

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101018\
 Data File : VN051789.D
 Acq On : 10 Oct 2018 14:30
 Operator : MD\SY
 Sample : J5165-20 10X
 Misc : 5.25µ/5mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 14 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-C(8-12)

Quant Time: Oct 11 01:57:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 09 06:03:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	831817	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1185664	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1131771	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	788151	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	469956	42.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.54%	
35) Dibromofluoromethane	7.59	113	440426	48.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.10%	
50) Toluene-d8	10.09	98	1729454	50.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.14%	
62) 4-Bromofluorobenzene	12.40	95	1091333	90.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	180.30%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.85	85	294	1.177	ug/l #	42
7) Trichlorofluoromethane	2.97	101	29	Below Cal	#	35
11) Tert butyl alcohol	4.75	59	381	0.510	ug/l #	73
13) Acrolein	3.62	56	171	Below Cal	#	36
16) Acetone	3.82	43	385	Below Cal	#	44
20) Methylene Chloride	4.55	84	4471	0.495	ug/l #	76
25) 2-Butanone	6.83	43	933	0.294	ug/l #	44
31) Cyclohexane	7.67	56	25948	1.739	ug/l #	65
36) 1,1-Dichloropropene	7.67	75	53942	4.353	ug/l #	49
38) Carbon Tetrachloride	7.67	117	76075	5.116	ug/l #	16
39) Methylcyclohexane	9.08	83	114941	7.388	ug/l	98
41) Methacrylonitrile	7.16	41	234	Below Cal	#	13
48) Methyl methacrylate	9.14	41	3338	0.542	ug/l #	34
51) 4-Methyl-2-Pentanone	10.09	43	21262	3.114	ug/l #	75
55) 1,1,2-Trichloroethane	10.53	97	85317	9.801	ug/l #	20
56) Ethyl methacrylate	10.44	69	34747	3.157	ug/l #	1
59) 2-Hexanone	10.72	43	231669	49.954	ug/l #	27
68) m/p-Xylenes	11.63	106	5685	0.293	ug/l #	1
71) Bromoform	12.40	173	5206	0.624	ug/l #	1
73) Isopropylbenzene	12.25	105	2377535	35.388	ug/l	100
74) N-amyl acetate	12.05	43	2945901	223.546	ug/l #	56
75) 1,1,2,2-Tetrachloroethane	12.47	83	344267	24.451	ug/l #	25
76) 1,2,3-Trichloropropane	12.59	75	43300	0.346	ug/l #	100
77) Bromobenzene	12.50	156	4690	0.285	ug/l #	1
78) n-propylbenzene	12.59	91	7535030	102.826	ug/l	98
79) 2-Chlorotoluene	12.59	91	7535030	174.471	ug/l #	38
80) 1,3,5-Trimethylbenzene	12.73	105	69774	1.232	ug/l #	28
81) trans-1,4-Dichloro-2-buten	12.25	75	23152	5.400	ug/l #	3
82) 4-Chlorotoluene	12.59	91	7535030	173.677	ug/l #	39
83) tert-Butylbenzene	12.99	119	424016	8.358	ug/l	94
84) 1,2,4-Trimethylbenzene	13.04	105	404097	7.125	ug/l	97
85) sec-Butylbenzene	13.17	105	3513928	52.361	ug/l #	64
86) p-Isopropyltoluene	13.44	119	883420	14.849	ug/l	94
89) n-Butylbenzene	13.61	91	2109577	44.847	ug/l #	87

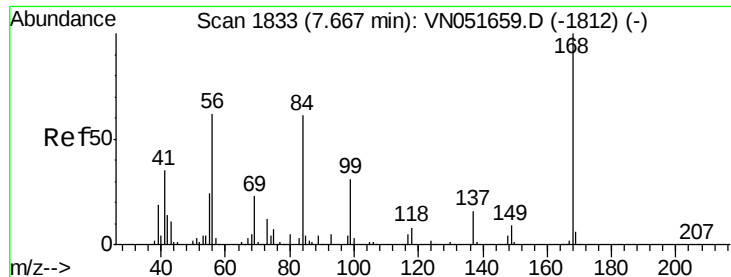
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101018\
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100418W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 09 06:03:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	13.89	117	426448	35.927	ug/l #	7
92) 1,2-Dibromo-3-Chloropropan	14.29	75	3034	1.286	ug/l #	1

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN051789.D

Acq: 10 Oct 2018 14:30

Instrument :

MSVOA_N

ClientSampleId :

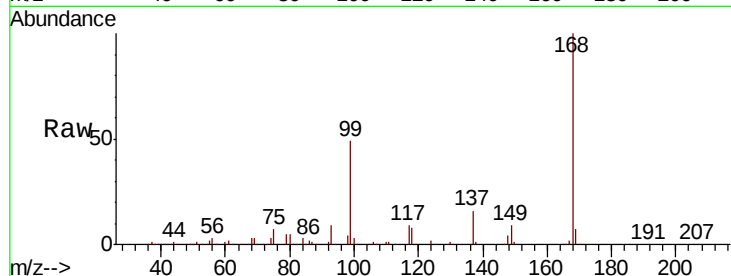
EP1-MW-C(8-12)

Tot Ion:168 Resp: 831817

Ion Ratio Lower Upper

168 100

99 49.2 40.4 60.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

400000

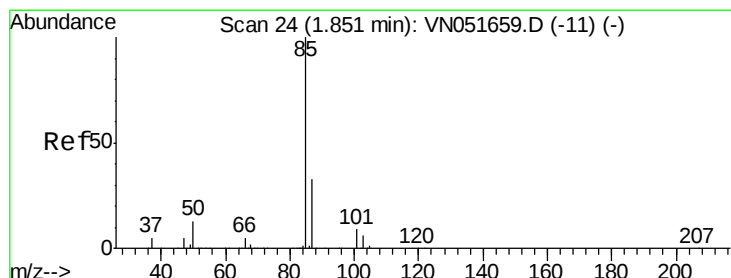
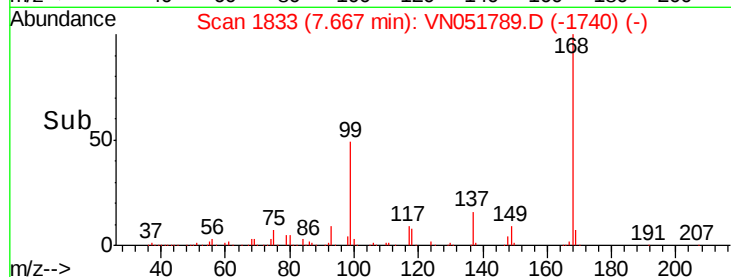
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 1.177 ug/l

RT: 1.85 min Scan# 23

Delta R.T. -0.00 min

Lab File: VN051789.D

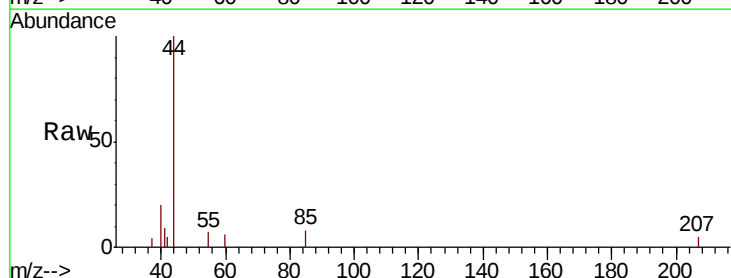
Acq: 10 Oct 2018 14:30

Tgt Ion: 85 Resp: 294

Ion Ratio Lower Upper

85 100

87 0.0 16.4 49.4#



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

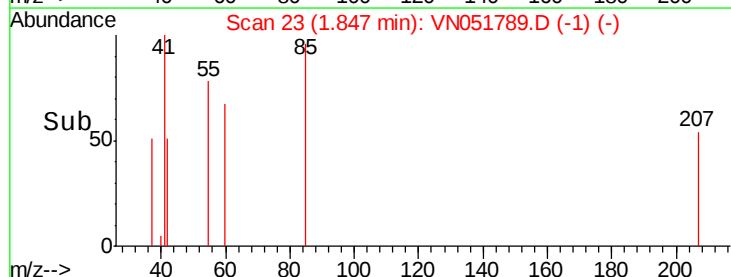
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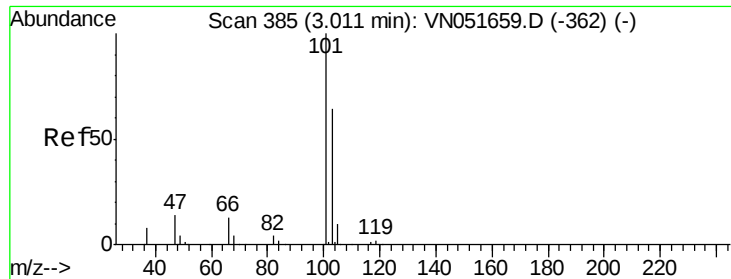
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100

0

Time-->



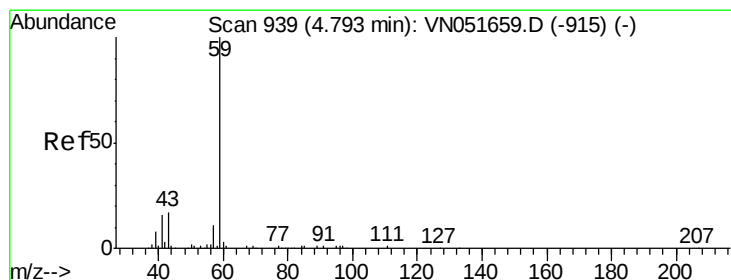
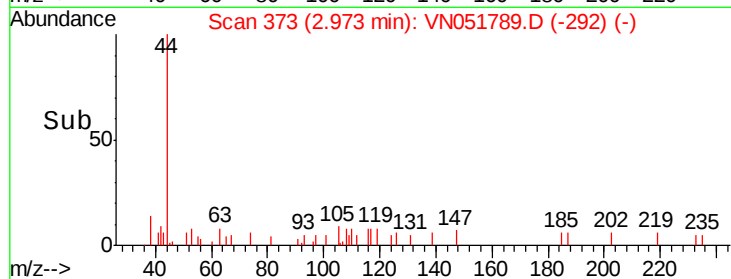
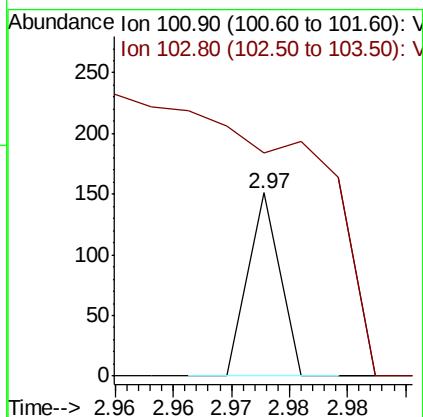
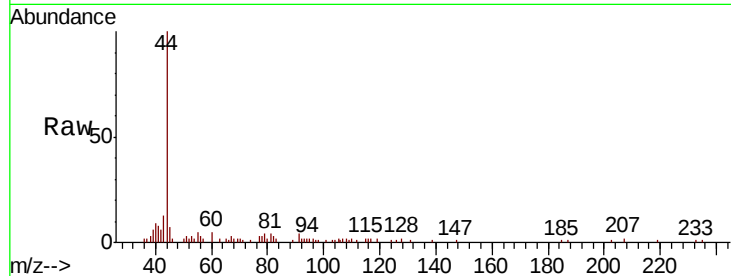


#7

Trichlorofluoromethane
 Concen: Below Cal
 RT: 2.97 min Scan# 373
 Delta R.T. -0.04 min
 Lab File: VN051789.D
 Acq: 10 Oct 2018 14:30

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-C(8-12)

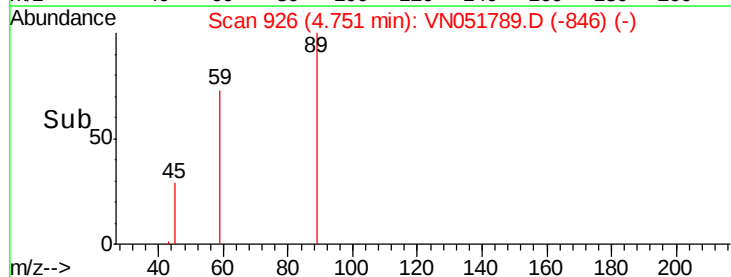
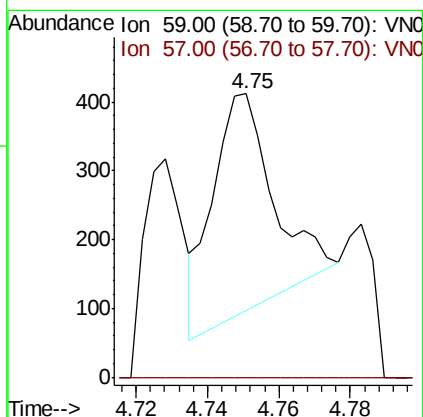
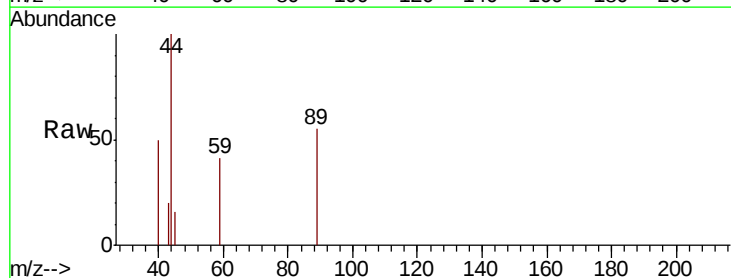
Tot Ion:101 Resp: 29
 Ion Ratio Lower Upper
 101 100
 103 13.2 51.1 76.7#

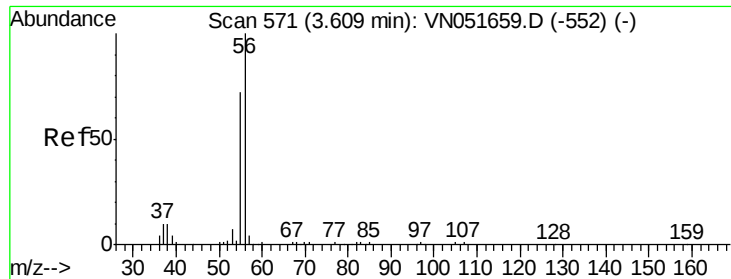


#11

Tert butyl alcohol
 Concen: 0.510 ug/l
 RT: 4.75 min Scan# 926
 Delta R.T. -0.04 min
 Lab File: VN051789.D
 Acq: 10 Oct 2018 14:30

Tgt Ion: 59 Resp: 381
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.1 12.1#





#13

Acrolein

Concen: Below Cal

RT: 3.62 min Scan# 573

Delta R.T. 0.01 min

Lab File: VN051789.D

Acq: 10 Oct 2018 14:30

Instrument :

MSVOA_N

ClientSampleId :

