

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081718\
 Data File : VN050760.D
 Acq On : 18 Aug 2018 8:41
 Operator : MD\SY
 Sample : J4521-30
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CHRT-27245

Quant Time: Aug 20 01:15:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 08:07:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	622764	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1023694	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	899367	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	357635	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	414719	52.83	ug/l	0.00
Spiked Amount			Recovery	=	105.66%	
35) Dibromofluoromethane	7.59	113	388952	47.59	ug/l	0.00
Spiked Amount			Recovery	=	95.18%	
50) Toluene-d8	10.09	98	1432706	46.58	ug/l	0.00
Spiked Amount			Recovery	=	93.16%	
62) 4-Bromofluorobenzene	12.40	95	410987	40.45	ug/l	0.00
Spiked Amount			Recovery	=	80.90%	

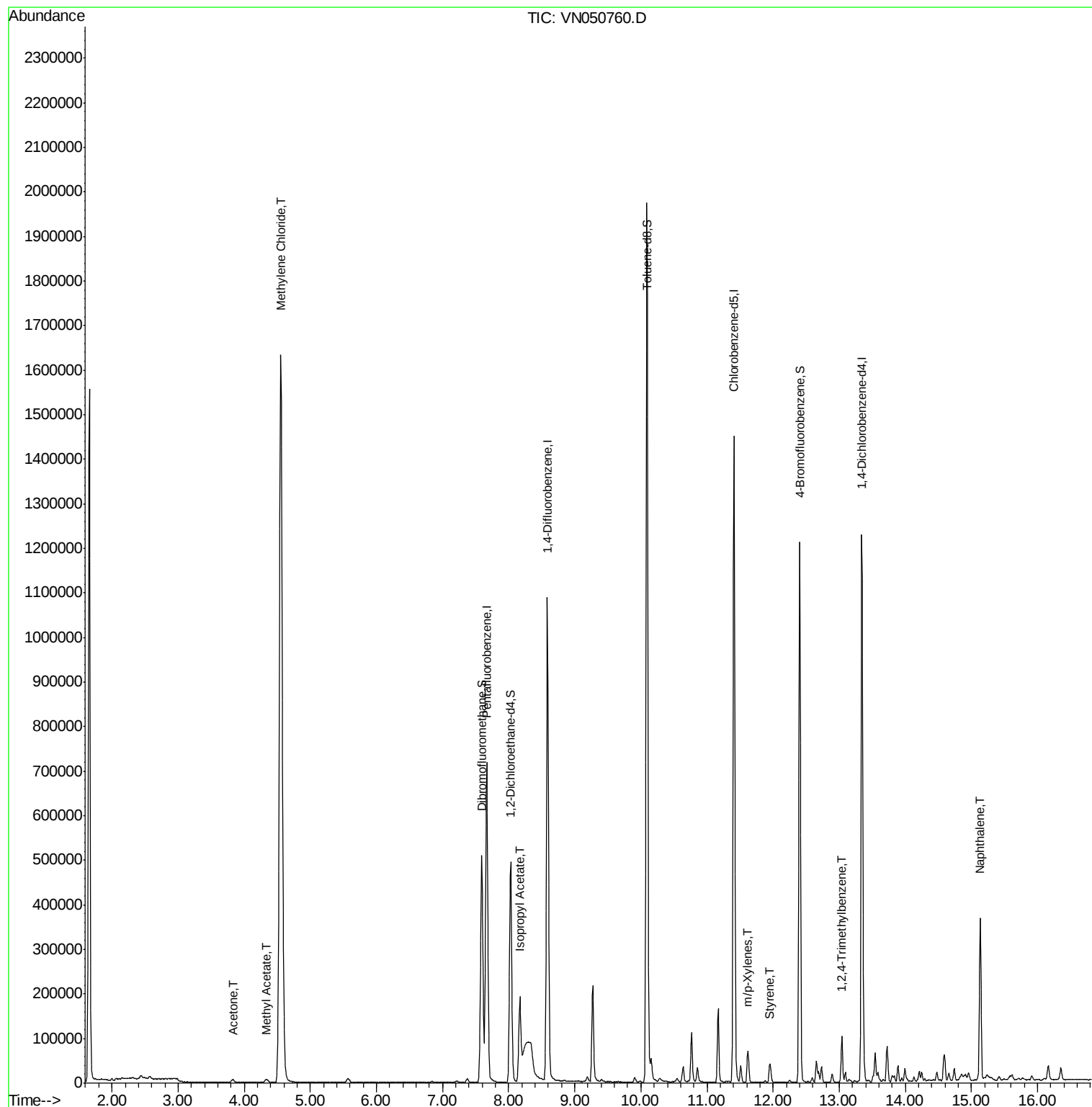
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	11293	4.34	ug/l	98
18) Methyl Acetate	4.33	43	15353	1.83	ug/l	97
20) Methylene Chloride	4.55	84	1314222	179.43	ug/l	99
43) Isopropyl Acetate	8.17	43	239320	20.39	ug/l	96
68) m/p-Xylenes	11.62	106	22770	1.65	ug/l	94
70) Styrene	11.96	104	9632	1.34	ug/l	93
84) 1,2,4-Trimethylbenzene	13.04	105	56419	2.51	ug/l	100
95) Naphthalene	15.13	128	320305	25.35	ug/l	99

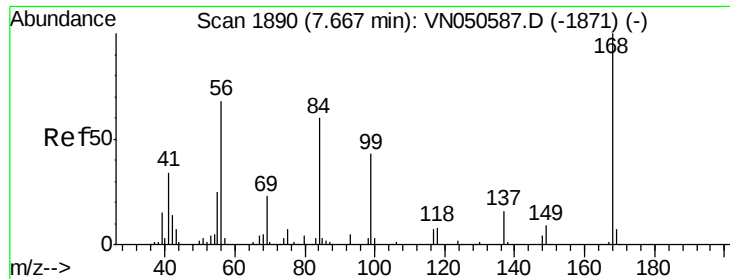
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN050760.D

