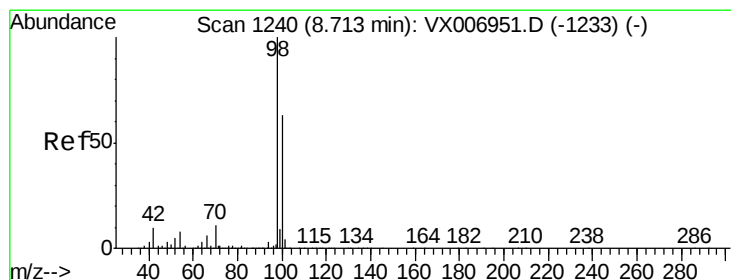
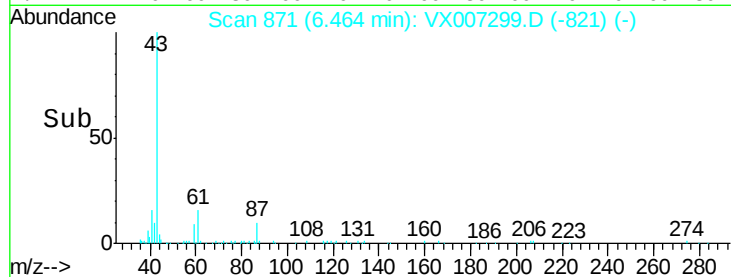
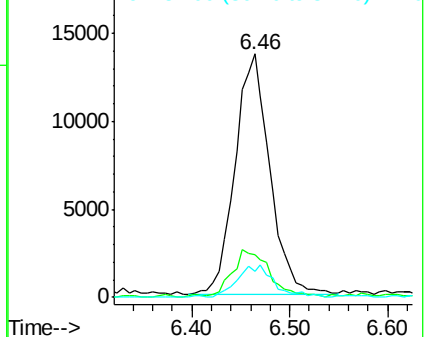
Ion	Ratio	Lower	Upper
43	100		
61	21.2	16.8	25.2
87	14.2	12.4	18.6



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



#50

Toluene-d8

Concen: 52.149 ug/l

RT: 8.71 min Scan# 1240

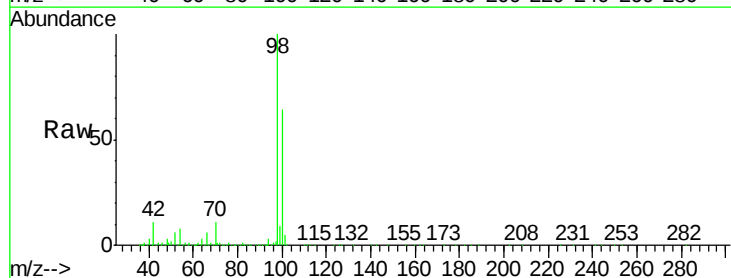
Delta R.T. -0.00 min

Lab File: VX007299.D

Acq: 29 Jan 2019 20:08

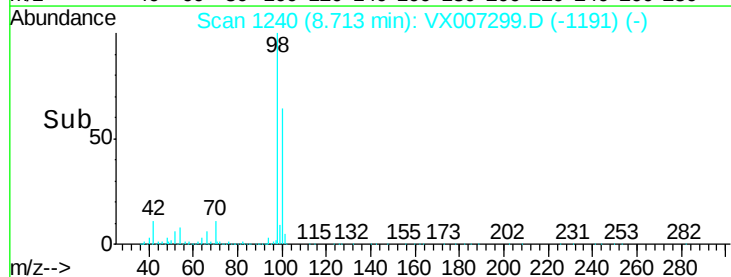
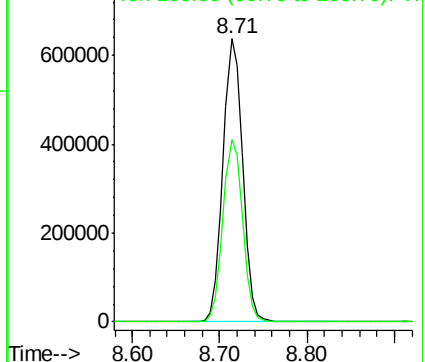
Tgt Ion: 98 Resp: 995160

