

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN110118\
 Data File : VN052109.D
 Acq On : 1 Nov 2018 18:02
 Operator : MD\SY
 Sample : J5200-18
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-03-103118-A

Quant Time: Nov 02 07:03:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N103018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 31 02:45:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	291070	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	547778	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	527049	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	218479	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	251951	53.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.88%	
35) Dibromofluoromethane	7.59	113	207206	60.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.94%	
50) Toluene-d8	10.09	98	819922	59.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.72%	
62) 4-Bromofluorobenzene	12.40	95	288281	57.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.66%	

Target Compounds

						Qvalue
13) Acrolein	3.61	56	31	24.157	ug/l #	74
16) Acetone	3.82	43	22171	22.238	ug/l	100
18) Methyl Acetate	4.33	43	2762	0.870	ug/l #	82
20) Methylene Chloride	4.56	84	289433	76.187	ug/l	95
29) Tetrahydrofuran	7.22	42	494	0.474	ug/l #	47
30) Chloroform	7.37	83	4497	0.610	ug/l #	78
31) Cyclohexane	7.67	56	7421	Below Cal	#	1
36) 1,1-Dichloropropene	7.67	75	25416	4.563	ug/l #	52
38) Carbon Tetrachloride	7.67	117	31239	6.505	ug/l #	16
41) Methacrylonitrile	7.17	41	242	0.268	ug/l #	41
43) Isopropyl Acetate	8.17	43	176592	26.632	ug/l	98
47) Bromodichloromethane	9.41	83	1553	0.290	ug/l #	86
48) Methyl methacrylate	9.18	41	4848	1.442	ug/l #	18
51) 4-Methyl-2-Pentanone	9.99	43	1040	0.289	ug/l #	76
52) Toluene	10.16	92	2844	0.292	ug/l	85
59) 2-Hexanone	10.76	43	12514	4.872	ug/l #	60
67) Ethyl Benzene	11.52	91	10934	0.552	ug/l	96
68) m/p-Xylenes	11.62	106	13168	1.858	ug/l	95
69) o-Xylene	11.95	106	10107	1.442	ug/l	96
73) Isopropylbenzene	12.25	105	4472	0.239	ug/l	82
76) 1,2,3-Trichloropropane	12.40	75	147428	36.863	ug/l #	100
78) n-propylbenzene	12.59	91	12145	0.536	ug/l	100
79) 2-Chlorotoluene	12.66	91	7292	0.553	ug/l #	43
80) 1,3,5-Trimethylbenzene	12.73	105	15361	1.010	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.40	75	147428	122.354	ug/l #	9
84) 1,2,4-Trimethylbenzene	13.04	105	63253	4.180	ug/l	98
85) sec-Butylbenzene	13.17	105	5329	0.292	ug/l	91
86) p-Isopropyltoluene	13.24	119	5534	0.372	ug/l	95
89) n-Butylbenzene	13.62	91	5168	0.365	ug/l #	81
90) Hexachloroethane	13.89	117	1467	0.576	ug/l #	19
92) 1,2-Dibromo-3-Chloropropan	14.26	75	62	1.013	ug/l #	11
93) 1,2,4-Trichlorobenzene	14.90	180	1184	0.474	ug/l #	68
95) Naphthalene	15.13	128	35176	5.619	ug/l	97
96) 1,2,3-Trichlorobenzene	15.31	180	1259	0.585	ug/l #	82

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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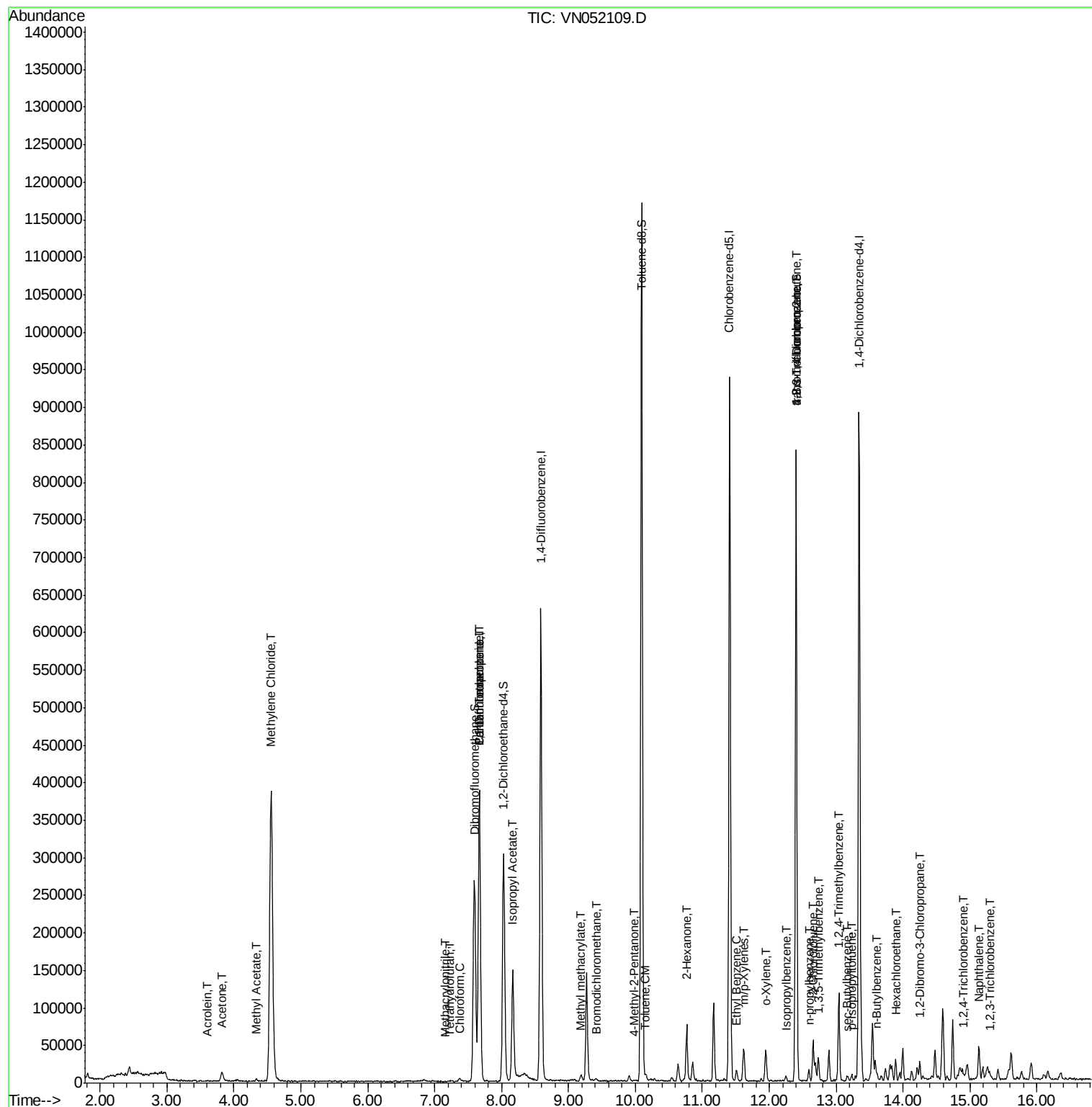
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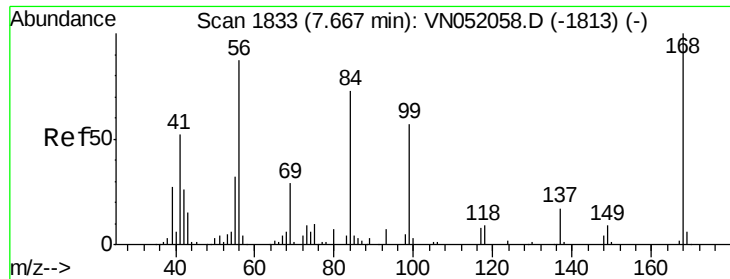
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN052109.D

Acq: 1 Nov 2018 18:02

Instrument :

MSVOA_N

ClientSampleId :

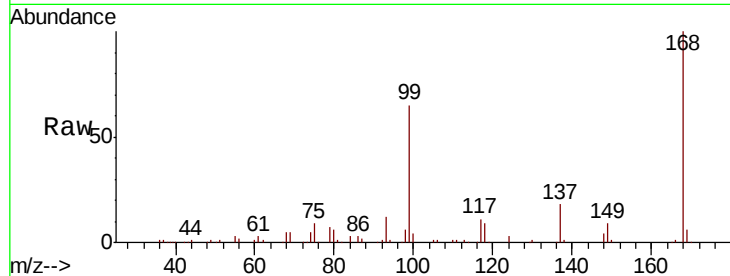
OR-03-103118-A

Tgt Ion: 168 Resp: 291070

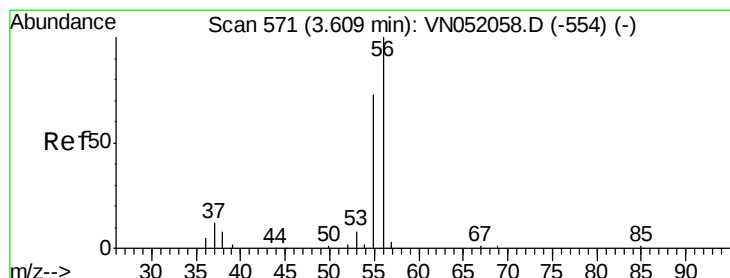
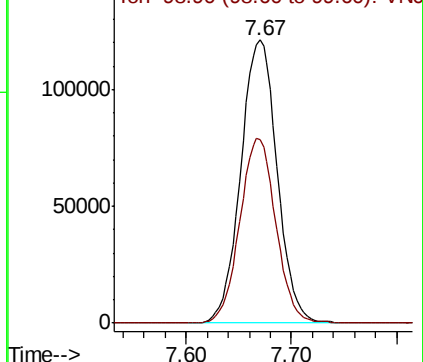
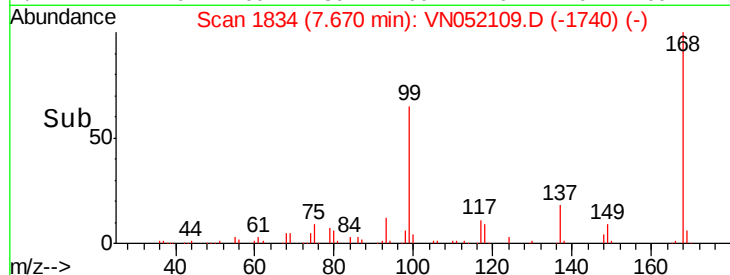
Ion Ratio Lower Upper

168 100

99 65.0 56.6 85.0



Abundance Ion 167.90 (167.60 to 168.60): VN052109.D (-1740) (-)



#13

Acrolein

Concen: 24.157 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN052109.D

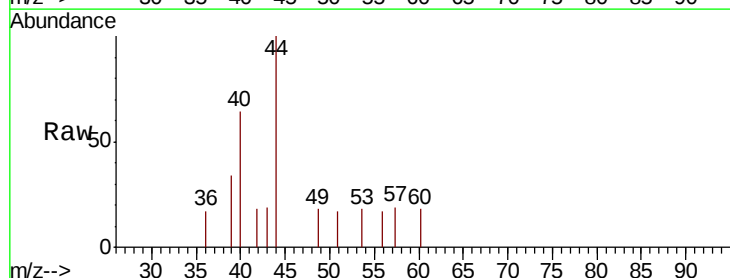
Acq: 1 Nov 2018 18:02

Tgt Ion: 56 Resp: 31

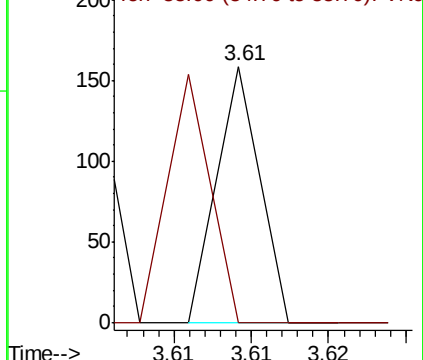
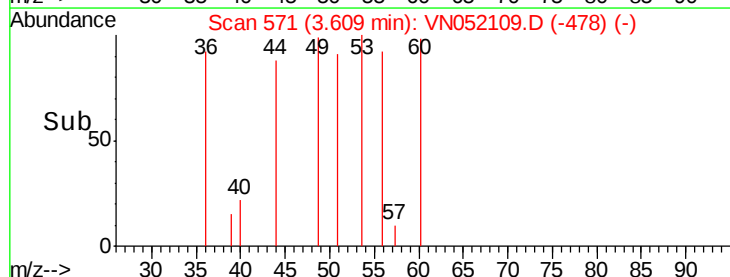
Ion Ratio Lower Upper

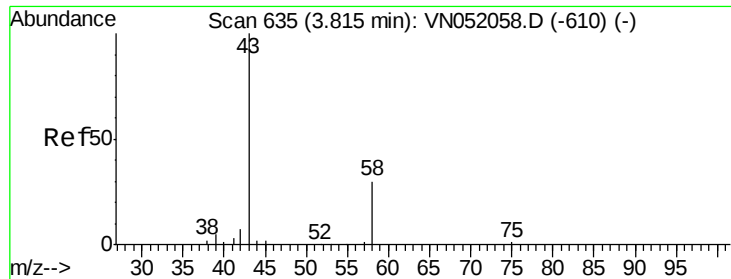
56 100

55 96.8 59.9 89.9#



Abundance Ion 56.00 (55.70 to 56.70): VN052109.D (-478) (-)





#16

Acetone

Concen: 22.238 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN052109.D

Acq: 1 Nov 2018 18:02

Instrument :

MSVOA_N

ClientSampleId :

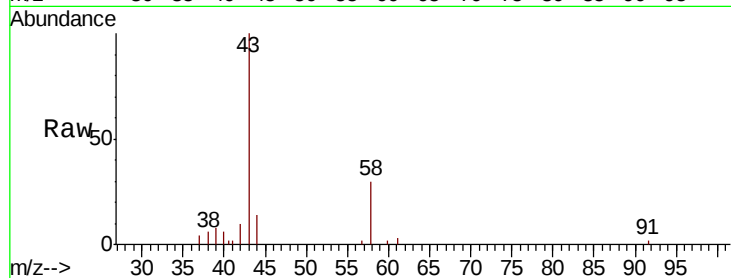
OR-03-103118-A

Tgt Ion: 43 Resp: 22171

Ion Ratio Lower Upper

43 100

58 30.0 24.2 36.2

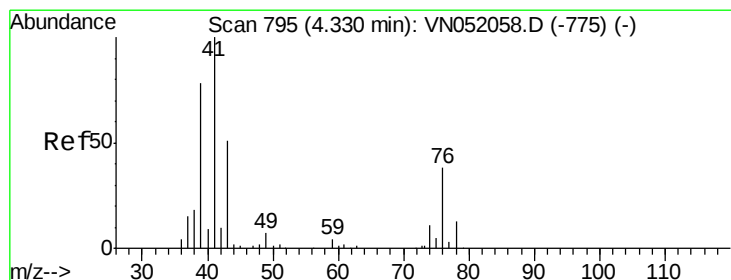
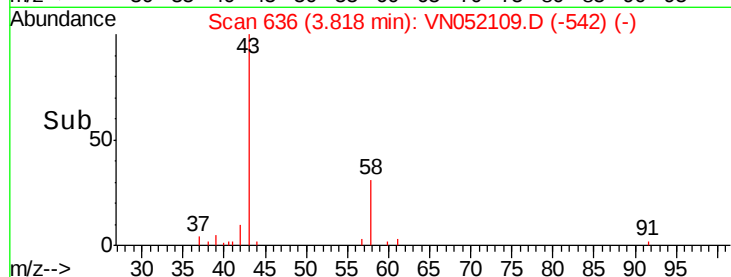