Acq: 18 Aug 2018 8:41

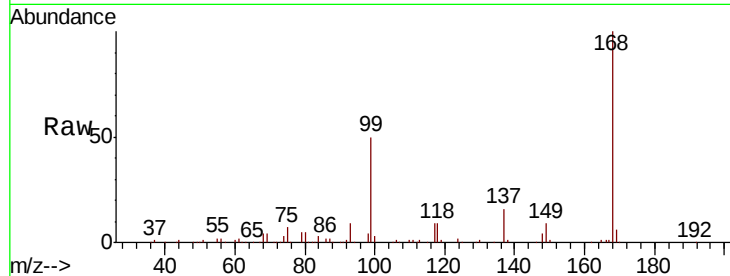
Instrument :
MSVOA_N
ClientSampleId :
CHRT-27245

Tot Ion:168 Resp: 622764

Ion Ratio Lower Upper

168 100

99 50.5 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

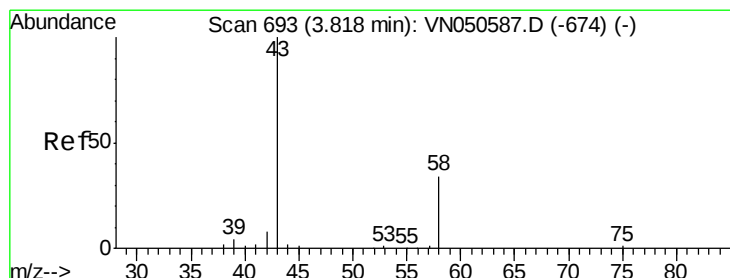
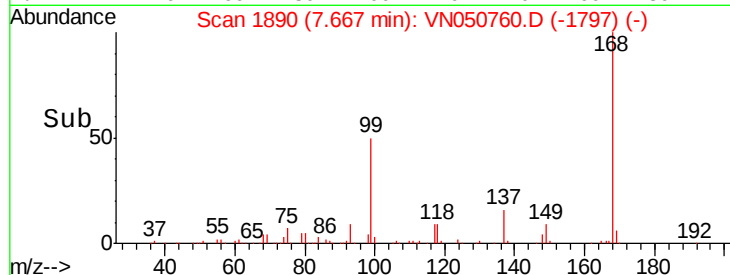
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 4.34 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN050760.D

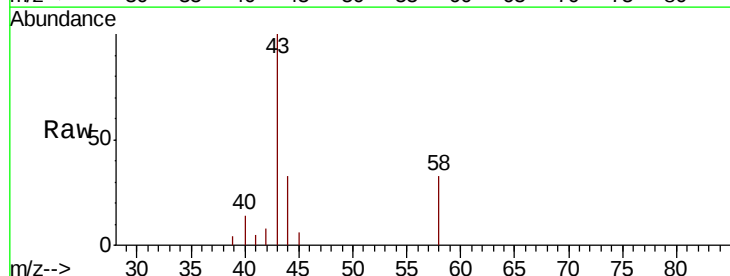
Acq: 18 Aug 2018 8:41

Tgt Ion: 43 Resp: 11293

Ion Ratio Lower Upper

43 100

58 34.9 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.83

5000

4000

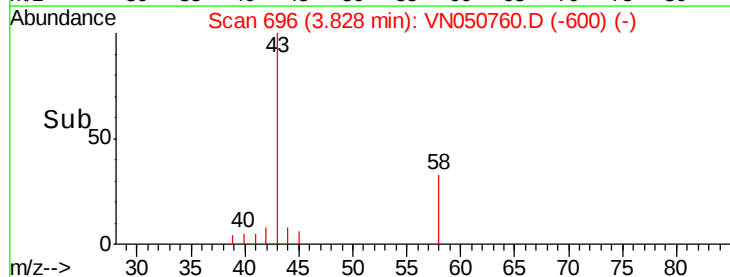
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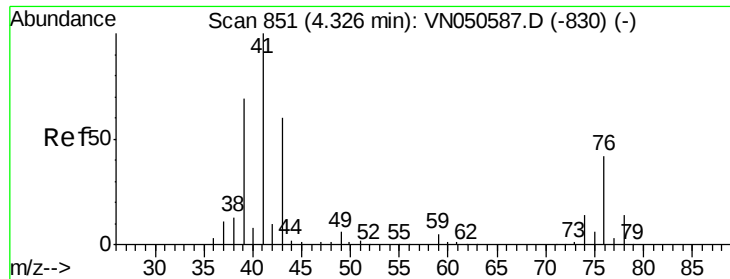
2000