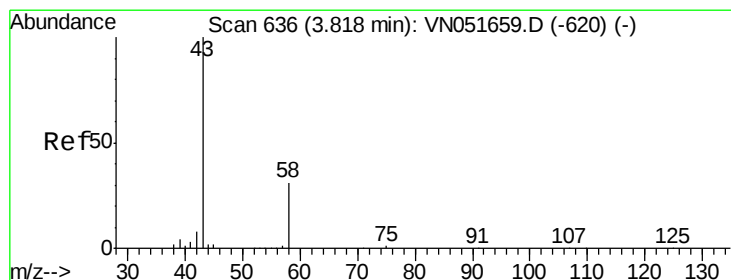
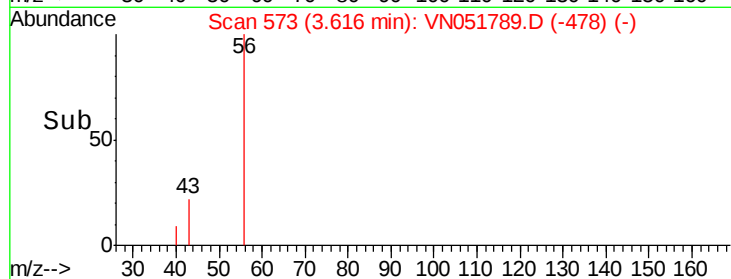
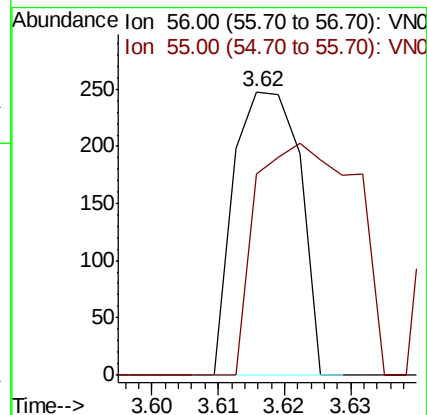
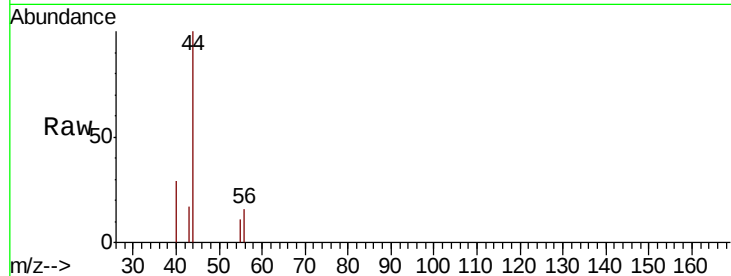
EP1-MW-C(8-12)

Tot Ion: 56 Resp: 171

Ion Ratio Lower Upper

56 100

55 125.1 57.5 86.3#



#16

Acetone

Concen: Below Cal

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN051789.D

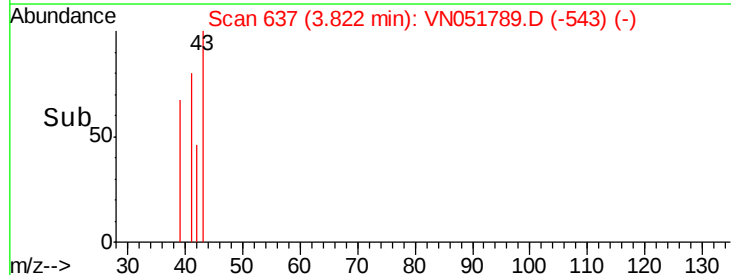
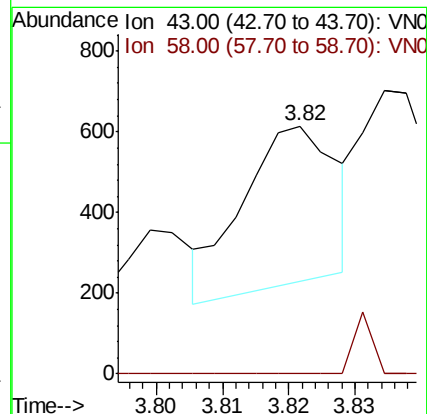
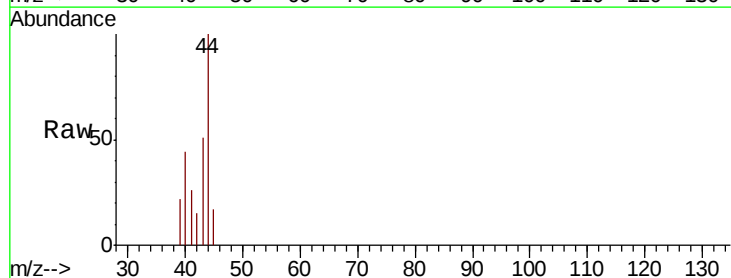
Acq: 10 Oct 2018 14:30

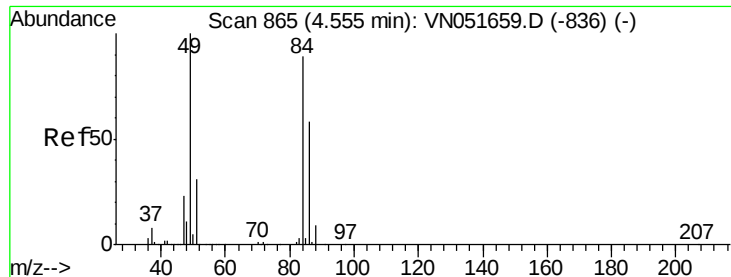
Tgt Ion: 43 Resp: 385

Ion Ratio Lower Upper

43 100

58 0.0 24.3 36.5#

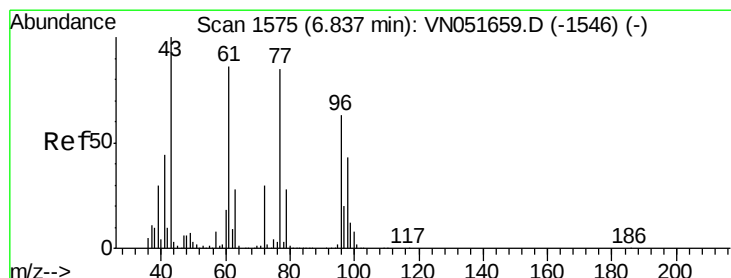
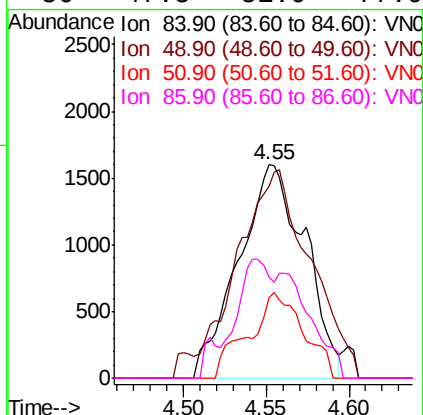
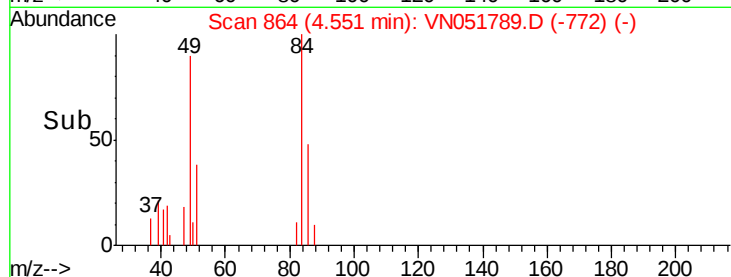
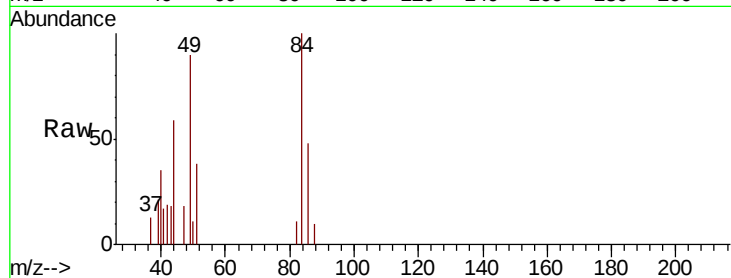




#20
Methvlene Chloride
Concen: 0.495 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN051789.D
Acq: 10 Oct 2018 14:30

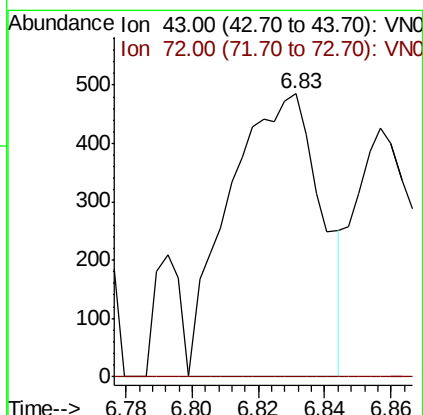
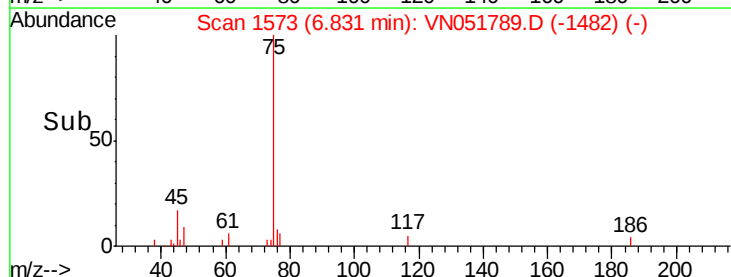
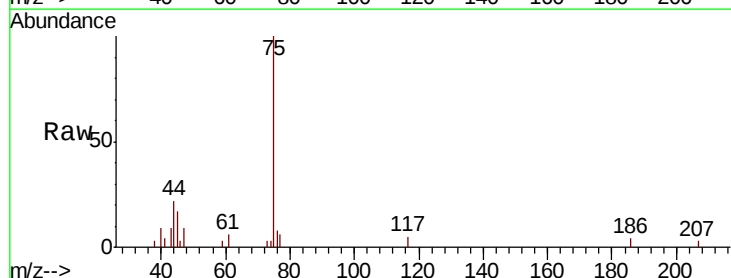
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-C(8-12)

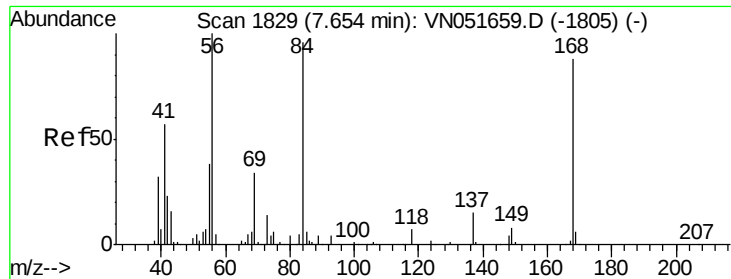
Tot Ion: 84 Resp: 4471
Ion Ratio Lower Upper
84 100
49 78.4 89.5 134.3#
51 37.9 27.4 41.0
86 47.5 51.9 77.9#



#25
2-Butanone
Concen: 0.294 ug/l
RT: 6.83 min Scan# 1573
Delta R.T. -0.01 min
Lab File: VN051789.D
Acq: 10 Oct 2018 14:30

Tgt Ion: 43 Resp: 933
Ion Ratio Lower Upper
43 100
72 0.0 24.2 36.2#





#31

Cyclohexane

Concen: 1.739 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.01 min

Lab File: VN051789.D

Acq: 10 Oct 2018 14:30

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-C(8-12)

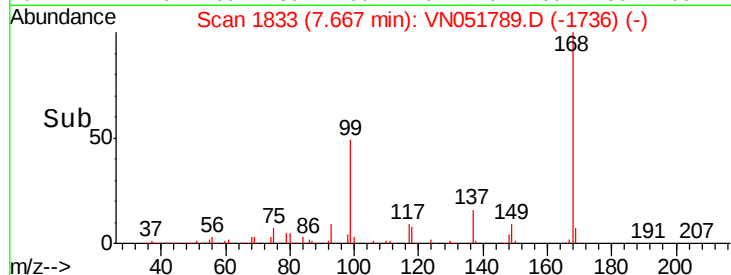
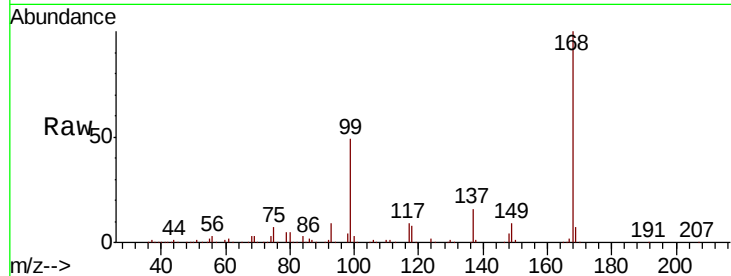
Tot Ion: 56 Resp: 25948

Ion Ratio Lower Upper

56 100

69 106.2 27.5 41.3#

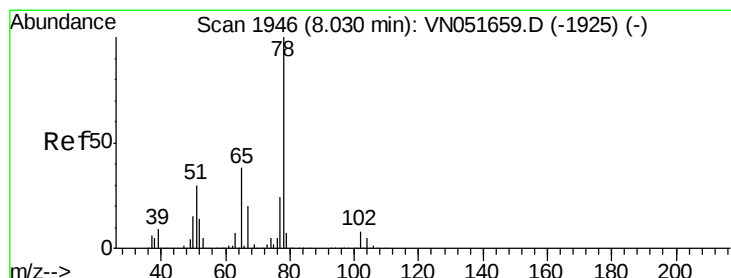
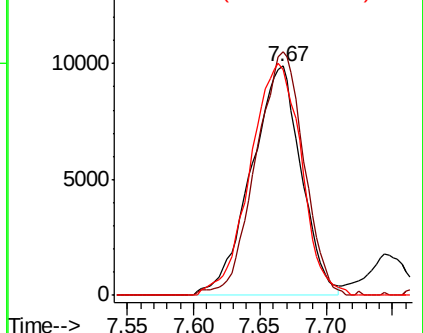
84 98.5 76.7 115.1



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN051789.D

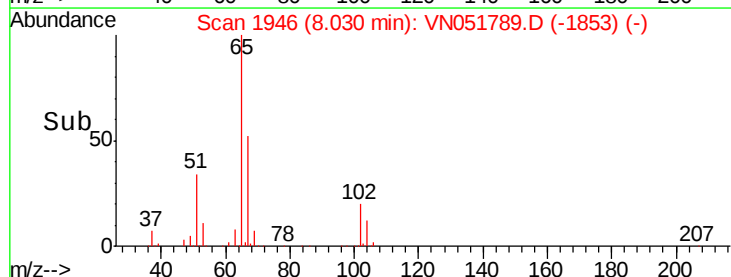
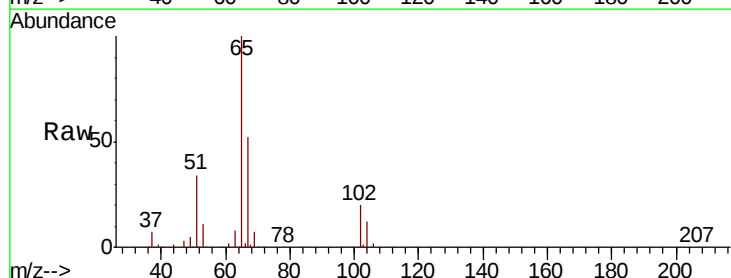
Acq: 10 Oct 2018 14:30

Tgt Ion: 65 Resp: 469956

Ion Ratio Lower Upper

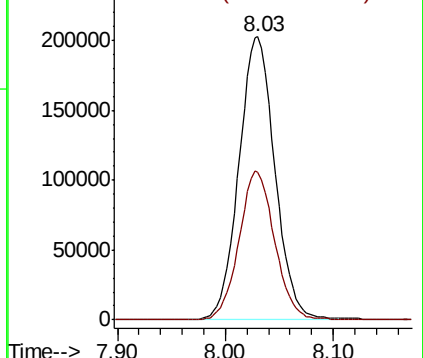
65 100

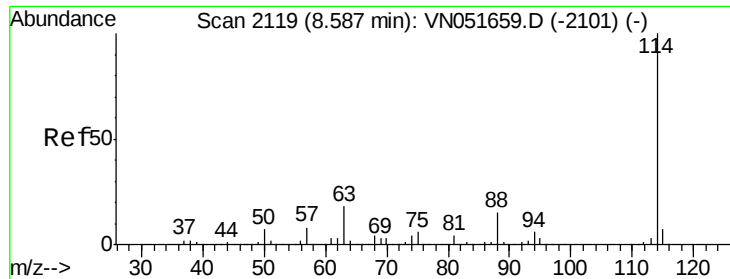
67 52.0 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

