

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073019\
 Data File : VX011237.D
 Acq On : 31 Jul 2019 08:28
 Operator : JC/SP
 Sample : K4044-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-1

Quant Time: Jul 31 10:12:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 24 05:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	226862	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	324087	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	298627	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	137076	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	110715	45.87	ug/l	0.00
Spiked Amount			Recovery	=	91.74%	
35) Dibromofluoromethane	5.50	113	96565	46.94	ug/l	0.00
Spiked Amount			Recovery	=	93.88%	
50) Toluene-d8	8.71	98	386479	50.09	ug/l	0.00
Spiked Amount			Recovery	=	100.18%	
62) 4-Bromofluorobenzene	11.13	95	127694	45.03	ug/l	0.00
Spiked Amount			Recovery	=	90.06%	

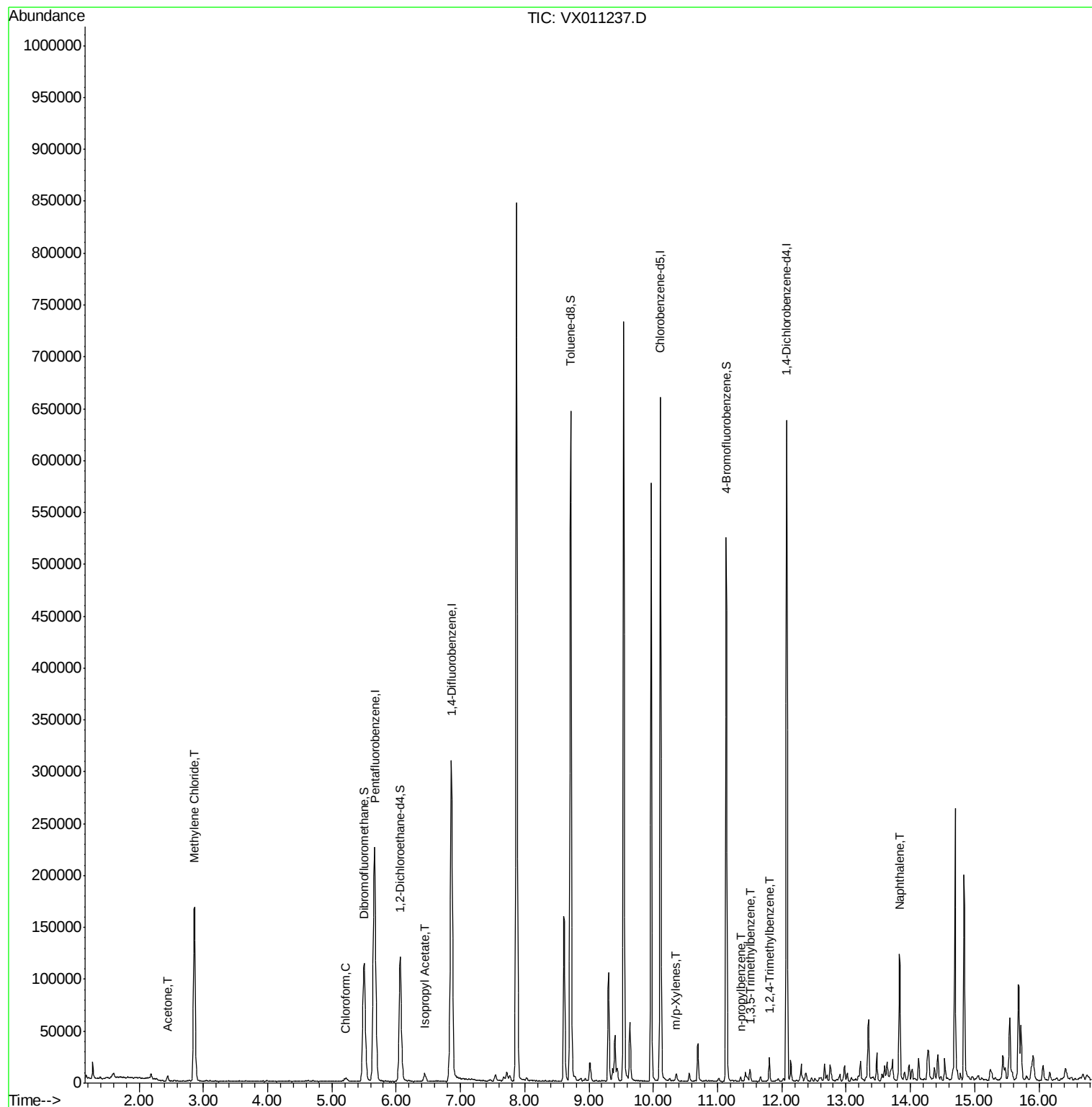
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	5011	4.597	ug/l	98
20) Methylene Chloride	2.86	84	83500	36.147	ug/l	98
30) Chloroform	5.20	83	4073	1.048	ug/l #	75
43) Isopropyl Acetate	6.45	43	10277	2.293	ug/l	97
68) m/p-Xylenes	10.35	106	1613	0.403	ug/l	92
78) n-propylbenzene	11.36	91	2731	0.267	ug/l	84
80) 1,3,5-Trimethylbenzene	11.51	105	4685	0.605	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	9694	1.243	ug/l	98
95) Naphthalene	13.83	128	76725	8.725	ug/l	100

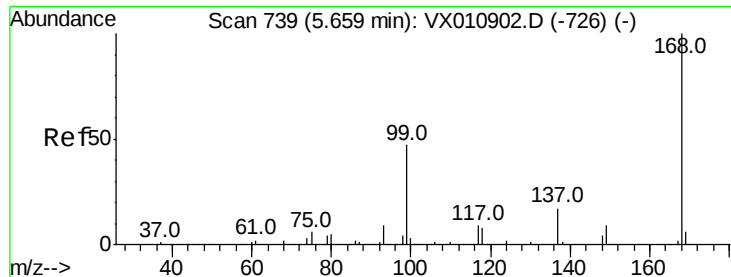
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073019\
Data File : VX011237.D
Acq On : 31 Jul 2019 08:28
Operator : JC/SP
Sample : K4044-10
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 55 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TP-1

Quant Time: Jul 31 10:12:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 24 05:39:23 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX011237.D

Acq: 31 Jul 2019 08:28

Instrument :

MSVOA_X

ClientSampled :