Abundance Ion 43.00 (42.70 to 43.70): VN052109.D (-542) (-)

Ion 58.00 (57.70 to 58.70): VN052109.D (-542) (-)

Time-->

3.80 3.90



#18

Methyl Acetate

Concen: 0.870 ug/l

RT: 4.33 min Scan# 794

Delta R.T. -0.00 min

Lab File: VN052109.D

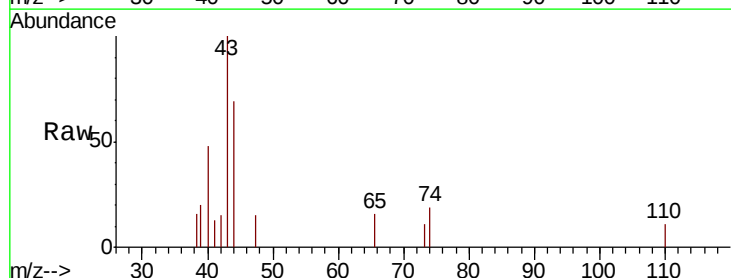
Acq: 1 Nov 2018 18:02

Tgt Ion: 43 Resp: 2762

Ion Ratio Lower Upper

43 100

74 13.8 17.9 26.9#

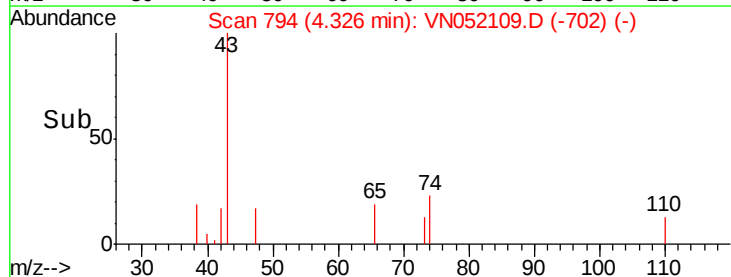


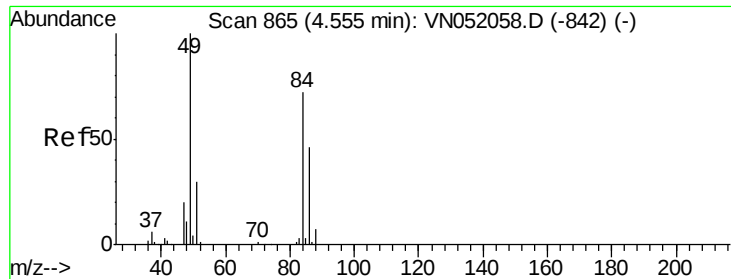
Abundance Ion 43.00 (42.70 to 43.70): VN052109.D (-702) (-)

Ion 74.00 (73.70 to 74.70): VN052109.D (-702) (-)

Time-->

4.30 4.35

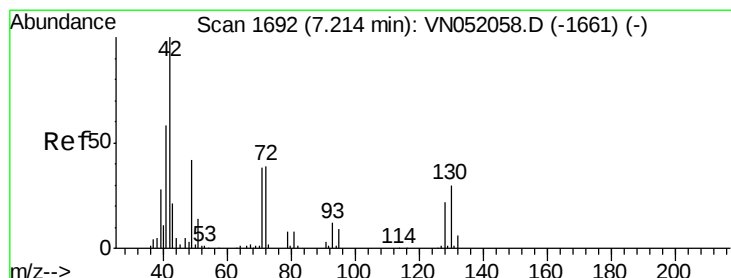
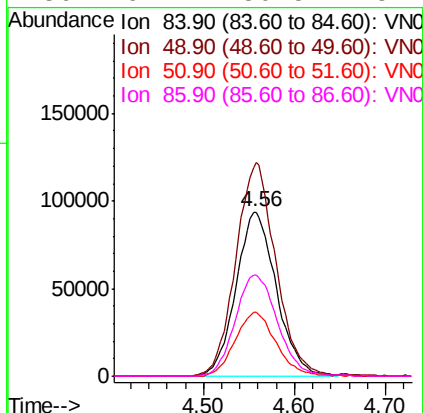
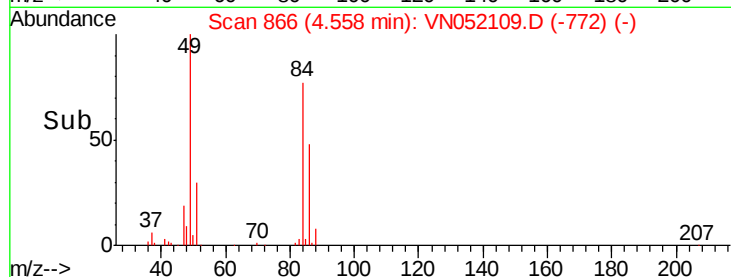
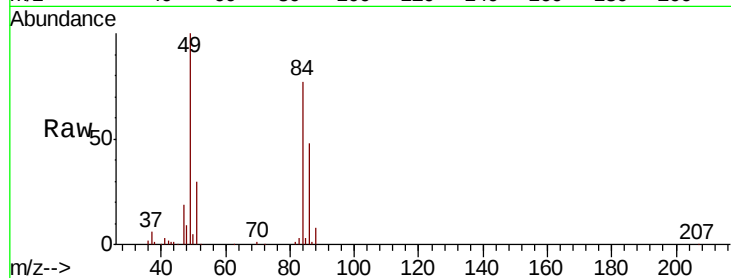




#20
Methylene Chloride
Concen: 76.187 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN052109.D
Acq: 1 Nov 2018 18:02

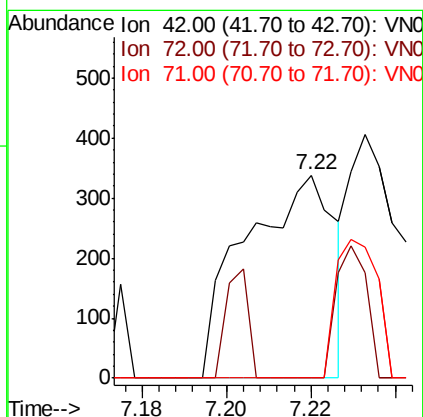
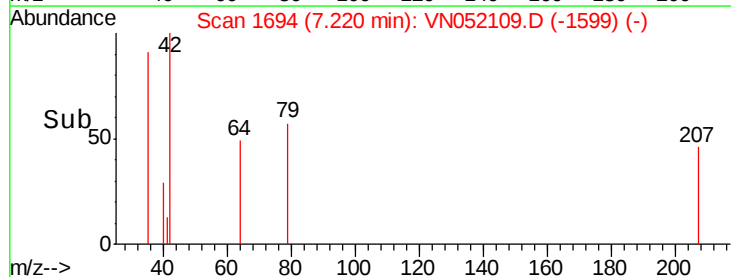
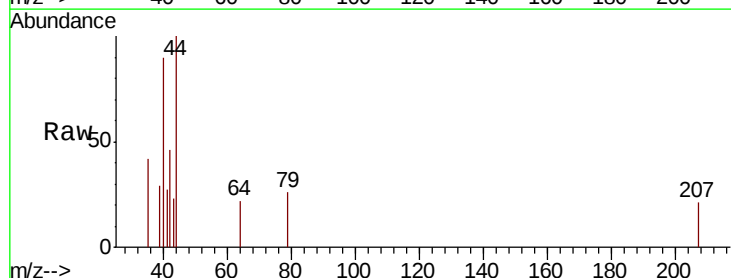
Instrument :
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OR-03-103118-A

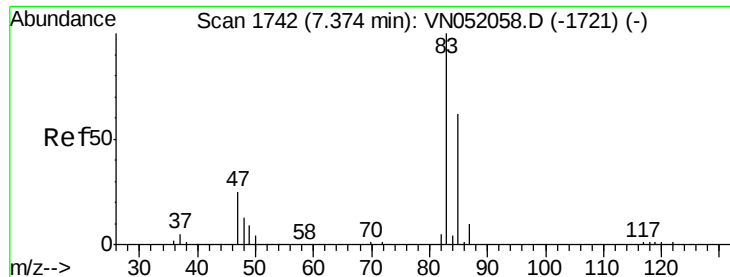
Tgt Ion: 84 Resp: 289433
Ion Ratio Lower Upper
84 100
49 129.9 110.6 165.8
51 38.6 33.7 50.5
86 61.7 50.5 75.7



#29
Tetrahydrofuran
Concen: 0.474 ug/l
RT: 7.22 min Scan# 1694
Delta R.T. 0.01 min
Lab File: VN052109.D
Acq: 1 Nov 2018 18:02

Tgt Ion: 42 Resp: 494
Ion Ratio Lower Upper
42 100
72 13.4 32.5 48.7#
71 0.0 30.6 46.0#

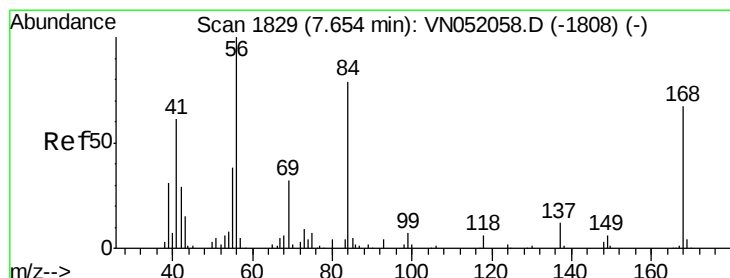
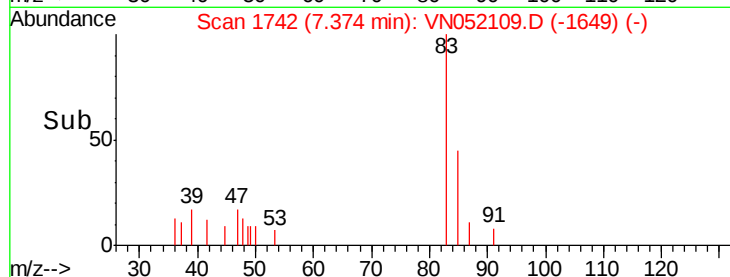
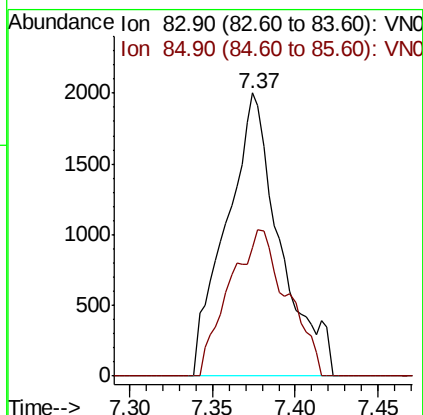
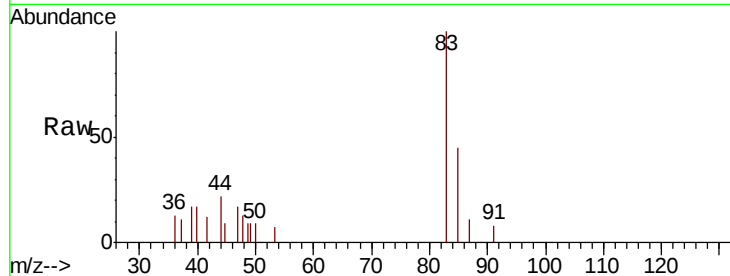




#30
Chloroform
Concen: 0.610 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VN052109.D
Acq: 1 Nov 2018 18:02

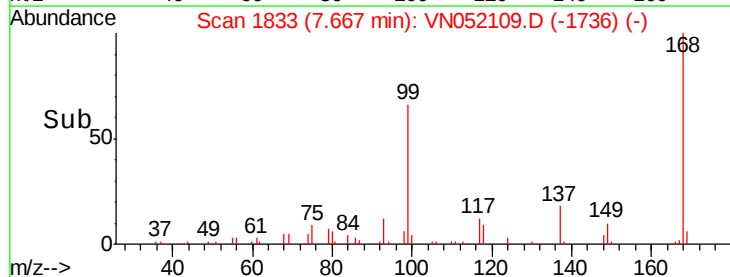
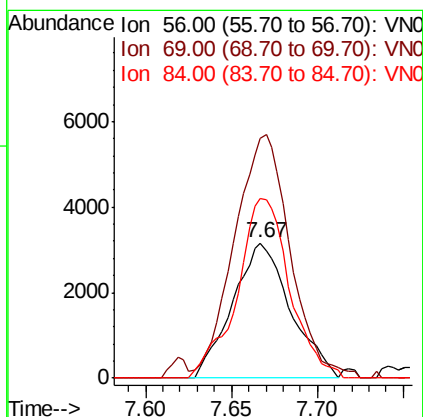
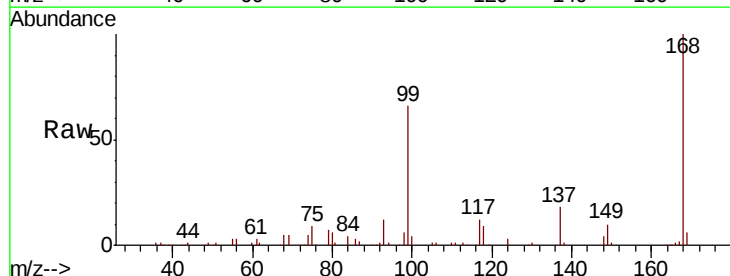
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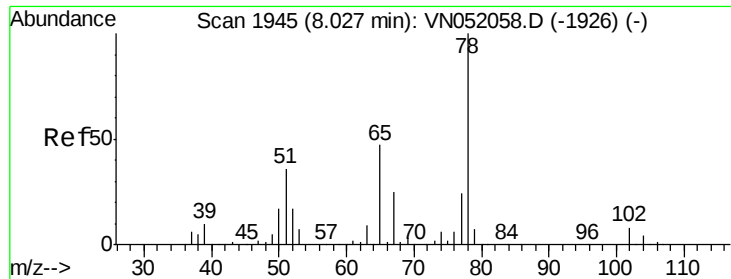
Tgt Ion: 83 Resp: 4497
Ion Ratio Lower Upper
83 100
85 45.4 49.6 74.4#



#31
Cyclohexane
Concen: Below Cal
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN052109.D
Acq: 1 Nov 2018 18:02

Tgt Ion: 56 Resp: 7421
Ion Ratio Lower Upper
56 100
69 172.2 25.8 38.6#
84 133.4 63.5 95.3#