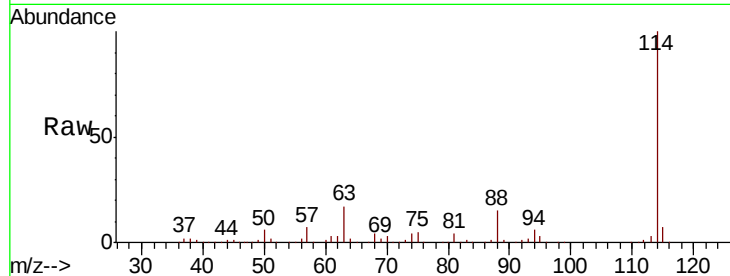




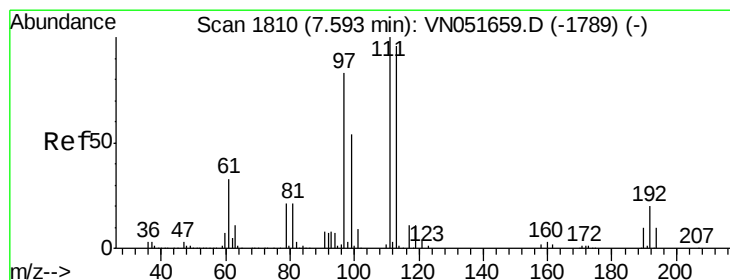
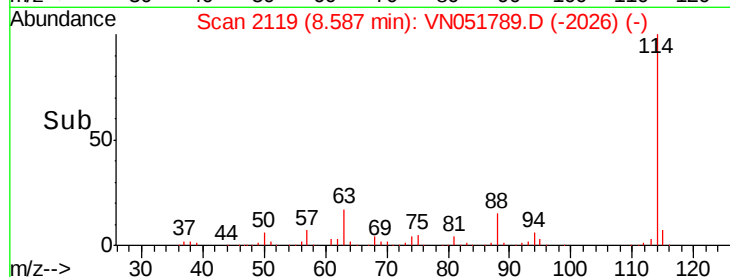
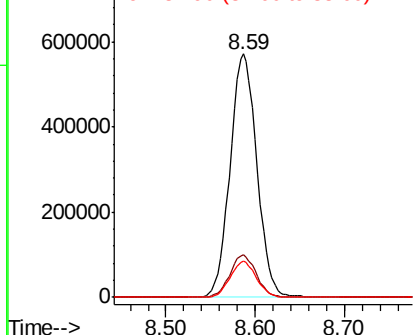
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN051789.D
Acq: 10 Oct 2018 14:30

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-C(8-12)

Tot Ion:114 Resp: 1185664
Ion Ratio Lower Upper
114 100
63 17.3 0.0 36.2
88 14.7 0.0 30.2

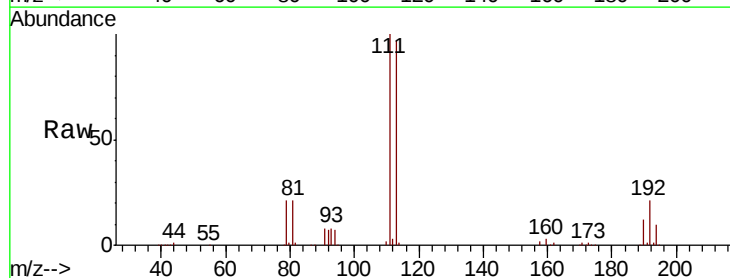


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

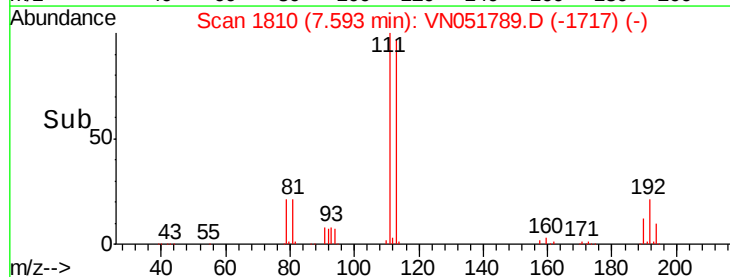
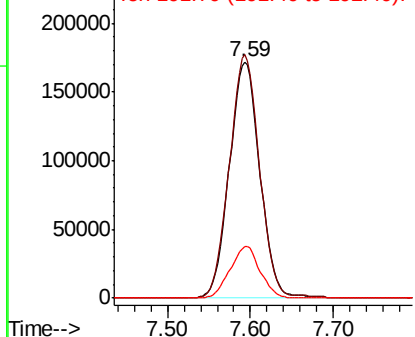


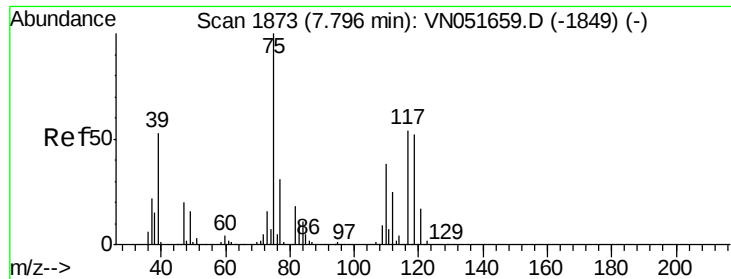
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN051789.D
Acq: 10 Oct 2018 14:30

Tgt Ion:113 Resp: 440426
Ion Ratio Lower Upper
113 100
111 102.0 81.8 122.8
192 21.6 16.5 24.7



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

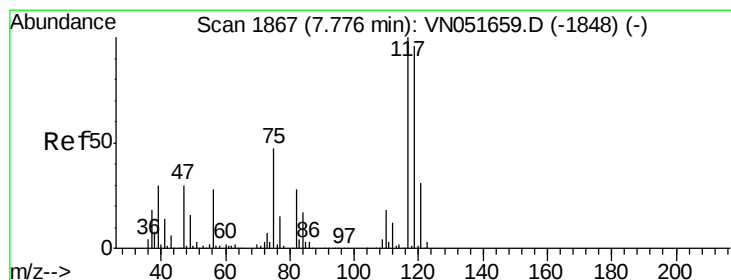
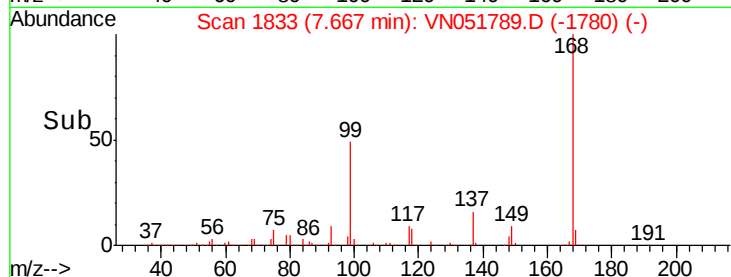
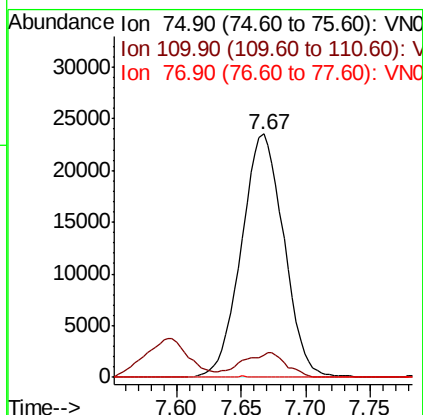
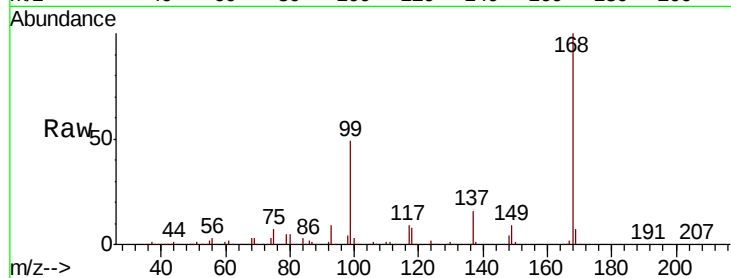




#36
 1,1-Dichloropropene
 Concen: 4.353 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN051789.D
 Acq: 10 Oct 2018 14:30

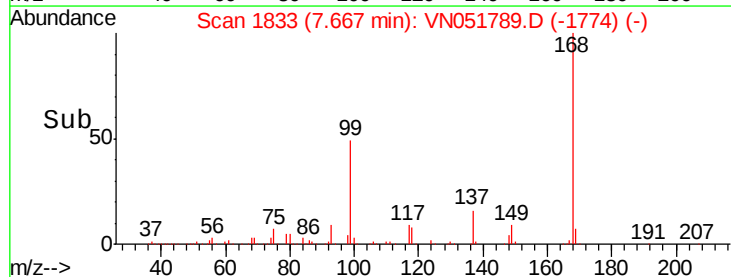
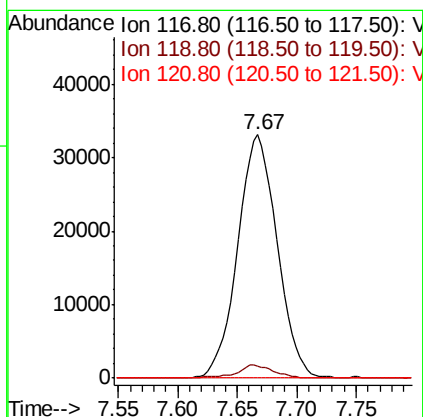
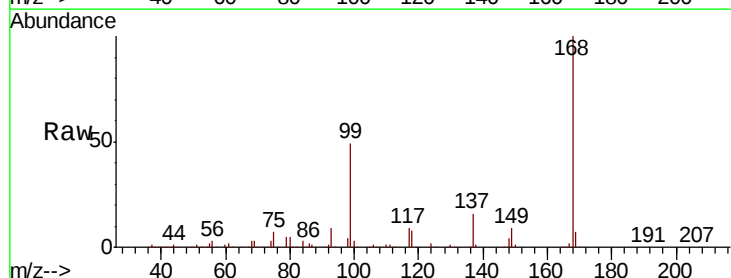
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-C(8-12)

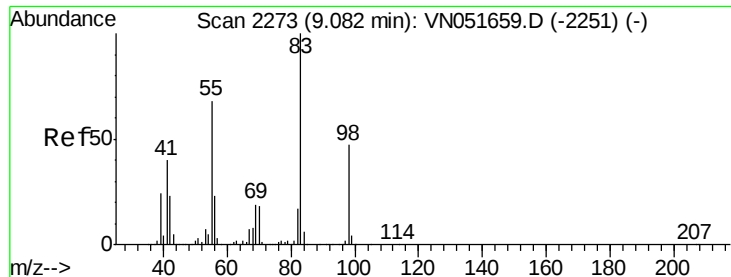
Tot Ion	Ratio	Lower	Upper
75	100		
110	10.6	19.3	57.8#
77	0.1	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 5.116 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.11 min
 Lab File: VN051789.D
 Acq: 10 Oct 2018 14:30

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.9	77.0	115.6#
121	0.0	25.0	37.6#

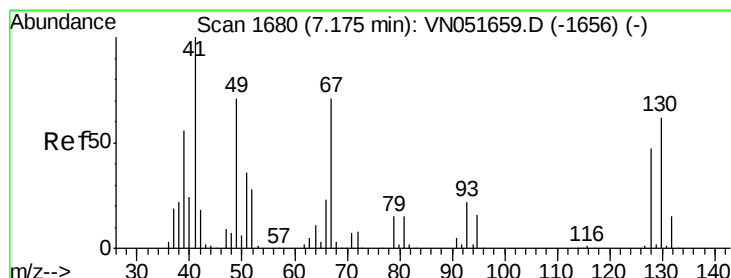
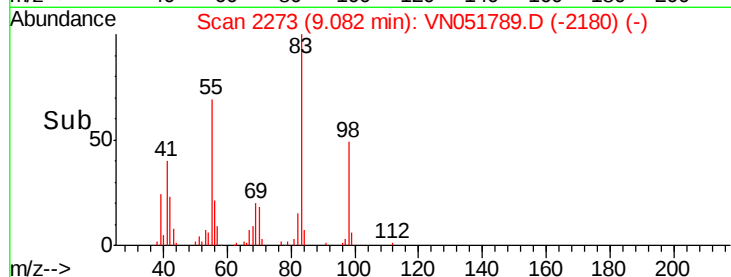
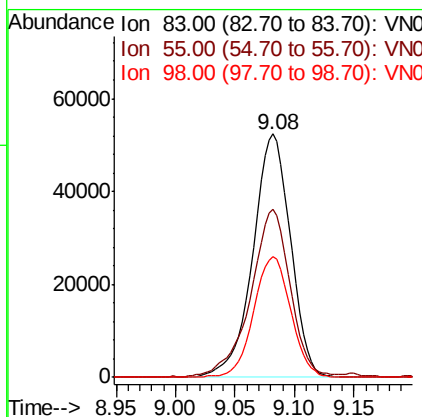
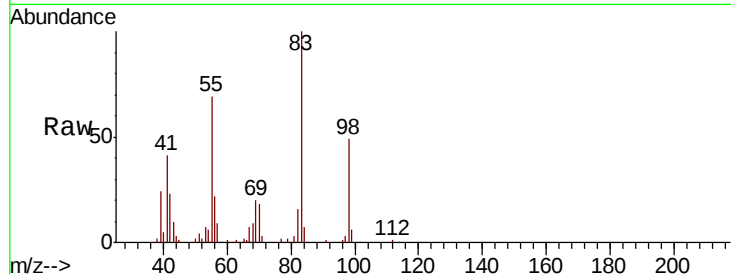




#39
Methylvlcvclohexane
Concen: 7.388 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN051789.D
Acq: 10 Oct 2018 14:30

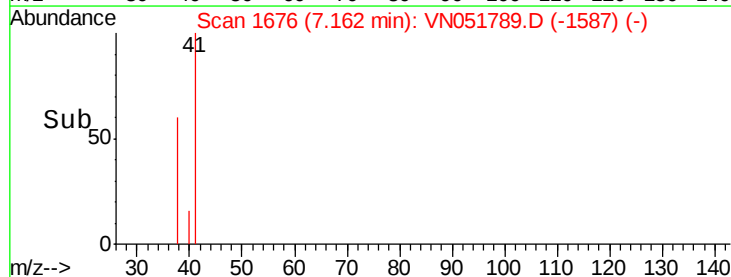
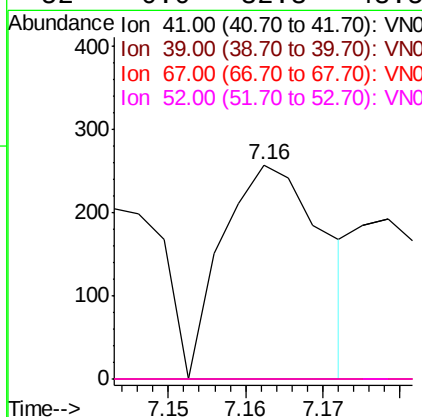
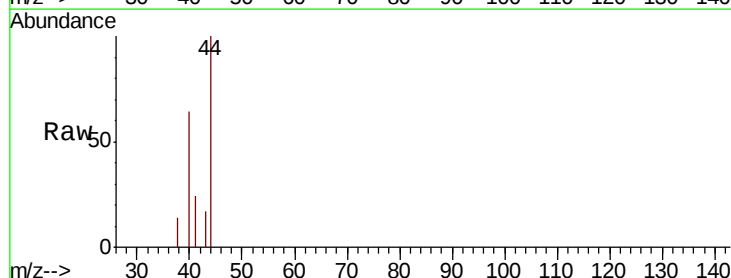
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-C(8-12)

