

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062718\
 Data File : VX002964.D
 Acq On : 28 Jun 2018 04:25
 Operator : JC/MD
 Sample : J3718-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 W-24

Quant Time: Jun 28 15:34:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	264893	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	372127	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	348013	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	205595	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	179383	48.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.98%	
35) Dibromofluoromethane	5.51	113	145393	49.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.68%	
50) Toluene-d8	8.72	98	523771	48.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.34%	
62) 4-Bromofluorobenzene	11.14	95	193261	46.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.14%	

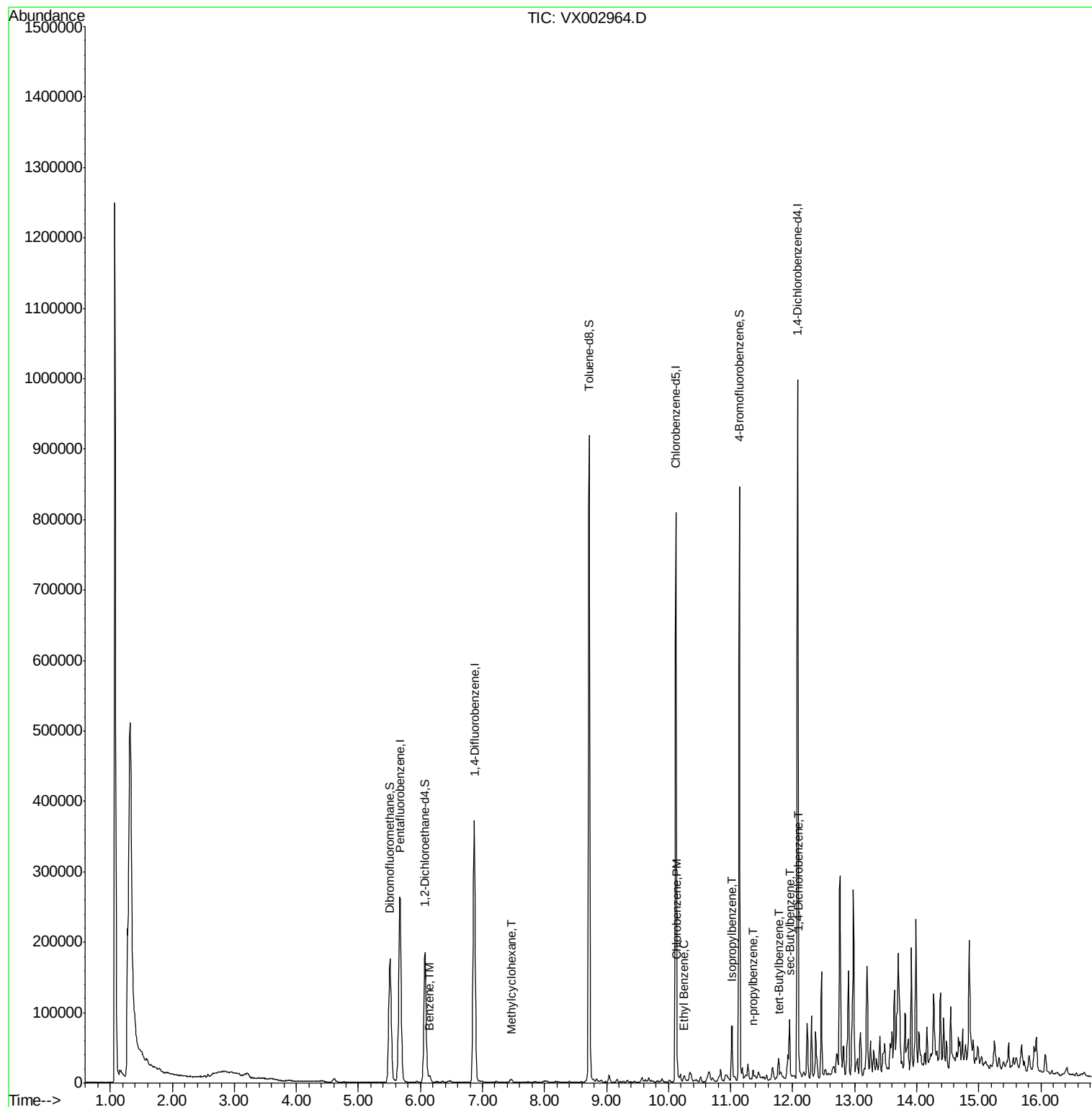
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
39) Methylcyclohexane	7.46	83	1775	0.37	ug/l #	93
40) Benzene	6.15	78	9625	0.81	ug/l	96
65) Chlorobenzene	10.14	112	4657	0.53	ug/l	99
67) Ethyl Benzene	10.26	91	3933	0.27	ug/l	94
73) Isopropylbenzene	11.02	105	40900	2.96	ug/l	98
78) n-propylbenzene	11.37	91	5980	0.38	ug/l	98
83) tert-Butylbenzene	11.77	119	10617	0.92	ug/l	94
85) sec-Butylbenzene	11.95	105	38281	2.75	ug/l	82
88) 1,4-Dichlorobenzene	12.10	146	3171	0.43	ug/l #	56

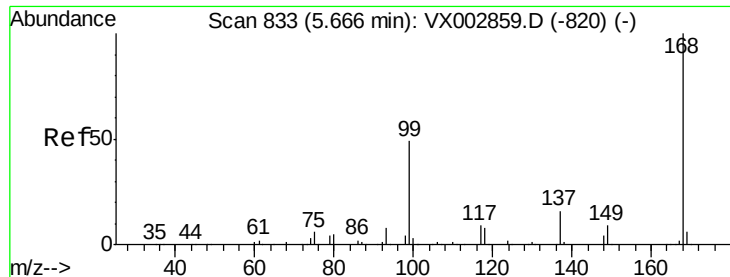
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX062718\
Data File : VX002964.D
Acq On : 28 Jun 2018 04:25
Operator : JC/MD
Sample : J3718-05
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
W-24

Quant Time: Jun 28 15:34:25 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX002964.D

Acq: 28 Jun 2018 04:25

Instrument :

MSVOA_X

ClientSampled :