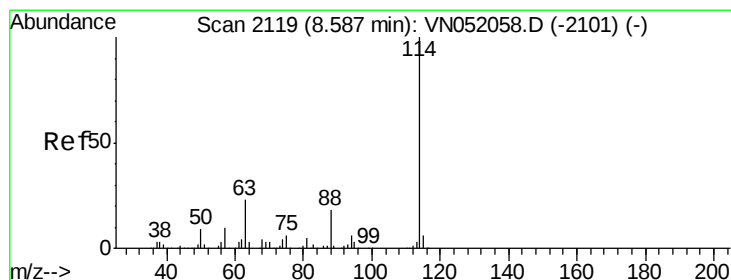
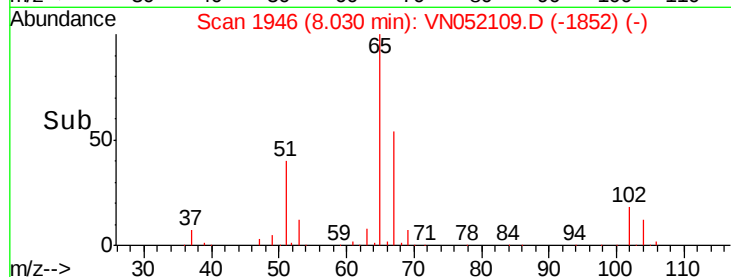
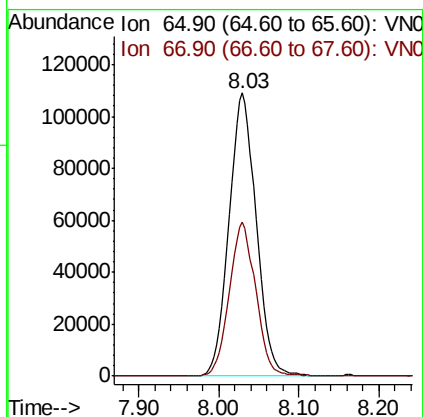
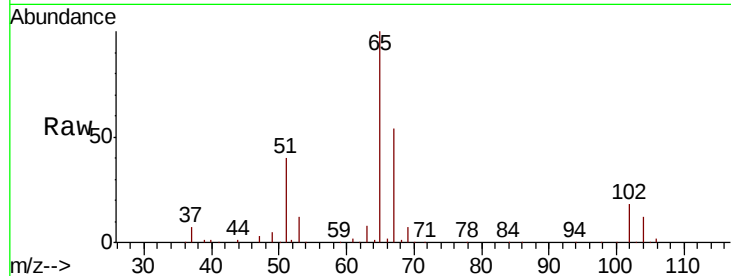




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN052109.D
 Acq: 1 Nov 2018 18:02

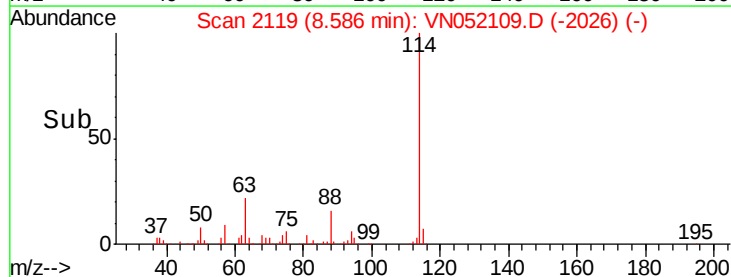
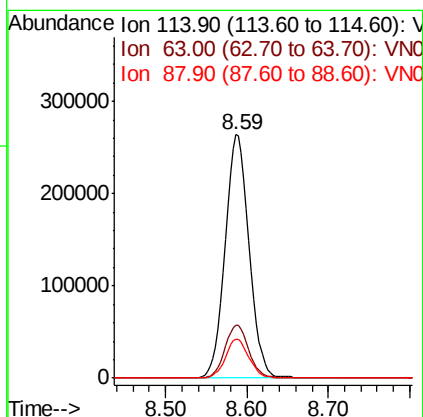
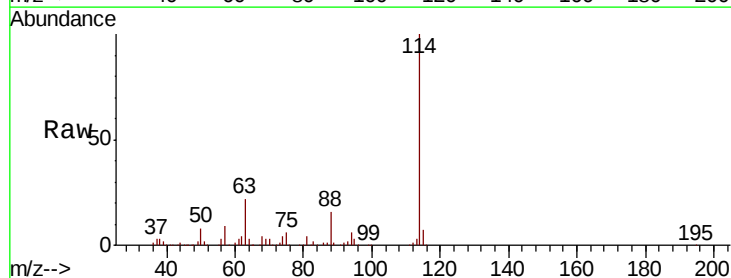
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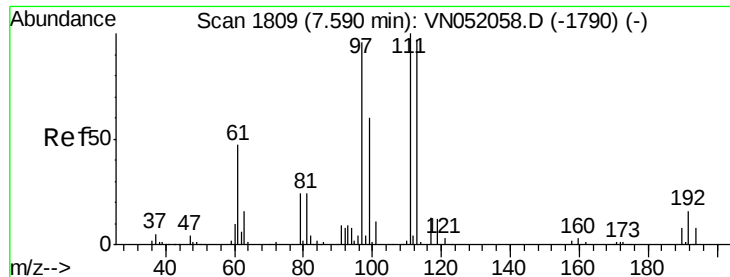
Tgt Ion: 65 Resp: 251951
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN052109.D
 Acq: 1 Nov 2018 18:02

Tgt Ion: 114 Resp: 547778
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 46.0
 88 16.1 0.0 35.4

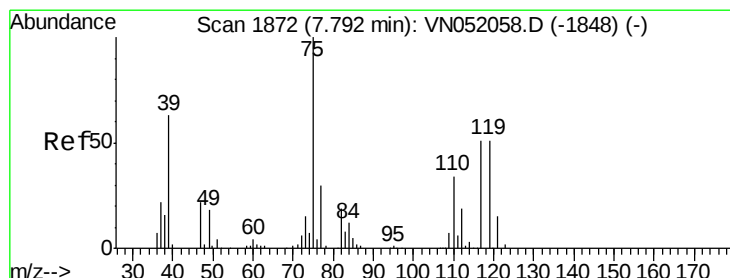
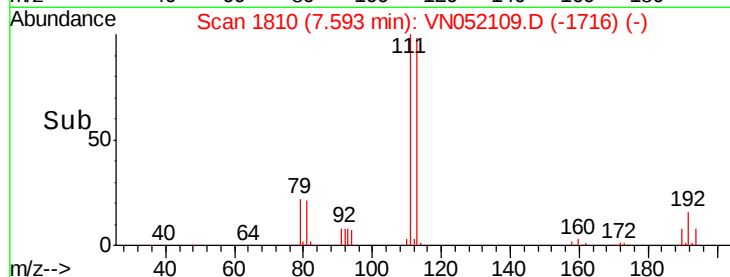
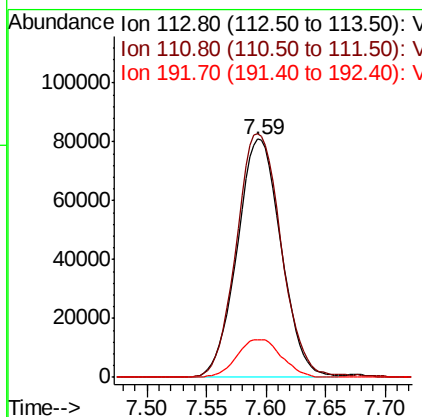
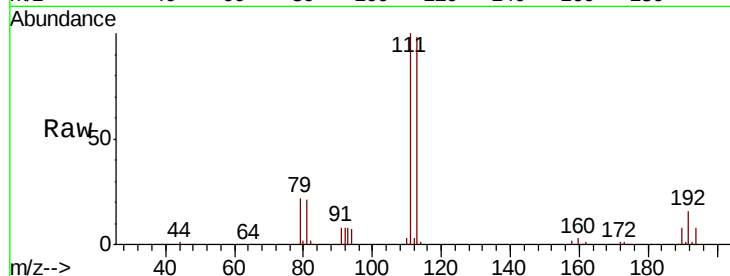




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN052109.D
 Acq: 1 Nov 2018 18:02

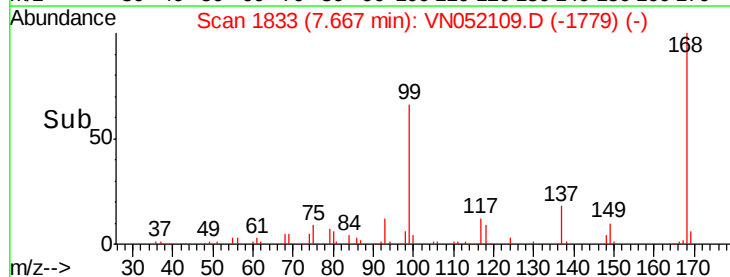
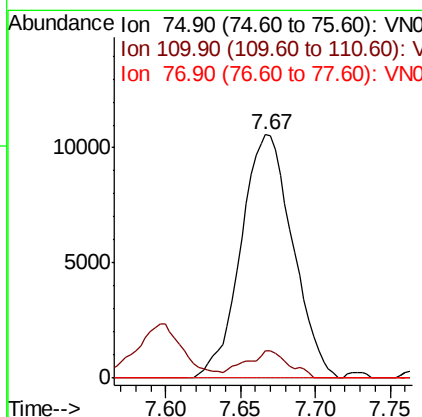
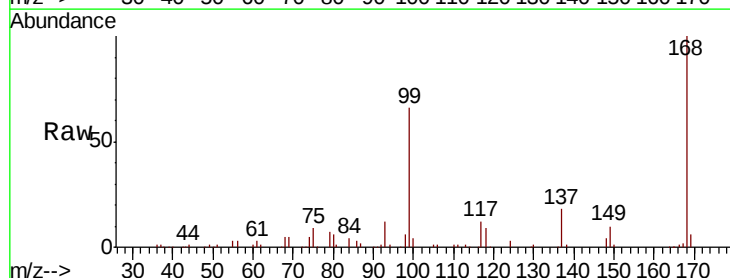
Instrument :
 MSVOA_N
 ClientSampleId :
 OR-03-103118-A

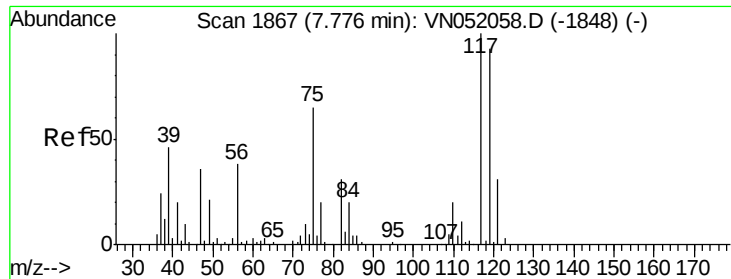
Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.7	83.1	124.7
192	16.4	12.7	19.1



#36
 1,1-Dichloropropene
 Concen: 4.563 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN052109.D
 Acq: 1 Nov 2018 18:02

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.5	16.0	48.0#
77	0.0	24.5	36.7#





#38

Carbon Tetrachloride

Concen: 6.505 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN052109.D

Acq: 1 Nov 2018 18:02

Instrument :

MSVOA_N

ClientSampleId :

OR-03-103118-A

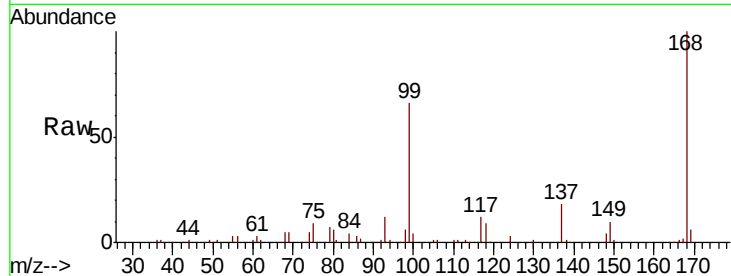
Tgt Ion:117 Resp: 31239

Ion Ratio Lower Upper

117 100

119 3.7 74.8 112.2#

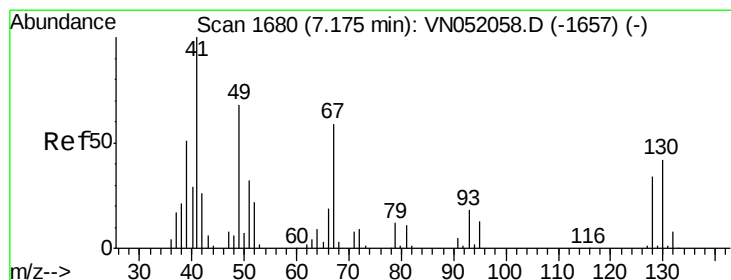
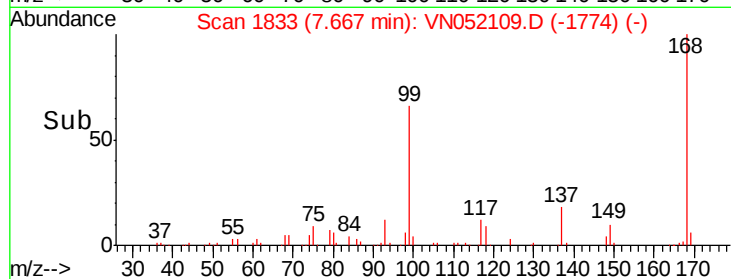
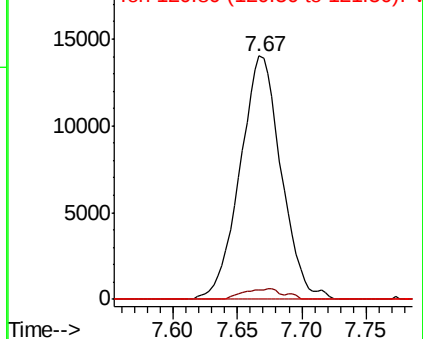
121 0.0 25.1 37.7#



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



#41

Methacrylonitrile

Concen: 0.268 ug/l

RT: 7.17 min Scan# 1678

Delta R.T. -0.01 min

Lab File: VN052109.D

Acq: 1 Nov 2018 18:02

Tgt Ion: 41 Resp: 242

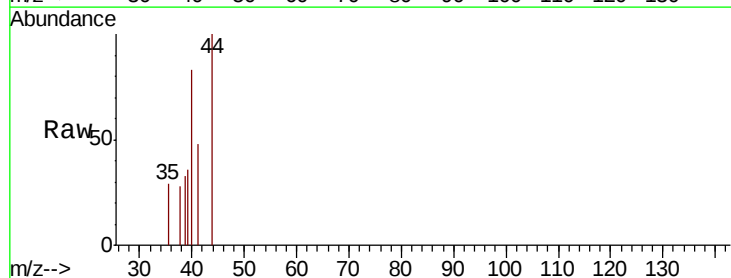
Ion Ratio Lower Upper

41 100

39 40.9 33.2 49.8

67 0.0 63.5 95.3#

52 0.0 25.6 38.4#

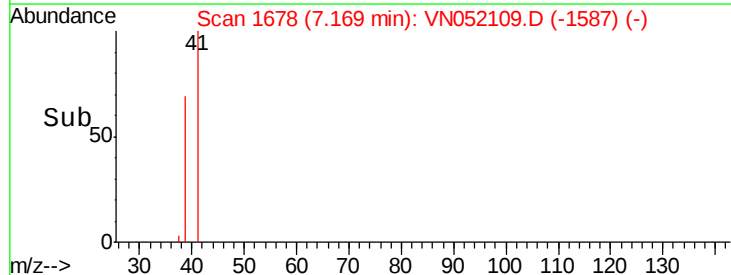
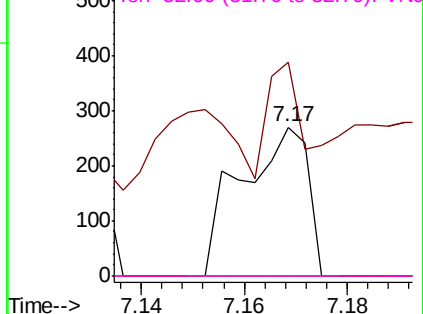