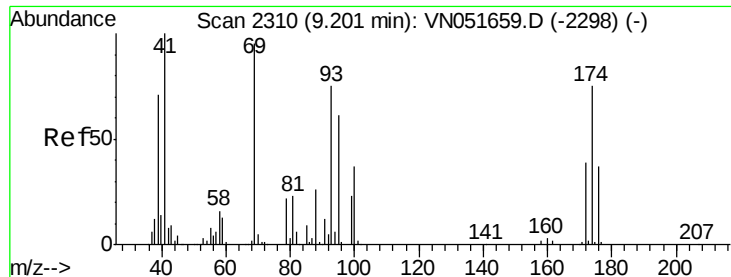
Tot Ion: 83 Resp: 114941
Ion Ratio Lower Upper
83 100
55 68.4 54.3 81.5
98 49.4 37.4 56.2



#41
Methacrylonitrile
Concen: Below Cal
RT: 7.16 min Scan# 1676
Delta R.T. -0.01 min
Lab File: VN051789.D
Acq: 10 Oct 2018 14:30

Tgt Ion: 41 Resp: 234
Ion Ratio Lower Upper
41 100
39 0.0 53.9 80.9#
67 0.0 78.1 117.1#
52 0.0 32.3 48.5#

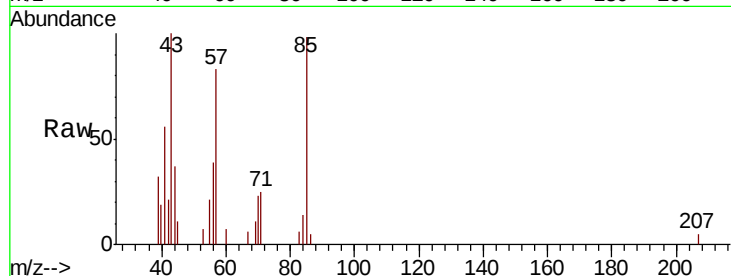




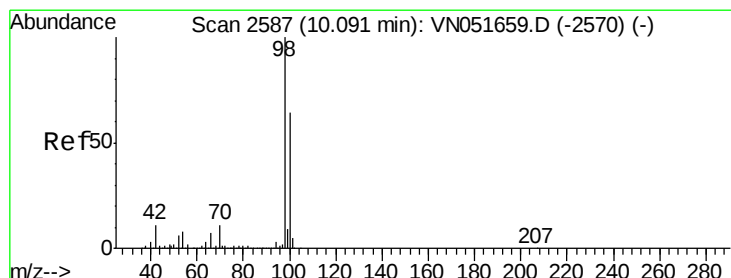
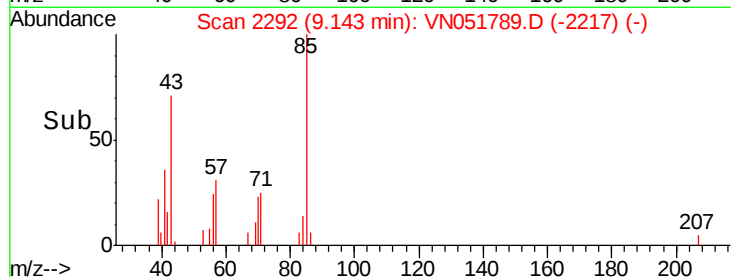
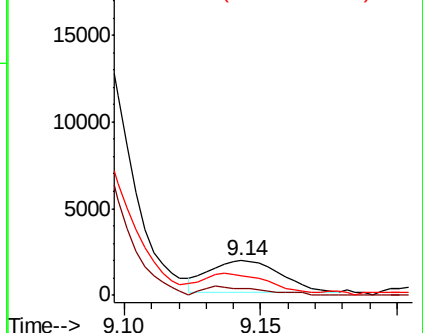
#48
Methvl methacrylate
Concen: 0.542 ug/l
RT: 9.14 min Scan# 2292
Delta R.T. -0.06 min
Lab File: VN051789.D
Acq: 10 Oct 2018 14:30

Instrument :
MSVOA_N
ClientSampled :
EP1-MW-C(8-12)

Tot Ion: 41 Resp: 3338
Ion Ratio Lower Upper
41 100
69 0.0 78.6 118.0#
39 54.7 59.2 88.8#

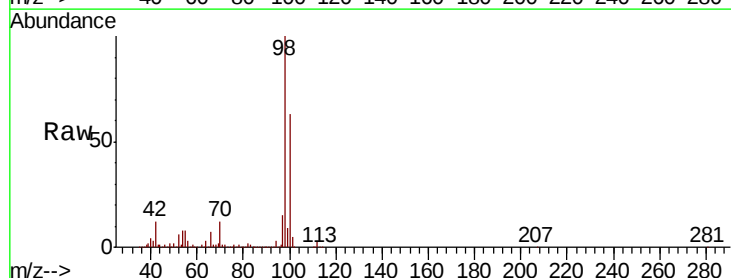


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

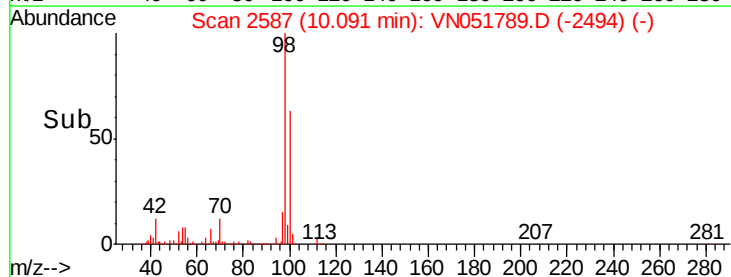
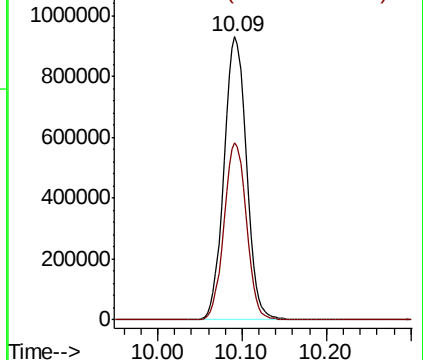


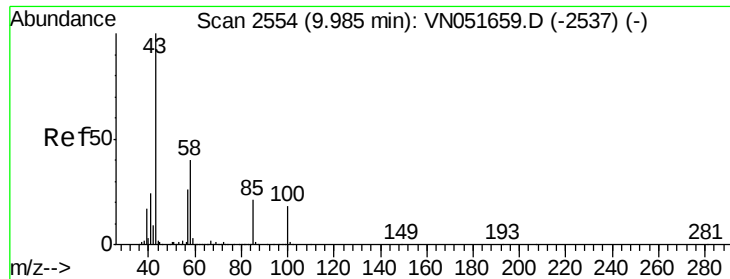
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN051789.D
Acq: 10 Oct 2018 14:30

Tgt Ion: 98 Resp: 1729454
Ion Ratio Lower Upper
98 100
100 62.1 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 3.114 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.10 min

Lab File: VN051789.D

Acq: 10 Oct 2018 14:30

Instrument :

MSVOA_N

ClientSampled :

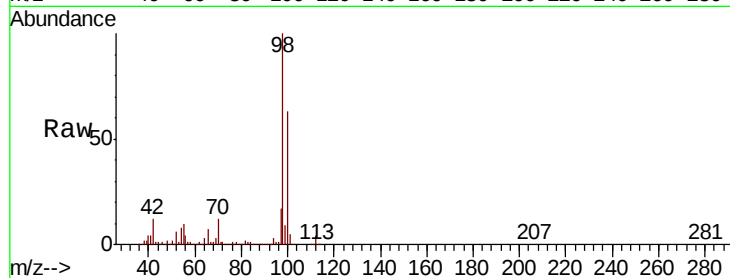
EP1-MW-C(8-12)

Tot Ion: 43 Resp: 21262

Ion Ratio Lower Upper

43 100

58 55.6 32.2 48.2#



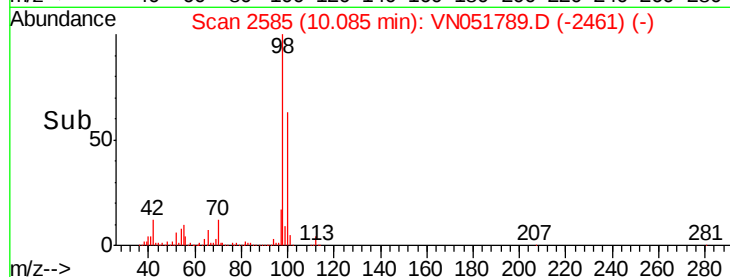
Abundance Ion 43.00 (42.70 to 43.70): VN051659.D (-2537) (-)

Ion 58.00 (57.70 to 58.70): VN051659.D (-2537) (-)

10.09

10.10

10.20



Abundance Ion 96.90 (96.60 to 97.60): VN051659.D (-2715) (-)

Ion 82.90 (82.60 to 83.60): VN051659.D (-2715) (-)

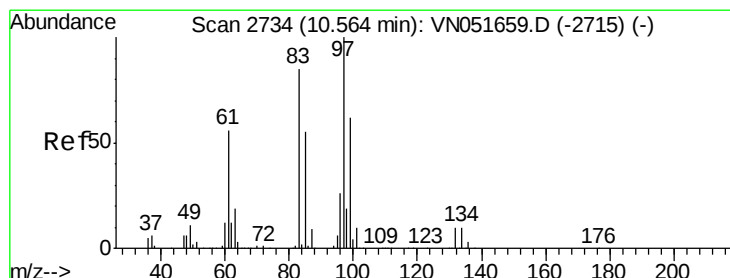
Ion 84.90 (84.60 to 85.60): VN051659.D (-2715) (-)

Ion 98.90 (98.60 to 99.60): VN051659.D (-2715) (-)

10.53

10.60

10.70



#55

1,1,2-Trichloroethane

Concen: 9.801 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.03 min

Lab File: VN051789.D

Acq: 10 Oct 2018 14:30

Tgt Ion: 97 Resp: 85317

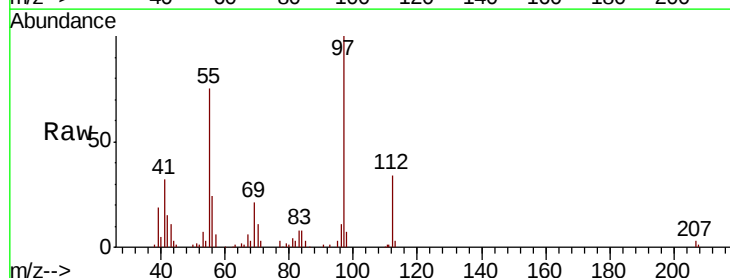
Ion Ratio Lower Upper

97 100

83 7.7 68.1 102.1#

85 3.2 43.6 65.4#

99 0.0 49.4 74.0#



Abundance Ion 96.90 (96.60 to 97.60): VN051659.D (-2715) (-)

Ion 82.90 (82.60 to 83.60): VN051659.D (-2715) (-)

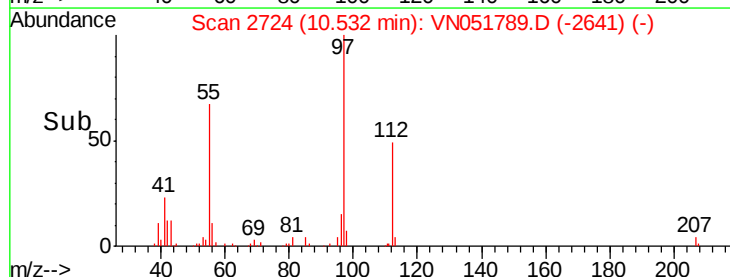
Ion 84.90 (84.60 to 85.60): VN051659.D (-2715) (-)

Ion 98.90 (98.60 to 99.60): VN051659.D (-2715) (-)

10.53

10.60

10.70



Abundance Ion 96.90 (96.60 to 97.60): VN051659.D (-2715) (-)

Ion 82.90 (82.60 to 83.60): VN051659.D (-2715) (-)

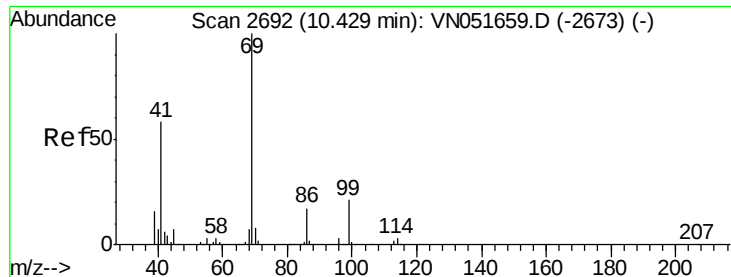
Ion 84.90 (84.60 to 85.60): VN051659.D (-2715) (-)

Ion 98.90 (98.60 to 99.60): VN051659.D (-2715) (-)

10.53

10.60

10.70



#56

Ethyl methacrylate

Concen: 3.157 ug/l

RT: 10.44 min Scan# 2694

Delta R.T. 0.01 min

Lab File: VN051789.D

Acq: 10 Oct 2018 14:30

Instrument :

MSVOA_N

ClientSampled :

EP1-MW-C(8-12)

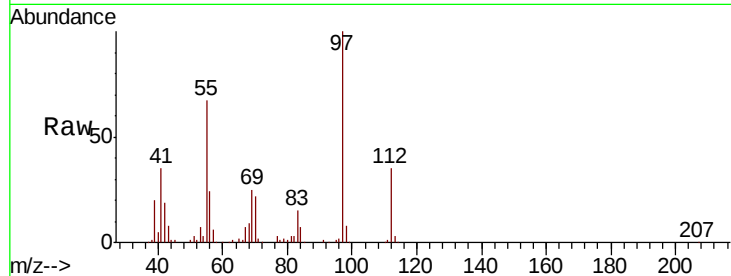
Tot Ion: 69 Resp: 34747

Ion Ratio Lower Upper

69 100

41 150.8 46.4 69.6#

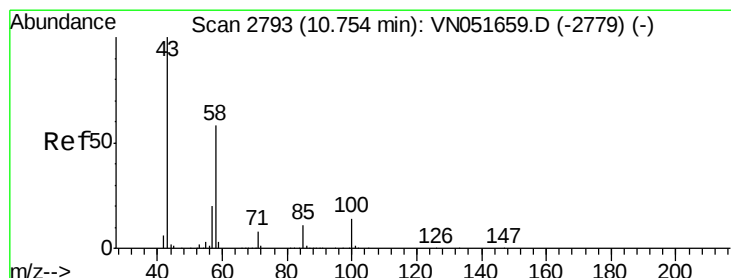
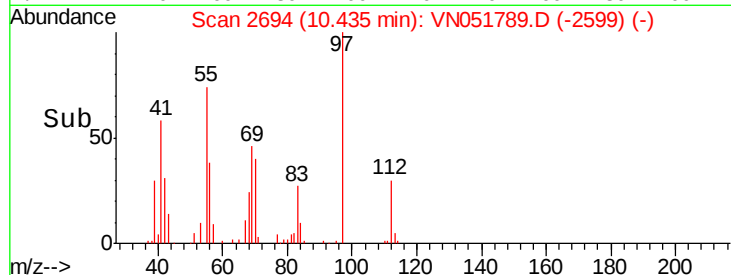
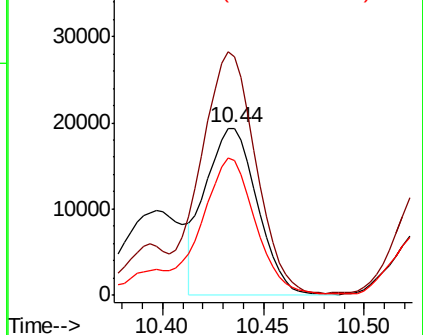
39 101.6 32.4 48.6#



