

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN122718\
 Data File : VN053206.D
 Acq On : 27 Dec 2018 12:23
 Operator : MD\SY
 Sample : J6571-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 50082-50083

Quant Time: Dec 28 00:47:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1109665	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1720518	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1539220	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	657466	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	541298	48.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.14%	
35) Dibromofluoromethane	7.59	113	469770	59.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.54%	
50) Toluene-d8	10.09	98	2090895	49.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.12%	
62) 4-Bromofluorobenzene	12.40	95	700695	47.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.62%	

Target Compounds					Qvalue
5) Bromomethane	2.58	94	5213	0.546 ug/l	92
10) Methyl Iodide	3.96	142	18670	1.214 ug/l	99
11) Tert butyl alcohol	4.78	59	28040	40.809 ug/l #	93
13) Acrolein	3.61	56	1618	2.597 ug/l #	83
16) Acetone	3.81	43	1135874	514.453 ug/l	96
17) Carbon Disulfide	4.07	76	13201	0.383 ug/l	100
18) Methyl Acetate	4.33	43	52064	6.084 ug/l	98
20) Methylene Chloride	4.55	84	4103	0.341 ug/l #	88
22) Diisopropyl ether	6.02	45	10136	0.290 ug/l #	1
23) Vinyl Acetate	6.03	43	23460	1.167 ug/l #	73
25) 2-Butanone	6.84	43	97050	26.191 ug/l	99
31) Cyclohexane	7.66	56	18735	Below Cal #	1
36) 1,1-Dichloropropene	7.67	75	73841	4.471 ug/l #	49
37) Ethyl Acetate	6.93	43	16730	1.815 ug/l #	73
38) Carbon Tetrachloride	7.67	117	96809	6.396 ug/l #	15
41) Methacrylonitrile	7.20	41	1358	0.255 ug/l #	28
43) Isopropyl Acetate	8.19	43	9357	Below Cal #	53
48) Methyl methacrylate	9.17	41	28045	3.135 ug/l #	37
49) 1,4-Dioxane	9.20	88	2057	18.178 ug/l #	22
51) 4-Methyl-2-Pentanone	9.99	43	4424	0.496 ug/l	93
52) Toluene	10.16	92	38795	1.274 ug/l	99
57) 1,3-Dichloropropane	10.80	76	10485	0.576 ug/l #	42
59) 2-Hexanone	10.80	43	547282	90.604 ug/l #	46
68) m/p-Xylenes	11.62	106	11119	0.498 ug/l	98
69) o-Xylene	11.95	106	5206	0.243 ug/l	98
71) Bromoform	12.40	173	4280	0.499 ug/l #	1
73) Isopropylbenzene	12.25	105	12776	0.248 ug/l #	68
76) 1,2,3-Trichloropropane	12.40	75	322545	29.143 ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	9120	0.218 ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	322545	93.931 ug/l #	12
84) 1,2,4-Trimethylbenzene	13.04	105	22417	0.532 ug/l	77
86) p-Isopropyltoluene	13.29	119	11183	0.258 ug/l	90
93) 1,2,4-Trichlorobenzene	14.91	180	6985	1.181 ug/l	98
94) Hexachlorobutadiene	15.01	225	2730	Below Cal	93

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QLast Update : Tue Dec 18 13:03:37 2018
Response via : Initial Calibration

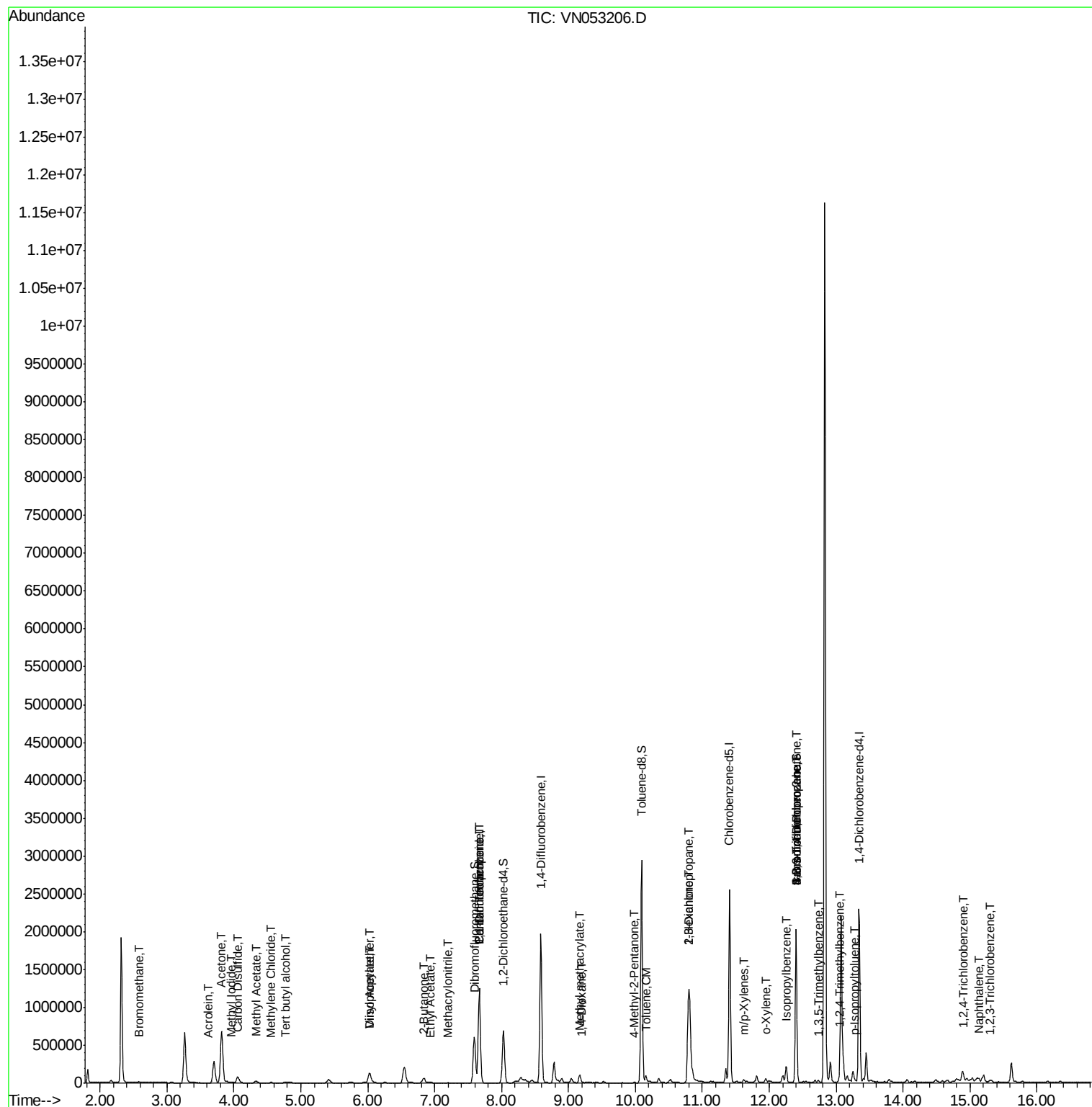
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.13	128	39817	2.652	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.31	180	7729	1.228	ug/l	98

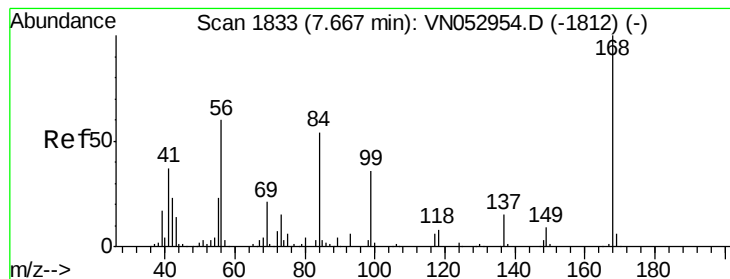
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN053206.D

Acq: 27 Dec 2018 12:23

Instrument :

MSVOA_N

ClientSampleId :

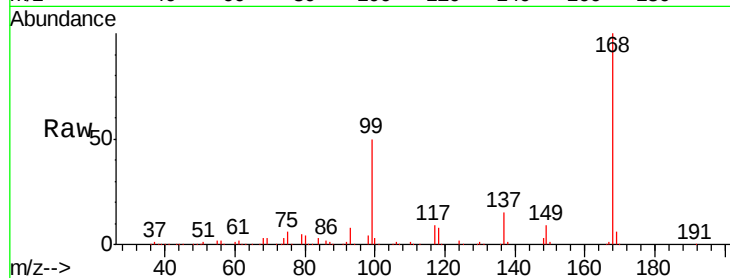
50082-50083

Tgt Ion:168 Resp: 1109665

Ion Ratio Lower Upper

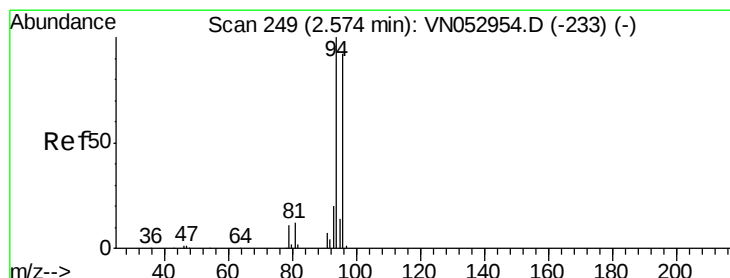
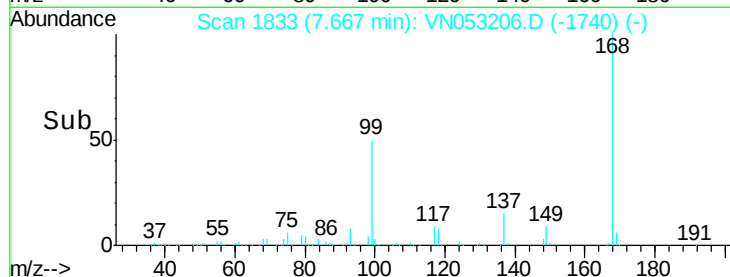
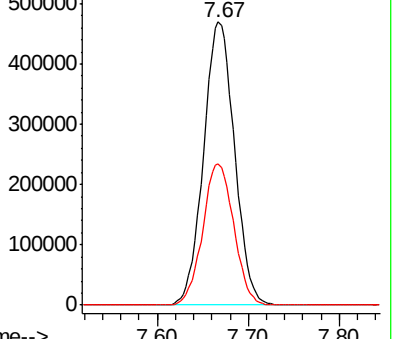
168 100

99 49.9 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#5

Bromomethane

Concen: 0.546 ug/l

RT: 2.58 min Scan# 250

Delta R.T. 0.00 min

Lab File: VN053206.D

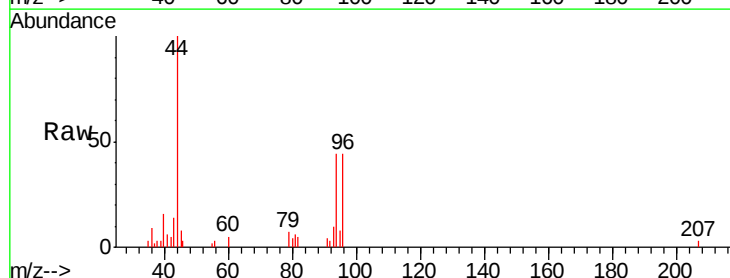
Acq: 27 Dec 2018 12:23

Tgt Ion: 94 Resp: 5213

Ion Ratio Lower Upper

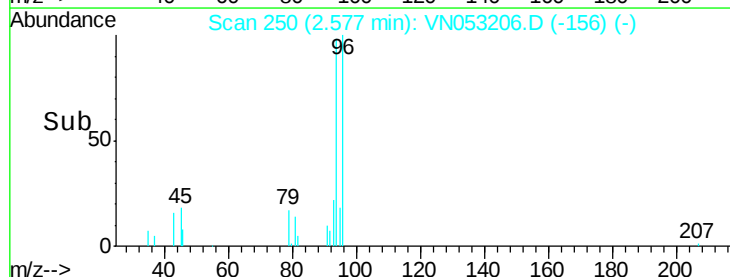
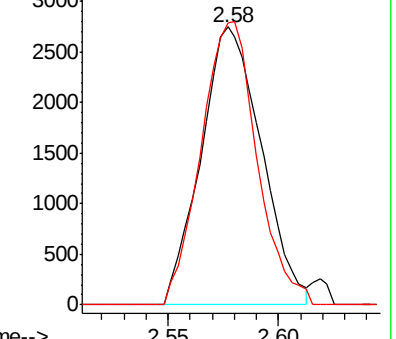
94 100

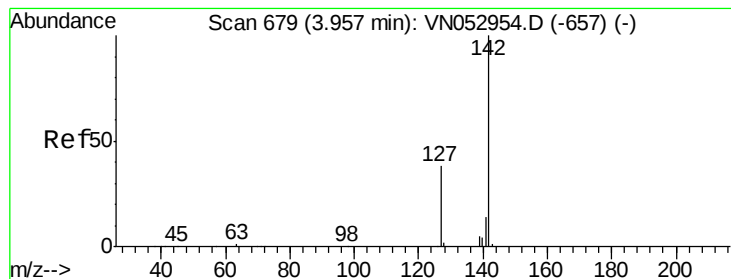
96 101.6 75.0 112.4



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO





#10

Methyl Iodide

Concen: 1.214 ug/l

RT: 3.96 min Scan# 679

Delta R.T. -0.00 min

Lab File: VN053206.D

Acq: 27 Dec 2018 12:23

Instrument :

MSVOA_N

ClientSampleId :

50082-50083

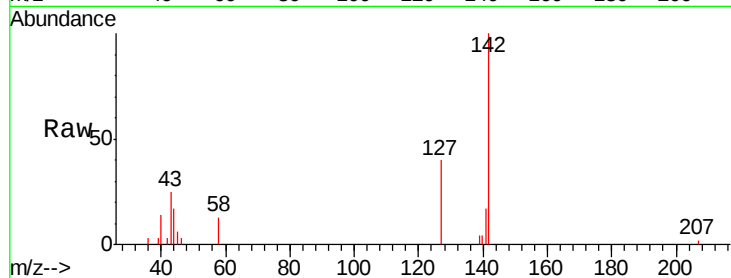
Tgt Ion:142 Resp: 18670

Ion Ratio Lower Upper

142 100

127 37.7 31.0 46.6

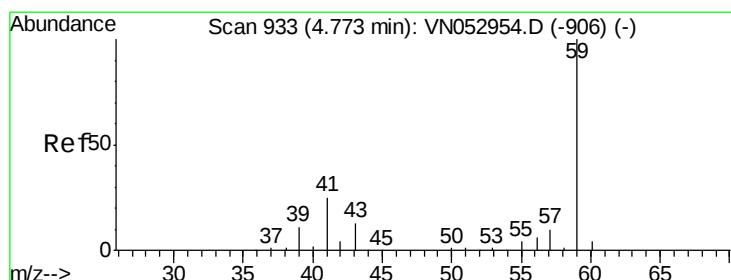
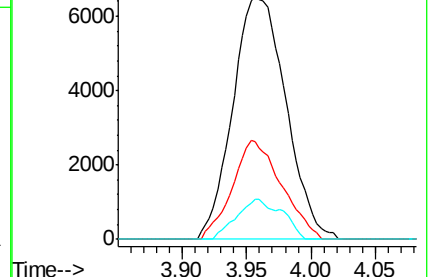
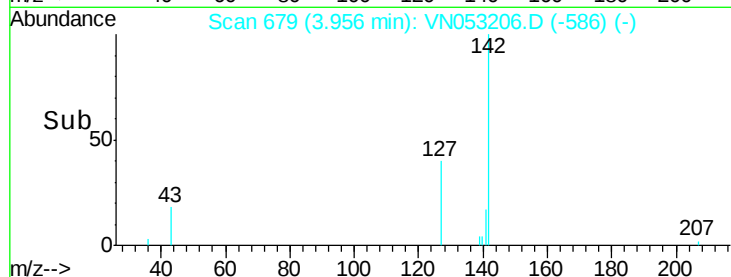
141 14.1 11.2 16.8



