

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 00:52:55 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

33) 1,2-Dichloroethane-d4	8.03	65	414719	52.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.66%	
35) Dibromofluoromethane	7.59	113	388952	47.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.18%	
50) Toluene-d8	10.09	98	1432706	46.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.16%	
62) 4-Bromofluorobenzene	12.40	95	410987	40.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.90%	

Target Compounds

						Qvalue
3) Chloromethane	2.06	50	2676	Below Cal		99
5) Bromomethane	2.57	94	2637	Below Cal		95
6) Chloroethane	2.70	64	32	Below Cal	#	43
10) Methyl Iodide	3.95	142	247	6.99	ug/l #	42
14) Allyl chloride	4.55	41	46309	4.41	ug/l #	26
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
25) 2-Butanone	6.85	43	3059	0.95	ug/l #	78
29) Tetrahydrofuran	7.21	42	861	0.51	ug/l #	73
30) Chloroform	7.37	83	9074	0.64	ug/l	91
31) Cyclohexane	7.67	56	11017	0.58	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	42217	3.70	ug/l #	48
37) Ethyl Acetate	6.85	43	3059	0.47	ug/l #	67
38) Carbon Tetrachloride	7.67	117	55170	4.67	ug/l #	17
43) Isopropyl Acetate	8.17	43	239320	20.39	ug/l	96
48) Methyl methacrylate	9.18	41	7627	1.29	ug/l #	16
51) 4-Methyl-2-Pentanone	9.99	43	1893	0.24	ug/l #	86
52) Toluene	10.16	92	16707	0.81	ug/l	99
56) Ethyl methacrylate	10.23	69	2164	2.12	ug/l #	43
59) 2-Hexanone	10.77	43	15318	2.99	ug/l #	61
67) Ethyl Benzene	11.51	91	27311	0.76	ug/l	97
68) m/p-Xylenes	11.62	106	22770	1.65	ug/l	94
69) o-Xylene	11.95	106	9551	0.72	ug/l	98
70) Styrene	11.96	104	9632	1.34	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.40	83	145	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	194493	33.32	ug/l #	100
78) n-propylbenzene	12.59	91	8440	0.27	ug/l	94
79) 2-Chlorotoluene	12.66	91	5117	0.26	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.73	105	16962	0.76	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	194493	120.90	ug/l #	13
83) tert-Butylbenzene	13.04	119	8998	0.46	ug/l #	75
84) 1,2,4-Trimethylbenzene	13.04	105	56419	2.51	ug/l	100
90) Hexachloroethane	13.89	117	2462	0.57	ug/l #	4

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Instrument :
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QLast Update : Tue Aug 14 08:07:08 2018
Response via : Initial Calibration

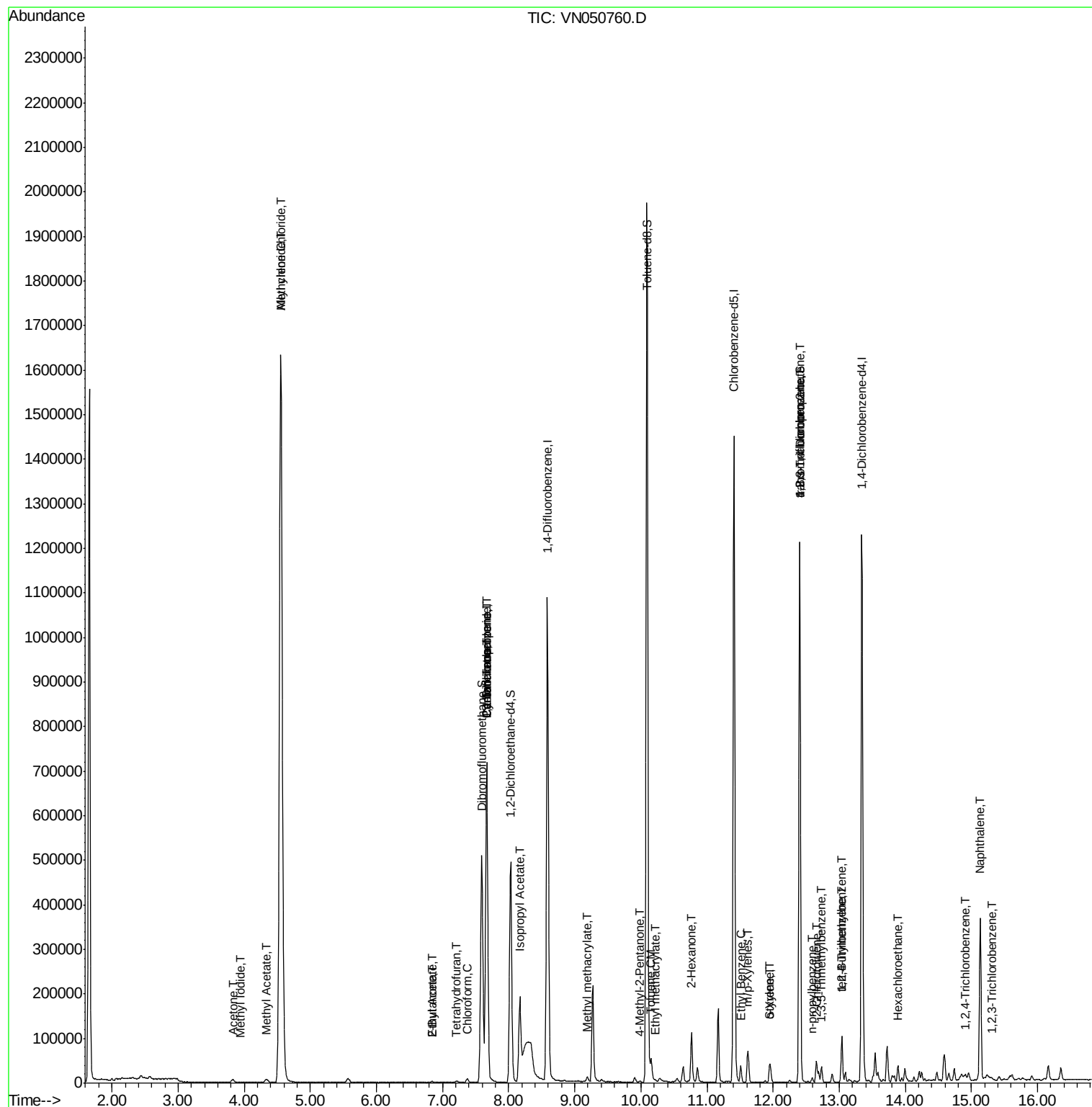
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	4120	3.28	ug/l #	83
95) Naphthalene	15.13	128	320305	25.35	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	718	2.05	ug/l #	61

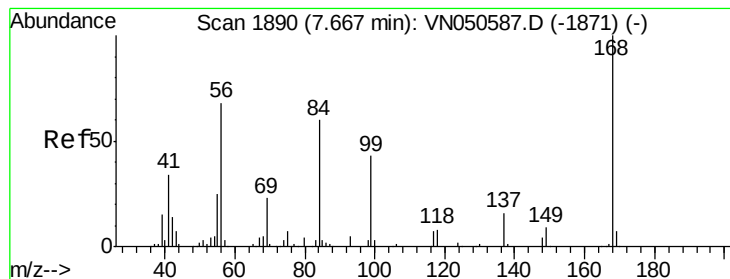
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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 :

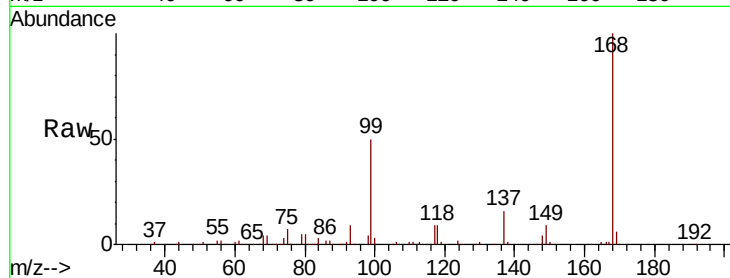
CHRT-27245

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): VN050587.D (-1871) (-)

Ion 98.90 (98.60 to 99.60): VN050587.D (-1871) (-)

7.67

250000

200000

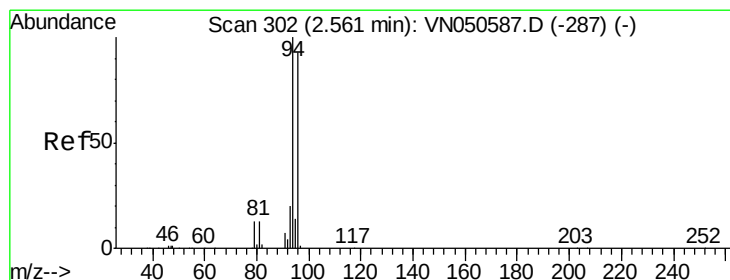
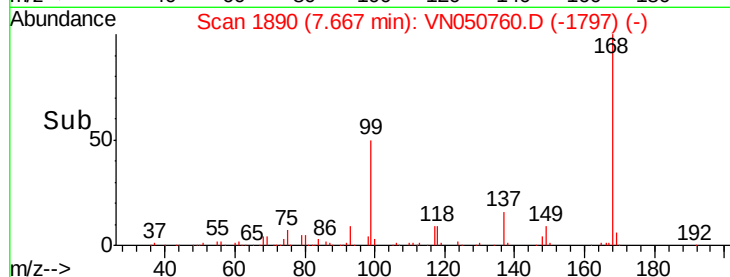
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 305

Delta R.T. 0.01 min

Lab File: VN050760.D

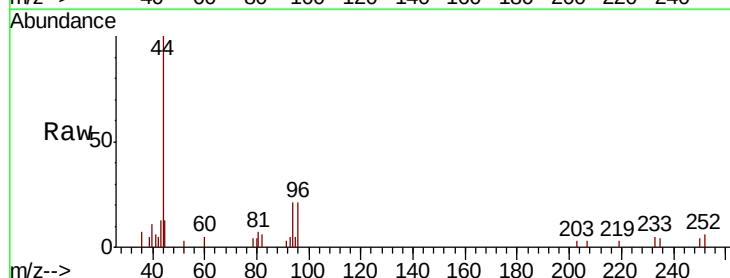
Acq: 18 Aug 2018 8:41

Tgt Ion: 94 Resp: 2637

Ion Ratio Lower Upper

94 100

96 97.2 74.0 111.0



Abundance Ion 93.90 (93.60 to 94.60): VN050587.D (-287) (-)

Ion 95.90 (95.60 to 96.60): VN050587.D (-287) (-)

2.57

1200

1000

800

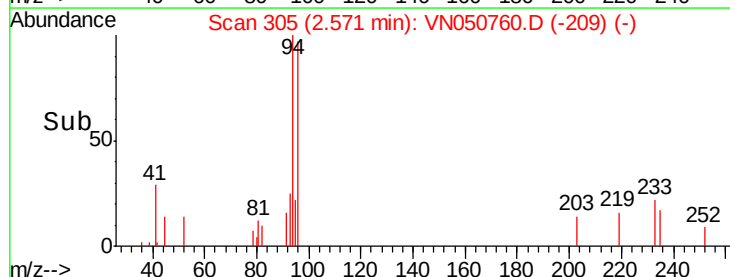
600

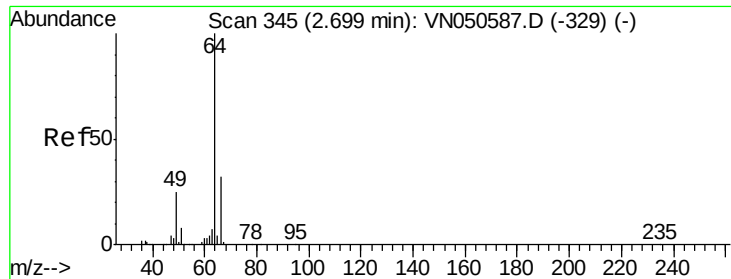
400

200

0

Time-->





#6

Chloroethane

Concen: Below Cal

RT: 2.70 min Scan# 346

Delta R.T. 0.00 min

Lab File: VN050760.D

Acq: 18 Aug 2018 8:41

Instrument :

MSVOA_N

ClientSampleId :

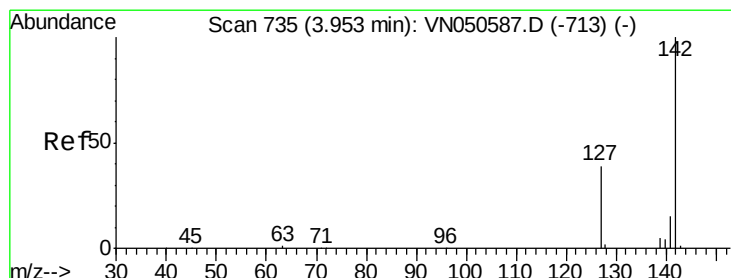
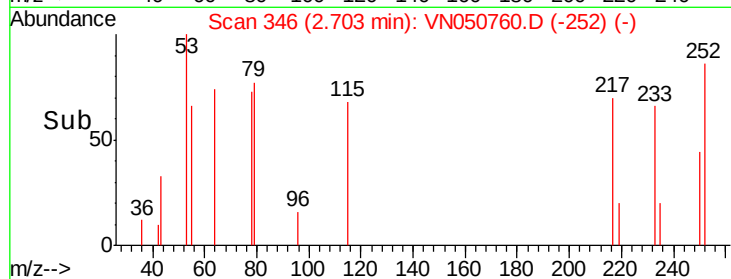
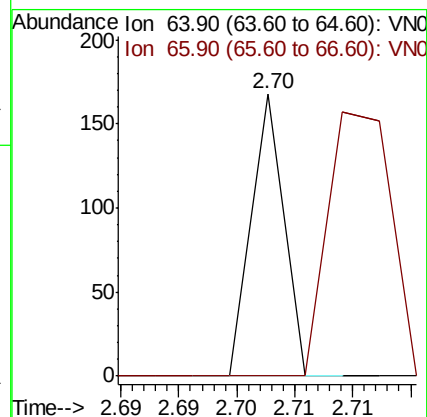
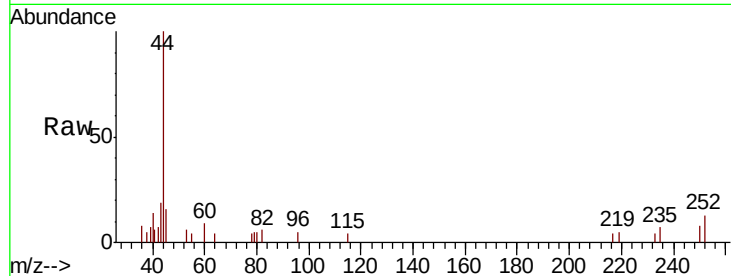
CHRT-27245

Tot Ion: 64 Resp: 32

Ion Ratio Lower Upper

64 100

66 0.0 25.7 38.5#



#10

Methyl Iodide

Concen: 6.99 ug/l

RT: 3.95 min Scan# 734

Delta R.T. -0.00 min

Lab File: VN050760.D

Acq: 18 Aug 2018 8:41

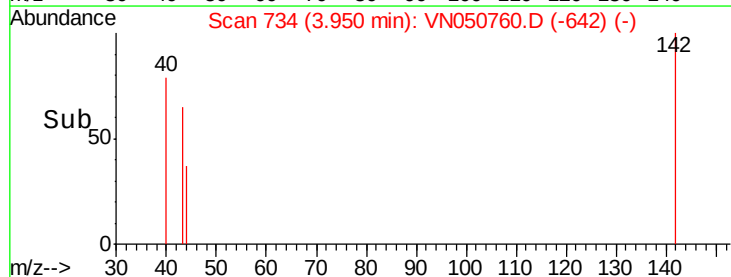
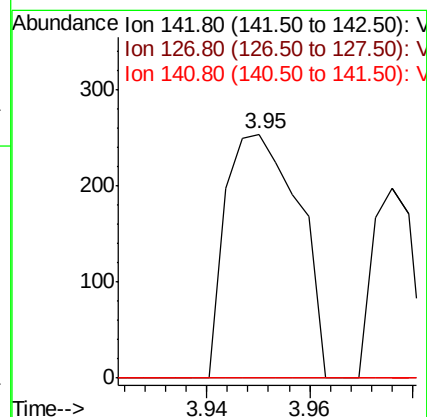
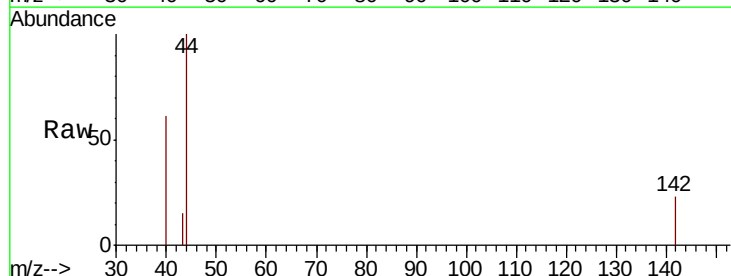
Tgt Ion: 142 Resp: 247