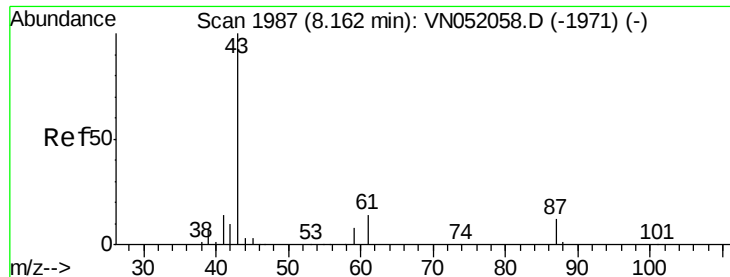
Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 67.00 (66.70 to 67.70): VNO

Ion 52.00 (51.70 to 52.70): VNO





#43

Isopropyl Acetate

Concen: 26.632 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN052109.D

Acq: 1 Nov 2018 18:02

Instrument :

MSVOA_N

ClientSampleId :

OR-03-103118-A

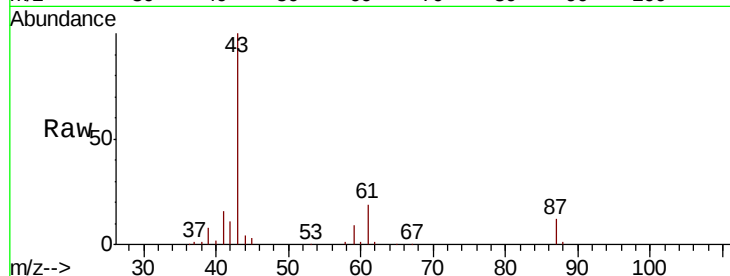
Tgt Ion: 43 Resp: 176592

Ion Ratio Lower Upper

43 100

61 19.8 15.4 23.0

87 11.3 9.8 14.8

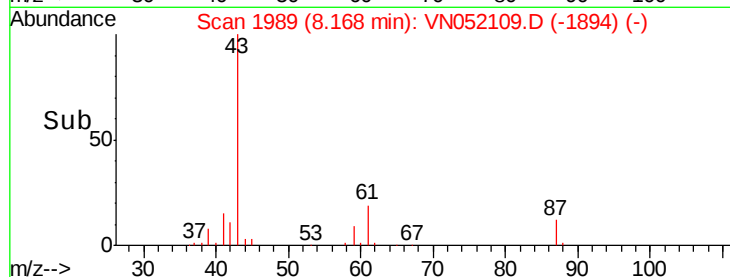


Abundance Ion 43.00 (42.70 to 43.70): VN052058.D (-1971) (-)

Ion 61.00 (60.70 to 61.70): VN052058.D (-1971) (-)

Ion 87.00 (86.70 to 87.70): VN052058.D (-1971) (-)

Time-->

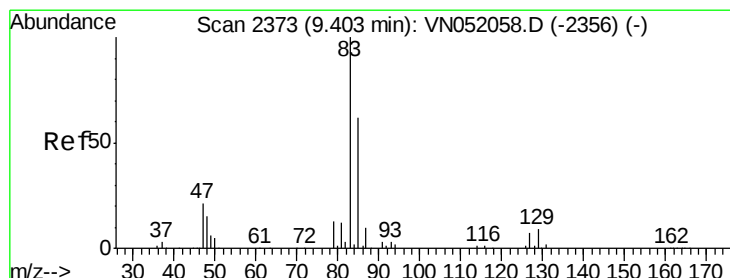


Abundance Ion 43.00 (42.70 to 43.70): VN052109.D (-1894) (-)

Ion 61.00 (60.70 to 61.70): VN052109.D (-1894) (-)

Ion 87.00 (86.70 to 87.70): VN052109.D (-1894) (-)

Time-->



#47

Bromodichloromethane

Concen: 0.290 ug/l

RT: 9.41 min Scan# 2374

Delta R.T. 0.00 min

Lab File: VN052109.D

Acq: 1 Nov 2018 18:02

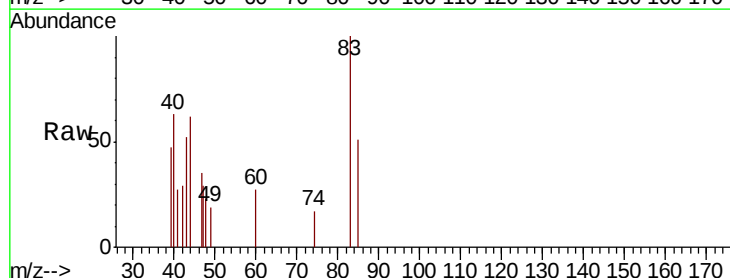
Tgt Ion: 83 Resp: 1553

Ion Ratio Lower Upper

83 100

85 51.5 49.4 74.2

127 0.0 5.8 8.8#

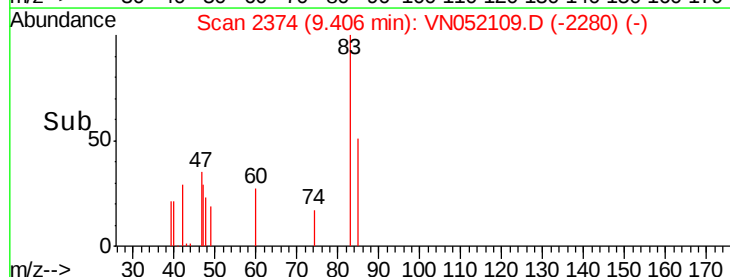


Abundance Ion 82.90 (82.60 to 83.60): VN052058.D (-2356) (-)

Ion 84.90 (84.60 to 85.60): VN052058.D (-2356) (-)

Ion 126.80 (126.50 to 127.50): VN052058.D (-2356) (-)

Time-->

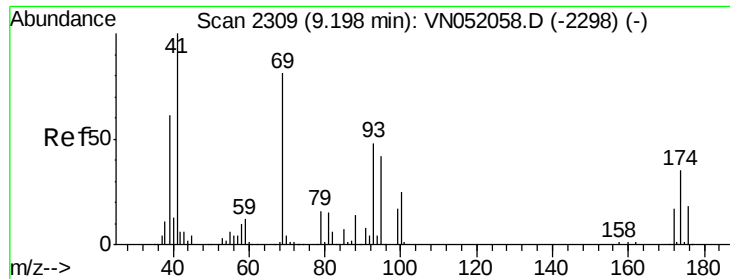


Abundance Ion 82.90 (82.60 to 83.60): VN052109.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN052109.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN052109.D (-2280) (-)

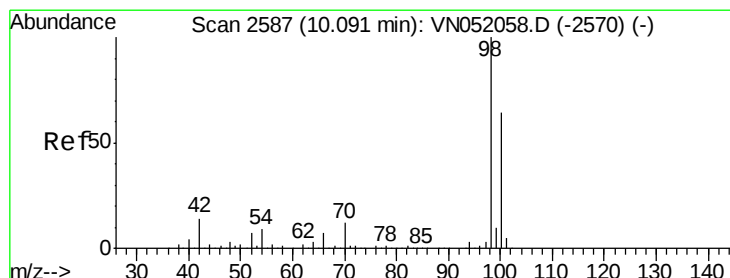
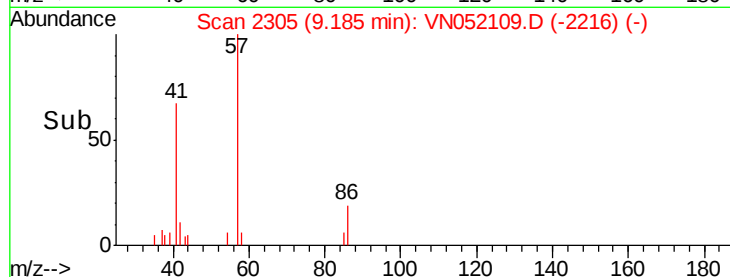
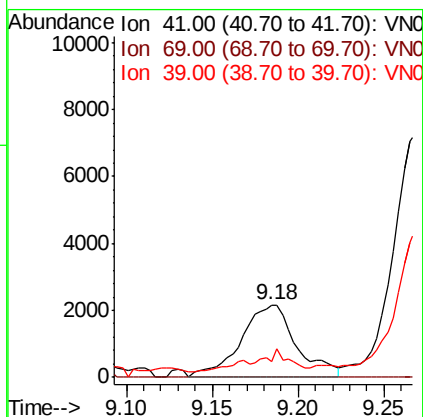
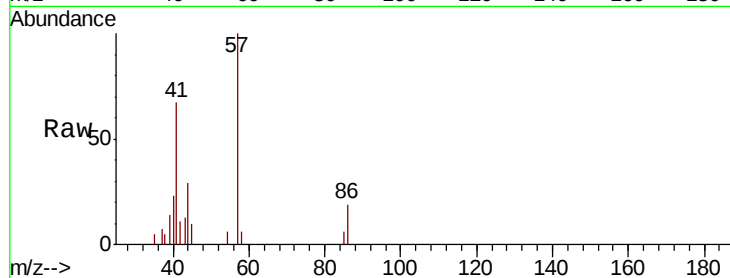
Time-->



#48
Methyl methacrylate
Concen: 1.442 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. -0.01 min
Lab File: VN052109.D
Acq: 1 Nov 2018 18:02

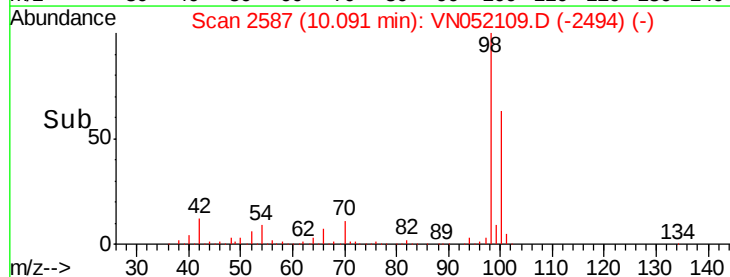
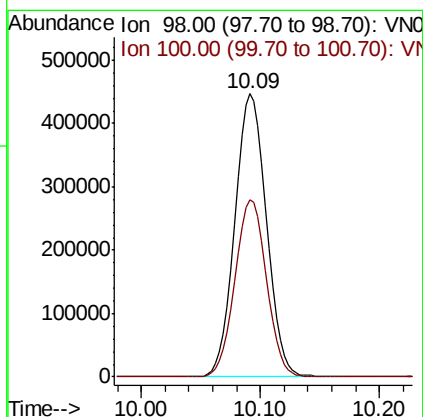
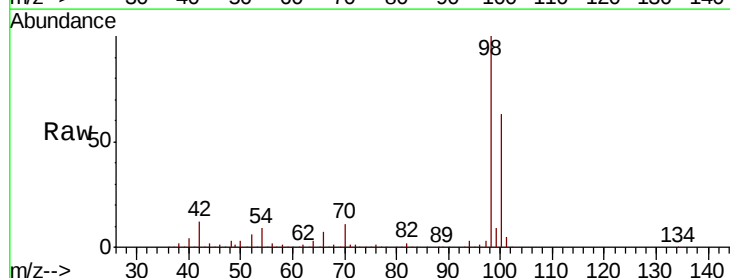
Instrument :
MSVOA_N
ClientSampleId :
OR-03-103118-A

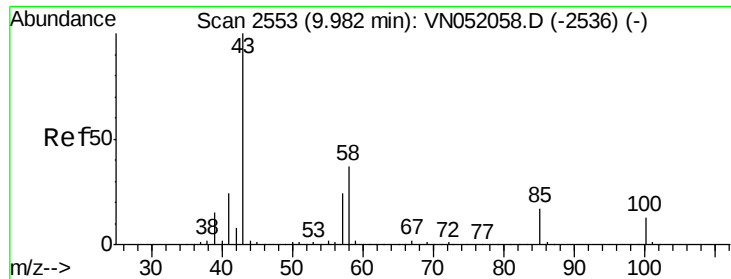
Tgt Ion: 41 Resp: 4848
Ion Ratio Lower Upper
41 100
69 0.0 67.1 100.7#
39 10.3 50.5 75.7#



#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN052109.D
Acq: 1 Nov 2018 18:02

Tgt Ion: 98 Resp: 819922
Ion Ratio Lower Upper
98 100
100 62.7 51.4 77.2





#51

4-Methyl-2-Pentanone

Concen: 0.289 ug/l

RT: 9.99 min Scan# 2556

Delta R.T. 0.01 min

Lab File: VN052109.D

Acq: 1 Nov 2018 18:02

Instrument :

MSVOA_N

ClientSampleId :

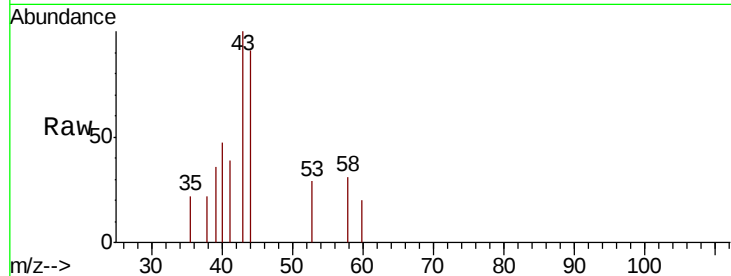
OR-03-103118-A

Tgt Ion: 43 Resp: 1040

Ion Ratio Lower Upper

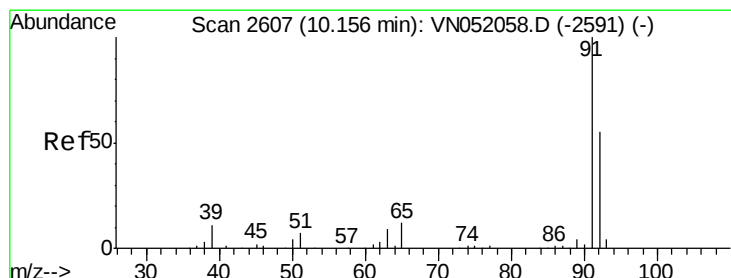
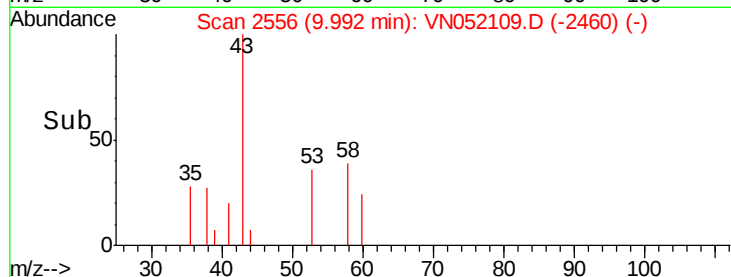
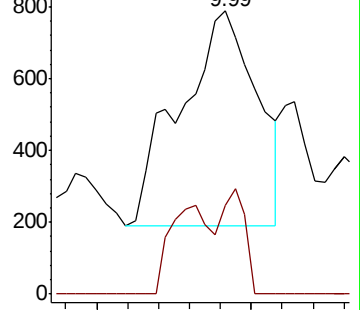
43 100

58 22.5 29.7 44.5#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 0.292 ug/l