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



#11

Tert butyl alcohol

Concen: 40.809 ug/l

RT: 4.78 min Scan# 934

Delta R.T. 0.00 min

Lab File: VN053206.D

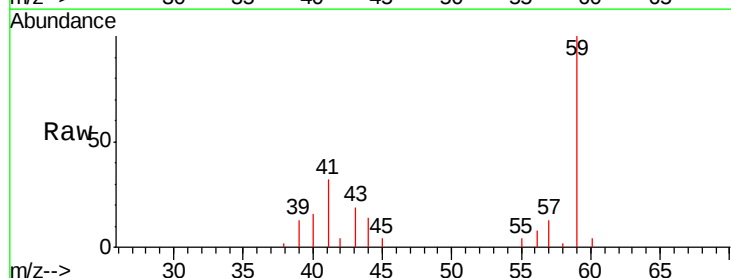
Acq: 27 Dec 2018 12:23

Tgt Ion: 59 Resp: 28040

Ion Ratio Lower Upper

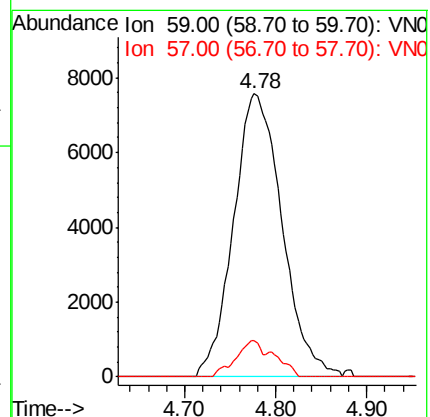
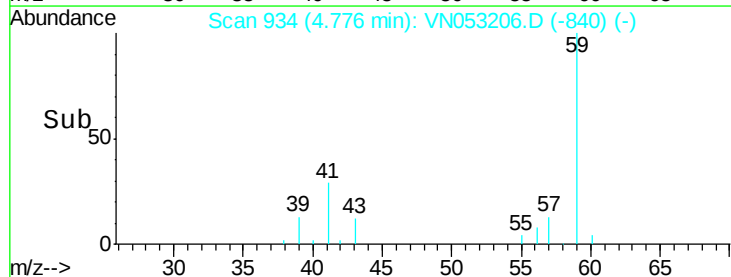
59 100

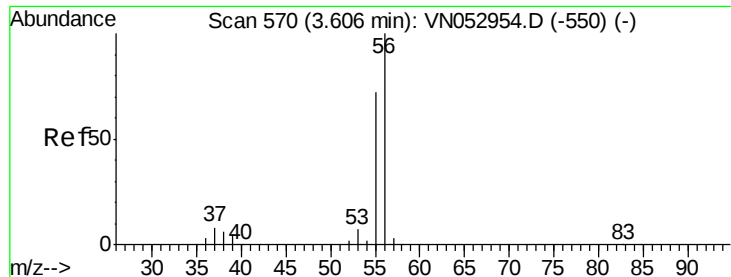
57 7.2 7.7 11.5#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0





#13

Acrolein

Concen: 2.597 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN053206.D

Acq: 27 Dec 2018 12:23

Instrument :

MSVOA_N

ClientSampled :

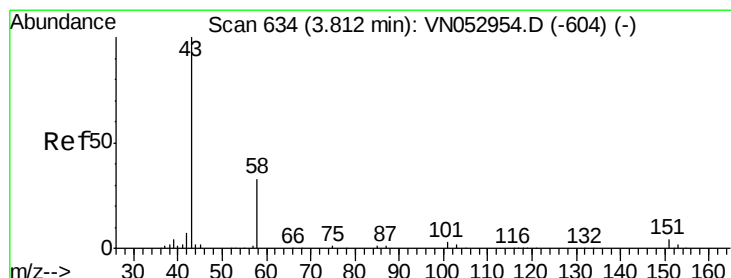
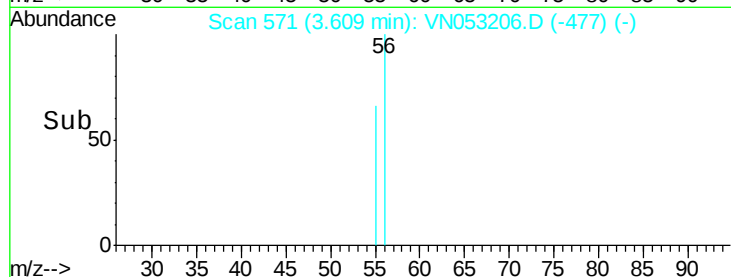
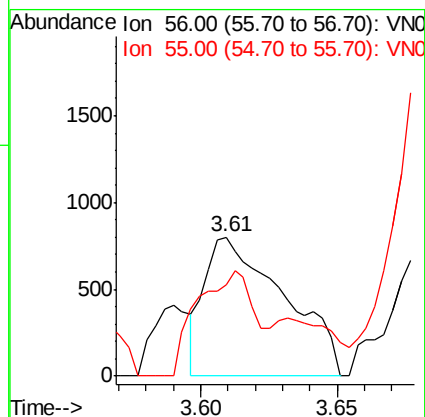
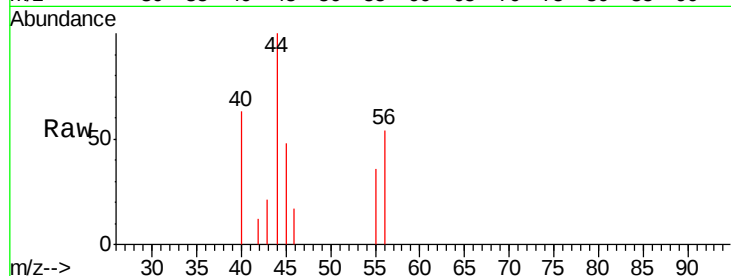
50082-50083

Tgt Ion: 56 Resp: 1618

Ion Ratio Lower Upper

56 100

55 56.6 56.6 85.0#



#16

Acetone

Concen: 514.453 ug/l

RT: 3.81 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN053206.D

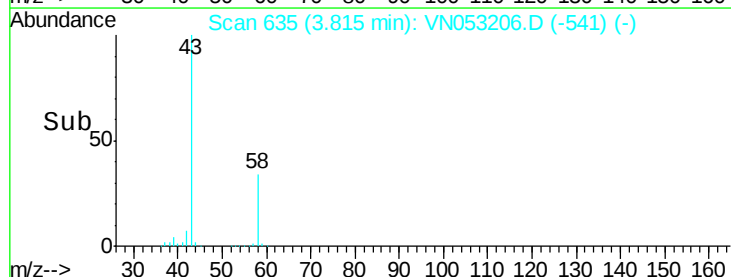
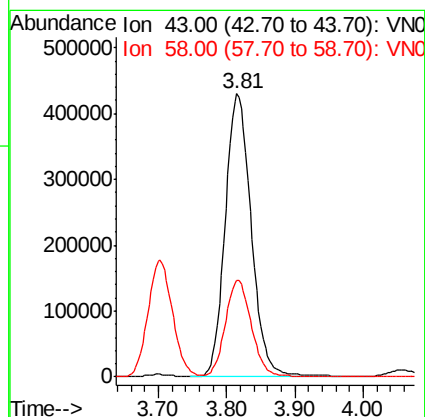
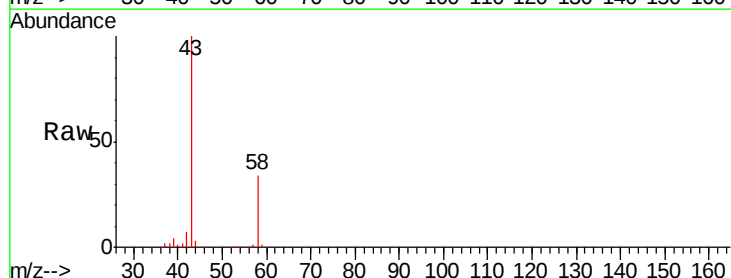
Acq: 27 Dec 2018 12:23

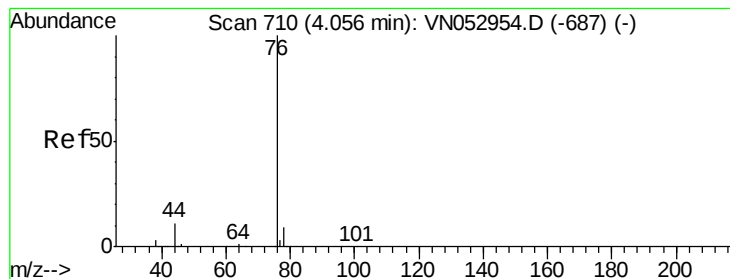
Tgt Ion: 43 Resp: 1135874

Ion Ratio Lower Upper

43 100

58 34.0 25.4 38.0





#17

Carbon Disulfide

Concen: 0.383 ug/l

RT: 4.07 min Scan# 713

Delta R.T. 0.01 min

Lab File: VN053206.D

Acq: 27 Dec 2018 12:23

Instrument :

MSVOA_N

ClientSampled :

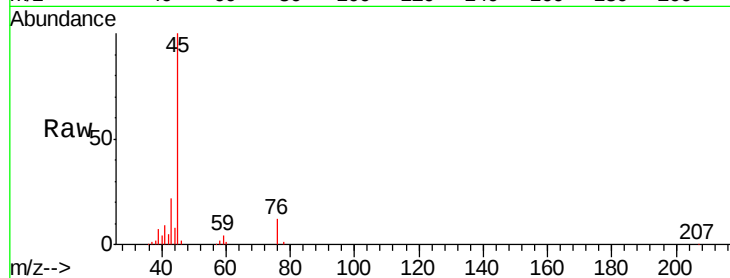
50082-50083

Tgt Ion: 76 Resp: 13201

Ion Ratio Lower Upper

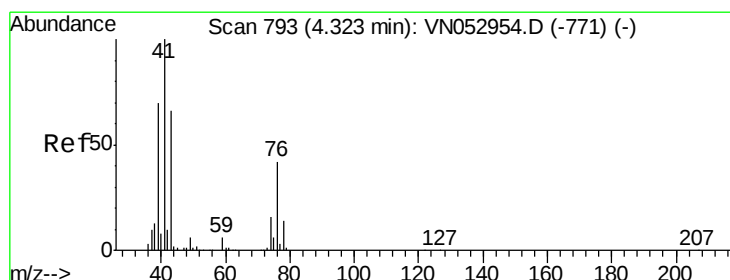
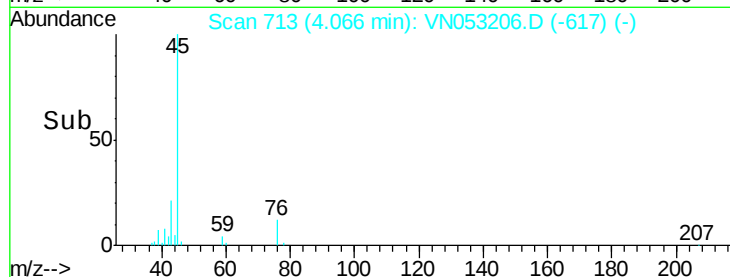
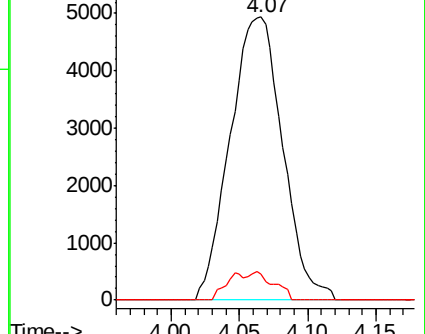
76 100

78 9.1 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 6.084 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.01 min

Lab File: VN053206.D

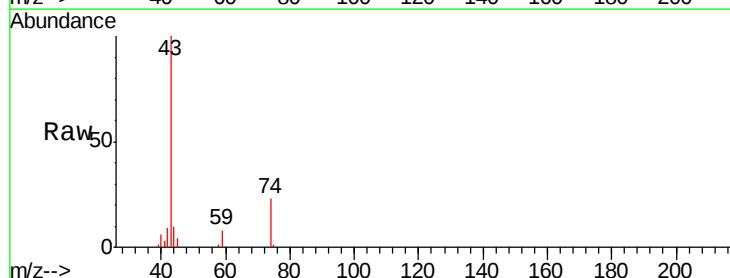
Acq: 27 Dec 2018 12:23

Tgt Ion: 43 Resp: 52064

Ion Ratio Lower Upper

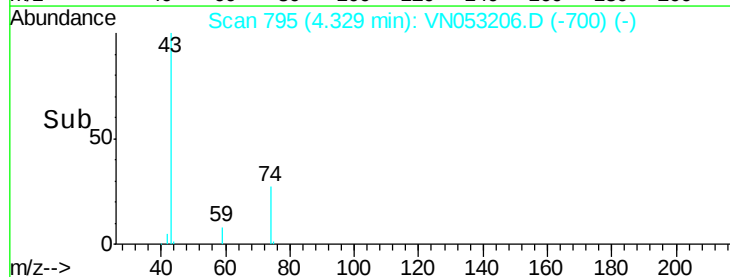
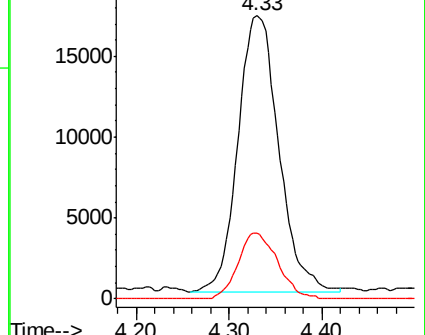
43 100

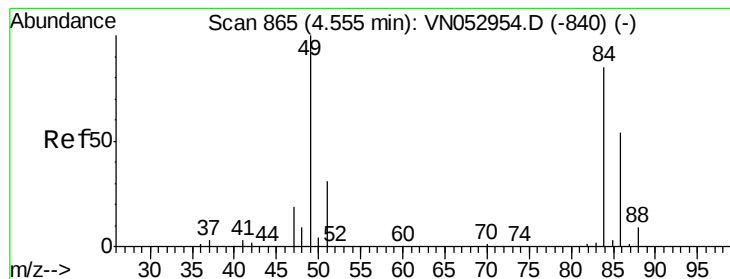
74 23.2 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0





#20

Methylene Chloride

Concen: 0.341 ug/l

RT: 4.55 min Scan# 864

Delta R.T. -0.00 min

Lab File: VN053206.D

Acq: 27 Dec 2018 12:23

Instrument :

MSVOA_N

ClientSampleId :

50082-50083

Tgt Ion: 84 Resp: 4103

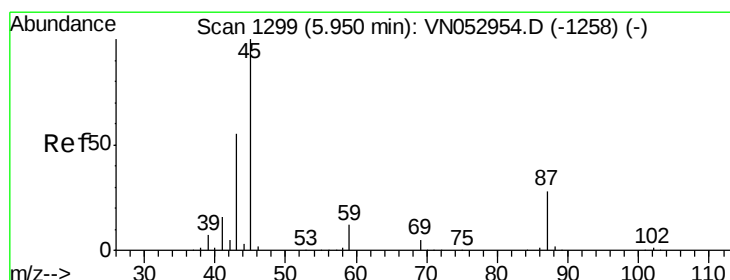
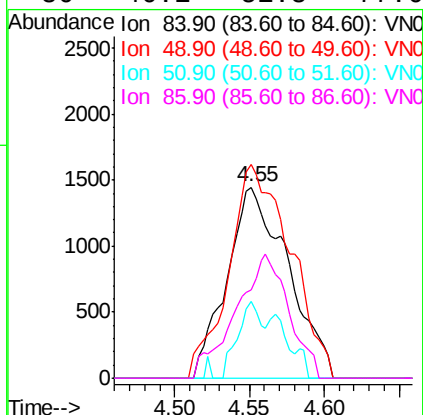
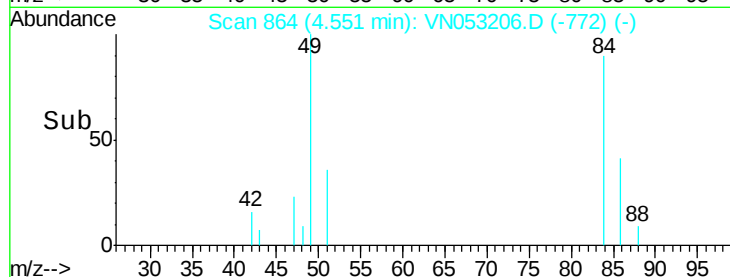
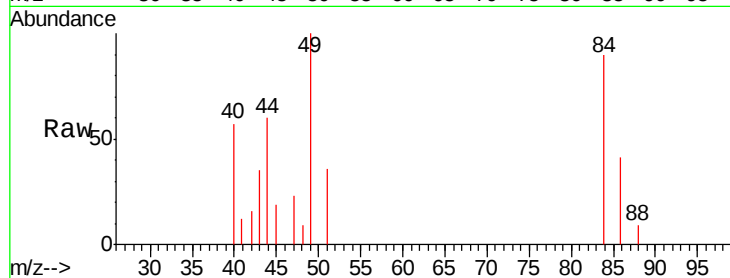
Ion Ratio Lower Upper