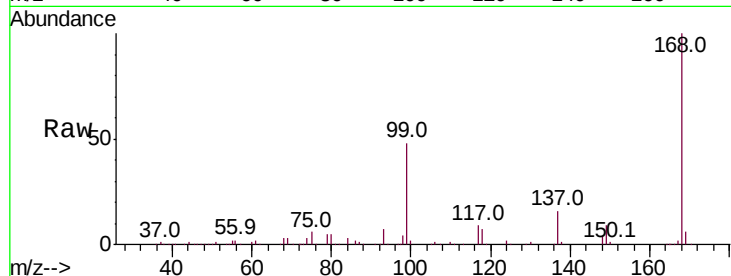
TP-1

Tot Ion:168 Resp: 226862

Ion Ratio Lower Upper

168 100

99 47.8 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

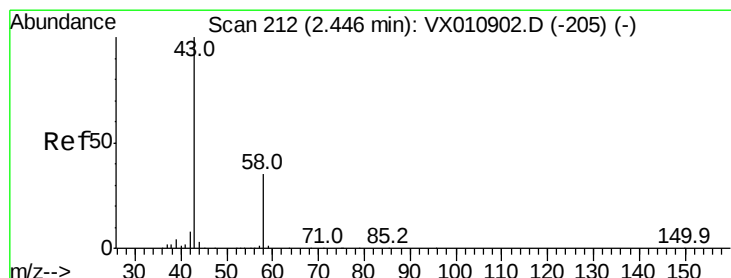
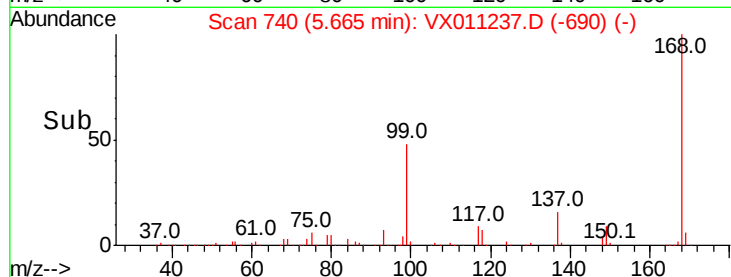
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 4.597 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX011237.D

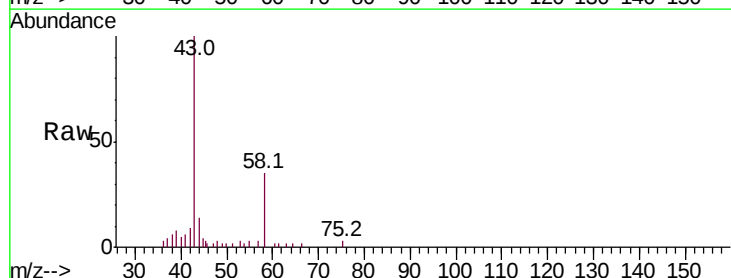
Acq: 31 Jul 2019 08:28

Tgt Ion: 43 Resp: 5011

Ion Ratio Lower Upper

43 100

58 33.7 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

3000

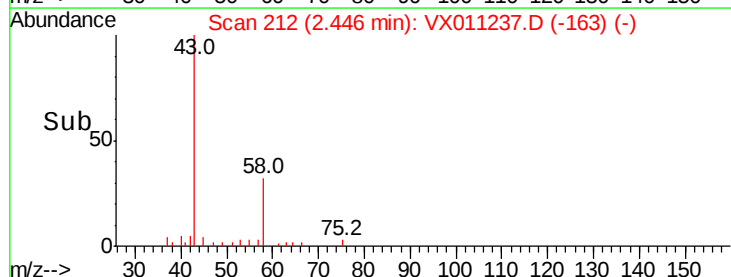
2000

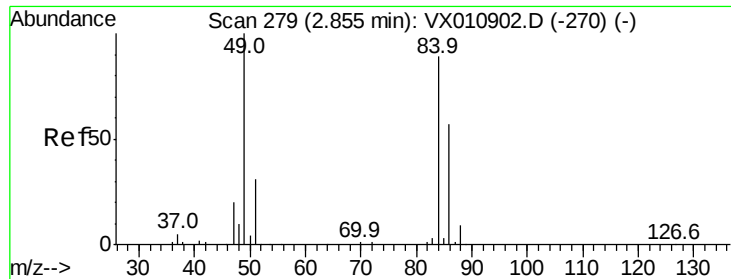
1000

0

Time-->

2.35 2.40 2.45 2.50

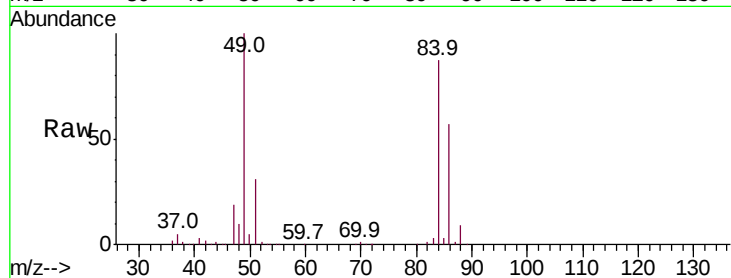




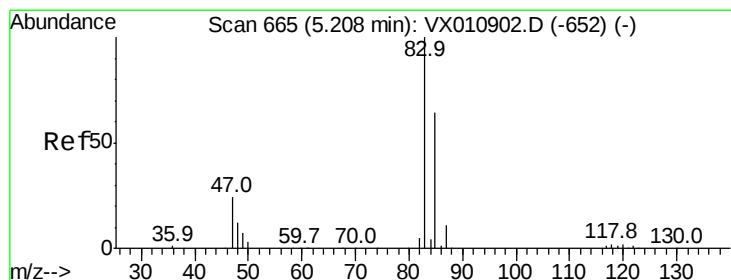
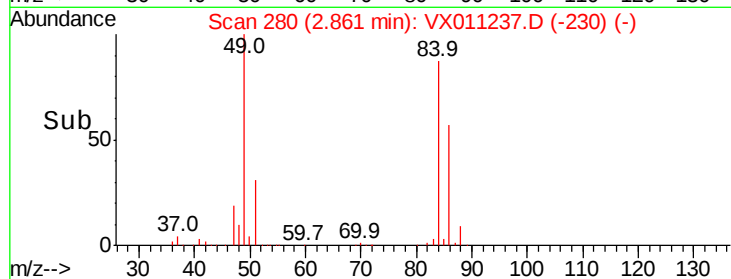
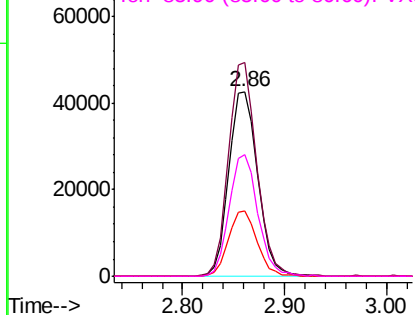
#20
Methvlene Chloride
Concen: 36.147 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX011237.D
Acq: 31 Jul 2019 08:28