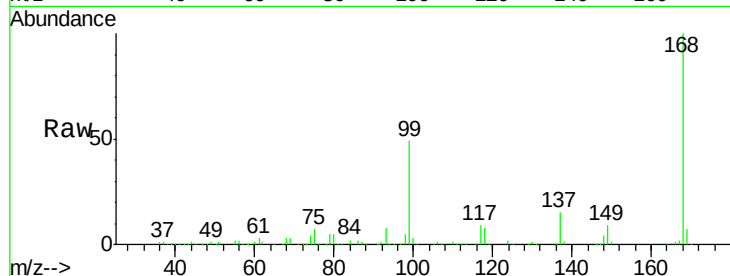
W-24

Tot Ion:168 Resp: 264893

Ion Ratio Lower Upper

168 100

99 49.2 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

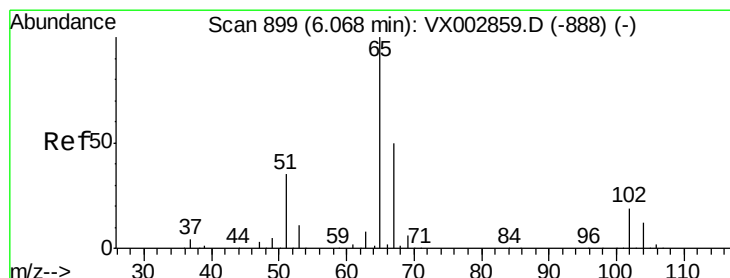
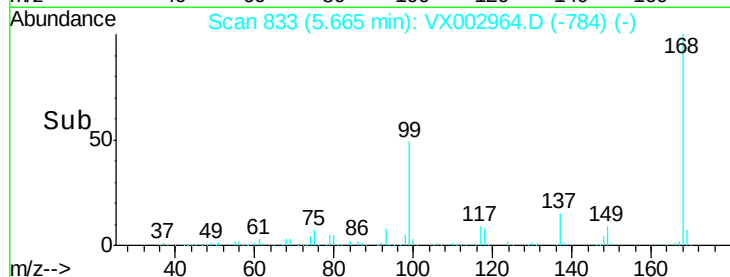
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 48.99 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX002964.D

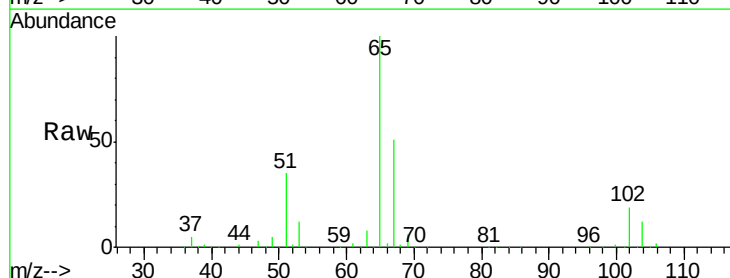
Acq: 28 Jun 2018 04:25

Tgt Ion: 65 Resp: 179383

Ion Ratio Lower Upper

65 100

67 51.7 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

80000

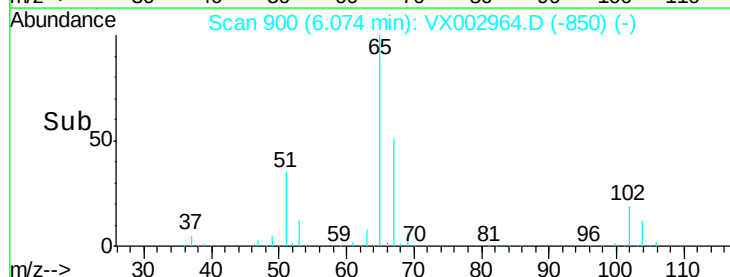
60000

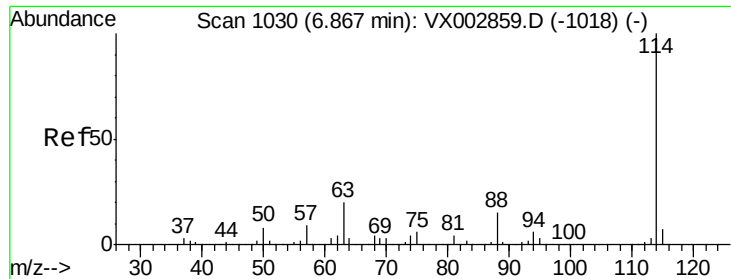
40000

20000

0

Time--> 5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002964.D

Acq: 28 Jun 2018 04:25

Instrument :

MSVOA_X

ClientSampleId :

W-24

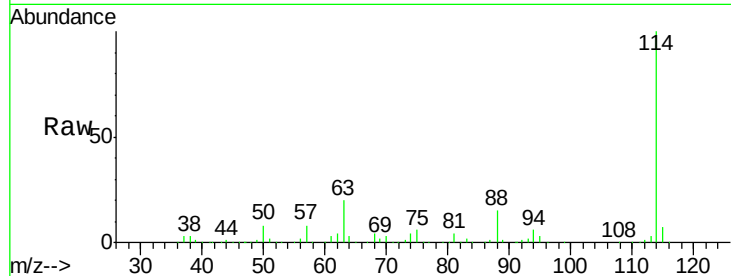
Tot Ion:114 Resp: 372127

Ion Ratio Lower Upper

114 100

63 19.8 0.0 41.4

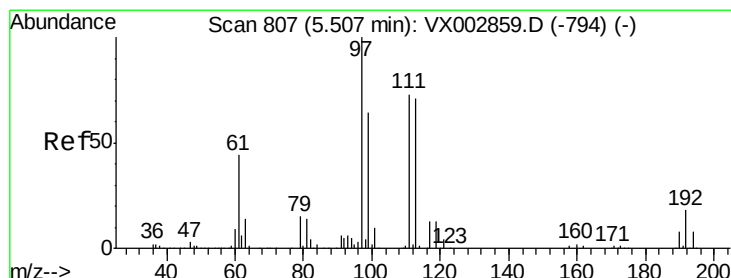
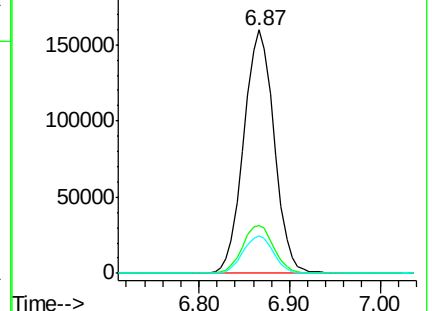
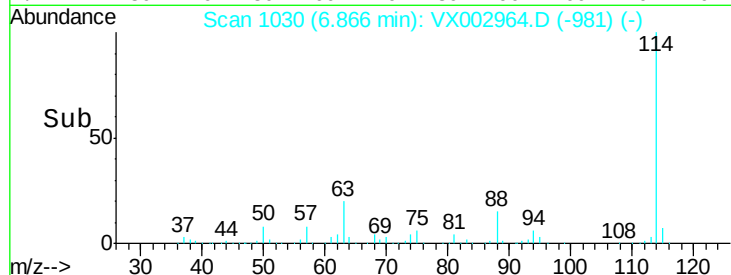
88 15.2 0.0 30.0



