

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101018\
 Data File : VN051790.D
 Acq On : 10 Oct 2018 14:55
 Operator : MD\SY
 Sample : J5165-21 10X
 Misc : 5.72g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 15 Sample Multiplier: 28

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

Quant Time: Oct 11 01:57:47 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	867320	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1236368	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1151764	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	746003	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	482139	42.08	ug/l	0.00
Spiked Amount			Recovery	=	84.16%	
35) Dibromofluoromethane	7.59	113	459297	48.05	ug/l	0.00
Spiked Amount			Recovery	=	96.10%	
50) Toluene-d8	10.09	98	1759262	49.33	ug/l	0.00
Spiked Amount			Recovery	=	98.66%	
62) 4-Bromofluorobenzene	12.40	95	775717	61.45	ug/l	0.00
Spiked Amount			Recovery	=	122.90%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	99	1.158	ug/l #	42
7) Trichlorofluoromethane	3.00	101	102	Below Cal	#	18
11) Tert butyl alcohol	4.76	59	547	0.702	ug/l #	73
13) Acrolein	3.53	56	59	Below Cal	#	14
16) Acetone	3.82	43	324	Below Cal	#	19
18) Methyl Acetate	4.33	43	3603	0.570	ug/l	92
20) Methylene Chloride	4.55	84	4470	0.474	ug/l #	68
31) Cyclohexane	7.67	56	16599	1.067	ug/l #	16
36) 1,1-Dichloropropene	7.67	75	53974	4.177	ug/l #	48
38) Carbon Tetrachloride	7.67	117	80514	5.192	ug/l #	16
39) Methylcyclohexane	9.08	83	7122	0.439	ug/l	88
41) Methacrylonitrile	7.19	41	147	Below Cal	#	30
43) Isopropyl Acetate	8.27	43	46347	3.298	ug/l #	60
51) 4-Methyl-2-Pentanone	10.09	43	10849	1.524	ug/l #	1
55) 1,1,2-Trichloroethane	10.53	97	91118	10.038	ug/l #	21
56) Ethyl methacrylate	10.43	69	32437	2.826	ug/l #	1
59) 2-Hexanone	10.72	43	363043	75.072	ug/l #	26
71) Bromoform	12.40	173	5040	0.593	ug/l #	1
73) Isopropylbenzene	12.25	105	178524	2.807	ug/l	100
74) N-amyl acetate	12.05	43	1517385	120.049	ug/l #	60
75) 1,1,2,2-Tetrachloroethane	12.47	83	156000	9.518	ug/l #	25
76) 1,2,3-Trichloropropane	12.40	75	312117	32.212	ug/l #	100
77) Bromobenzene	12.50	156	3582	0.230	ug/l #	1
78) n-propylbenzene	12.59	91	529881	7.639	ug/l	98
79) 2-Chlorotoluene	12.73	91	172922	4.230	ug/l	79
80) 1,3,5-Trimethylbenzene	12.73	105	1421977	26.534	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	312117	76.907	ug/l #	23
82) 4-Chlorotoluene	12.73	91	172989	4.213	ug/l	81
83) tert-Butylbenzene	12.99	119	369401	7.693	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	6685053	124.536	ug/l	97
85) sec-Butylbenzene	13.17	105	2581873	40.646	ug/l #	74
86) p-Isopropyltoluene	13.29	119	3177318	56.424	ug/l	98
89) n-Butylbenzene	13.62	91	1612465	36.216	ug/l #	72
90) Hexachloroethane	13.89	117	559397	49.790	ug/l #	7

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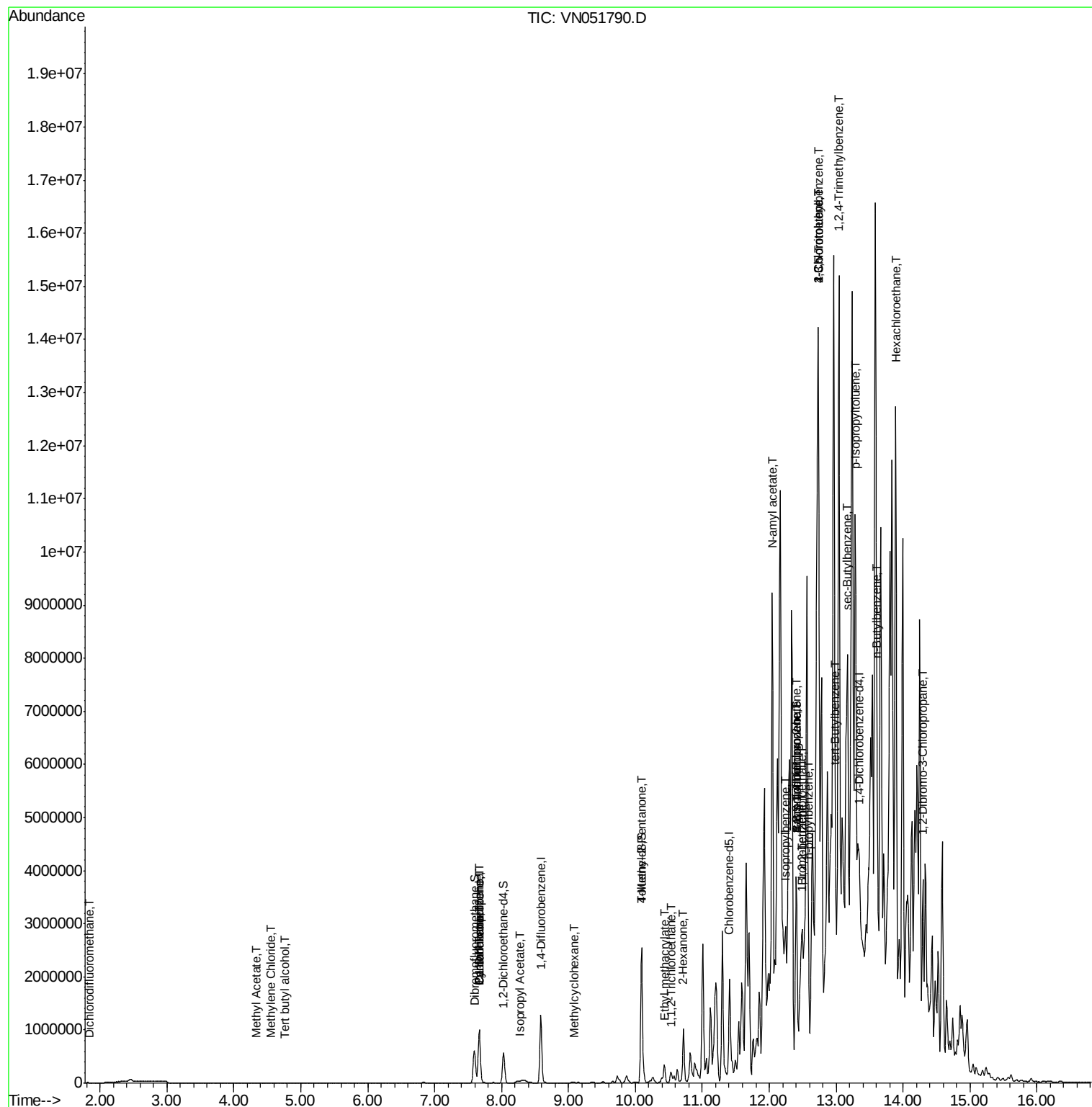
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropropan	14.29	75	7805	3.494	ug/l #	1

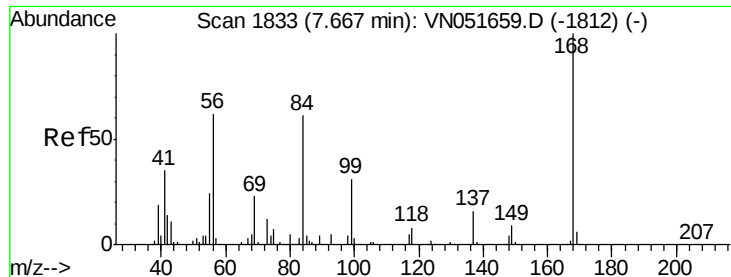
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN051790.D

Acq: 10 Oct 2018 14:55

Instrument :

MSVOA_N

ClientSampleId :

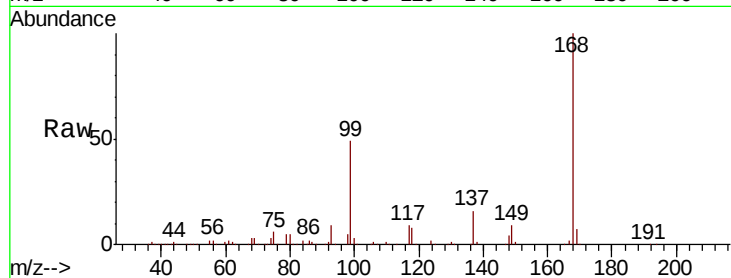
EP1-MW-D(8-12)

Tot Ion:168 Resp: 867320

Ion Ratio Lower Upper

168 100

99 48.6 40.4 60.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

400000

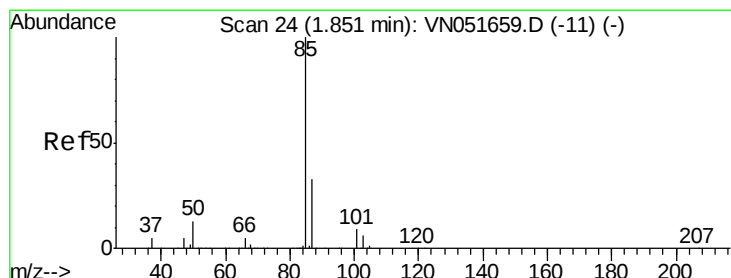
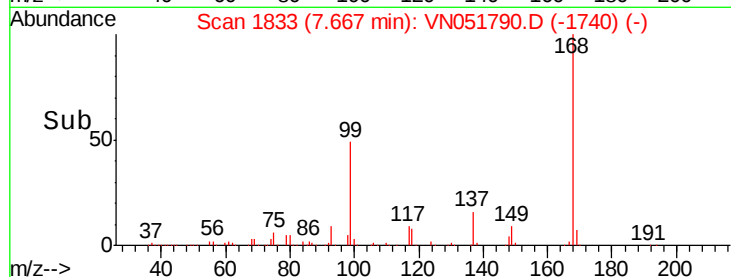
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 1.158 ug/l