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#59

2-Hexanone

Concen: 49.954 ug/l

RT: 10.72 min Scan# 2782

Delta R.T. -0.04 min

Lab File: VN051789.D

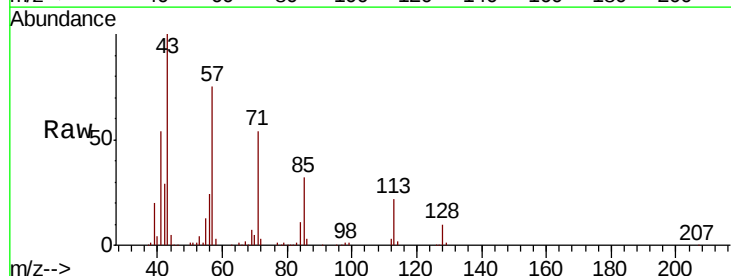
Acq: 10 Oct 2018 14:30

Tgt Ion: 43 Resp: 231669

Ion Ratio Lower Upper

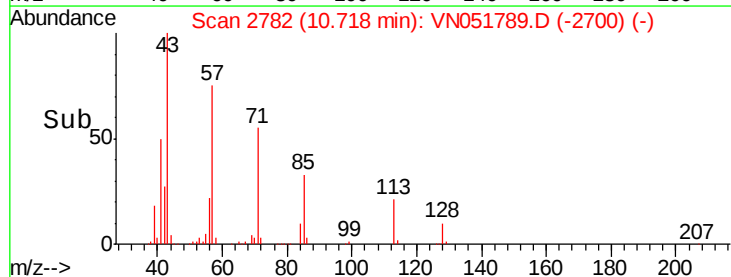
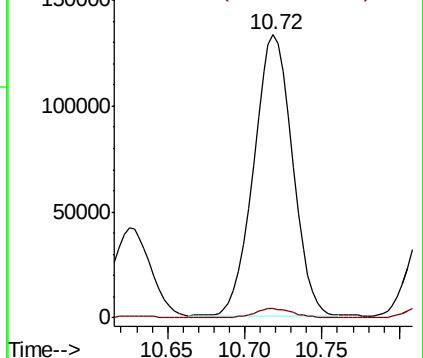
43 100

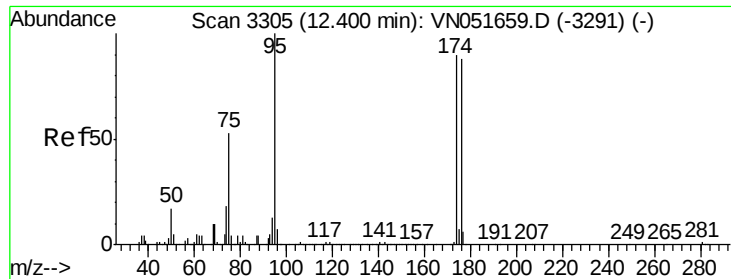
58 3.5 28.8 86.4#



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# 3304

Delta R.T. -0.00 min

Lab File: VN051789.D

Acq: 10 Oct 2018 14:30

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-C(8-12)

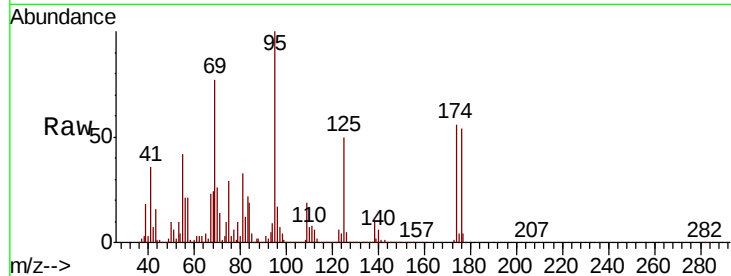
Tot Ion: 95 Resp: 1091333

Ion Ratio Lower Upper

95 100

174 58.2 0.0 182.8

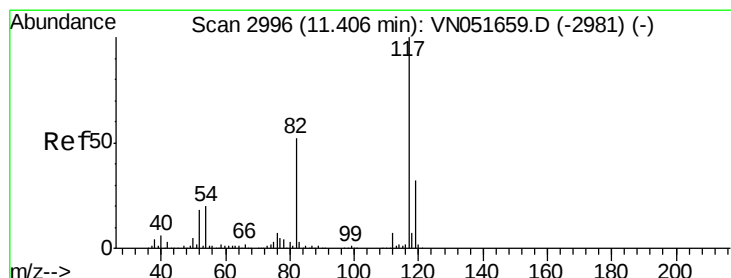
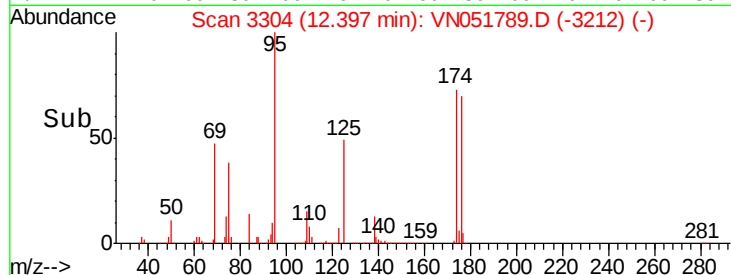
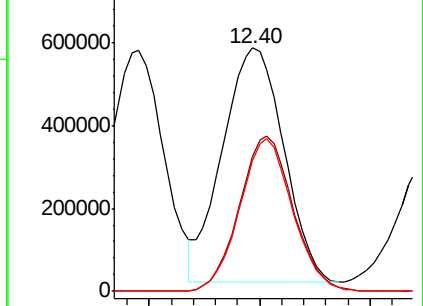
176 56.3 0.0 176.4



Abundance Ion 94.90 (94.60 to 95.60): VN051659.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN051659.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN051659.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN051789.D

Acq: 10 Oct 2018 14:30

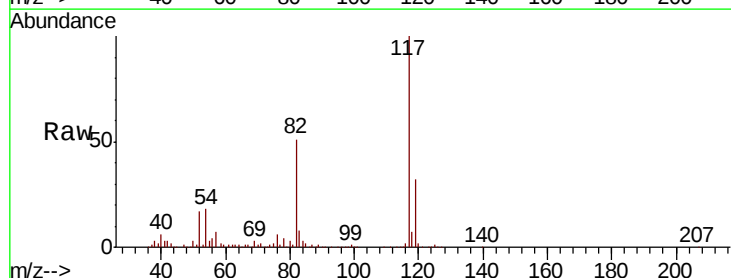
Tgt Ion: 117 Resp: 1131771

Ion Ratio Lower Upper

117 100

82 47.6 41.3 61.9

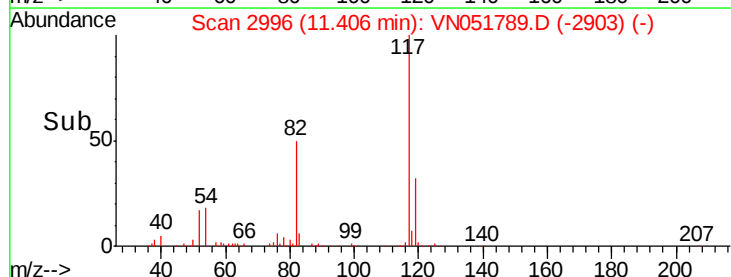
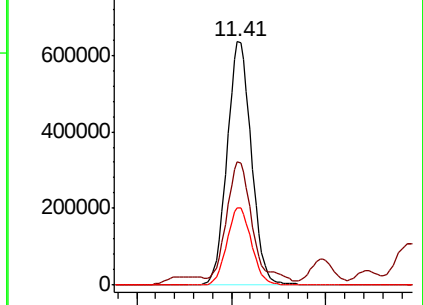
119 32.0 25.9 38.9

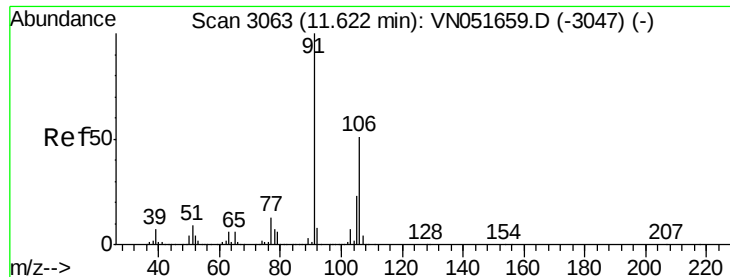


Abundance Ion 116.90 (116.60 to 117.60): VN051659.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN051659.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN051659.D (-2981) (-)





#68

m/p-Xvlenes

Concen: 0.293 ug/l

RT: 11.63 min Scan# 3064

Delta R.T. 0.00 min

Lab File: VN051789.D

Acq: 10 Oct 2018 14:30

Instrument :

MSVOA_N

ClientSampleId :

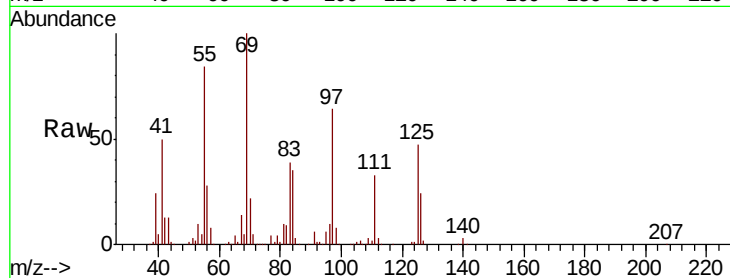
EP1-MW-C(8-12)

Tot Ion:106 Resp: 5685

Ion Ratio Lower Upper

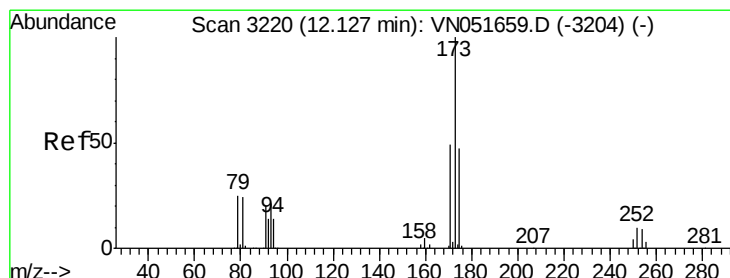
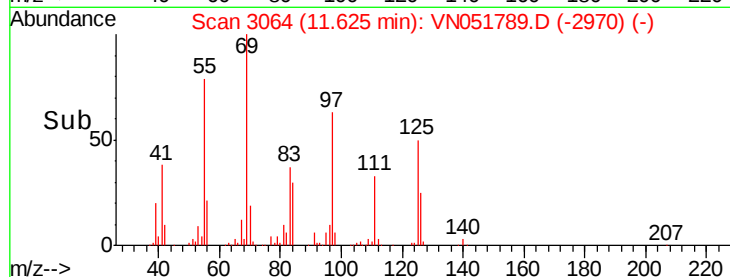
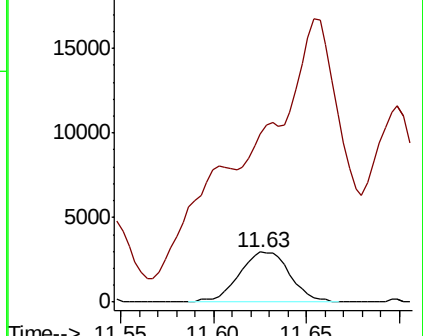
106 100

91 0.0 158.4 237.6#



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): V



#71

Bromoform

Concen: 0.624 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN051789.D

Acq: 10 Oct 2018 14:30

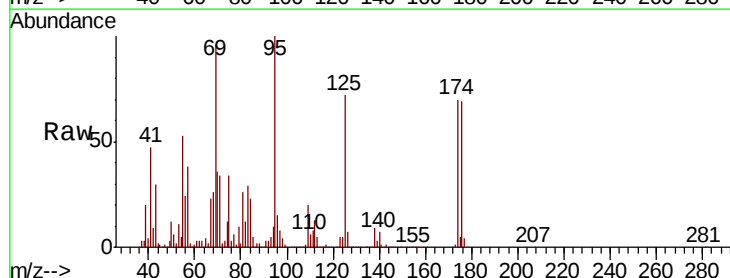
Tgt Ion:173 Resp: 5206

Ion Ratio Lower Upper

173 100

175 760.8 24.0 72.0#

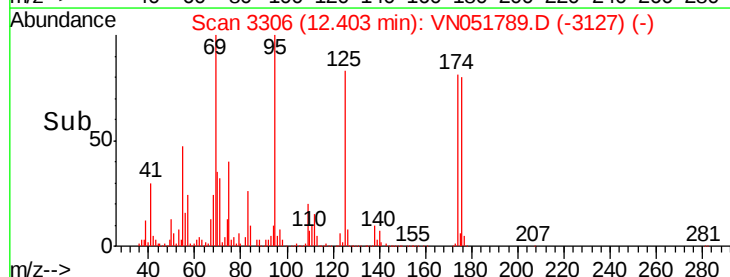
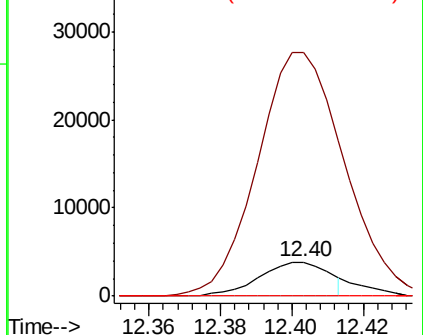
254 0.0 0.1 0.1#

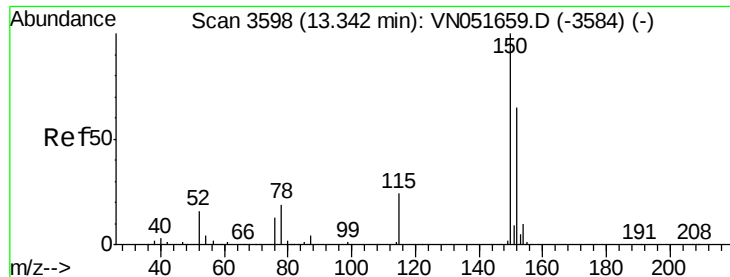


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051789.D

Acq: 10 Oct 2018 14:30

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-C(8-12)

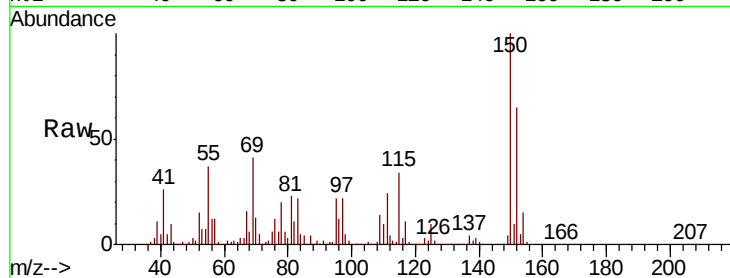
Tot Ion:152 Resp: 788151

Ion Ratio Lower Upper

152 100

115 45.7 28.6 85.8

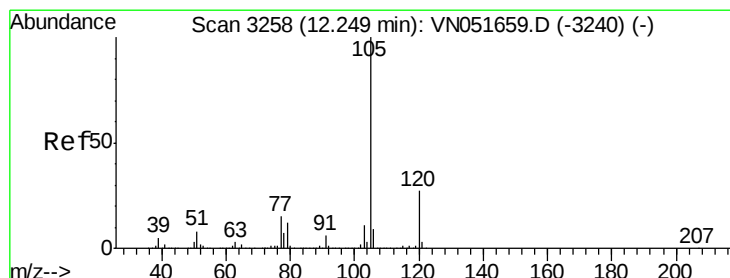
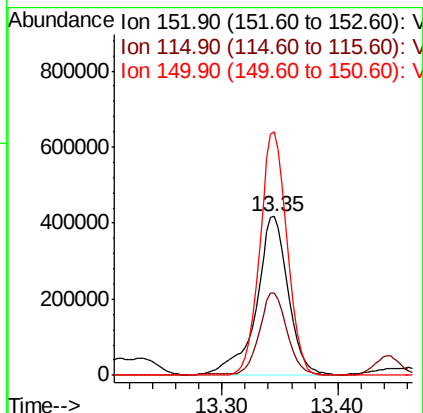
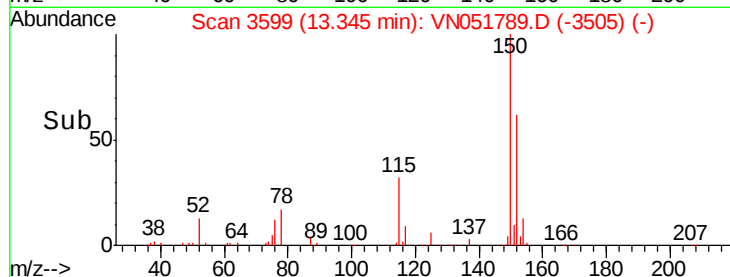
150 131.9 0.0 352.4



