

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101018\
 Data File : VN051787.D
 Acq On : 10 Oct 2018 13:41
 Operator : MD\SY
 Sample : J5165-18 10X
 Misc : 5.51g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 12 Sample Multiplier: 28

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

Quant Time: Oct 11 01:56:48 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	775244	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1112721	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1057153	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	651059	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	449006	43.84	ug/l	0.00
Spiked Amount			Recovery	=	87.68%	
35) Dibromofluoromethane	7.59	113	412108	47.90	ug/l	0.00
Spiked Amount			Recovery	=	95.80%	
50) Toluene-d8	10.09	98	1602582	49.93	ug/l	0.00
Spiked Amount			Recovery	=	99.86%	
62) 4-Bromofluorobenzene	12.40	95	691729	60.89	ug/l	0.00
Spiked Amount			Recovery	=	121.78%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	72	1.156	ug/l #	42
5) Bromomethane	2.55	94	3756	0.350	ug/l #	51
7) Trichlorofluoromethane	3.03	101	32	Below Cal	#	18
10) Methyl Iodide	3.97	142	63	2.344	ug/l #	41
13) Acrolein	3.61	56	67	Below Cal	#	14
16) Acetone	3.83	43	793	Below Cal		91
18) Methyl Acetate	4.33	43	5012	0.887	ug/l #	82
31) Cyclohexane	7.66	56	20211	1.454	ug/l #	52
36) 1,1-Dichloropropene	7.67	75	50375	4.331	ug/l #	49
38) Carbon Tetrachloride	7.67	117	70017	5.017	ug/l #	15
39) Methylcyclohexane	9.08	83	68905	4.720	ug/l	98
41) Methacrylonitrile	7.18	41	114	Below Cal	#	35
43) Isopropyl Acetate	8.25	43	45457	3.594	ug/l #	62
48) Methyl methacrylate	9.15	41	2185	0.378	ug/l #	28
51) 4-Methyl-2-Pentanone	10.09	43	14020	2.188	ug/l #	27
55) 1,1,2-Trichloroethane	10.53	97	69801	8.544	ug/l #	20
56) Ethyl methacrylate	10.43	69	27605	2.672	ug/l #	1
59) 2-Hexanone	10.72	43	212183	48.752	ug/l #	27
67) Ethyl Benzene	11.51	91	9520	0.210	ug/l	98
71) Bromoform	12.40	173	4574	0.587	ug/l #	1
73) Isopropylbenzene	12.25	105	2312221	41.663	ug/l	99
74) N-amyl acetate	12.05	43	818568	72.864	ug/l #	55
75) 1,1,2,2-Tetrachloroethane	12.47	83	108199	6.703	ug/l #	25
76) 1,2,3-Trichloropropane	12.59	75	37847	0.626	ug/l #	100
78) n-propylbenzene	12.59	91	6474225	106.953	ug/l	100
79) 2-Chlorotoluene	12.59	91	6474225	181.475	ug/l #	38
80) 1,3,5-Trimethylbenzene	12.59	105	243070	5.197	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.25	75	25905	7.314	ug/l #	44
82) 4-Chlorotoluene	12.59	91	6479393	180.792	ug/l #	39
83) tert-Butylbenzene	12.99	119	453230	10.815	ug/l	98
84) 1,2,4-Trimethylbenzene	13.17	105	3591107	76.654	ug/l #	31
85) sec-Butylbenzene	13.17	105	3591107	64.779	ug/l #	74
86) p-Isopropyltoluene	13.45	119	734205	14.940	ug/l	95
89) n-Butylbenzene	13.62	91	2894983	74.503	ug/l	90

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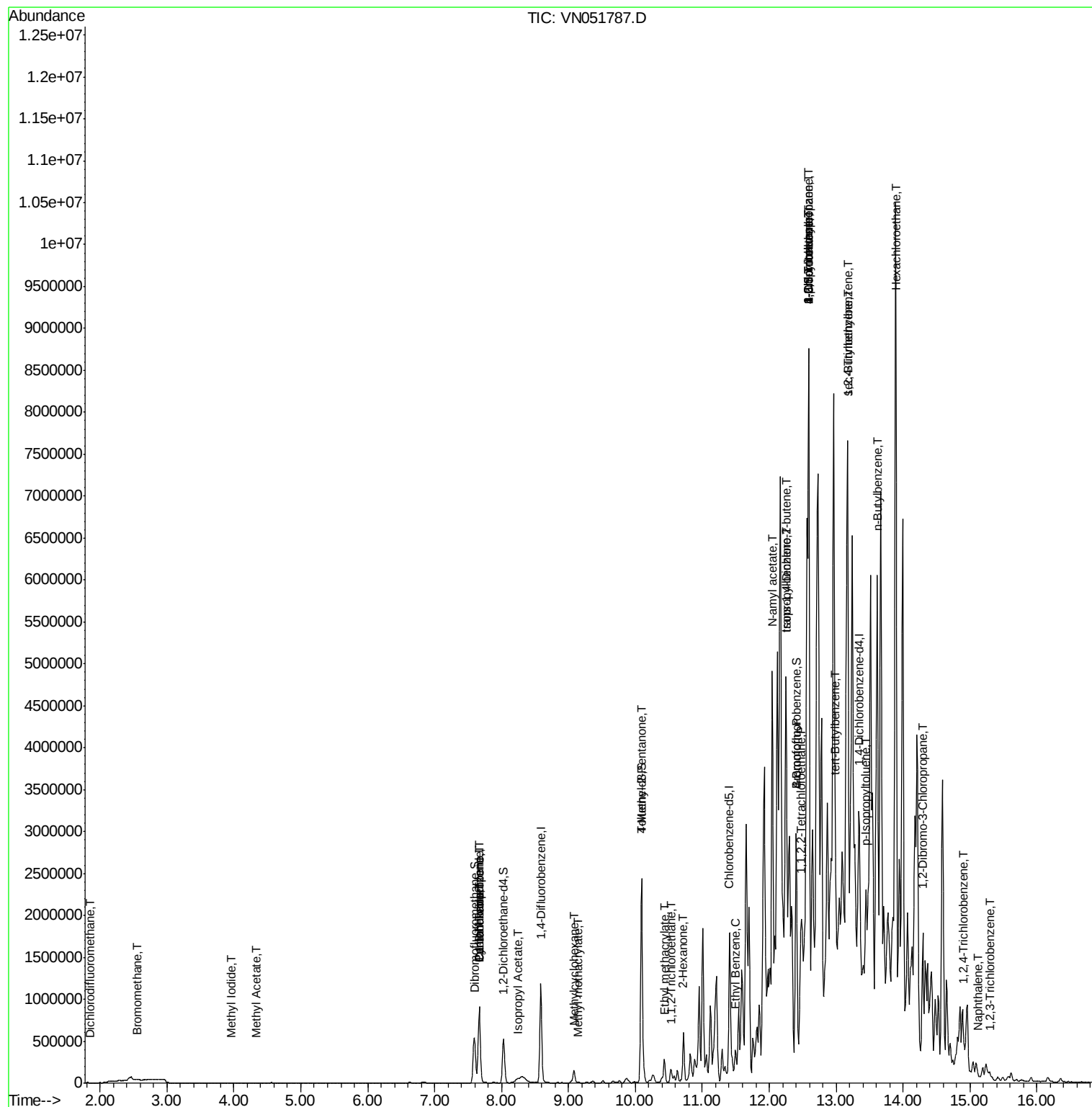
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	13.89	117	514260	52.447	ug/l #	7
92) 1,2-Dibromo-3-Chloropropan	14.29	75	4291	2.201	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.91	180	3590	0.343	ug/l #	1
95) Naphthalene	15.13	128	6756	0.299	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.32	180	3340	0.324	ug/l #	85

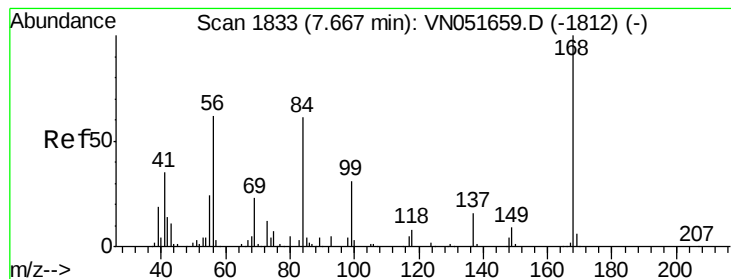
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN051787.D

Acq: 10 Oct 2018 13:41

Instrument :

MSVOA_N

ClientSampleId :

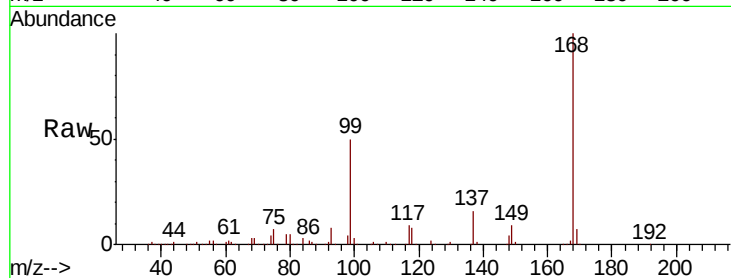
EP1-MW-A(8-12)

Tot Ion:168 Resp: 775244

Ion Ratio Lower Upper

168 100

99 49.9 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

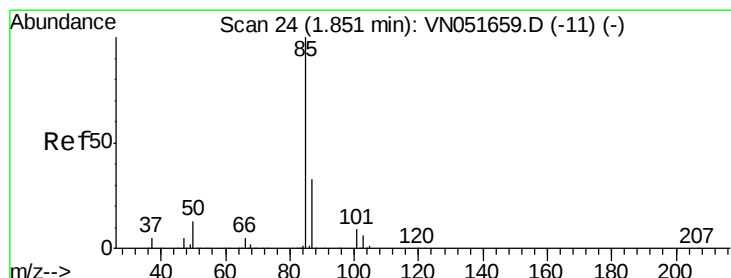
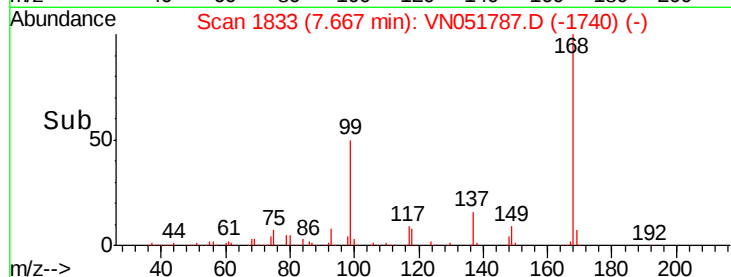
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 1.156 ug/l

RT: 1.85 min Scan# 23

Delta R.T. -0.00 min

Lab File: VN051787.D

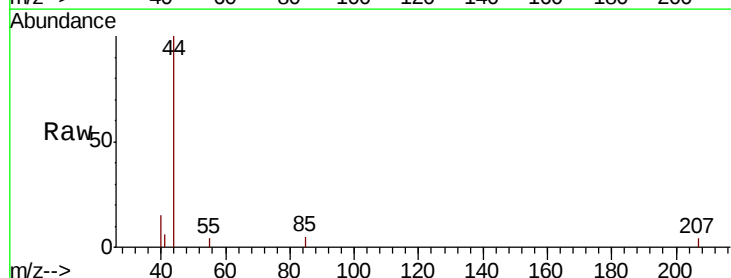
Acq: 10 Oct 2018 13:41

Tgt Ion: 85 Resp: 72

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

200

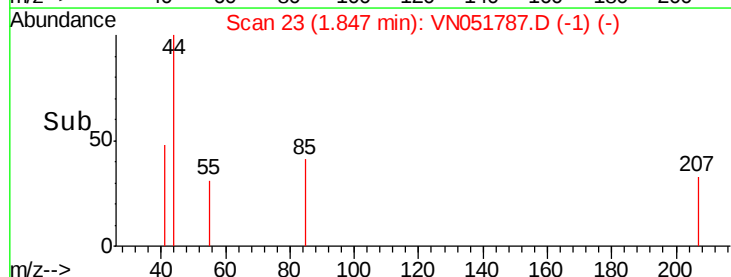
150

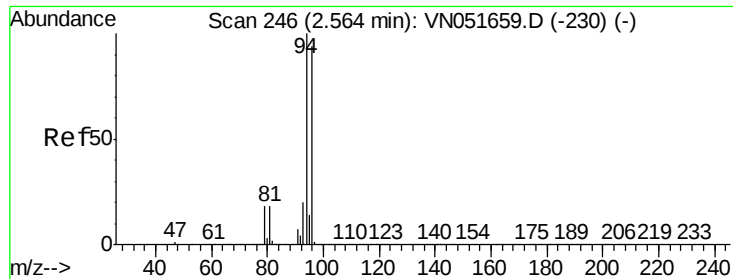
100

50

0

Time-->





#5

Bromomethane

Concen: 0.350 ug/l

RT: 2.55 min Scan# 243

Delta R.T. -0.01 min

Lab File: VN051787.D

Acq: 10 Oct 2018 13:41

Instrument :

MSVOA_N

ClientSampled :

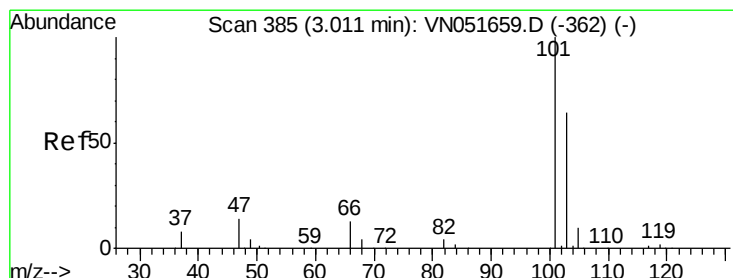
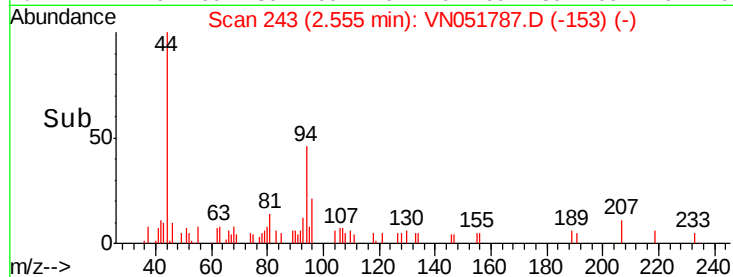
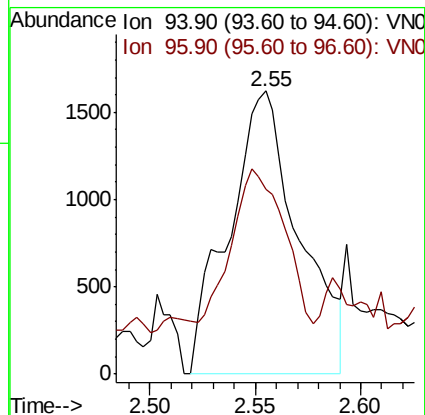
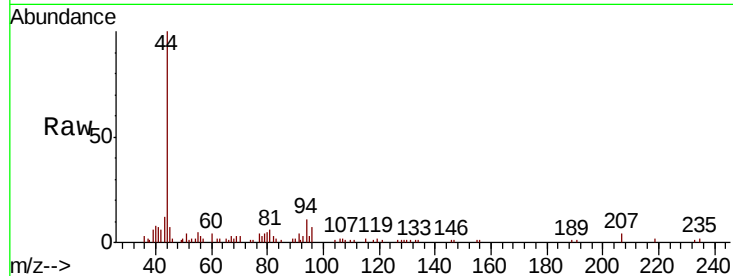
EP1-MW-A(8-12)

Tot Ion: 94 Resp: 3756

Ion Ratio Lower Upper

94 100

96 47.0 75.2 112.8#



#7

Trichlorofluoromethane

Concen: Below Cal

RT: 3.03 min Scan# 391

Delta R.T. 0.02 min

Lab File: VN051787.D

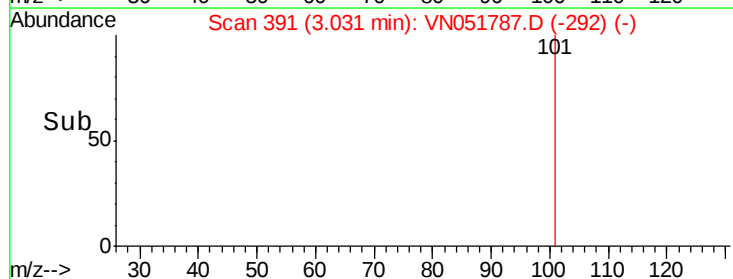
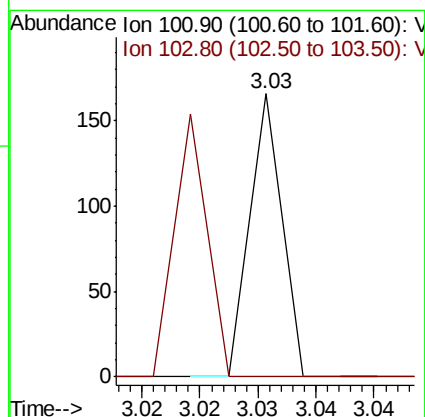
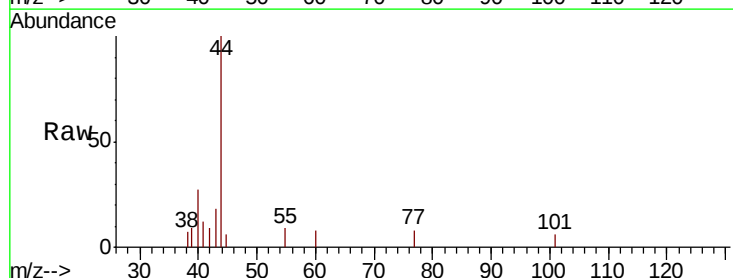
Acq: 10 Oct 2018 13:41