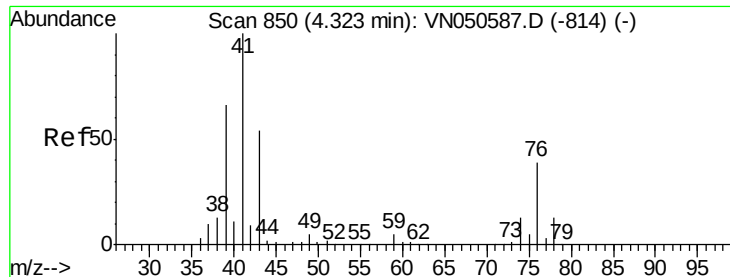
Ion Ratio Lower Upper

142 100

127 0.0 32.6 49.0#

141 0.0 11.5 17.3#

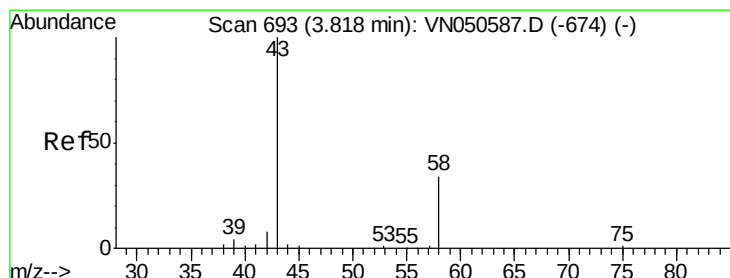
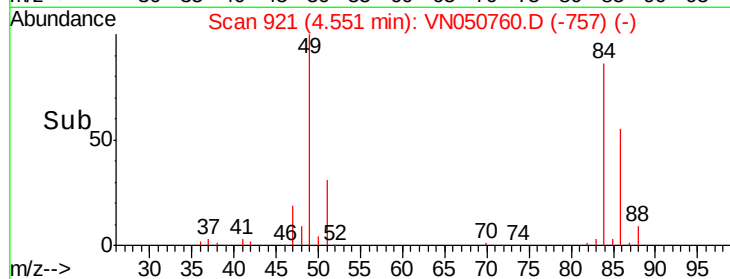
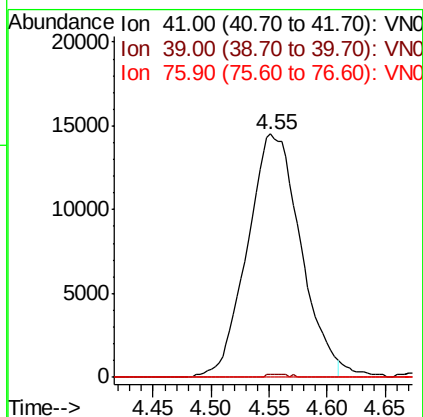
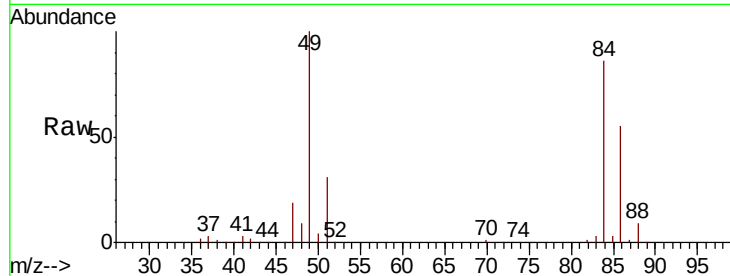




#14
Allvl chloride
Concen: 4.41 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.23 min
Lab File: VN050760.D
Acq: 18 Aug 2018 8:41

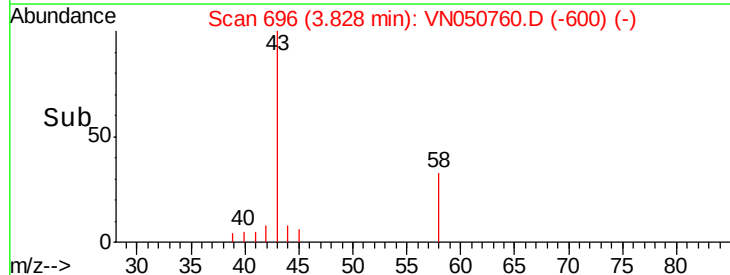
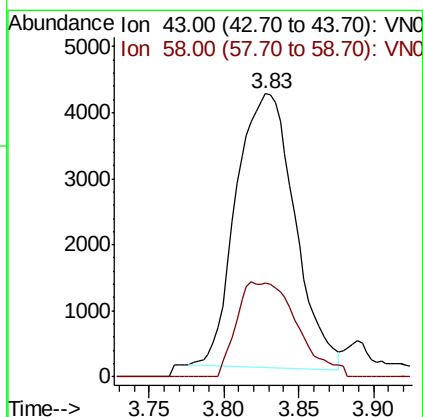
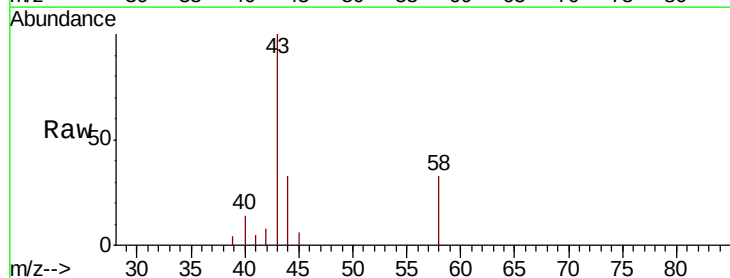
Instrument :
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ClientSampled :
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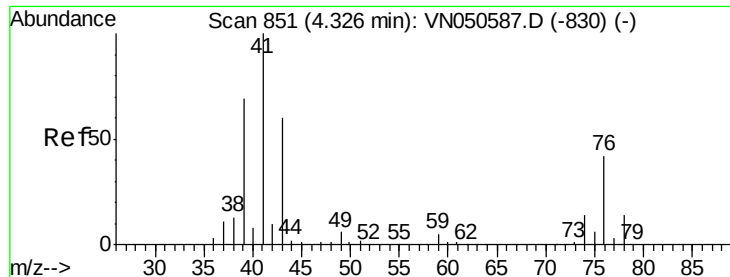
Tot Ion: 41 Resp: 46309
Ion Ratio Lower Upper
41 100
39 0.5 51.4 77.0#
76 0.0 29.4 44.0#



#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

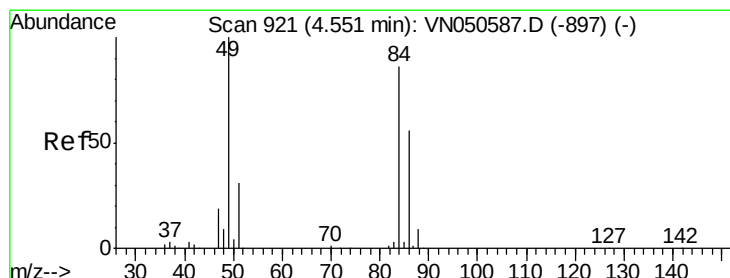
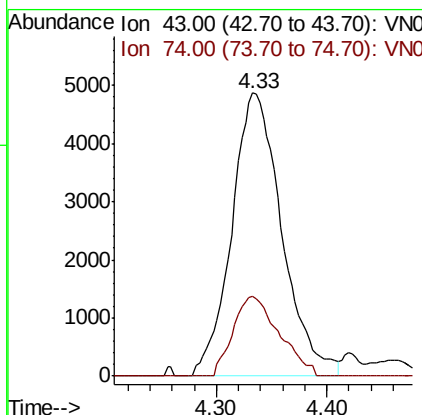
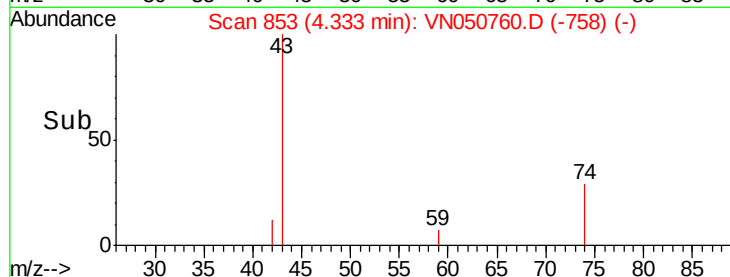
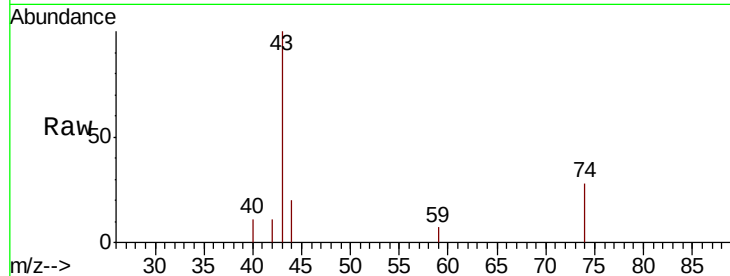




#18
Methyl Acetate
Concen: 1.83 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN050760.D
Acq: 18 Aug 2018 8:41

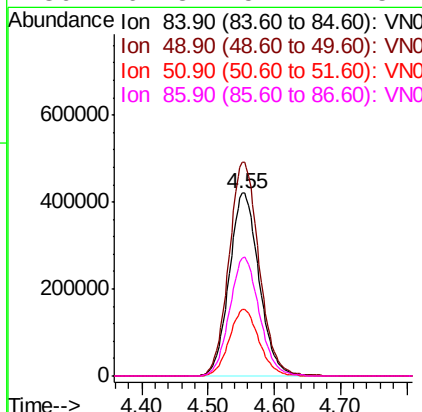
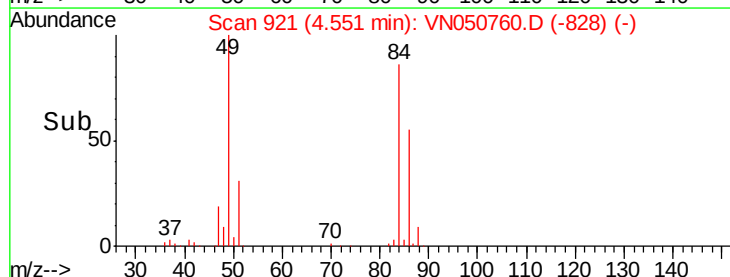
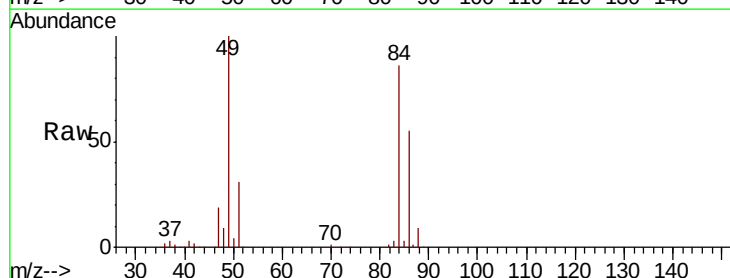
Instrument :
MSVOA_N
ClientSampled :
CHRT-27245

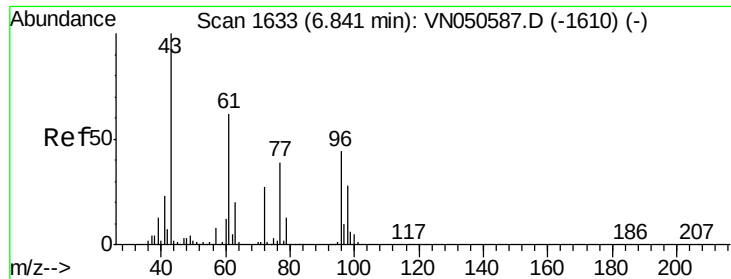
Tot Ion: 43 Resp: 15353
Ion Ratio Lower Upper
43 100
74 25.9 19.7 29.5



#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

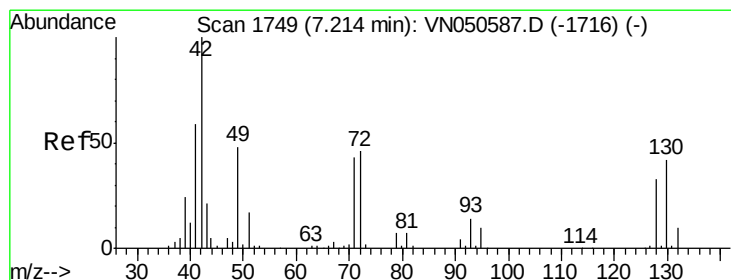
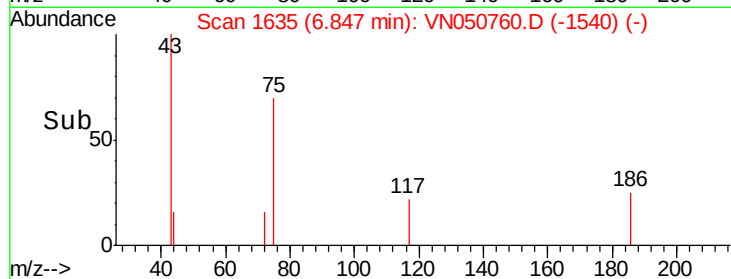
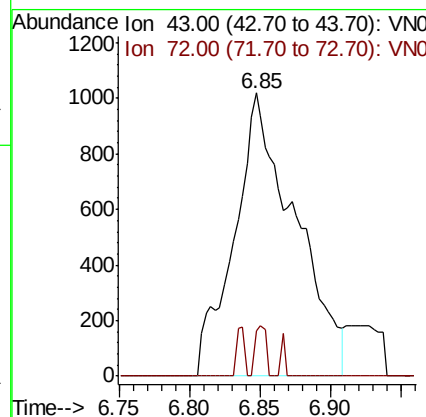
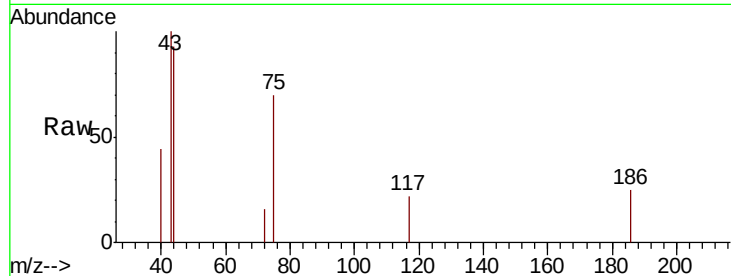




#25
 2-Butanone
 Concen: 0.95 ug/l
 RT: 6.85 min Scan# 1635
 Delta R.T. 0.01 min
 Lab File: VN050760.D
 Acq: 18 Aug 2018 8:41