RT: 10.16 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN052109.D

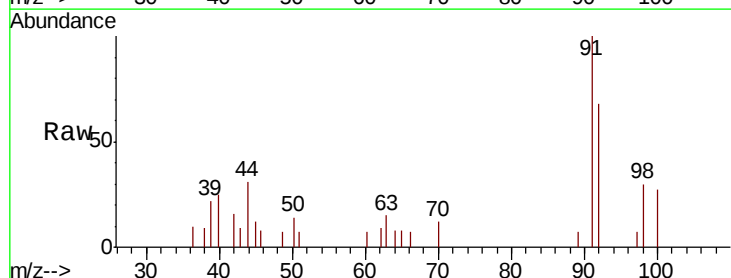
Acq: 1 Nov 2018 18:02

Tgt Ion: 92 Resp: 2844

Ion Ratio Lower Upper

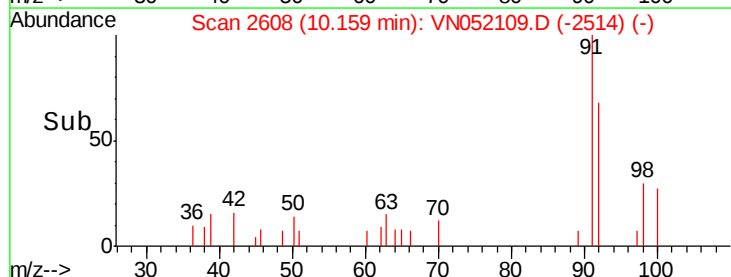
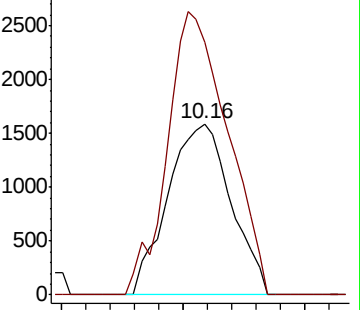
92 100

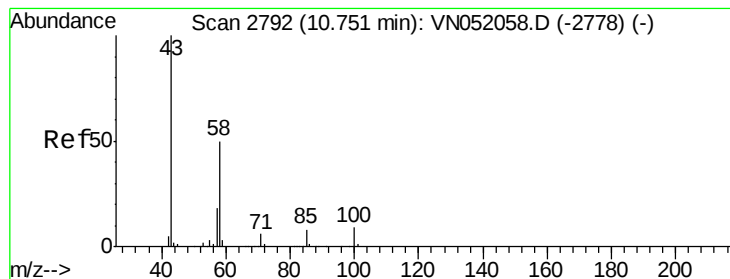
91 158.8 143.9 215.9



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#59

2-Hexanone

Concen: 4.872 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.01 min

Lab File: VN052109.D

Acq: 1 Nov 2018 18:02

Instrument :

MSVOA_N

ClientSampled :

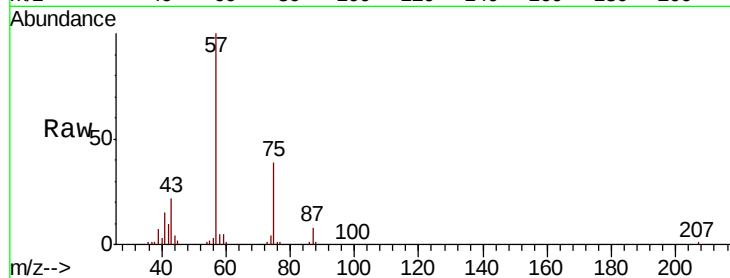
OR-03-103118-A

Tgt Ion: 43 Resp: 12514

Ion Ratio Lower Upper

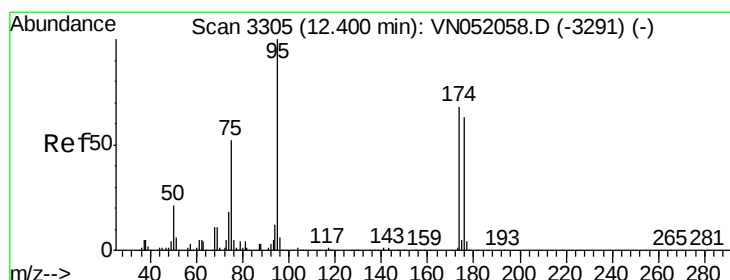
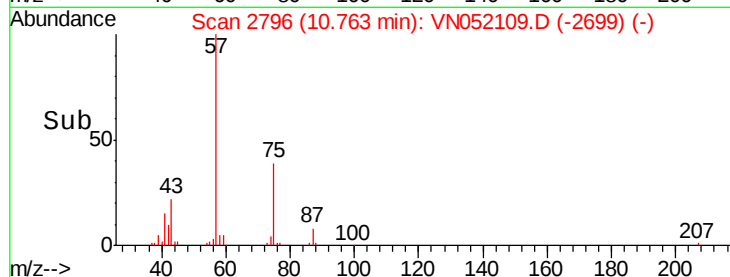
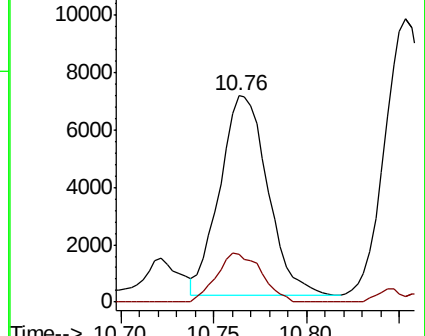
43 100

58 23.0 25.2 75.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN052109.D

Acq: 1 Nov 2018 18:02

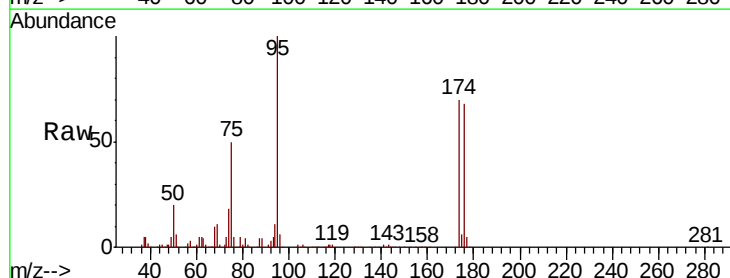
Tgt Ion: 95 Resp: 288281

Ion Ratio Lower Upper

95 100

174 71.5 0.0 131.8

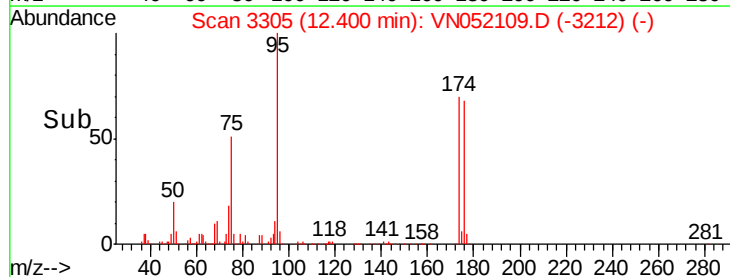
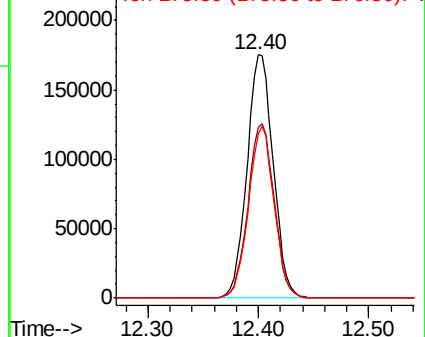
176 68.4 0.0 126.0

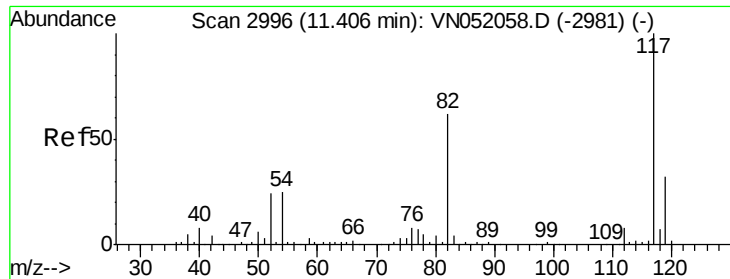


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN052109.D

Acq: 1 Nov 2018 18:02

Instrument :

MSVOA_N

ClientSampleId :

OR-03-103118-A

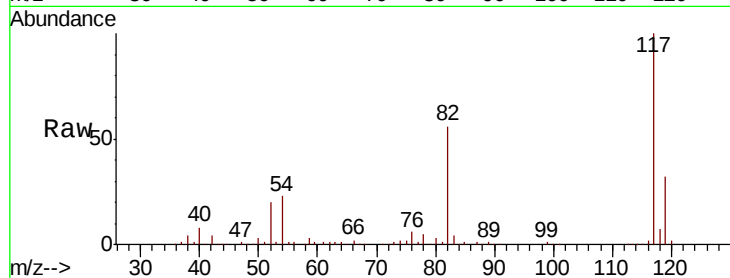
Tgt Ion:117 Resp: 527049

Ion Ratio Lower Upper

117 100

82 55.9 49.9 74.9

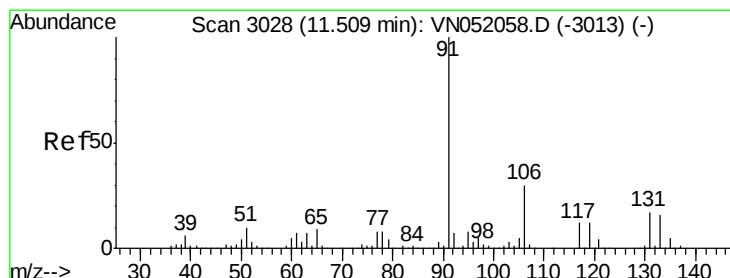
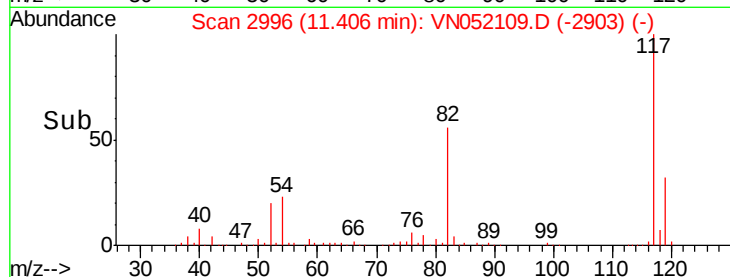
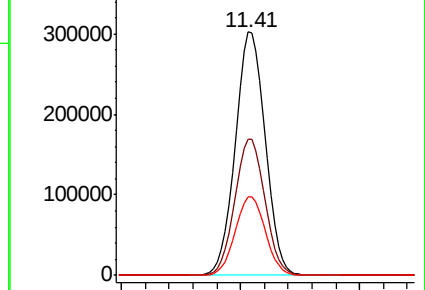
119 32.0 25.7 38.5



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#67

Ethyl Benzene

Concen: 0.552 ug/l

RT: 11.52 min Scan# 3030

Delta R.T. 0.01 min

Lab File: VN052109.D

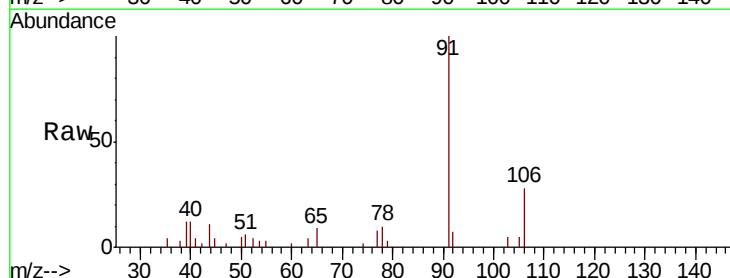
Acq: 1 Nov 2018 18:02

Tgt Ion: 91 Resp: 10934

Ion Ratio Lower Upper

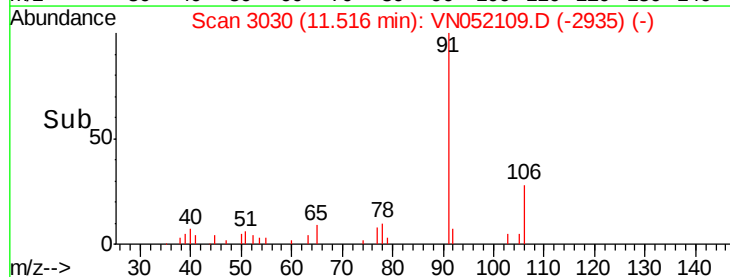
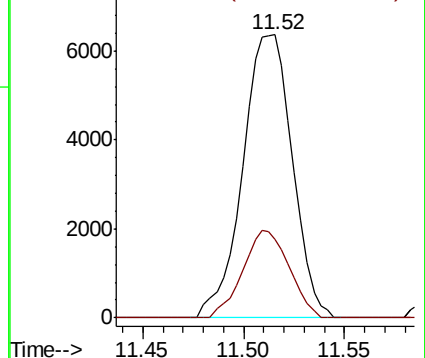
91 100

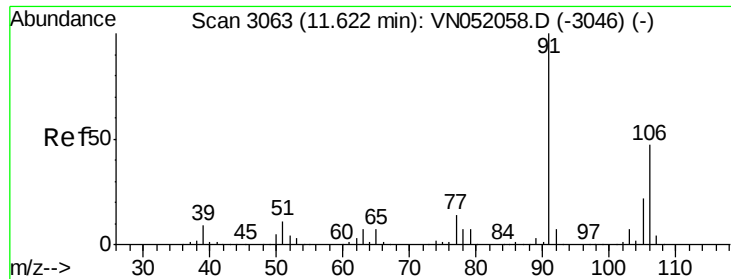
106 27.8 24.1 36.1



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V

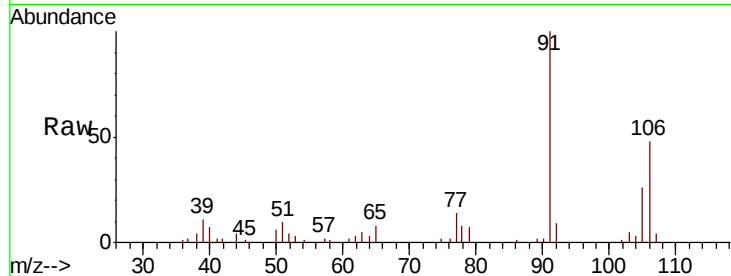




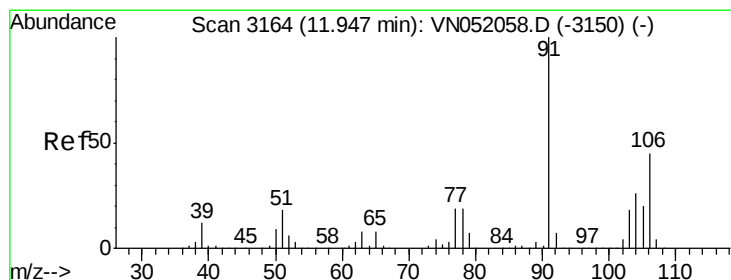
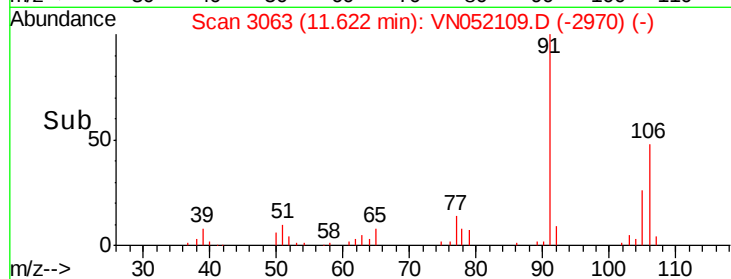
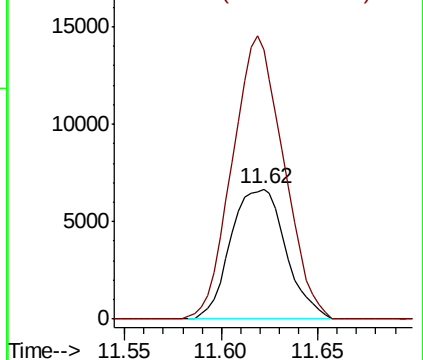
#68
m/p-Xylenes
Concen: 1.858 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN052109.D
Acq: 1 Nov 2018 18:02