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: 49.34 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002964.D

Acq: 28 Jun 2018 04:25

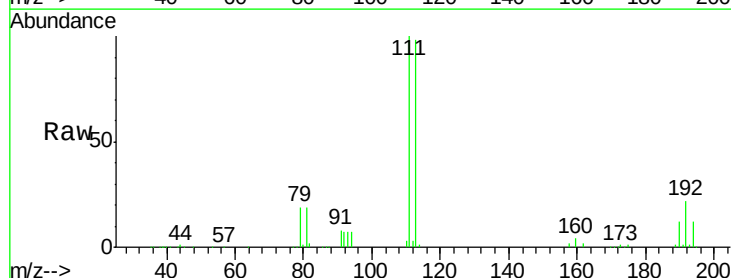
Tgt Ion:113 Resp: 145393

Ion Ratio Lower Upper

113 100

111 101.9 81.4 122.0

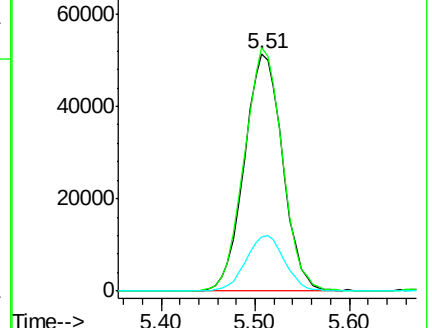
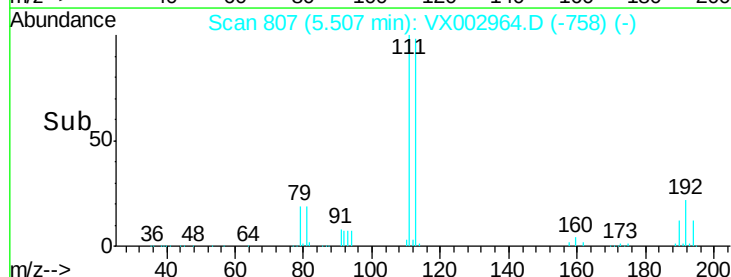
192 23.5 19.1 28.7

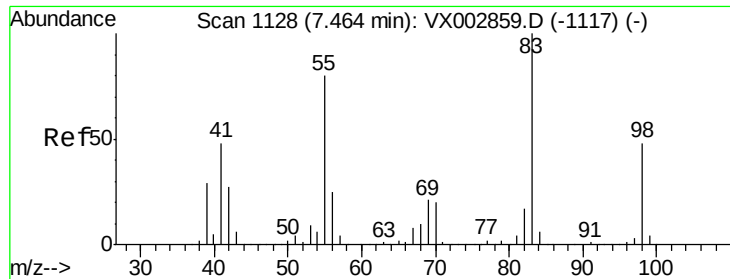


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

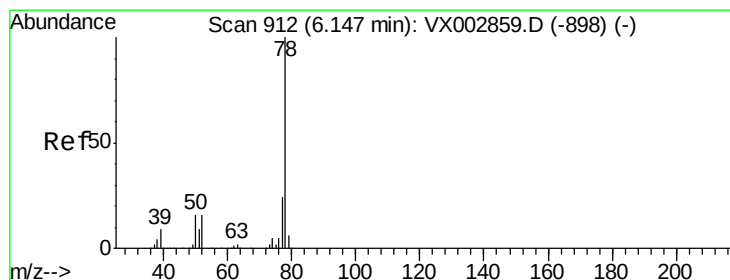
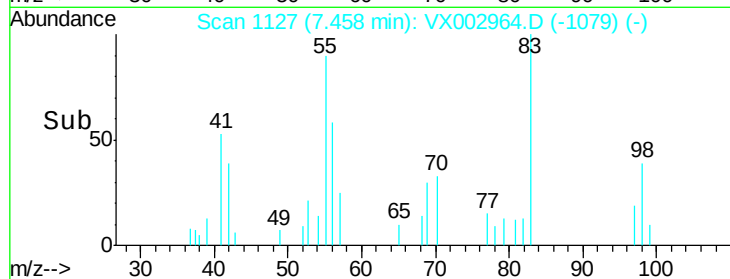
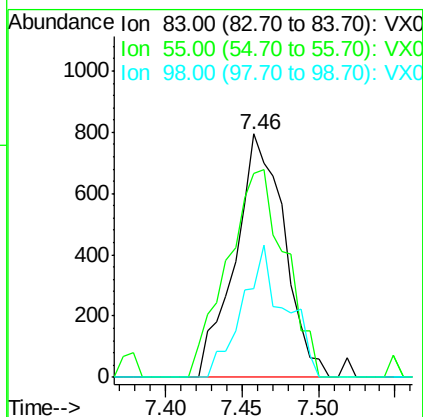
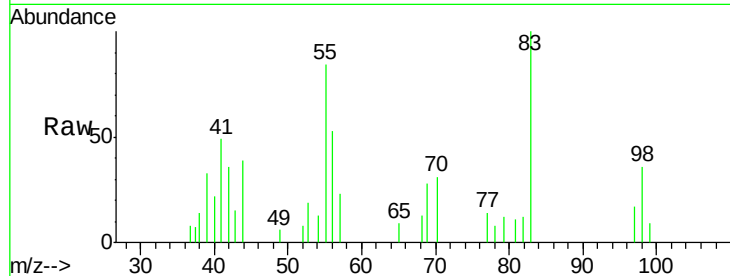




#39
Methylvlcyclohexane
Concen: 0.37 ug/l
RT: 7.46 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX002964.D
Acq: 28 Jun 2018 04:25