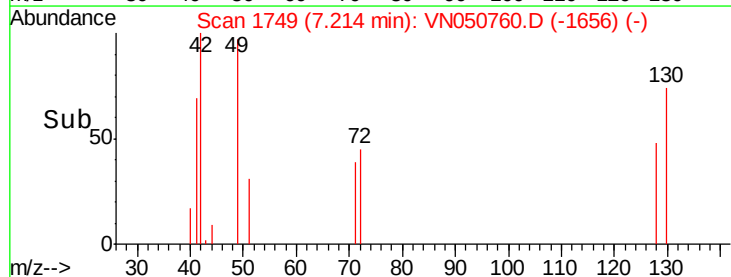
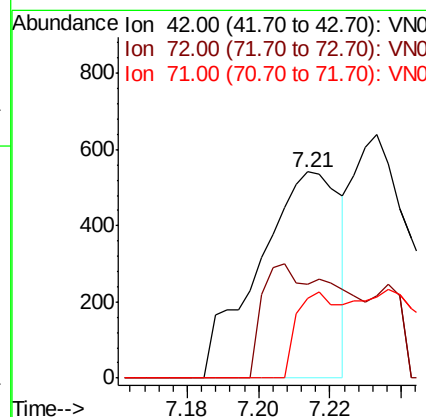
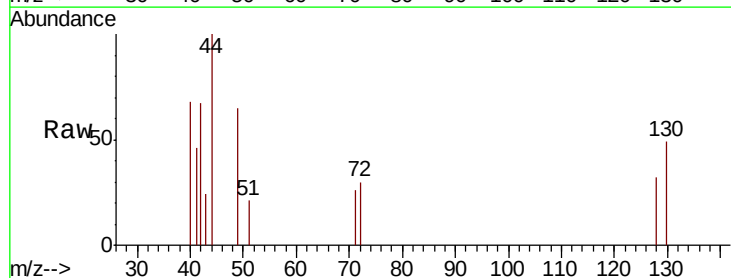
Instrument :
 MSVOA_N
 ClientSampled :
 CHRT-27245

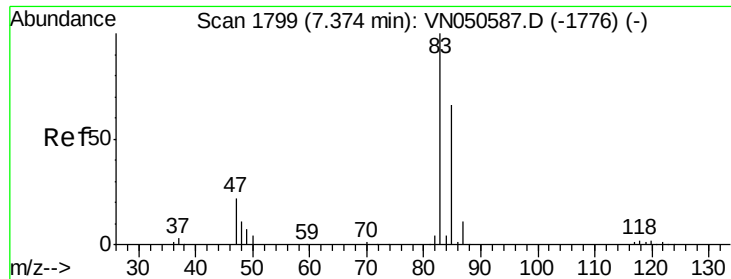
Tot Ion: 43 Resp: 3059
 Ion Ratio Lower Upper
 43 100
 72 15.9 21.8 32.6#



#29
 Tetrahydrofuran
 Concen: 0.51 ug/l
 RT: 7.21 min Scan# 1749
 Delta R.T. 0.00 min
 Lab File: VN050760.D
 Acq: 18 Aug 2018 8:41

Tgt Ion: 42 Resp: 861
 Ion Ratio Lower Upper
 42 100
 72 29.3 35.8 53.6#
 71 22.2 33.4 50.0#

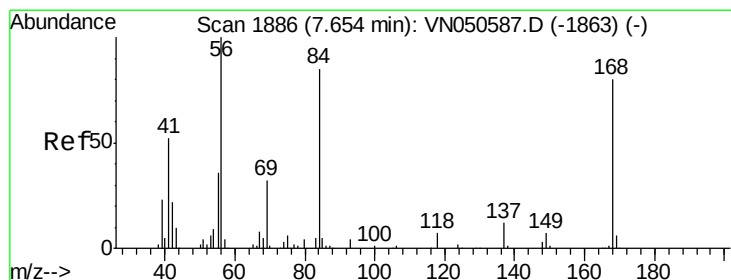
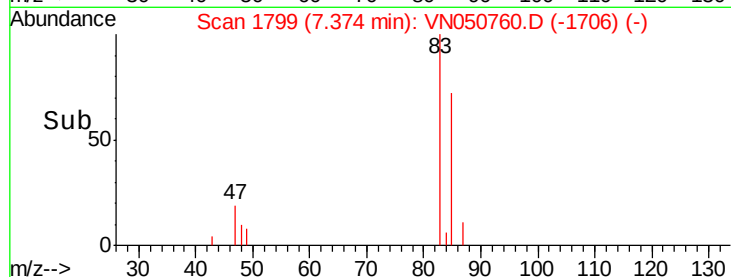
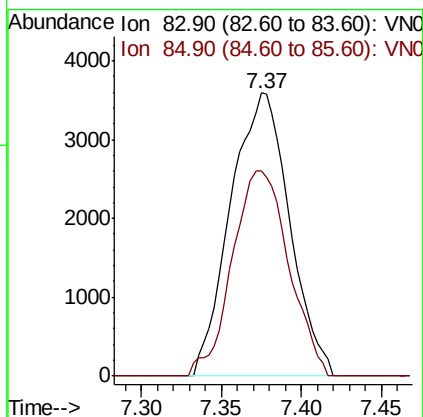
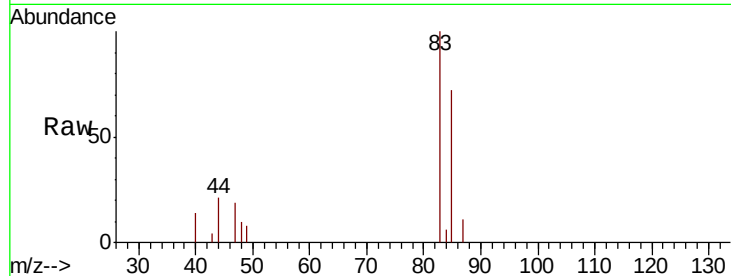




#30
Chloroform
Concen: 0.64 ug/l
RT: 7.37 min Scan# 1799
Delta R.T. 0.00 min
Lab File: VN050760.D
Acq: 18 Aug 2018 8:41

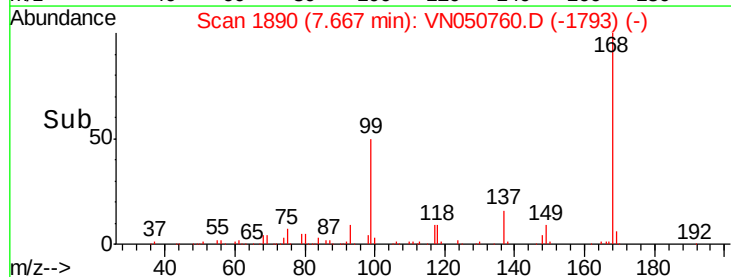
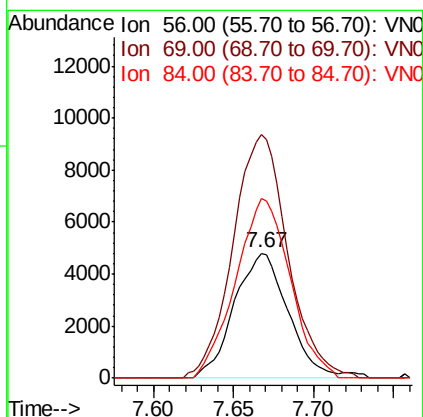
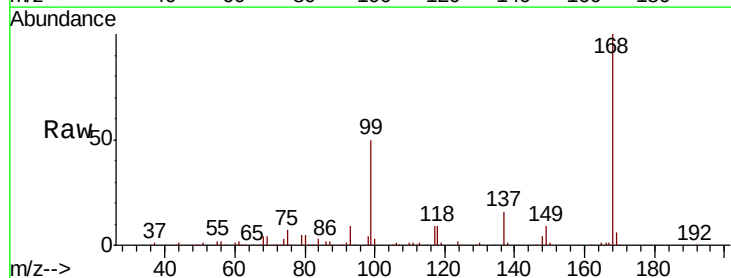
Instrument :
MSVOA_N
ClientSampleId :
CHRT-27245

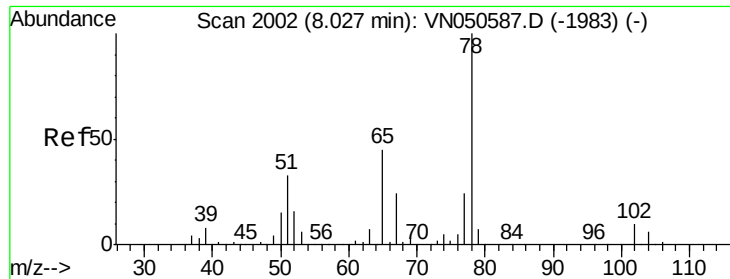
Tot Ion: 83 Resp: 9074
Ion Ratio Lower Upper
83 100
85 72.5 52.5 78.7



#31
Cyclohexane
Concen: 0.58 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. 0.01 min
Lab File: VN050760.D
Acq: 18 Aug 2018 8:41

Tgt Ion: 56 Resp: 11017
Ion Ratio Lower Upper
56 100
69 191.1 25.8 38.6#
84 143.6 67.8 101.6#

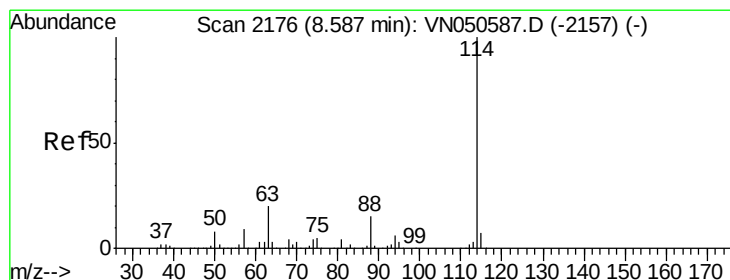
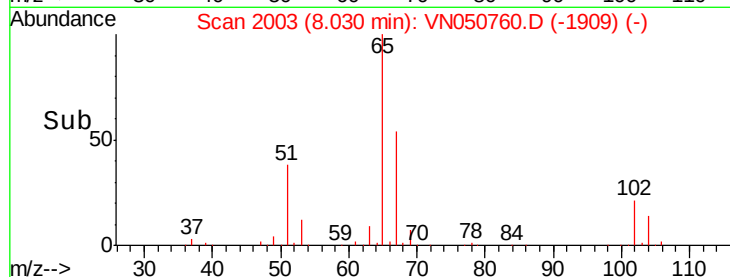
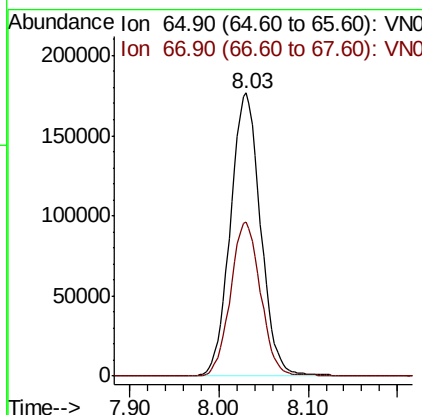
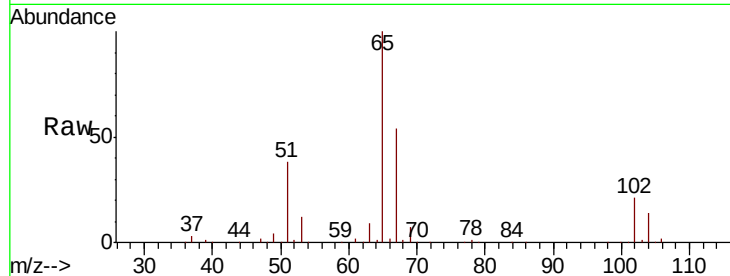




#33
 1,2-Dichloroethane-d4
 Concen: 52.83 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050760.D
 Acq: 18 Aug 2018 8:41

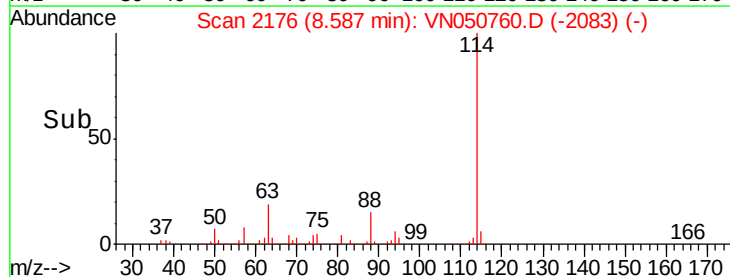
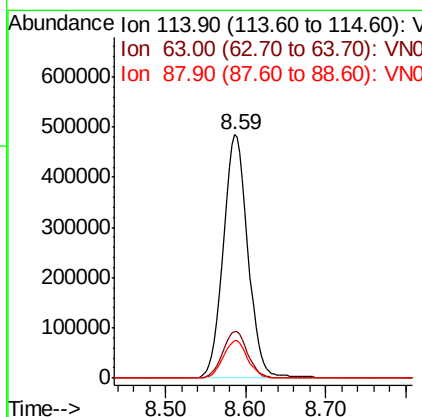
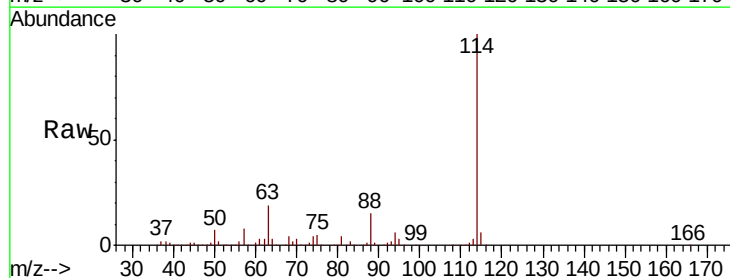
Instrument :
 MSVOA_N
 ClientSampleId :
 CHRT-27245

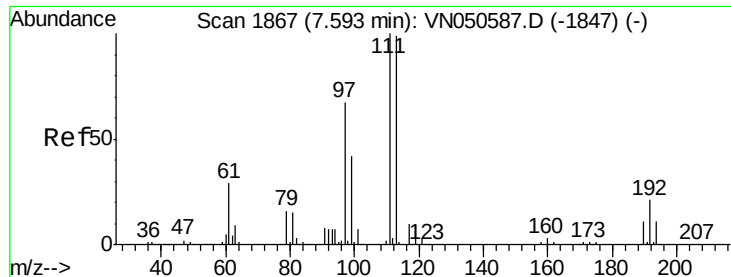
Tot Ion: 65 Resp: 414719
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 109.8



#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

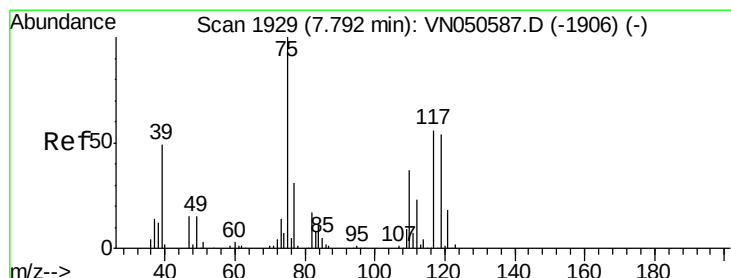
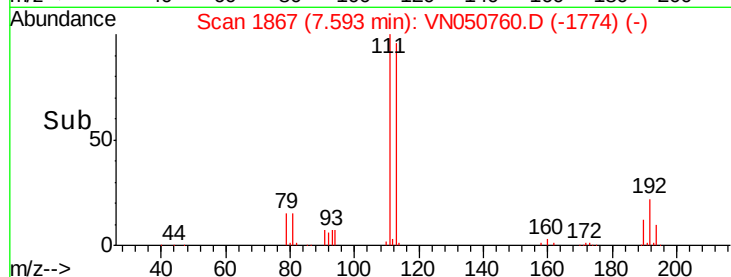
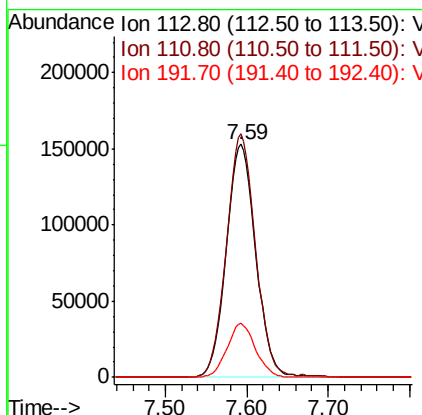
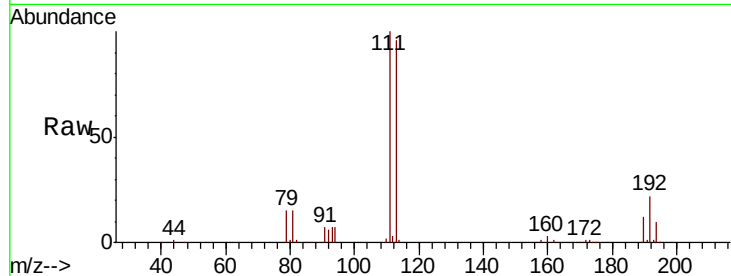