Instrument :
MSVOA_N
ClientSampleId :
OR-03-103118-A

Tgt Ion:106 Resp: 13168
Ion Ratio Lower Upper
106 100
91 203.1 168.7 253.1

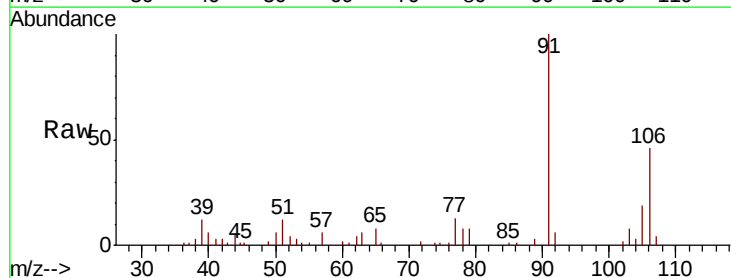


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

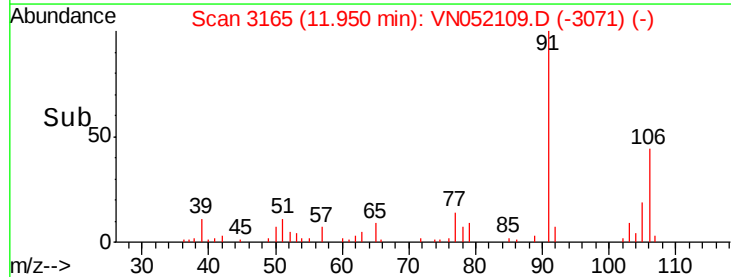
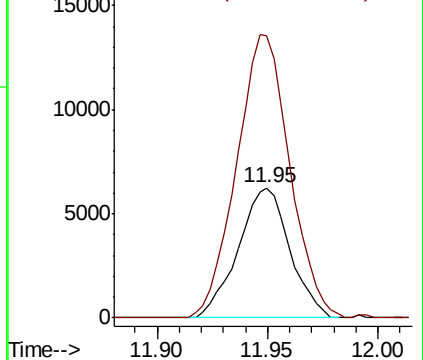


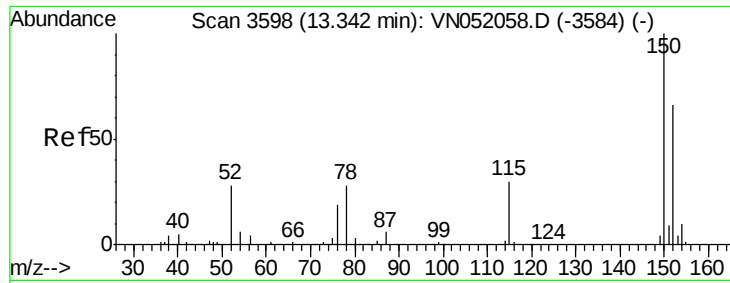
#69
o-Xylene
Concen: 1.442 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN052109.D
Acq: 1 Nov 2018 18:02

Tgt Ion:106 Resp: 10107
Ion Ratio Lower Upper
106 100
91 225.1 109.6 328.6



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN052109.D

Acq: 1 Nov 2018 18:02

Instrument :

MSVOA_N

ClientSampleId :

OR-03-103118-A

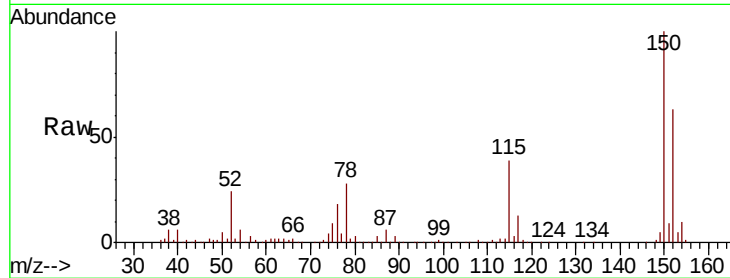
Tgt Ion:152 Resp: 218479

Ion Ratio Lower Upper

152 100

115 63.5 31.6 95.0

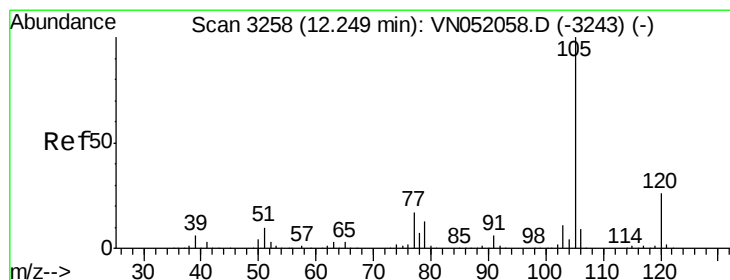
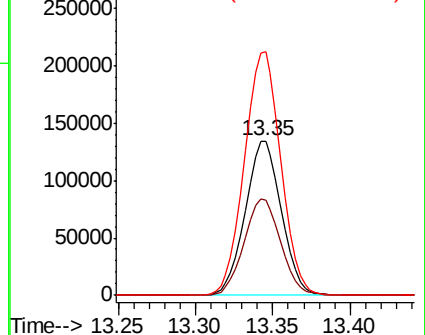
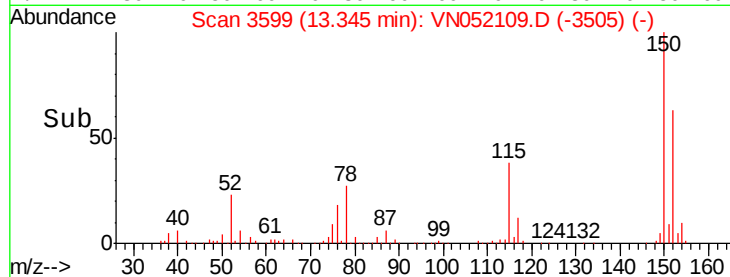
150 159.0 0.0 345.0



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



#73

Isopropylbenzene

Concen: 0.239 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN052109.D

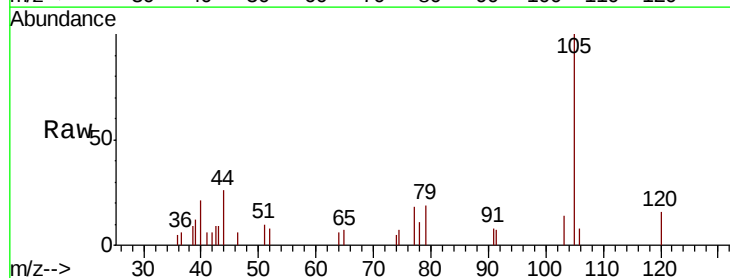
Acq: 1 Nov 2018 18:02

Tgt Ion:105 Resp: 4472

Ion Ratio Lower Upper

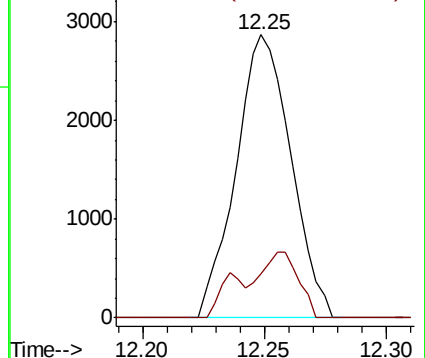
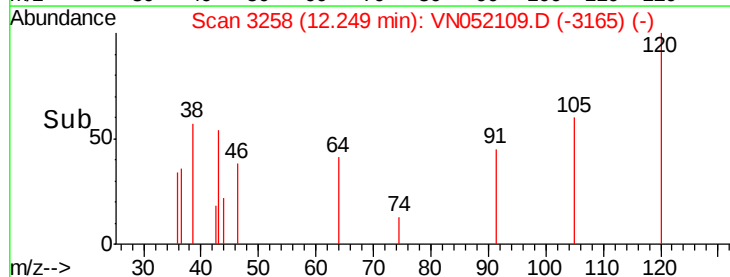
105 100

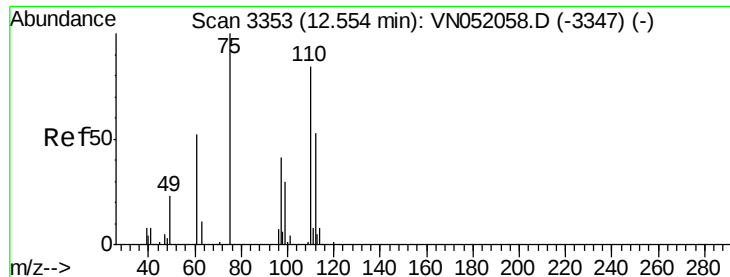
120 16.3 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#76

1,2,3-Trichloropropane

Concen: 36.863 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN052109.D

Acq: 1 Nov 2018 18:02

Instrument :

MSVOA_N

ClientSampleId :

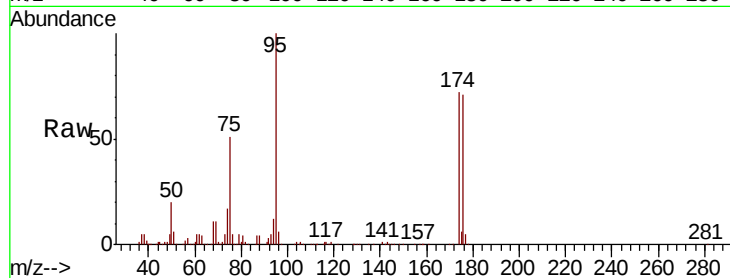
OR-03-103118-A

Tgt Ion: 75 Resp: 147428

Ion Ratio Lower Upper

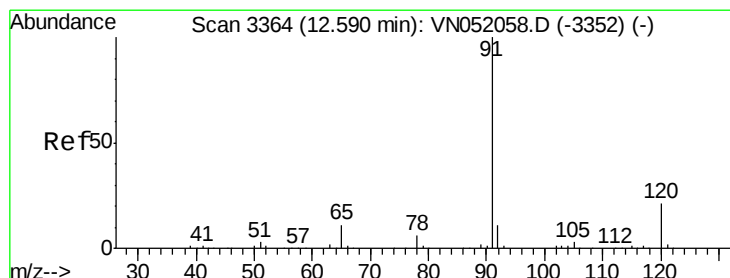
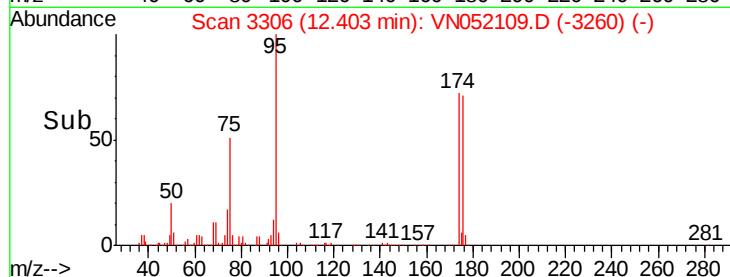
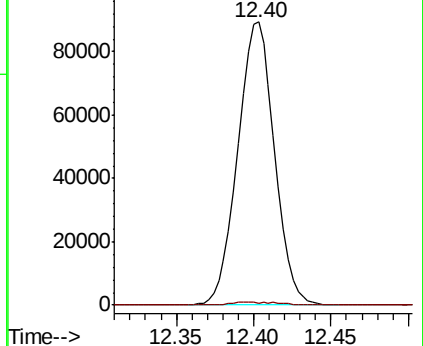
75 100

77 0.8 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: 0.536 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN052109.D

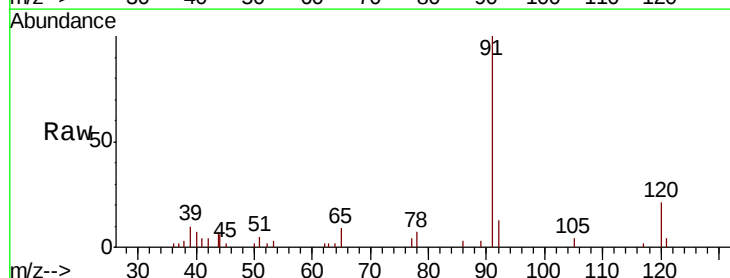
Acq: 1 Nov 2018 18:02

Tgt Ion: 91 Resp: 12145

Ion Ratio Lower Upper

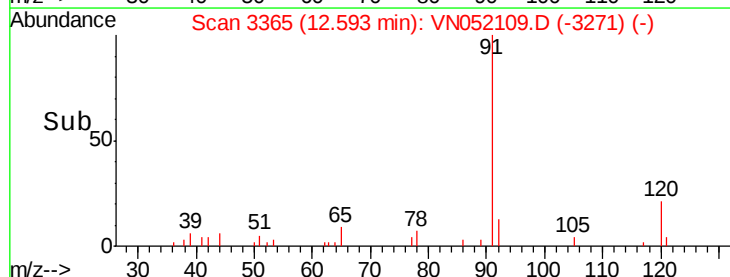
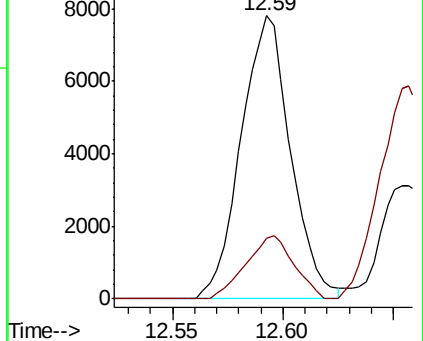
91 100

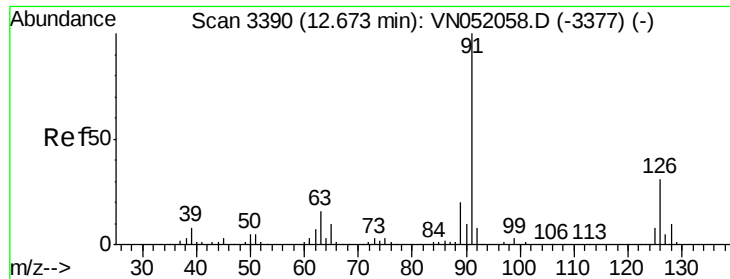
120 21.5 10.8 32.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 0.553 ug/l

RT: 12.66 min Scan# 3385

Delta R.T. -0.02 min

Lab File: VN052109.D

Acq: 1 Nov 2018 18:02

Instrument :

MSVOA_N

ClientSampleId :