1000

0

Time-->

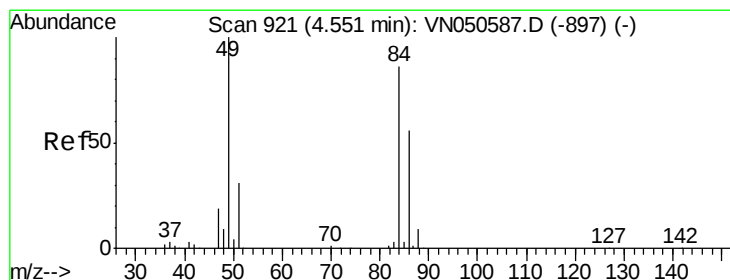
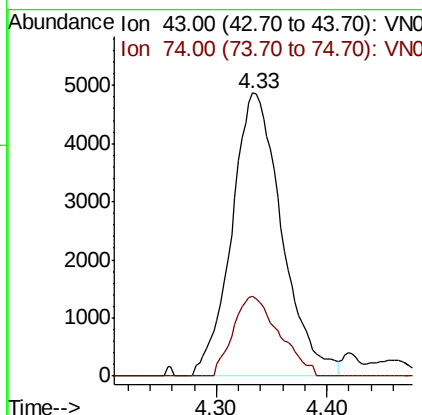
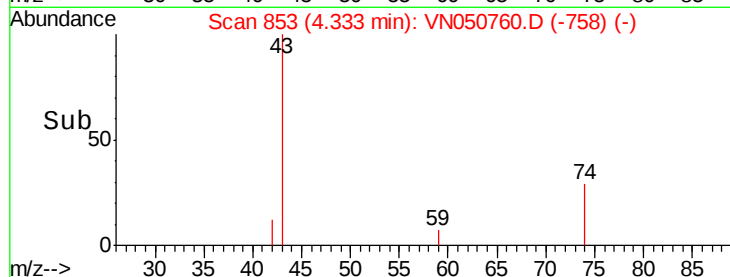
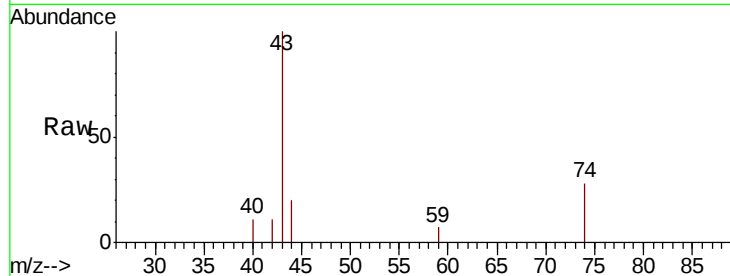




#18
Methyl Acetate
Concen: 1.83 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN050760.D
Acq: 18 Aug 2018 8:41

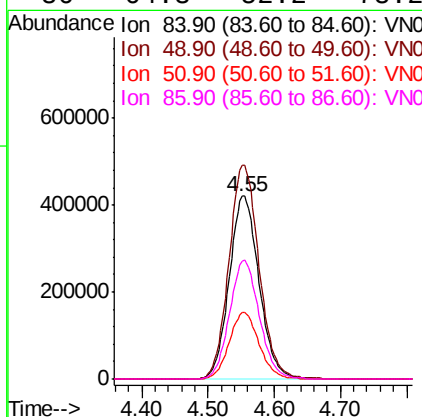
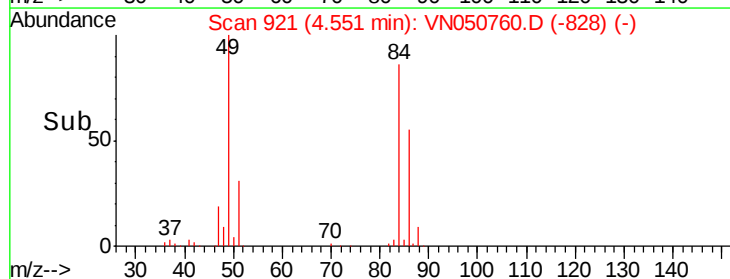
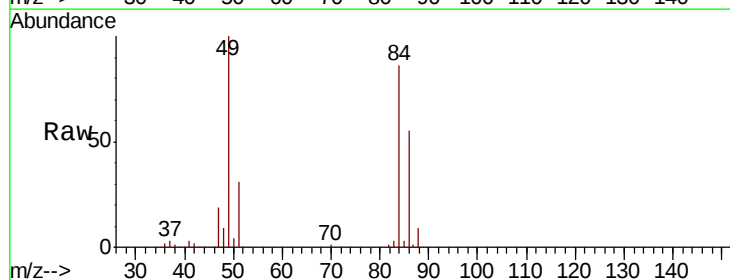
Instrument :
MSVOA_N
ClientSampled :
CHRT-27245

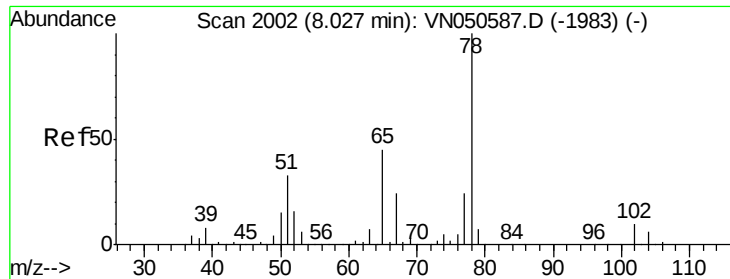
Tot Ion: 43 Resp: 15353
Ion Ratio Lower Upper
43 100
74 25.9 19.7 29.5



#20
Methylene Chloride
Concen: 179.43 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN050760.D
Acq: 18 Aug 2018 8:41

Tgt Ion: 84 Resp: 1314222
Ion Ratio Lower Upper
84 100
49 116.5 92.6 138.8
51 36.1 28.6 43.0
86 64.3 52.2 78.2





#33

1,2-Dichloroethane-d4

Concen: 52.83 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050760.D

Acq: 18 Aug 2018 8:41

Instrument :

MSVOA_N

ClientSampleId :