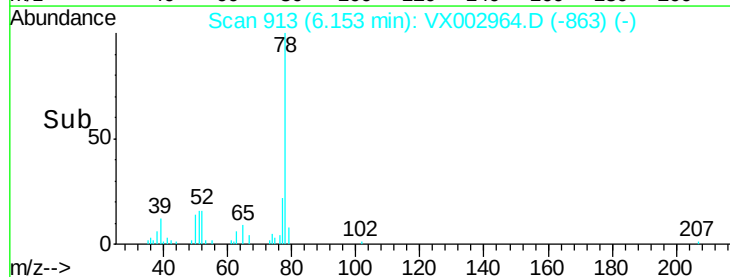
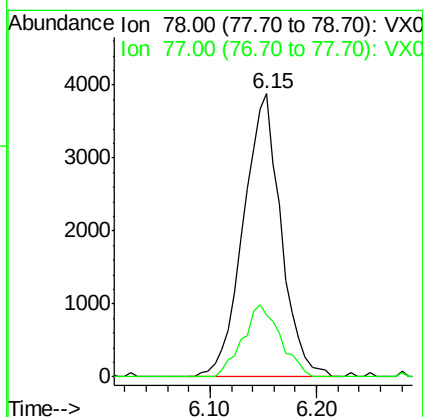
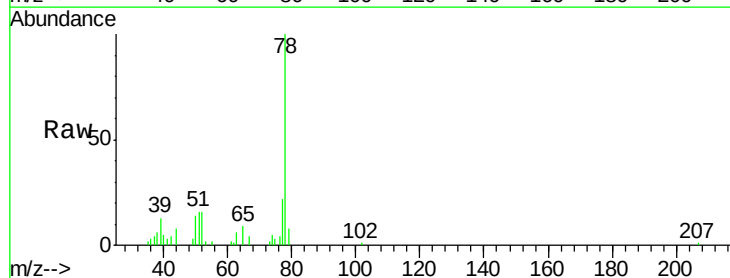
Instrument :
MSVOA_X
ClientSampled :
W-24

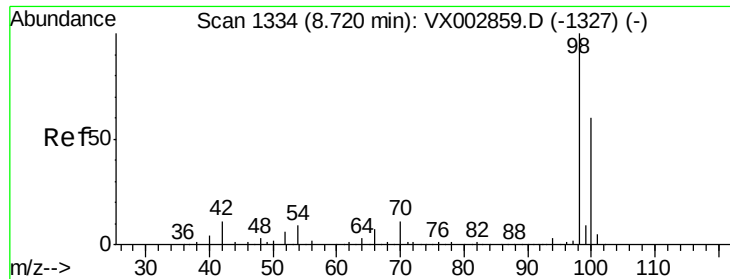
Tot Ion: 83 Resp: 1775
Ion Ratio Lower Upper
83 100
55 83.5 65.4 98.0
98 36.4 37.4 56.0#



#40
Benzene
Concen: 0.81 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.01 min
Lab File: VX002964.D
Acq: 28 Jun 2018 04:25

Tgt Ion: 78 Resp: 9625
Ion Ratio Lower Upper
78 100
77 22.1 19.1 28.7

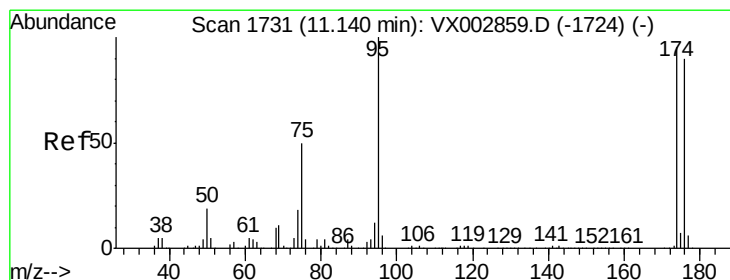
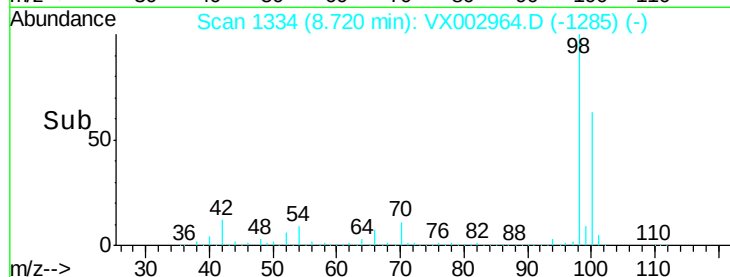
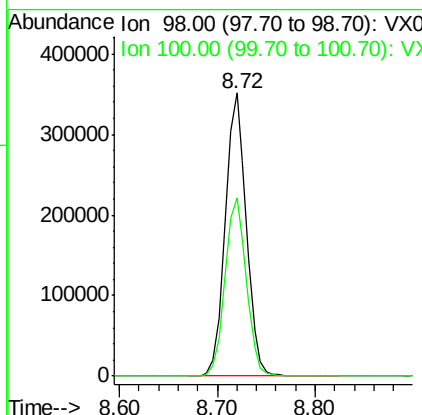
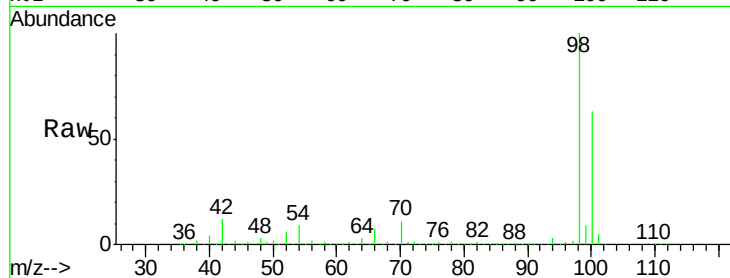




#50
Toluene-d8
Concen: 48.67 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002964.D
Acq: 28 Jun 2018 04:25