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: 35.388 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN051789.D

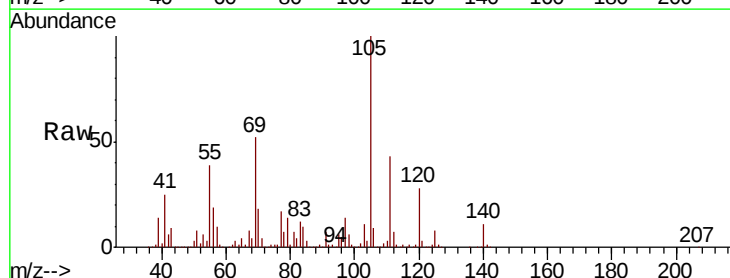
Acq: 10 Oct 2018 14:30

Tgt Ion:105 Resp: 2377535

Ion Ratio Lower Upper

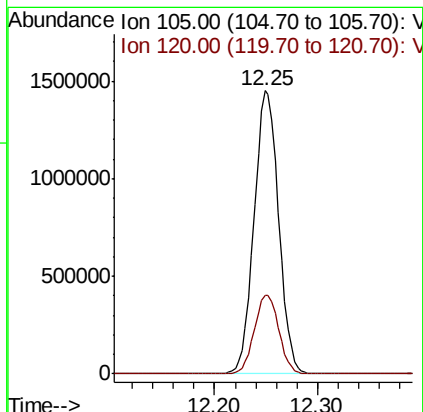
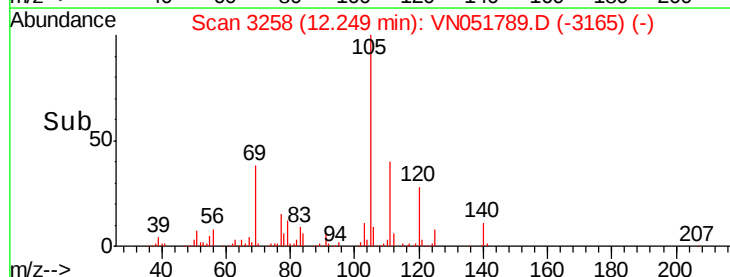
105 100

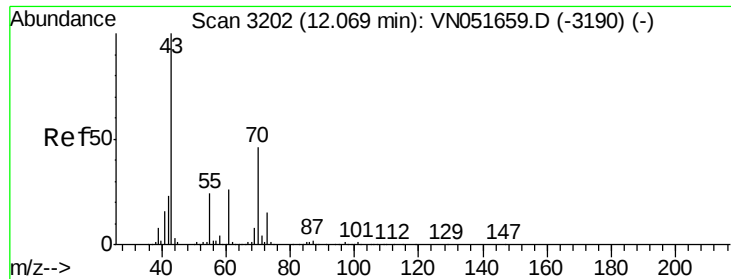
120 27.9 13.9 41.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 223.546 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.02 min

Lab File: VN051789.D

Acq: 10 Oct 2018 14:30

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-C(8-12)

Tot Ion: 43 Resp: 2945901

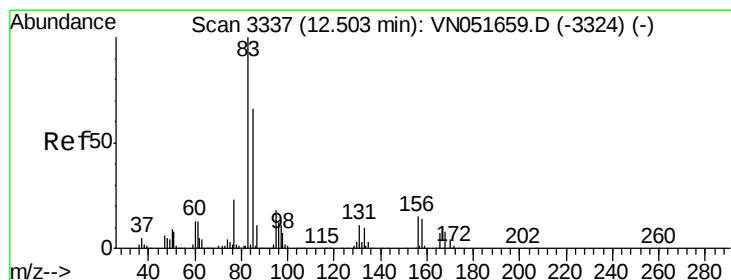
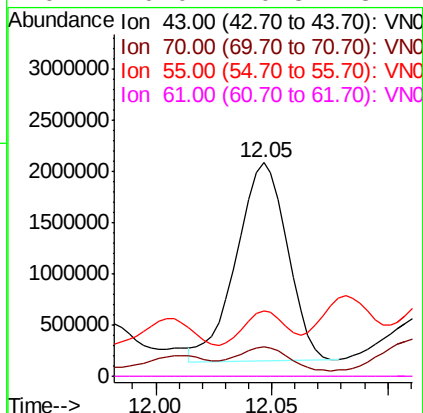
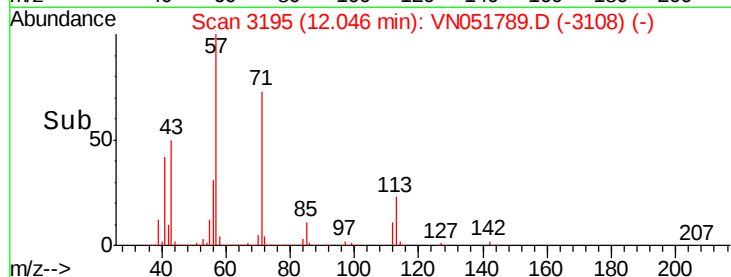
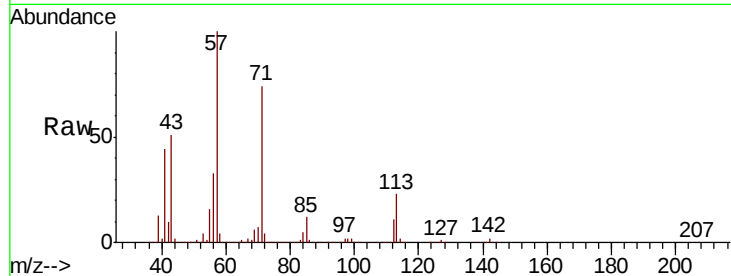
Ion Ratio Lower Upper

43 100

70 11.9 37.1 55.7#

55 14.5 19.1 28.7#

61 0.0 20.8 31.2#



#75

1,1,2,2-Tetrachloroethane

Concen: 24.451 ug/l

RT: 12.47 min Scan# 3328

Delta R.T. -0.03 min

Lab File: VN051789.D

Acq: 10 Oct 2018 14:30

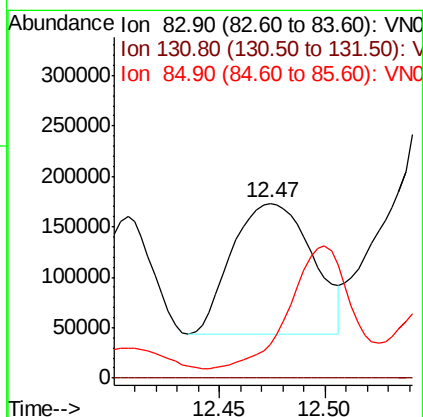
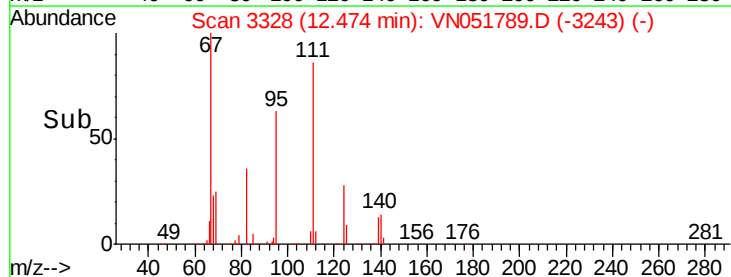
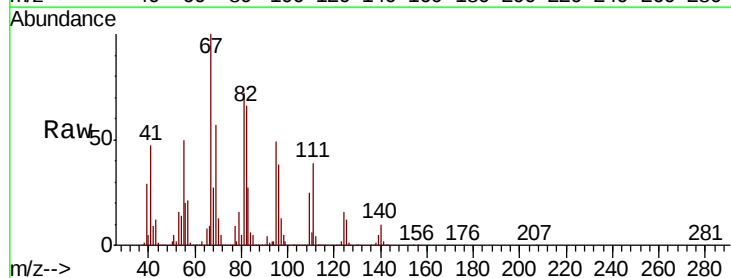
Tgt Ion: 83 Resp: 344267

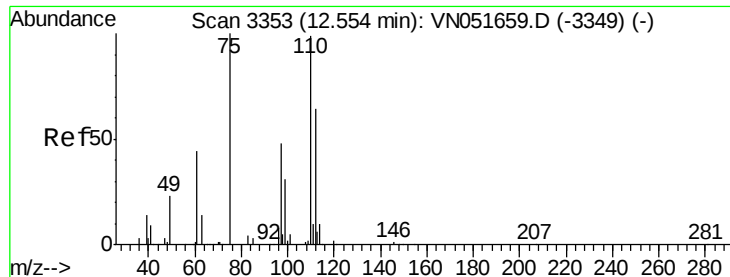
Ion Ratio Lower Upper

83 100

131 0.0 5.7 17.1#

85 0.0 33.0 98.9#





#76

1,2,3-Trichloropropane

Concen: 0.346 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.04 min

Lab File: VN051789.D

Acq: 10 Oct 2018 14:30

Instrument :

MSVOA_N

ClientSampled :

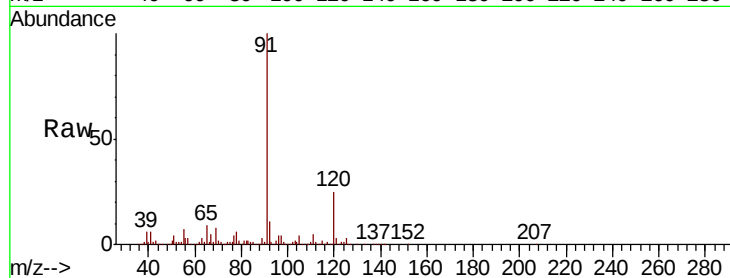
EP1-MW-C(8-12)

Tot Ion: 75 Resp: 43300

Ion Ratio Lower Upper

75 100

77 975.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN051659.D (-3349) (-)

Ion 77.00 (76.70 to 77.70): VN051659.D (-3349) (-)

200000

150000

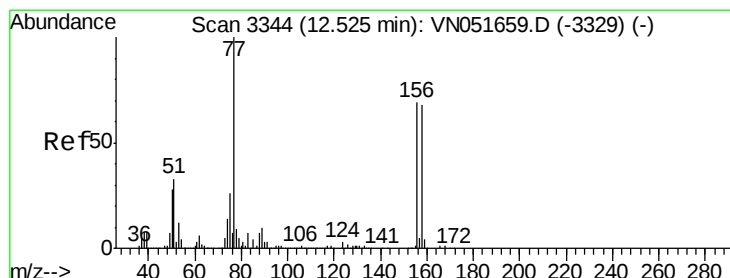
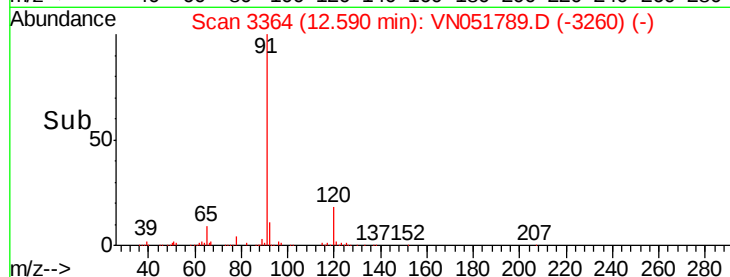
100000

50000

0

12.50 12.55 12.60 12.65

Time-->



#77

Bromobenzene

Concen: 0.285 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.03 min

Lab File: VN051789.D

Acq: 10 Oct 2018 14:30

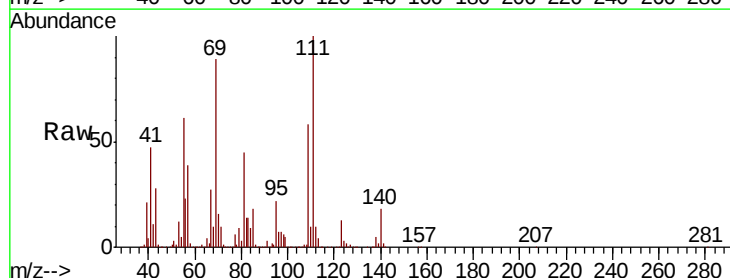
Tgt Ion: 156 Resp: 4690

Ion Ratio Lower Upper

156 100

77 0.0 83.2 249.4#

158 5.2 49.0 147.2#



Abundance Ion 155.80 (155.50 to 156.50): VN051659.D (-3329) (-)

Ion 77.00 (76.70 to 77.70): VN051659.D (-3329) (-)

Ion 157.80 (157.50 to 158.50): VN051659.D (-3329) (-)

200000

150000

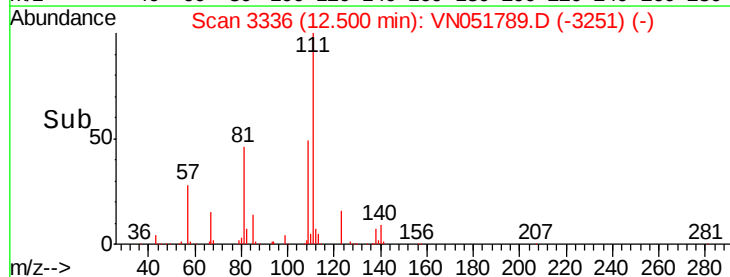
100000

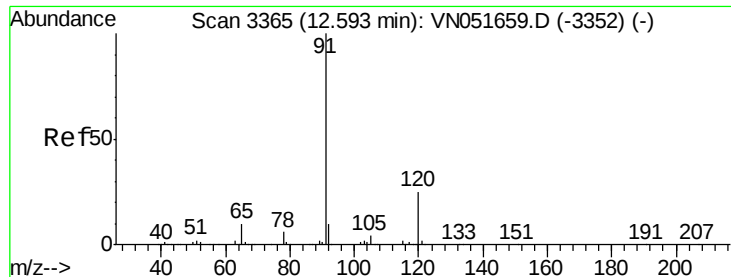
50000

0

12.45 12.50 12.55

Time-->





#78

n-propylbenzene

Concen: 102.826 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN051789.D

Acq: 10 Oct 2018 14:30

Instrument :

MSVOA_N

ClientSampleId :