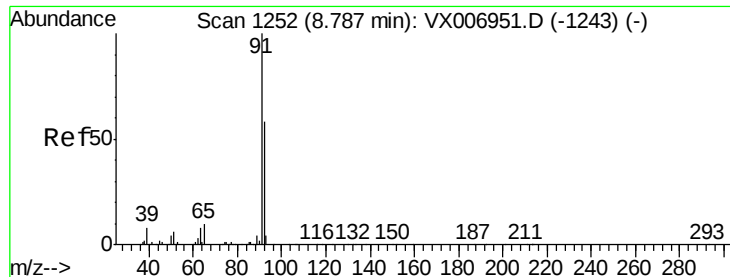
Ion	Ratio	Lower	Upper
98	100		
100	64.5	52.0	78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#52

Toluene

Concen: 4.062 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX007299.D

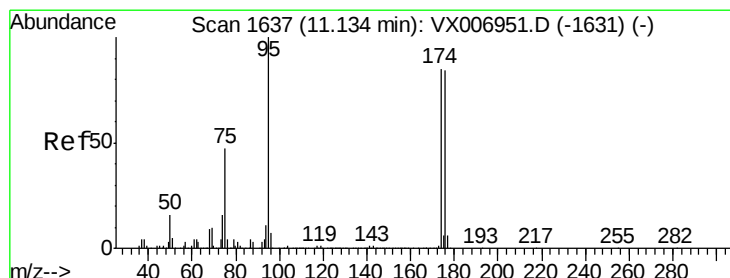
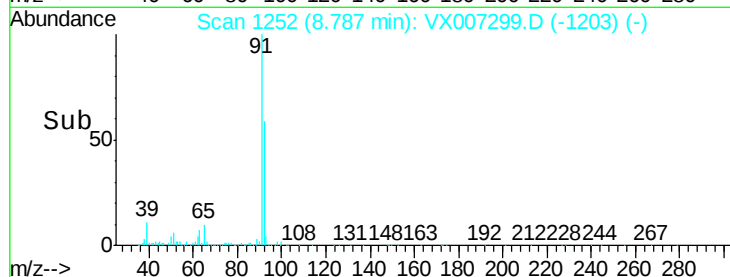
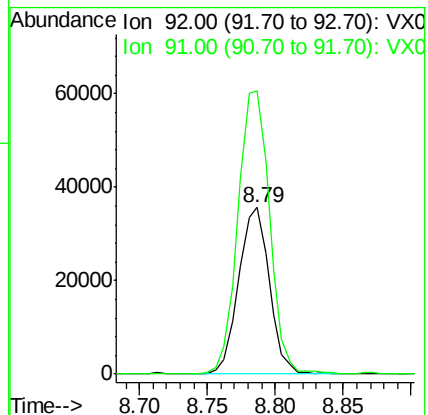
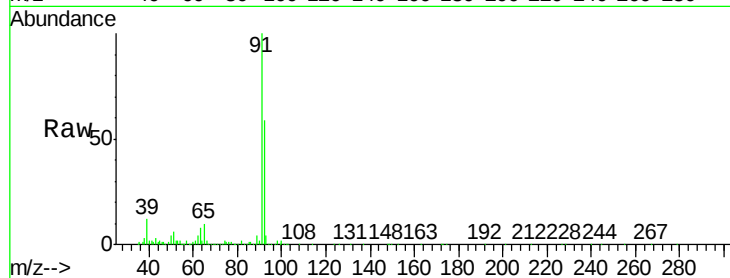
Acq: 29 Jan 2019 20:08