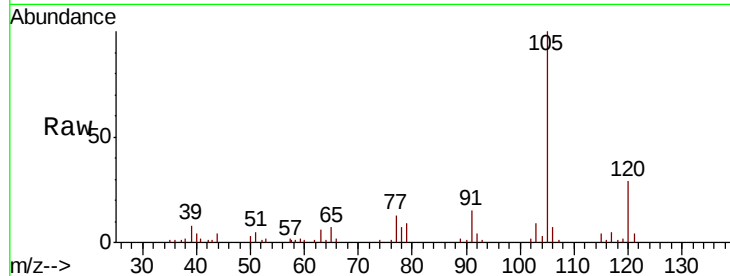
OR-03-103118-A

Tgt Ion: 91 Resp: 7292

Ion Ratio Lower Upper

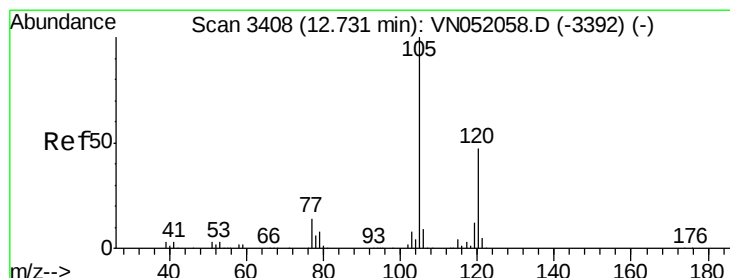
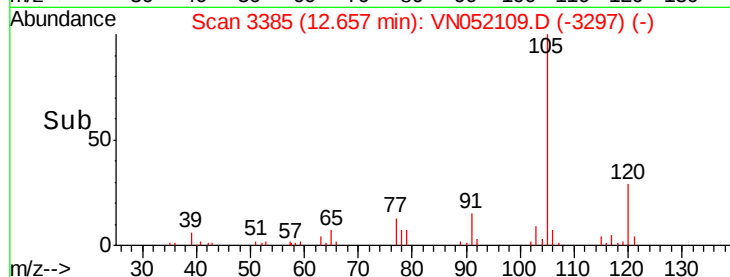
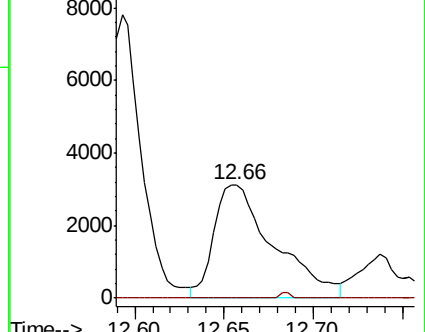
91 100

126 0.0 15.9 47.6#



Abundance Ion 91.00 (90.70 to 91.70): VN052058.D (-3377) (-)

Ion 125.90 (125.60 to 126.60): VN052058.D (-3377) (-)



#80

1,3,5-Trimethylbenzene

Concen: 1.010 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN052109.D

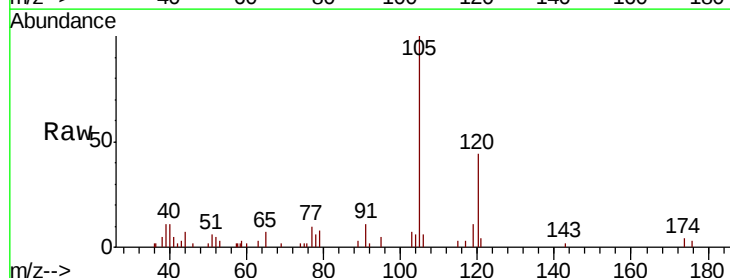
Acq: 1 Nov 2018 18:02

Tgt Ion: 105 Resp: 15361

Ion Ratio Lower Upper

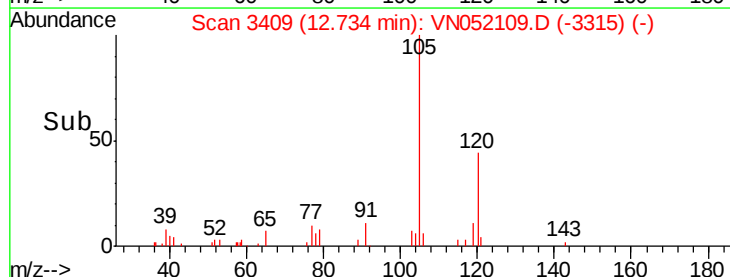
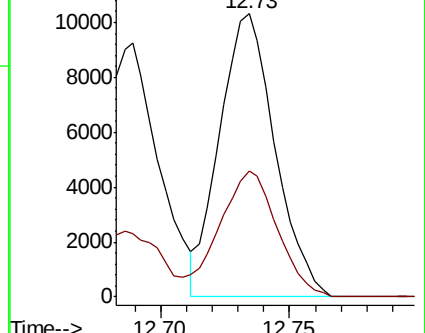
105 100

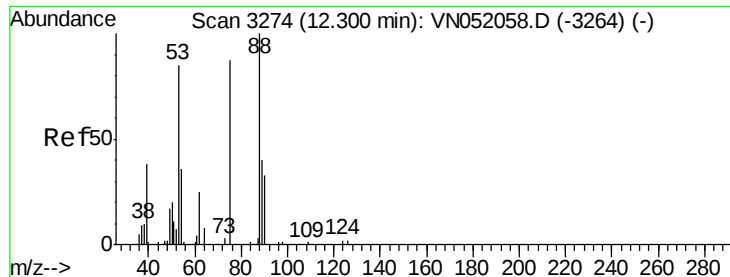
120 46.7 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): VN052058.D (-3392) (-)

Ion 120.00 (119.70 to 120.70): VN052058.D (-3392) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 122.354 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN052109.D

Acq: 1 Nov 2018 18:02

Instrument :

MSVOA_N

ClientSampleId :

OR-03-103118-A

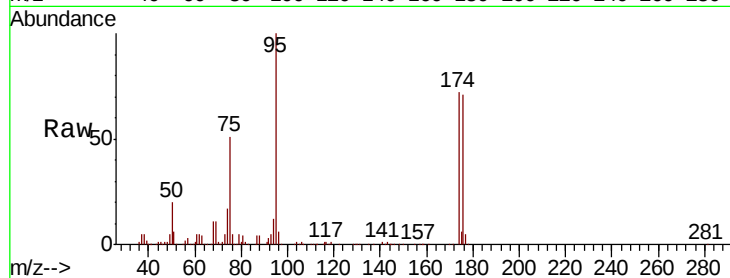
Tgt Ion: 75 Resp: 147428

Ion Ratio Lower Upper

75 100

53 0.0 81.8 122.6#

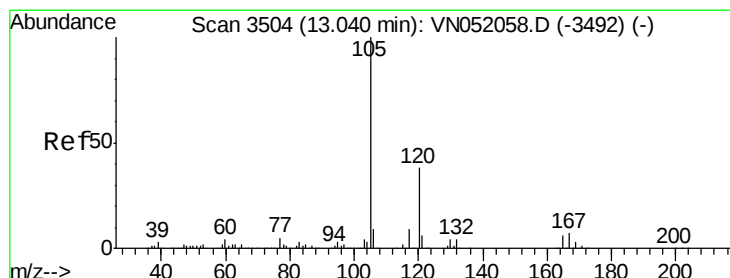
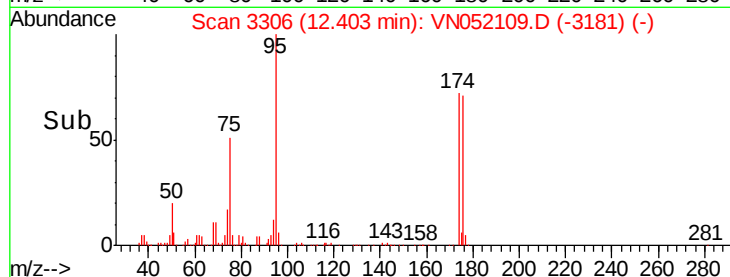
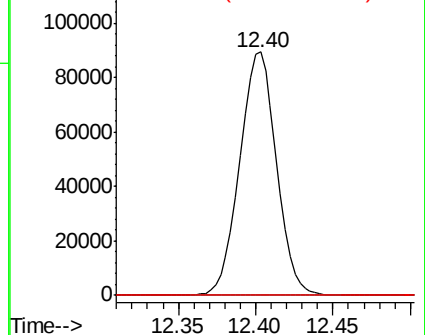
89 0.0 36.6 54.8#



Abundance Ion 74.90 (74.60 to 75.60): VN052109.D (-3306) (-)

Ion 53.00 (52.70 to 53.70): VN052109.D (-3306) (-)

Ion 88.90 (88.60 to 89.60): VN052109.D (-3306) (-)



#84

1,2,4-Trimethylbenzene

Concen: 4.180 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN052109.D

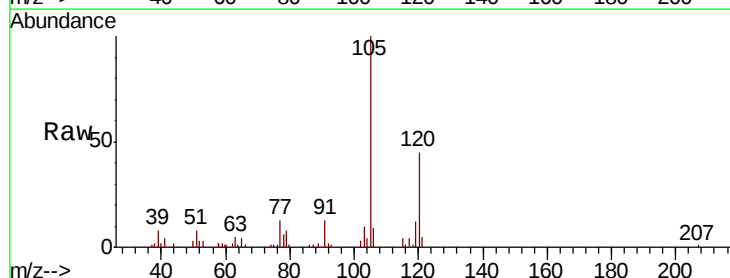
Acq: 1 Nov 2018 18:02

Tgt Ion: 105 Resp: 63253

Ion Ratio Lower Upper

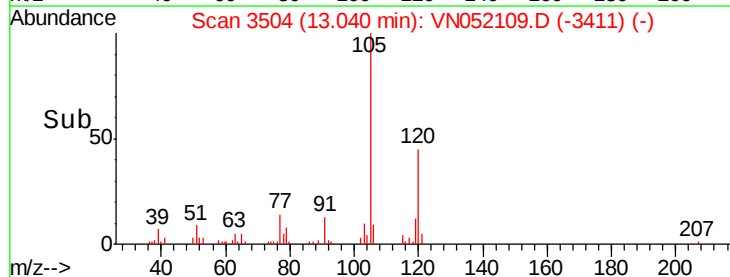
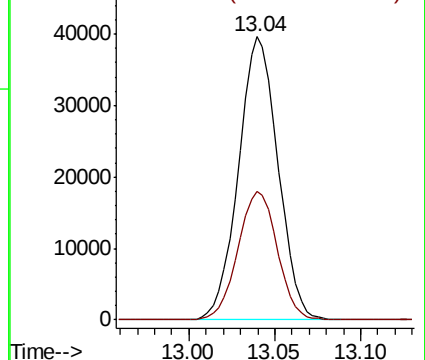
105 100

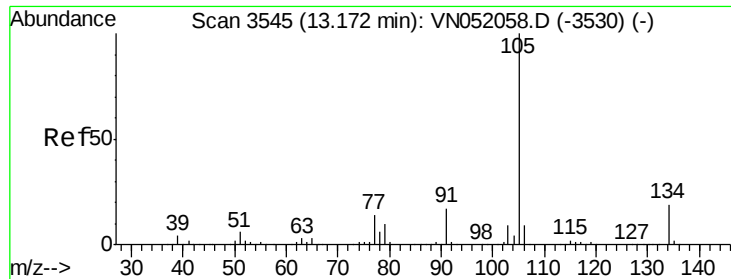
120 45.2 21.9 65.5



Abundance Ion 105.00 (104.70 to 105.70): VN052109.D (-3504) (-)

Ion 120.00 (119.70 to 120.70): VN052109.D (-3504) (-)

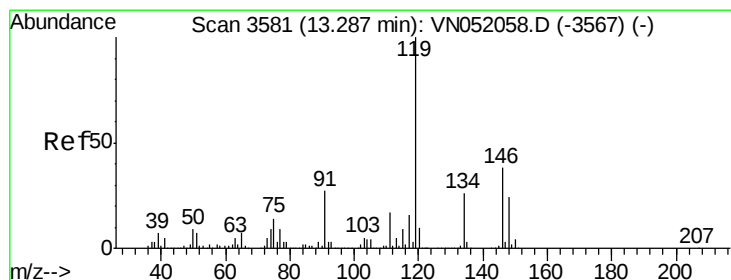
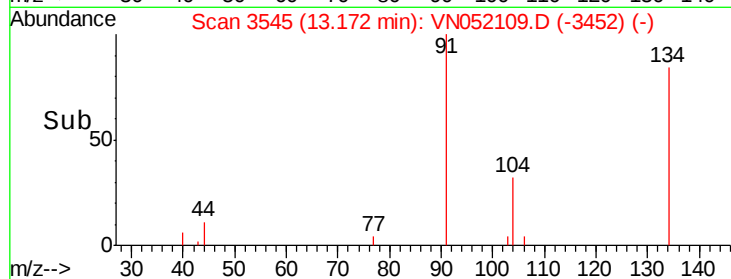
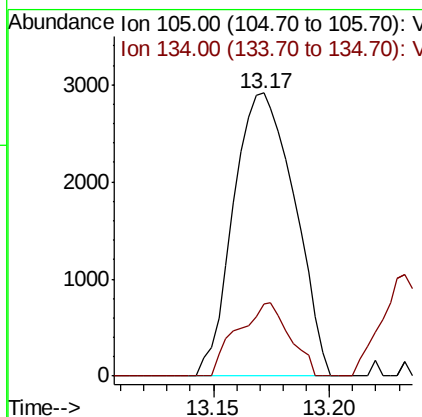
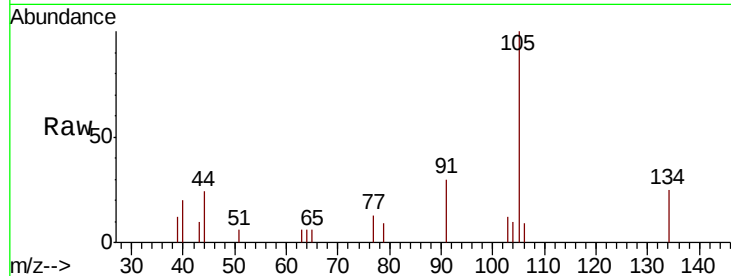




#85
 sec-Butylbenzene
 Concen: 0.292 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. -0.00 min
 Lab File: VN052109.D
 Acq: 1 Nov 2018 18:02

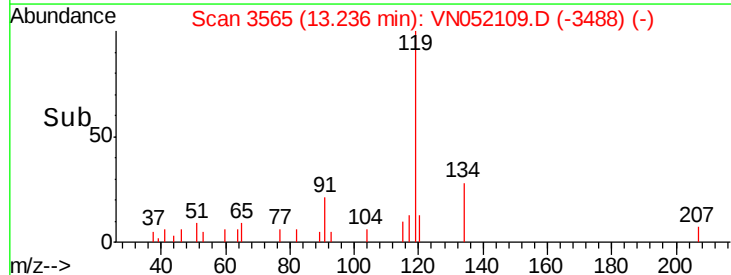
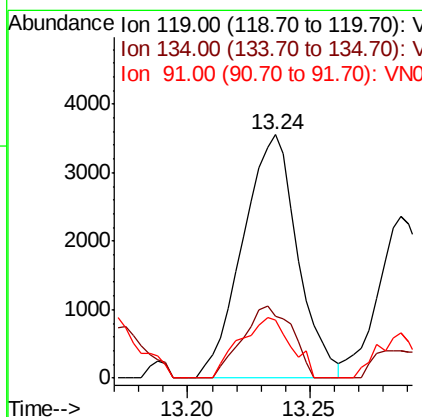
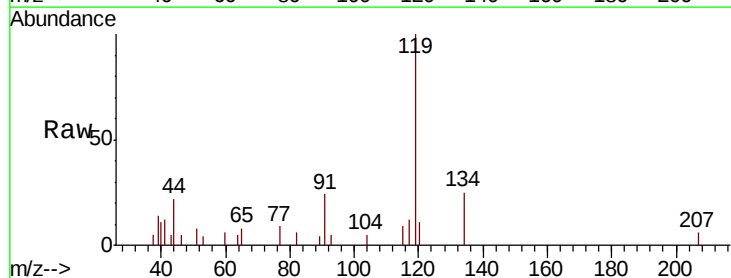
Instrument :
 MSVOA_N
 ClientSampleId :
 OR-03-103118-A