RT: 1.85 min Scan# 23

Delta R.T. -0.00 min

Lab File: VN051790.D

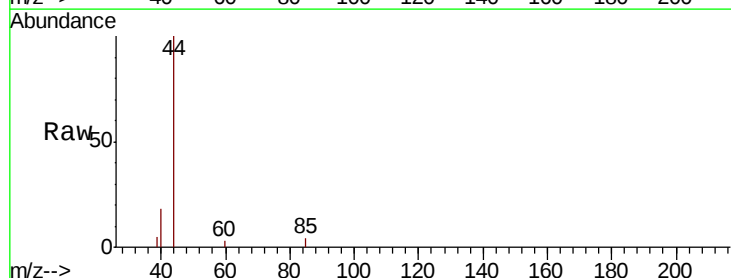
Acq: 10 Oct 2018 14:55

Tgt Ion: 85 Resp: 99

Ion Ratio Lower Upper

85 100

87 0.0 16.4 49.4#



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

1.85

200

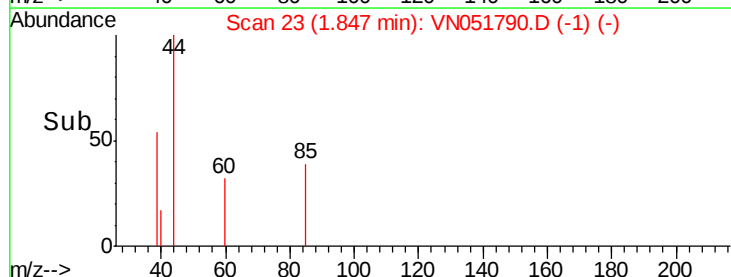
150

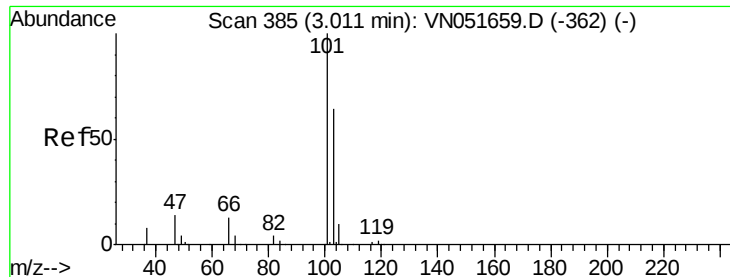
100

50

0

Time-->



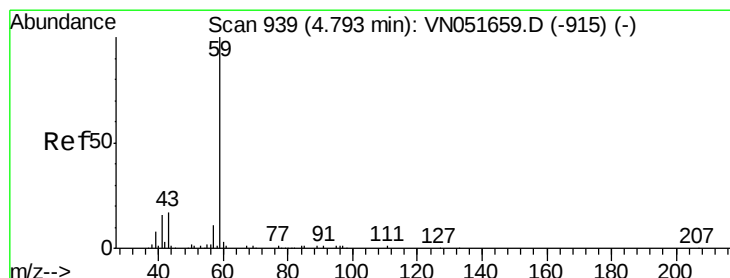
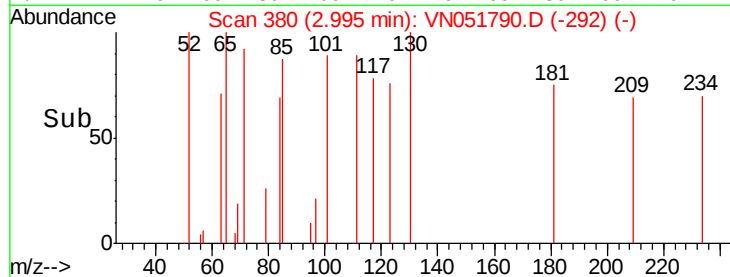
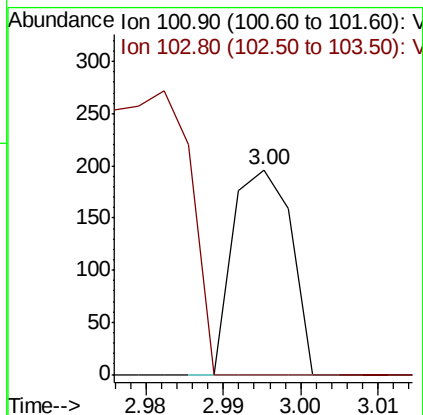
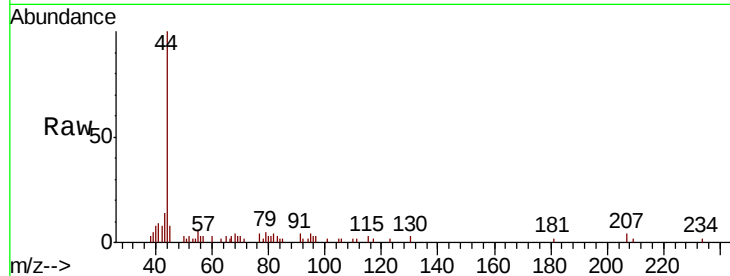


#7

Trichlorofluoromethane
Concen: Below Cal
RT: 3.00 min Scan# 380
Delta R.T. -0.02 min
Lab File: VN051790.D
Acq: 10 Oct 2018 14:55

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

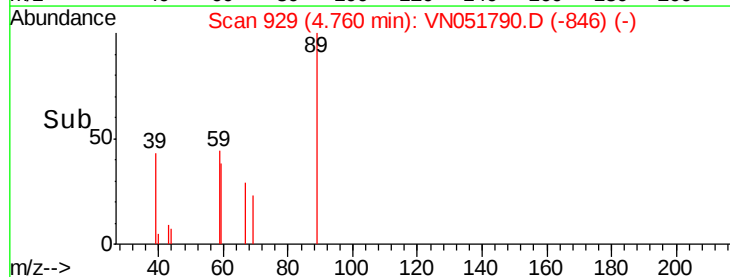
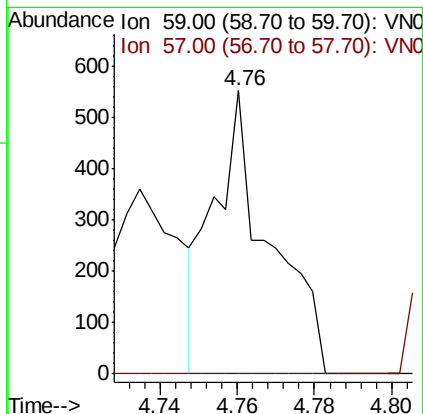
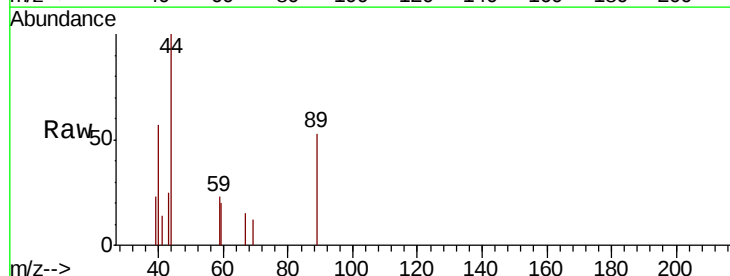
Tot Ion:101 Resp: 102
Ion Ratio Lower Upper
101 100
103 0.0 51.1 76.7#

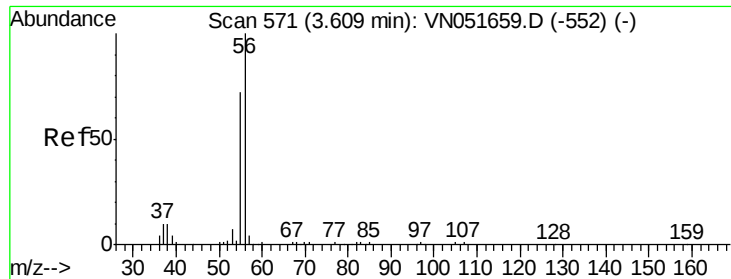


#11

Tert butyl alcohol
Concen: 0.702 ug/l
RT: 4.76 min Scan# 929
Delta R.T. -0.03 min
Lab File: VN051790.D
Acq: 10 Oct 2018 14:55

Tgt Ion: 59 Resp: 547
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#





#13

Acrolein

Concen: Below Cal

RT: 3.53 min Scan# 547

Delta R.T. -0.08 min

Lab File: VN051790.D

Acq: 10 Oct 2018 14:55

Instrument :

MSVOA_N

ClientSampleId :

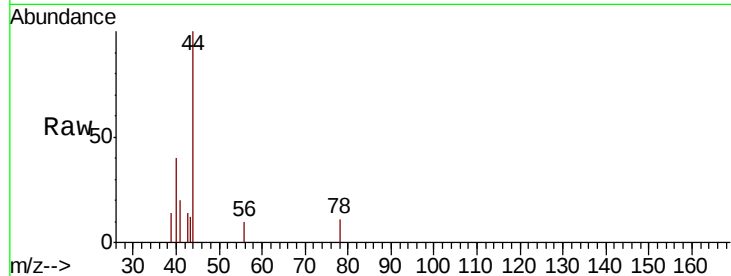
EP1-MW-D(8-12)