Tot Ion: 92 Resp: 56392

Ion Ratio Lower Upper

92 100

91 175.5 137.6 206.4



#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

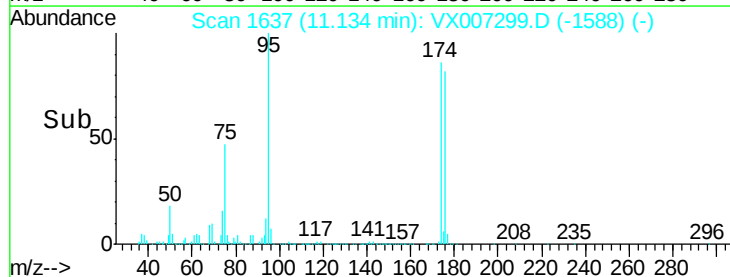
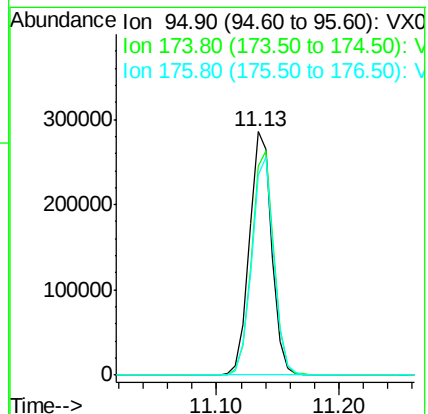
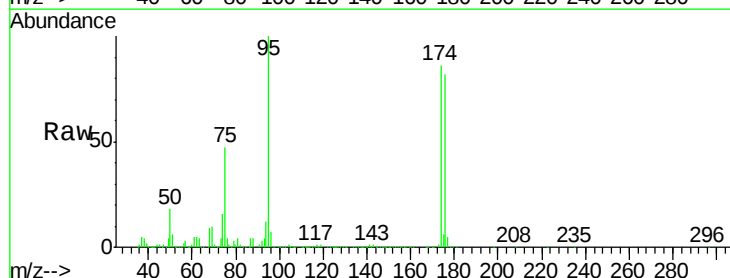
Tgt Ion: 95 Resp: 362304

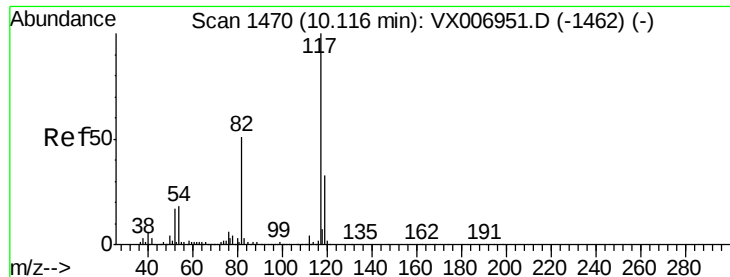
Ion Ratio Lower Upper

95 100

174 92.3 0.0 182.2

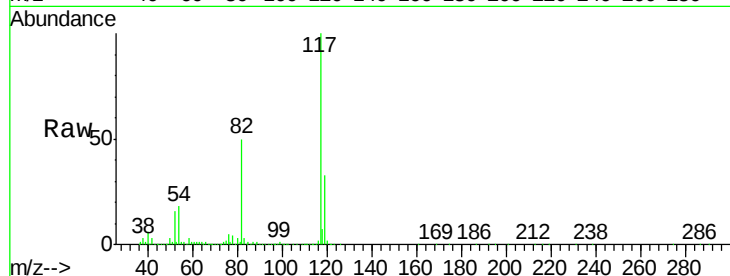
176 88.9 0.0 178.8



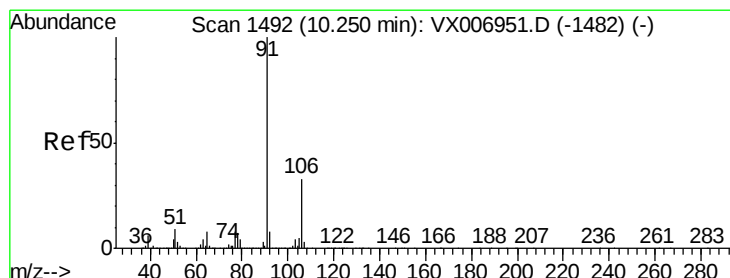
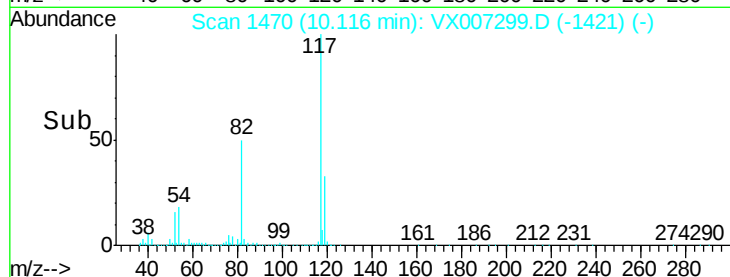
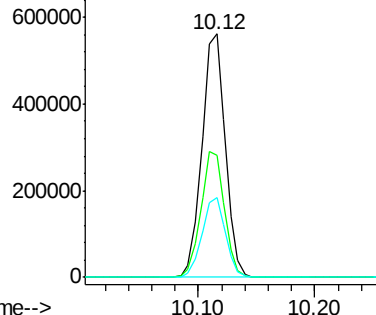