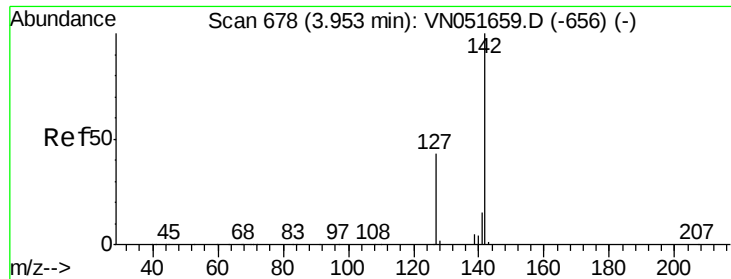
Tgt Ion: 101 Resp: 32

Ion Ratio Lower Upper

101 100

103 0.0 51.1 76.7#

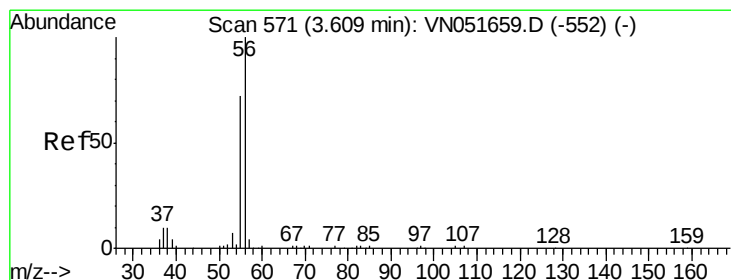
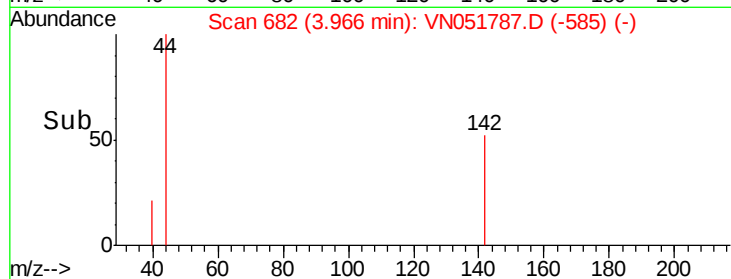
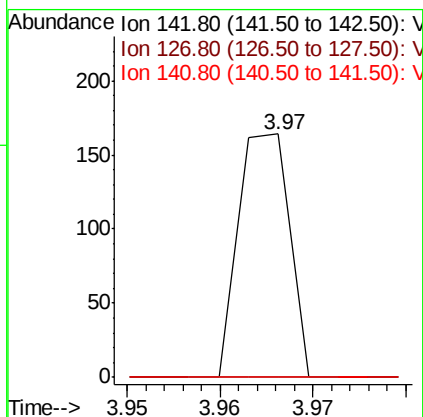
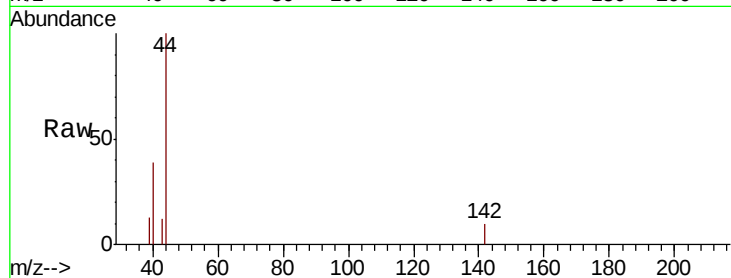




#10
Methvl Iodide
Concen: 2.344 ug/l
RT: 3.97 min Scan# 682
Delta R.T. 0.01 min
Lab File: VN051787.D
Acq: 10 Oct 2018 13:41

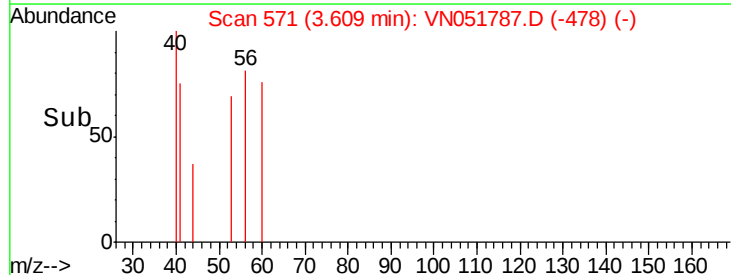
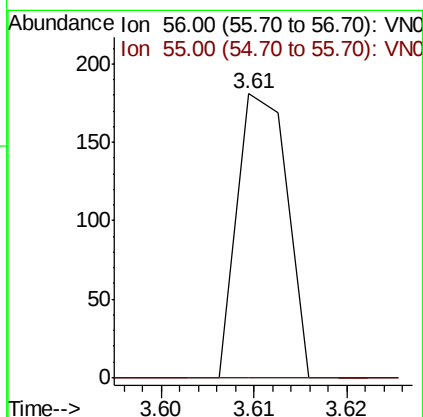
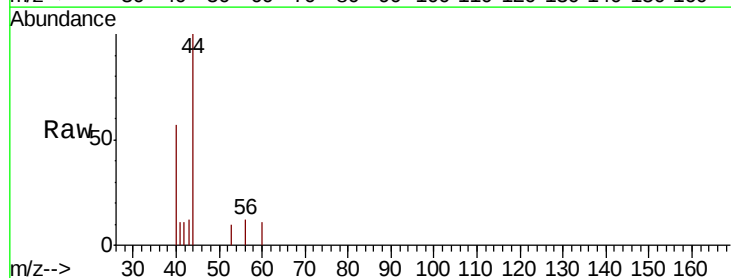
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-A(8-12)

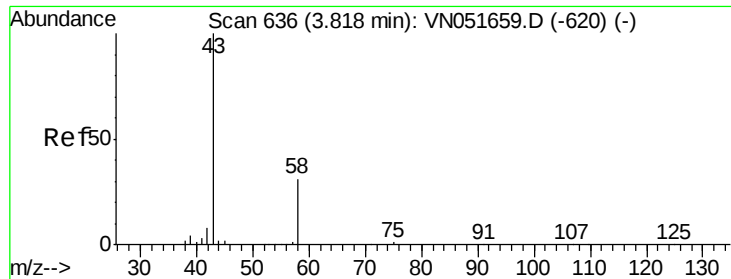
Tot Ion:142 Resp: 63
Ion Ratio Lower Upper
142 100
127 0.0 34.7 52.1#
141 0.0 11.4 17.2#



#13
Acrolein
Concen: Below Cal
RT: 3.61 min Scan# 571
Delta R.T. 0.00 min
Lab File: VN051787.D
Acq: 10 Oct 2018 13:41

Tgt Ion: 56 Resp: 67
Ion Ratio Lower Upper
56 100
55 0.0 57.5 86.3#





#16

Acetone

Concen: Below Cal

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN051787.D

Acq: 10 Oct 2018 13:41

Instrument :

MSVOA_N

ClientSampleId :

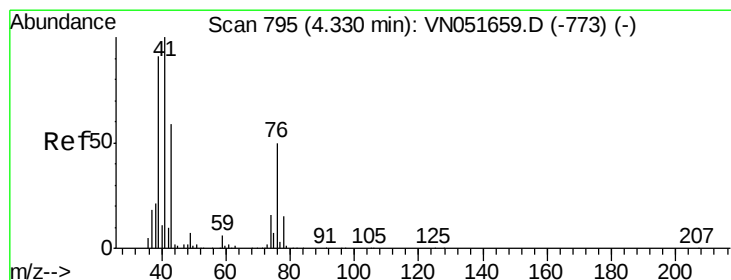
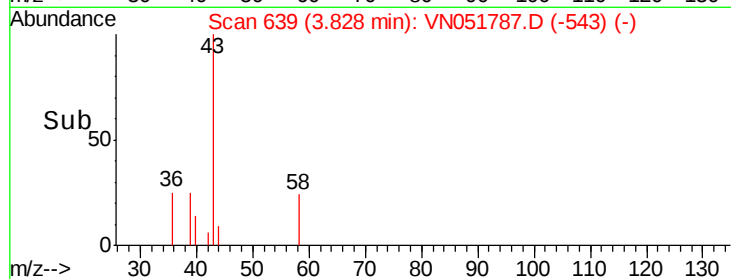
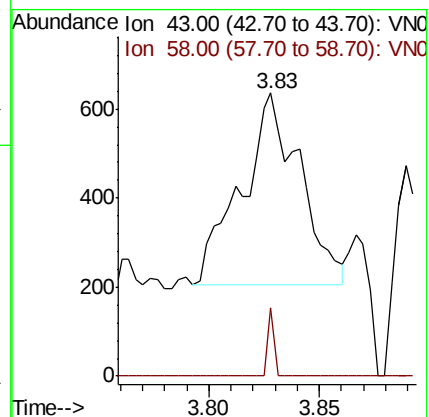
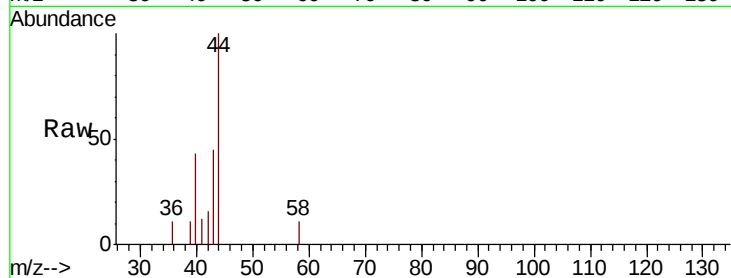
EP1-MW-A(8-12)

Tot Ion: 43 Resp: 793

Ion Ratio Lower Upper

43 100

58 35.5 24.3 36.5



#18

Methyl Acetate

Concen: 0.887 ug/l

RT: 4.33 min Scan# 796

Delta R.T. 0.00 min

Lab File: VN051787.D

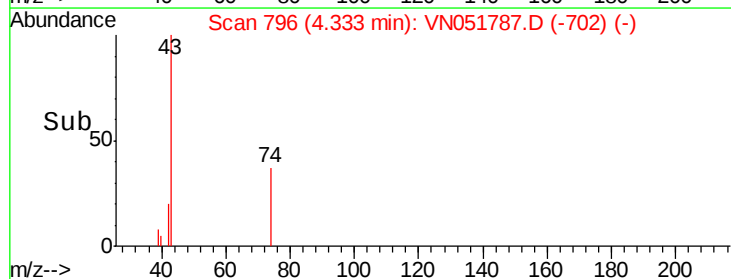
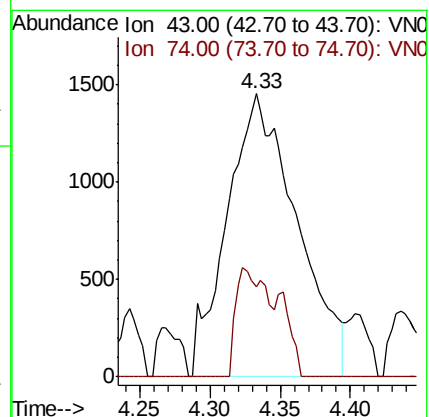
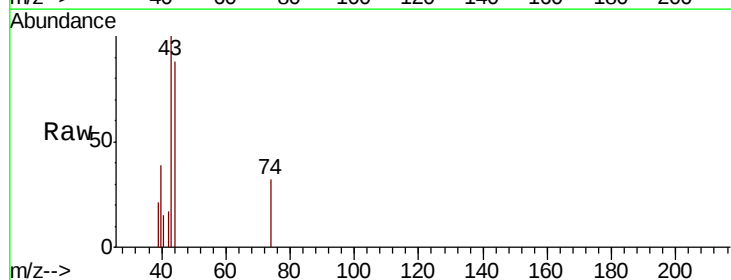
Acq: 10 Oct 2018 13:41

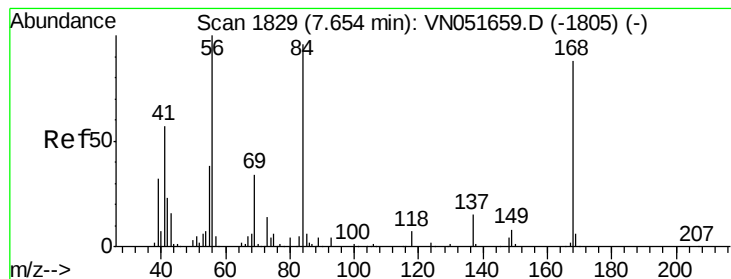
Tgt Ion: 43 Resp: 5012

Ion Ratio Lower Upper

43 100

74 17.4 21.5 32.3#





#31

Cyclohexane

Concen: 1.454 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN051787.D

Acq: 10 Oct 2018 13:41

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-A(8-12)

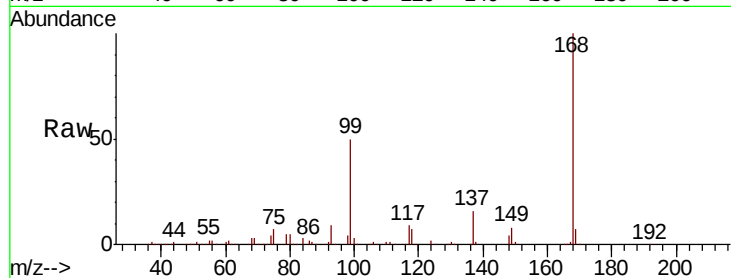
Tot Ion: 56 Resp: 20211

Ion Ratio Lower Upper

56 100

69 123.4 27.5 41.3#

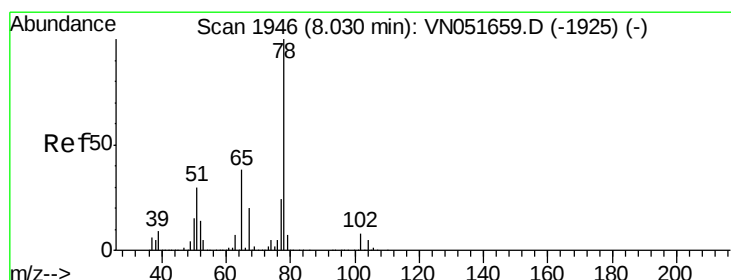
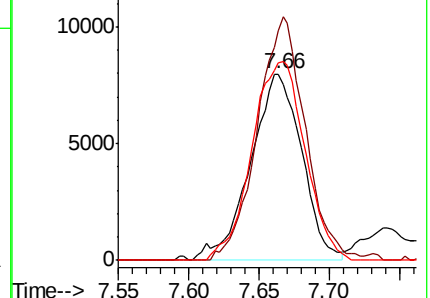
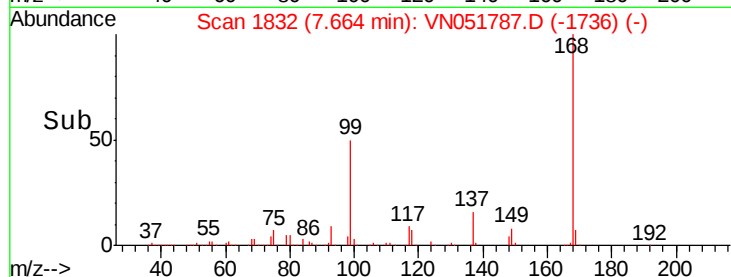
84 106.1 76.7 115.1



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: N.D. ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN051787.D

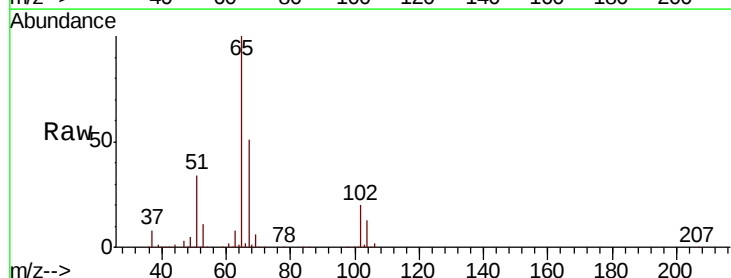
Acq: 10 Oct 2018 13:41

Tgt Ion: 65 Resp: 449006

Ion Ratio Lower Upper

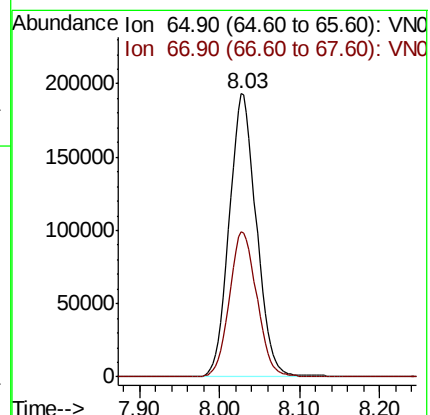
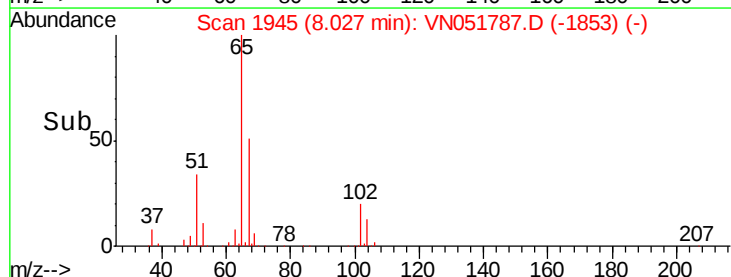
65 100