Instrument :
MSVOA_X
ClientSampled :
TP-1

Tot Ion: 84 Resp: 83500
Ion Ratio Lower Upper
84 100
49 115.2 89.9 134.9
51 35.5 27.8 41.6
86 66.1 51.8 77.6

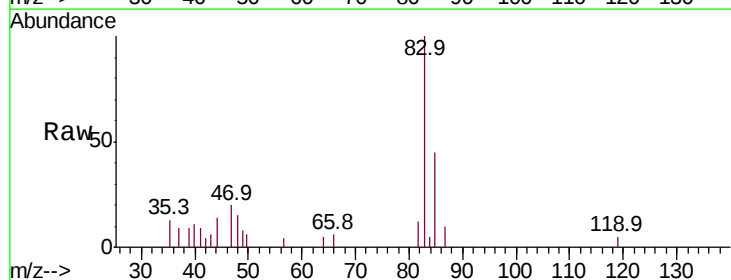


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

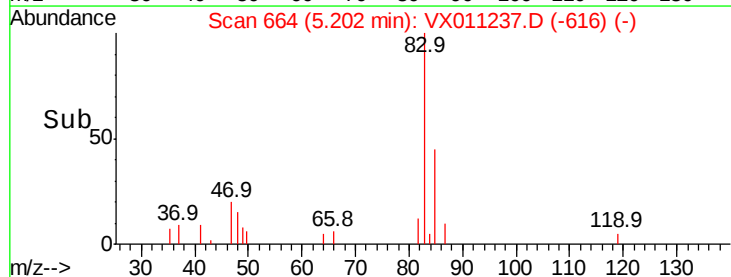
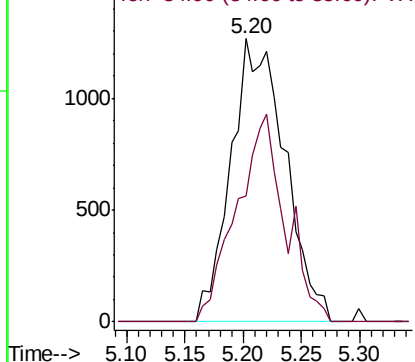


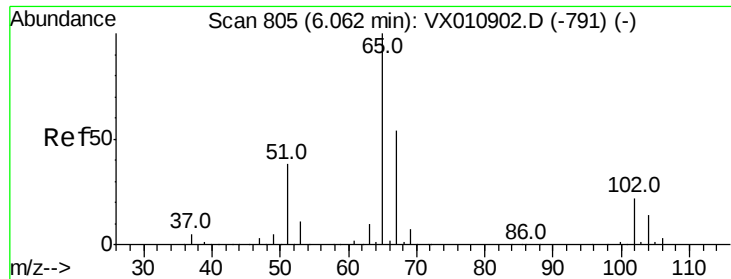
#30
Chloroform
Concen: 1.048 ug/l
RT: 5.20 min Scan# 664
Delta R.T. -0.01 min
Lab File: VX011237.D
Acq: 31 Jul 2019 08:28

Tgt Ion: 83 Resp: 4073
Ion Ratio Lower Upper
83 100
85 44.5 51.4 77.0#



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0

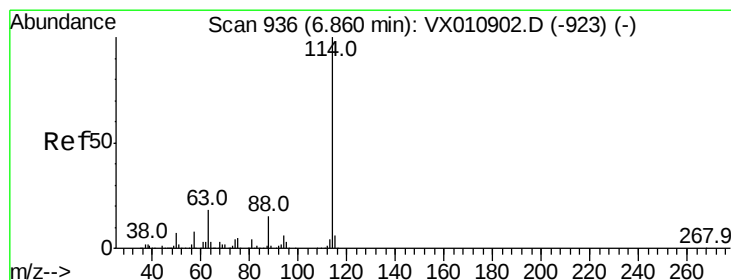
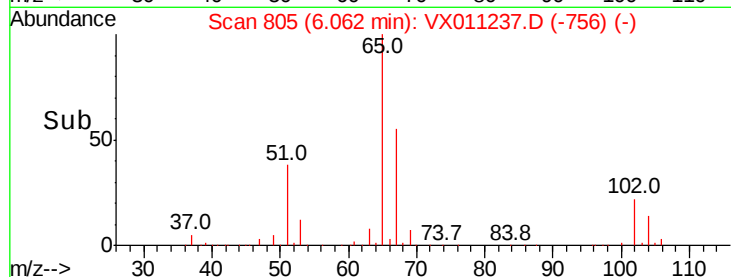
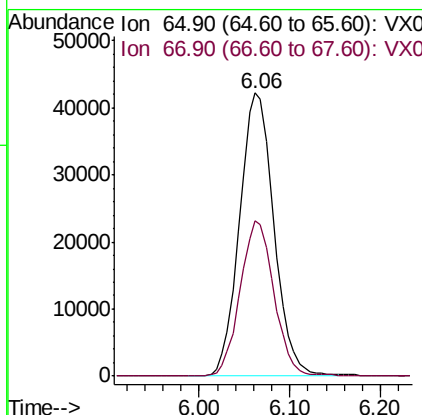
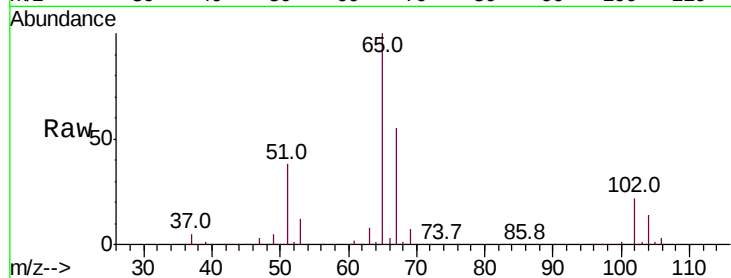