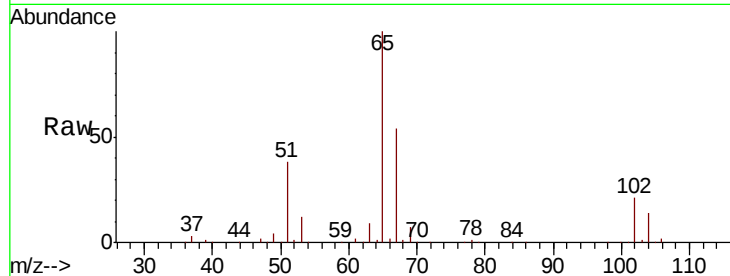
CHRT-27245

Tot Ion: 65 Resp: 414719

Ion Ratio Lower Upper

65 100

67 54.3 0.0 109.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

200000

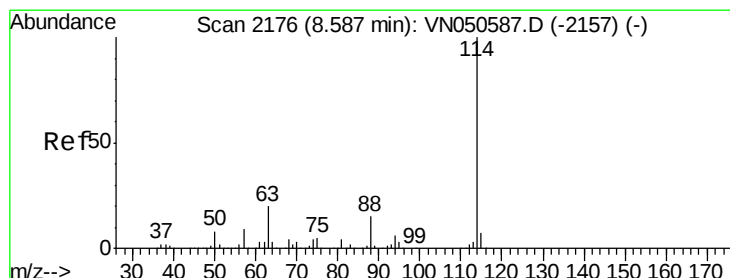
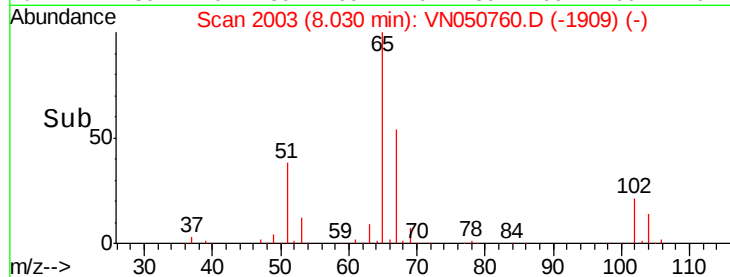
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. 0.00 min

Lab File: VN050760.D

Acq: 18 Aug 2018 8:41

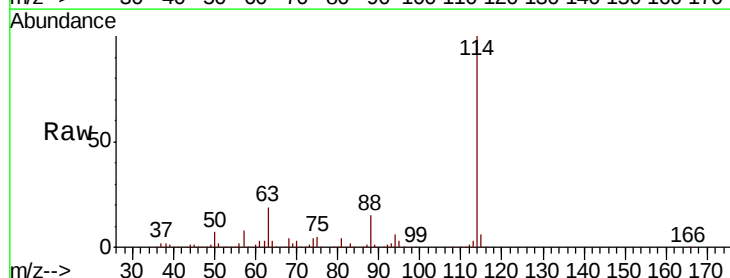
Tgt Ion: 114 Resp: 1023694

Ion Ratio Lower Upper

114 100

63 19.3 0.0 40.0

88 15.2 0.0 30.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

600000

500000

400000

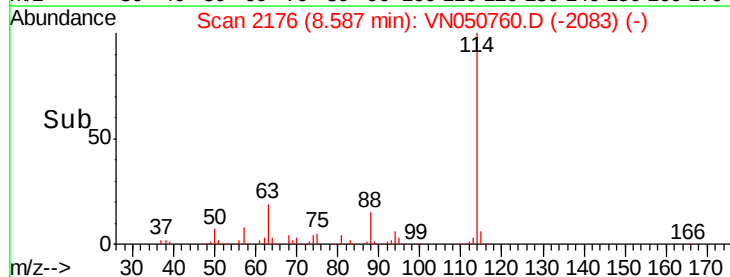
300000

200000

100000

0

Time-->

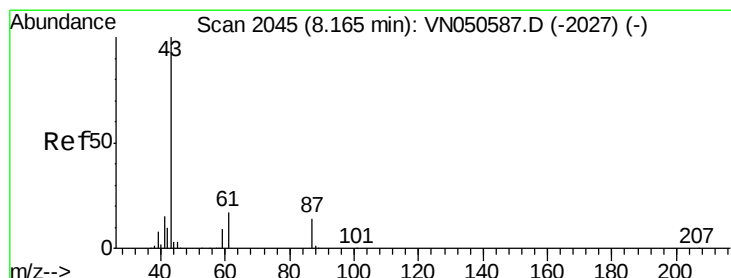
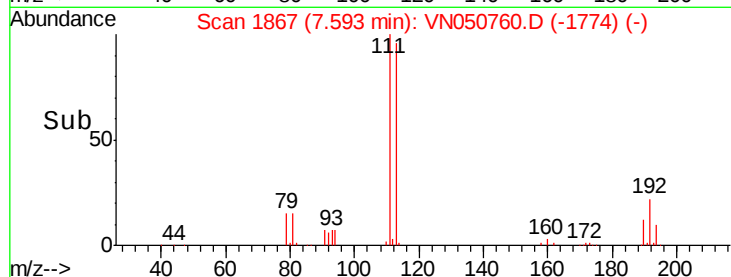
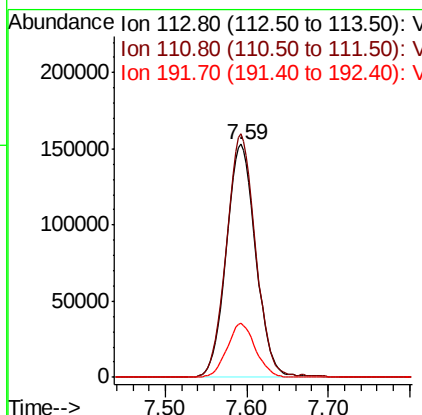
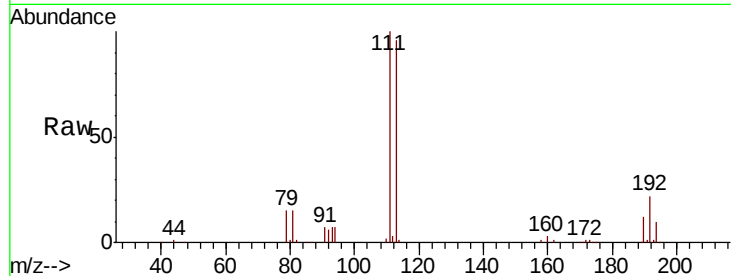




#35
 Dibromofluoromethane
 Concen: 47.59 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050760.D
 Acq: 18 Aug 2018 8:41