Tot Ion: 56 Resp: 59

Ion Ratio Lower Upper

56 100

55 0.0 57.5 86.3#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.53

150

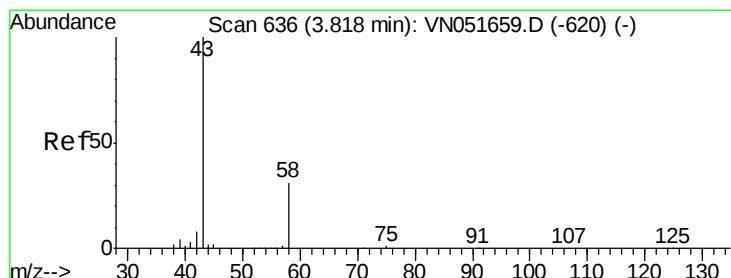
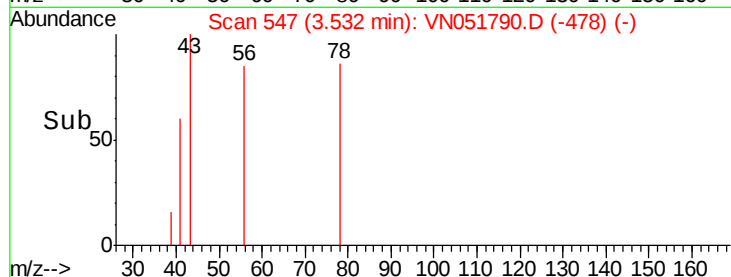
100

50

0

3.52 3.53 3.54

Time-->



#16

Acetone

Concen: Below Cal

RT: 3.82 min Scan# 635

Delta R.T. -0.00 min

Lab File: VN051790.D

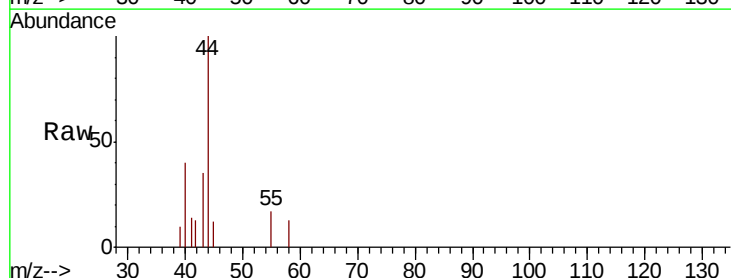
Acq: 10 Oct 2018 14:55

Tgt Ion: 43 Resp: 324

Ion Ratio Lower Upper

43 100

58 74.8 24.3 36.5#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.82

600

500

400

300

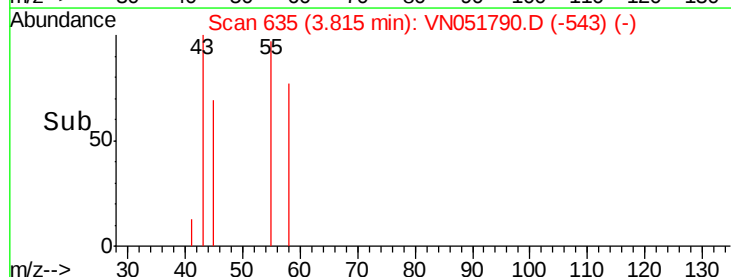
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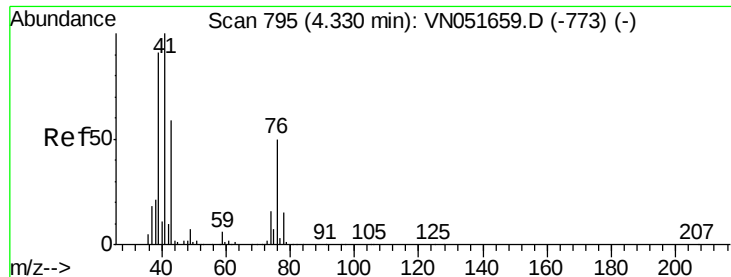
100

0

3.80 3.81 3.82

Time-->

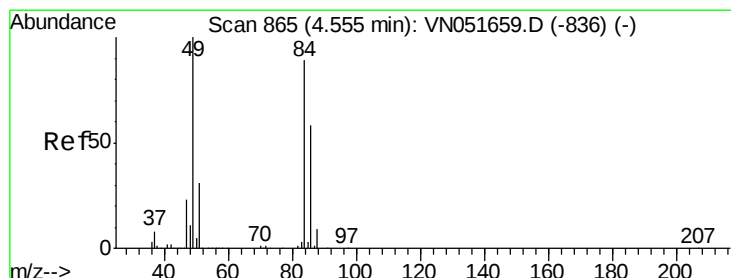
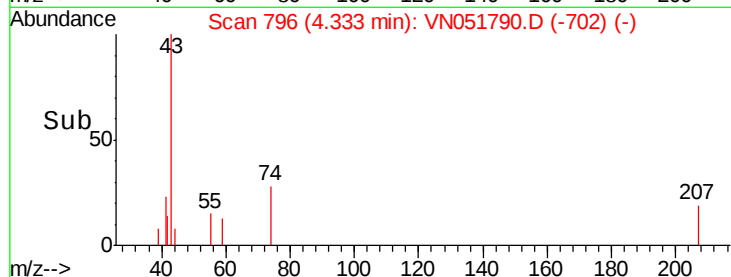
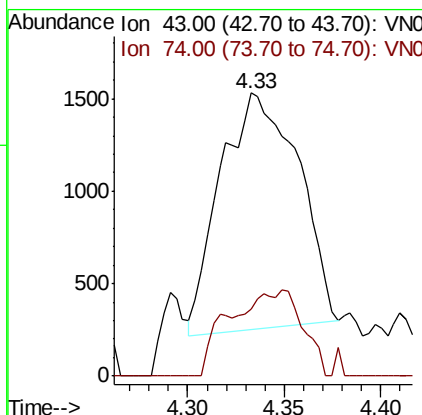
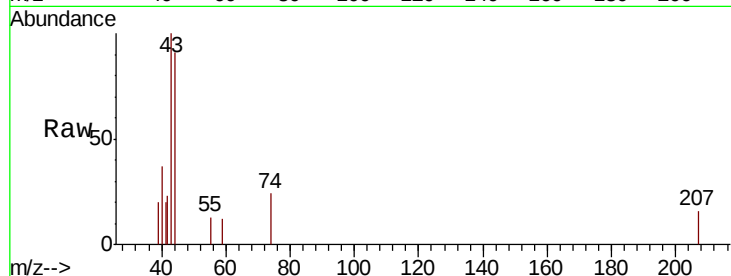




#18
Methyl Acetate
Concen: 0.570 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.00 min
Lab File: VN051790.D
Acq: 10 Oct 2018 14:55

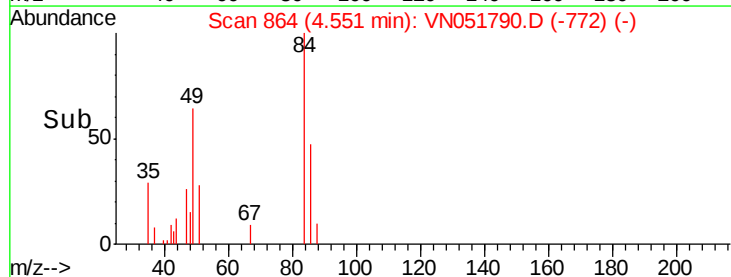
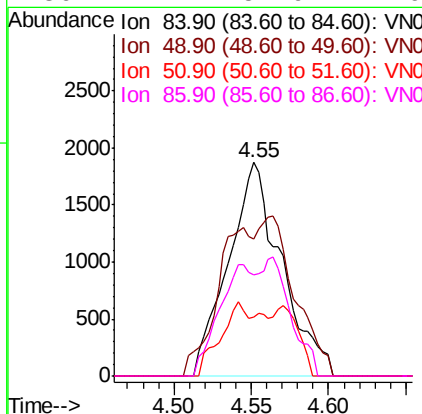
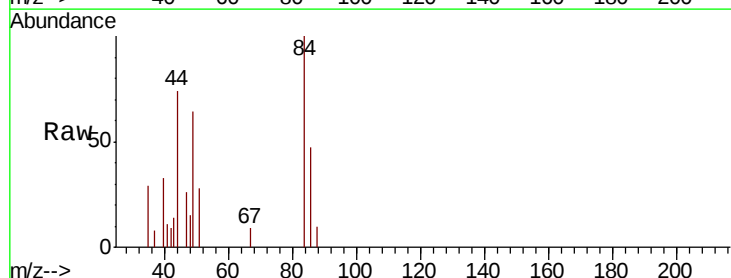
Instrument :
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EP1-MW-D(8-12)

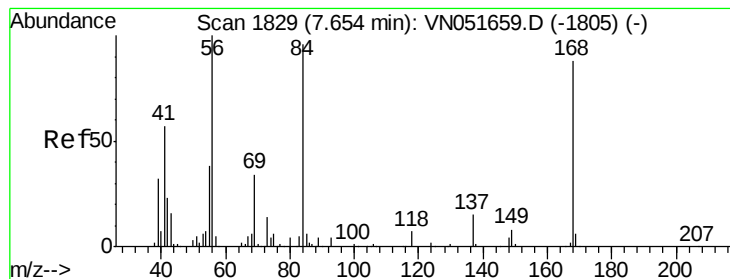
Tot Ion: 43 Resp: 3603
Ion Ratio Lower Upper
43 100
74 22.6 21.5 32.3



#20
Methylene Chloride
Concen: 0.474 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN051790.D
Acq: 10 Oct 2018 14:55