84 100

49 111.7 96.8 145.2

51 40.3 29.9 44.9

86 46.1 51.8 77.6#



#22

Diisopropyl ether

Concen: 0.290 ug/l

RT: 6.02 min Scan# 1322

Delta R.T. 0.07 min

Lab File: VN053206.D

Acq: 27 Dec 2018 12:23

Tgt Ion: 45 Resp: 10136

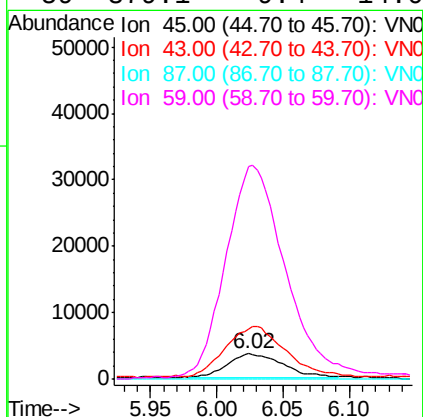
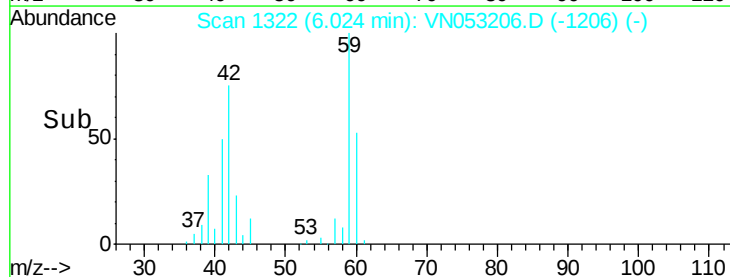
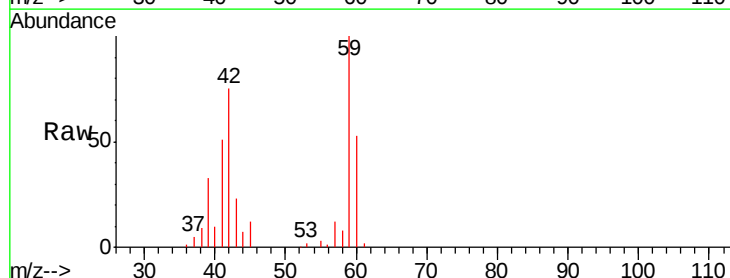
Ion Ratio Lower Upper

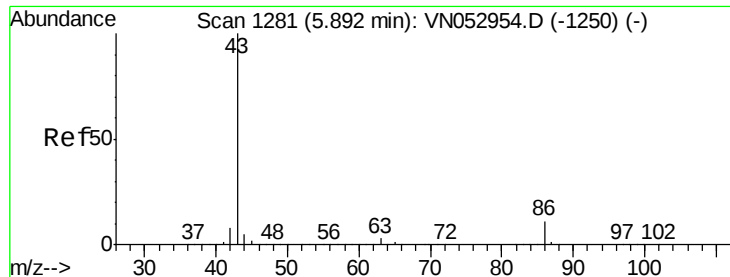
45 100

43 201.0 45.5 68.3#

87 0.0 22.0 33.0#

59 879.1 9.4 14.0#

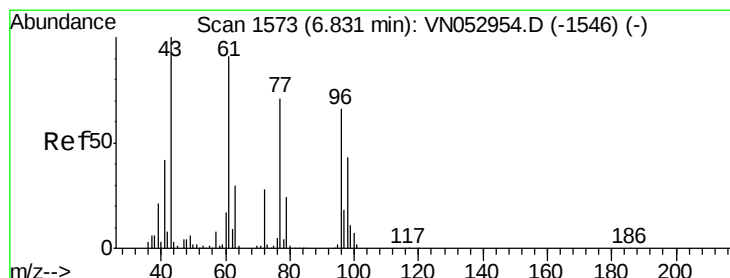
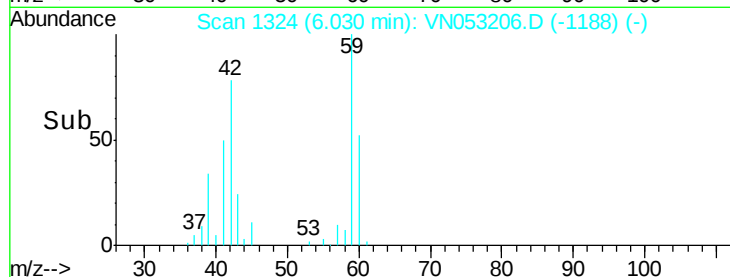
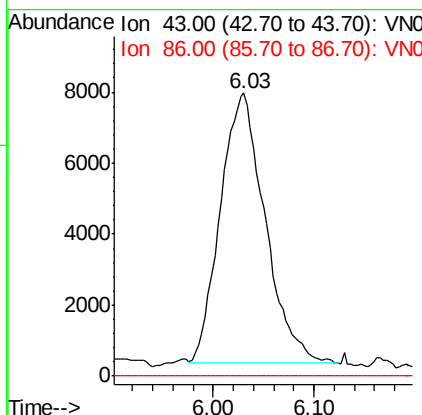
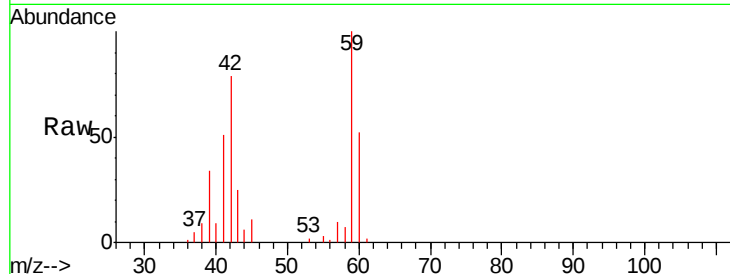




#23
 Vinyl Acetate
 Concen: 1.167 ug/l
 RT: 6.03 min Scan# 1324
 Delta R.T. 0.14 min
 Lab File: VN053206.D
 Acq: 27 Dec 2018 12:23

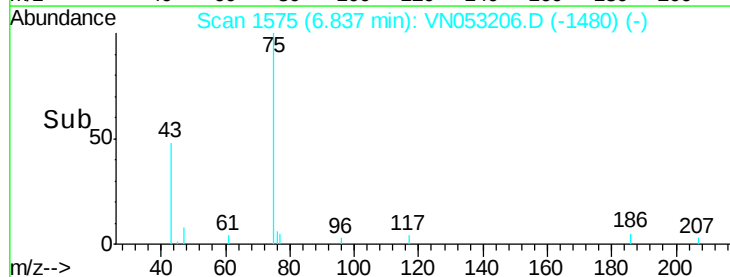
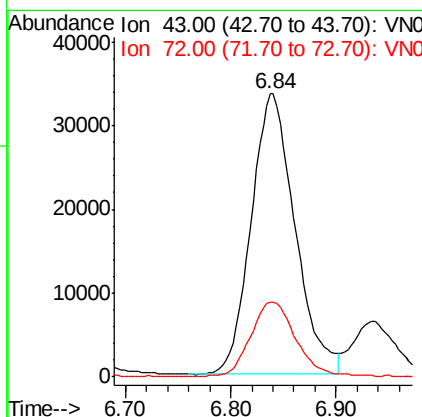
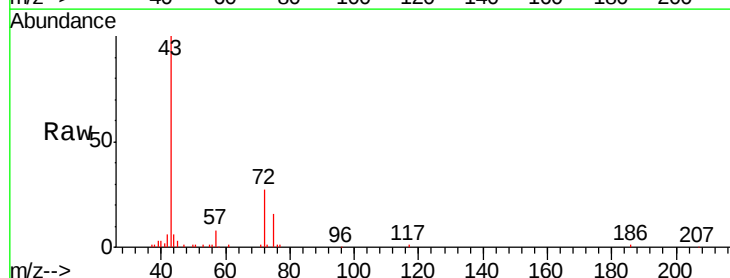
Instrument :
 MSVOA_N
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 50082-50083

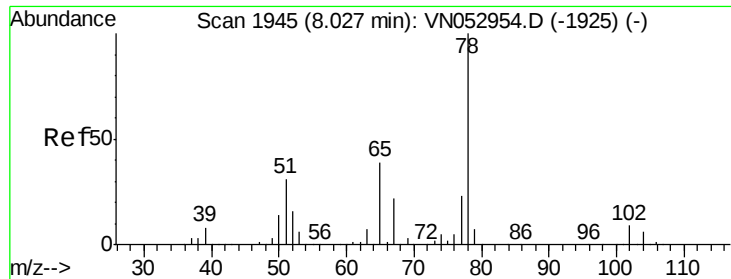
Tgt Ion: 43 Resp: 23460
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.1 12.1#



#25
 2-Butanone
 Concen: 26.191 ug/l
 RT: 6.84 min Scan# 1575
 Delta R.T. 0.01 min
 Lab File: VN053206.D
 Acq: 27 Dec 2018 12:23

Tgt Ion: 43 Resp: 97050
 Ion Ratio Lower Upper
 43 100
 72 26.8 21.0 31.6

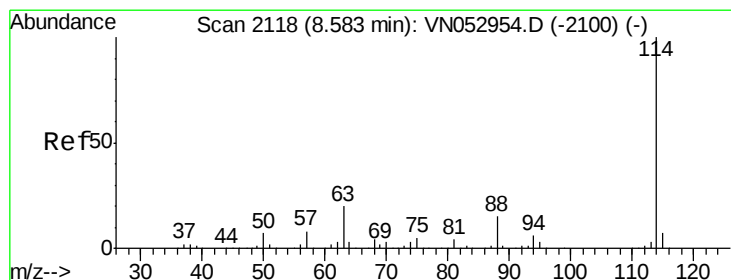
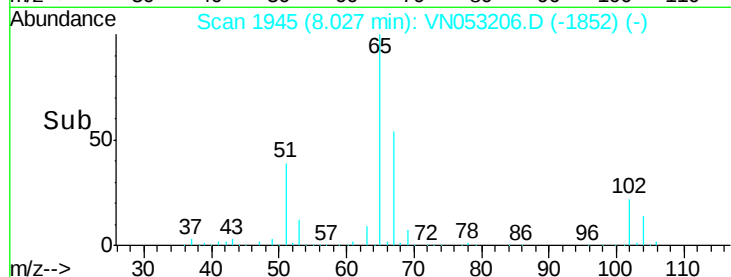
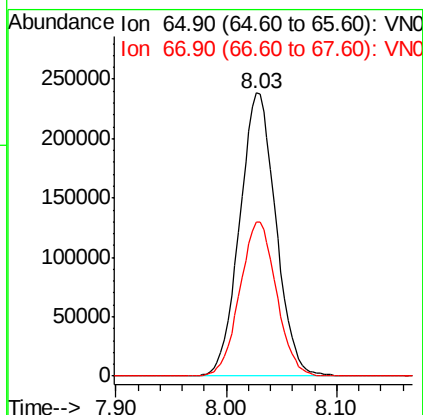
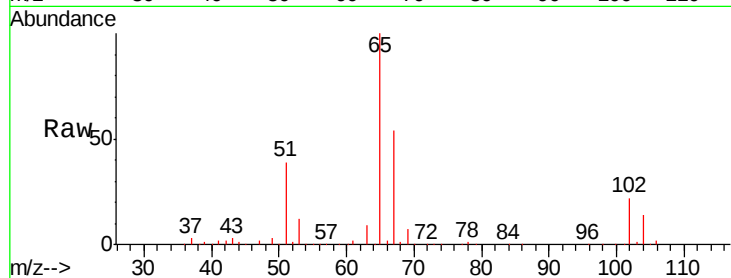




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN053206.D
 Acq: 27 Dec 2018 12:23

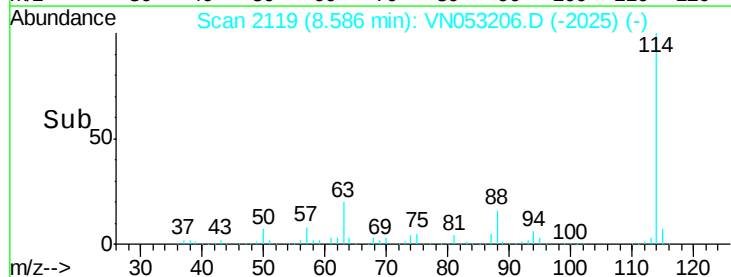
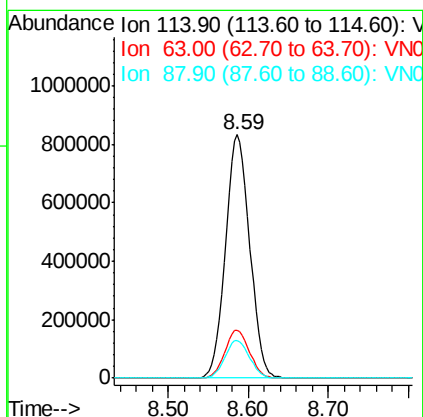
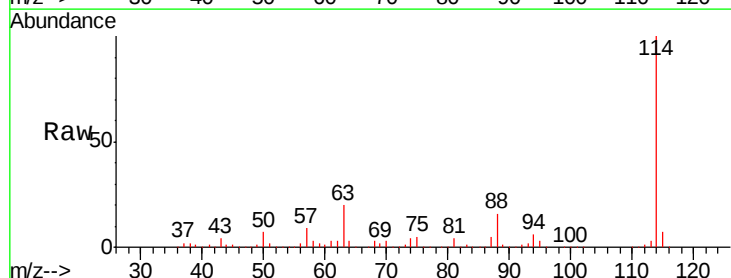
Instrument :
 MSVOA_N
 ClientSampleId :
 50082-50083

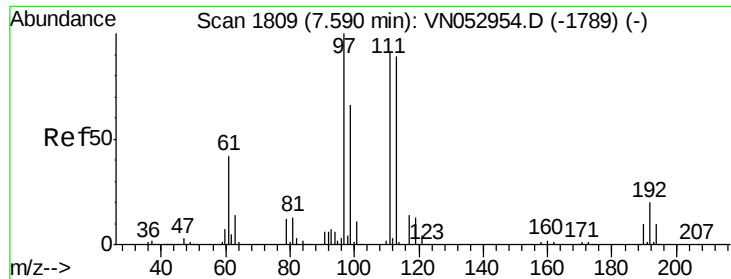
Tgt Ion: 65 Resp: 541298
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053206.D
 Acq: 27 Dec 2018 12:23

Tgt Ion: 114 Resp: 1720518
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.8
 88 15.6 0.0 31.0