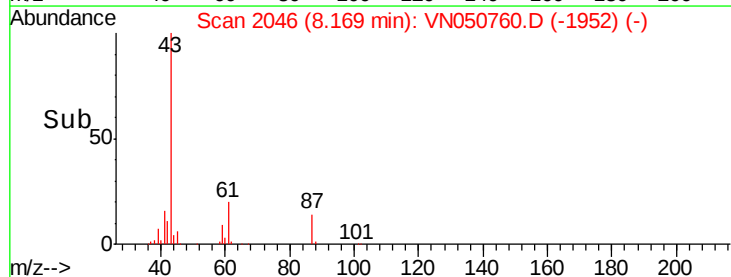
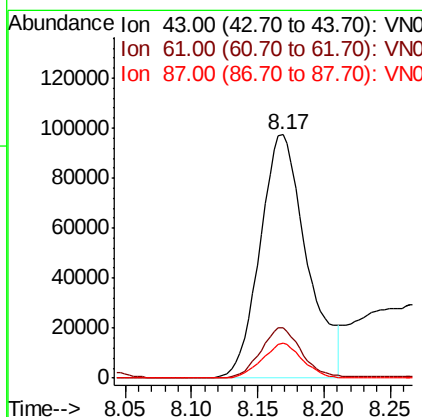
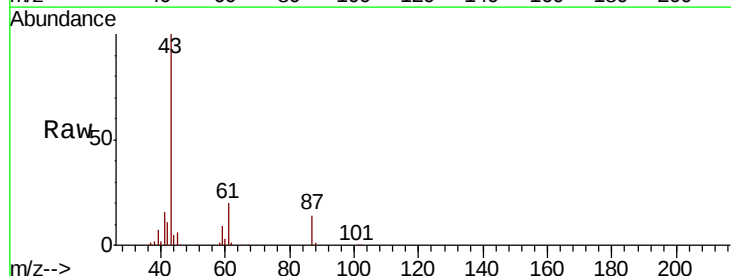
Instrument :
 MSVOA_N
 ClientSampleId :
 CHRT-27245

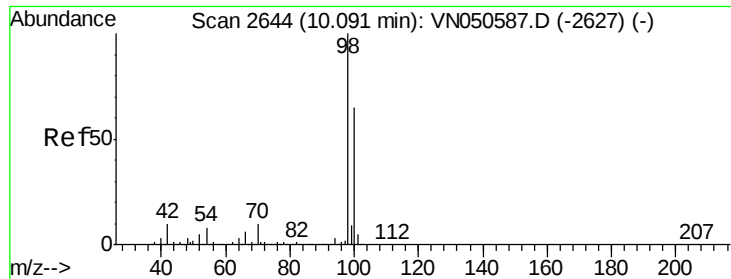
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.0	121.6
192	22.4	17.6	26.4



#43
 Isopropyl Acetate
 Concen: 20.39 ug/l
 RT: 8.17 min Scan# 2046
 Delta R.T. 0.00 min
 Lab File: VN050760.D
 Acq: 18 Aug 2018 8:41

Tgt Ion	Ratio	Lower	Upper
43	100		
61	18.1	16.2	24.2
87	12.3	10.9	16.3





#50

Toluene-d8

Concen: 46.58 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN050760.D

Acq: 18 Aug 2018 8:41

Instrument :

MSVOA_N

ClientSampleId :

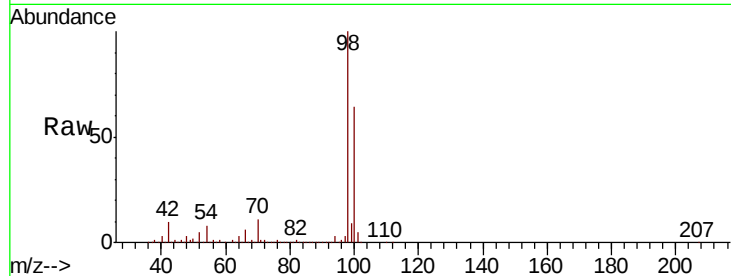
CHRT-27245

Tot Ion: 98 Resp: 1432706

Ion Ratio Lower Upper

98 100

100 63.1 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN050587.D (-2627) (-)

Ion 100.00 (99.70 to 100.70): VN050587.D (-2627) (-)

10.09

800000

600000

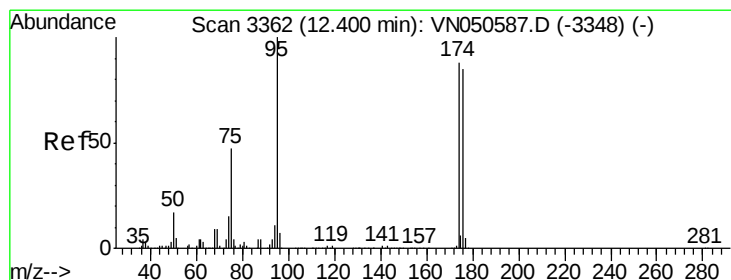
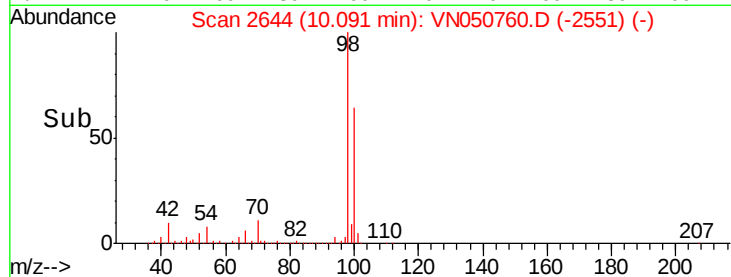
400000