Tgt Ion: 84 Resp: 4470
Ion Ratio Lower Upper
84 100
49 64.4 89.5 134.3#
51 27.7 27.4 41.0
86 47.4 51.9 77.9#





#31

Cyclohexane

Concen: 1.067 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.02 min

Lab File: VN051790.D

Acq: 10 Oct 2018 14:55

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-D(8-12)

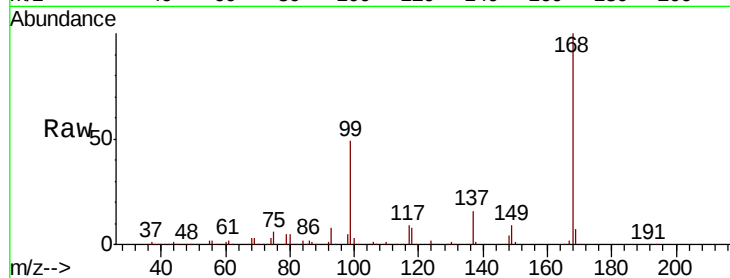
Tot Ion: 56 Resp: 16599

Ion Ratio Lower Upper

56 100

69 160.0 27.5 41.3#

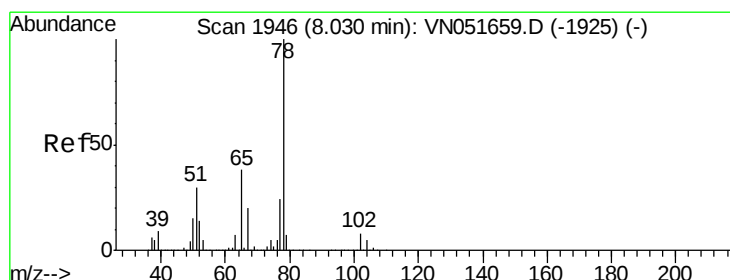
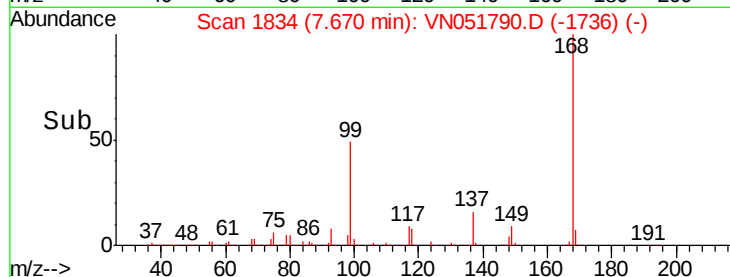
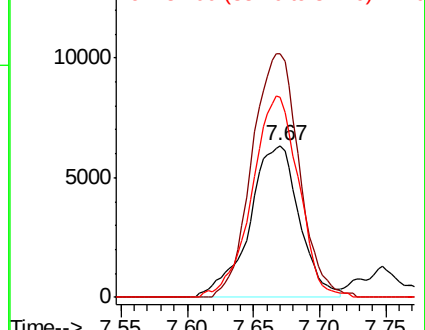
84 131.2 76.7 115.1#



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# 1946

Delta R.T. -0.00 min

Lab File: VN051790.D

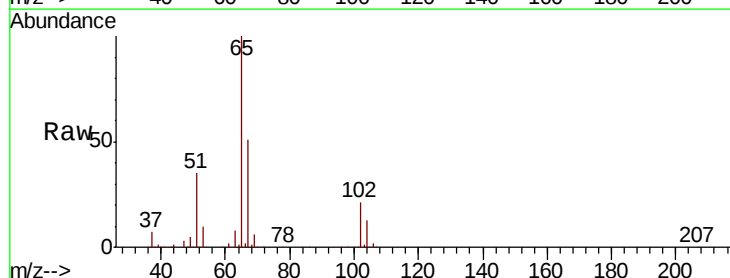
Acq: 10 Oct 2018 14:55

Tgt Ion: 65 Resp: 482139

Ion Ratio Lower Upper

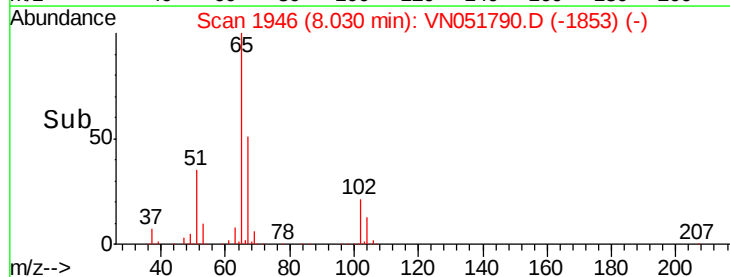
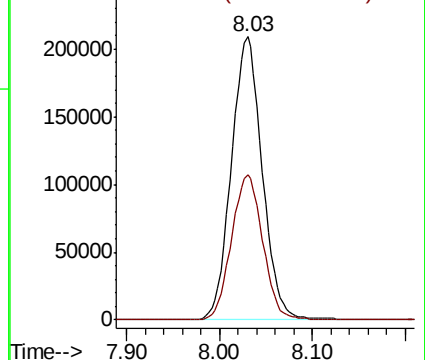
65 100

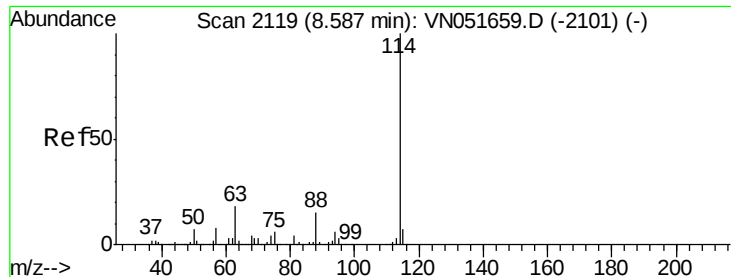
67 51.7 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

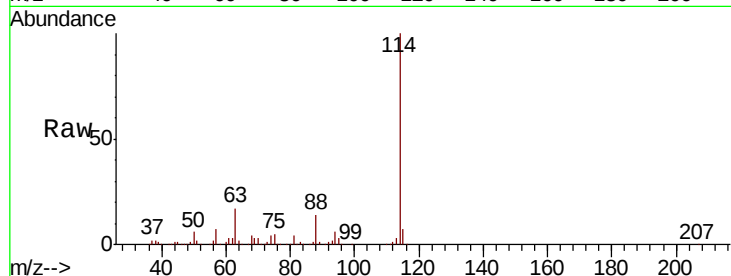




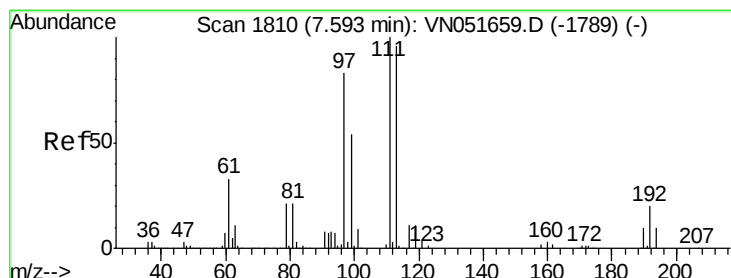
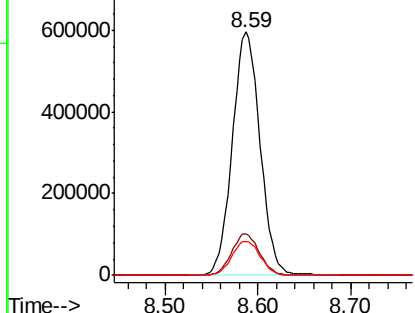
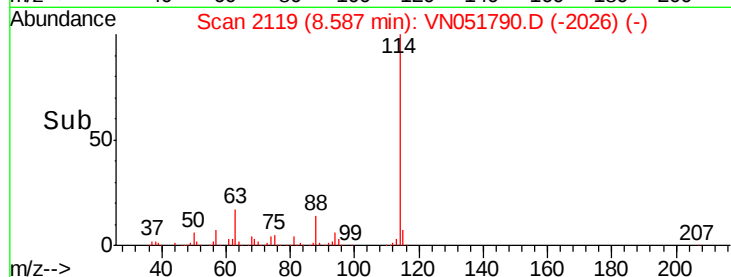
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN051790.D
Acq: 10 Oct 2018 14:55

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

Tot Ion:114 Resp: 1236368
Ion Ratio Lower Upper
114 100
63 17.2 0.0 36.2
88 14.0 0.0 30.2

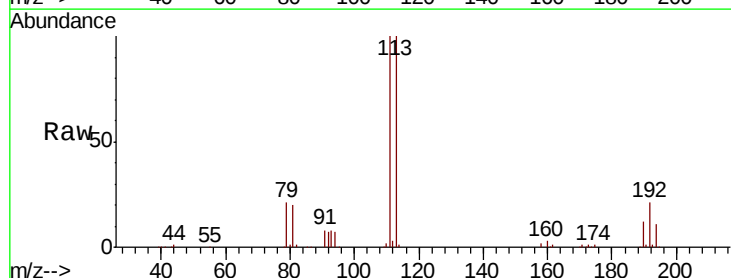


Abundance Ion 113.90 (113.60 to 114.60): V
800000 Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

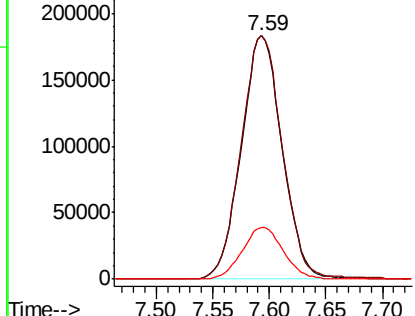
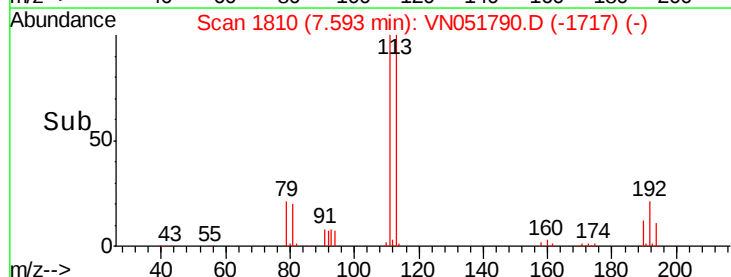