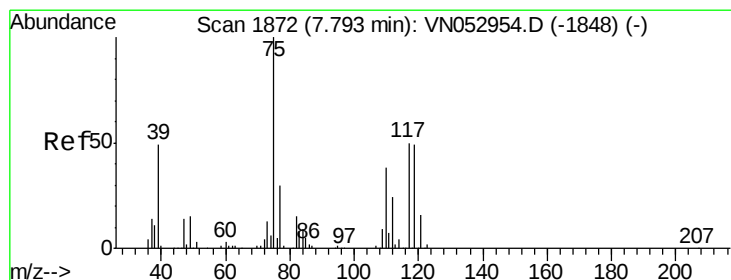
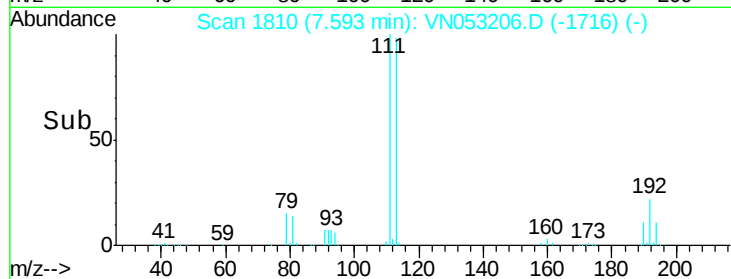
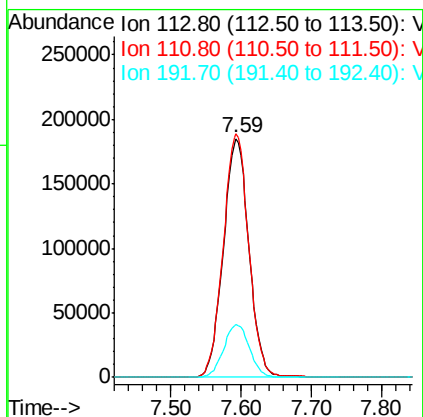
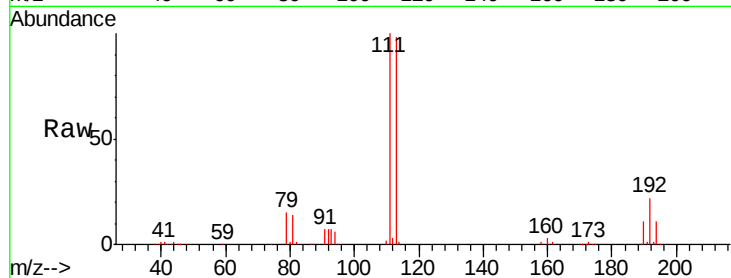




#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN053206.D
Acq: 27 Dec 2018 12:23

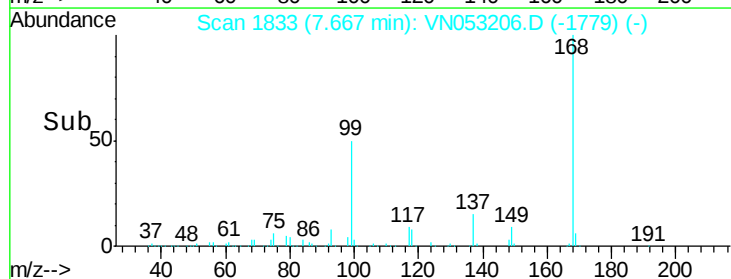
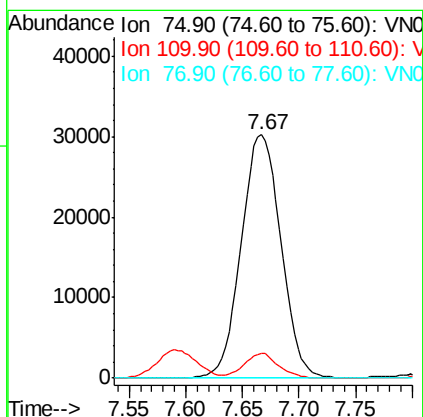
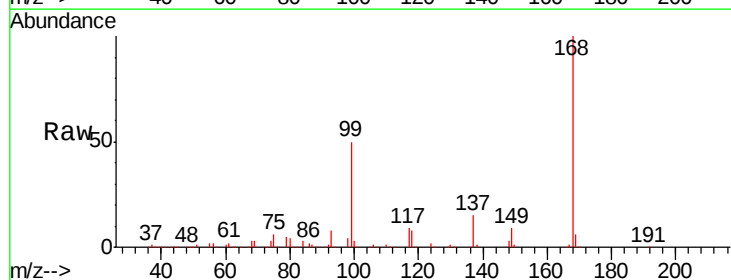
Instrument :
MSVOA_N
ClientSampleId :
50082-50083

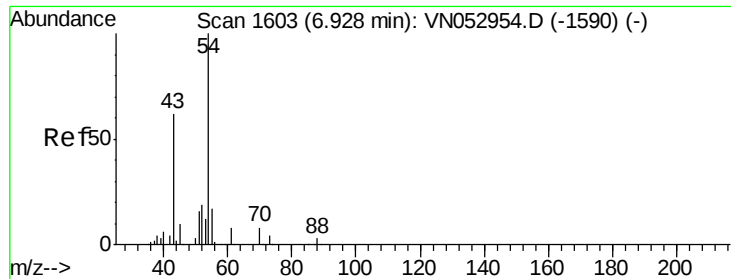
Tgt Ion:113 Resp: 469770
Ion Ratio Lower Upper
113 100
111 101.3 83.0 124.4
192 22.4 17.5 26.3



#36
1,1-Dichloropropene
Concen: 4.471 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.13 min
Lab File: VN053206.D
Acq: 27 Dec 2018 12:23

Tgt Ion: 75 Resp: 73841
Ion Ratio Lower Upper
75 100
110 8.7 18.2 54.6#
77 0.0 24.9 37.3#





#37

Ethyl Acetate

Concen: 1.815 ug/l

RT: 6.93 min Scan# 1605

Delta R.T. 0.01 min

Lab File: VN053206.D

Acq: 27 Dec 2018 12:23

Instrument :

MSVOA_N

ClientSampleId :

50082-50083

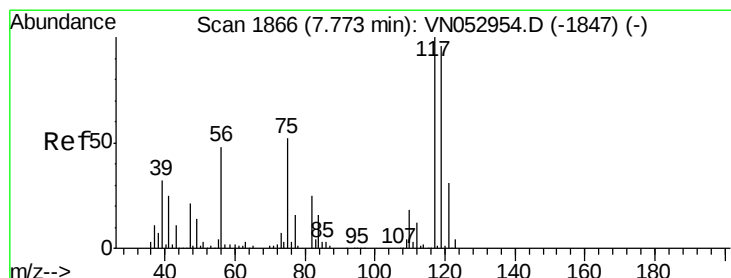
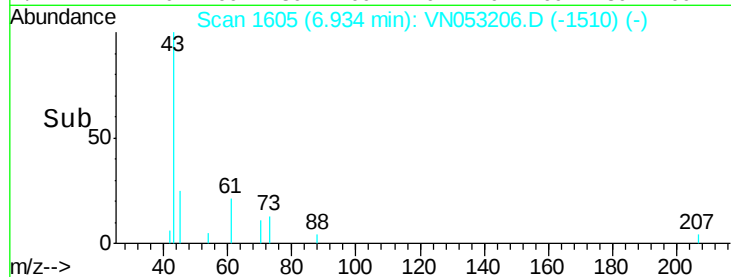
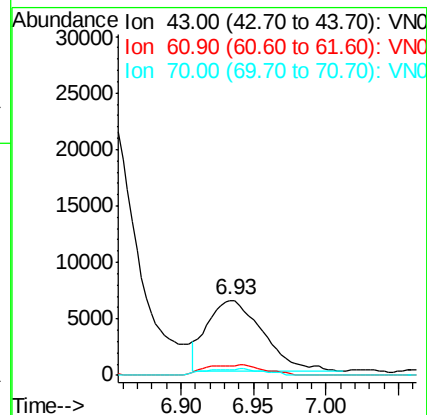
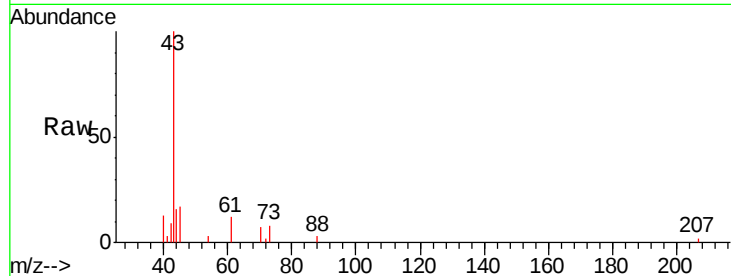
Tgt Ion: 43 Resp: 16730

Ion Ratio Lower Upper

43 100

61 0.0 11.8 17.6#

70 4.7 8.4 12.6#



#38

Carbon Tetrachloride

Concen: 6.396 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN053206.D

Acq: 27 Dec 2018 12:23

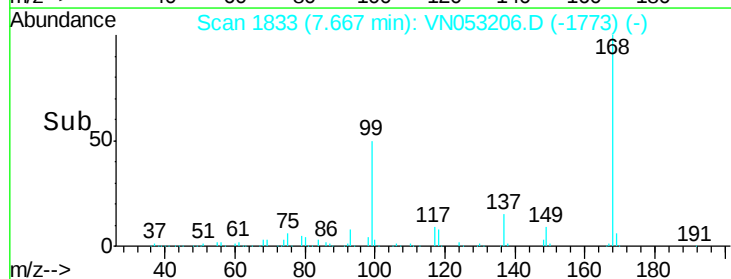
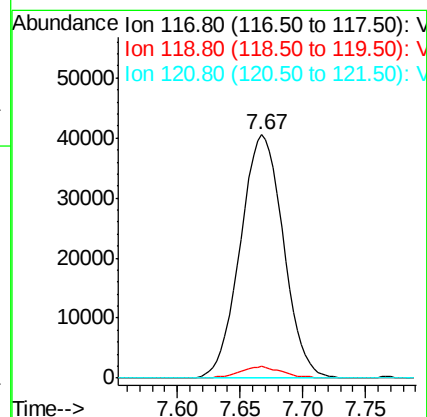
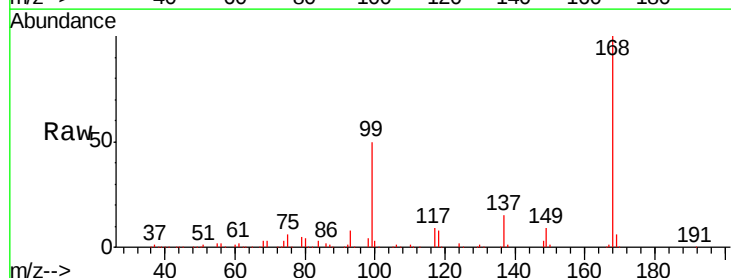
Tgt Ion: 117 Resp: 96809

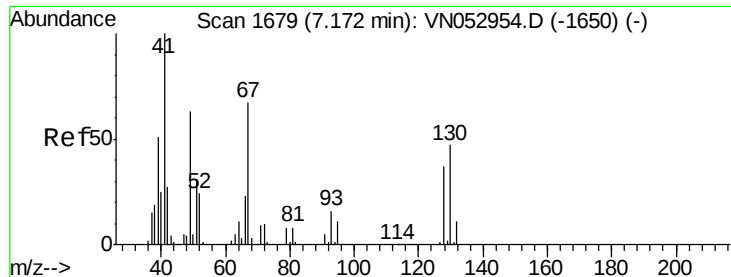
Ion Ratio Lower Upper

117 100

119 4.7 77.1 115.7#

121 0.0 24.9 37.3#

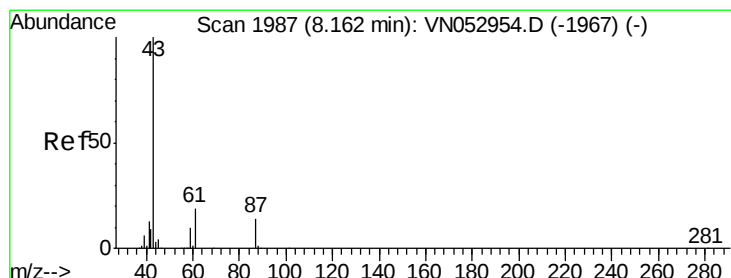
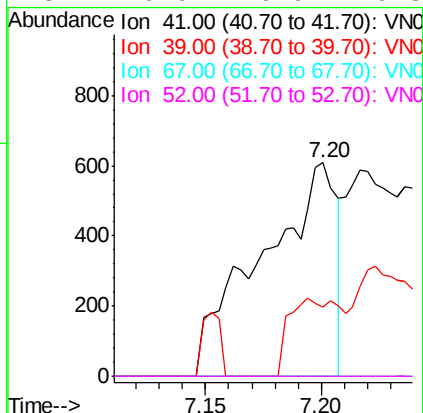
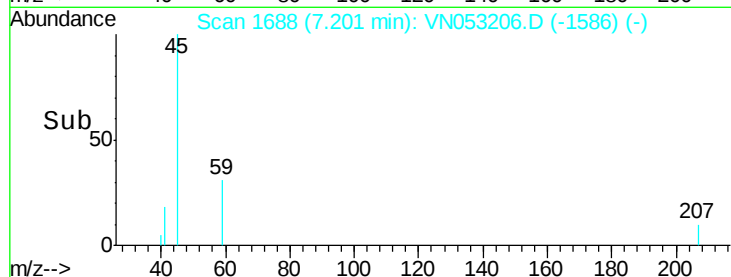
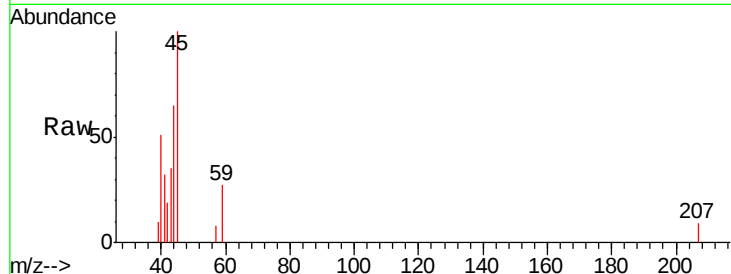




#41
Methacrylonitrile
Concen: 0.255 ug/l
RT: 7.20 min Scan# 1688
Delta R.T. 0.03 min
Lab File: VN053206.D
Acq: 27 Dec 2018 12:23

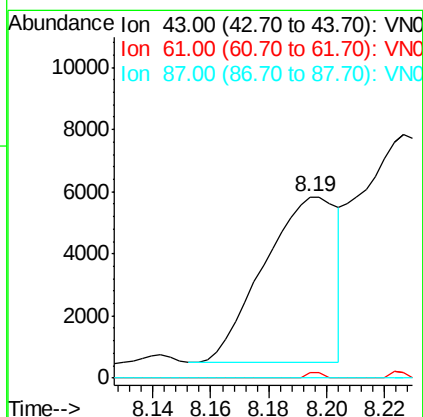
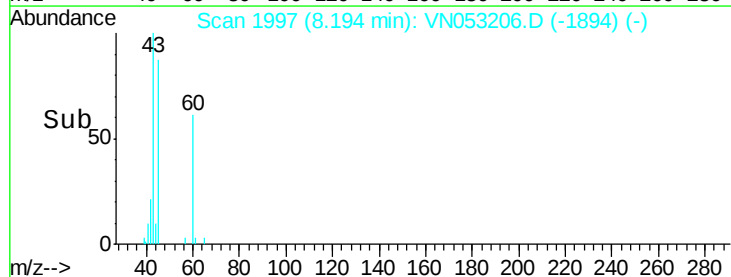
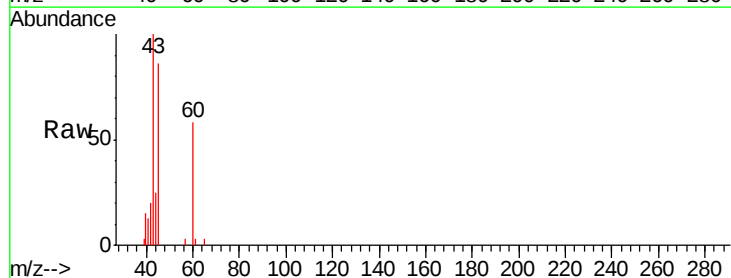
Instrument :
MSVOA_N
ClientSampleId :
50082-50083