#33
 1,2-Dichloroethane-d4
 Concen: 45.874 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX011237.D
 Acq: 31 Jul 2019 08:28

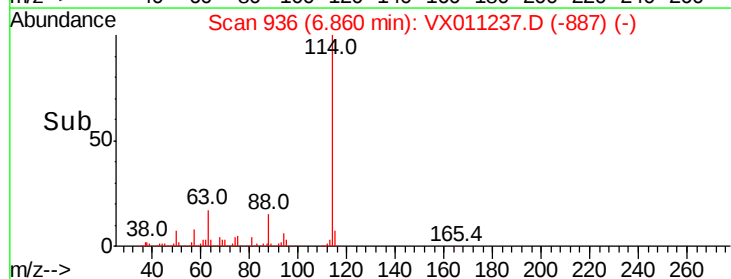
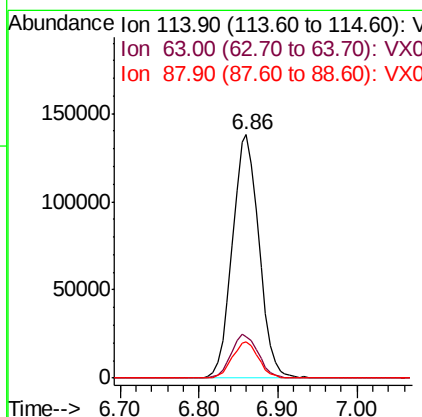
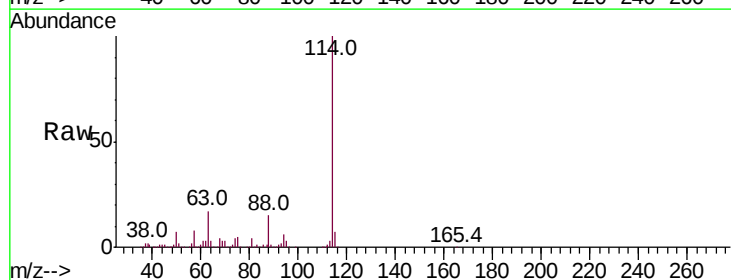
Instrument :
 MSVOA_X
 ClientSampleId :
 TP-1

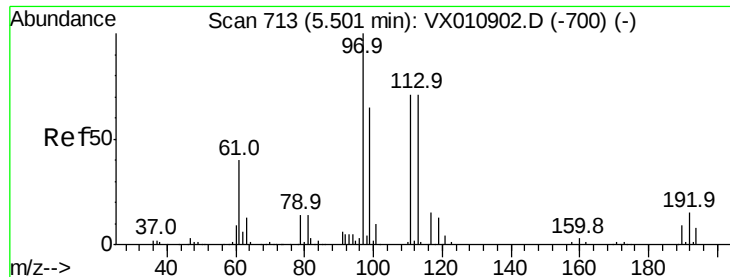
Tot Ion: 65 Resp: 110715
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX011237.D
 Acq: 31 Jul 2019 08:28

Tgt Ion: 114 Resp: 324087
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 35.6
 88 15.1 0.0 29.8





#35

Dibromofluoromethane

Concen: 46.943 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX011237.D

Acq: 31 Jul 2019 08:28

Instrument :

MSVOA_X

ClientSampleId :

TP-1

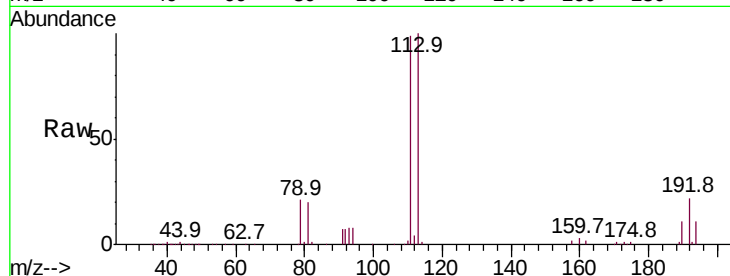
Tot Ion:113 Resp: 96565

Ion Ratio Lower Upper

113 100

111 100.9 82.3 123.5

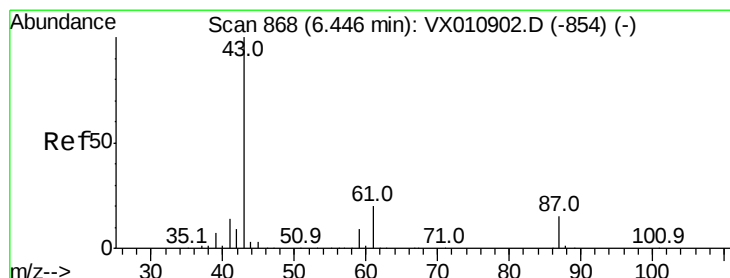
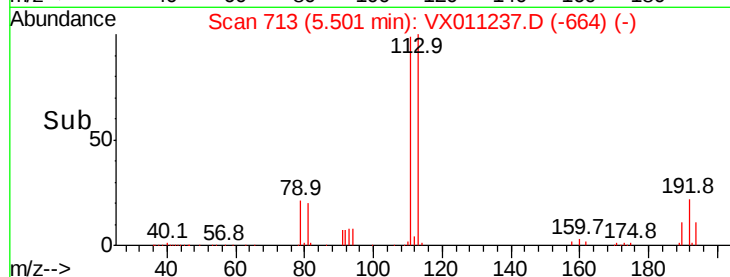
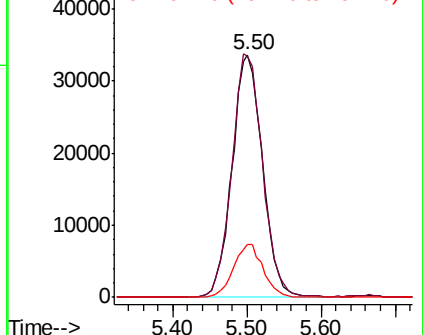
192 21.2 17.4 26.2



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: 2.293 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX011237.D