#35
 Dibromofluoromethane
 Concen: 47.59 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050760.D
 Acq: 18 Aug 2018 8:41

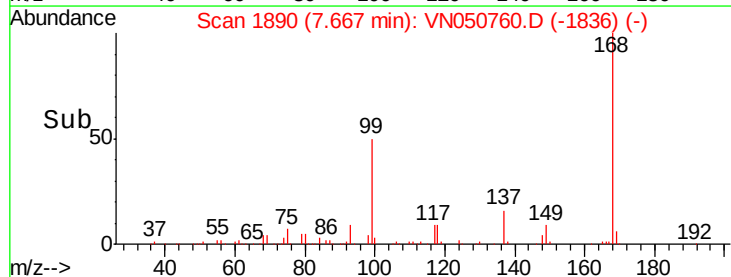
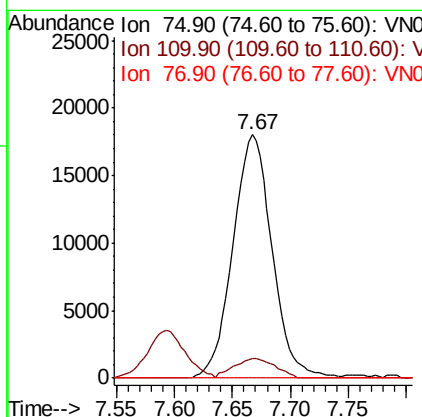
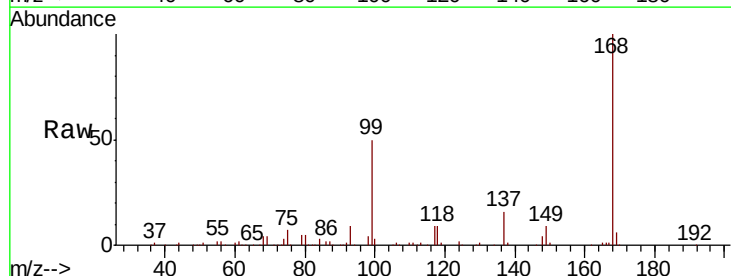
Instrument :
 MSVOA_N
 ClientSampleId :
 CHRT-27245

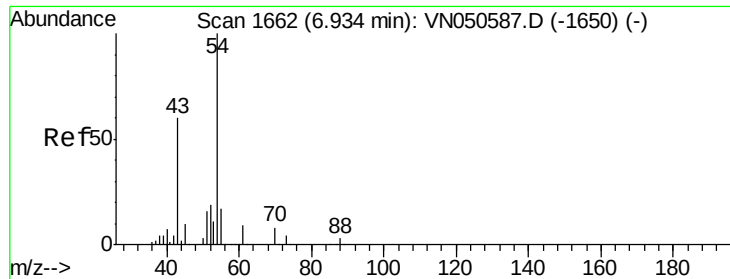
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.0	121.6
192	22.4	17.6	26.4



#36
 1,1-Dichloropropene
 Concen: 3.70 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. -0.13 min
 Lab File: VN050760.D
 Acq: 18 Aug 2018 8:41

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.5	18.3	54.9#
77	0.0	25.0	37.4#

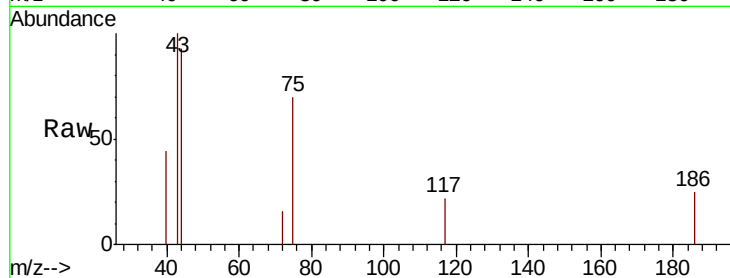




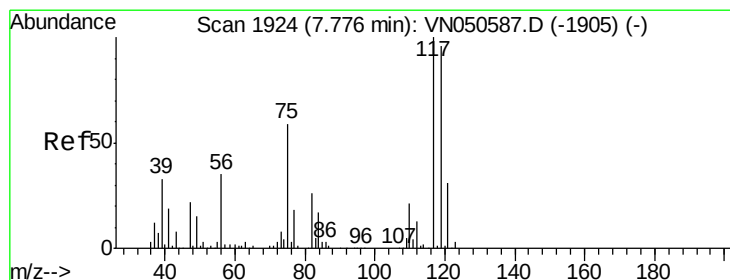
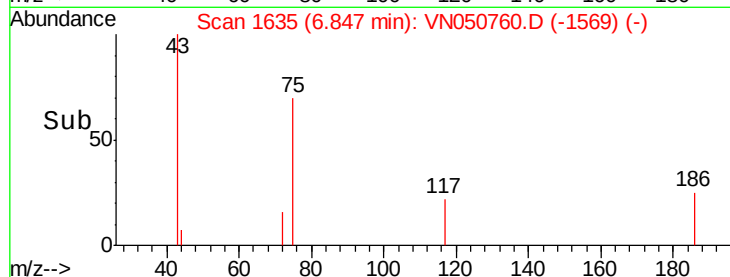
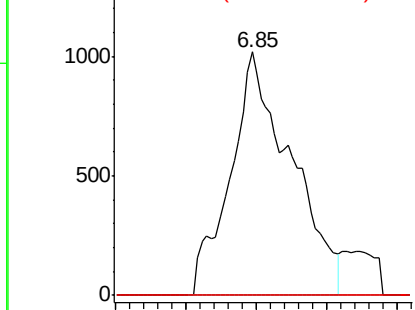
#37
Ethyl Acetate
Concen: 0.47 ug/l
RT: 6.85 min Scan# 1635
Delta R.T. -0.09 min
Lab File: VN050760.D
Acq: 18 Aug 2018 8:41

Instrument :
MSVOA_N
ClientSampleId :
CHRT-27245

Tot Ion: 43 Resp: 3059
Ion Ratio Lower Upper
43 100
61 0.0 12.0 18.0#
70 0.0 8.5 12.7#

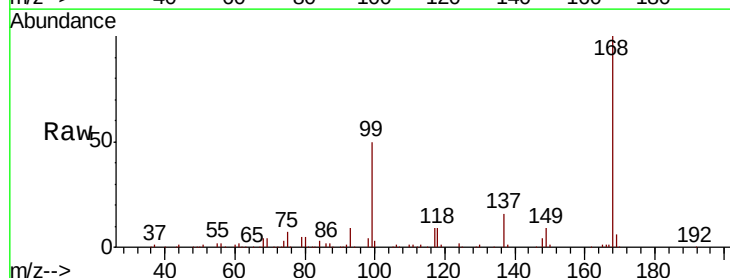


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

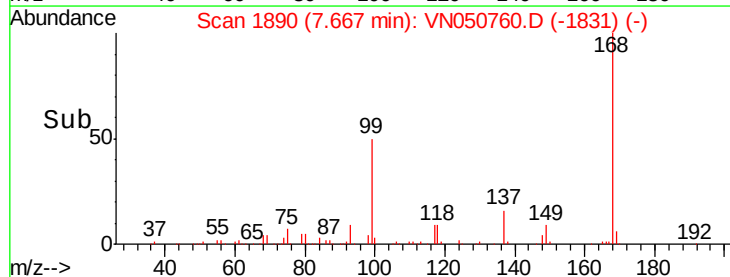
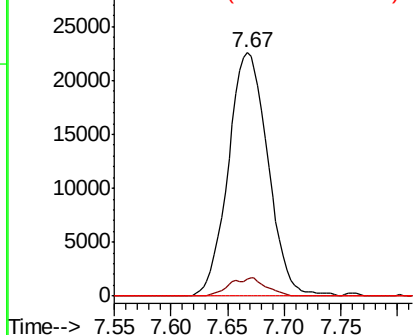


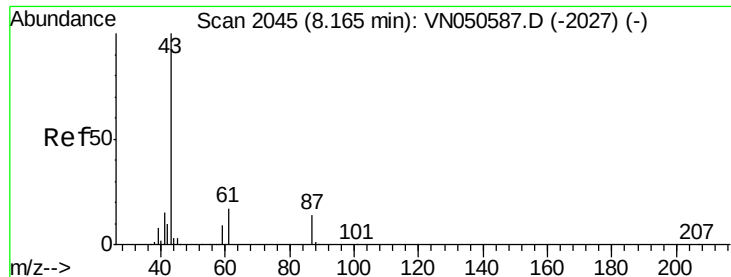
#38
Carbon Tetrachloride
Concen: 4.67 ug/l
RT: 7.67 min Scan# 1890
Delta R.T. -0.11 min
Lab File: VN050760.D
Acq: 18 Aug 2018 8:41

Tgt Ion: 117 Resp: 55170
Ion Ratio Lower Upper
117 100
119 6.9 76.6 115.0#
121 0.0 25.0 37.6#



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: 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

Instrument :

MSVOA_N

ClientSampleId :

CHRT-27245

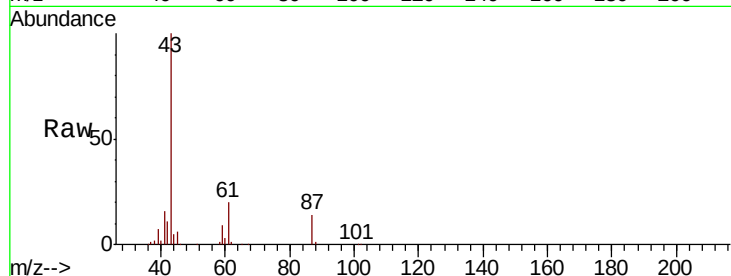
Tot Ion: 43 Resp: 239320

Ion Ratio Lower Upper

43 100

61 18.1 16.2 24.2

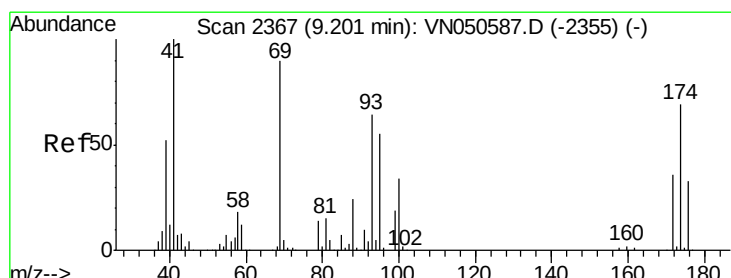
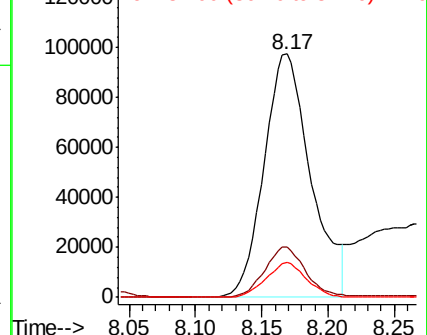
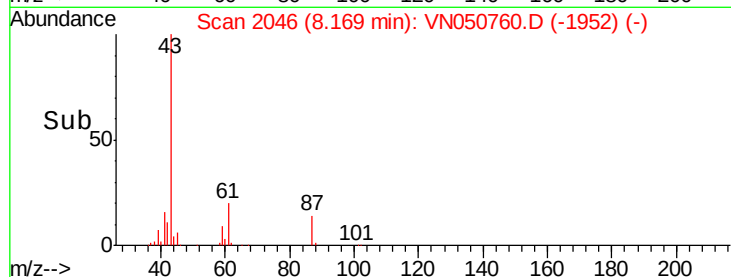
87 12.3 10.9 16.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#48

Methyl methacrylate

Concen: 1.29 ug/l

RT: 9.18 min Scan# 2362

Delta R.T. -0.02 min

Lab File: VN050760.D

Acq: 18 Aug 2018 8:41

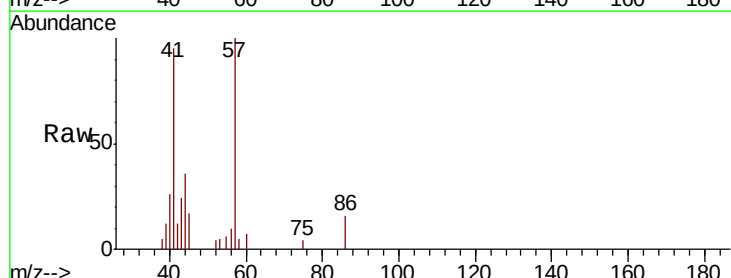
Tgt Ion: 41 Resp: 7627

Ion Ratio Lower Upper

41 100

69 0.0 73.4 110.0#

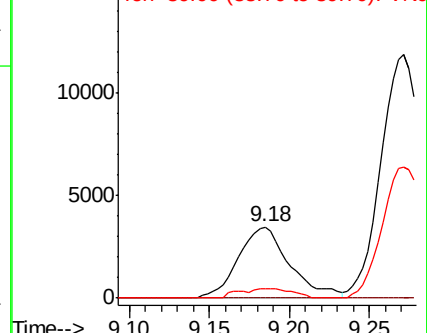
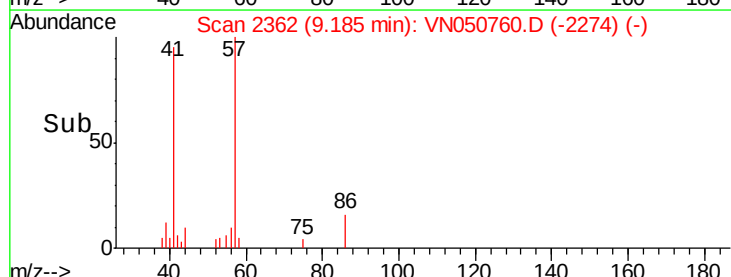
39 9.5 43.0 64.6#

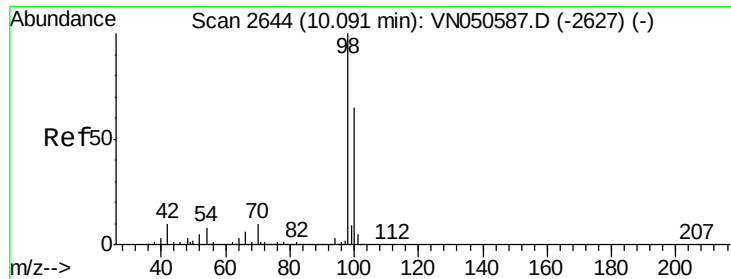


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

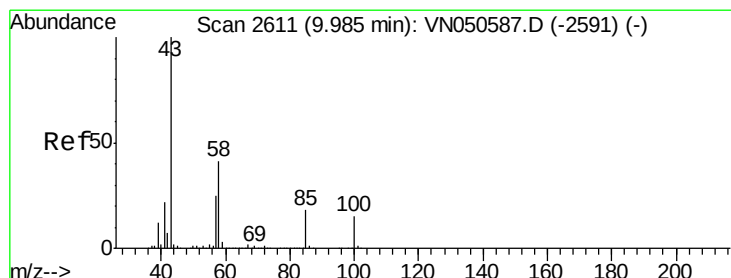
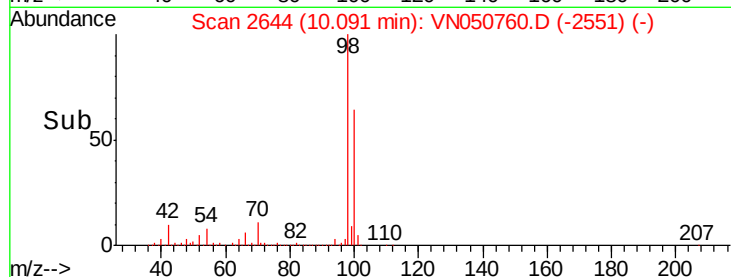
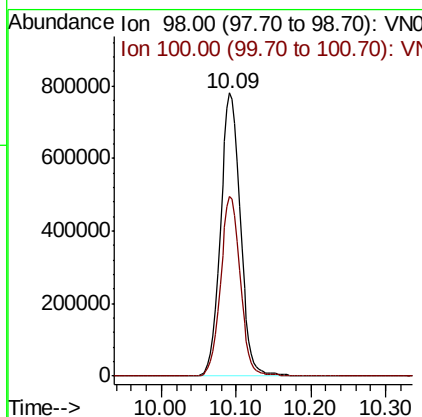
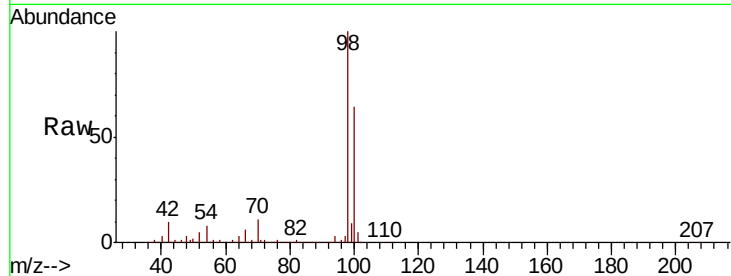