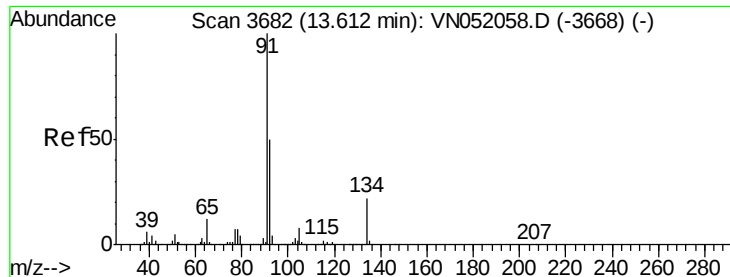
Tgt Ion:105 Resp: 5329
 Ion Ratio Lower Upper
 105 100
 134 22.2 9.1 27.3



#86
 p-Isopropyltoluene
 Concen: 0.372 ug/l
 RT: 13.24 min Scan# 3565
 Delta R.T. -0.05 min
 Lab File: VN052109.D
 Acq: 1 Nov 2018 18:02

Tgt Ion:119 Resp: 5534
 Ion Ratio Lower Upper
 119 100
 134 26.7 12.8 38.3
 91 23.3 13.4 40.2





#89

n-Butylbenzene

Concen: 0.365 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN052109.D

Acq: 1 Nov 2018 18:02

Instrument :

MSVOA_N

ClientSampleId :

OR-03-103118-A

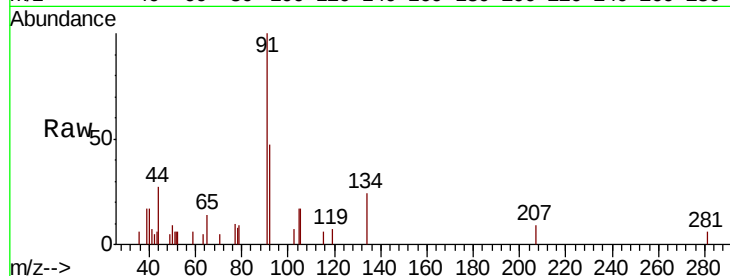
Tgt Ion: 91 Resp: 5168

Ion Ratio Lower Upper

91 100

92 45.8 25.3 75.8

134 0.0 11.2 33.5#

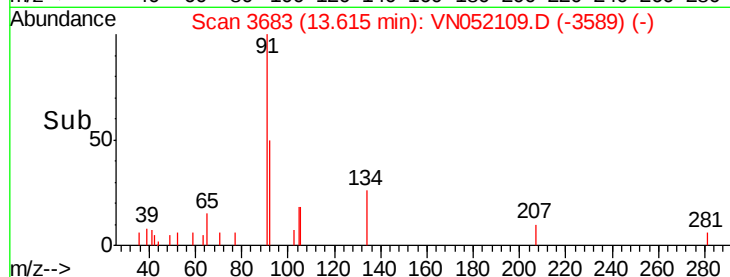


Abundance Ion 91.00 (90.70 to 91.70): VN052058.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN052058.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN052058.D (-3668) (-)

Time-->

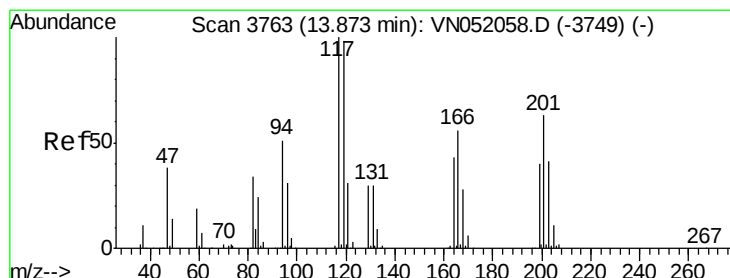


Abundance Ion 91.00 (90.70 to 91.70): VN052109.D (-3589) (-)

Ion 92.00 (91.70 to 92.70): VN052109.D (-3589) (-)

Ion 134.00 (133.70 to 134.70): VN052109.D (-3589) (-)

Time-->



#90

Hexachloroethane

Concen: 0.576 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.02 min

Lab File: VN052109.D

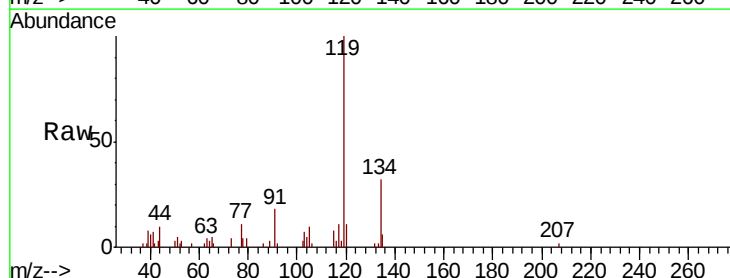
Acq: 1 Nov 2018 18:02

Tgt Ion: 117 Resp: 1467

Ion Ratio Lower Upper

117 100

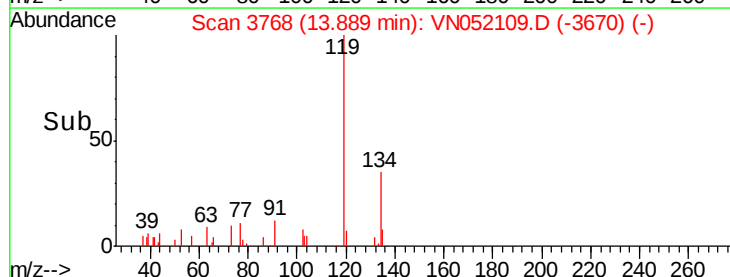
201 0.0 31.1 93.5#



Abundance Ion 116.80 (116.50 to 117.50): VN052058.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN052058.D (-3749) (-)

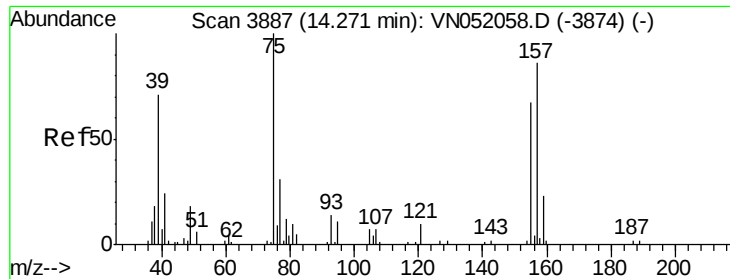
Time-->



Abundance Ion 116.80 (116.50 to 117.50): VN052109.D (-3670) (-)

Ion 200.70 (200.40 to 201.40): VN052109.D (-3670) (-)

Time-->



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.013 ug/l

RT: 14.26 min Scan# 3884

Delta R.T. -0.01 min

Lab File: VN052109.D

Acq: 1 Nov 2018 18:02

Instrument :

MSVOA_N

ClientSampleId :

OR-03-103118-A

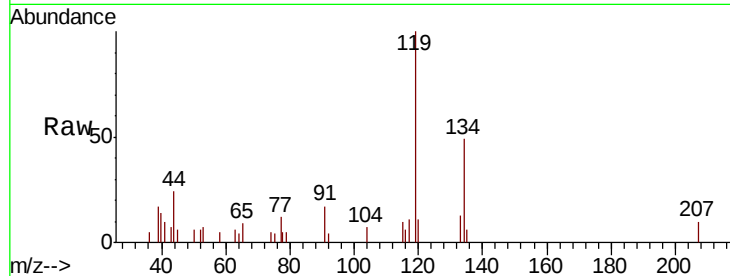
Tgt Ion: 75 Resp: 62

Ion Ratio Lower Upper

75 100

155 0.0 34.0 102.0#

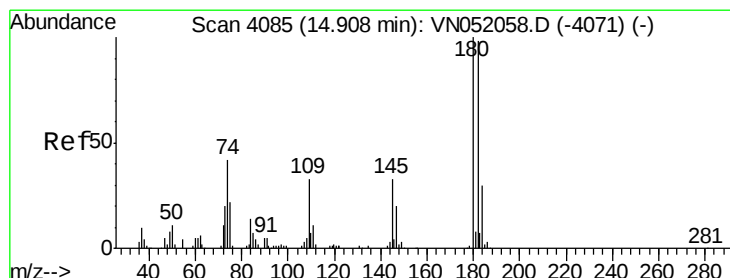
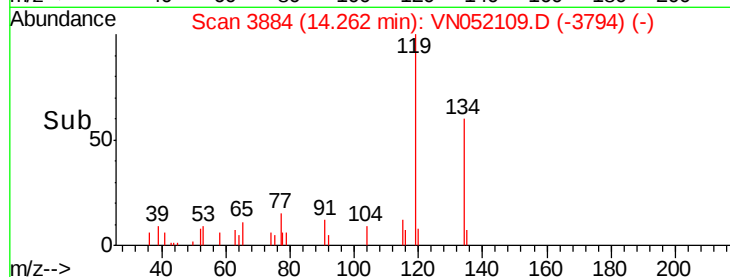
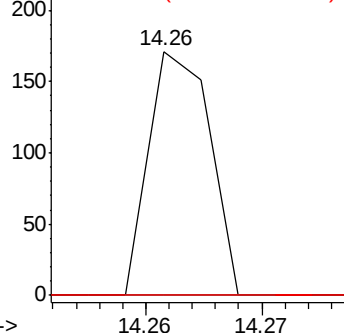
157 0.0 42.1 126.4#



Abundance Ion 74.90 (74.60 to 75.60): VN052109.D

Ion 154.80 (154.50 to 155.50): VN052109.D

Ion 156.80 (156.50 to 157.50): VN052109.D



#93

1,2,4-Trichlorobenzene

Concen: 0.474 ug/l

RT: 14.90 min Scan# 4084

Delta R.T. -0.00 min

Lab File: VN052109.D

Acq: 1 Nov 2018 18:02

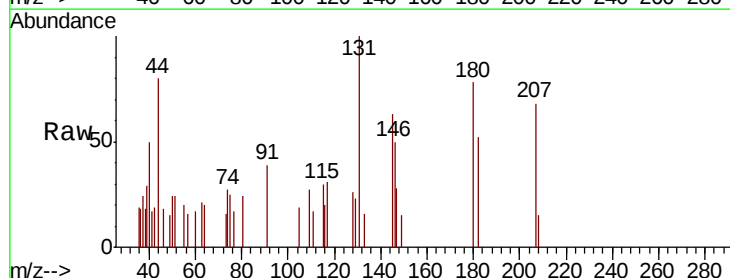
Tgt Ion: 180 Resp: 1184

Ion Ratio Lower Upper

180 100

182 77.4 49.1 147.4

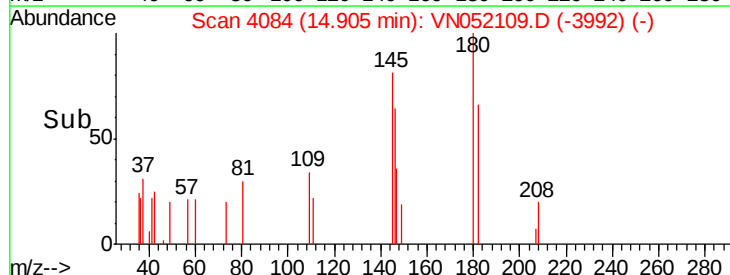
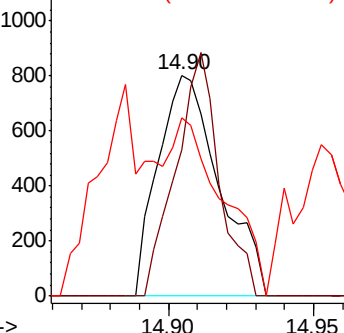
145 68.5 16.4 49.2#

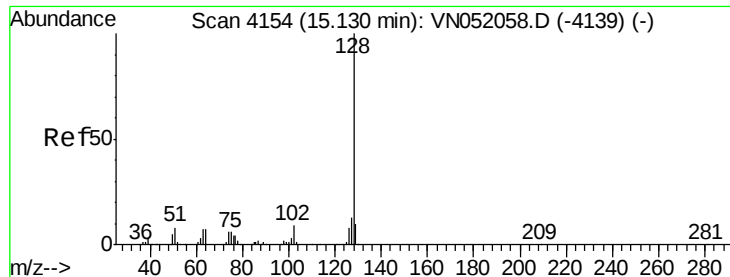


Abundance Ion 179.80 (179.50 to 180.50): VN052109.D

Ion 181.80 (181.50 to 182.50): VN052109.D

Ion 144.80 (144.50 to 145.50): VN052109.D

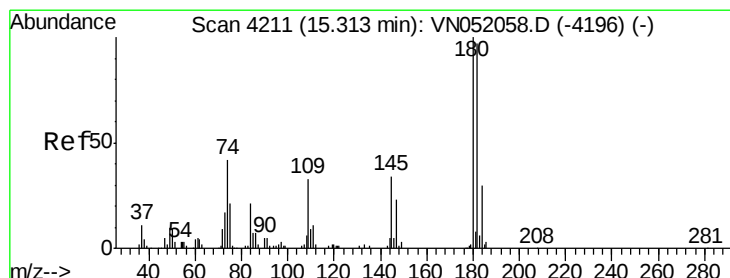
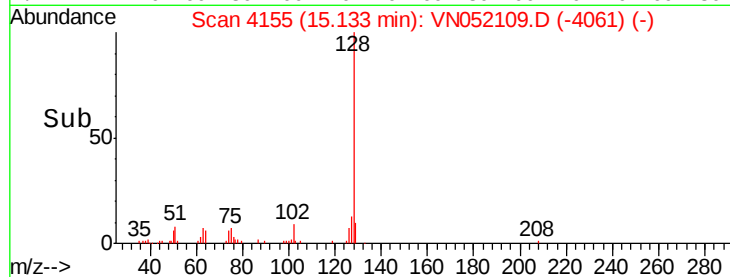
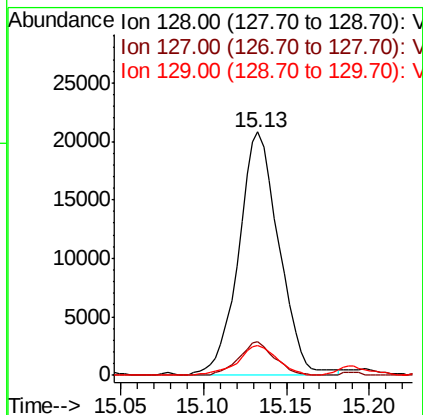
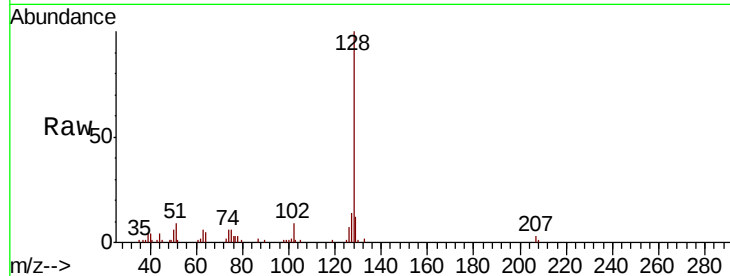




#95
Naphthalene
Concen: 5.619 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN052109.D
Acq: 1 Nov 2018 18:02

Instrument :
MSVOA_N
ClientSampleId :
OR-03-103118-A

Tgt Ion:128 Resp: 35176
Ion Ratio Lower Upper
128 100
127 12.1 10.5 15.7
129 12.0 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 0.585 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. -0.00 min
Lab File: VN052109.D
Acq: 1 Nov 2018 18:02

Tgt Ion:180 Resp: 1259
Ion Ratio Lower Upper
180 100
182 84.0 47.2 141.6
145 54.9 16.6 49.7#