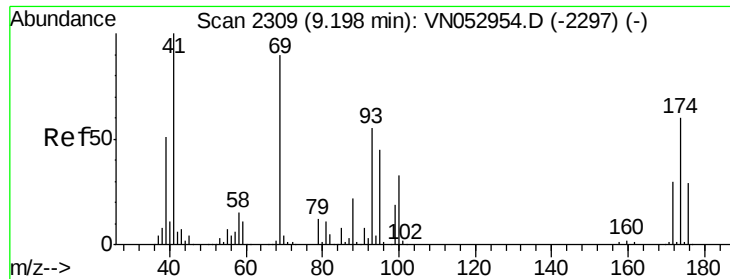
Tgt Ion: 41 Resp: 1358
Ion Ratio Lower Upper
41 100
39 25.3 48.0 72.0#
67 0.0 70.3 105.5#
52 0.0 26.9 40.3#



#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.19 min Scan# 1997
Delta R.T. 0.03 min
Lab File: VN053206.D
Acq: 27 Dec 2018 12:23

Tgt Ion: 43 Resp: 9357
Ion Ratio Lower Upper
43 100
61 0.0 22.9 34.3#
87 0.0 10.6 15.8#

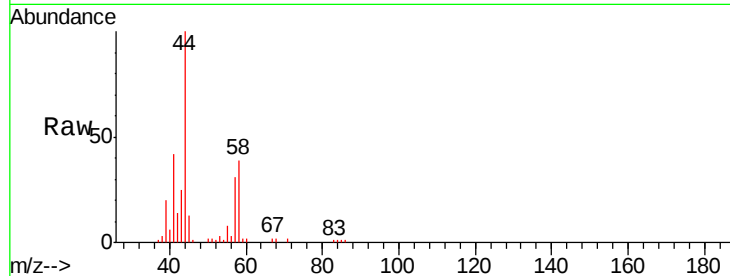




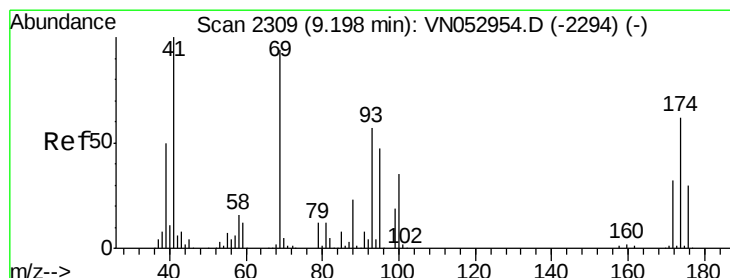
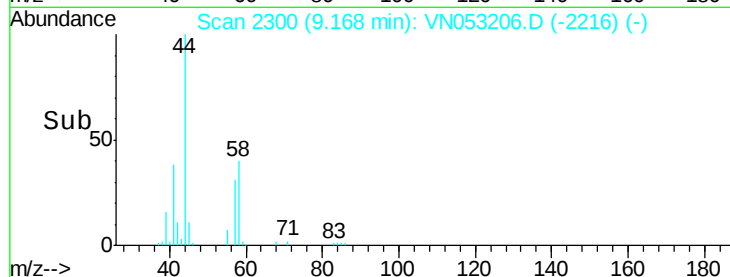
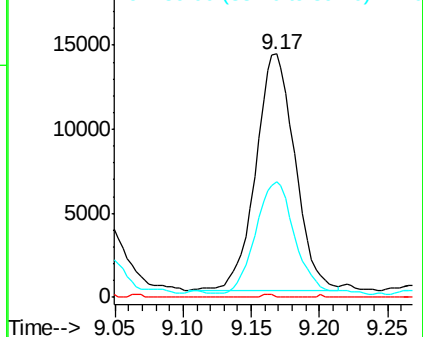
#48
Methyl methacrylate
Concen: 3.135 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. -0.03 min
Lab File: VN053206.D
Acq: 27 Dec 2018 12:23

Instrument :
MSVOA_N
ClientSampleId :
50082-50083

Tgt Ion: 41 Resp: 28045
Ion Ratio Lower Upper
41 100
69 0.3 72.2 108.2#
39 47.7 41.9 62.9

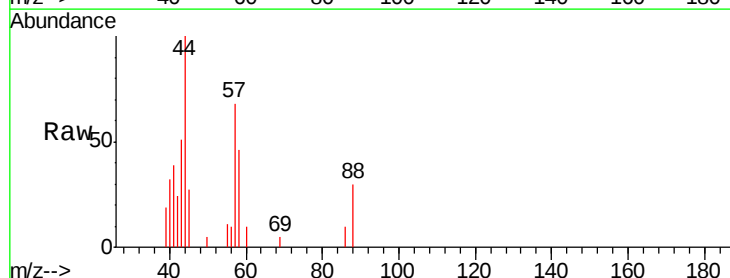


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 39.00 (38.70 to 39.70): VNC

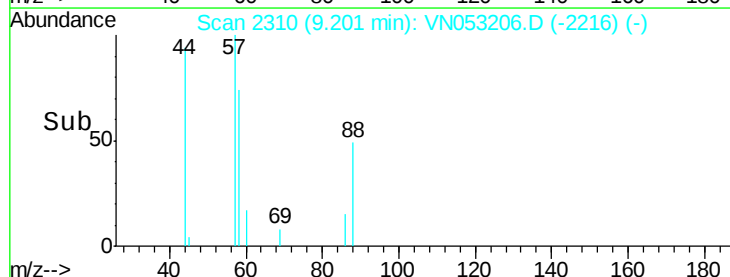
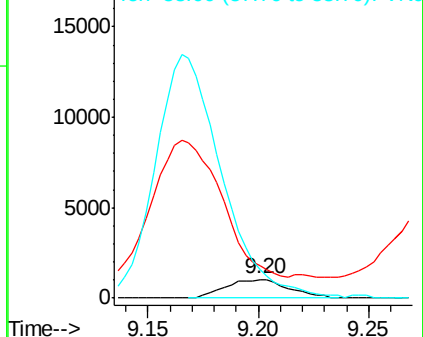


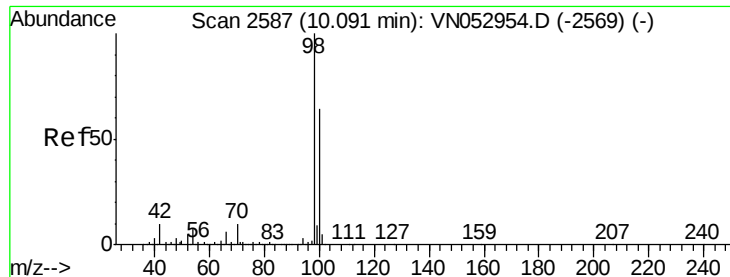
#49
1,4-Dioxane
Concen: 18.178 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN053206.D
Acq: 27 Dec 2018 12:23

Tgt Ion: 88 Resp: 2057
Ion Ratio Lower Upper
88 100
43 0.0 26.6 40.0#
58 0.0 58.4 87.6#



Abundance Ion 88.00 (87.70 to 88.70): VNC
Ion 43.00 (42.70 to 43.70): VNC
Ion 58.00 (57.70 to 58.70): VNC





#50

Toluene-d8

Concen: 18.178 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN053206.D

Acq: 27 Dec 2018 12:23

Instrument :

MSVOA_N

ClientSampleId :

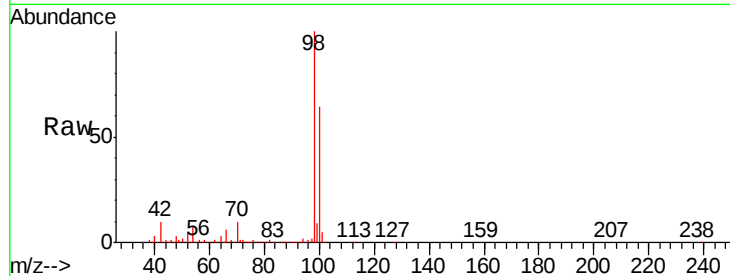
50082-50083

Tgt Ion: 98 Resp: 2090895

Ion Ratio Lower Upper

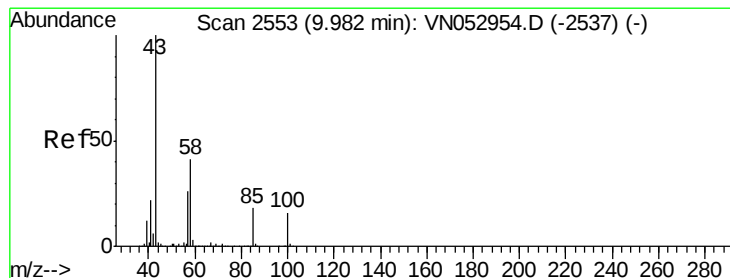
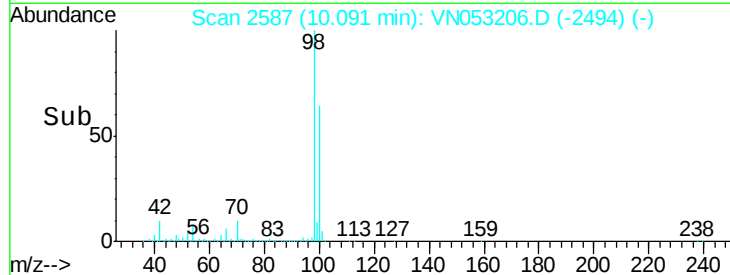
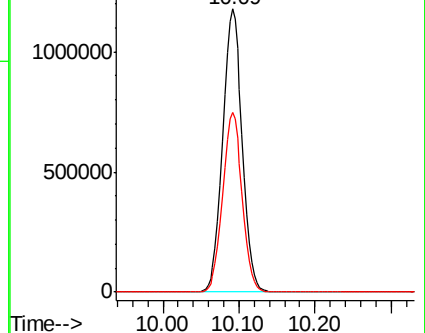
98 100

100 63.6 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN052954.D (-2569) (-)

Ion 100.00 (99.70 to 100.70): VN052954.D (-2569) (-)



#51

4-Methyl-2-Pentanone

Concen: 0.496 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN053206.D

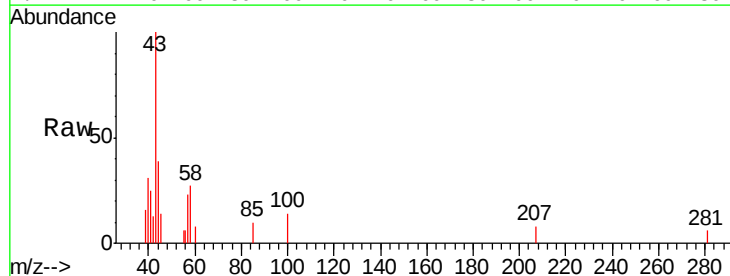
Acq: 27 Dec 2018 12:23

Tgt Ion: 43 Resp: 4424

Ion Ratio Lower Upper

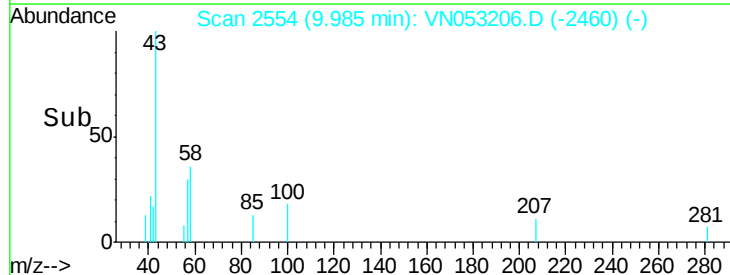
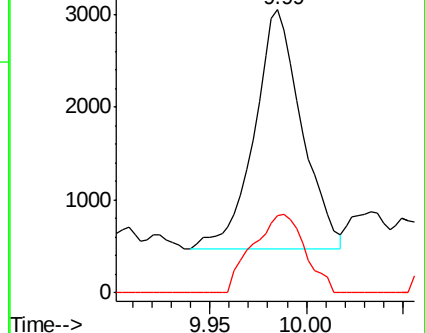
43 100

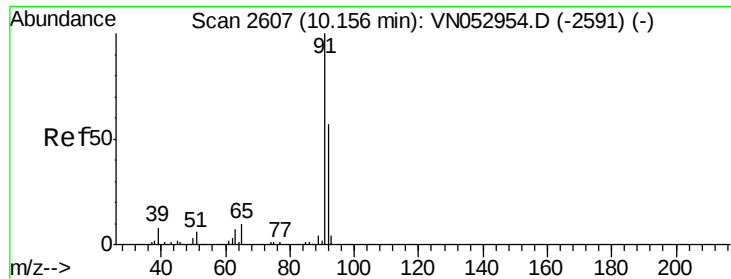
58 35.8 32.2 48.4



Abundance Ion 43.00 (42.70 to 43.70): VN052954.D (-2537) (-)

Ion 58.00 (57.70 to 58.70): VN052954.D (-2537) (-)





#52

Toluene

Concen: 1.274 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN053206.D

Acq: 27 Dec 2018 12:23

Instrument :

MSVOA_N

ClientSampleId :

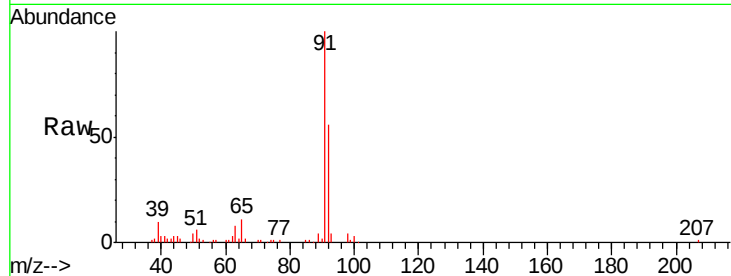
50082-50083

Tgt Ion: 92 Resp: 38795

Ion Ratio Lower Upper

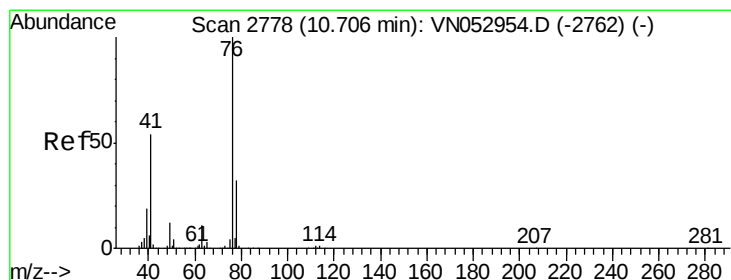
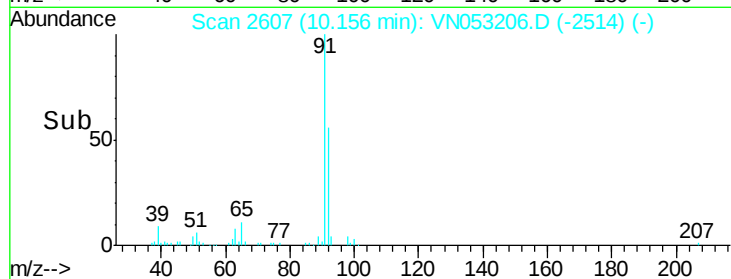
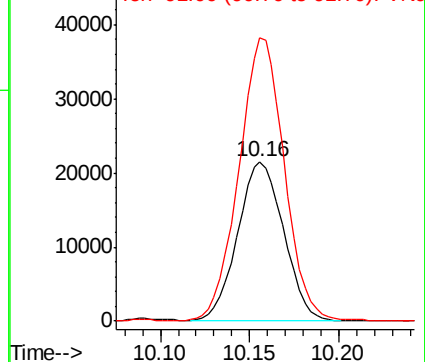
92 100