#50
Toluene-d8
Concen: 46.58 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN050760.D
Acq: 18 Aug 2018 8:41

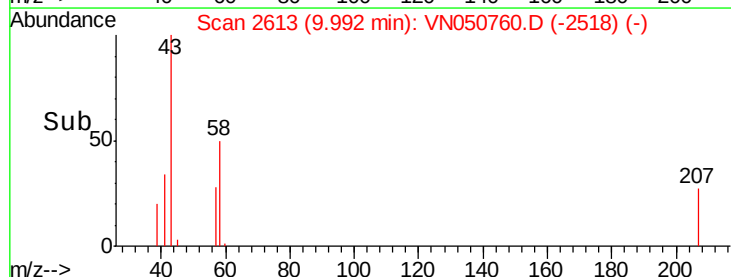
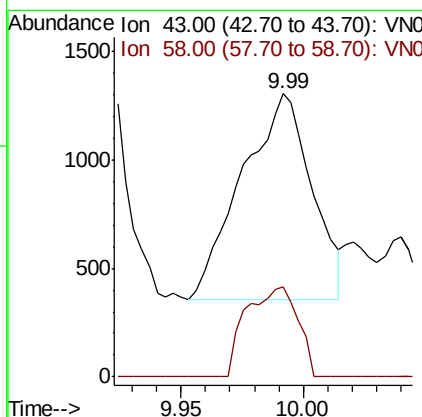
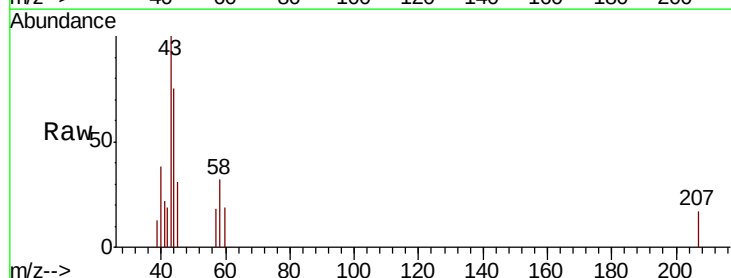
Instrument :
MSVOA_N
ClientSampleId :
CHRT-27245

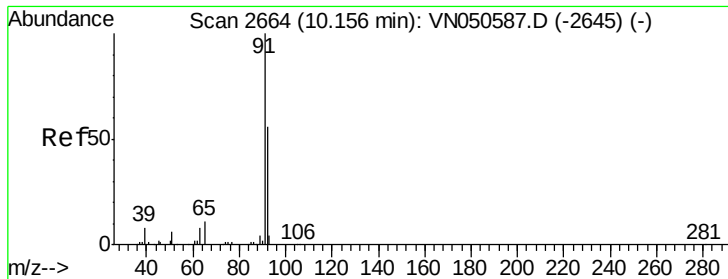
Tot Ion: 98 Resp: 1432706
Ion Ratio Lower Upper
98 100
100 63.1 51.8 77.8



#51
4-Methyl-2-Pentanone
Concen: 0.24 ug/l
RT: 9.99 min Scan# 2613
Delta R.T. 0.01 min
Lab File: VN050760.D
Acq: 18 Aug 2018 8:41

Tgt Ion: 43 Resp: 1893
Ion Ratio Lower Upper
43 100
58 32.1 32.5 48.7#





#52

Toluene

Concen: 0.81 ug/l

RT: 10.16 min Scan# 2665

Delta R.T. 0.00 min

Lab File: VN050760.D

Acq: 18 Aug 2018 8:41

Instrument :

MSVOA_N

ClientSampleId :

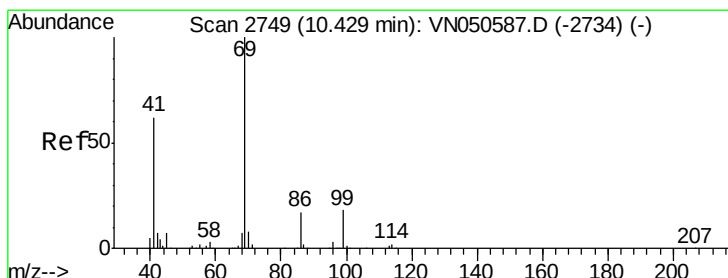
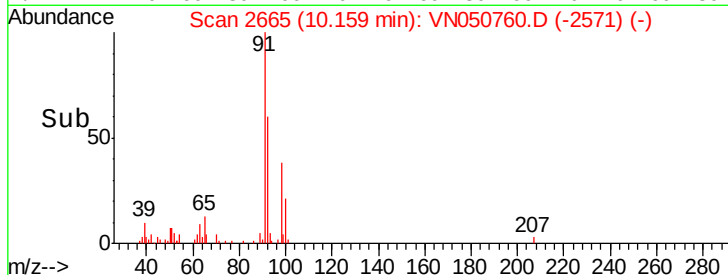
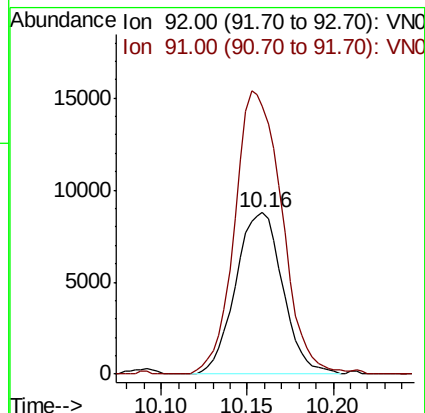
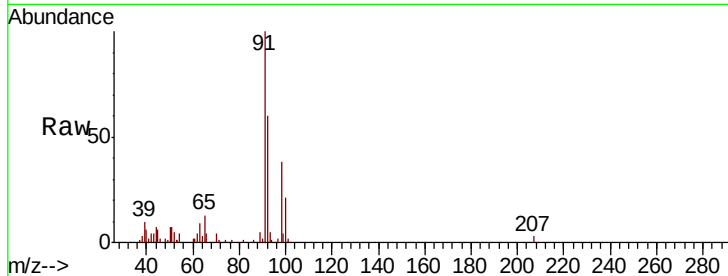
CHRT-27245

Tot Ion: 92 Resp: 16707

Ion Ratio Lower Upper

92 100

91 176.3 141.9 212.9



#56

Ethyl methacrylate

Concen: 2.12 ug/l

RT: 10.23 min Scan# 2687

Delta R.T. -0.20 min

Lab File: VN050760.D

Acq: 18 Aug 2018 8:41

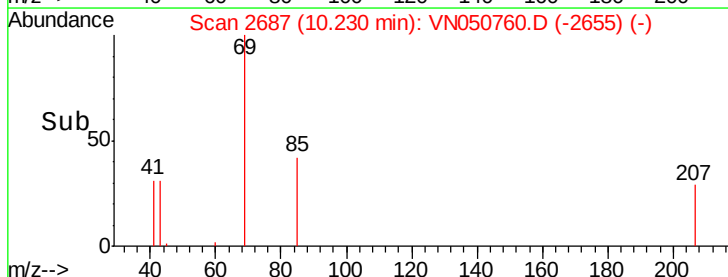
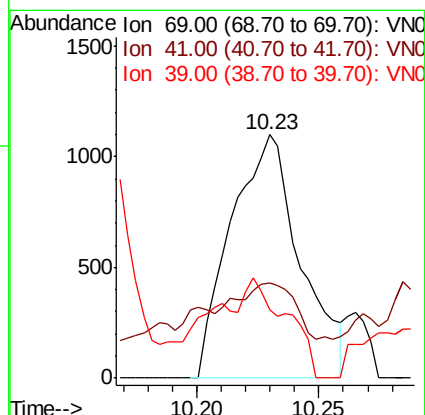
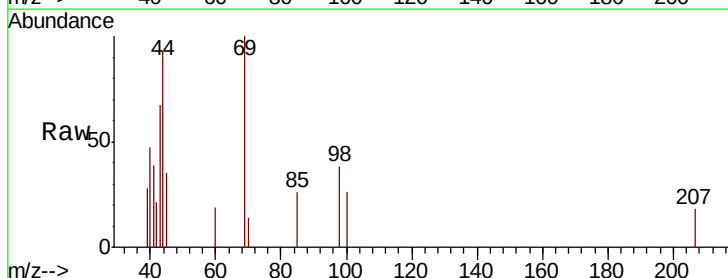
Tgt Ion: 69 Resp: 2164

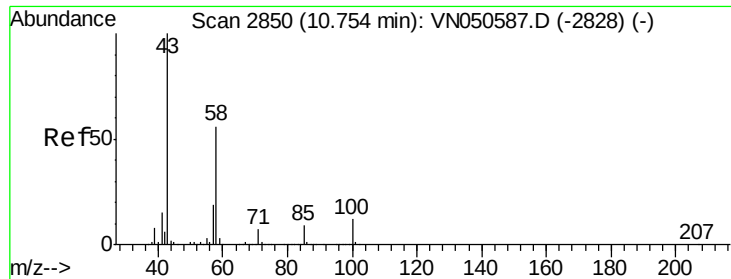
Ion Ratio Lower Upper

69 100

41 0.0 49.7 74.5#

39 25.1 24.2 36.2

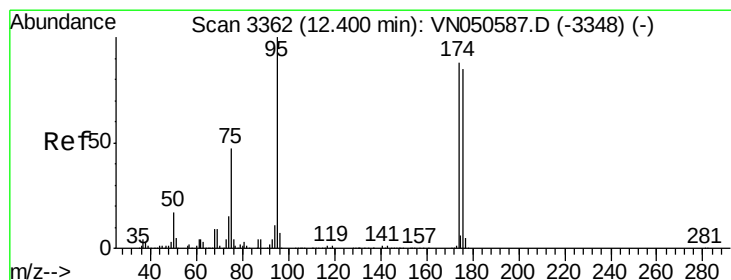
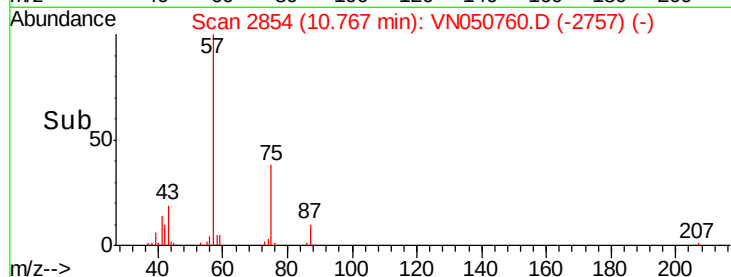
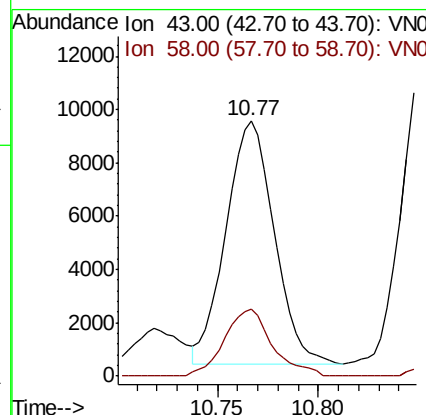
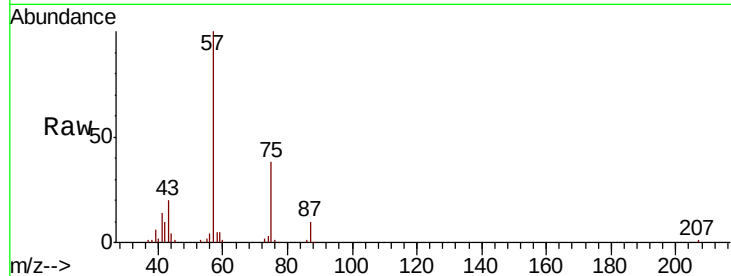




#59
2-Hexanone
Concen: 2.99 ug/l
RT: 10.77 min Scan# 2854
Delta R.T. 0.01 min
Lab File: VN050760.D
Acq: 18 Aug 2018 8:41

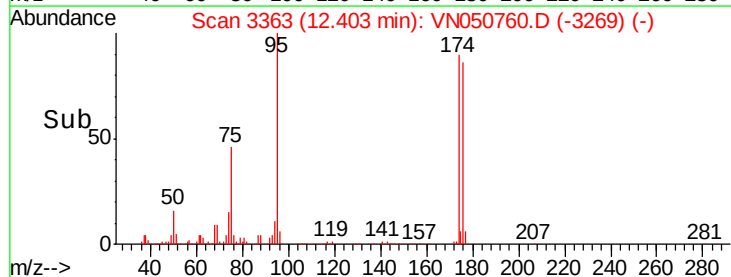
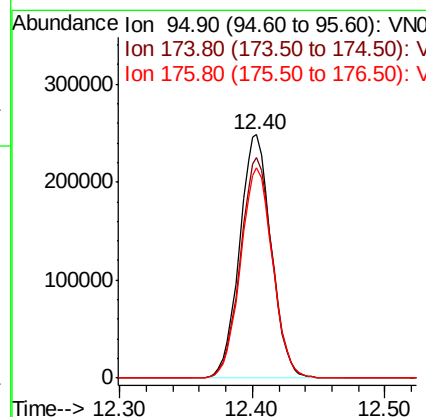
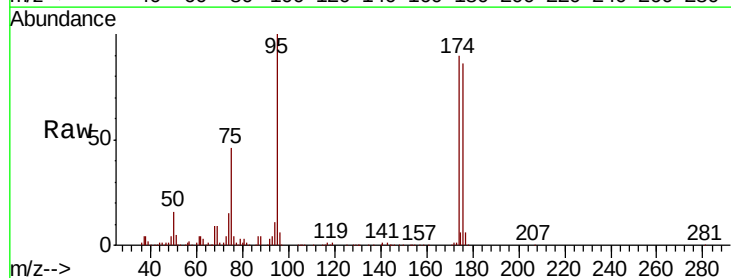
Instrument :
MSVOA_N
ClientSampleId :
CHRT-27245

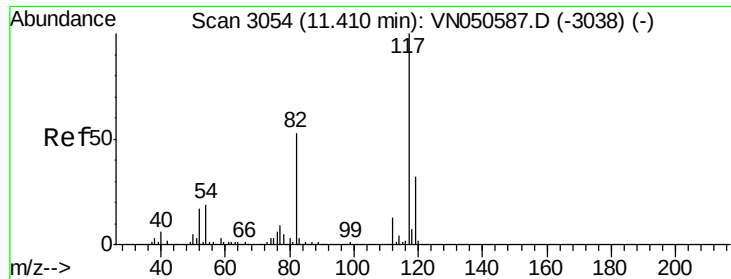
Tot Ion: 43 Resp: 15318
Ion Ratio Lower Upper
43 100
58 27.3 28.0 84.0#