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX007299.D
Acq: 29 Jan 2019 20:08

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

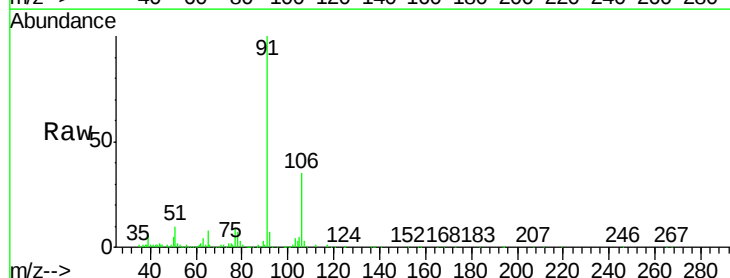


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

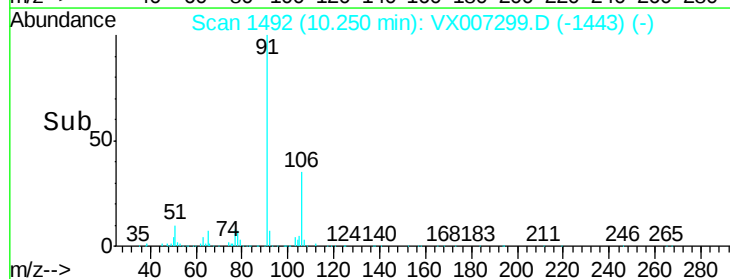
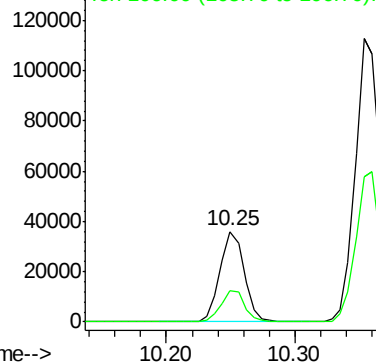


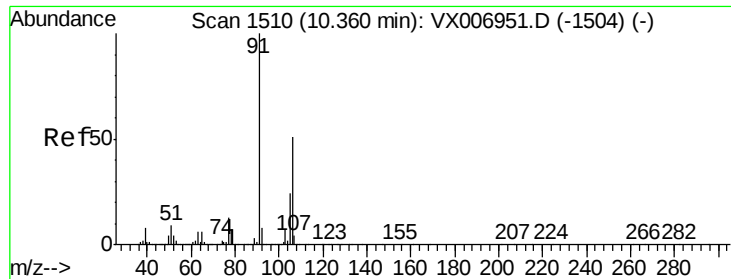
#67
Ethyl Benzene
Concen: 1.658 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX007299.D
Acq: 29 Jan 2019 20:08

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



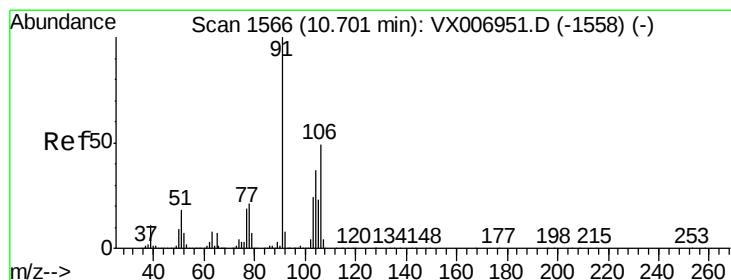
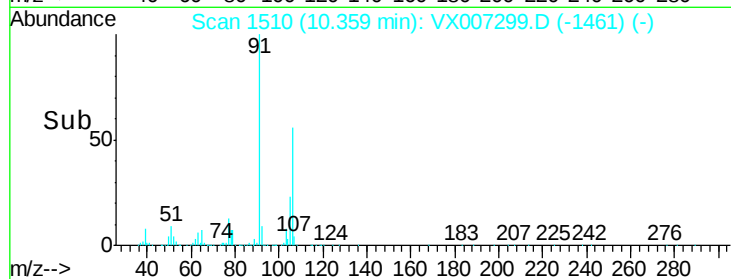
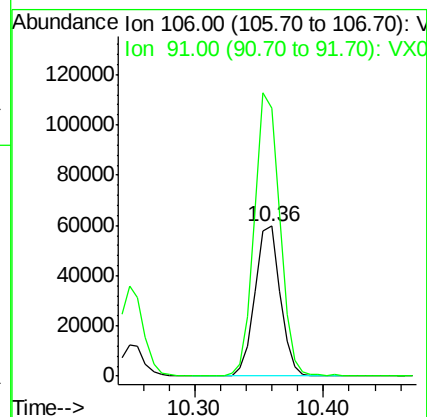
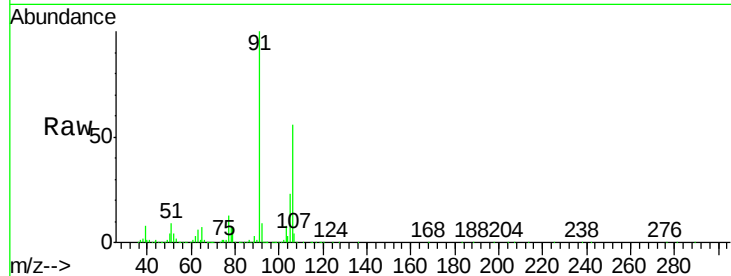
Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 106.00 (105.70 to 106.70): V