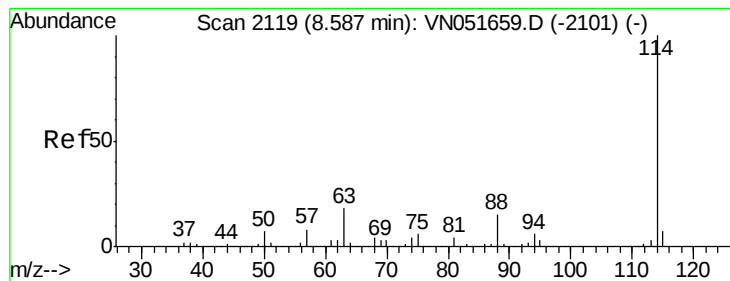
67 51.8 0.0 103.6



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: VN051787.D

Acq: 10 Oct 2018 13:41

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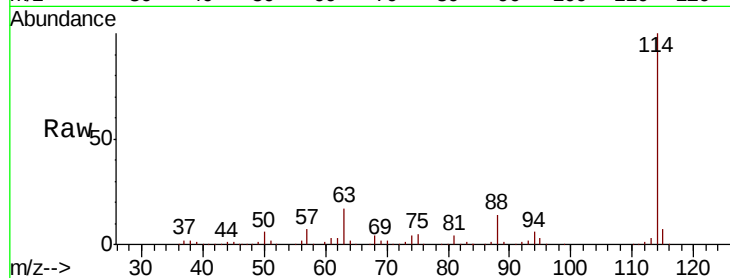
Tot Ion:114 Resp: 1112721

Ion Ratio Lower Upper

114 100

63 17.3 0.0 36.2

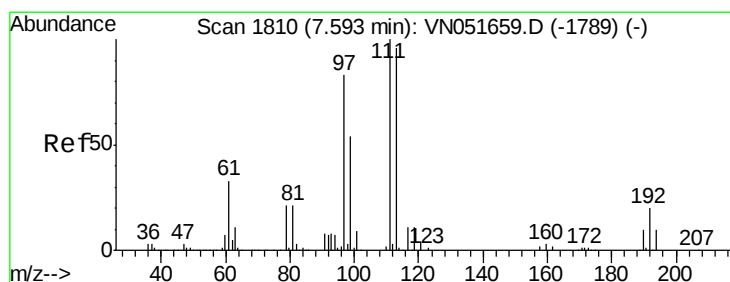
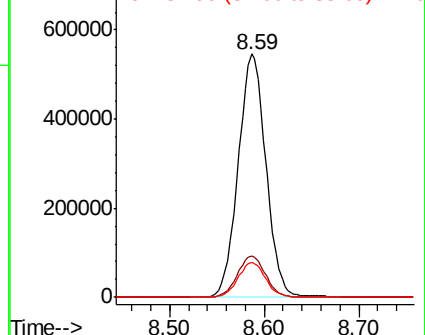
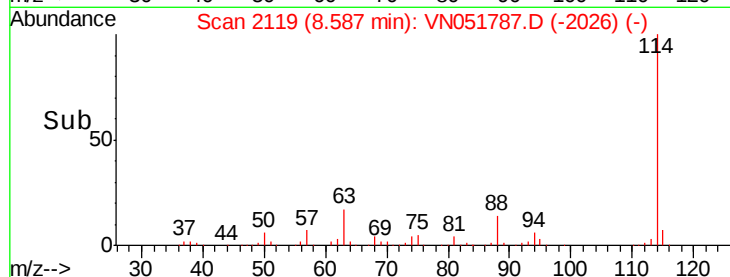
88 14.3 0.0 30.2



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: VN051787.D

Acq: 10 Oct 2018 13:41

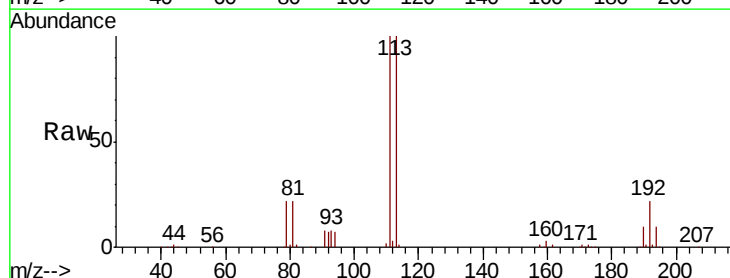
Tgt Ion:113 Resp: 412108

Ion Ratio Lower Upper

113 100

111 101.6 81.8 122.8

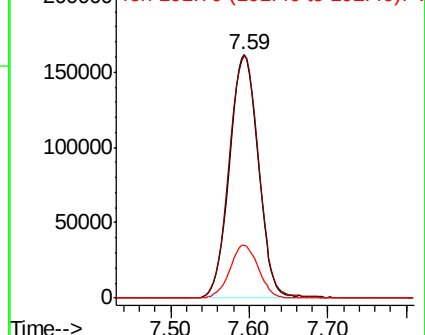
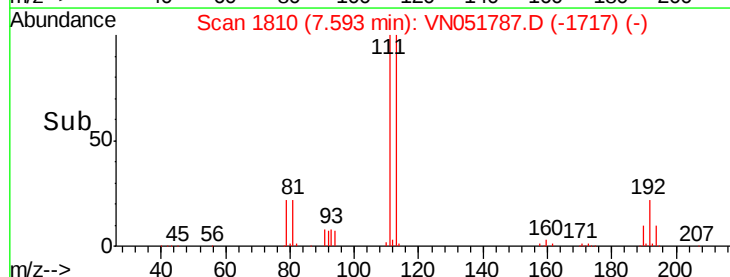
192 21.5 16.5 24.7

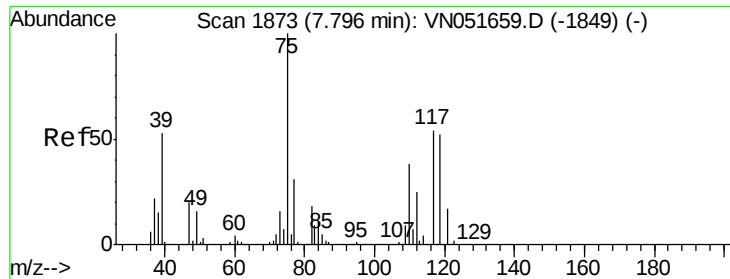


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

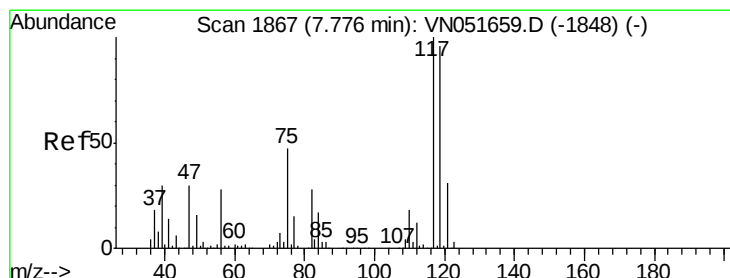
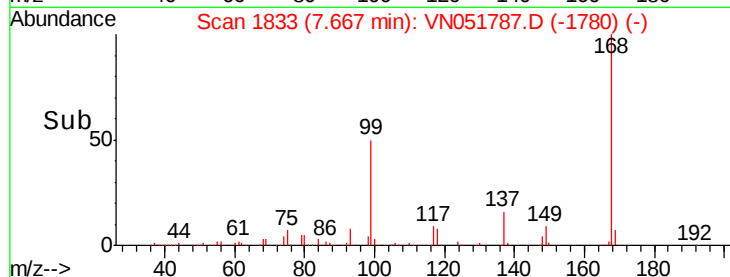
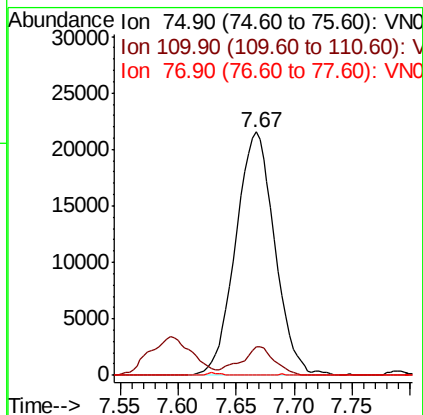
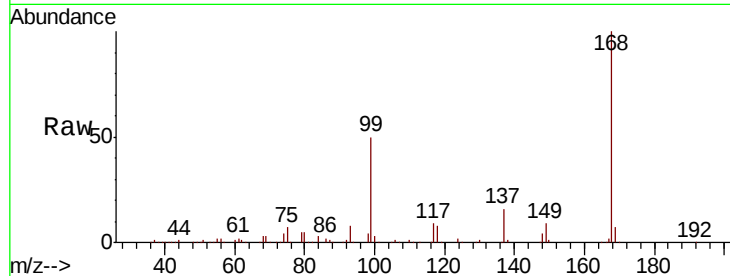




#36
 1,1-Dichloropropene
 Concen: 4.331 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN051787.D
 Acq: 10 Oct 2018 13:41

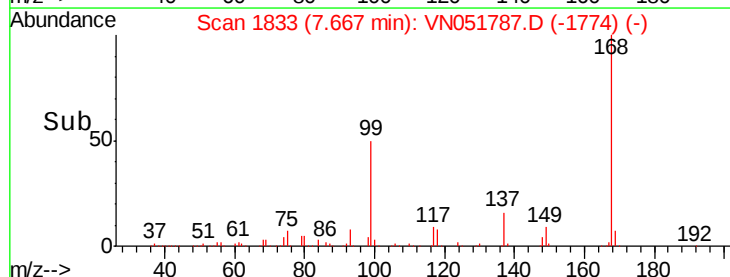
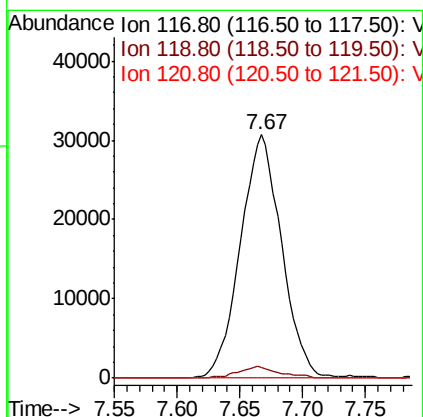
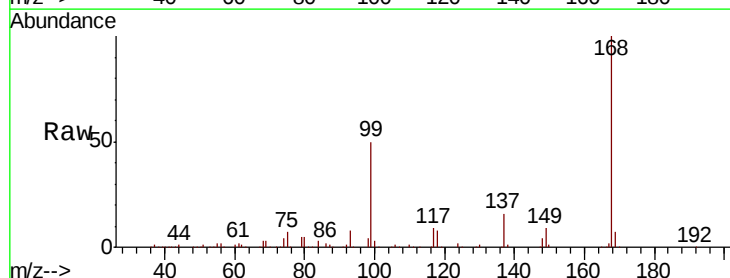
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-A(8-12)

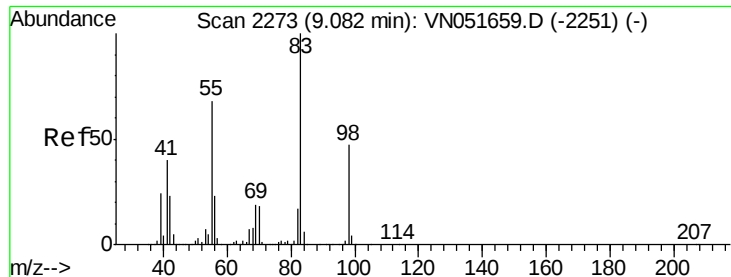
Tot Ion	75	Resp	50375
Ion Ratio	100	Lower	Upper
75	100		
110	10.1	19.3	57.8#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 5.017 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.11 min
 Lab File: VN051787.D
 Acq: 10 Oct 2018 13:41

Tgt Ion	117	Resp	70017
Ion Ratio	100	Lower	Upper
117	100		
119	4.6	77.0	115.6#
121	0.0	25.0	37.6#

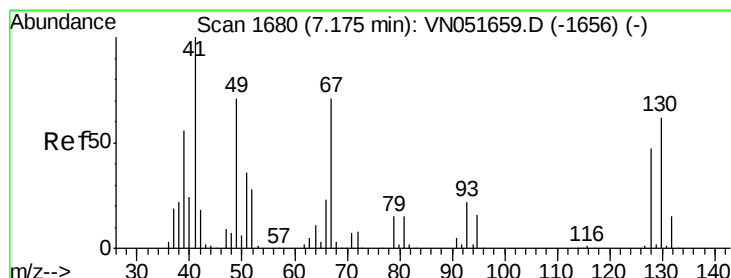
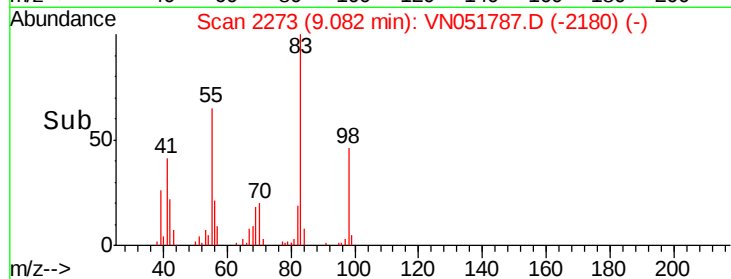
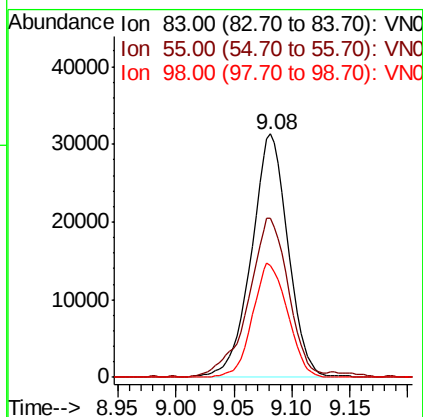
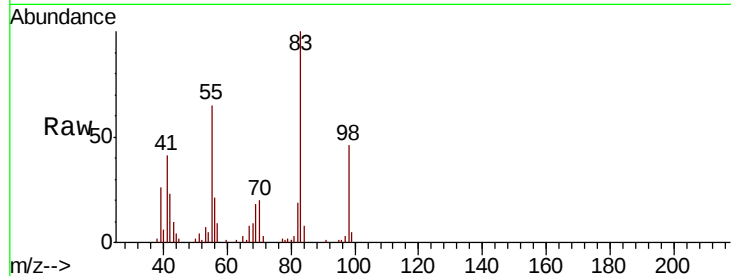




#39
Methvlcvclohexane
Concen: 4.720 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN051787.D
Acq: 10 Oct 2018 13:41

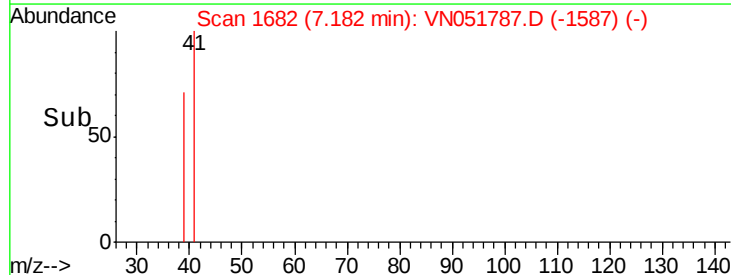
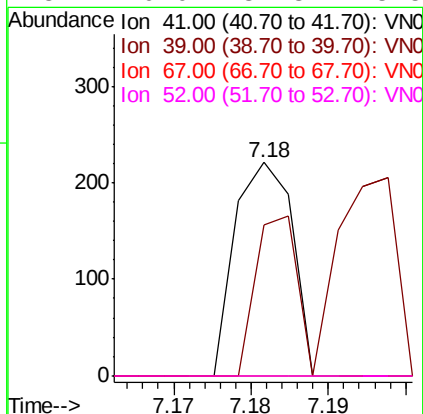
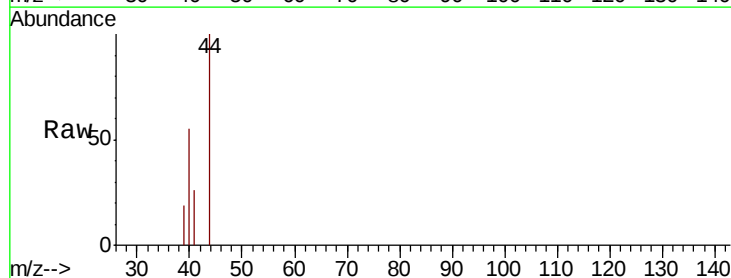
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-A(8-12)