#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

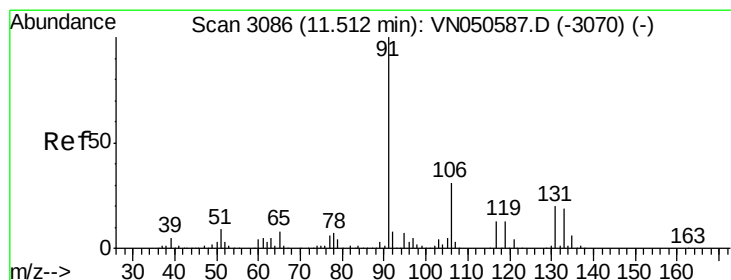
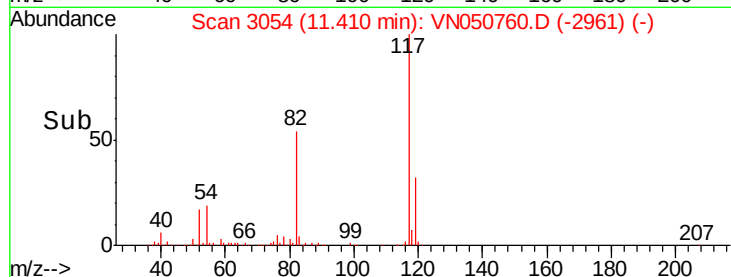
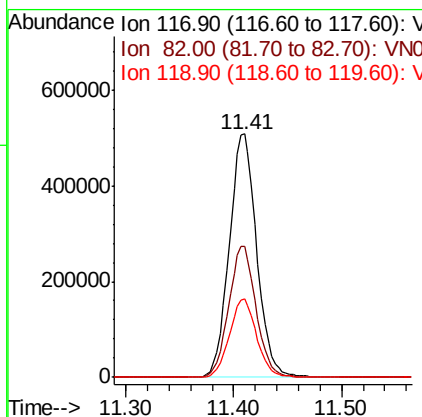
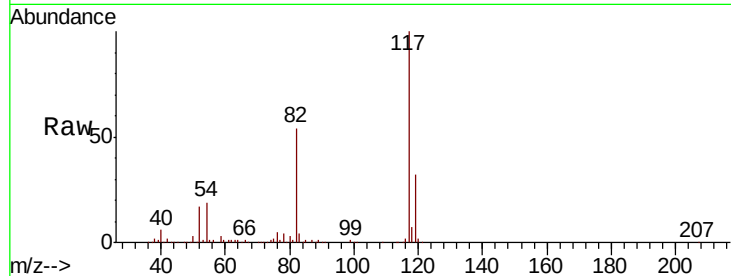




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050760.D
Acq: 18 Aug 2018 8:41

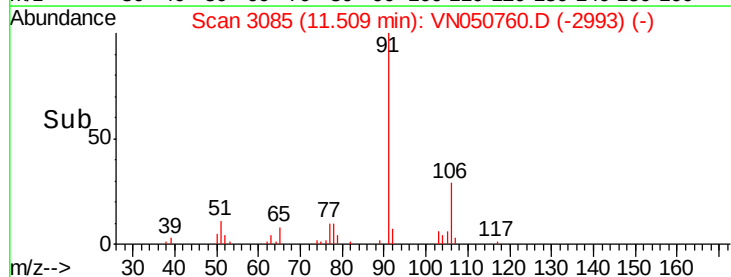
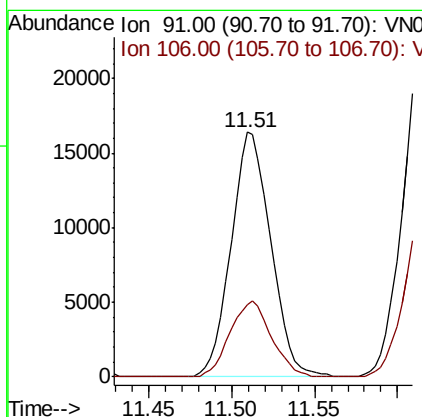
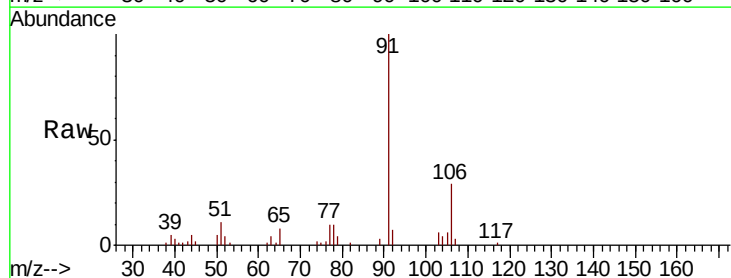
Instrument :
MSVOA_N
ClientSampleId :
CHRT-27245

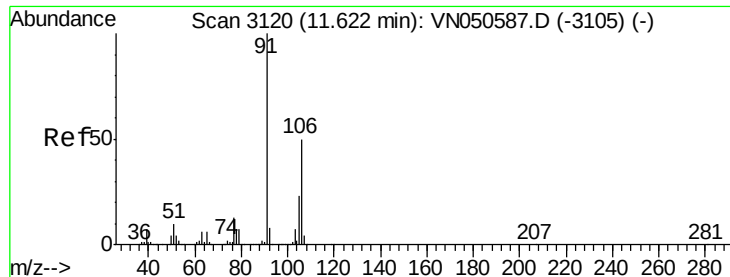
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.6	42.4	63.6
119	32.1	25.8	38.8



#67
Ethyl Benzene
Concen: 0.76 ug/l
RT: 11.51 min Scan# 3085
Delta R.T. -0.00 min
Lab File: VN050760.D
Acq: 18 Aug 2018 8:41

Tgt Ion	Ratio	Lower	Upper
91	100		
106	29.4	24.8	37.2





#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

Instrument :

MSVOA_N

ClientSampled :

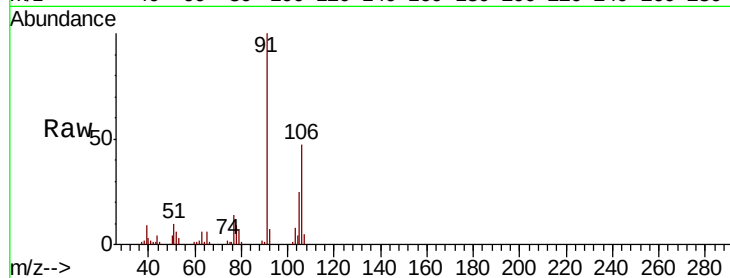
CHRT-27245

Tot Ion:106 Resp: 22770

Ion Ratio Lower Upper

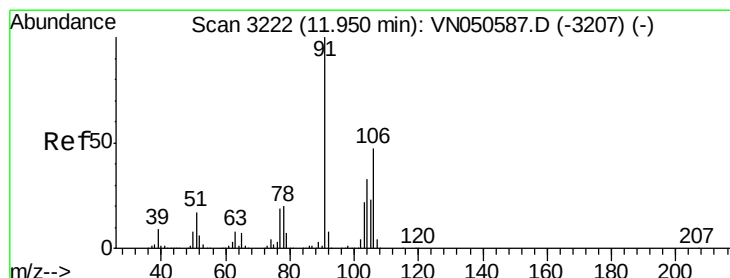
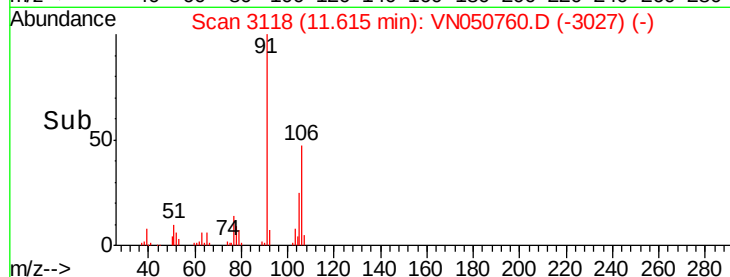
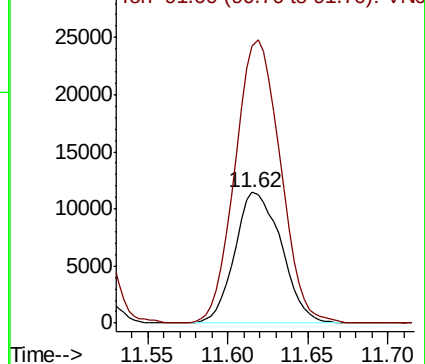
106 100

91 210.6 161.5 242.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0



#69

o-Xylene

Concen: 0.72 ug/l

RT: 11.95 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN050760.D

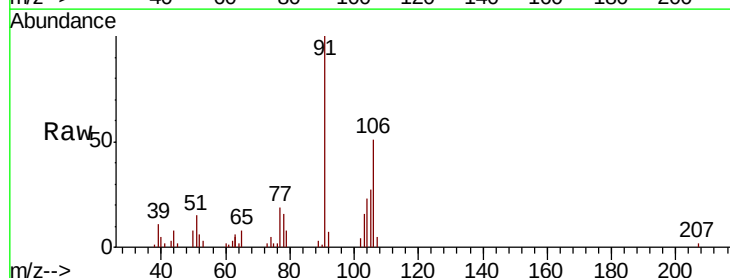
Acq: 18 Aug 2018 8:41

Tgt Ion:106 Resp: 9551

Ion Ratio Lower Upper

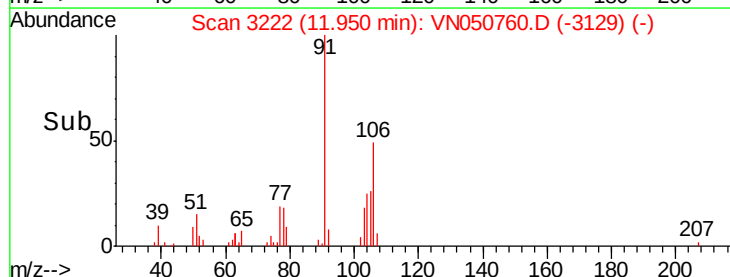
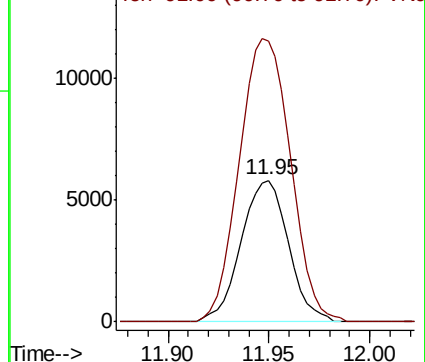
106 100

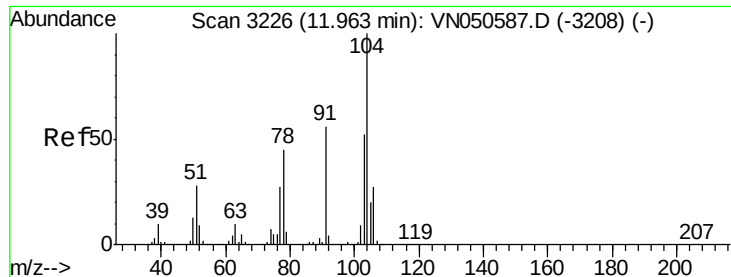
91 216.7 106.8 320.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0

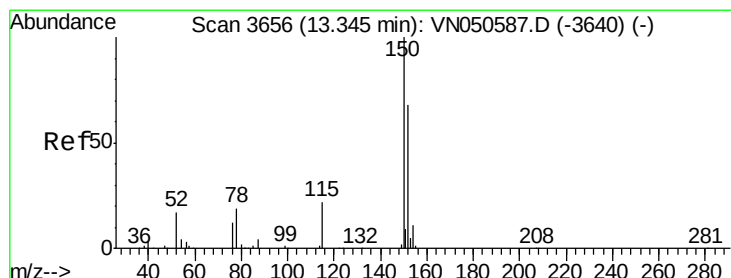
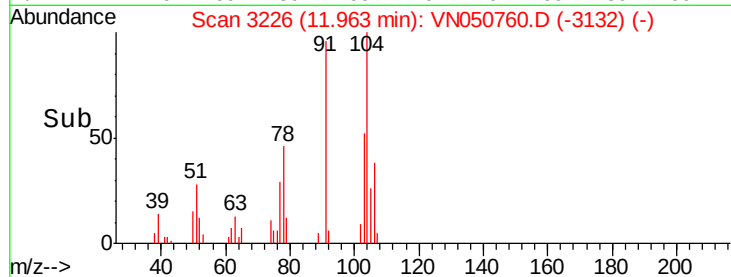
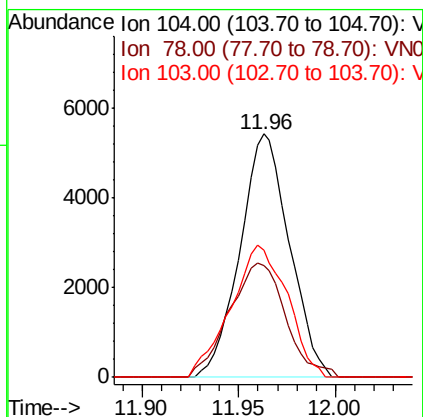
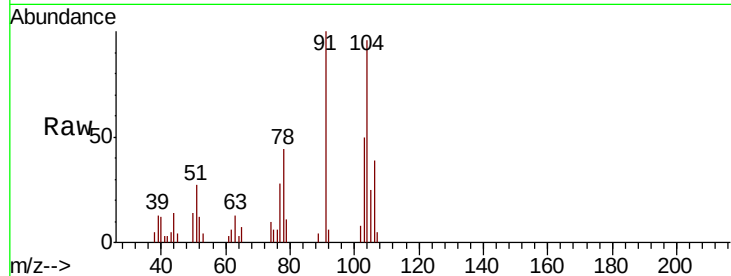




#70
Stvrene
Concen: 1.34 ug/l
RT: 11.96 min Scan# 3226
Delta R.T. 0.00 min
Lab File: VN050760.D
Acq: 18 Aug 2018 8:41

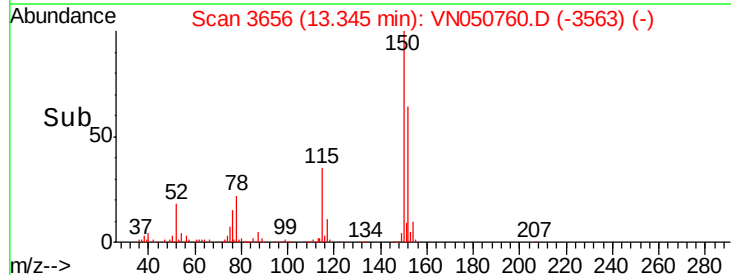
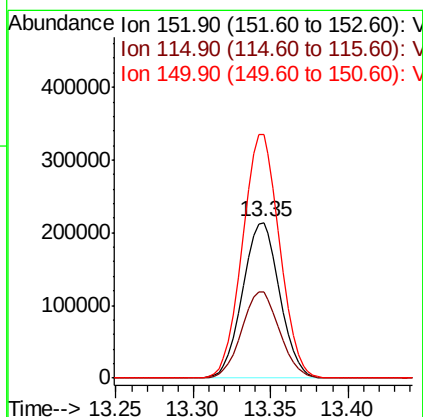
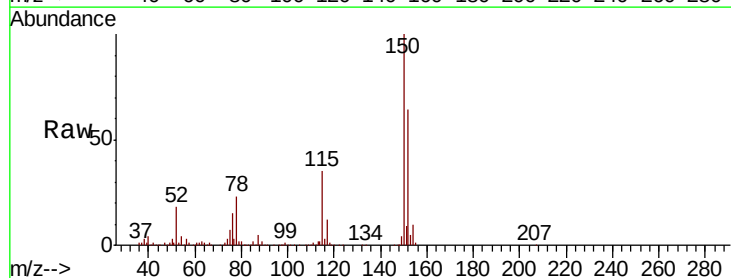
Instrument :
MSVOA_N
ClientSampled :
CHRT-27245