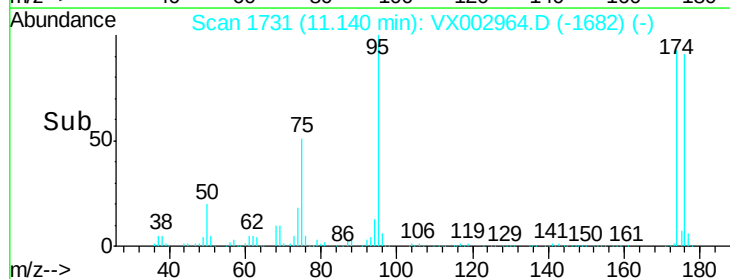
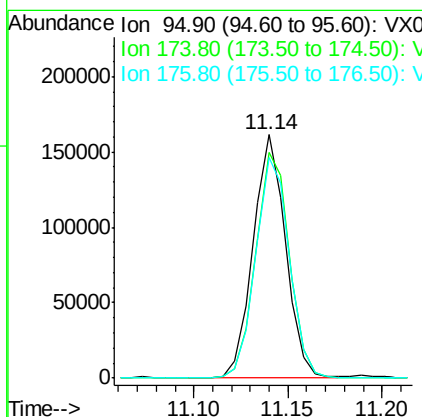
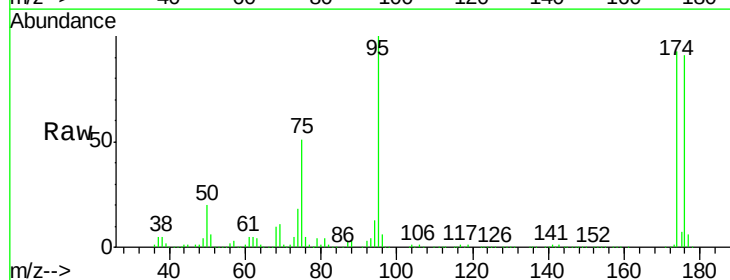
Instrument :
MSVOA_X
ClientSampleId :
W-24

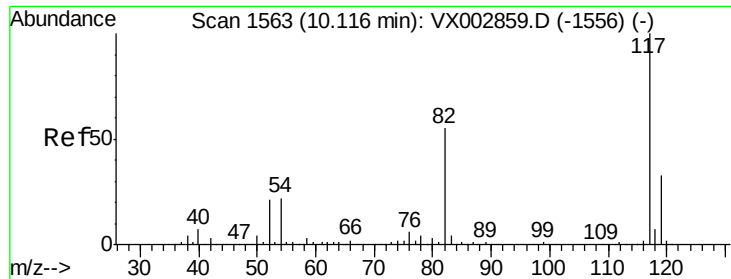
Tot Ion: 98 Resp: 523771
Ion Ratio Lower Upper
98 100
100 64.0 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 46.57 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002964.D
Acq: 28 Jun 2018 04:25

Tgt Ion: 95 Resp: 193261
Ion Ratio Lower Upper
95 100
174 95.9 0.0 187.4
176 94.1 0.0 181.0

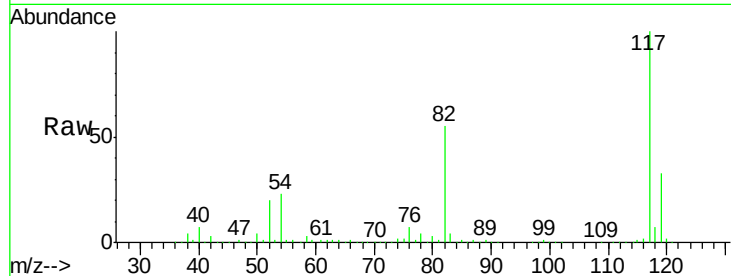




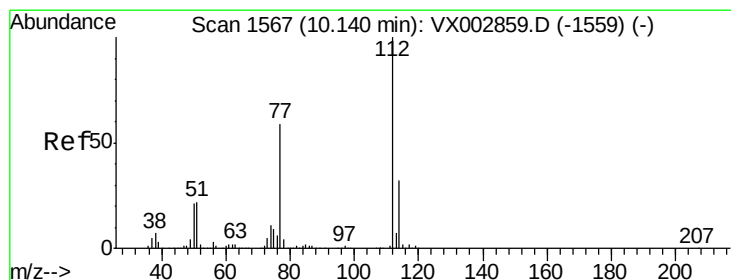
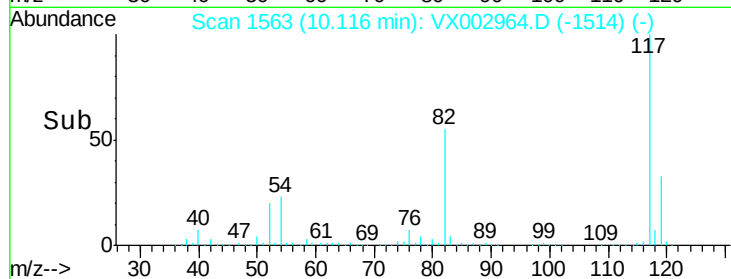
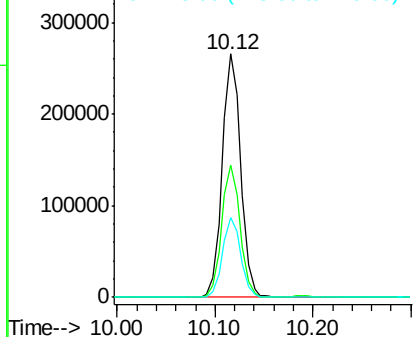
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002964.D
Acq: 28 Jun 2018 04:25

Instrument :
MSVOA_X
ClientSampleId :
W-24

Tot Ion:117 Resp: 348013
Ion Ratio Lower Upper
117 100
82 54.5 45.0 67.4
119 32.7 25.8 38.6

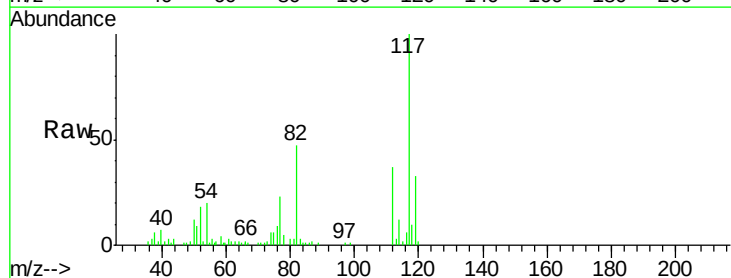


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

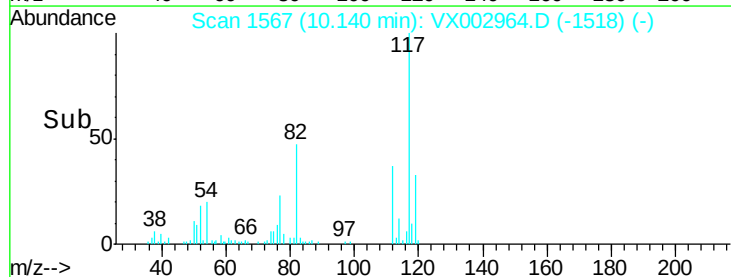
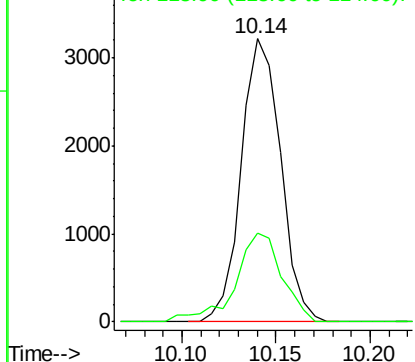