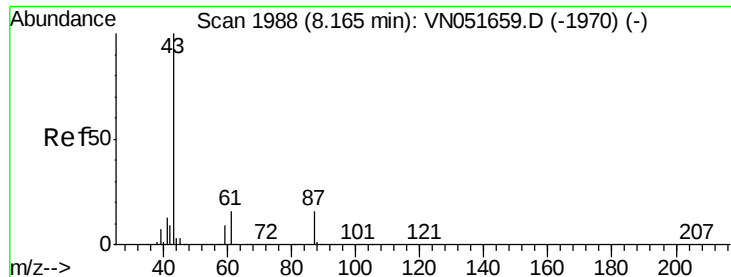
Tot Ion: 83 Resp: 68905
Ion Ratio Lower Upper
83 100
55 65.4 54.3 81.5
98 45.9 37.4 56.2



#41
Methacrylonitrile
Concen: Below Cal
RT: 7.18 min Scan# 1682
Delta R.T. 0.01 min
Lab File: VN051787.D
Acq: 10 Oct 2018 13:41

Tgt Ion: 41 Resp: 114
Ion Ratio Lower Upper
41 100
39 54.4 53.9 80.9
67 0.0 78.1 117.1#
52 0.0 32.3 48.5#





#43

Isopropyl Acetate

Concen: 3.594 ug/l

RT: 8.25 min Scan# 2013

Delta R.T. 0.08 min

Lab File: VN051787.D

Acq: 10 Oct 2018 13:41

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-A(8-12)

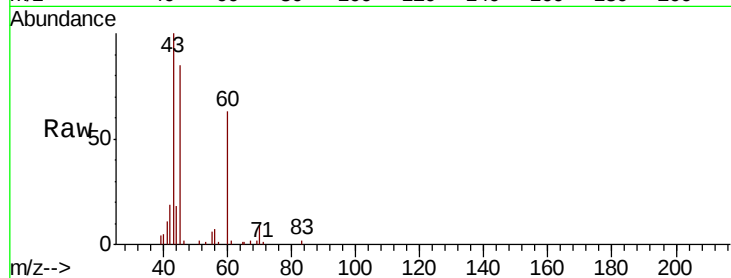
Tot Ion: 43 Resp: 45457

Ion Ratio Lower Upper

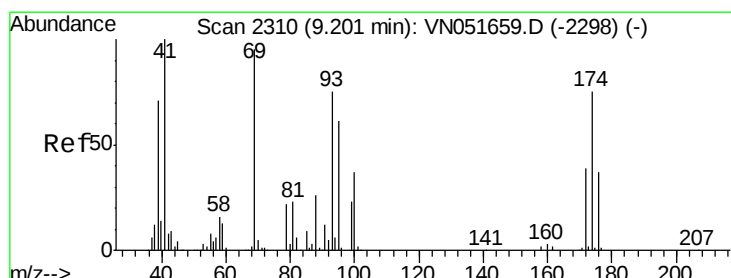
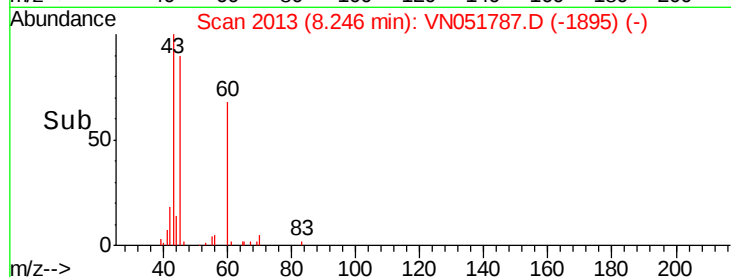
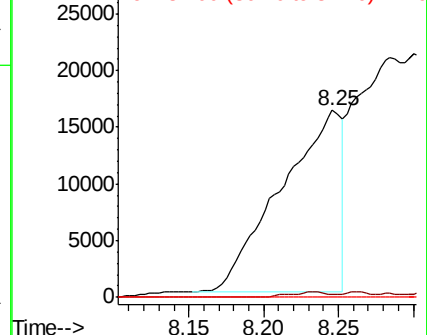
43 100

61 1.8 15.8 23.6#

87 0.0 12.6 19.0#



Abundance Ion 43.00 (42.70 to 43.70): VNC
Ion 61.00 (60.70 to 61.70): VNC
Ion 87.00 (86.70 to 87.70): VNC



#48

Methyl methacrylate

Concen: 0.378 ug/l

RT: 9.15 min Scan# 2293

Delta R.T. -0.05 min

Lab File: VN051787.D

Acq: 10 Oct 2018 13:41

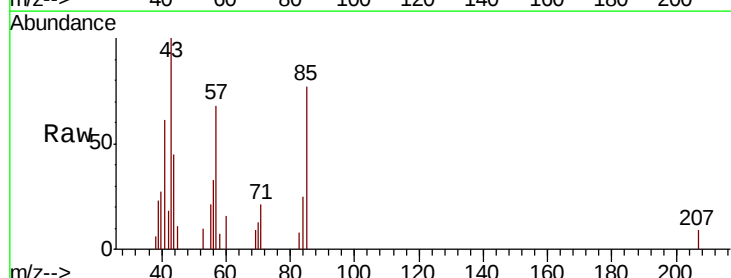
Tgt Ion: 41 Resp: 2185

Ion Ratio Lower Upper

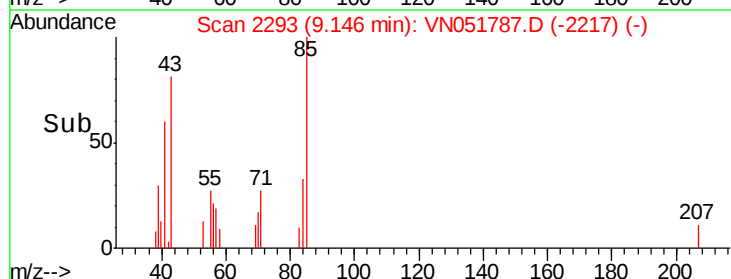
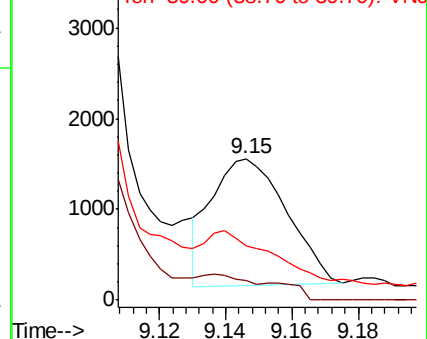
41 100

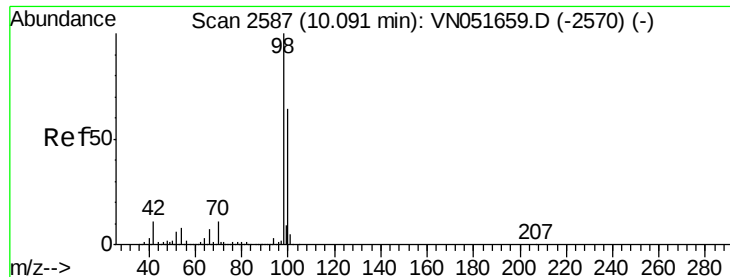
69 0.0 78.6 118.0#

39 43.2 59.2 88.8#



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





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051787.D

Acq: 10 Oct 2018 13:41

Instrument :

MSVOA_N

ClientSampleId :

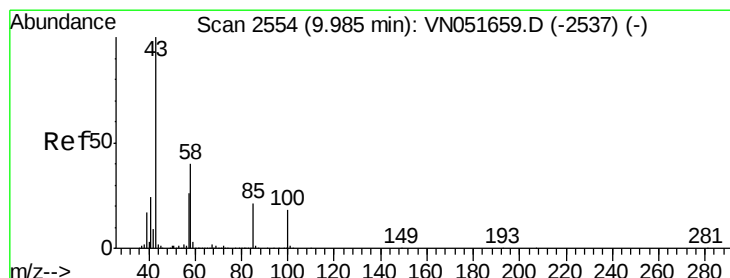
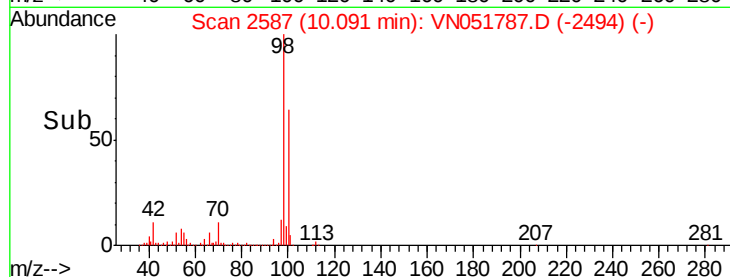
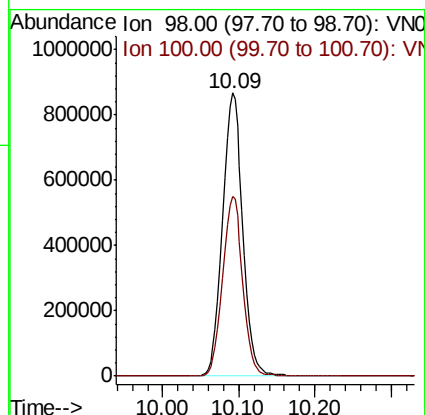
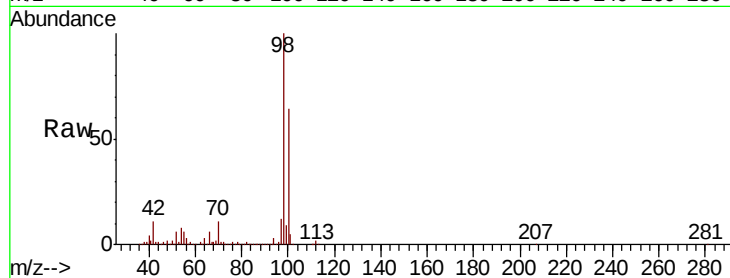
EP1-MW-A(8-12)

Tot Ion: 98 Resp: 1602582

Ion Ratio Lower Upper

98 100

100 63.2 51.5 77.3



#51

4-Methyl-2-Pentanone

Concen: 2.188 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.11 min

Lab File: VN051787.D

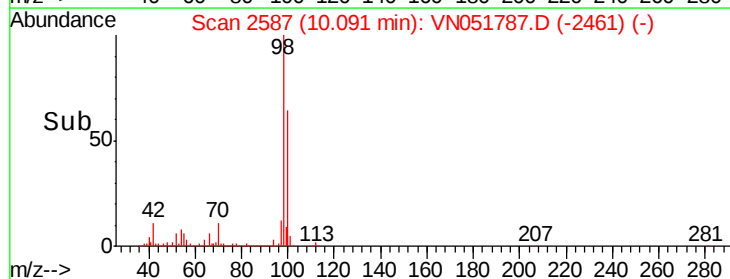
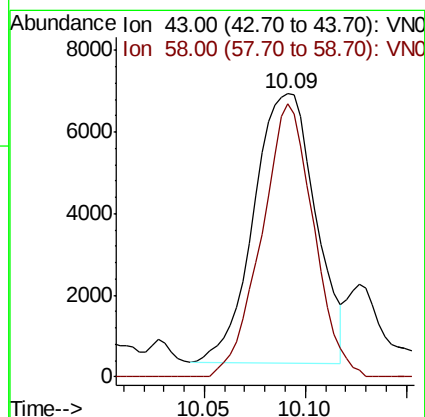
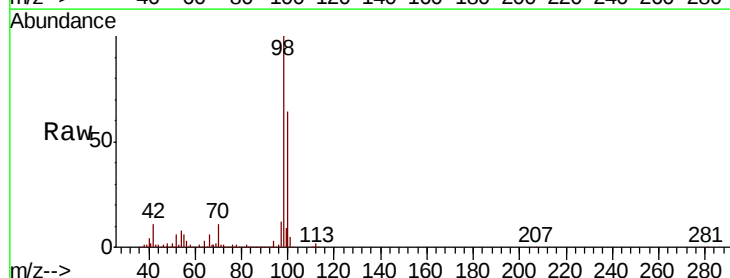
Acq: 10 Oct 2018 13:41

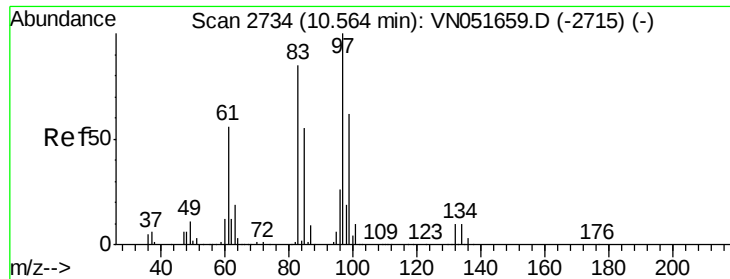
Tgt Ion: 43 Resp: 14020

Ion Ratio Lower Upper

43 100

58 85.6 32.2 48.2#





#55

1,1,2-Trichloroethane

Concen: 8.544 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.03 min

Lab File: VN051787.D

Acq: 10 Oct 2018 13:41

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-A(8-12)

Tot Ion: 97 Resp: 69801

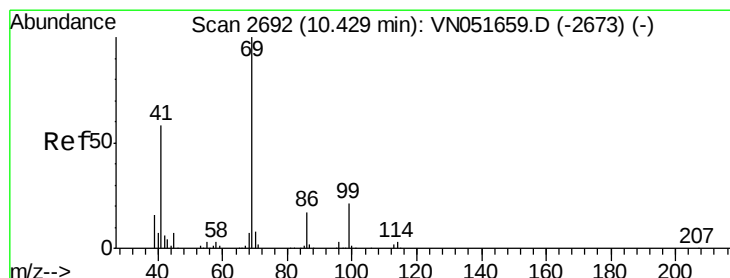
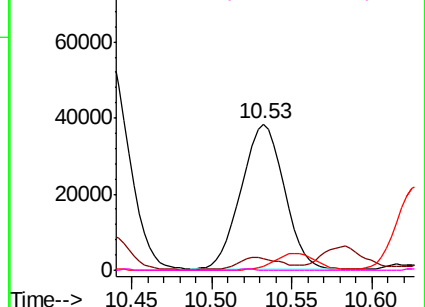
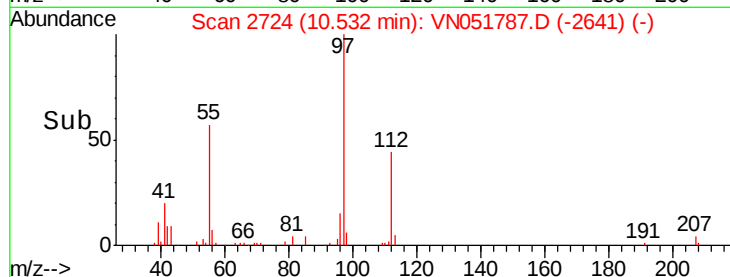
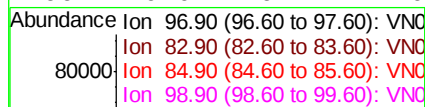
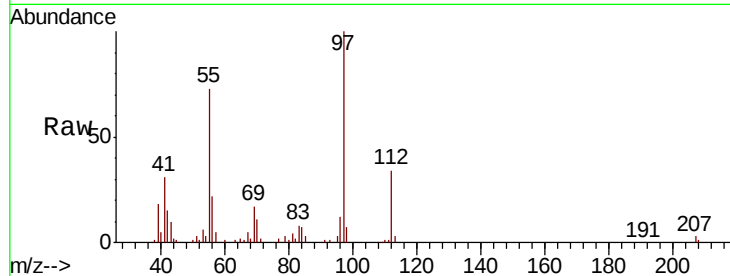
Ion Ratio Lower Upper

97 100

83 8.0 68.1 102.1#

85 2.9 43.6 65.4#

99 0.0 49.4 74.0#



#56

Ethyl methacrylate

Concen: 2.672 ug/l

RT: 10.43 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN051787.D

Acq: 10 Oct 2018 13:41

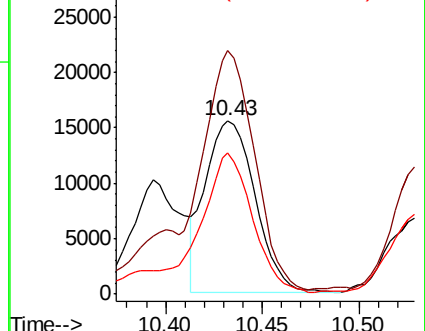
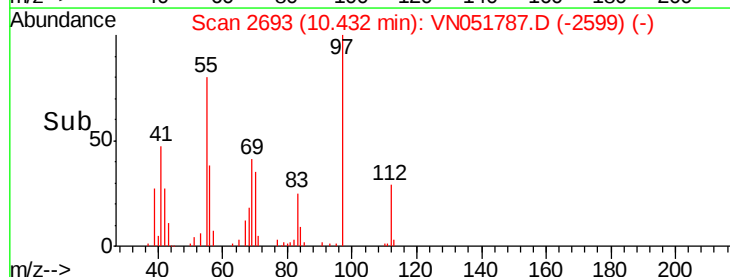
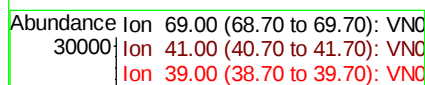
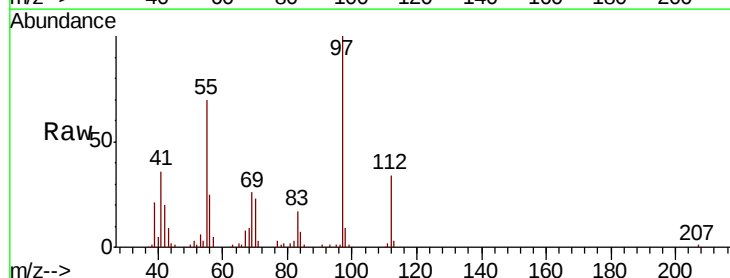
Tgt Ion: 69 Resp: 27605