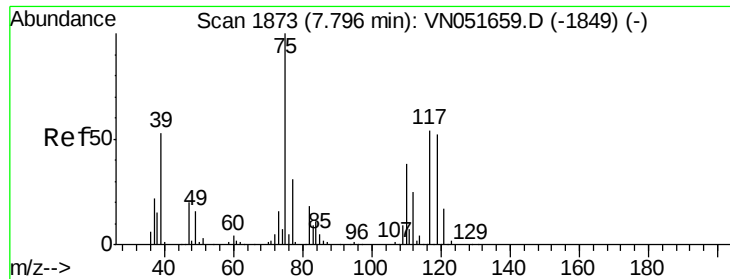
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VN051790.D
Acq: 10 Oct 2018 14:55

Tgt Ion:113 Resp: 459297
Ion Ratio Lower Upper
113 100
111 101.9 81.8 122.8
192 21.6 16.5 24.7



Abundance Ion 112.80 (112.50 to 113.50): V
250000 Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

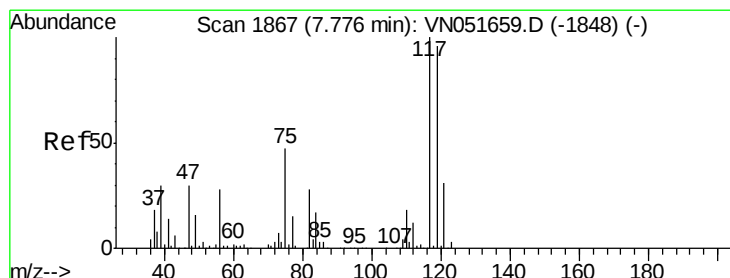
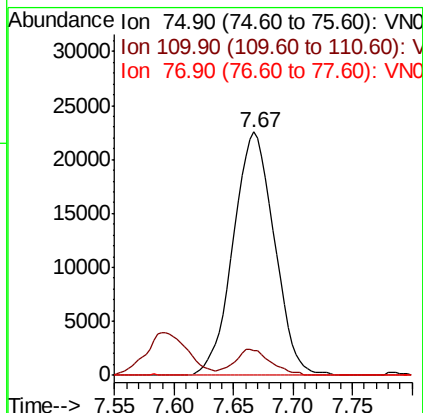
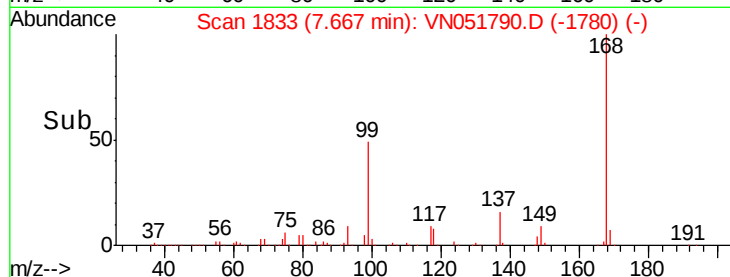
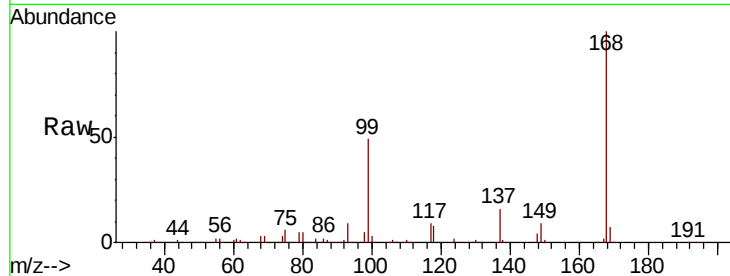




#36
 1,1-Dichloropropene
 Concen: 4.177 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN051790.D
 Acq: 10 Oct 2018 14:55

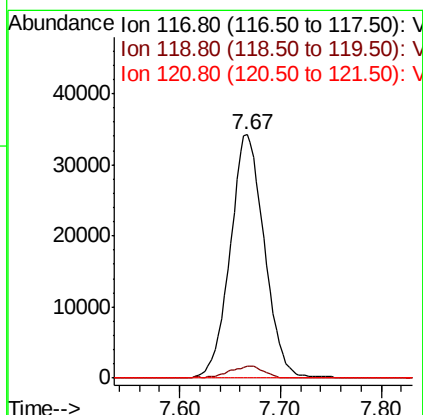
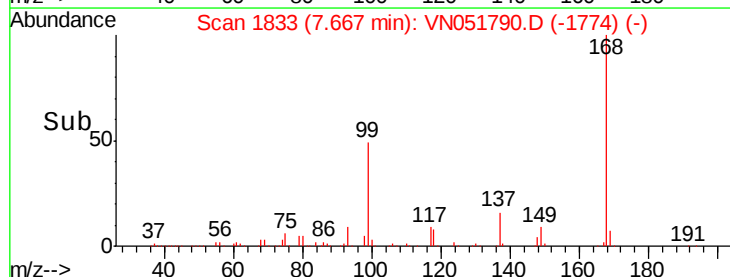
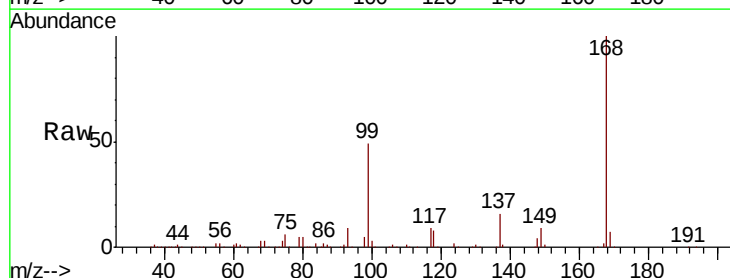
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-D(8-12)

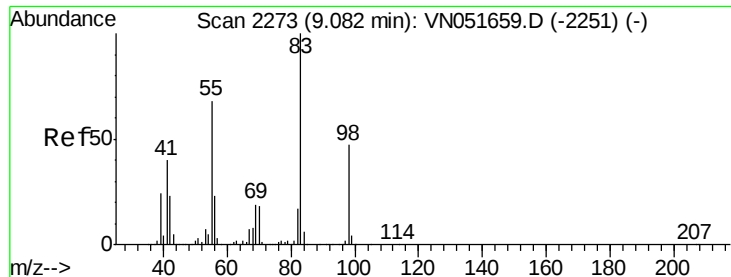
Tot Ion: 75 Resp: 53974
 Ion Ratio Lower Upper
 75 100
 110 9.4 19.3 57.8#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 5.192 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.11 min
 Lab File: VN051790.D
 Acq: 10 Oct 2018 14:55

Tgt Ion: 117 Resp: 80514
 Ion Ratio Lower Upper
 117 100
 119 5.0 77.0 115.6#
 121 0.0 25.0 37.6#

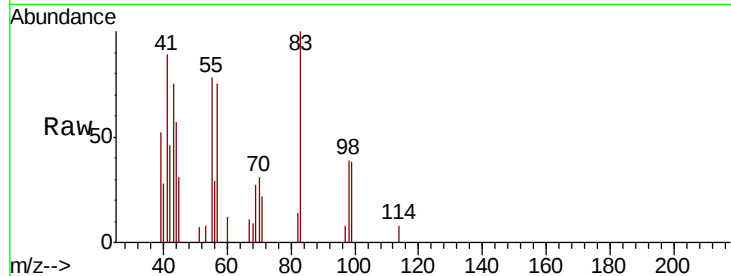




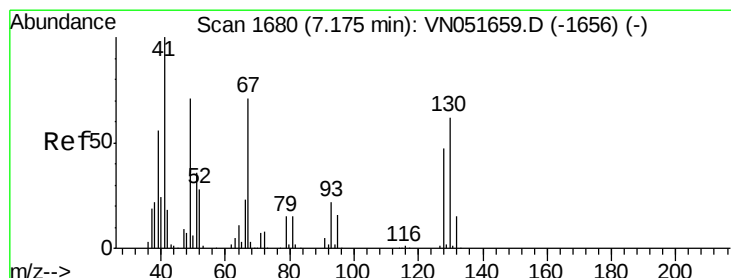
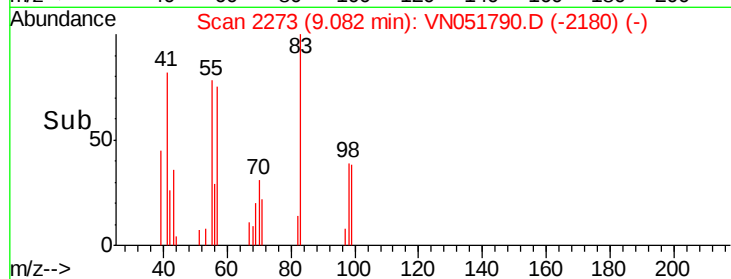
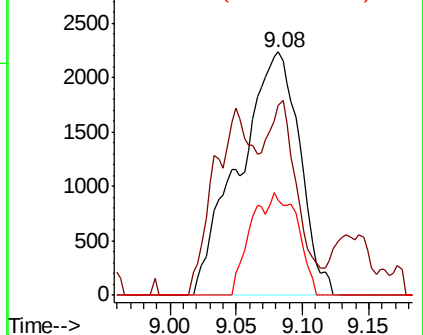
#39
Methylcyclohexane
Concen: 0.439 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN051790.D
Acq: 10 Oct 2018 14:55