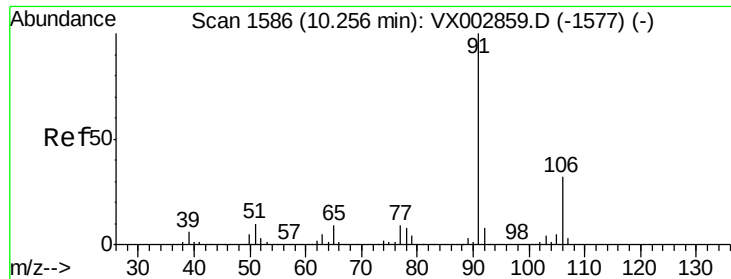
#65
Chlorobenzene
Concen: 0.53 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002964.D
Acq: 28 Jun 2018 04:25

Tgt Ion:112 Resp: 4657
Ion Ratio Lower Upper
112 100
114 31.2 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

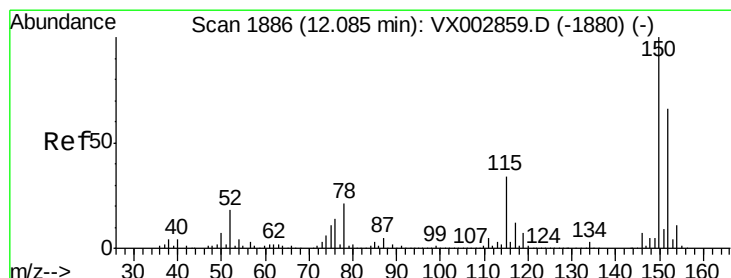
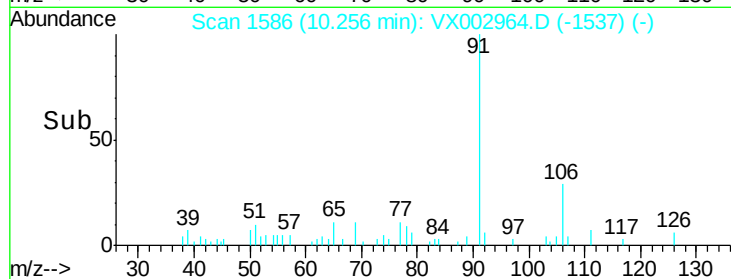
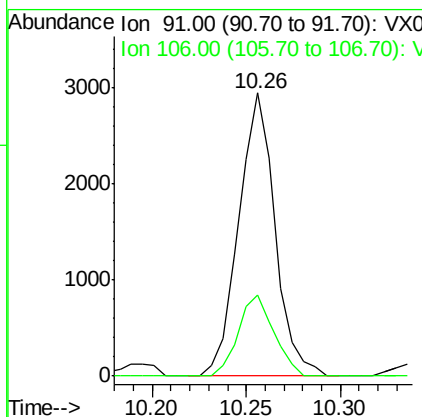
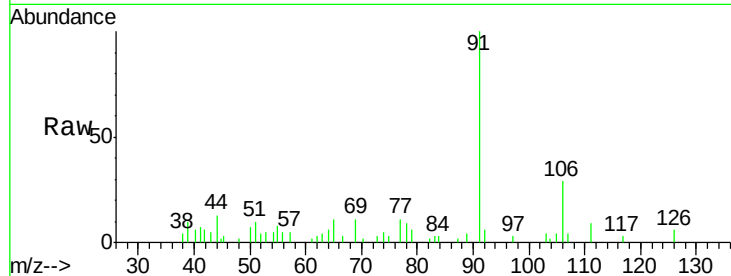




#67
Ethyl Benzene
Concen: 0.27 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002964.D
Acq: 28 Jun 2018 04:25

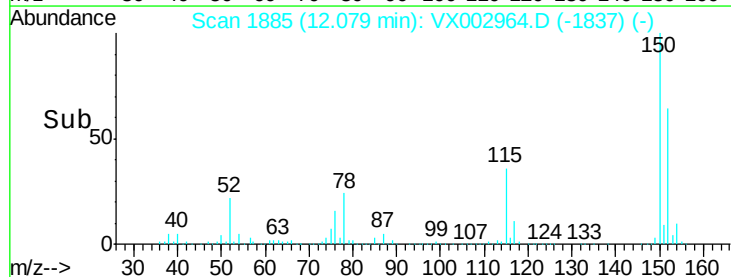
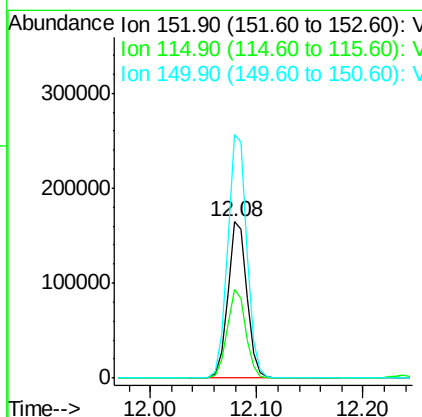
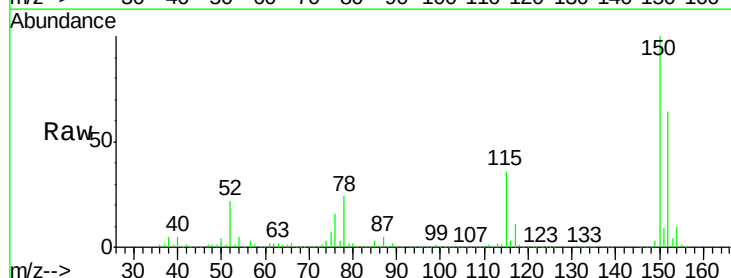
Instrument :
MSVOA_X
ClientSampled :
W-24