Acq: 31 Jul 2019 08:28

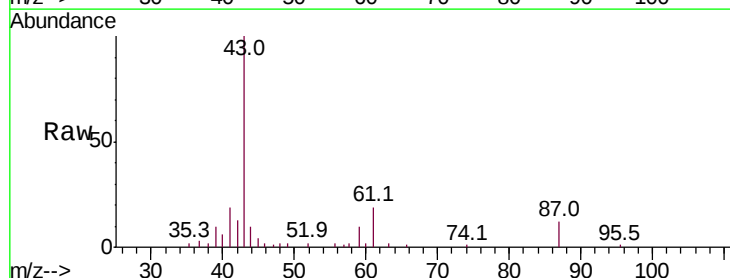
Tgt Ion: 43 Resp: 10277

Ion Ratio Lower Upper

43 100

61 22.7 17.1 25.7

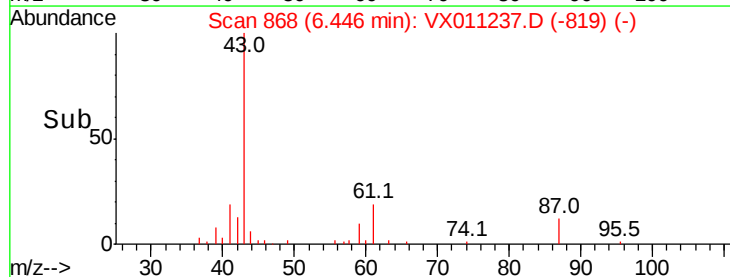
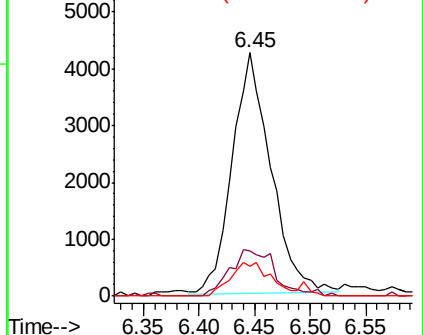
87 14.0 12.0 18.0

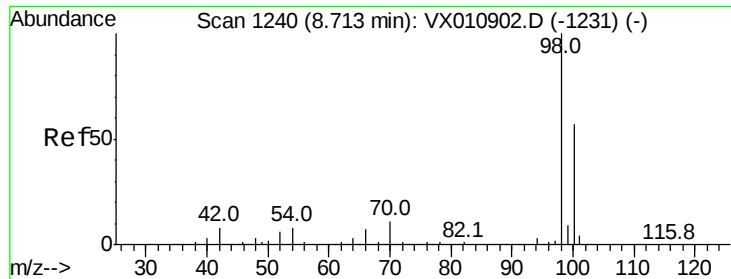


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

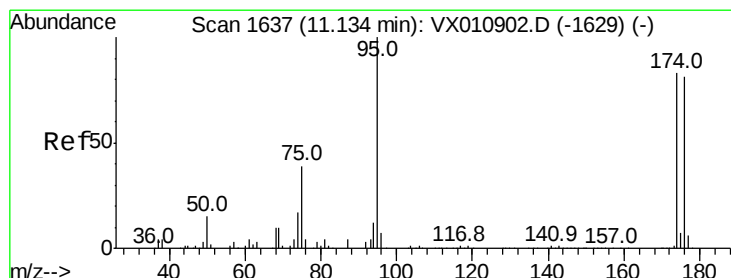
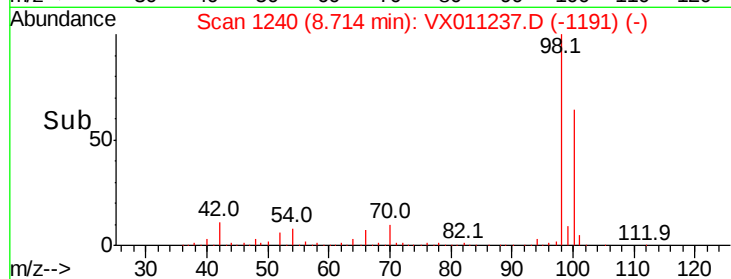
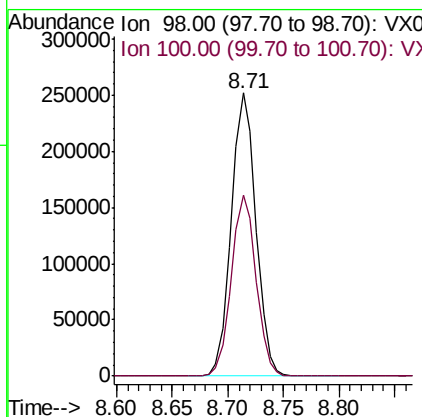
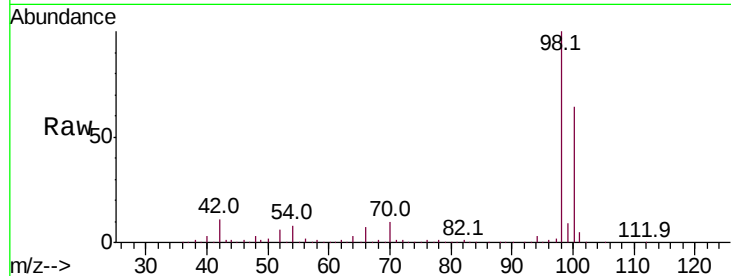




#50
Toluene-d8
Concen: 50.093 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011237.D
Acq: 31 Jul 2019 08:28

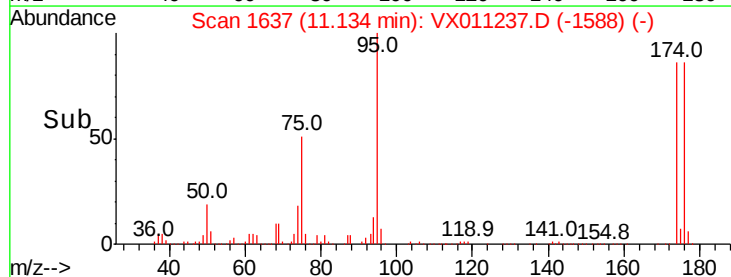
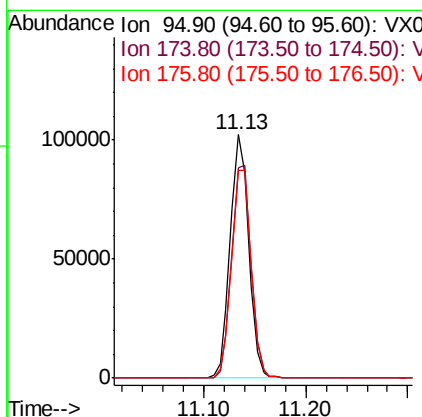
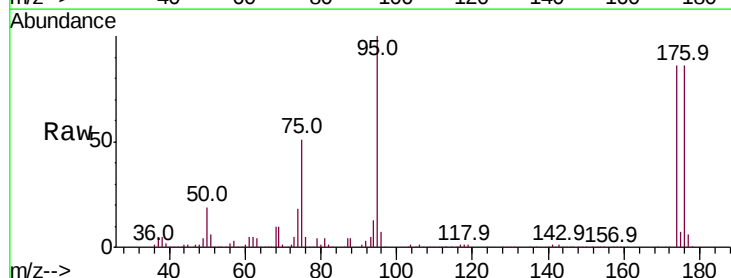
Instrument :
MSVOA_X
ClientSampleId :
TP-1