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

Tot Ion: 83 Resp: 7122
Ion Ratio Lower Upper
83 100
55 78.0 54.3 81.5
98 39.1 37.4 56.2

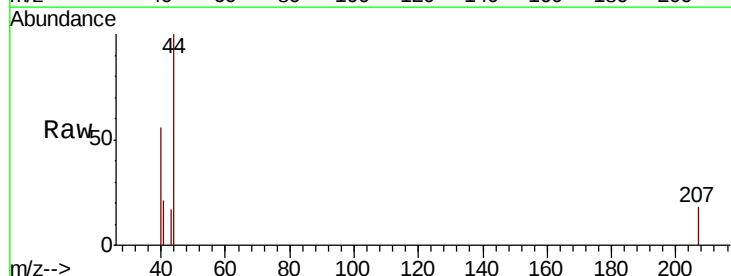


Abundance Ion 83.00 (82.70 to 83.70): VNO
Ion 55.00 (54.70 to 55.70): VNO
Ion 98.00 (97.70 to 98.70): VNO

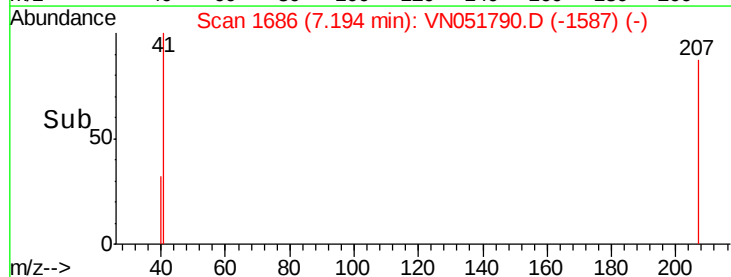
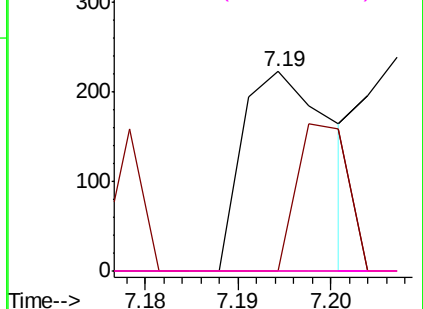


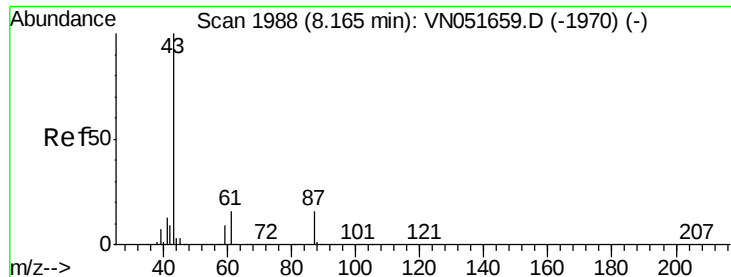
#41
Methacrylonitrile
Concen: Below Cal
RT: 7.19 min Scan# 1686
Delta R.T. 0.02 min
Lab File: VN051790.D
Acq: 10 Oct 2018 14:55

Tgt Ion: 41 Resp: 147
Ion Ratio Lower Upper
41 100
39 42.2 53.9 80.9#
67 0.0 78.1 117.1#
52 0.0 32.3 48.5#



Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

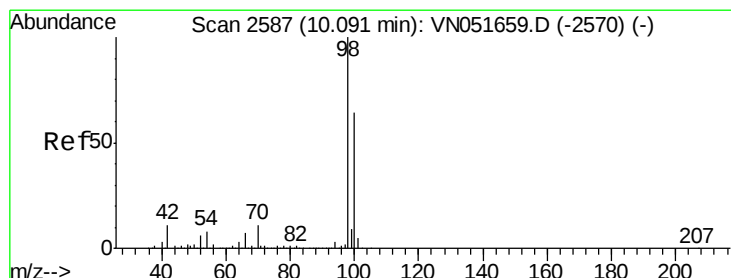
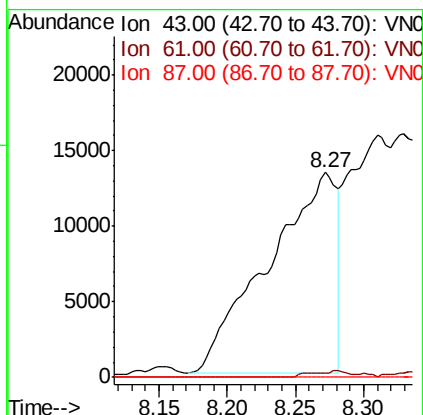
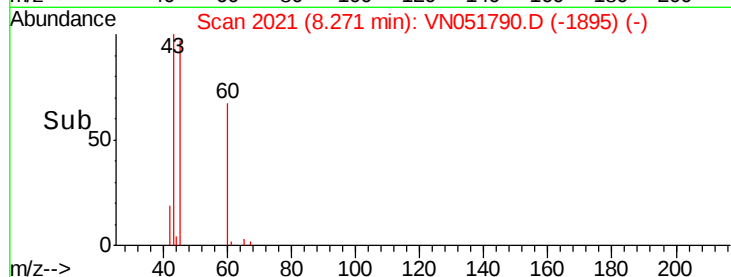
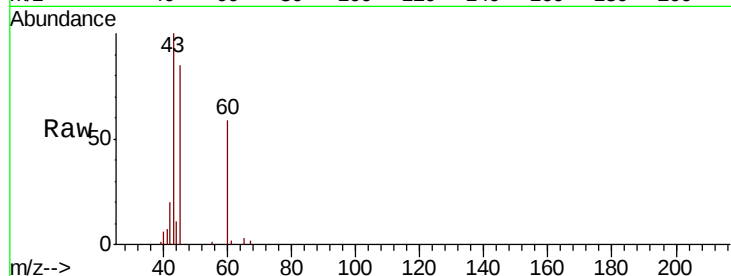




#43
Isopropyl Acetate
Concen: 3.298 ug/l
RT: 8.27 min Scan# 2021
Delta R.T. 0.11 min
Lab File: VN051790.D
Acq: 10 Oct 2018 14:55

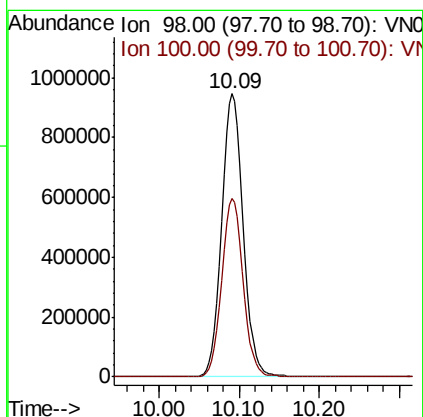
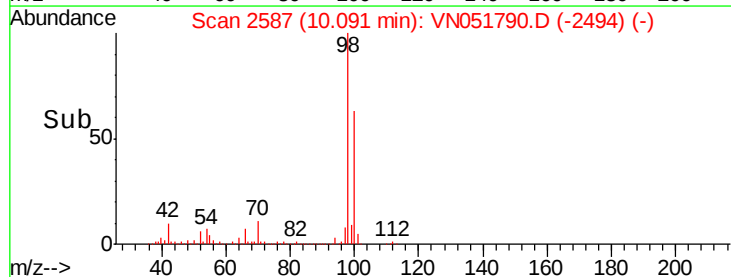
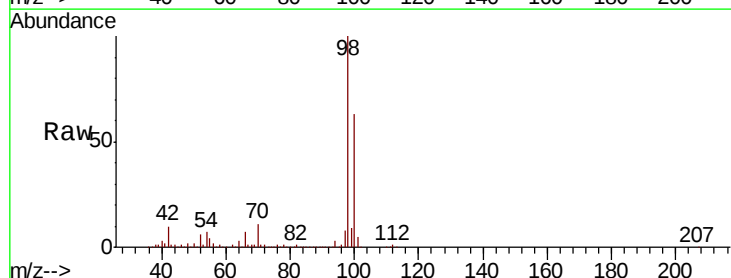
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-D(8-12)

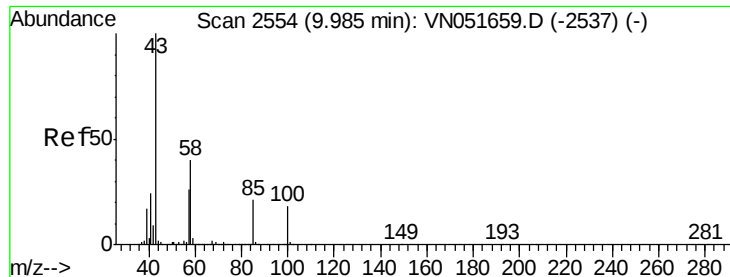
Tot Ion: 43 Resp: 46347
Ion Ratio Lower Upper
43 100
61 0.7 15.8 23.6#
87 0.0 12.6 19.0#



#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN051790.D
Acq: 10 Oct 2018 14:55

Tgt Ion: 98 Resp: 1759262
Ion Ratio Lower Upper
98 100
100 62.9 51.5 77.3





#51

4-Methyl-2-Pentanone

Concen: 1.524 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.11 min

Lab File: VN051790.D

Acq: 10 Oct 2018 14:55

Instrument :

MSVOA_N

ClientSampled :