200000

0

10.00 10.10 10.20 10.30

Time-->



#62

4-Bromofluorobenzene

Concen: 40.45 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050760.D

Acq: 18 Aug 2018 8:41

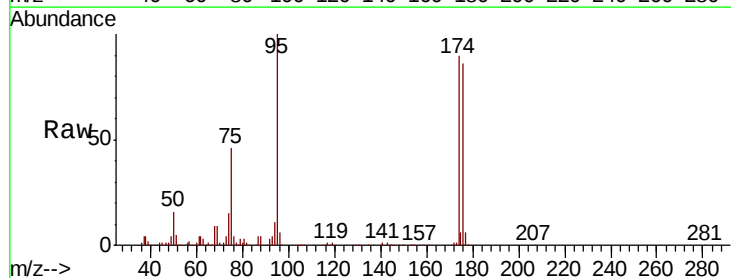
Tgt Ion: 95 Resp: 410987

Ion Ratio Lower Upper

95 100

174 91.7 0.0 177.8

176 87.7 0.0 175.0



Abundance Ion 94.90 (94.60 to 95.60): VN050587.D (-3348) (-)

Ion 173.80 (173.50 to 174.50): VN050587.D (-3348) (-)

Ion 175.80 (175.50 to 176.50): VN050587.D (-3348) (-)

12.40

300000

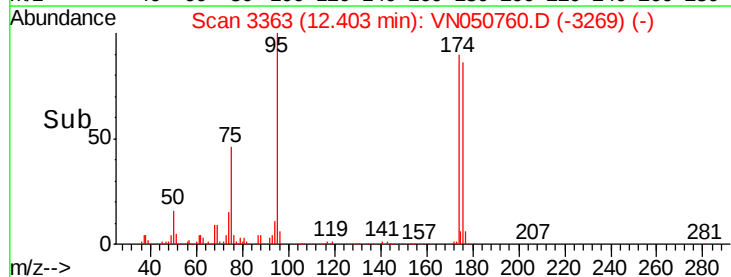
200000

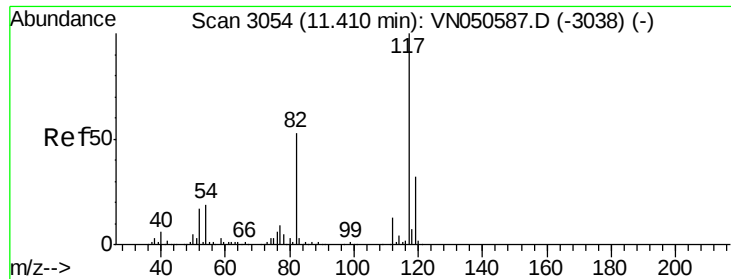
100000

0

12.30 12.40 12.50

Time-->

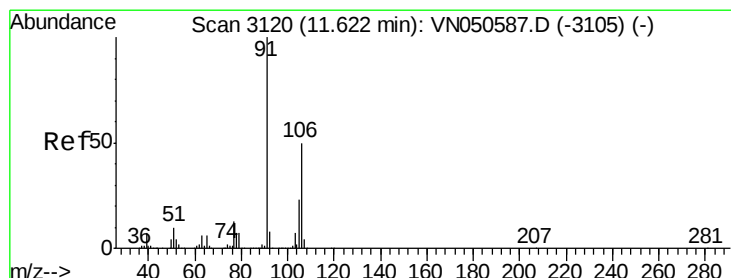
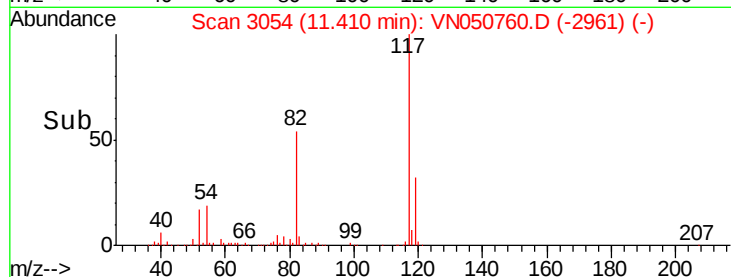
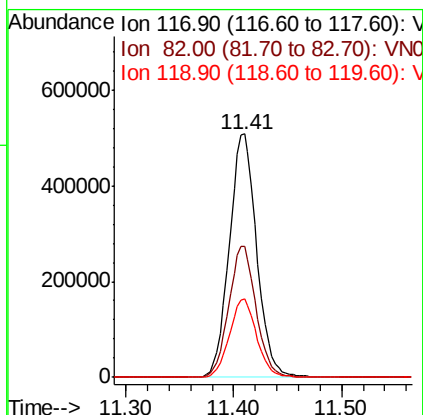
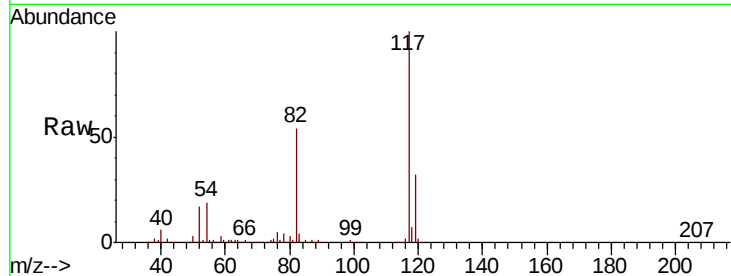




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050760.D
Acq: 18 Aug 2018 8:41