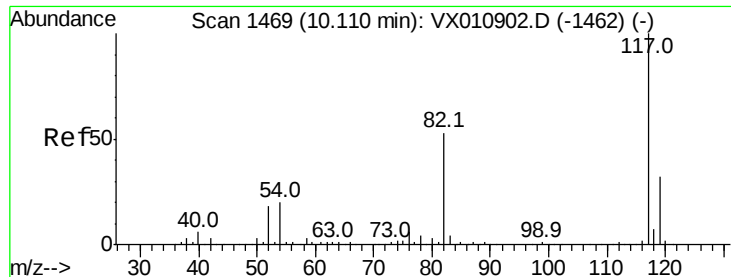
Tot Ion: 98 Resp: 386479
Ion Ratio Lower Upper
98 100
100 63.8 50.6 75.8



#62
4-Bromofluorobenzene
Concen: 45.028 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011237.D
Acq: 31 Jul 2019 08:28

Tgt Ion: 95 Resp: 127694
Ion Ratio Lower Upper
95 100
174 91.8 0.0 180.6
176 90.4 0.0 173.8

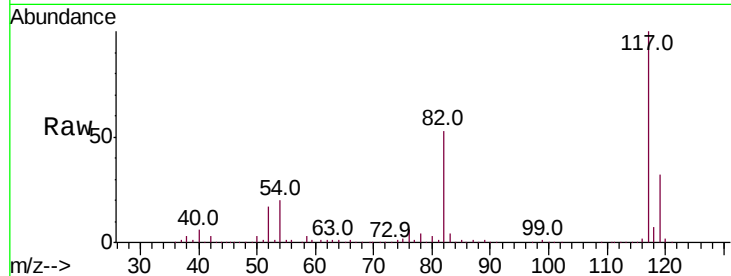




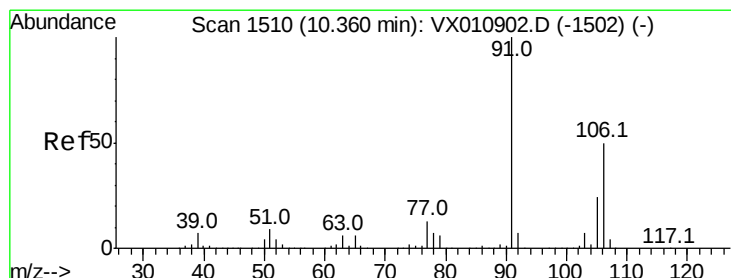
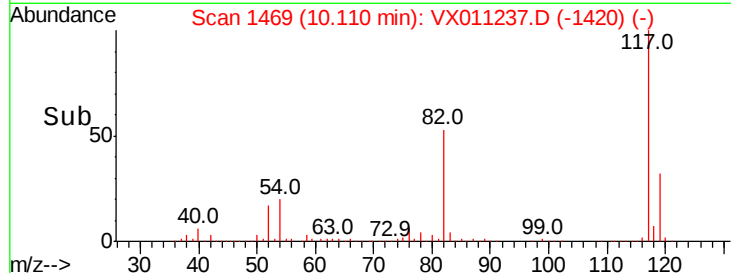
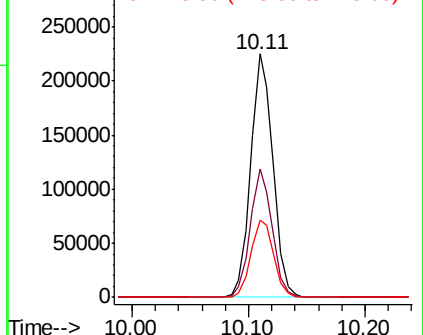
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011237.D
Acq: 31 Jul 2019 08:28

Instrument :
MSVOA_X
ClientSampled :
TP-1

Tot Ion:117 Resp: 298627
Ion Ratio Lower Upper
117 100
82 52.8 42.6 63.8
119 31.9 25.9 38.9

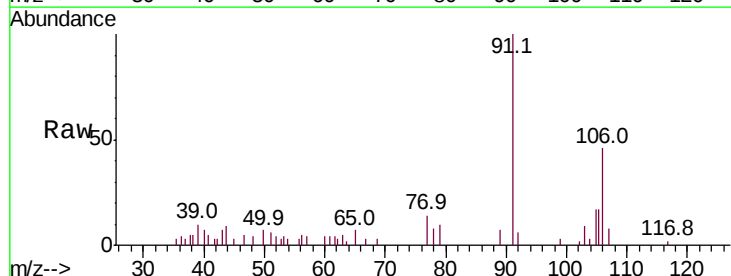


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

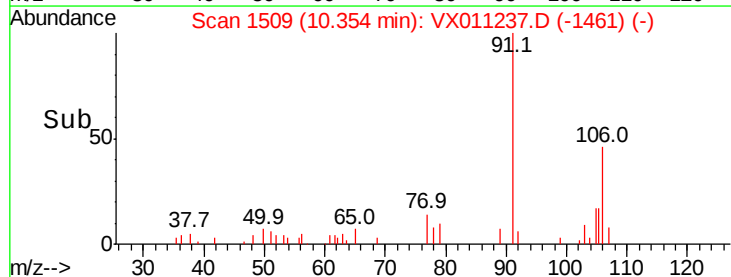
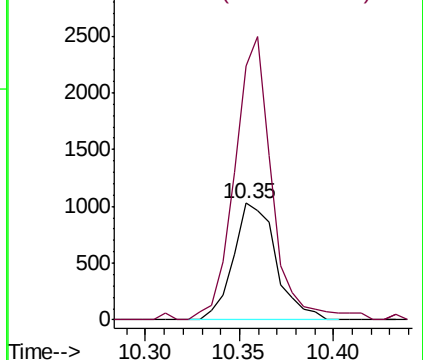