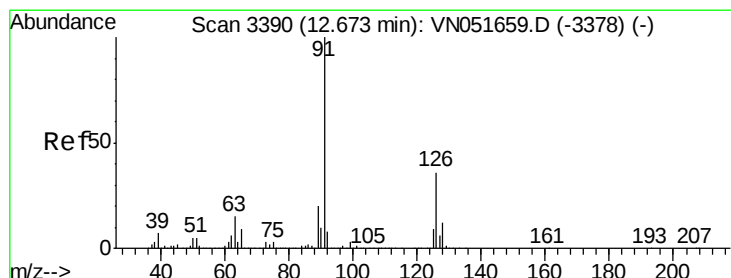
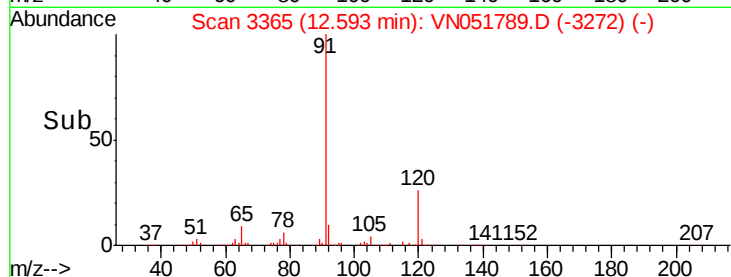
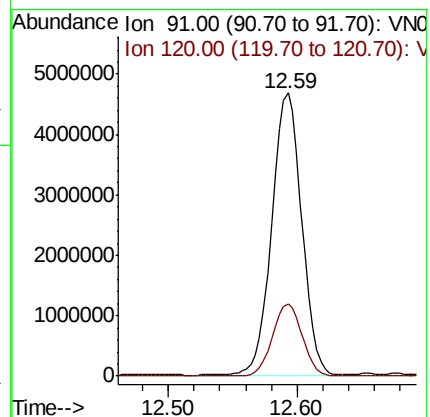
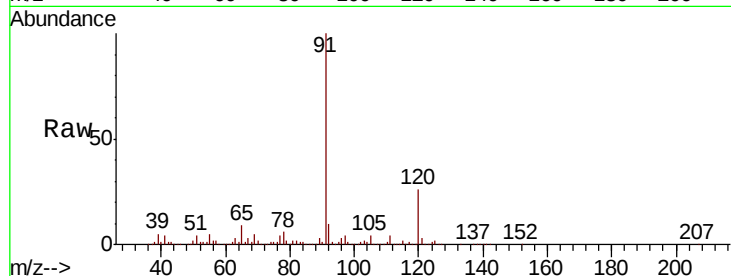
EP1-MW-C(8-12)

Tot Ion: 91 Resp: 7535030

Ion Ratio Lower Upper

91 100

120 25.6 12.4 37.2



#79

2-Chlorotoluene

Concen: 174.471 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. -0.08 min

Lab File: VN051789.D

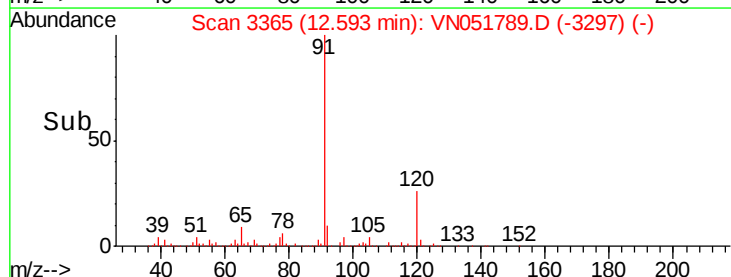
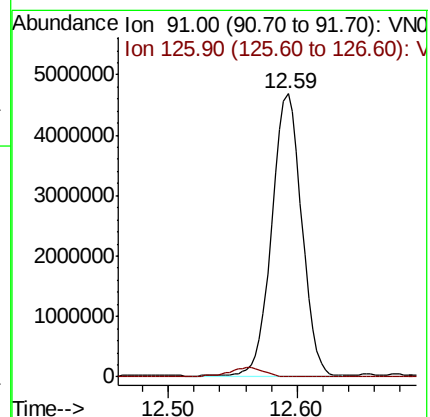
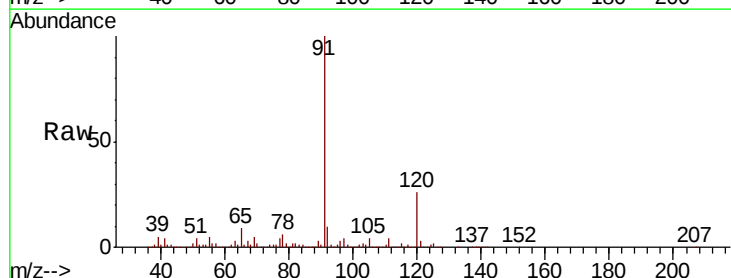
Acq: 10 Oct 2018 14:30

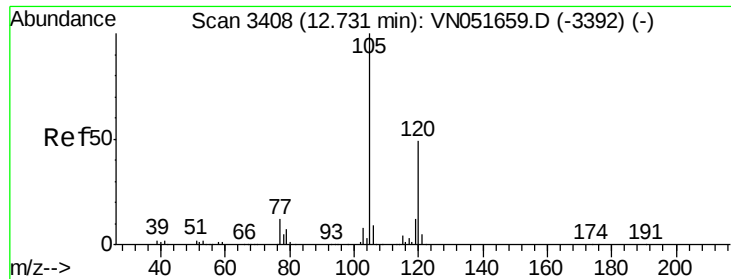
Tgt Ion: 91 Resp: 7535030

Ion Ratio Lower Upper

91 100

126 0.0 18.5 55.5#

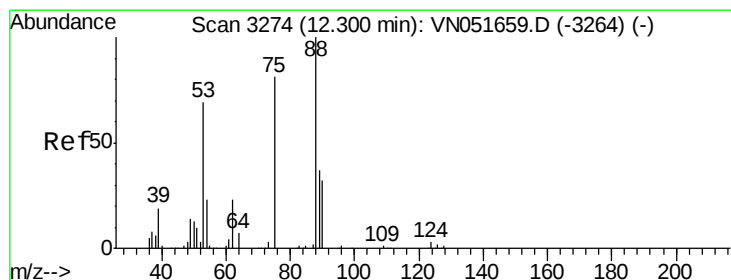
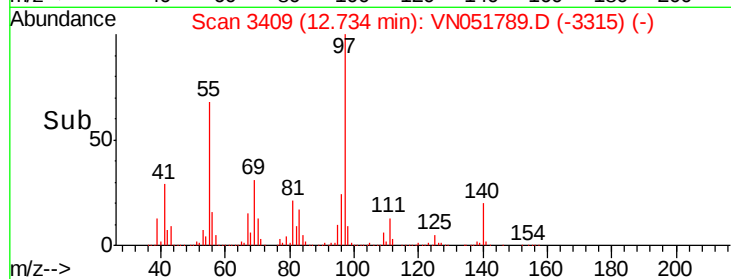
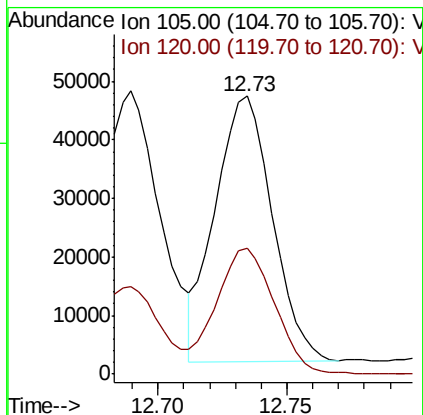
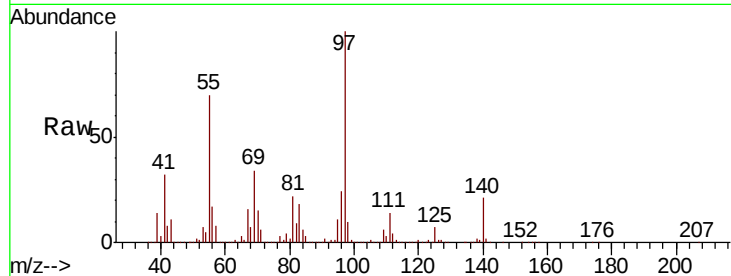




#80
 1,3,5-Trimethylbenzene
 Concen: 1.232 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN051789.D
 Acq: 10 Oct 2018 14:30

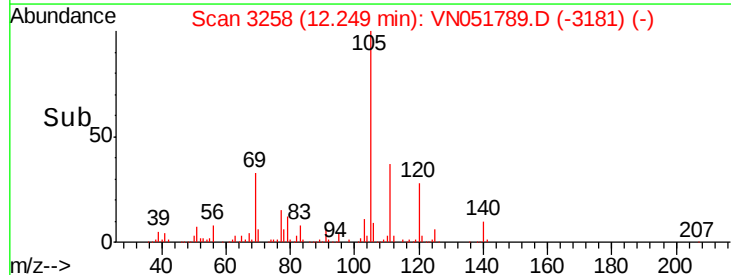
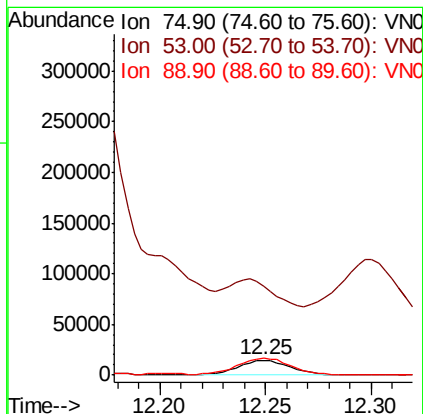
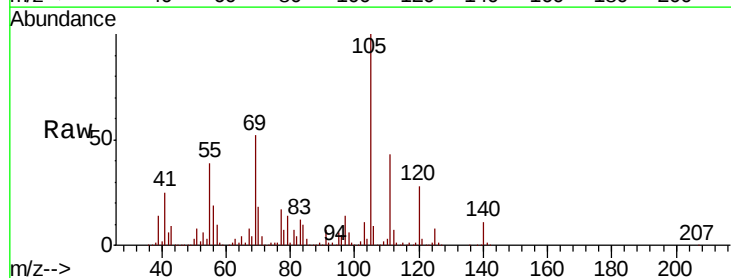
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-C(8-12)

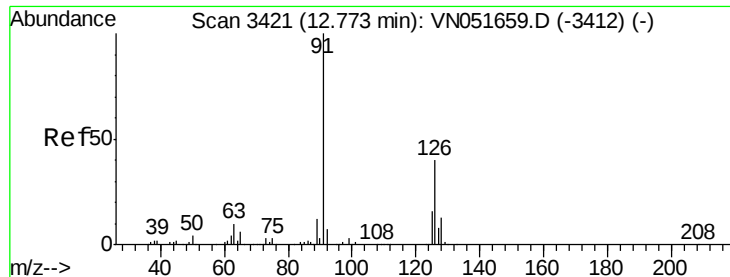
Tot Ion:105 Resp: 69774
 Ion Ratio Lower Upper
 105 100
 120 0.0 24.6 74.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 5.400 ug/l
 RT: 12.25 min Scan# 3258
 Delta R.T. -0.05 min
 Lab File: VN051789.D
 Acq: 10 Oct 2018 14:30

Tgt Ion: 75 Resp: 23152
 Ion Ratio Lower Upper
 75 100
 53 0.0 68.6 102.8#
 89 119.1 39.4 59.2#

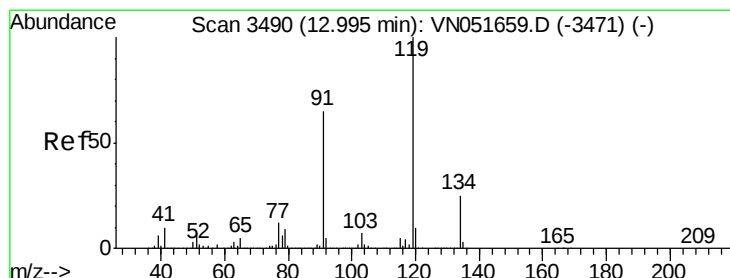
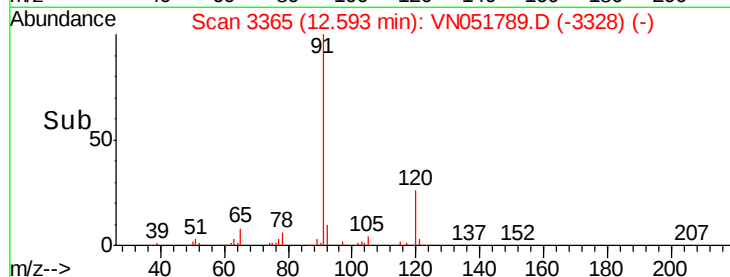
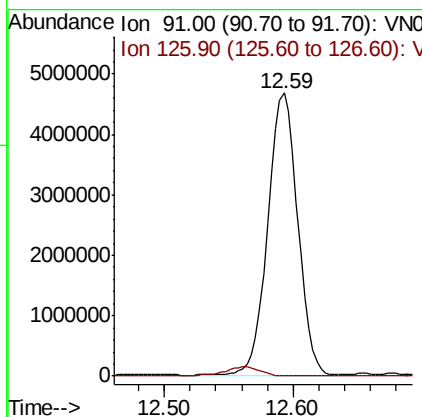
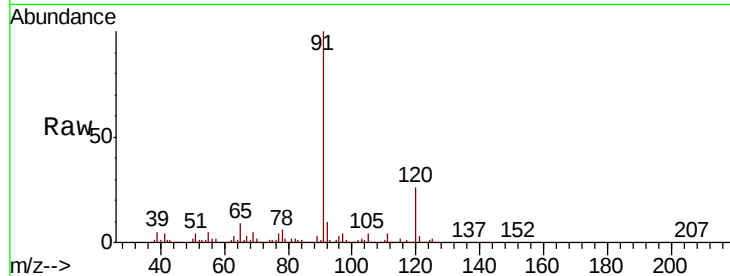




#82
4-Chlorotoluene
Concen: 173.677 ug/l
RT: 12.59 min Scan# 3365
Delta R.T. -0.18 min
Lab File: VN051789.D
Acq: 10 Oct 2018 14:30

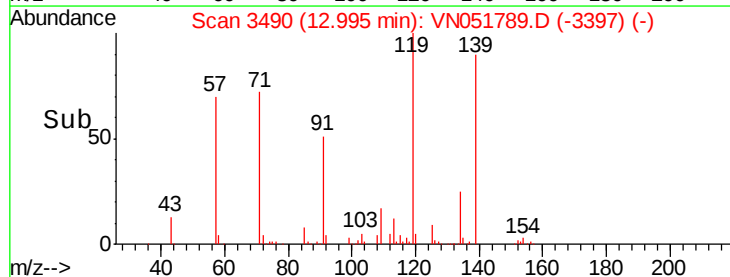
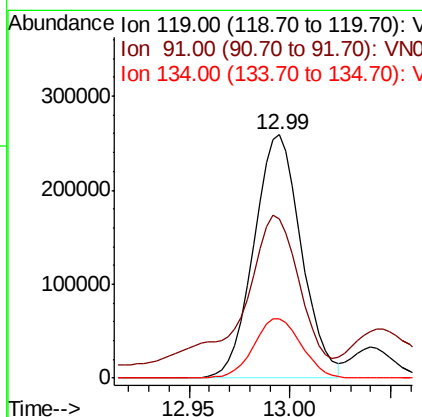
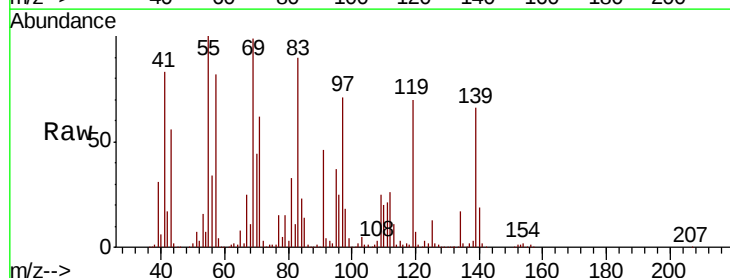
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-C(8-12)