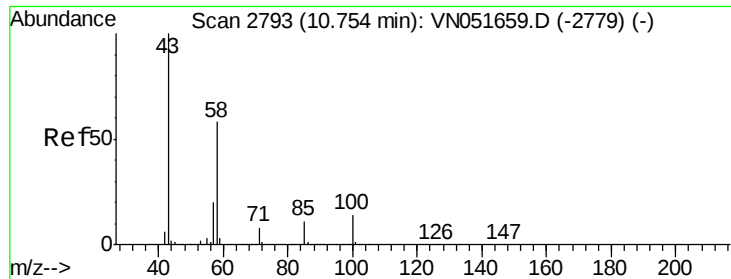
Ion Ratio Lower Upper

69 100

41 142.8 46.4 69.6#

39 95.1 32.4 48.6#

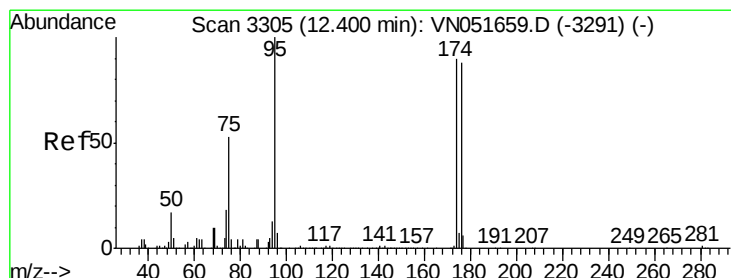
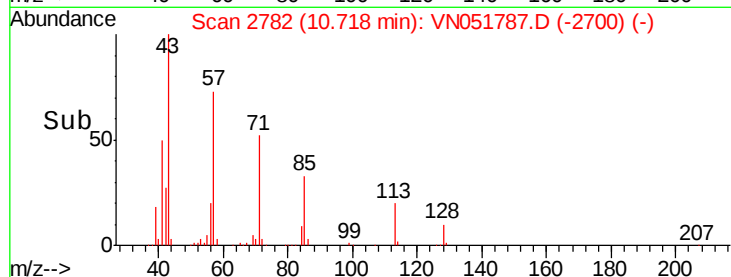
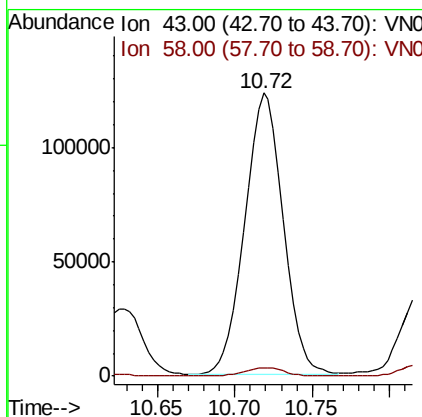
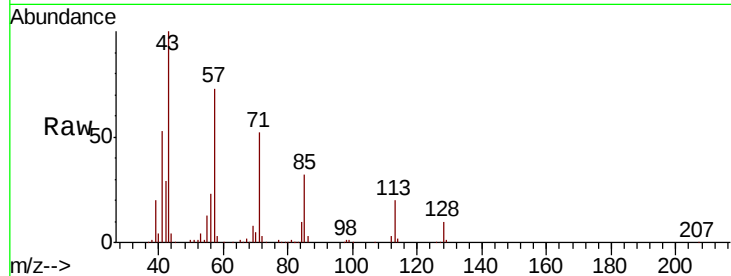




#59
2-Hexanone
Concen: 48.752 ug/l
RT: 10.72 min Scan# 2782
Delta R.T. -0.04 min
Lab File: VN051787.D
Acq: 10 Oct 2018 13:41

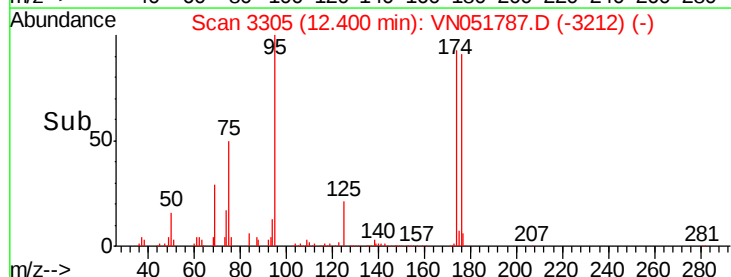
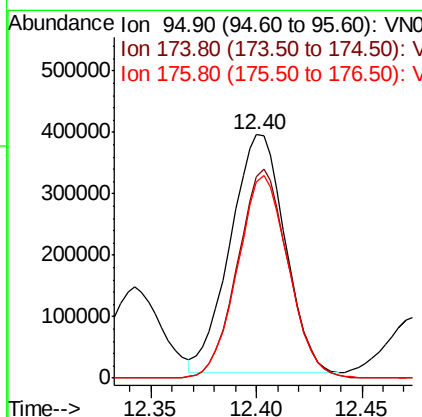
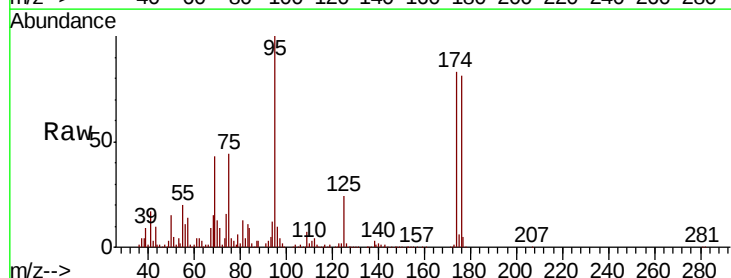
Instrument :
MSVOA_N
ClientSampled :
EP1-MW-A(8-12)

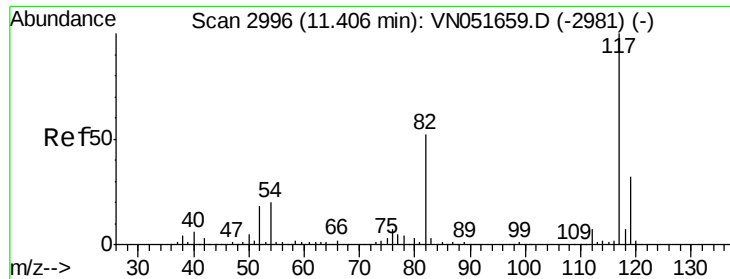
Tot Ion: 43 Resp: 212183
Ion Ratio Lower Upper
43 100
58 3.3 28.8 86.4#



#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN051787.D
Acq: 10 Oct 2018 13:41

Tgt Ion: 95 Resp: 691729
Ion Ratio Lower Upper
95 100
174 82.1 0.0 182.8
176 80.1 0.0 176.4

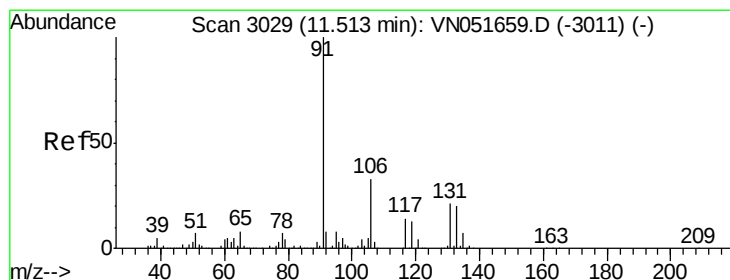
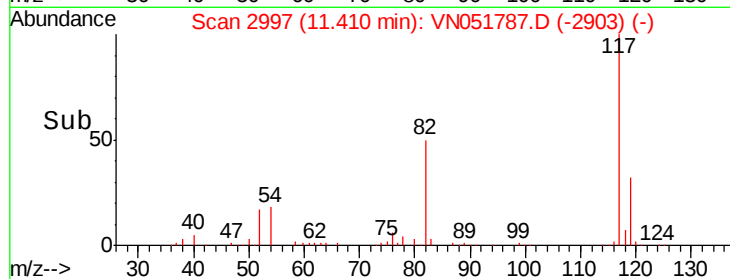
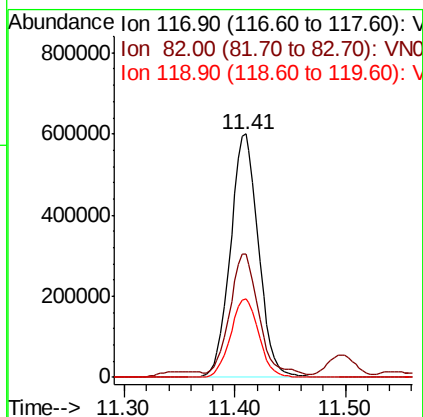
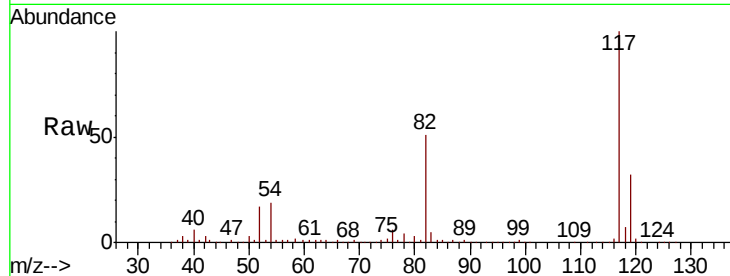




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051787.D
Acq: 10 Oct 2018 13:41

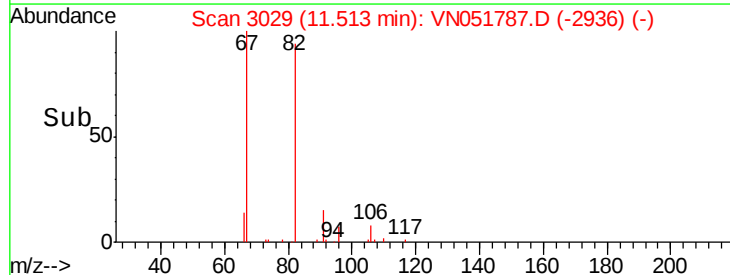
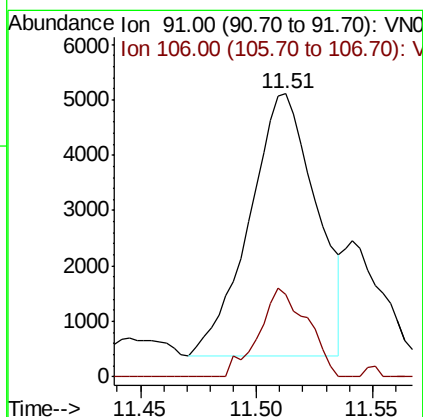
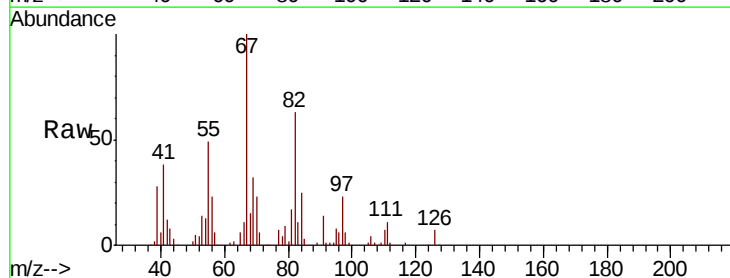
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-A(8-12)

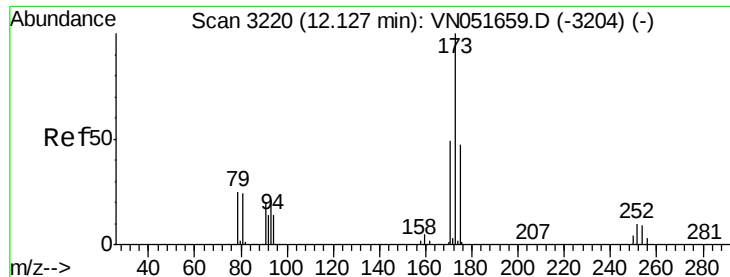
Tot Ion:117 Resp: 1057153
Ion Ratio Lower Upper
117 100
82 48.3 41.3 61.9
119 32.1 25.9 38.9



#67
Ethyl Benzene
Concen: 0.210 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN051787.D
Acq: 10 Oct 2018 13:41

Tgt Ion: 91 Resp: 9520
Ion Ratio Lower Upper
91 100
106 31.2 26.0 39.0





#71

Bromoform

Concen: 0.587 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN051787.D

Acq: 10 Oct 2018 13:41

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-A(8-12)

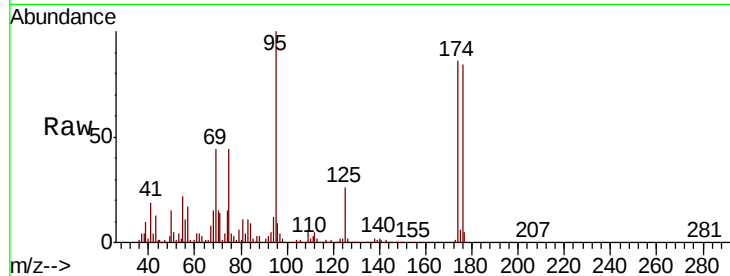
Tot Ion:173 Resp: 4574

Ion Ratio Lower Upper

173 100

175 800.0 24.0 72.0#

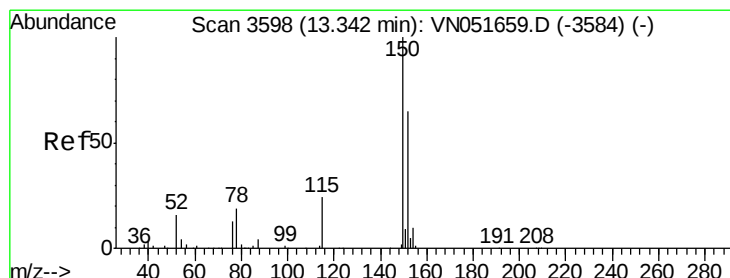
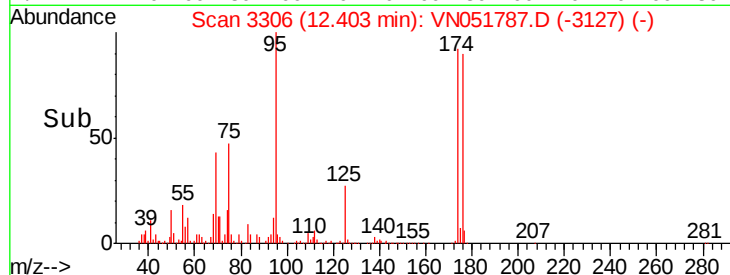
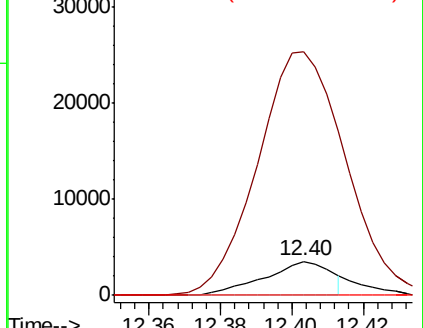
254 0.0 0.1 0.1#



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: VN051787.D

Acq: 10 Oct 2018 13:41

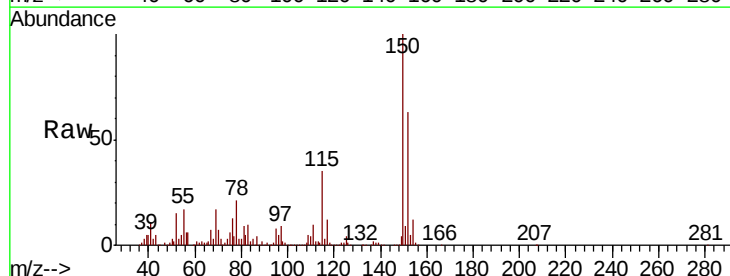
Tgt Ion:152 Resp: 651059

Ion Ratio Lower Upper

152 100

115 53.2 28.6 85.8

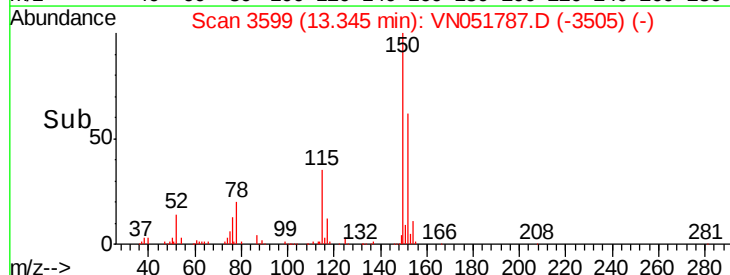
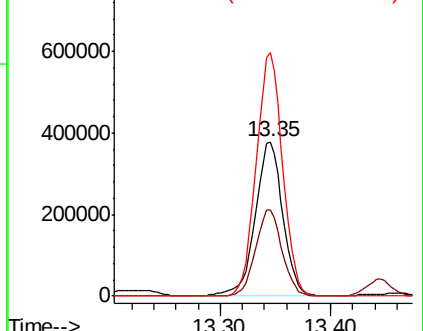
150 150.9 0.0 352.4