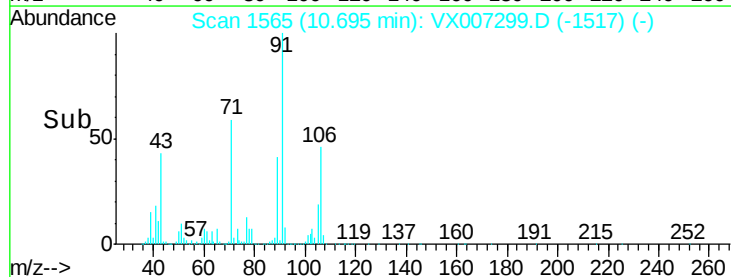
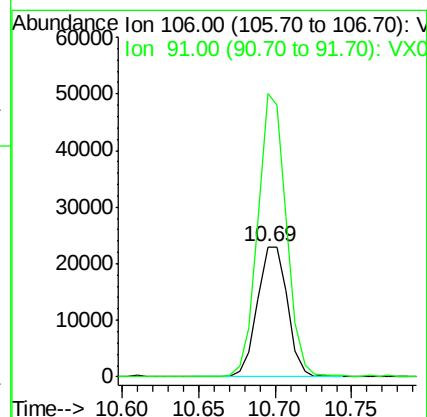
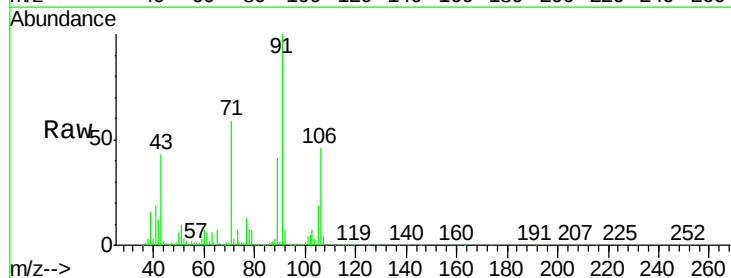
#68
m/p-Xylenes
Concen: 7.243 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX007299.D
Acq: 29 Jan 2019 20:08

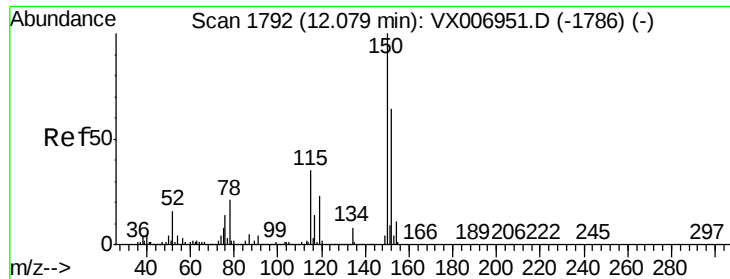
Tot Ion:106 Resp: 80780
Ion Ratio Lower Upper
106 100
91 187.8 155.8 233.6