91 175.8 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#57

1,3-Dichloropropane

Concen: 0.576 ug/l

RT: 10.80 min Scan# 2808

Delta R.T. 0.10 min

Lab File: VN053206.D

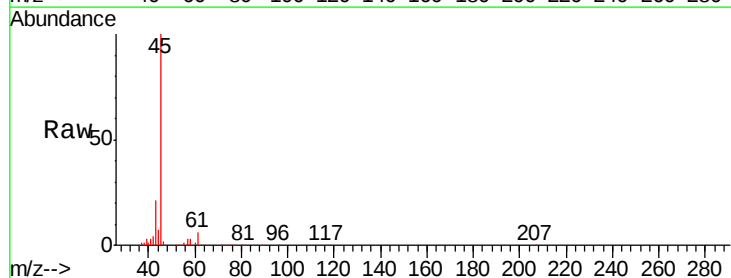
Acq: 27 Dec 2018 12:23

Tgt Ion: 76 Resp: 10485

Ion Ratio Lower Upper

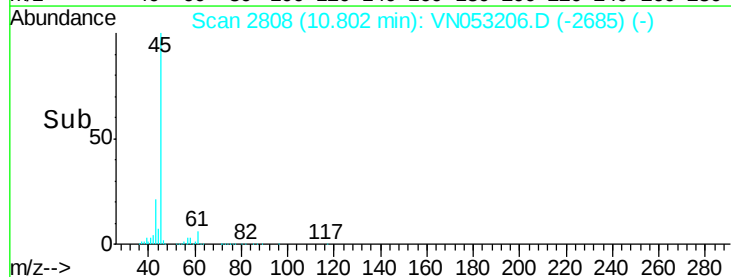
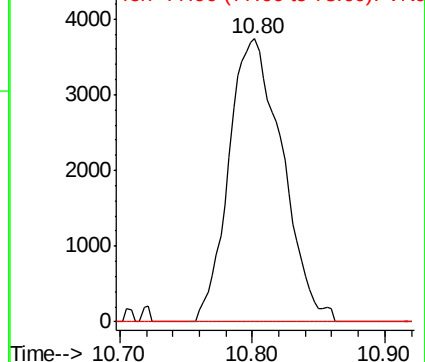
76 100

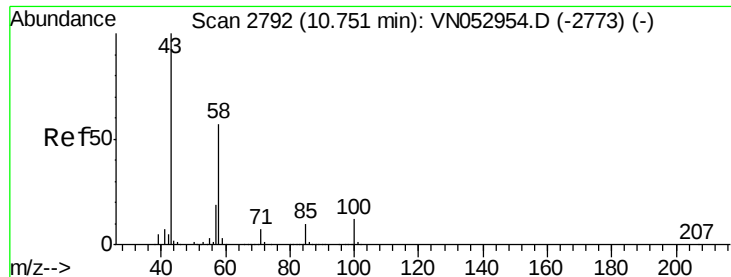
78 0.0 25.8 38.8#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

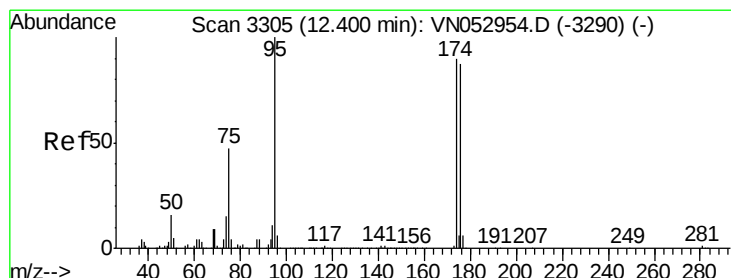
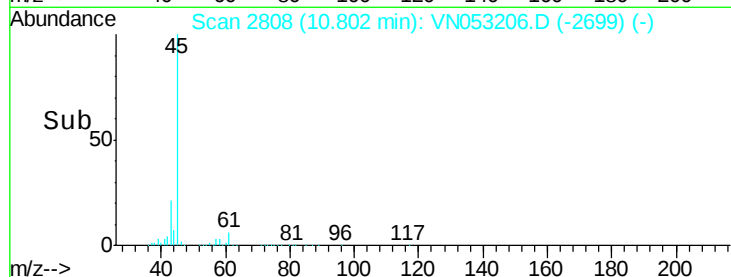
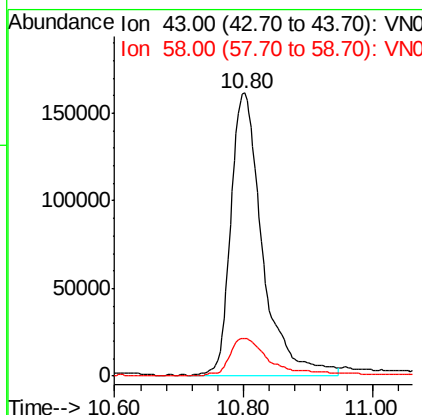
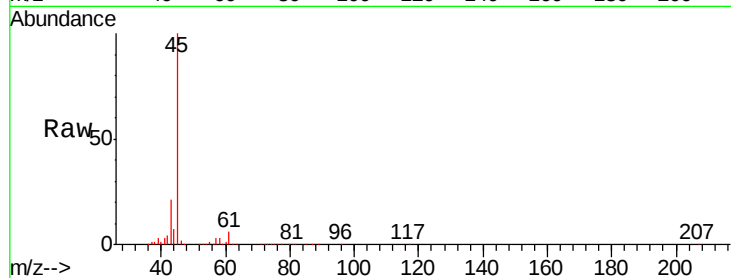




#59
2-Hexanone
Concen: 90.604 ug/l
RT: 10.80 min Scan# 2808
Delta R.T. 0.05 min
Lab File: VN053206.D
Acq: 27 Dec 2018 12:23

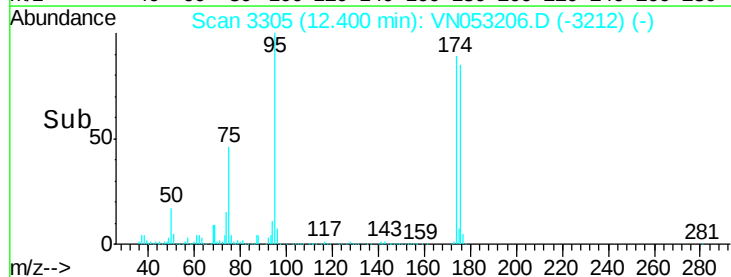
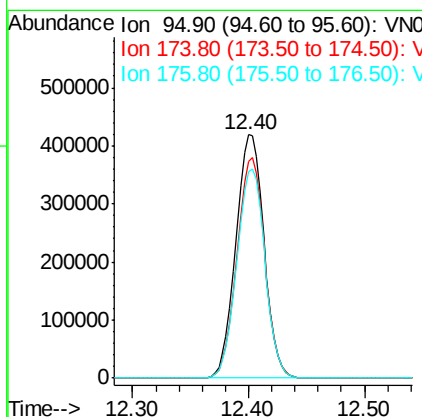
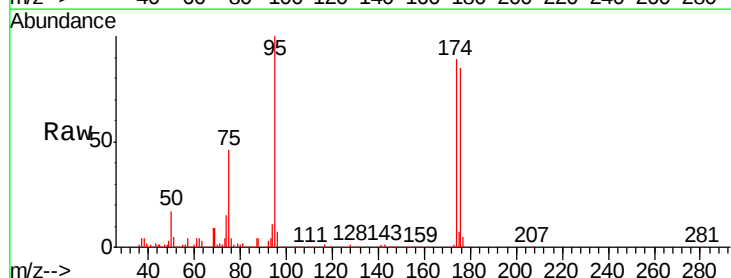
Instrument :
MSVOA_N
ClientSampleId :
50082-50083

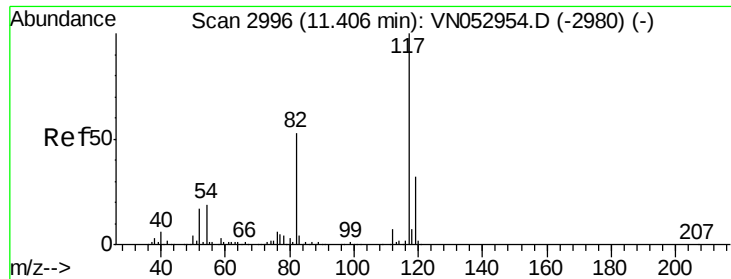
Tgt Ion: 43 Resp: 547282
Ion Ratio Lower Upper
43 100
58 16.6 28.1 84.3#



#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN053206.D
Acq: 27 Dec 2018 12:23

Tgt Ion: 95 Resp: 700695
Ion Ratio Lower Upper
95 100
174 89.7 0.0 178.8
176 86.3 0.0 173.8

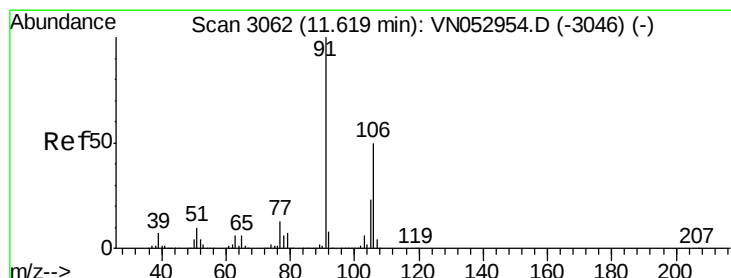
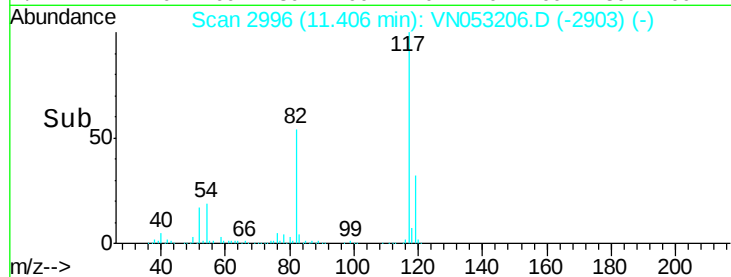
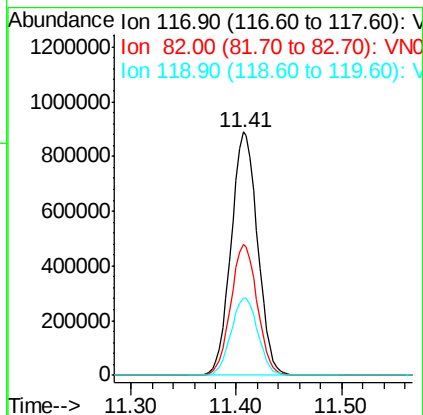
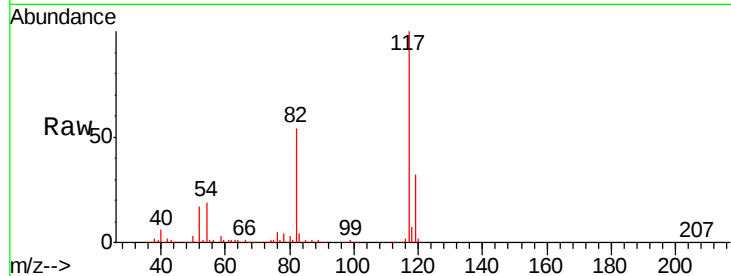




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN053206.D
Acq: 27 Dec 2018 12:23

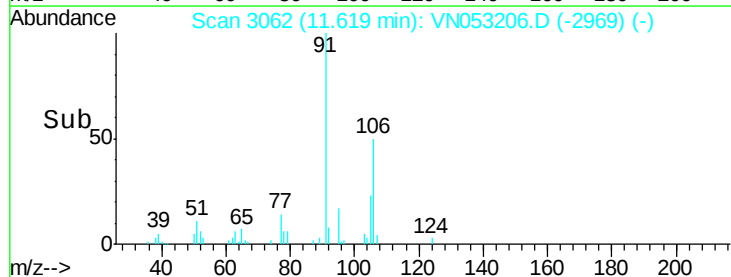
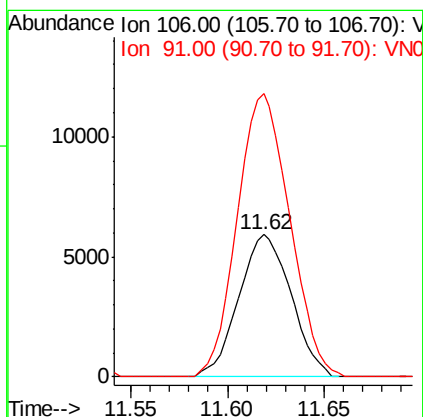
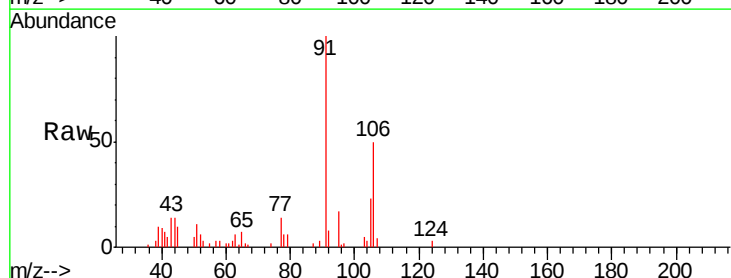
Instrument :
MSVOA_N
ClientSampled :
50082-50083

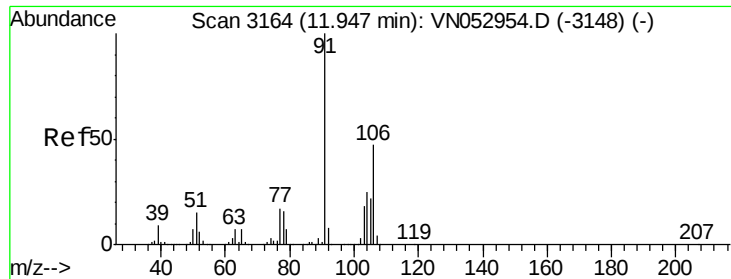
Tgt Ion:117 Resp: 1539220
Ion Ratio Lower Upper
117 100
82 53.8 42.8 64.2
119 31.9 25.5 38.3



#68
m/p-Xylenes
Concen: 0.498 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN053206.D
Acq: 27 Dec 2018 12:23

Tgt Ion:106 Resp: 11119
Ion Ratio Lower Upper
106 100
91 199.6 162.2 243.4

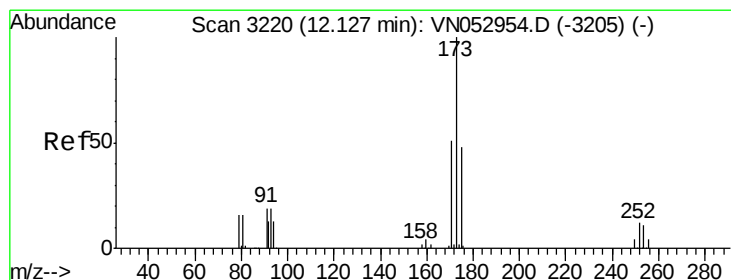
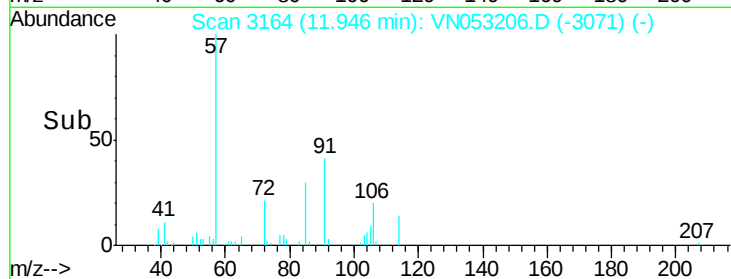
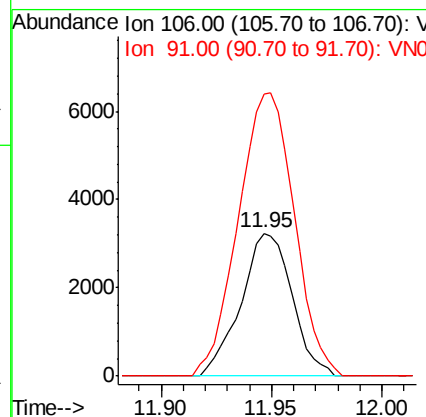
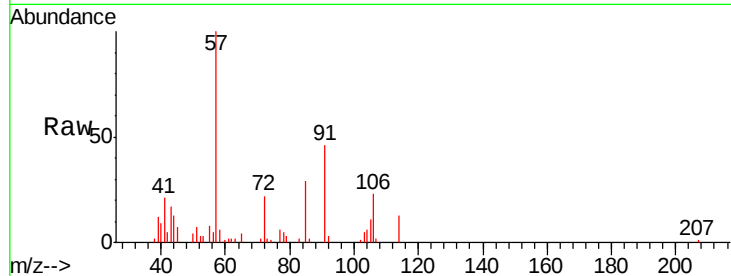