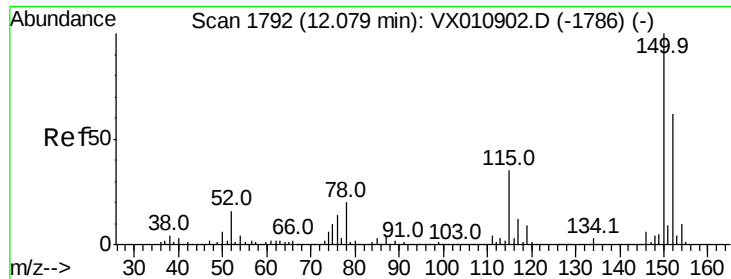
#68
m/p-Xylenes
Concen: 0.403 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX011237.D
Acq: 31 Jul 2019 08:28

Tgt Ion:106 Resp: 1613
Ion Ratio Lower Upper
106 100
91 212.3 160.1 240.1



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: VX011237.D

Acq: 31 Jul 2019 08:28

Instrument :

MSVOA_X

ClientSampleId :

TP-1

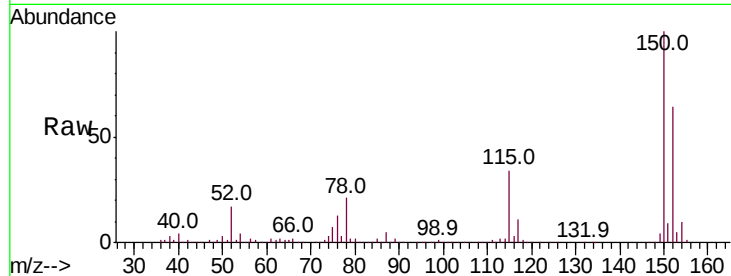
Tot Ion:152 Resp: 137076

Ion Ratio Lower Upper

152 100

115 55.8 39.7 119.1

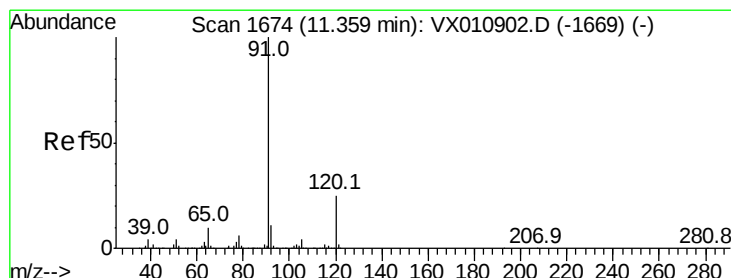
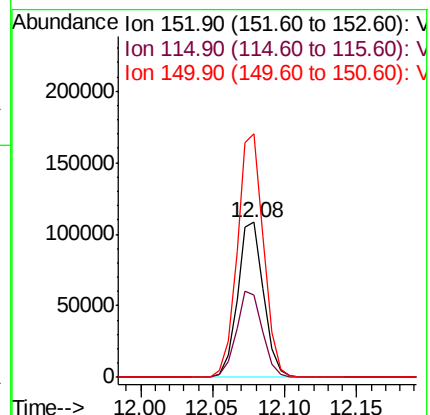
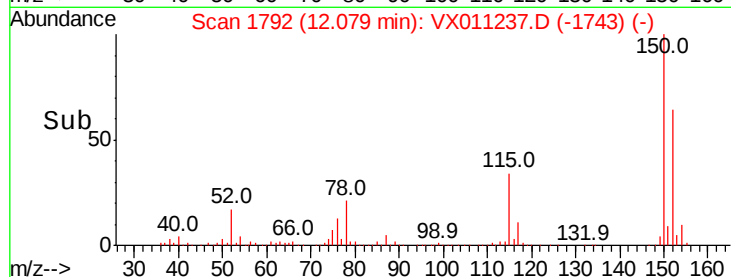
150 157.7 0.0 345.6



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



#78

n-propylbenzene

Concen: 0.267 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX011237.D

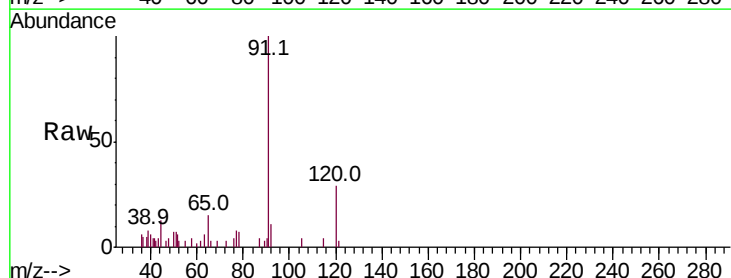
Acq: 31 Jul 2019 08:28

Tgt Ion: 91 Resp: 2731

Ion Ratio Lower Upper

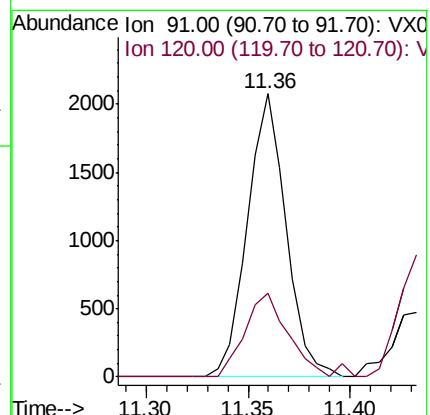
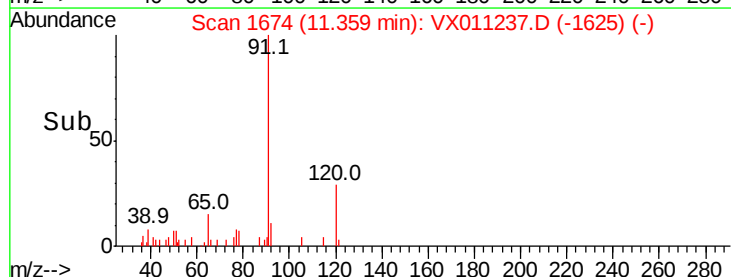
91 100