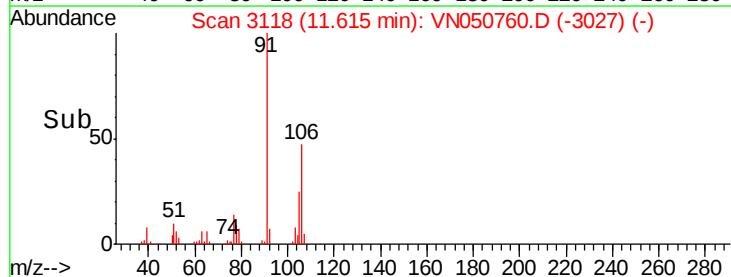
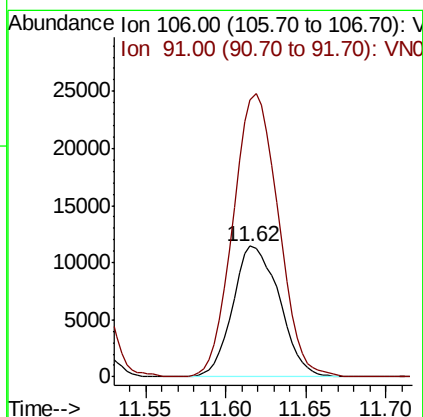
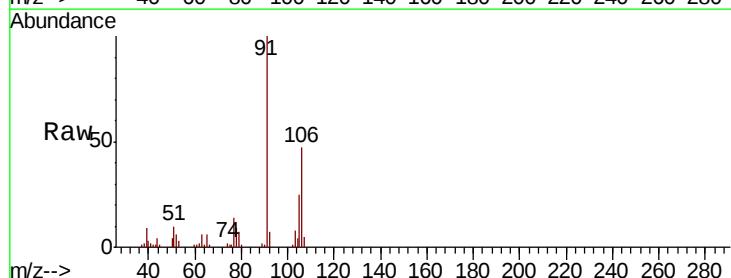
Instrument :
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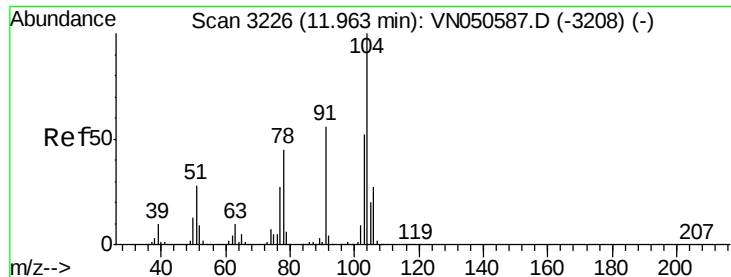
Tot Ion:117 Resp: 899367
Ion Ratio Lower Upper
117 100
82 53.6 42.4 63.6
119 32.1 25.8 38.8



#68
m/p-Xylenes
Concen: 1.65 ug/l
RT: 11.62 min Scan# 3118
Delta R.T. -0.01 min
Lab File: VN050760.D
Acq: 18 Aug 2018 8:41

Tgt Ion:106 Resp: 22770
Ion Ratio Lower Upper
106 100
91 210.6 161.5 242.3

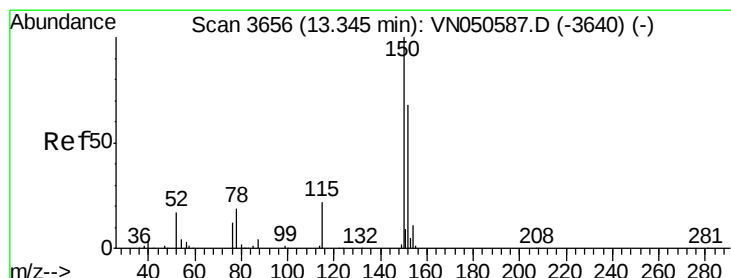
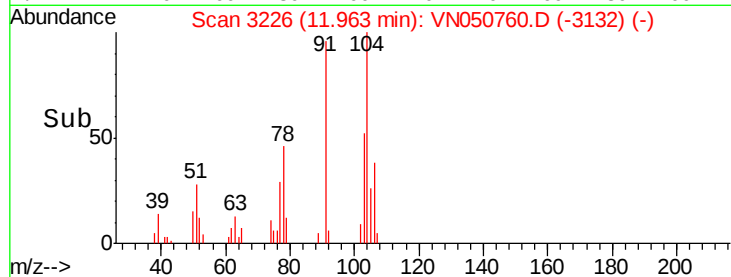
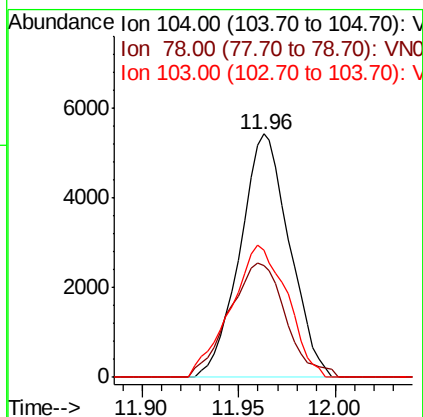
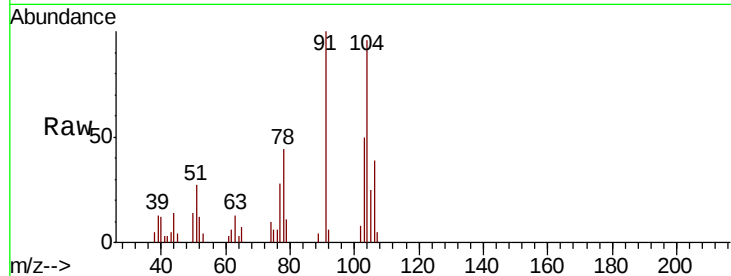




#70
Stvrene
Concen: 1.34 ug/l
RT: 11.96 min Scan# 3226
Delta R.T. 0.00 min
Lab File: VN050760.D
Acq: 18 Aug 2018 8:41