#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

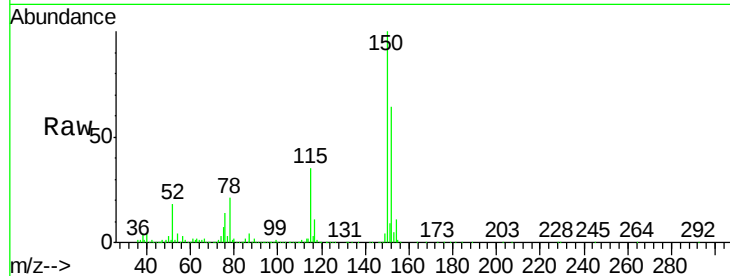




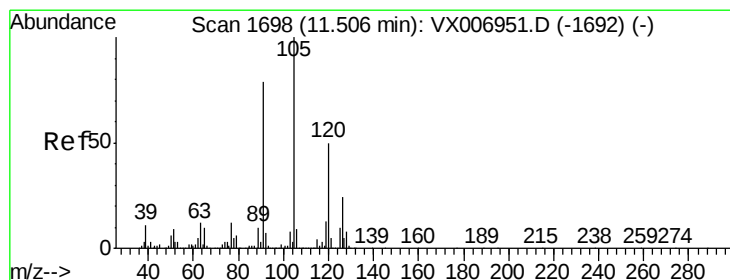
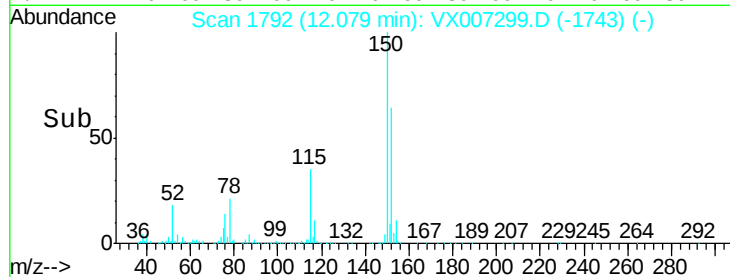
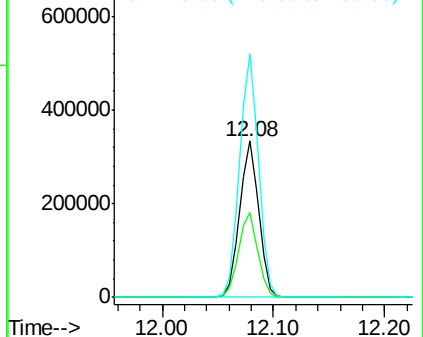
#72

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	Ratio	Lower	Upper
152	100		
115	54.5	39.1	117.2
150	155.4	0.0	344.8



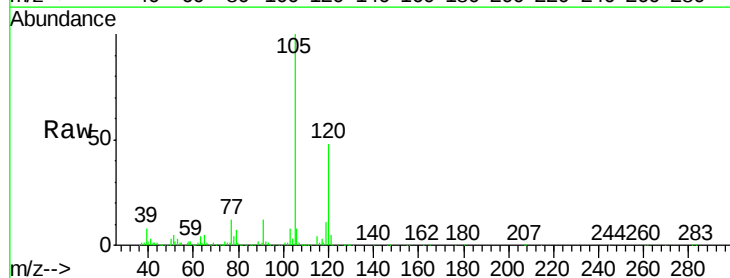
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



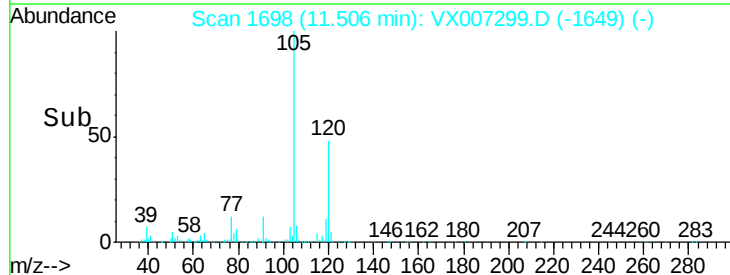
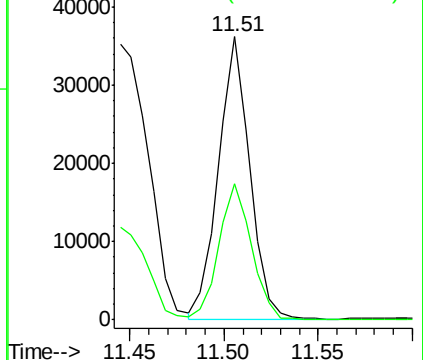
#80