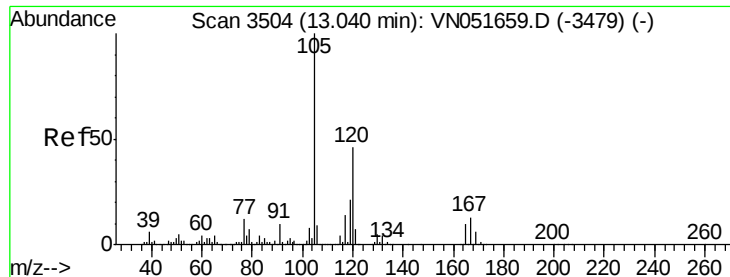
Tot Ion: 91 Resp: 7535030
Ion Ratio Lower Upper
91 100
126 0.0 18.0 54.0#



#83
tert-Butylbenzene
Concen: 8.358 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN051789.D
Acq: 10 Oct 2018 14:30

Tgt Ion: 119 Resp: 424016
Ion Ratio Lower Upper
119 100
91 69.6 32.1 96.5
134 24.7 13.3 39.9

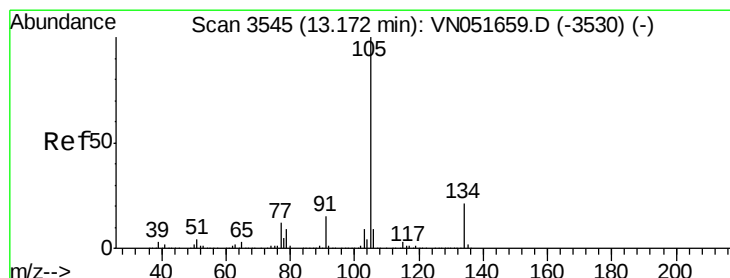
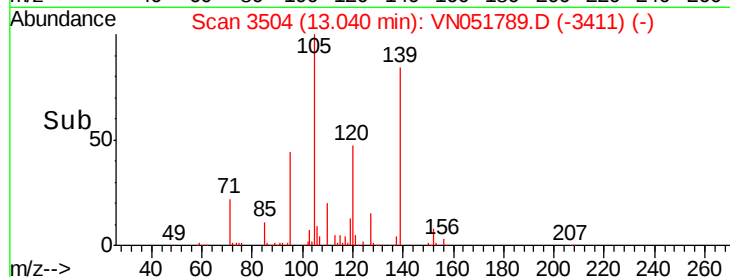
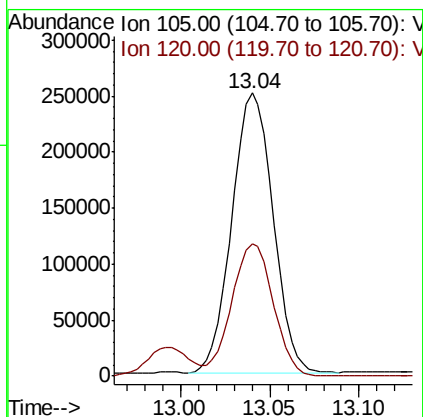
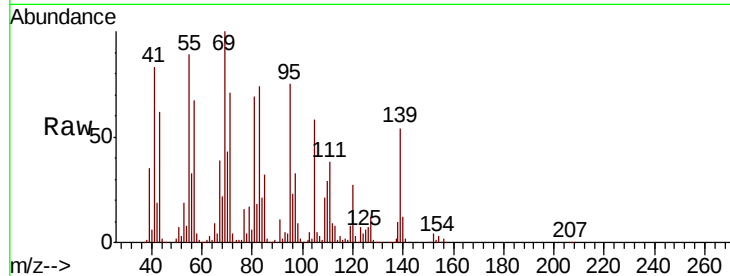




#84
 1,2,4-Trimethylbenzene
 Concen: 7.125 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN051789.D
 Acq: 10 Oct 2018 14:30

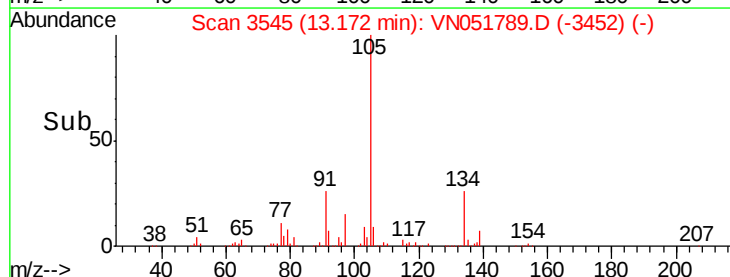
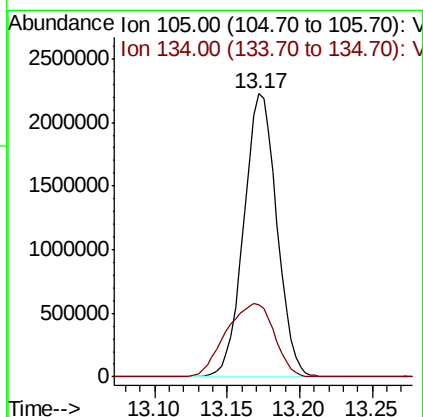
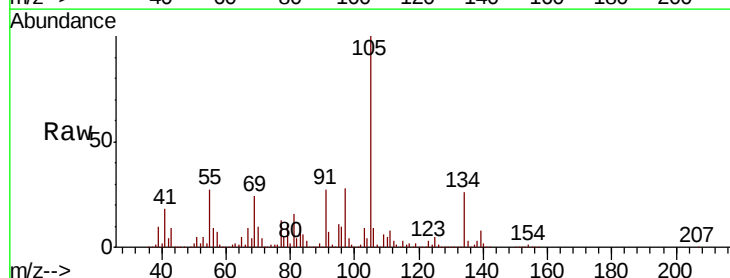
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-C(8-12)

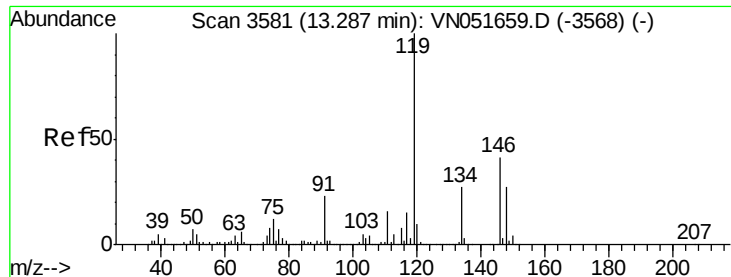
Tot Ion:105 Resp: 404097
 Ion Ratio Lower Upper
 105 100
 120 47.6 22.9 68.7



#85
 sec-Butylbenzene
 Concen: 52.361 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN051789.D
 Acq: 10 Oct 2018 14:30

Tgt Ion:105 Resp: 3513928
 Ion Ratio Lower Upper
 105 100
 134 37.9 10.5 31.6#





#86

p-Isopropyltoluene

Concen: 14.849 ug/l

RT: 13.44 min Scan# 3629

Delta R.T. 0.15 min

Lab File: VN051789.D

Acq: 10 Oct 2018 14:30

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-C(8-12)

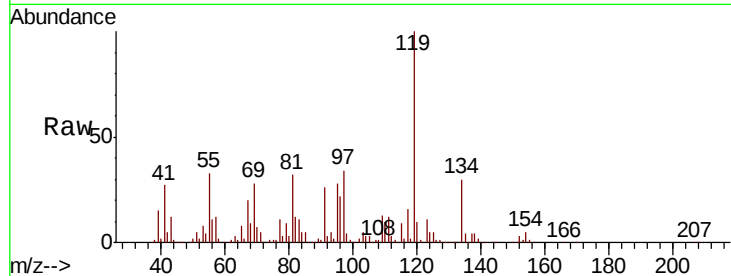
Tot Ion:119 Resp: 883420

Ion Ratio Lower Upper

119 100

134 29.6 13.4 40.2

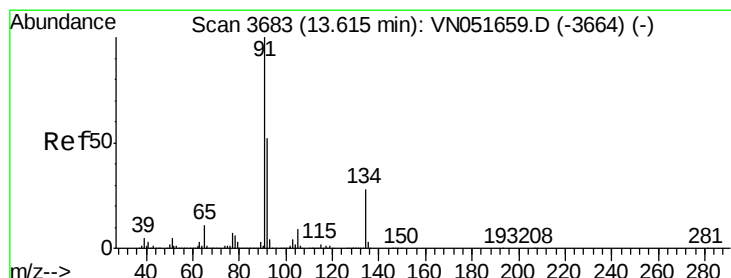
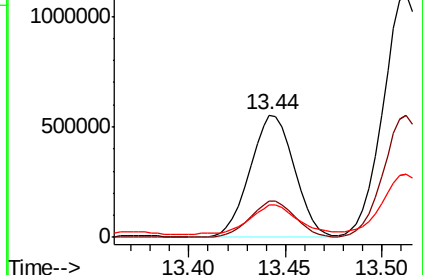
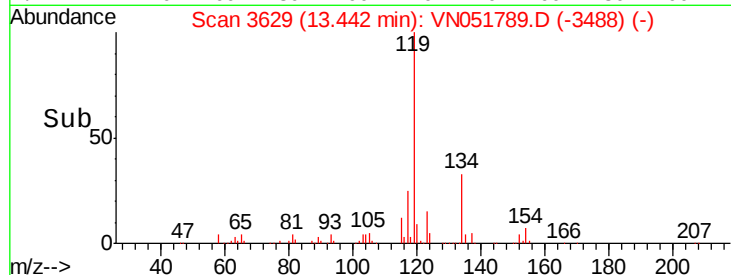
91 27.0 11.7 35.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#89

n-Butylbenzene

Concen: 44.847 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. -0.00 min

Lab File: VN051789.D

Acq: 10 Oct 2018 14:30

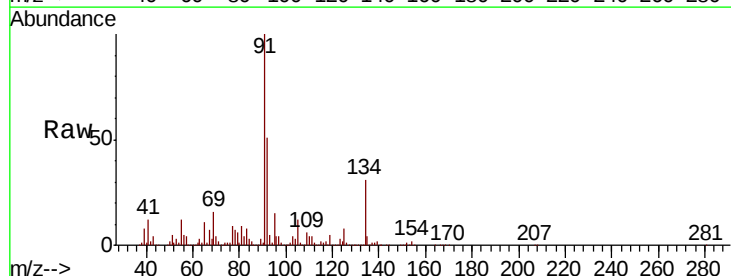
Tgt Ion: 91 Resp: 2109577

Ion Ratio Lower Upper

91 100

92 49.6 26.0 78.0

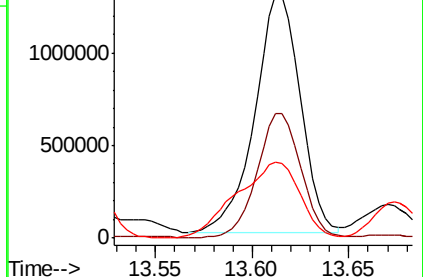
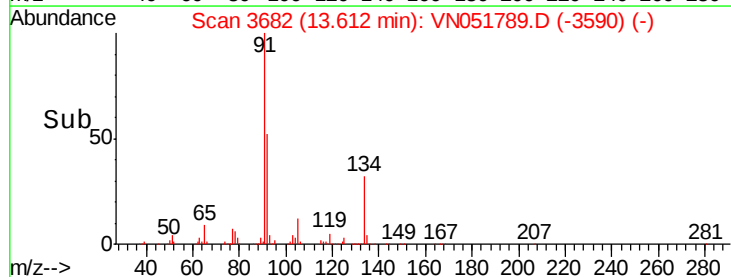
134 44.3 14.2 42.6#

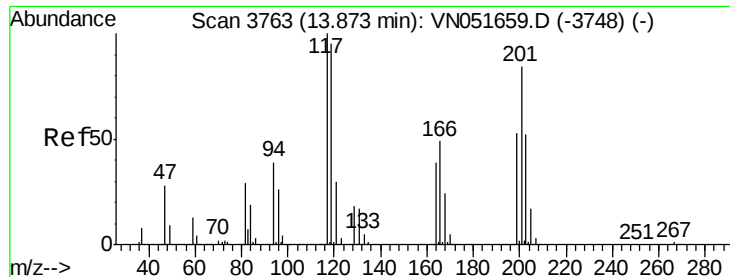


Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 35.927 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.02 min

Lab File: VN051789.D

Acq: 10 Oct 2018 14:30

Instrument :

MSVOA_N

ClientSampled :

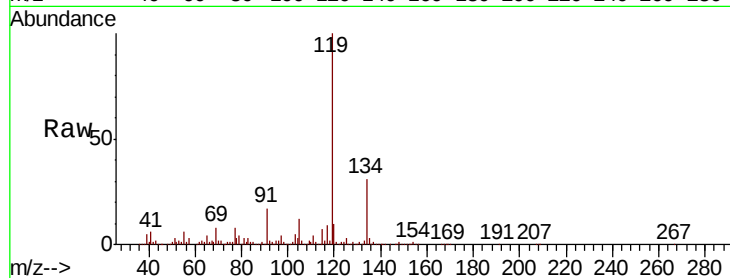
EP1-MW-C(8-12)

Tot Ion:117 Resp: 426448

Ion Ratio Lower Upper

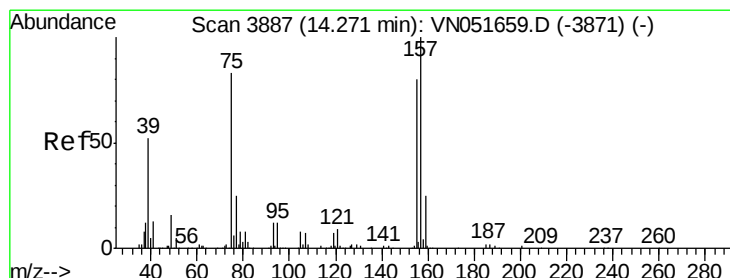
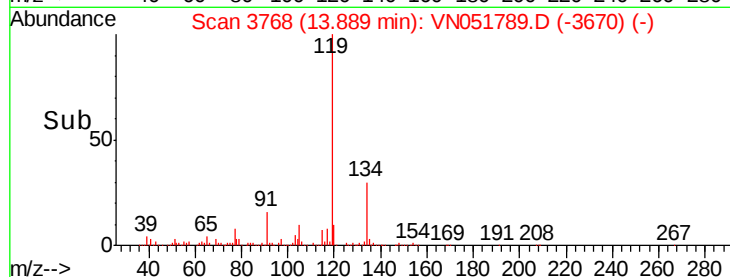
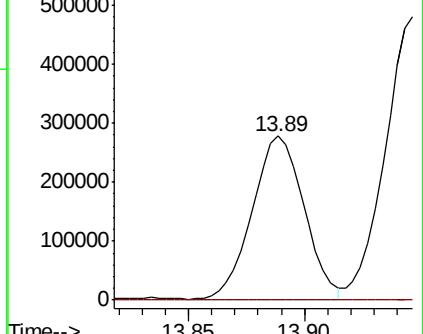
117 100

201 0.0 42.4 127.3#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.286 ug/l

RT: 14.29 min Scan# 3894

Delta R.T. 0.02 min

Lab File: VN051789.D

Acq: 10 Oct 2018 14:30

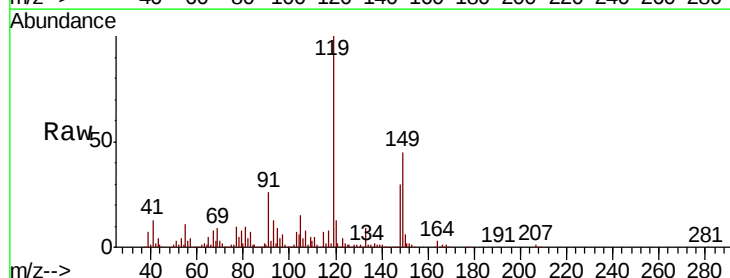
Tgt Ion: 75 Resp: 3034

Ion Ratio Lower Upper

75 100

155 0.0 47.6 142.9#

157 1.2 61.7 185.1#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