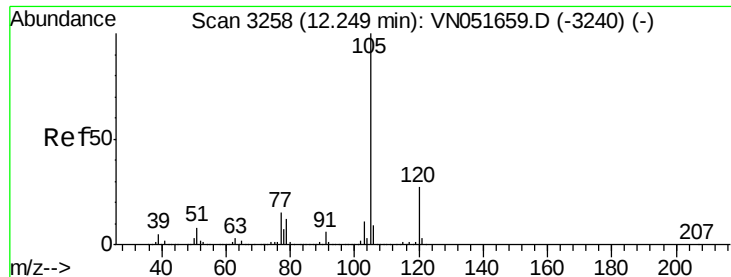


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 41.663 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN051787.D

Acq: 10 Oct 2018 13:41

Instrument :

MSVOA_N

ClientSampleId :

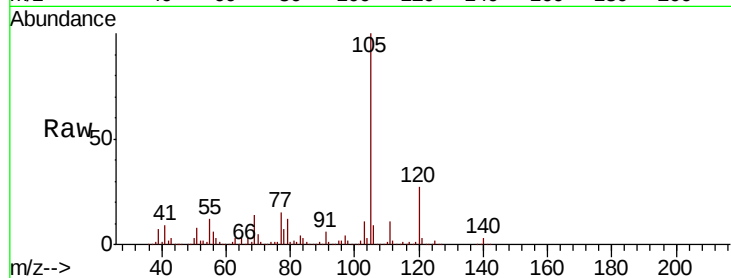
EP1-MW-A(8-12)

Tot Ion:105 Resp: 2312221

Ion Ratio Lower Upper

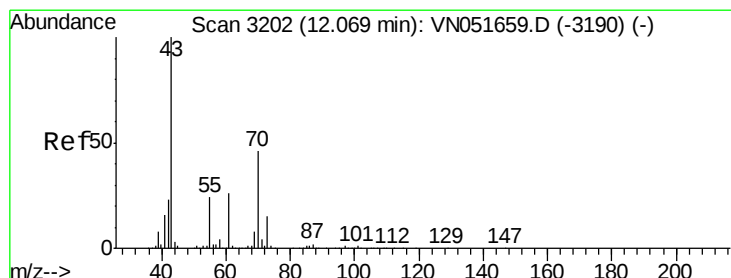
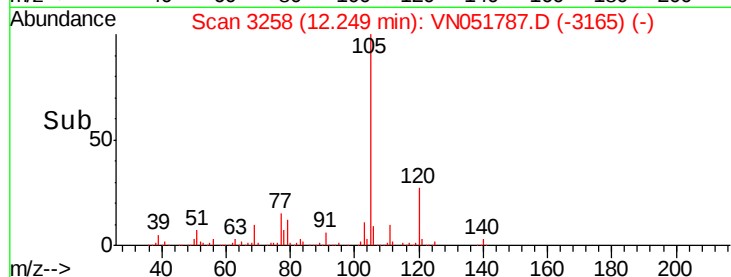
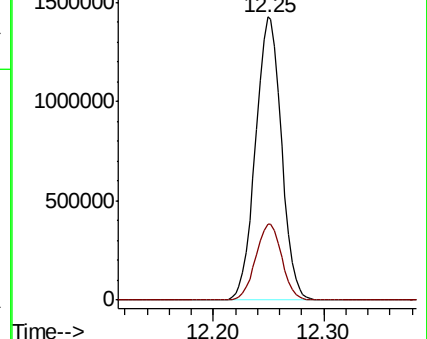
105 100

120 27.2 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-ethyl acetate

Concen: 72.864 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.02 min

Lab File: VN051787.D

Acq: 10 Oct 2018 13:41

Tgt Ion: 43 Resp: 818568

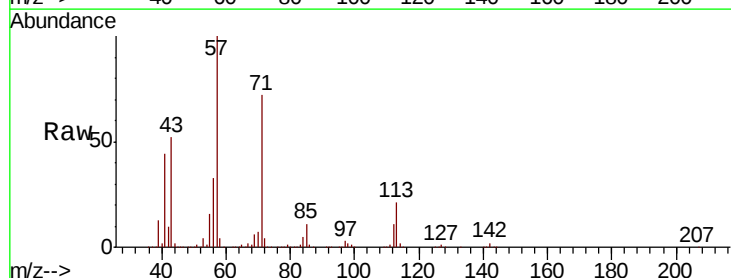
Ion Ratio Lower Upper

43 100

70 10.8 37.1 55.7#

55 13.3 19.1 28.7#

61 0.0 20.8 31.2#

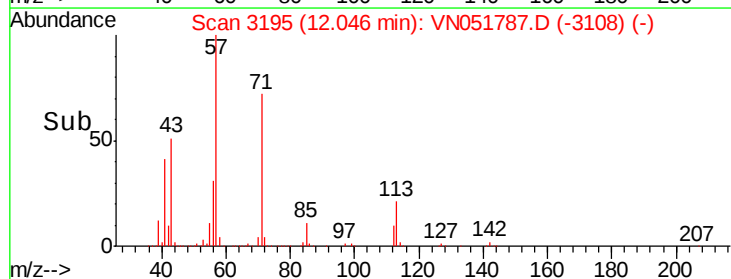
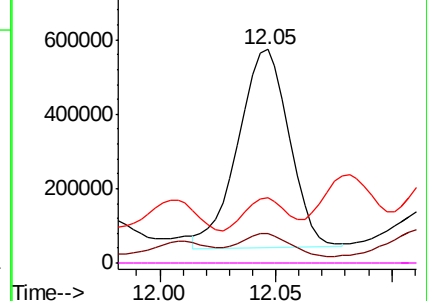


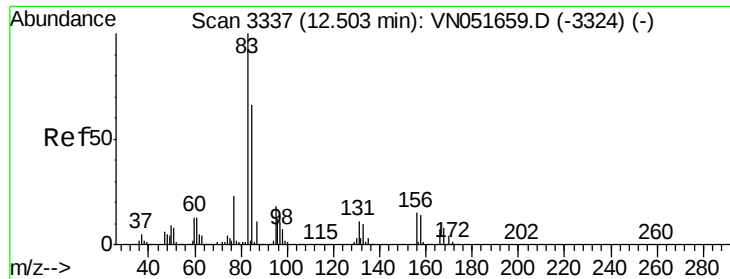
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 6.703 ug/l

RT: 12.47 min Scan# 3328

Delta R.T. -0.03 min

Lab File: VN051787.D

Acq: 10 Oct 2018 13:41

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-A(8-12)

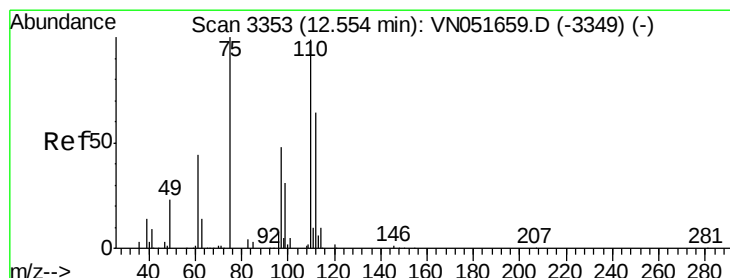
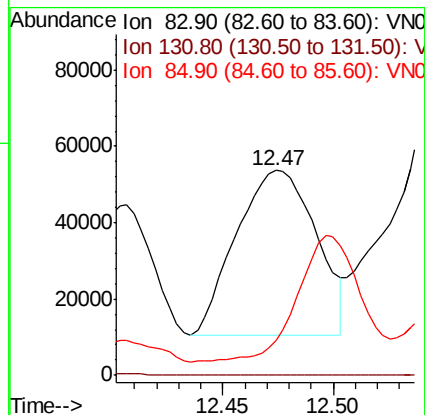
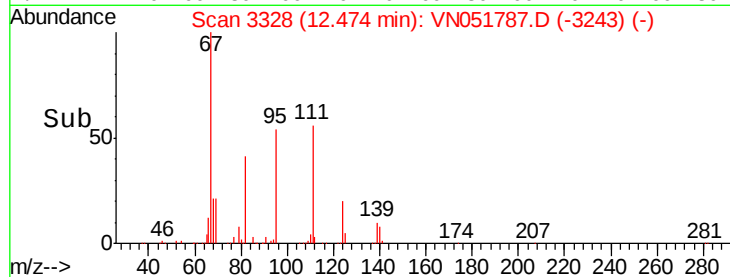
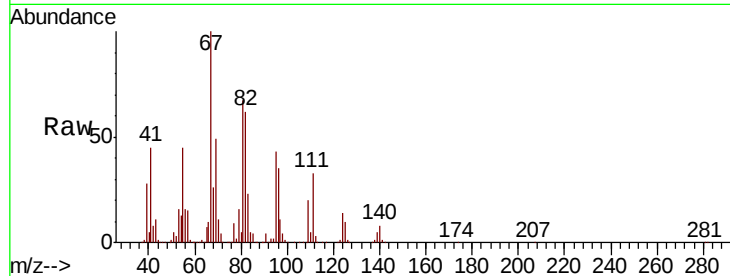
Tot Ion: 83 Resp: 108199

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: 0.626 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.04 min

Lab File: VN051787.D

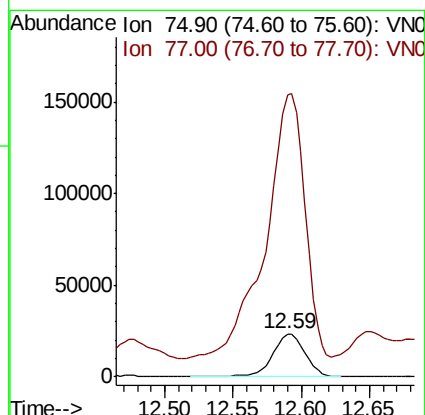
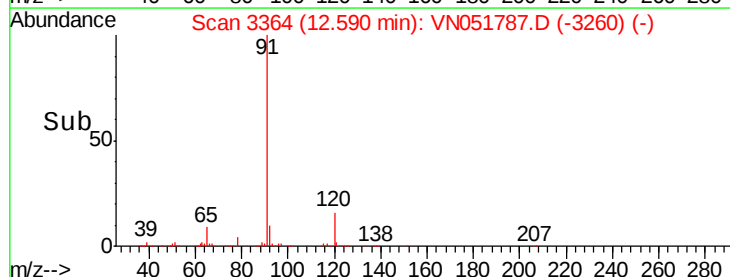
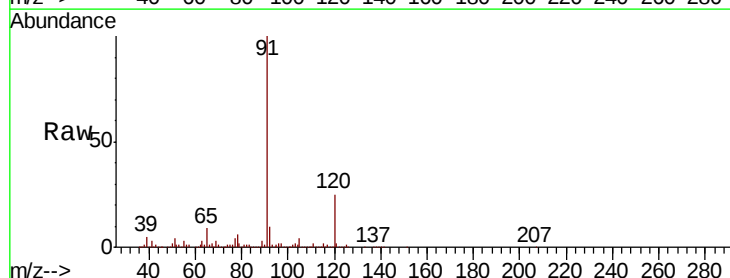
Acq: 10 Oct 2018 13:41

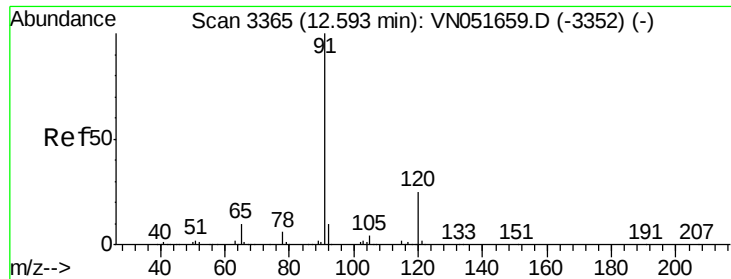
Tgt Ion: 75 Resp: 37847

Ion Ratio Lower Upper

75 100

77 746.5 0.0 0.0#





#78

n-propylbenzene

Concen: 106.953 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN051787.D

Acq: 10 Oct 2018 13:41

Instrument :

MSVOA_N

ClientSampleId :

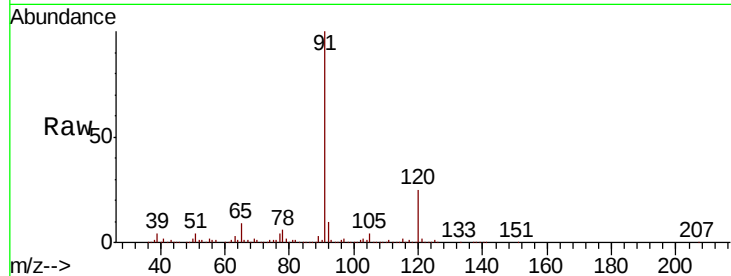
EP1-MW-A(8-12)

Tot Ion: 91 Resp: 6474225

Ion Ratio Lower Upper

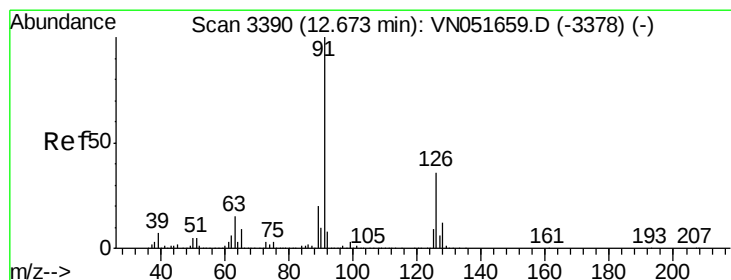
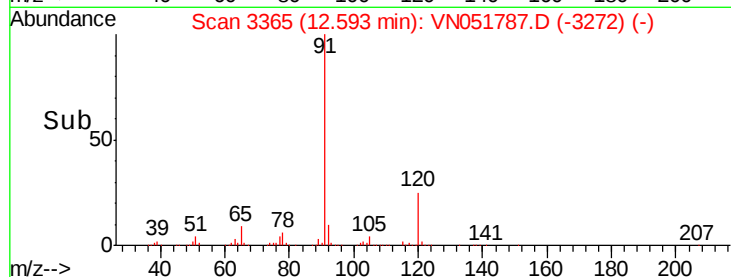
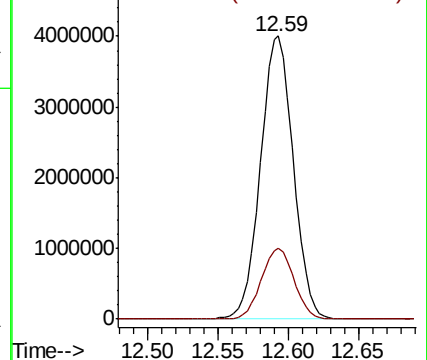
91 100

120 24.9 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 181.475 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. -0.08 min

Lab File: VN051787.D

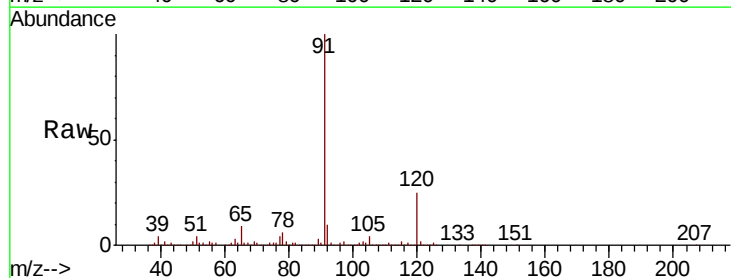
Acq: 10 Oct 2018 13:41

Tgt Ion: 91 Resp: 6474225

Ion Ratio Lower Upper

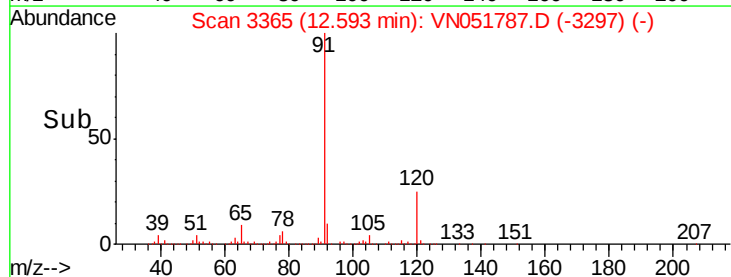
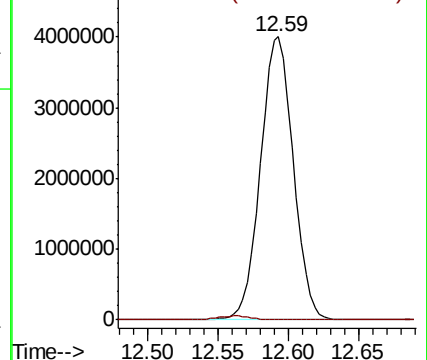
91 100

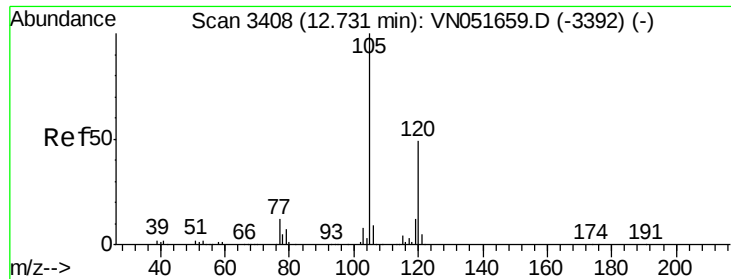
126 0.0 18.5 55.5#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