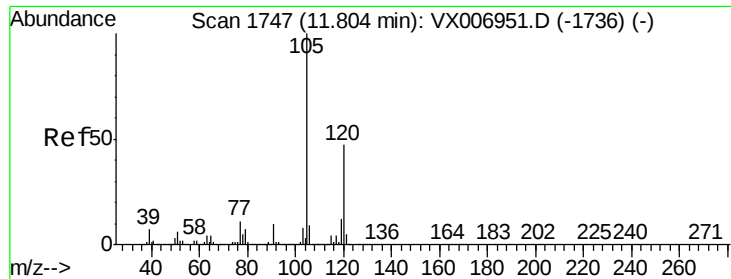
1,3,5-Trimethylbenzene
Concen: 1.790 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX007299.D
Acq: 29 Jan 2019 20:08

Tgt Ion	Ratio	Lower	Upper
105	100		
120	49.9	25.1	75.3



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

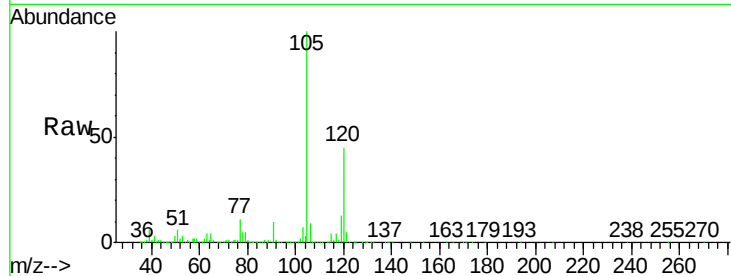




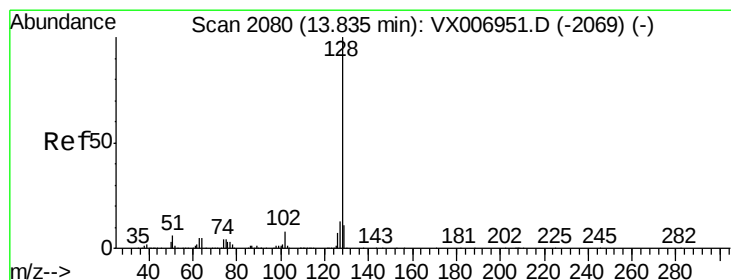
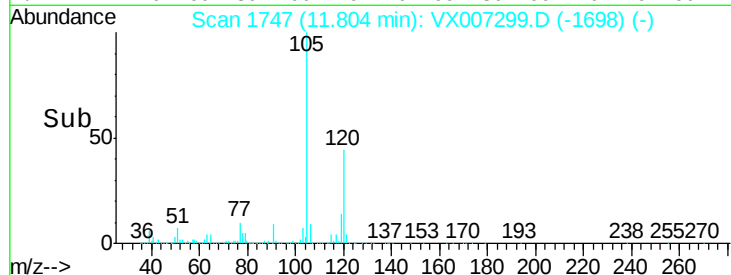
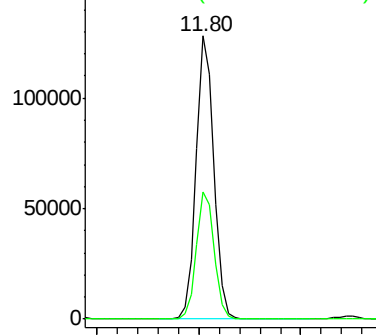
#84

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

Tot Ion	Ratio	Lower	Upper
105	100		
120	45.4	23.2	69.6



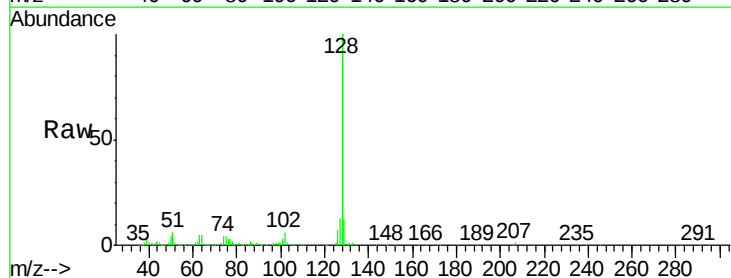
Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V



#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	Ratio	Lower	Upper
128	100		
127	13.7	10.1	15.1
129	12.6	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