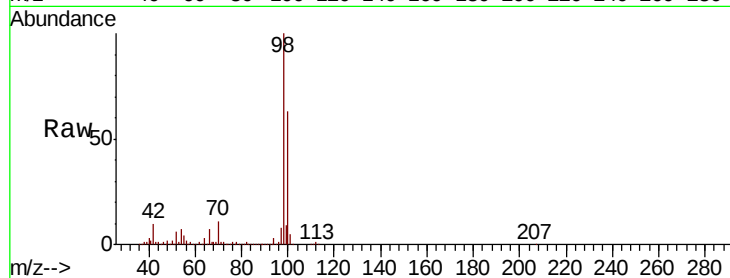
EP1-MW-D(8-12)

Tot Ion: 43 Resp: 10849

Ion Ratio Lower Upper

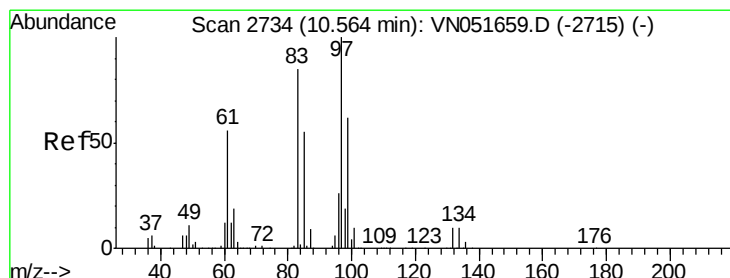
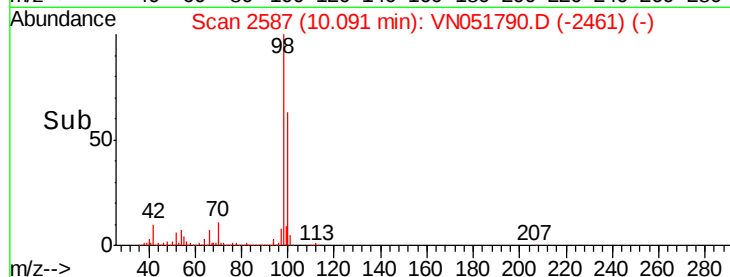
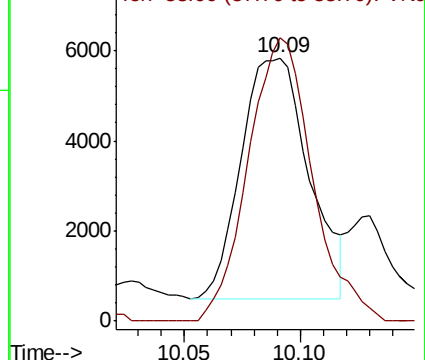
43 100

58 111.7 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) (-)



#55

1,1,2-Trichloroethane

Concen: 10.038 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.03 min

Lab File: VN051790.D

Acq: 10 Oct 2018 14:55

Tgt Ion: 97 Resp: 91118

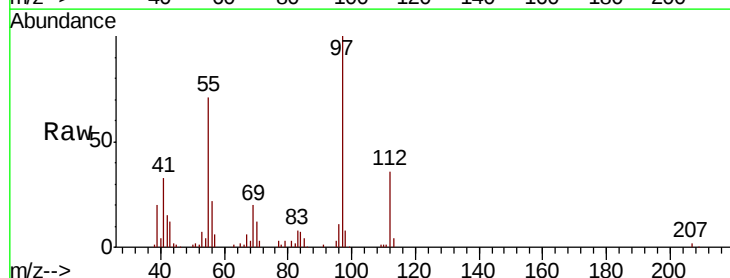
Ion Ratio Lower Upper

97 100

83 8.5 68.1 102.1#

85 3.6 43.6 65.4#

99 0.3 49.4 74.0#

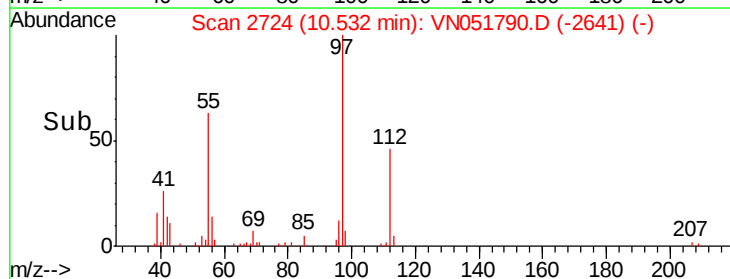
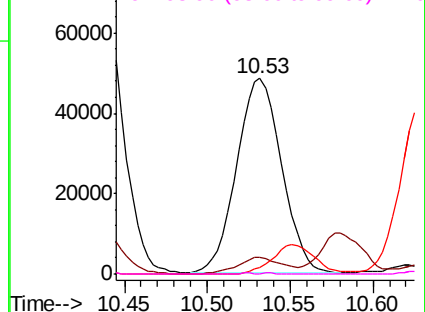


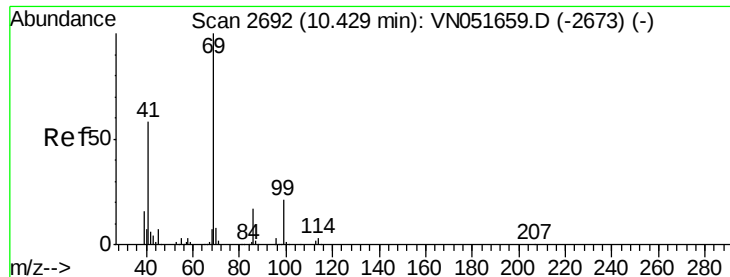
Abundance Ion 96.90 (96.60 to 97.60): VN051659.D (-2715) (-)

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) (-)

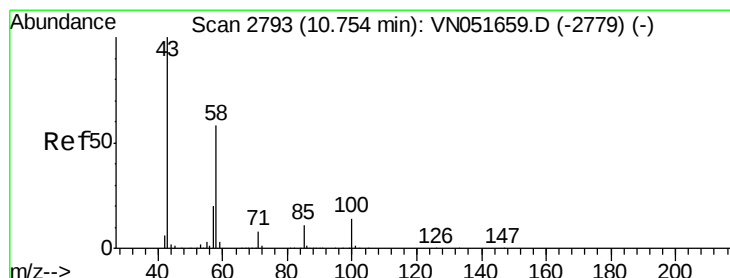
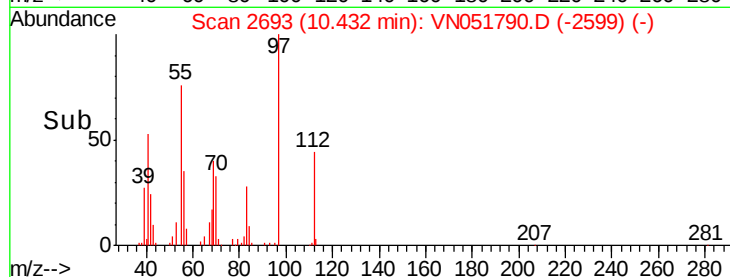
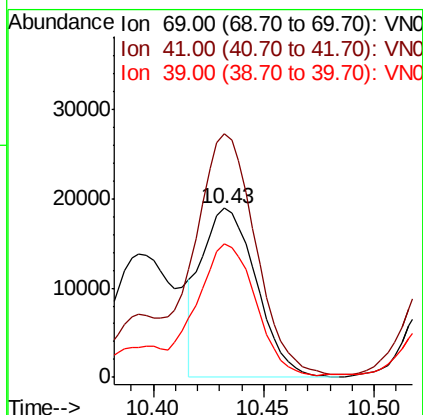
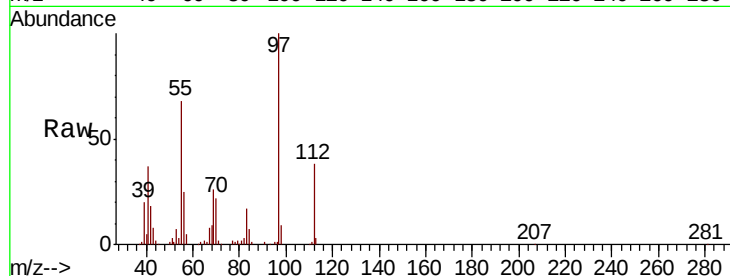




#56
Ethyl methacrylate
Concen: 2.826 ug/l
RT: 10.43 min Scan# 2693
Delta R.T. 0.00 min
Lab File: VN051790.D
Acq: 10 Oct 2018 14:55

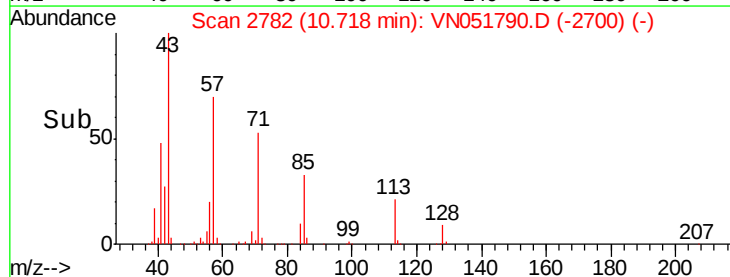
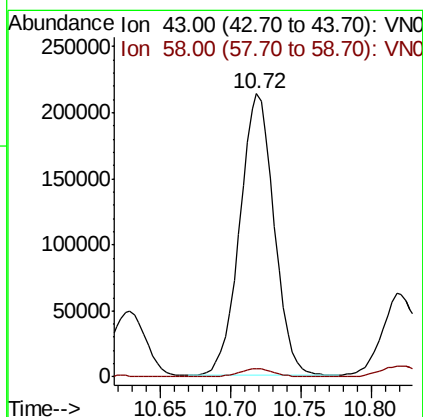
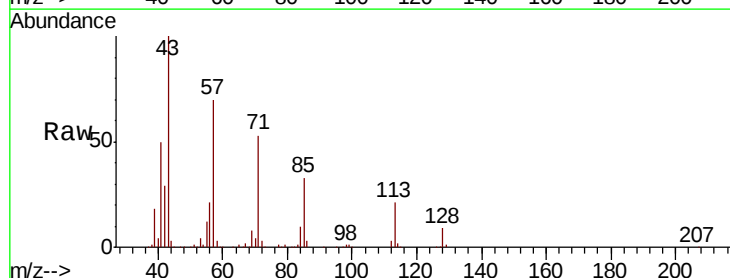
Instrument :
MSVOA_N
ClientSampled :
EP1-MW-D(8-12)