#69
o-Xylene
Concen: 0.243 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN053206.D
Acq: 27 Dec 2018 12:23

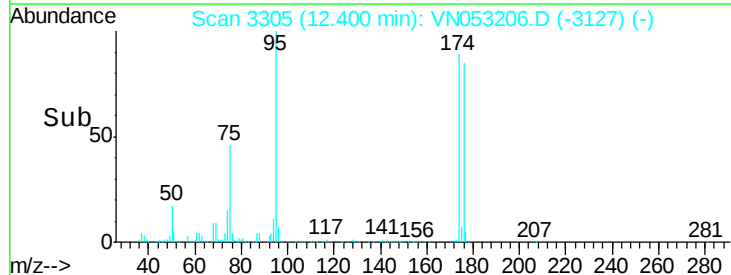
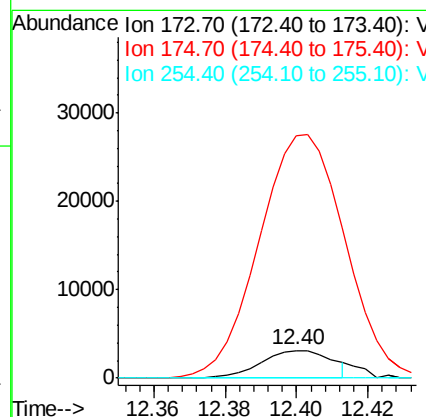
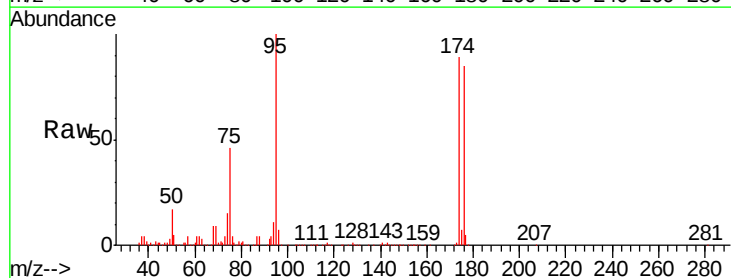
Instrument :
MSVOA_N
ClientSampleId :
50082-50083

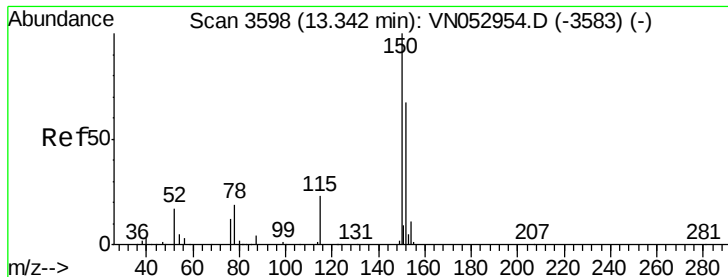
Tgt Ion:106 Resp: 5206
Ion Ratio Lower Upper
106 100
91 216.6 106.6 319.8



#71
Bromoform
Concen: 0.499 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN053206.D
Acq: 27 Dec 2018 12:23

Tgt Ion:173 Resp: 4280
Ion Ratio Lower Upper
173 100
175 946.5 24.3 72.9#
254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053206.D

Acq: 27 Dec 2018 12:23

Instrument :

MSVOA_N

ClientSampleId :

50082-50083

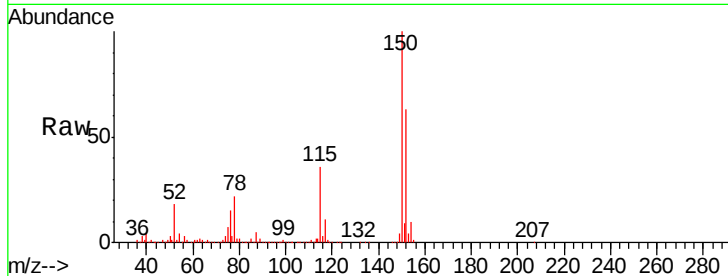
Tgt Ion:152 Resp: 657466

Ion Ratio Lower Upper

152 100

115 56.5 28.3 85.0

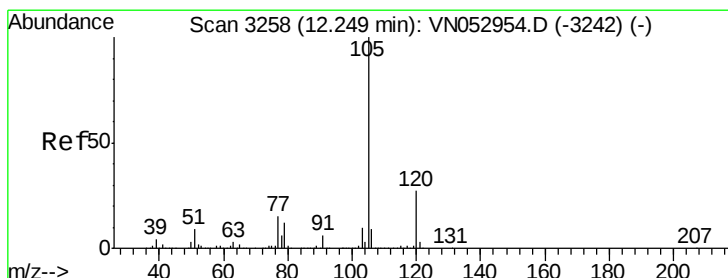
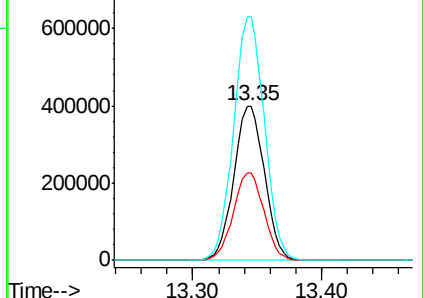
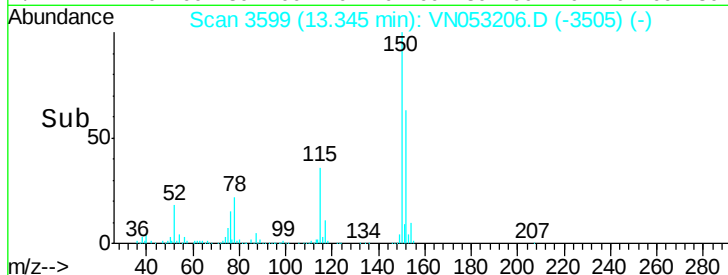
150 158.9 0.0 347.8



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: 0.248 ug/l

RT: 12.25 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN053206.D

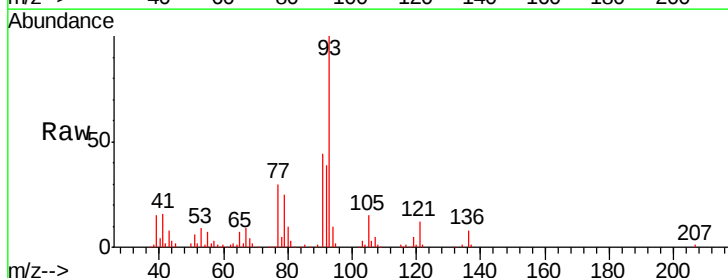
Acq: 27 Dec 2018 12:23

Tgt Ion:105 Resp: 12776

Ion Ratio Lower Upper

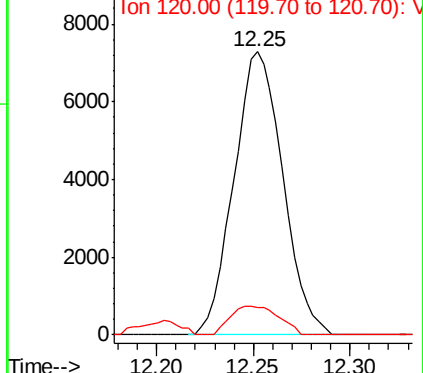
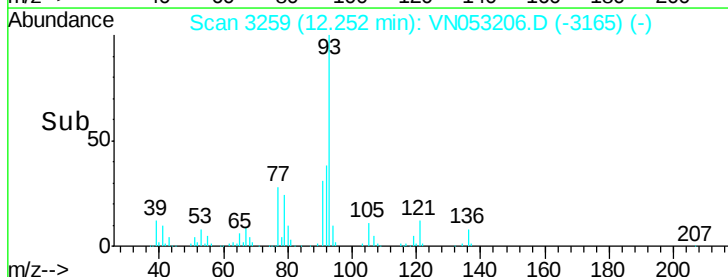
105 100

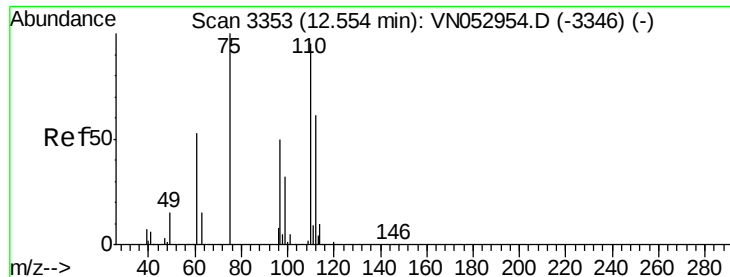
120 10.1 13.3 39.9#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

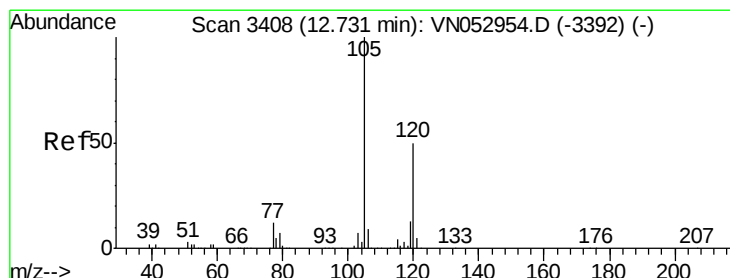
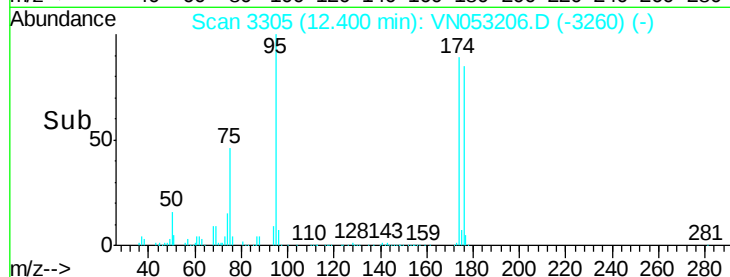
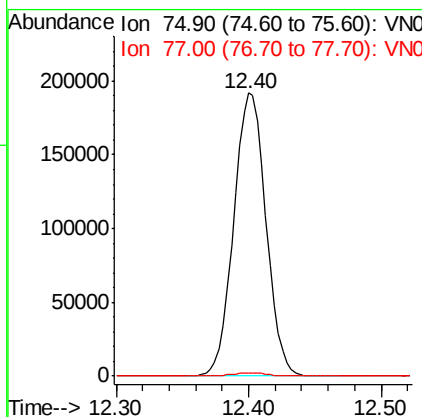
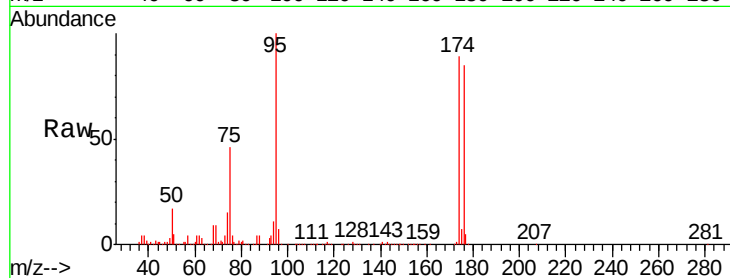




#76
 1,2,3-Trichloropropane
 Concen: 29.143 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.15 min
 Lab File: VN053206.D
 Acq: 27 Dec 2018 12:23

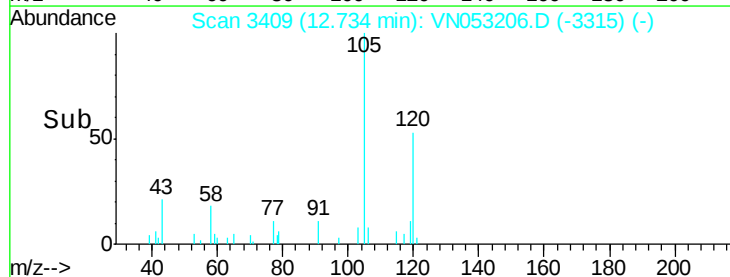
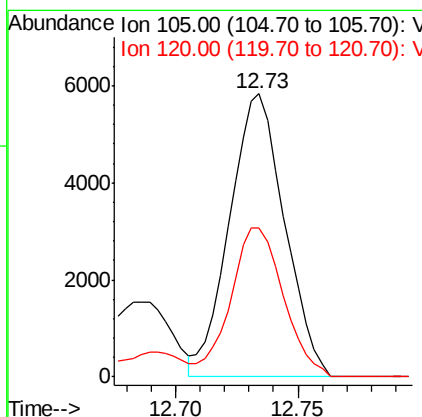
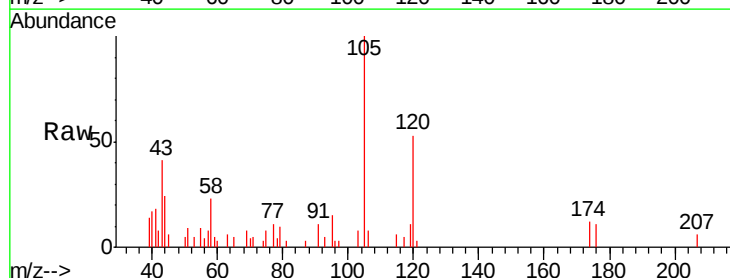
Instrument :
 MSVOA_N
 ClientSampleId :
 50082-50083

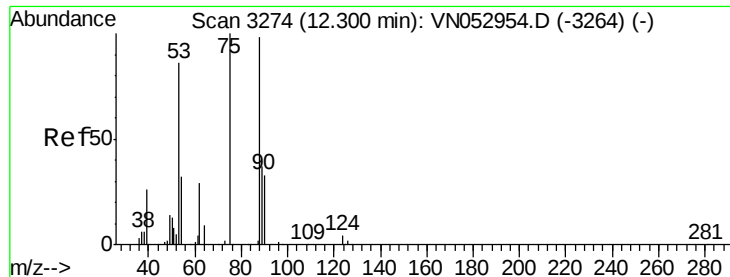
Tgt Ion: 75 Resp: 322545
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#80
 1,3,5-Trimethylbenzene
 Concen: 0.218 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN053206.D
 Acq: 27 Dec 2018 12:23

Tgt Ion: 105 Resp: 9120
 Ion Ratio Lower Upper
 105 100
 120 50.3 24.4 73.2





#81

trans-1,4-Dichloro-2-butene

Concen: 93.931 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN053206.D

Acq: 27 Dec 2018 12:23

Instrument :

MSVOA_N

ClientSampleId :