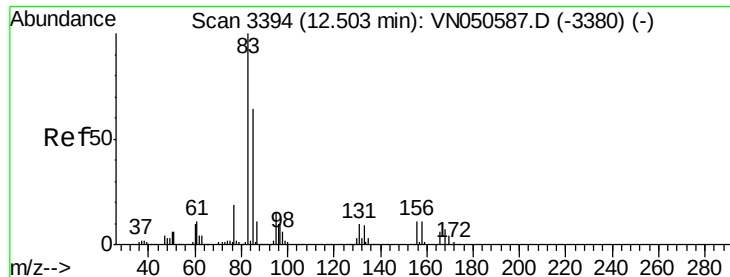
Tot Ion	Ion	Ratio	Lower	Upper
104	104	100		
78	78	53.6	39.1	58.7
103	103	61.7	44.9	67.3



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





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.40 min Scan# 3362

Delta R.T. -0.10 min

Lab File: VN050760.D

Acq: 18 Aug 2018 8:41

Instrument :

MSVOA_N

ClientSampleId :

CHRT-27245

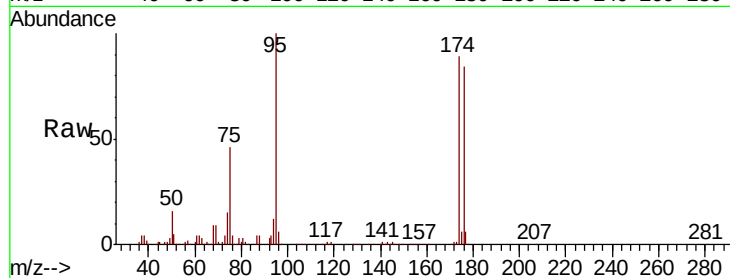
Tot Ion: 83 Resp: 145

Ion Ratio Lower Upper

83 100

131 330.3 5.3 15.9#

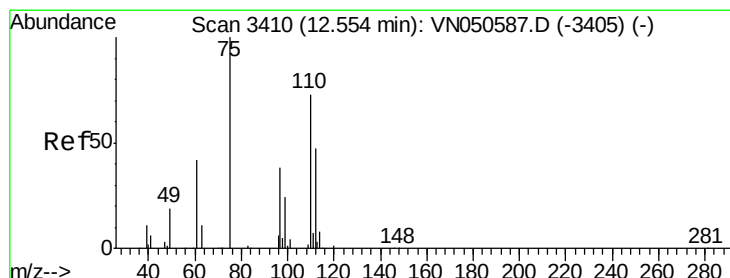
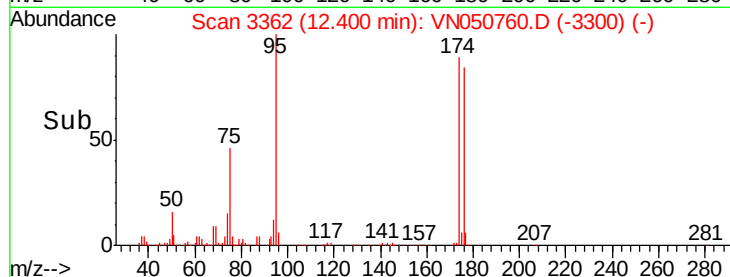
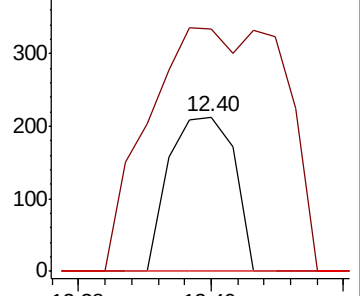
85 0.0 32.1 96.5#



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 33.32 ug/l

RT: 12.40 min Scan# 3362

Delta R.T. -0.15 min

Lab File: VN050760.D

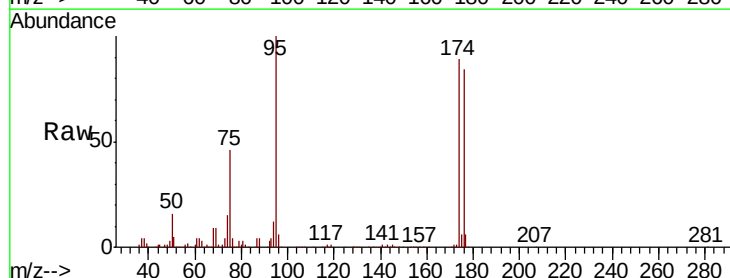
Acq: 18 Aug 2018 8:41

Tgt Ion: 75 Resp: 194493

Ion Ratio Lower Upper

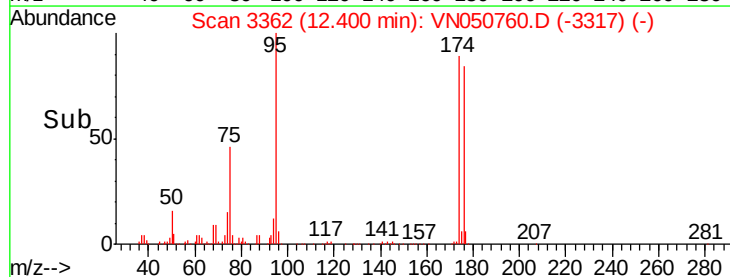
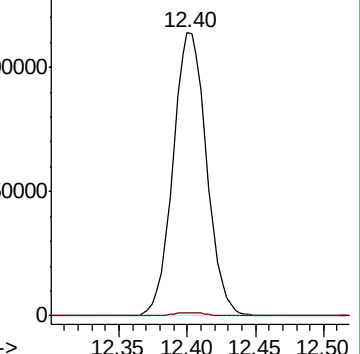
75 100

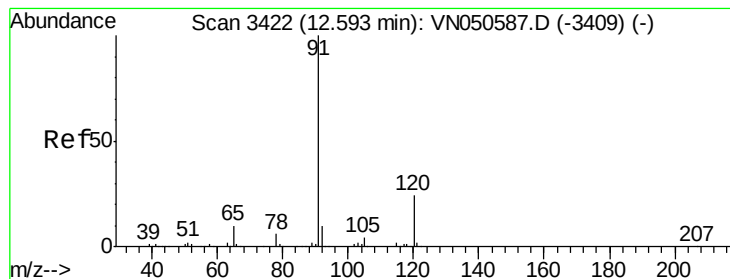
77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#78

n-propylbenzene

Concen: 0.27 ug/l

RT: 12.59 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN050760.D

Acq: 18 Aug 2018 8:41

Instrument :

MSVOA_N

ClientSampled :

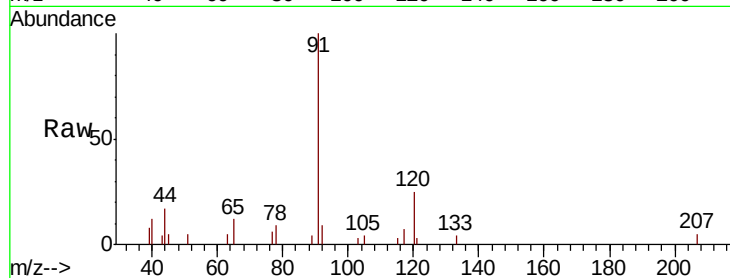
CHRT-27245

Tot Ion: 91 Resp: 8440

Ion Ratio Lower Upper

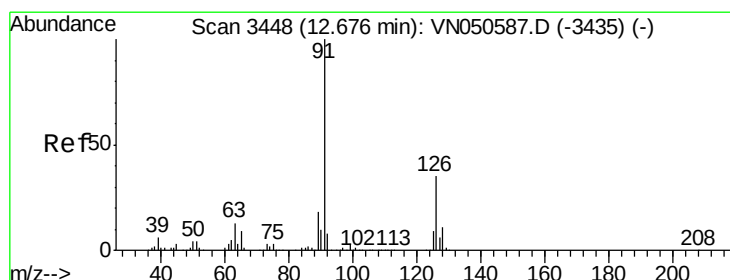
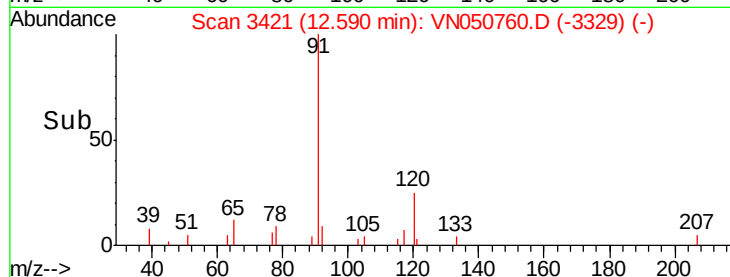
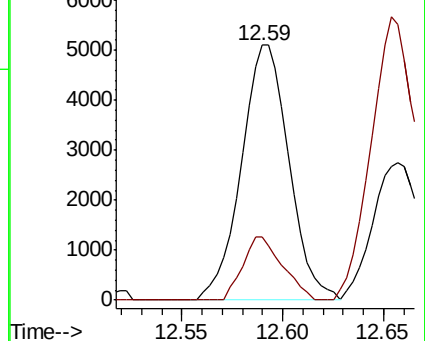
91 100

120 20.7 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 0.26 ug/l

RT: 12.66 min Scan# 3442

Delta R.T. -0.02 min

Lab File: VN050760.D

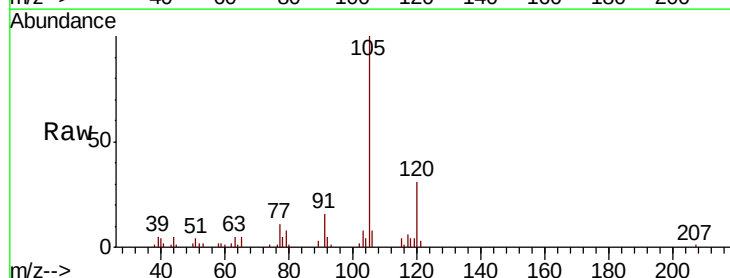
Acq: 18 Aug 2018 8:41

Tgt Ion: 91 Resp: 5117

Ion Ratio Lower Upper

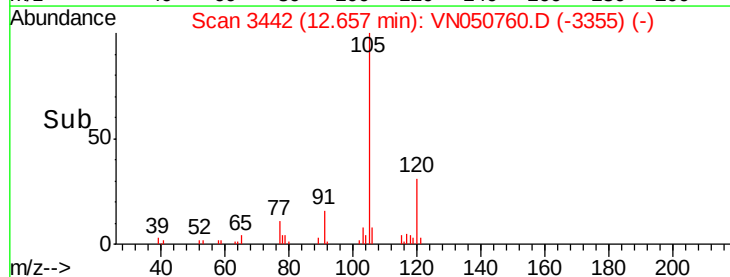
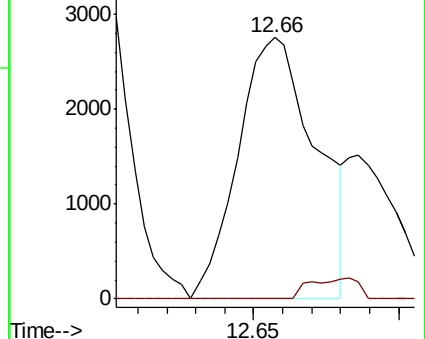
91 100

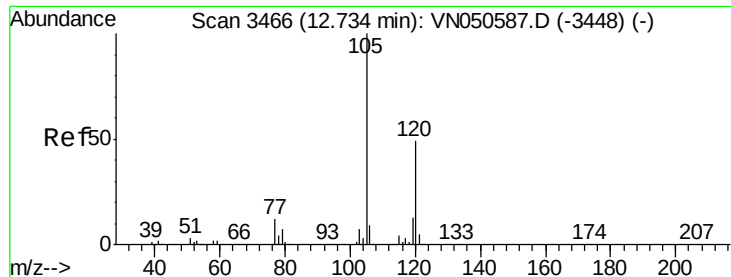
126 0.0 17.6 52.8#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#80

1,3,5-Trimethylbenzene

Concen: 0.76 ug/l

RT: 12.73 min Scan# 3465

Delta R.T. -0.00 min

Lab File: VN050760.D

Acq: 18 Aug 2018 8:41

Instrument :

MSVOA_N

ClientSampleId :

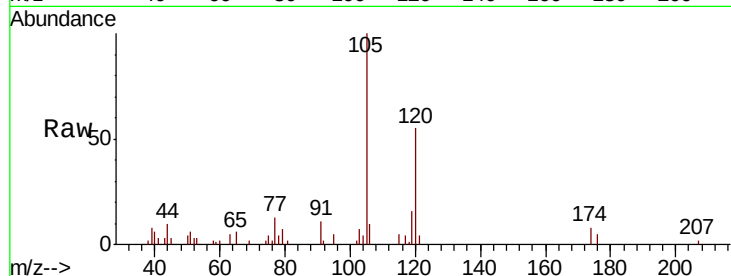
CHRT-27245

Tot Ion:105 Resp: 16962

Ion Ratio Lower Upper

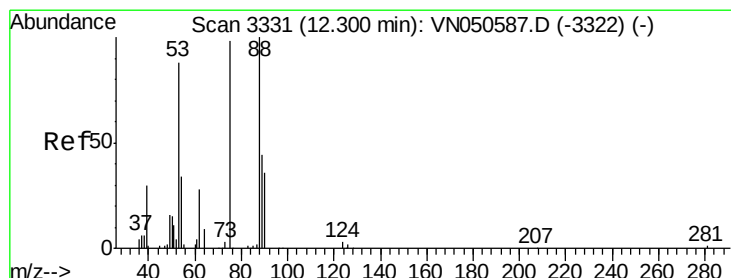
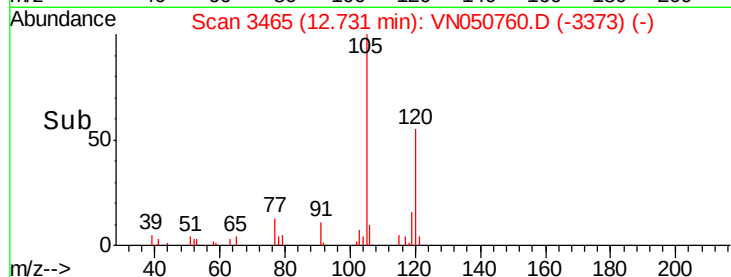
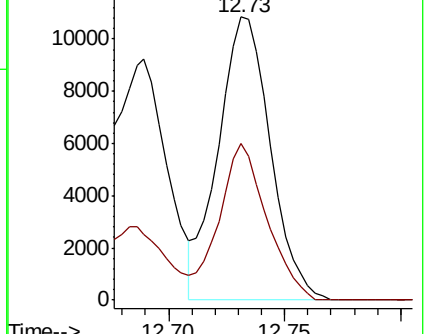
105 100

120 50.5 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 120.90 ug/l

RT: 12.40 min Scan# 3362

Delta R.T. 0.10 min

Lab File: VN050760.D

Acq: 18 Aug 2018 8:41

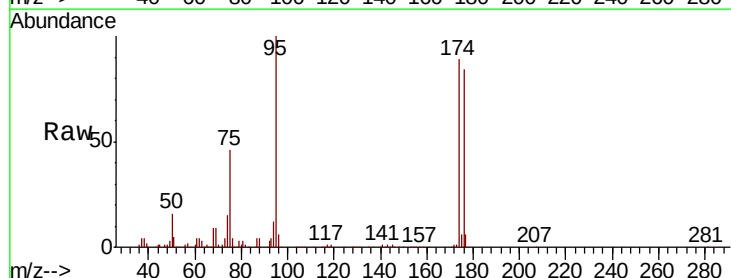
Tgt Ion: 75 Resp: 194493

Ion Ratio Lower Upper

75 100

53 0.2 72.2 108.2#

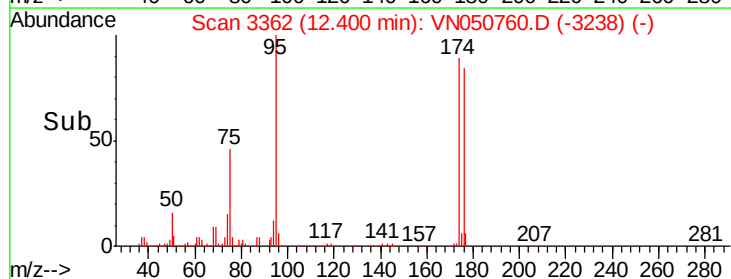
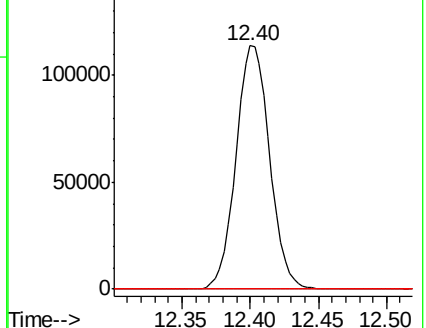
89 0.0 36.3 54.5#