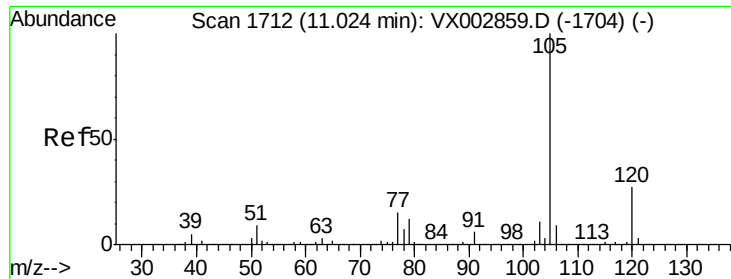
Tot Ion: 91 Resp: 3933
Ion Ratio Lower Upper
91 100
106 28.7 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX002964.D
Acq: 28 Jun 2018 04:25

Tgt Ion: 152 Resp: 205595
Ion Ratio Lower Upper
152 100
115 55.2 40.1 120.2
150 157.1 0.0 347.2





#73

Isopropylbenzene

Concen: 2.96 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002964.D

Acq: 28 Jun 2018 04:25

Instrument :

MSVOA_X

ClientSampled :

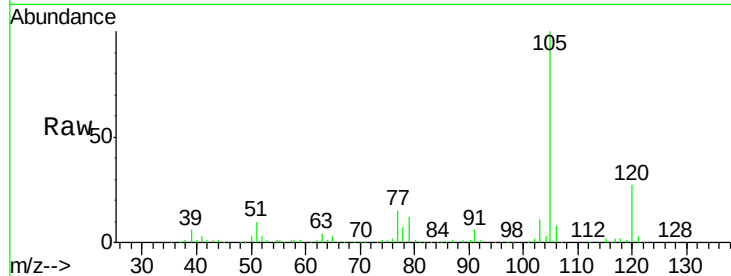
W-24

Tot Ion: 105 Resp: 40900

Ion Ratio Lower Upper

105 100

120 26.0 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

30000

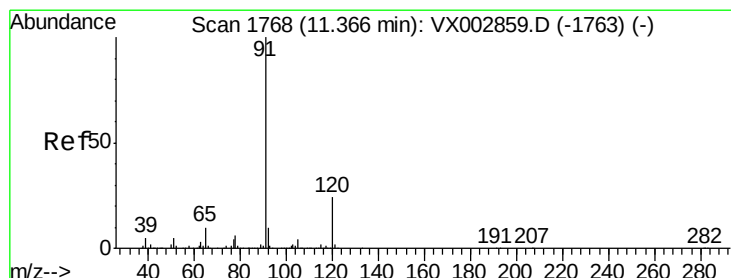
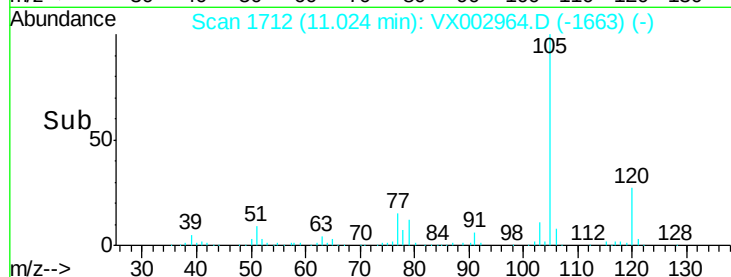
20000