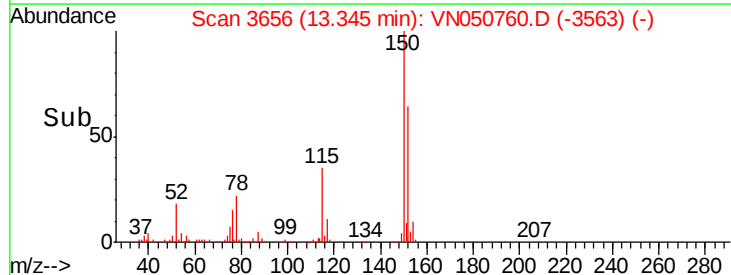
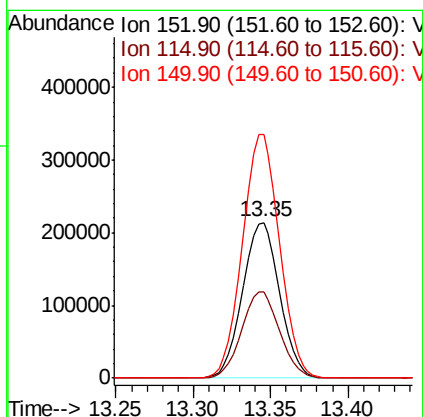
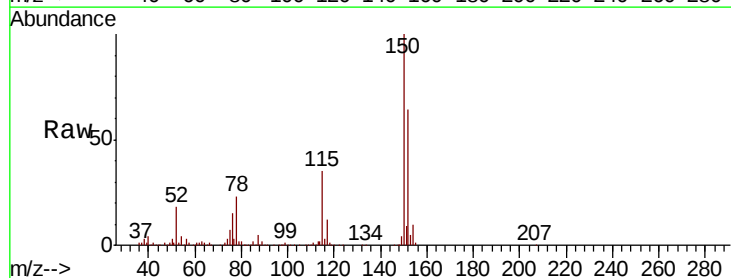
Instrument :
MSVOA_N
ClientSampleId :
CHRT-27245

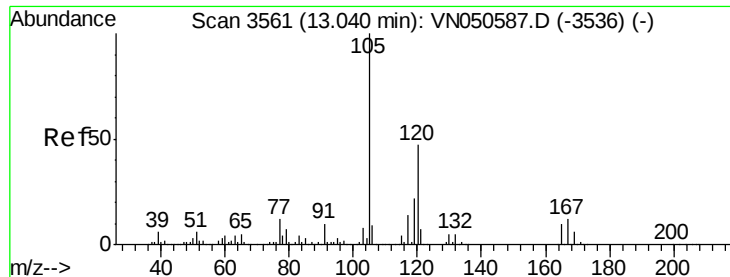
Tot Ion	Ratio	Lower	Upper
104	100		
78	53.6	39.1	58.7
103	61.7	44.9	67.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050760.D
Acq: 18 Aug 2018 8:41

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.6	28.1	84.2
150	156.7	0.0	347.8

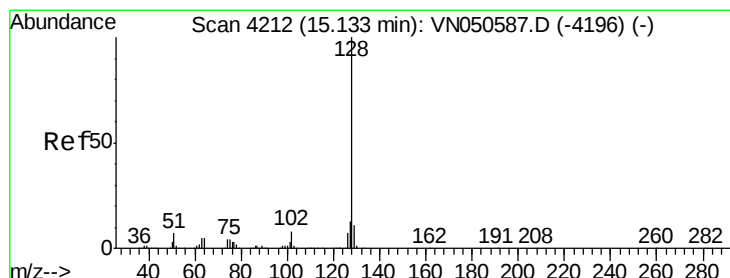
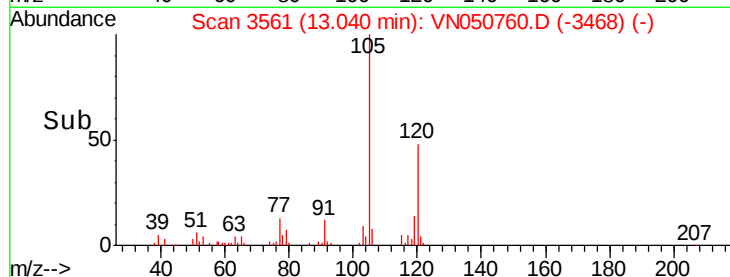
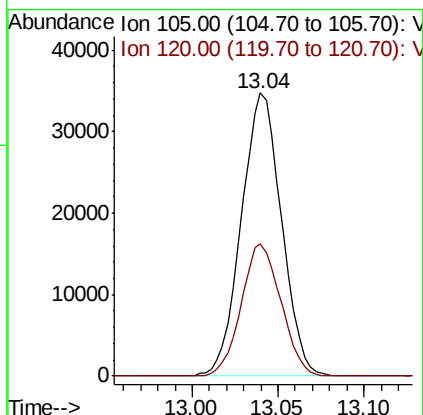
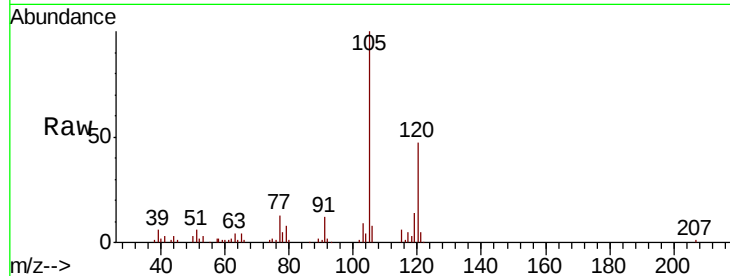




#84
 1,2,4-Trimethylbenzene
 Concen: 2.51 ug/l
 RT: 13.04 min Scan# 3561
 Delta R.T. 0.00 min
 Lab File: VN050760.D
 Acq: 18 Aug 2018 8:41

Instrument :
 MSVOA_N
 ClientSampleId :
 CHRT-27245

Tot Ion:105 Resp: 56419
 Ion Ratio Lower Upper
 105 100
 120 46.1 23.2 69.5



#95
 Naphthalene
 Concen: 25.35 ug/l
 RT: 15.13 min Scan# 4212
 Delta R.T. 0.00 min
 Lab File: VN050760.D
 Acq: 18 Aug 2018 8:41

Tgt Ion:128 Resp: 320305
 Ion Ratio Lower Upper
 128 100
 127 13.2 10.3 15.5
 129 10.8 8.5 12.7