50082-50083

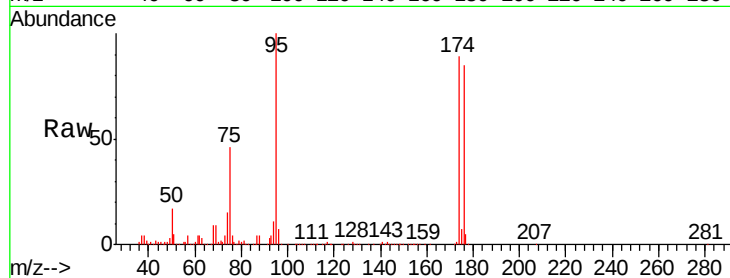
Tgt Ion: 75 Resp: 322545

Ion Ratio Lower Upper

75 100

53 0.2 74.7 112.1#

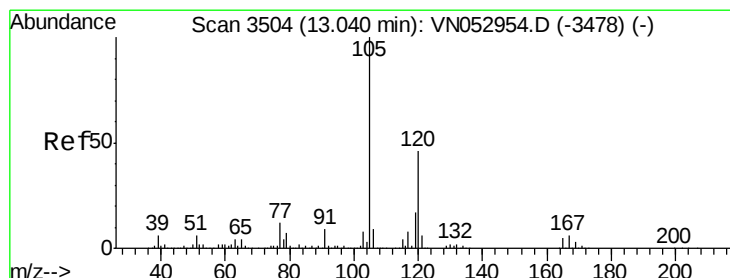
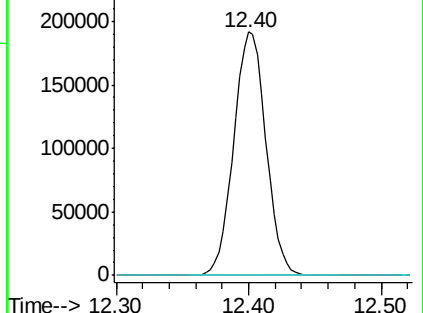
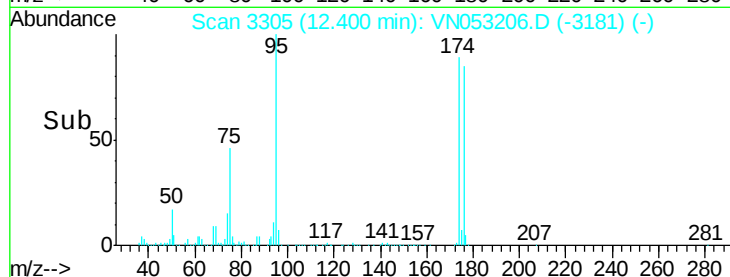
89 0.0 36.1 54.1#



Abundance Ion 74.90 (74.60 to 75.60): VN053206.D (-3181) (-)

Ion 53.00 (52.70 to 53.70): VN053206.D (-3181) (-)

Ion 88.90 (88.60 to 89.60): VN053206.D (-3181) (-)



#84

1,2,4-Trimethylbenzene

Concen: 0.532 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN053206.D

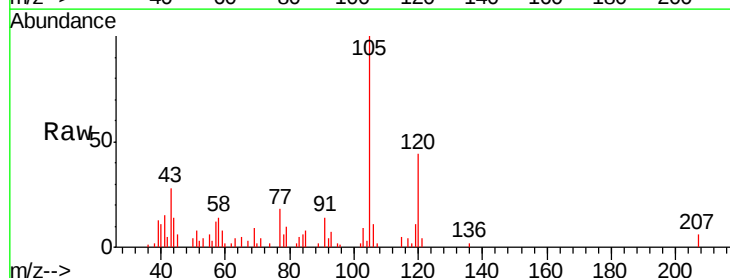
Acq: 27 Dec 2018 12:23

Tgt Ion: 105 Resp: 22417

Ion Ratio Lower Upper

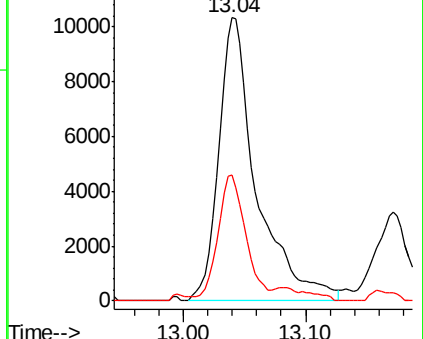
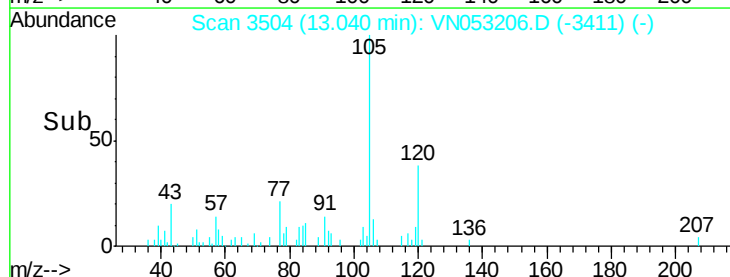
105 100

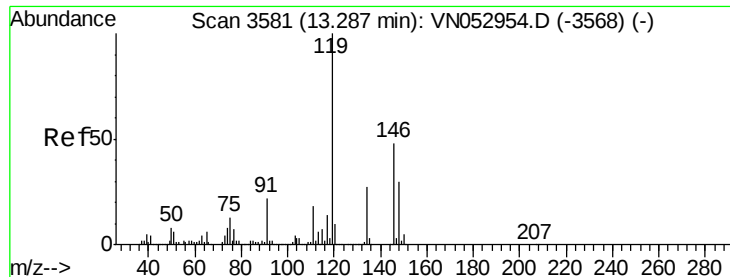
120 30.9 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): VN053206.D (-3411) (-)

Ion 120.00 (119.70 to 120.70): VN053206.D (-3411) (-)

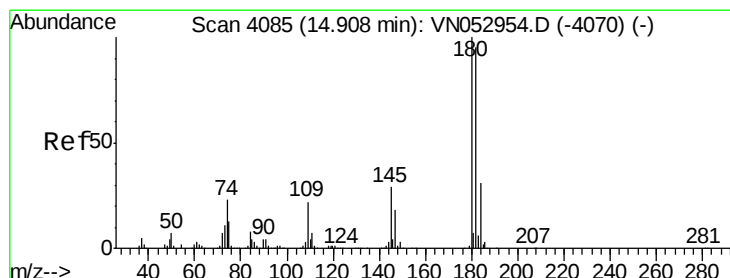
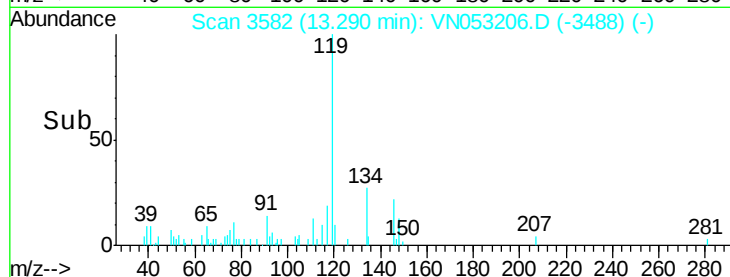
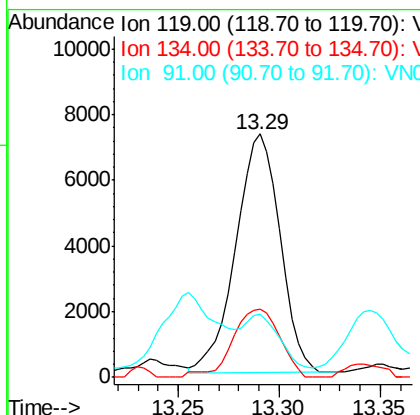
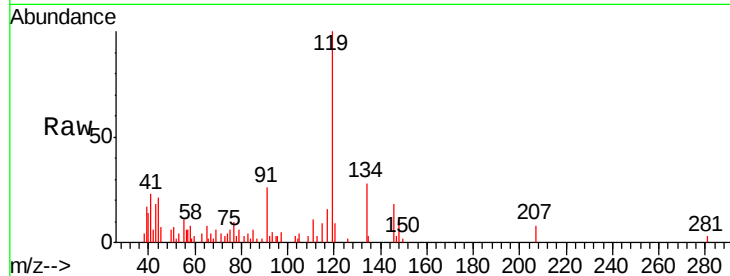




#86
 p-Isopropyltoluene
 Concen: 0.258 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN053206.D
 Acq: 27 Dec 2018 12:23

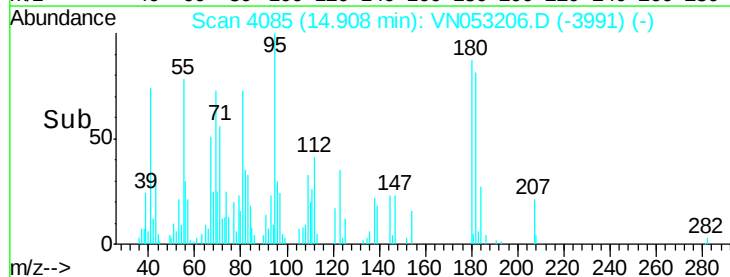
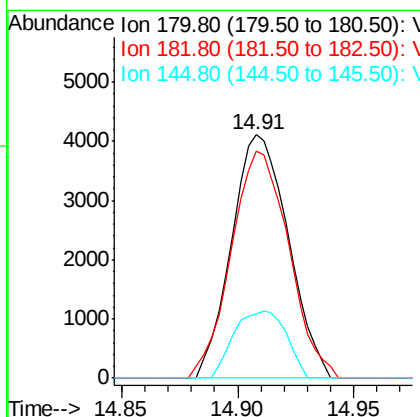
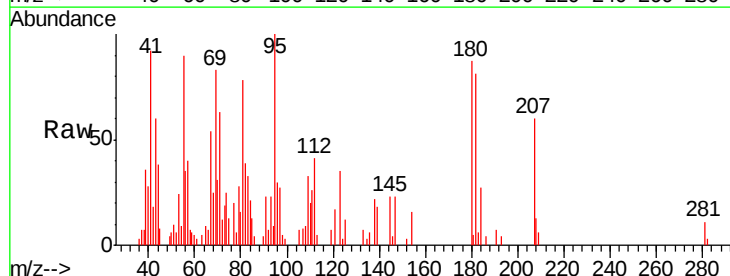
Instrument :
 MSVOA_N
 ClientSampleId :
 50082-50083

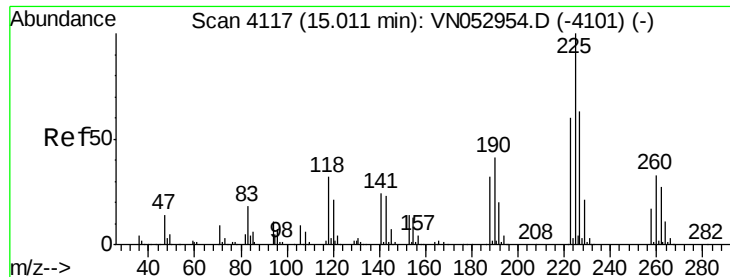
Tgt Ion:119 Resp: 11183
 Ion Ratio Lower Upper
 119 100
 134 30.7 13.4 40.2
 91 16.4 11.1 33.3



#93
 1,2,4-Trichlorobenzene
 Concen: 1.181 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN053206.D
 Acq: 27 Dec 2018 12:23

Tgt Ion:180 Resp: 6985
 Ion Ratio Lower Upper
 180 100
 182 94.5 47.8 143.3
 145 25.5 14.2 42.6





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.01 min Scan# 4117

Delta R.T. 0.00 min

Lab File: VN053206.D

Acq: 27 Dec 2018 12:23

Instrument :

MSVOA_N

ClientSampled :

50082-50083

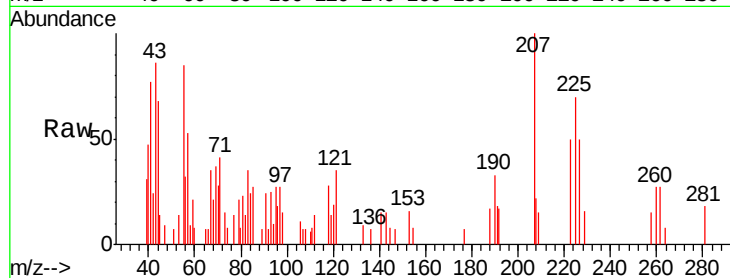
Tgt Ion:225 Resp: 2730

Ion Ratio Lower Upper

225 100

223 71.8 31.5 94.5

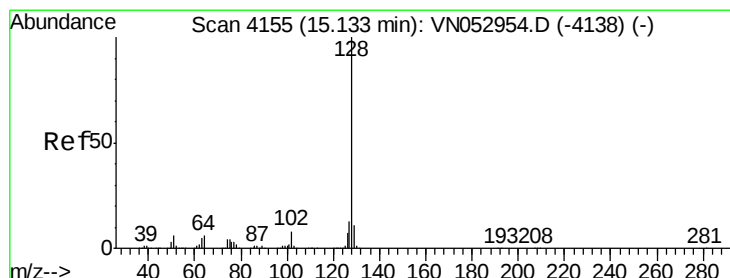
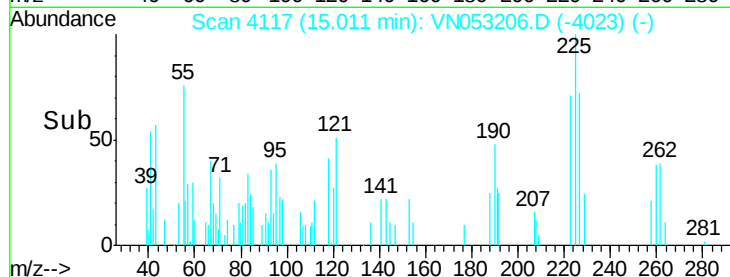
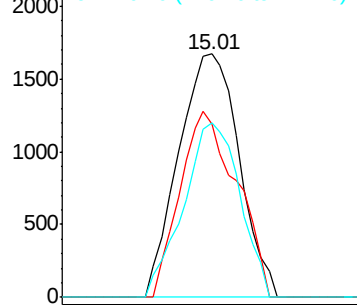
227 66.6 31.9 95.7



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 2.652 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN053206.D

Acq: 27 Dec 2018 12:23

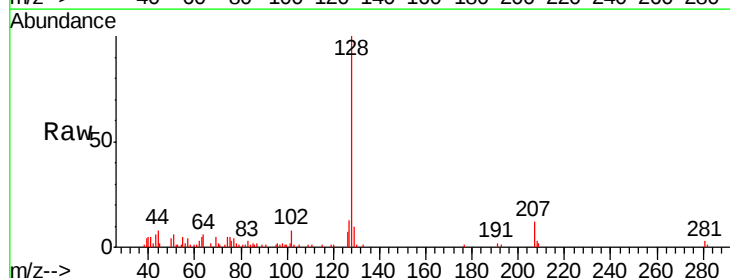
Tgt Ion:128 Resp: 39817

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

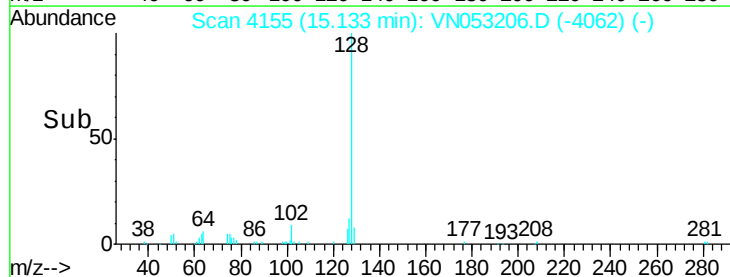
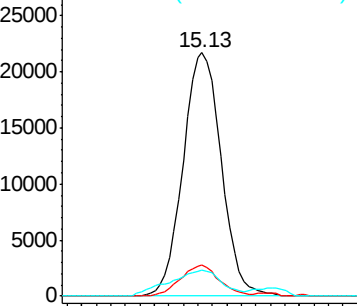
129 14.6 8.6 13.0#

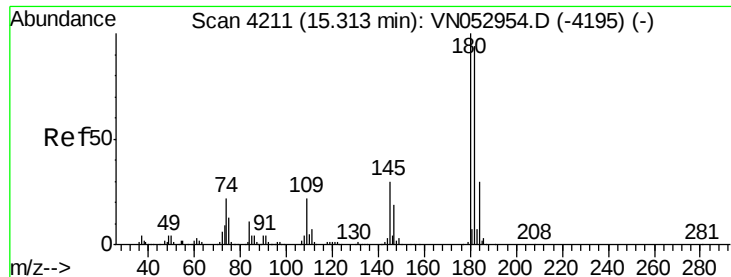


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 1.228 ug/l
 RT: 15.31 min Scan# 4211
 Delta R.T. -0.00 min
 Lab File: VN053206.D
 Acq: 27 Dec 2018 12:23

Instrument :
 MSVOA_N
 ClientSampleId :
 50082-50083

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	47.9	143.7
145	31.1	15.0	45.0