10000

0

Time-->

10.95 11.00 11.05 11.10



#78

n-propylbenzene

Concen: 0.38 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002964.D

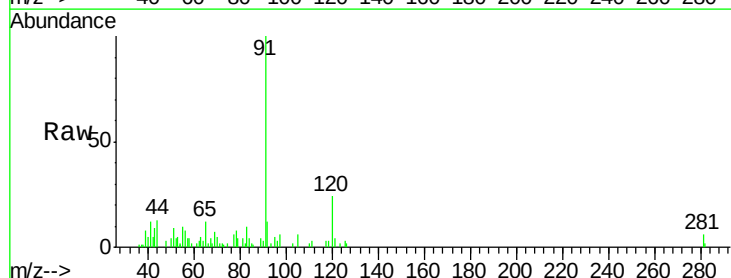
Acq: 28 Jun 2018 04:25

Tgt Ion: 91 Resp: 5980

Ion Ratio Lower Upper

91 100

120 22.7 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

11.37

5000

4000

3000

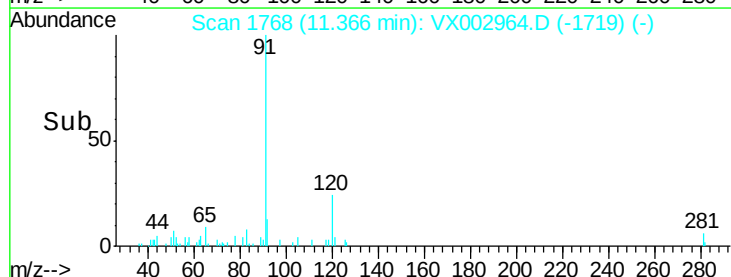
2000

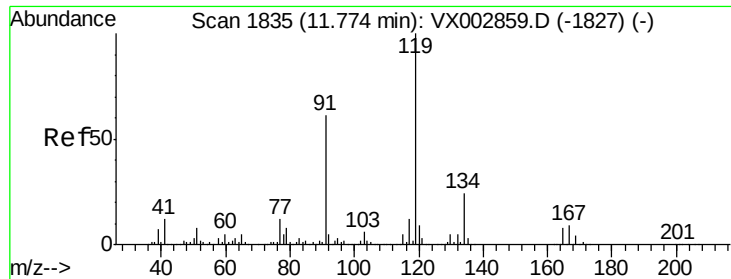
1000

0

Time-->

11.30 11.35 11.40

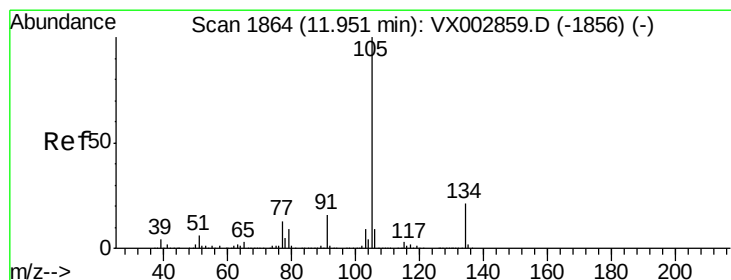
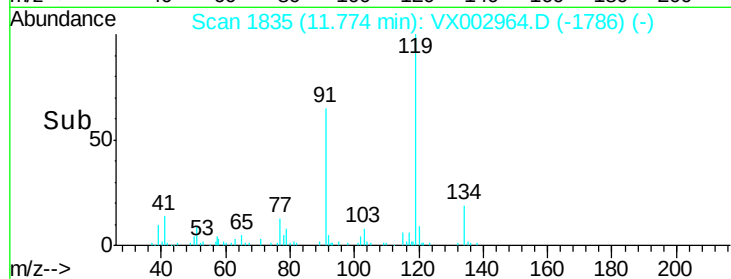
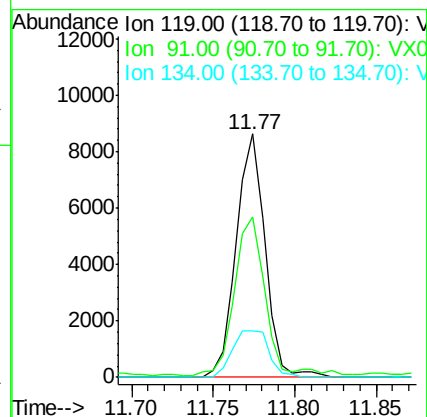
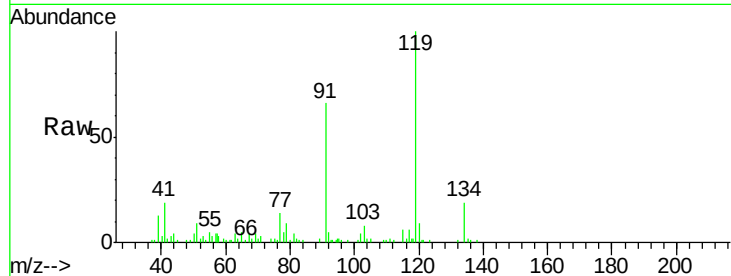




#83
tert-Butylbenzene
Concen: 0.92 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX002964.D
Acq: 28 Jun 2018 04:25

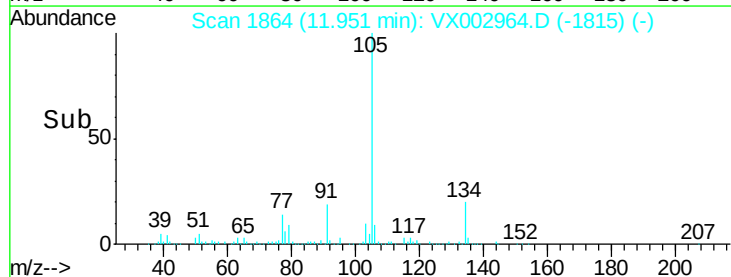
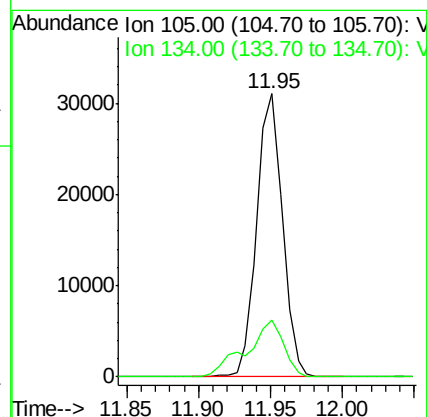
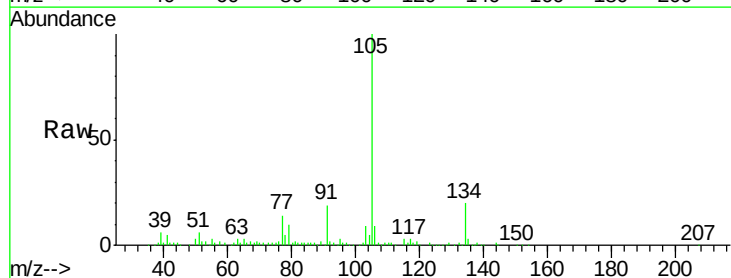
Instrument :
MSVOA_X
ClientSampleId :
W-24

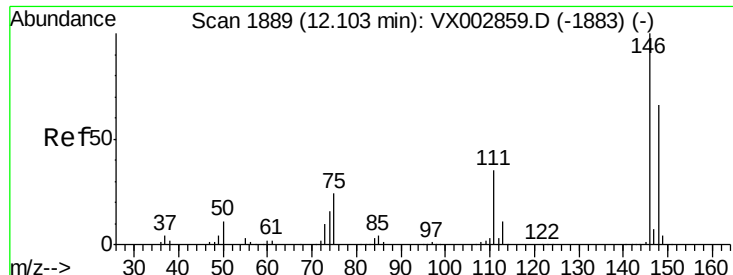
Tot Ion	Ratio	Lower	Upper
119	100		
91	66.4	30.3	90.9
134	24.2	11.7	35.1



#85
sec-Butylbenzene
Concen: 2.75 ug/l
RT: 11.95 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VX002964.D
Acq: 28 Jun 2018 04:25

Tgt Ion	Ratio	Lower	Upper
105	100		
134	29.1	10.4	31.1





#88

1,4-Dichlorobenzene

Concen: 0.43 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX002964.D

Acq: 28 Jun 2018 04:25

Instrument :

MSVOA_X

ClientSampleId :

W-24

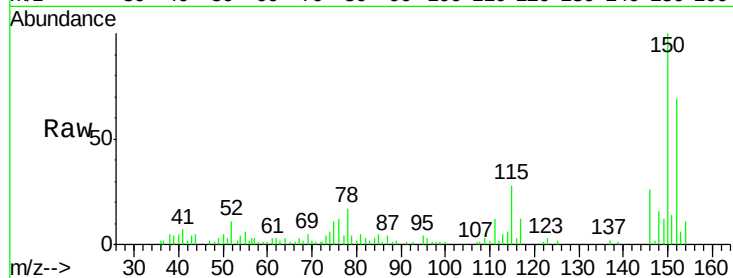
Tot Ion:146 Resp: 3171

Ion Ratio Lower Upper

146 100

111 0.0 18.7 56.1#

148 90.9 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