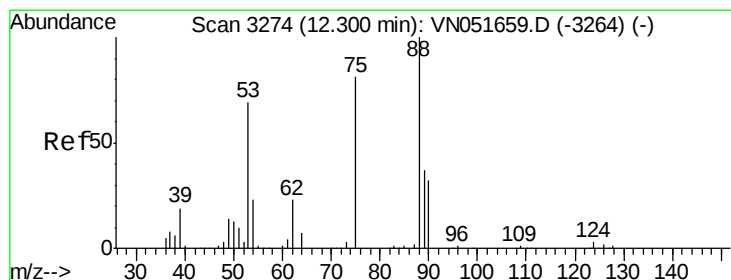
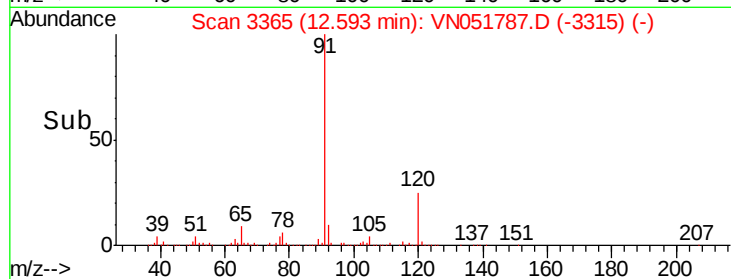
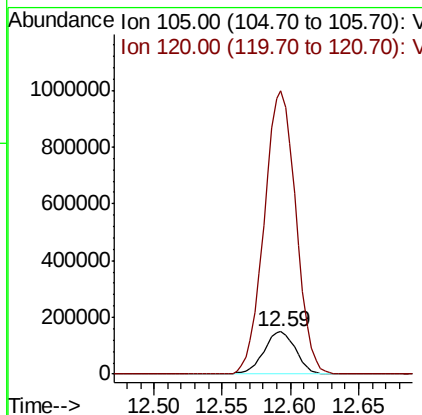
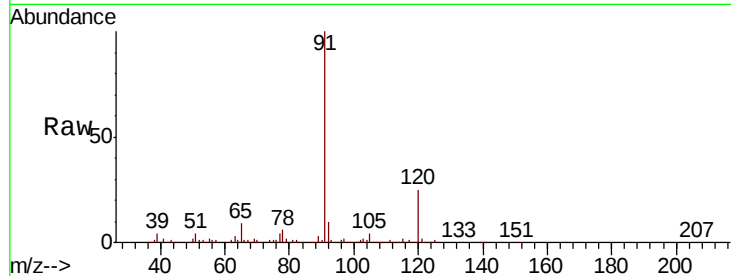




#80
 1,3,5-Trimethylbenzene
 Concen: 5.197 ug/l
 RT: 12.59 min Scan# 3365
 Delta R.T. -0.14 min
 Lab File: VN051787.D
 Acq: 10 Oct 2018 13:41

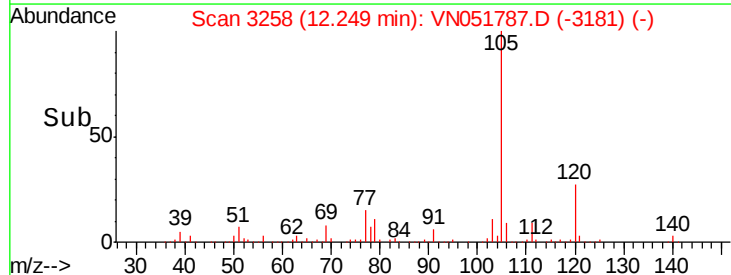
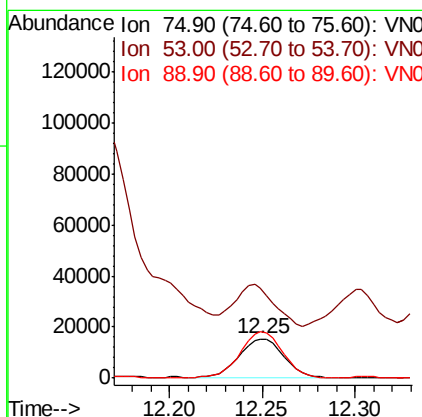
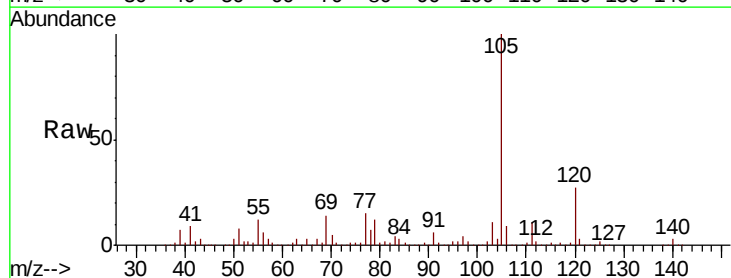
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-A(8-12)

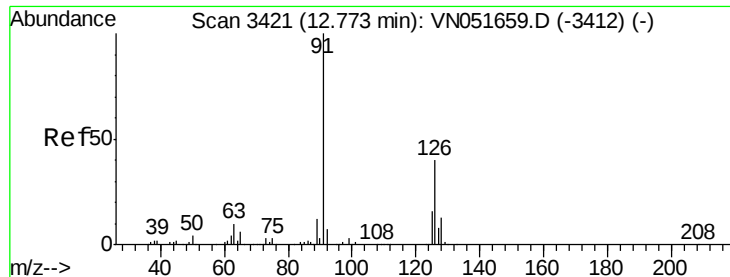
Tot Ion:105 Resp: 243070
 Ion Ratio Lower Upper
 105 100
 120 662.3 24.6 74.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 7.314 ug/l
 RT: 12.25 min Scan# 3258
 Delta R.T. -0.05 min
 Lab File: VN051787.D
 Acq: 10 Oct 2018 13:41

Tgt Ion: 75 Resp: 25905
 Ion Ratio Lower Upper
 75 100
 53 120.0 68.6 102.8#
 89 110.6 39.4 59.2#

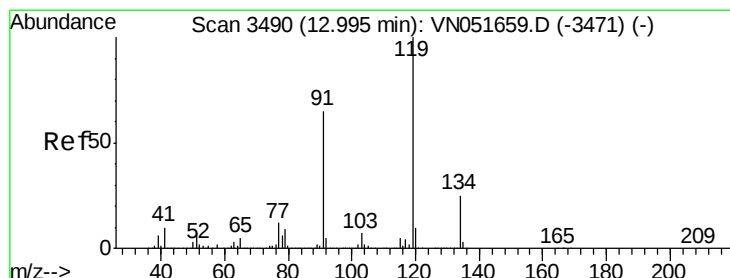
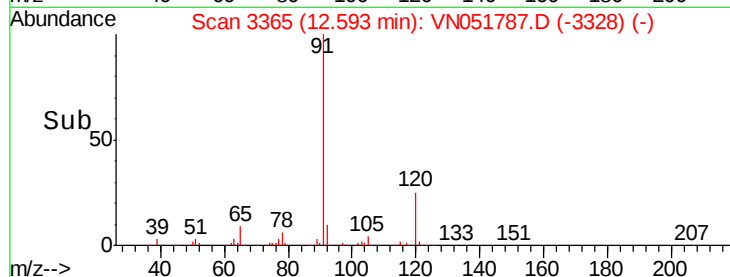
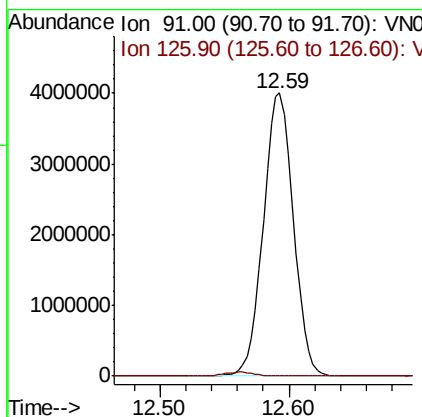
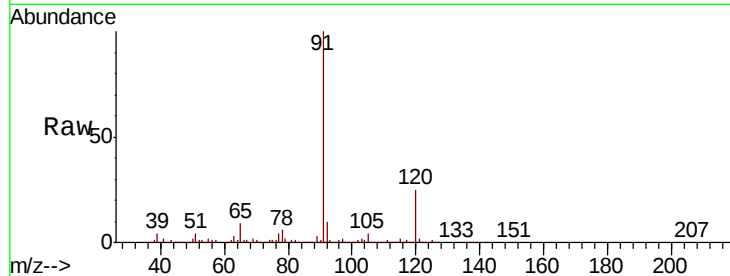




#82
4-Chlorotoluene
Concen: 180.792 ug/l
RT: 12.59 min Scan# 3365
Delta R.T. -0.18 min
Lab File: VN051787.D
Acq: 10 Oct 2018 13:41

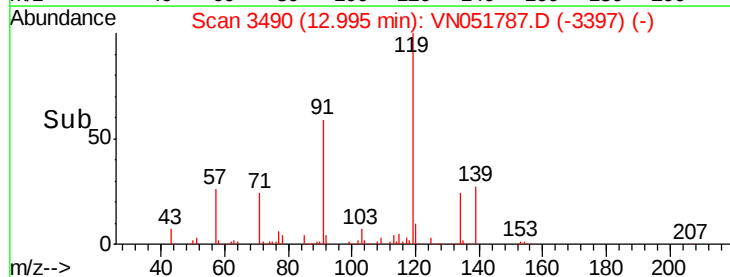
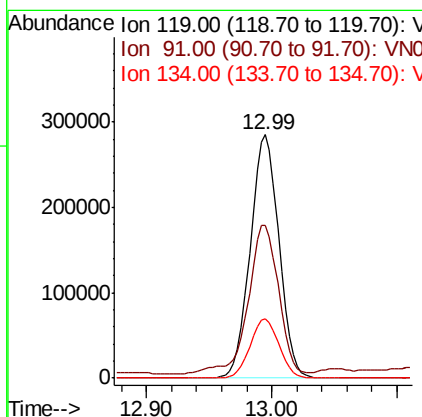
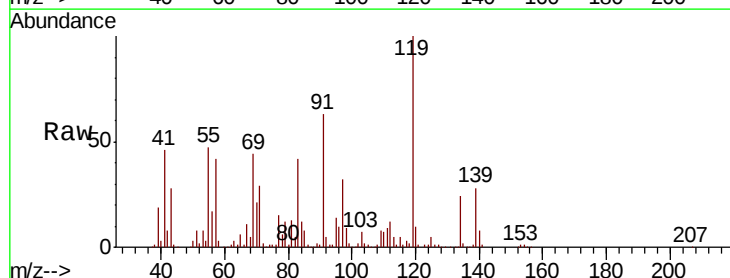
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-A(8-12)

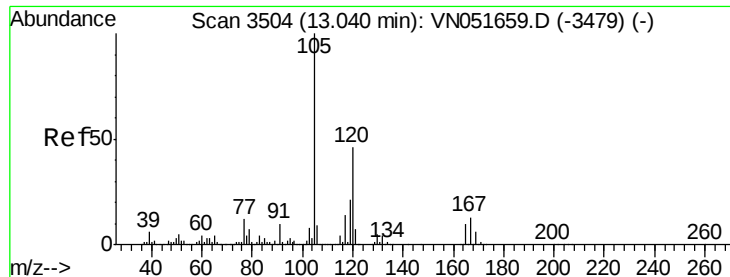
Tot Ion: 91 Resp: 6479393
Ion Ratio Lower Upper
91 100
126 0.0 18.0 54.0#



#83
tert-Butylbenzene
Concen: 10.815 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN051787.D
Acq: 10 Oct 2018 13:41

Tgt Ion: 119 Resp: 453230
Ion Ratio Lower Upper
119 100
91 65.5 32.1 96.5
134 24.3 13.3 39.9





#84

1,2,4-Trimethylbenzene

Concen: 76.654 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.13 min

Lab File: VN051787.D

Acq: 10 Oct 2018 13:41

Instrument :

MSVOA_N

ClientSampleId :

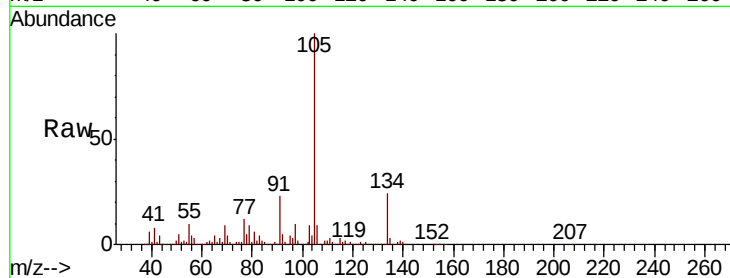
EP1-MW-A(8-12)

Tot Ion:105 Resp: 3591107

Ion Ratio Lower Upper

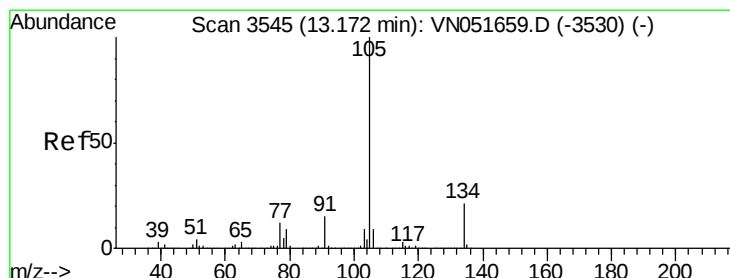
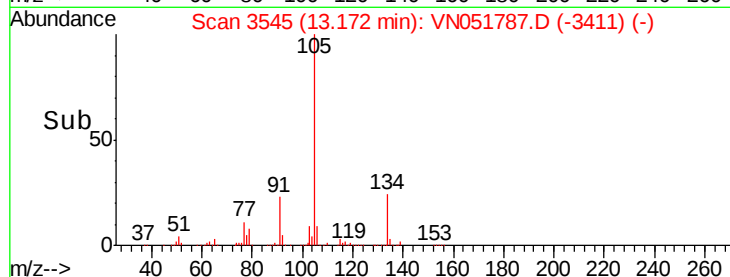
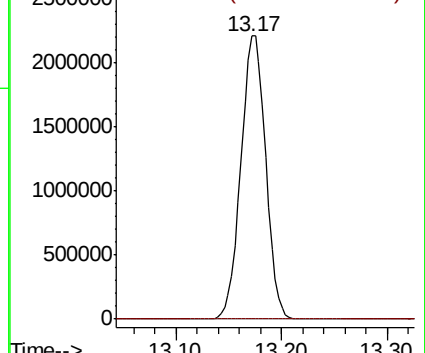
105 100

120 0.2 22.9 68.7#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 64.779 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN051787.D

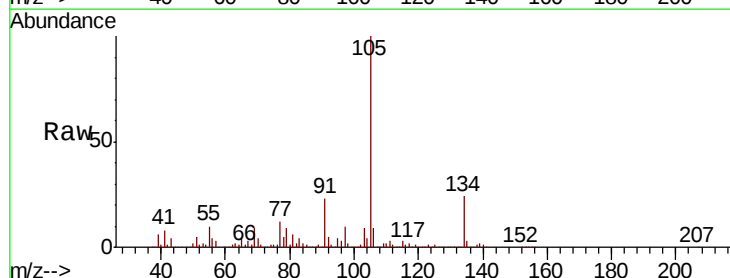
Acq: 10 Oct 2018 13:41

Tgt Ion:105 Resp: 3591107

Ion Ratio Lower Upper

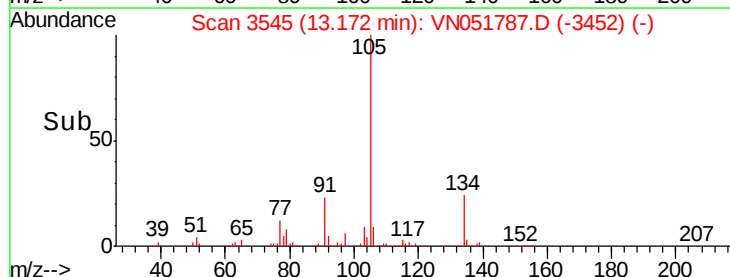
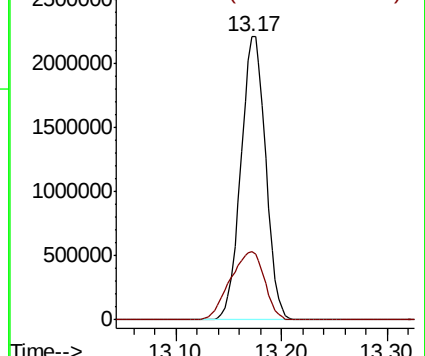
105 100

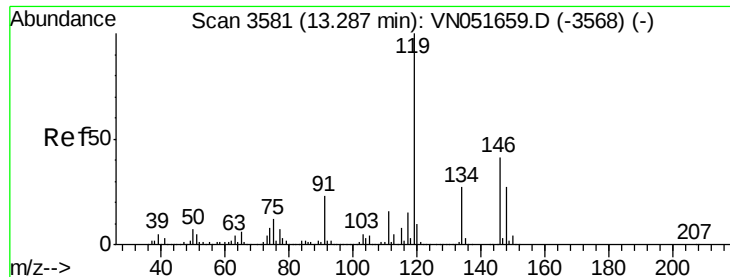
134 33.4 10.5 31.6#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