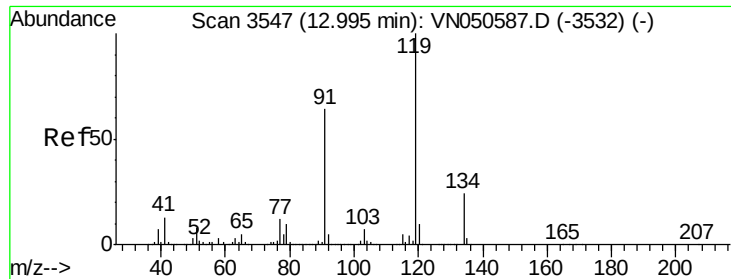


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

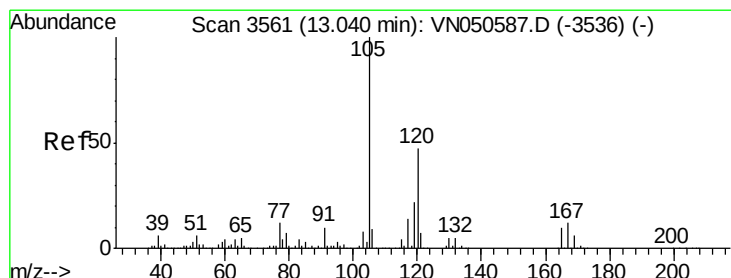
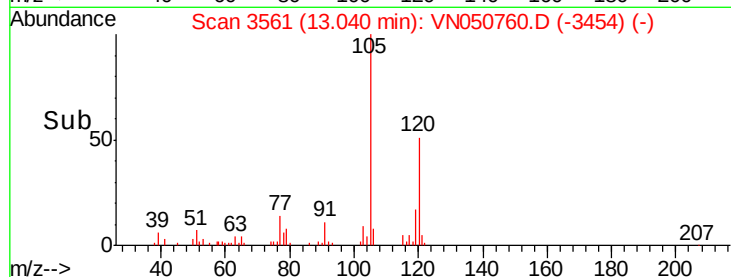
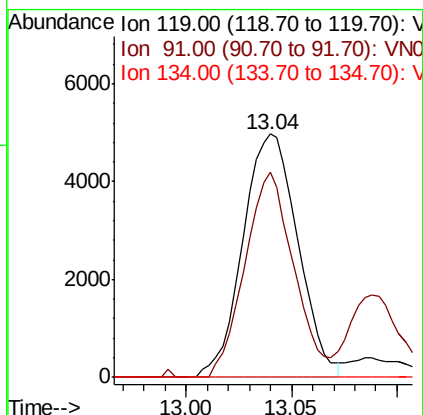
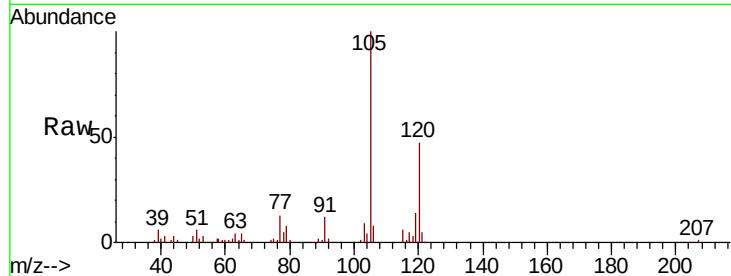




#83
 tert-Butylbenzene
 Concen: 0.46 ug/l
 RT: 13.04 min Scan# 3561
 Delta R.T. 0.05 min
 Lab File: VN050760.D
 Acq: 18 Aug 2018 8:41

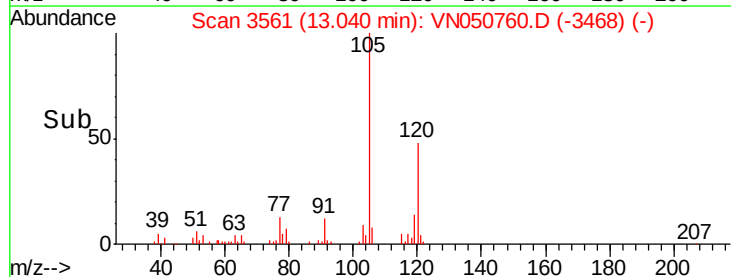
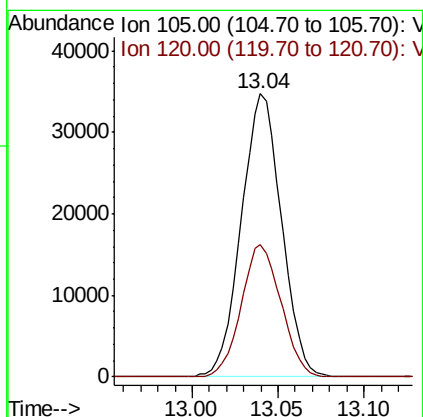
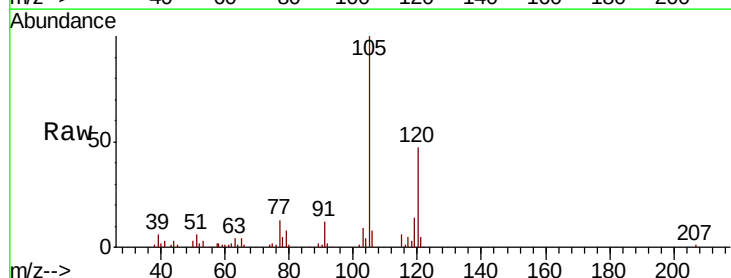
Instrument :
 MSVOA_N
 ClientSampled :
 CHRT-27245

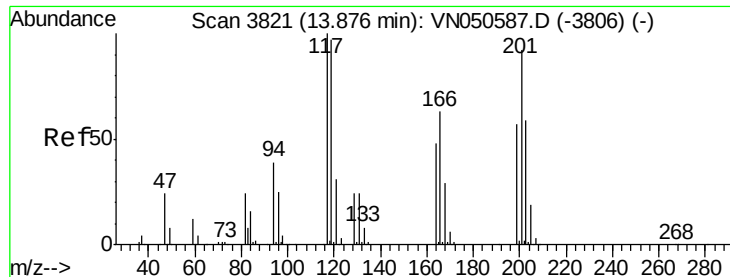
Tot Ion:119 Resp: 8998
 Ion Ratio Lower Upper
 119 100
 91 75.0 32.2 96.6
 134 0.0 13.4 40.2#



#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

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





#90

Hexachloroethane

Concen: 0.57 ug/l

RT: 13.89 min Scan# 3826

Delta R.T. 0.02 min

Lab File: VN050760.D

Acq: 18 Aug 2018 8:41

Instrument :

MSVOA_N

ClientSampleId :

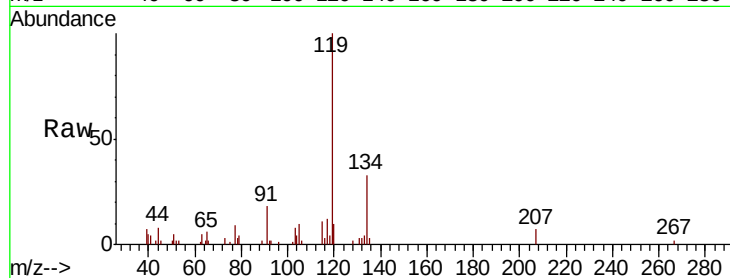
CHRT-27245

Tot Ion:117 Resp: 2462

Ion Ratio Lower Upper

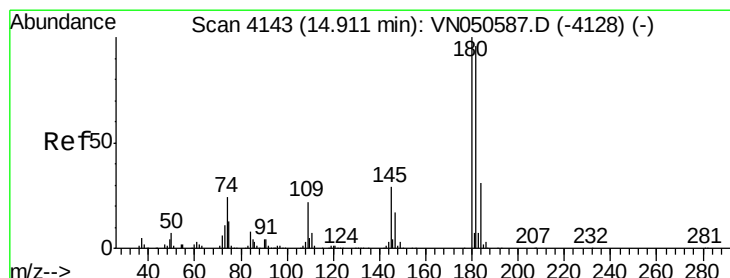
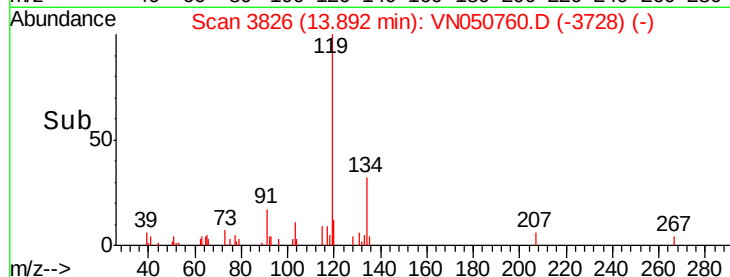
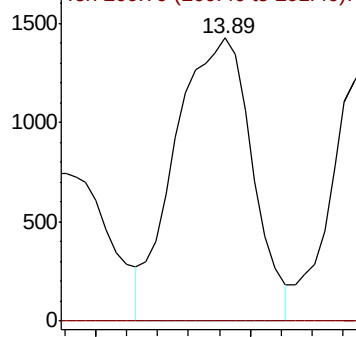
117 100

201 0.0 45.5 136.5#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#93

1,2,4-Trichlorobenzene

Concen: 3.28 ug/l

RT: 14.91 min Scan# 4142

Delta R.T. -0.00 min

Lab File: VN050760.D

Acq: 18 Aug 2018 8:41

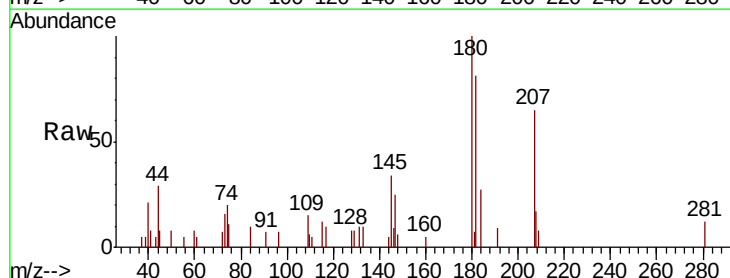
Tgt Ion:180 Resp: 4120

Ion Ratio Lower Upper

180 100

182 97.4 47.9 143.7

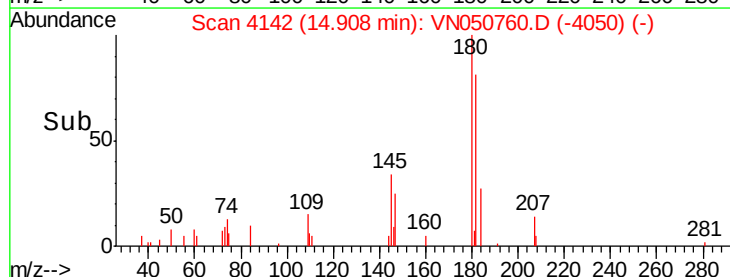
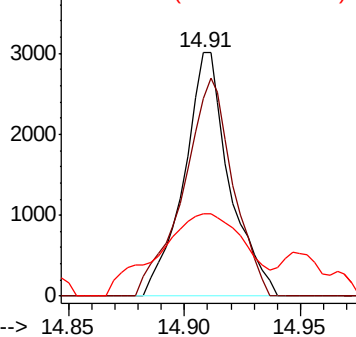
145 65.2 14.4 43.4#

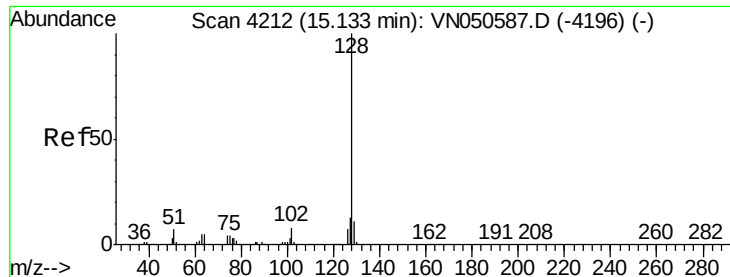


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#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

Instrument :

MSVOA_N

ClientSampleId :

CHRT-27245

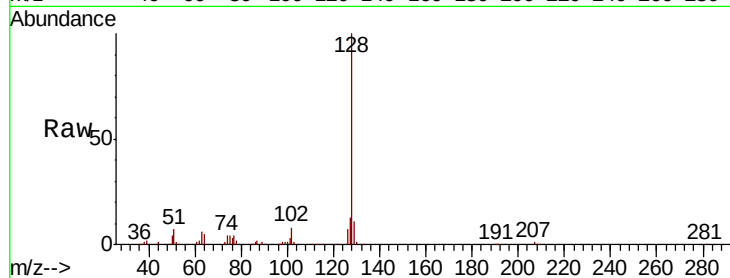
Tot Ion:128 Resp: 320305

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

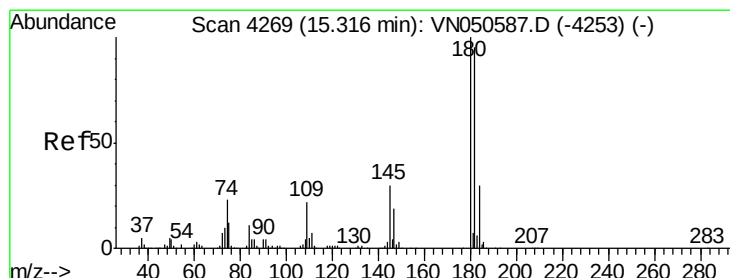
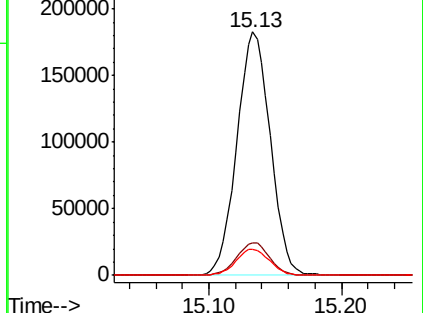
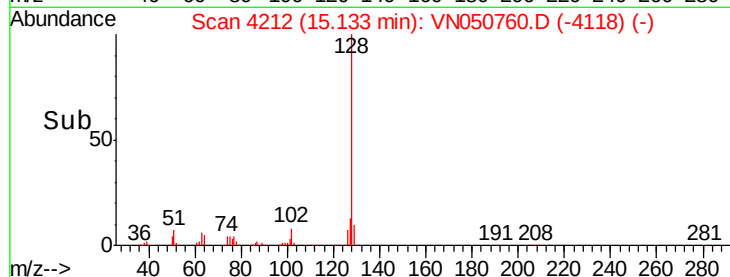
129 10.8 8.5 12.7



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



#96

1,2,3-Trichlorobenzene

Concen: 2.05 ug/l

RT: 15.32 min Scan# 4269

Delta R.T. 0.00 min

Lab File: VN050760.D

Acq: 18 Aug 2018 8:41

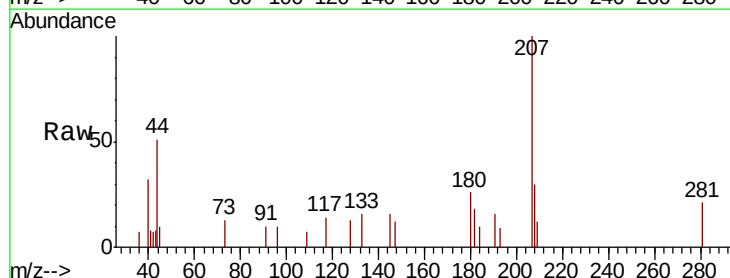
Tgt Ion:180 Resp: 718

Ion Ratio Lower Upper

180 100

182 86.5 47.3 141.8

145 102.9 14.6 44.0#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