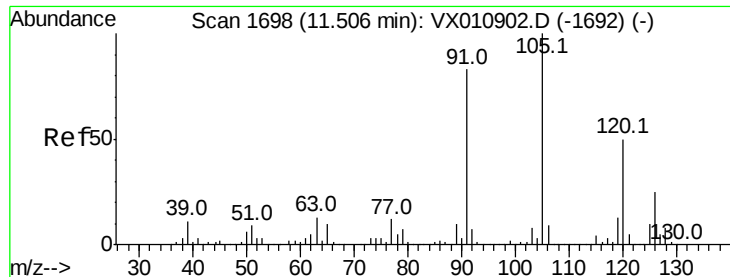
120 32.7 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#80

1,3,5-Trimethylbenzene

Concen: 0.605 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011237.D

Acq: 31 Jul 2019 08:28

Instrument :

MSVOA_X

ClientSampled :

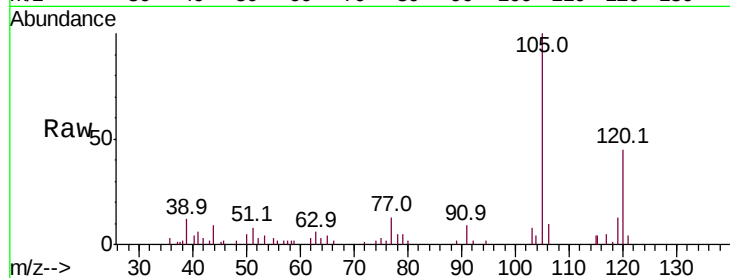
TP-1

Tot Ion:105 Resp: 4685

Ion Ratio Lower Upper

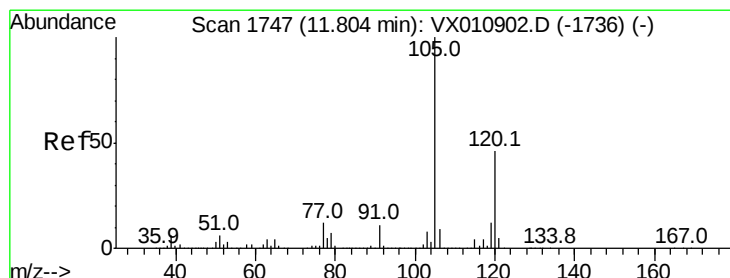
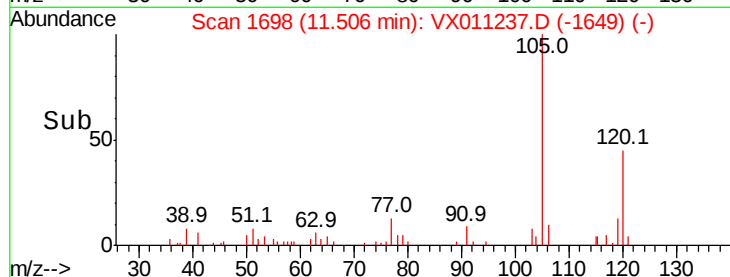
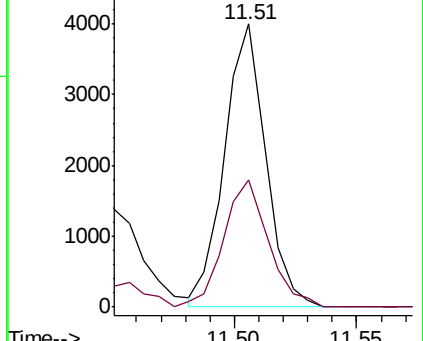
105 100

120 48.9 24.6 73.8



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: 1.243 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX011237.D

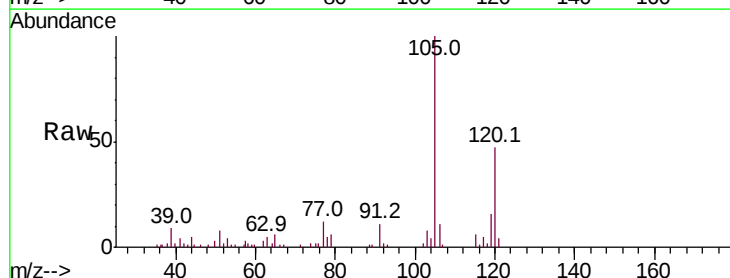
Acq: 31 Jul 2019 08:28

Tgt Ion:105 Resp: 9694

Ion Ratio Lower Upper

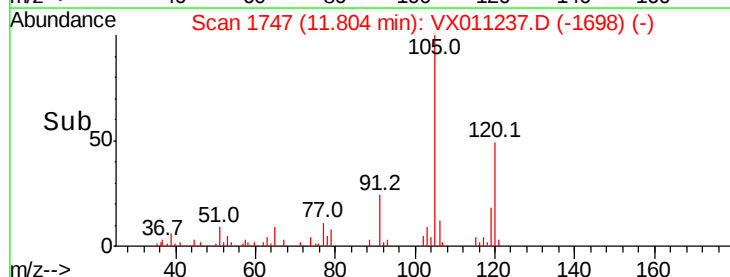
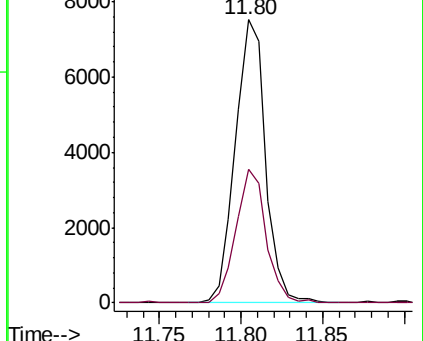
105 100

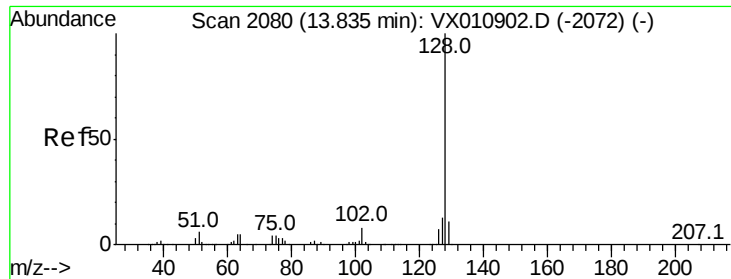
120 47.1 22.9 68.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95
Naphthalene
Concen: 8.725 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX011237.D
Acq: 31 Jul 2019 08:28

Instrument :
MSVOA_X
ClientSampleId :
TP-1

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	11.3	8.9	13.3