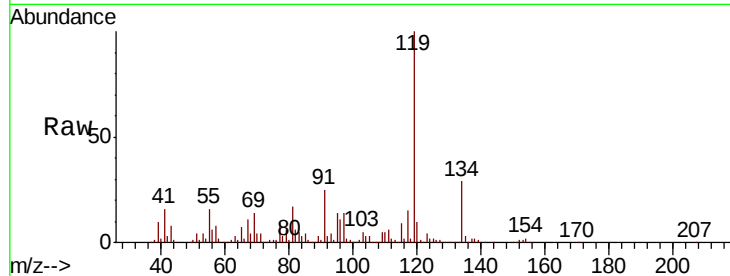




#86
p-Isopropyltoluene
Concen: 14.940 ug/l
RT: 13.45 min Scan# 3630
Delta R.T. 0.16 min
Lab File: VN051787.D
Acq: 10 Oct 2018 13:41

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

Tot Ion	Ratio	Lower	Upper
119	100		
134	29.0	13.4	40.2
91	26.2	11.7	35.1

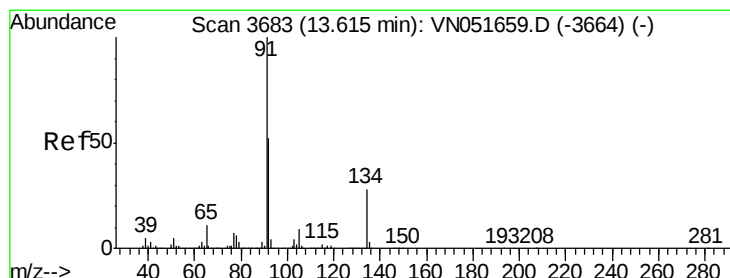
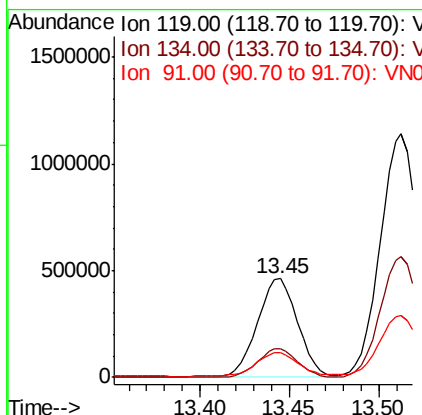
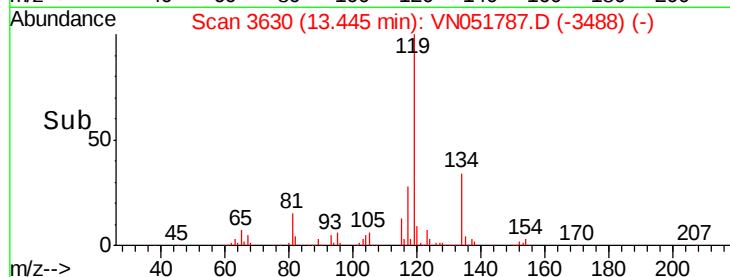


Abundance

Ion 119.00 (118.70 to 119.70): V

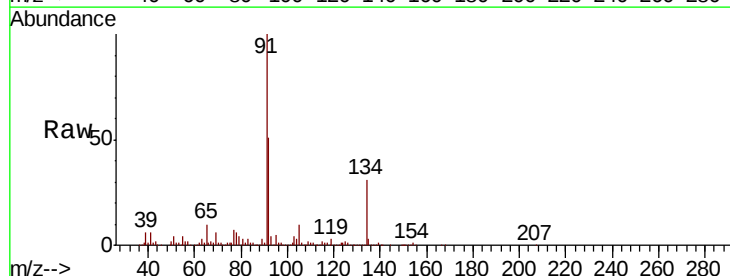
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#89
n-Butylbenzene
Concen: 74.503 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN051787.D
Acq: 10 Oct 2018 13:41

Tgt Ion	Ratio	Lower	Upper
91	100		
92	49.5	26.0	78.0
134	40.1	14.2	42.6

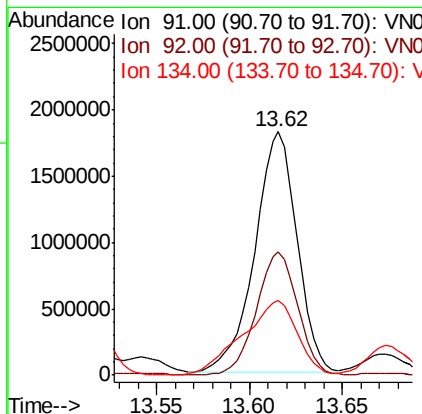
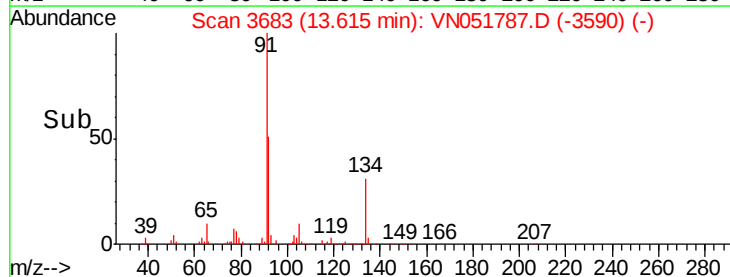


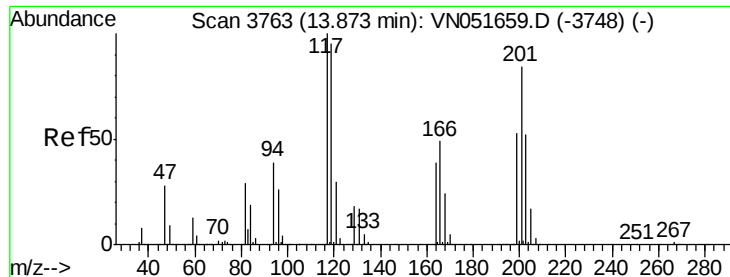
Abundance

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: 52.447 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.02 min

Lab File: VN051787.D

Acq: 10 Oct 2018 13:41

Instrument :

MSVOA_N

ClientSampleId :

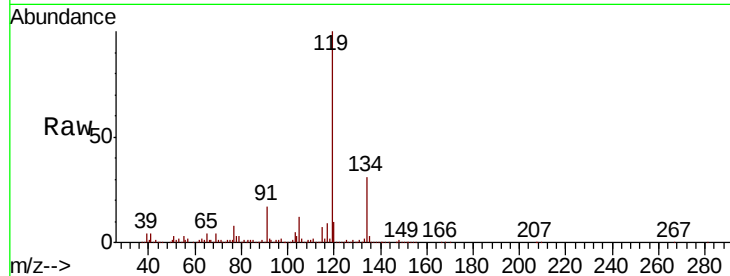
EP1-MW-A(8-12)

Tot Ion:117 Resp: 514260

Ion Ratio Lower Upper

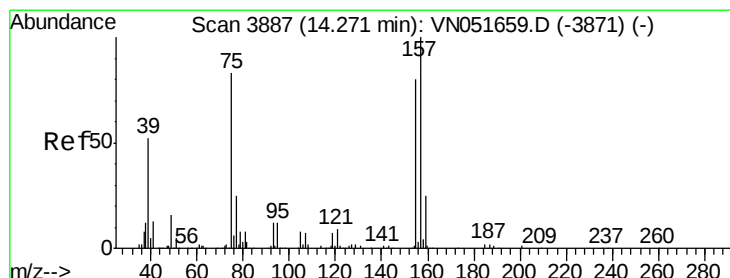
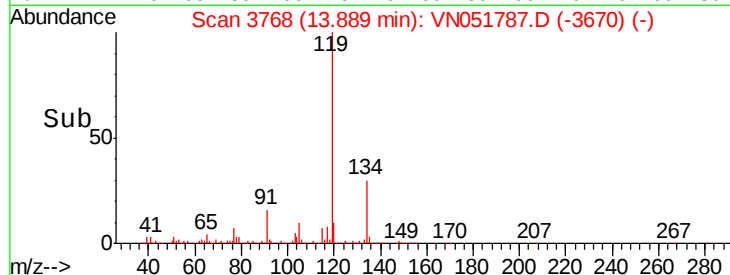
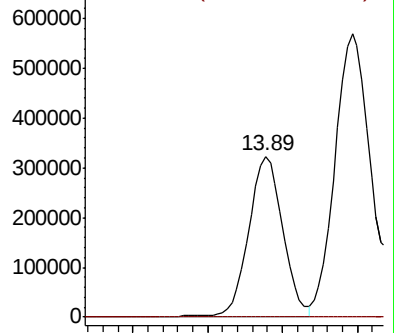
117 100

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: 2.201 ug/l

RT: 14.29 min Scan# 3893

Delta R.T. 0.02 min

Lab File: VN051787.D

Acq: 10 Oct 2018 13:41

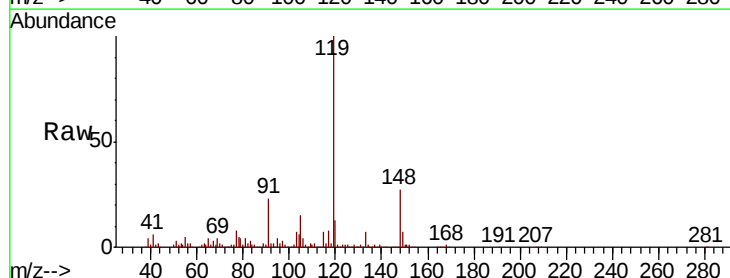
Tgt Ion: 75 Resp: 4291

Ion Ratio Lower Upper

75 100

155 0.0 47.6 142.9#

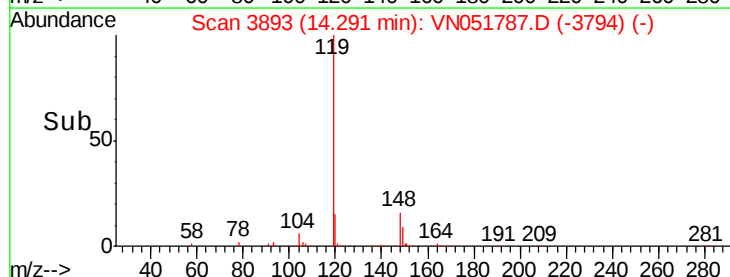
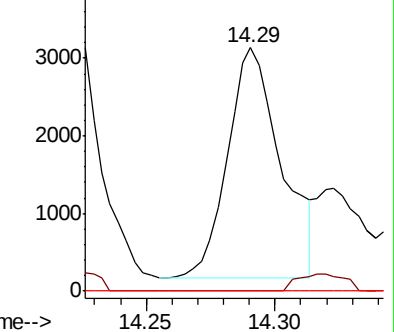
157 0.0 61.7 185.1#

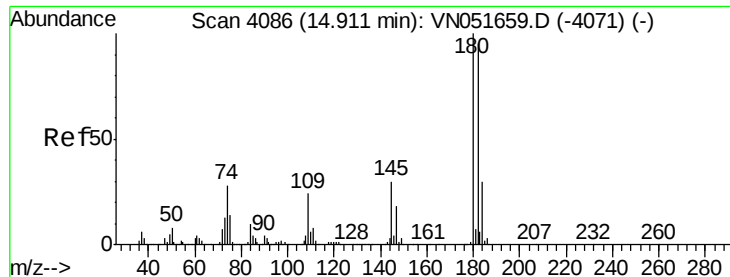


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

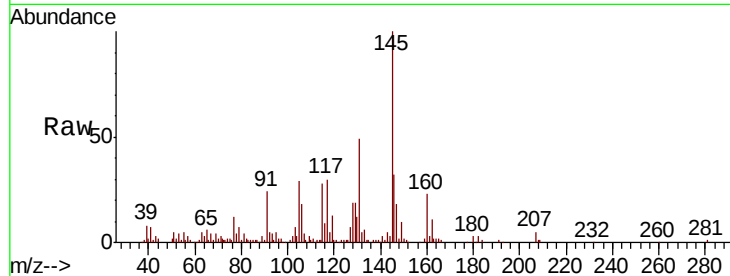




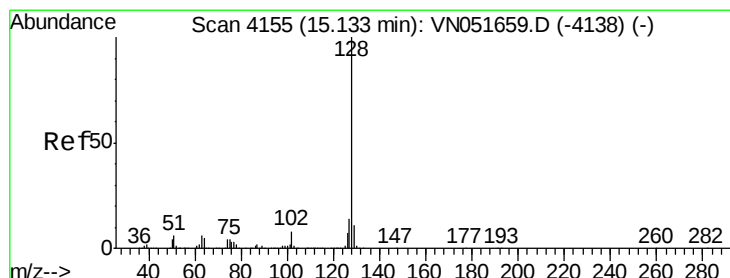
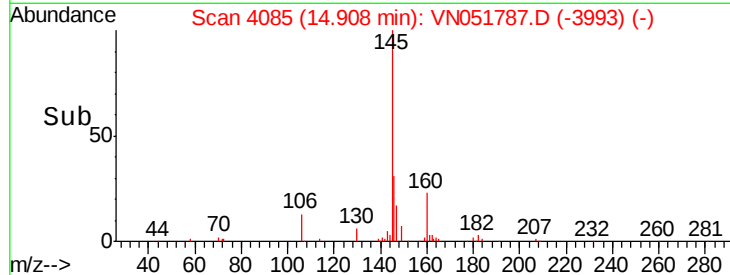
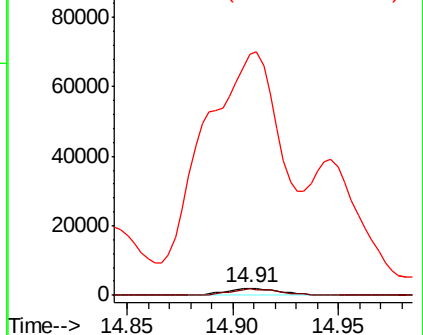
#93
 1,2,4-Trichlorobenzene
 Concen: 0.343 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. -0.00 min
 Lab File: VN051787.D
 Acq: 10 Oct 2018 13:41

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

Tot Ion:180 Resp: 3590
 Ion Ratio Lower Upper
 180 100
 182 84.9 47.7 143.1
 145 5068.4 15.3 45.9#

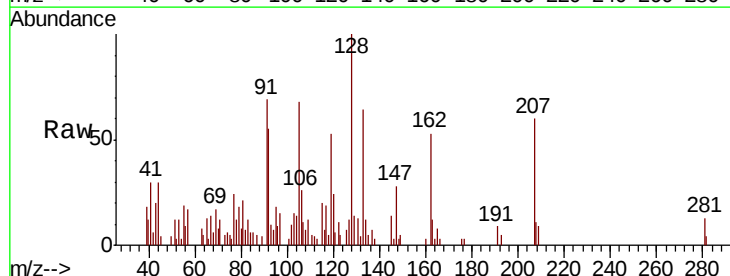


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

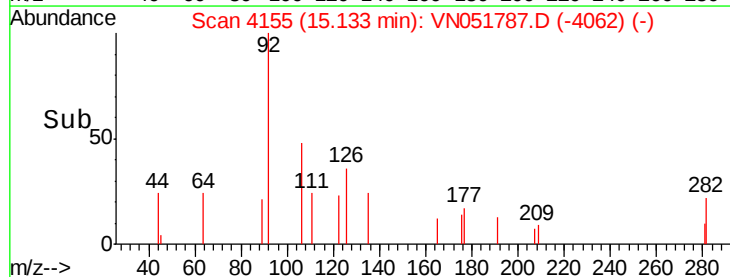
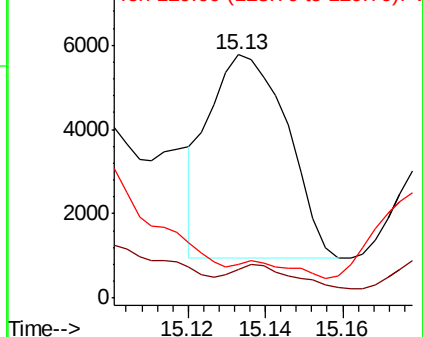


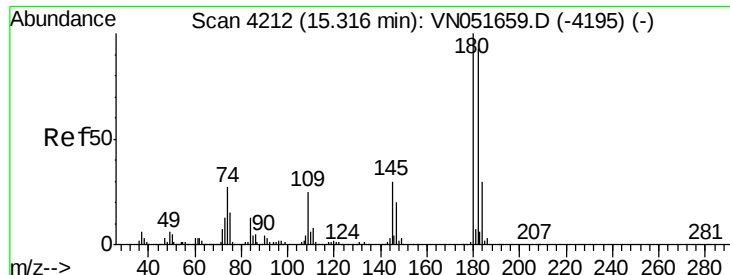
#95
 Naphthalene
 Concen: 0.299 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. 0.00 min
 Lab File: VN051787.D
 Acq: 10 Oct 2018 13:41

Tgt Ion:128 Resp: 6756
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.6 15.8#
 129 0.0 9.0 13.6#



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: 0.324 ug/l
 RT: 15.32 min Scan# 4212
 Delta R.T. 0.00 min
 Lab File: VN051787.D
 Acq: 10 Oct 2018 13:41

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

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.9	47.3	141.8
145	0.0	15.6	46.8#