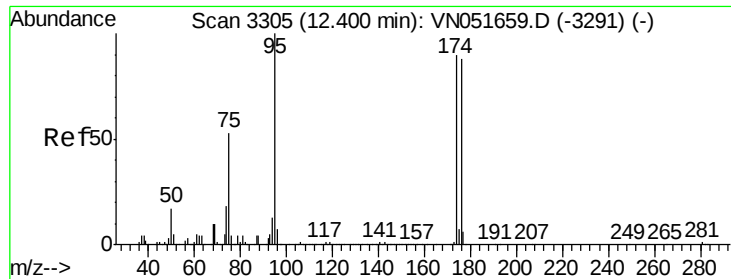
Tot Ion: 69 Resp: 32437
Ion Ratio Lower Upper
69 100
41 155.4 46.4 69.6#
39 82.9 32.4 48.6#



#59
2-Hexanone
Concen: 75.072 ug/l
RT: 10.72 min Scan# 2782
Delta R.T. -0.04 min
Lab File: VN051790.D
Acq: 10 Oct 2018 14:55

Tgt Ion: 43 Resp: 363043
Ion Ratio Lower Upper
43 100
58 3.1 28.8 86.4#

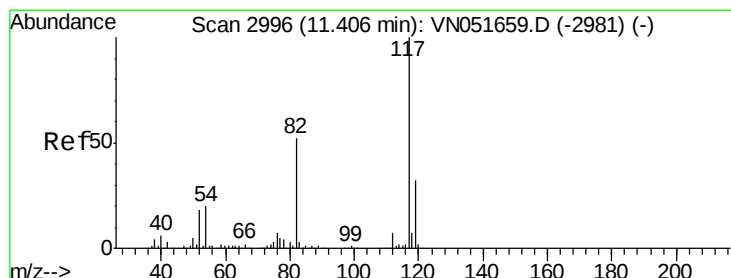
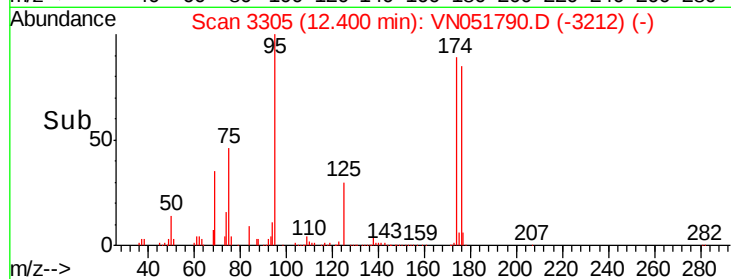
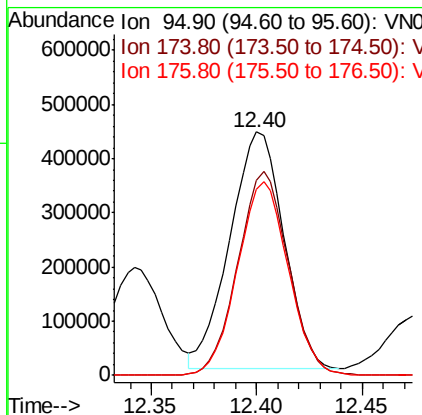
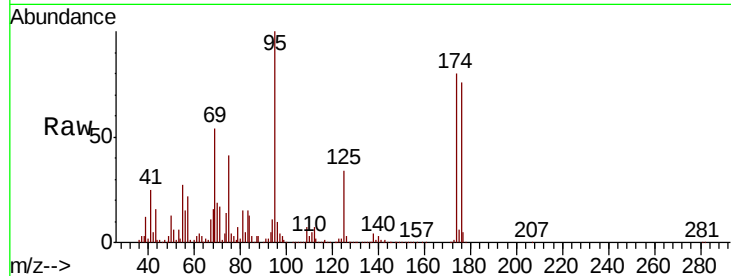




#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN051790.D
Acq: 10 Oct 2018 14:55

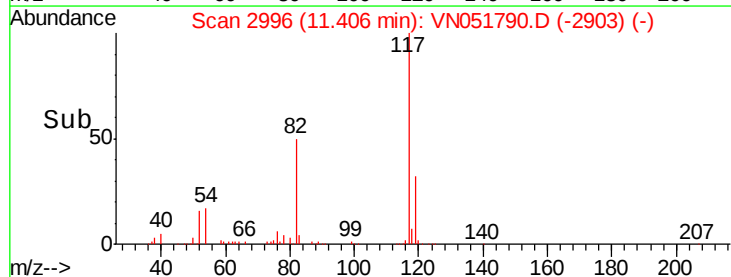
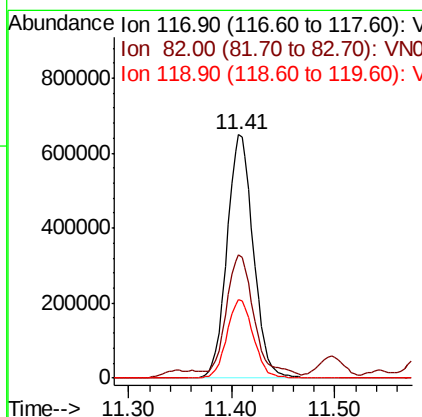
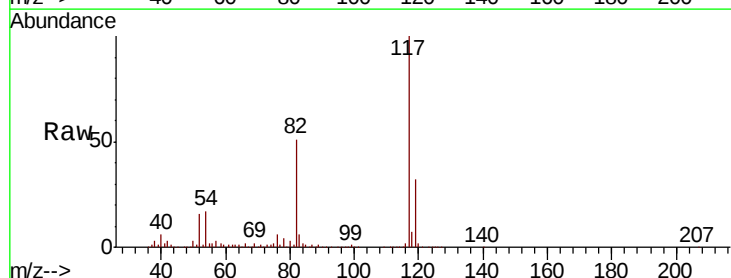
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-D(8-12)

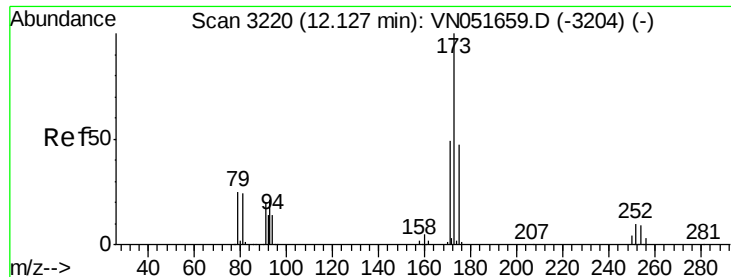
Tot Ion: 95 Resp: 775717
Ion Ratio Lower Upper
95 100
174 80.8 0.0 182.8
176 77.4 0.0 176.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN051790.D
Acq: 10 Oct 2018 14:55

Tgt Ion: 117 Resp: 1151764
Ion Ratio Lower Upper
117 100
82 47.5 41.3 61.9
119 32.1 25.9 38.9





#71

Bromoform

Concen: 0.593 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN051790.D

Acq: 10 Oct 2018 14:55

Instrument :

MSVOA_N

ClientSampled :

EP1-MW-D(8-12)

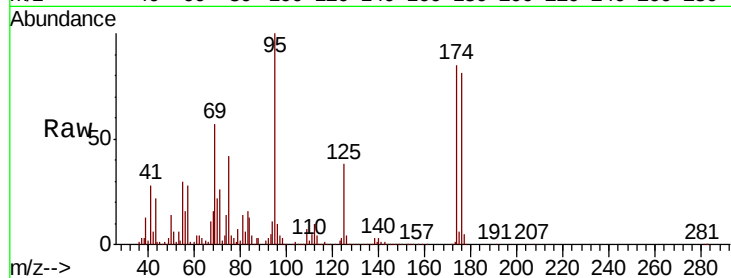
Tot Ion:173 Resp: 5040

Ion Ratio Lower Upper

173 100

175 778.7 24.0 72.0#

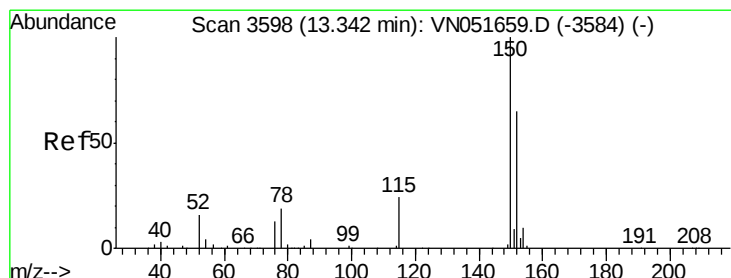
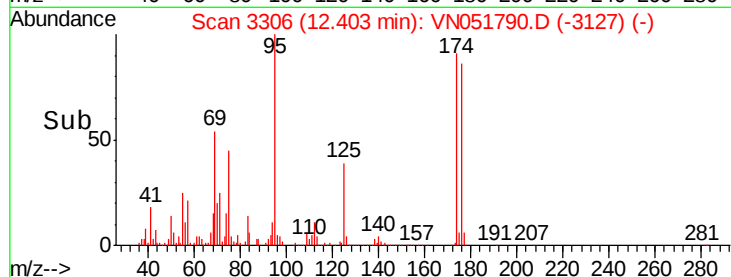
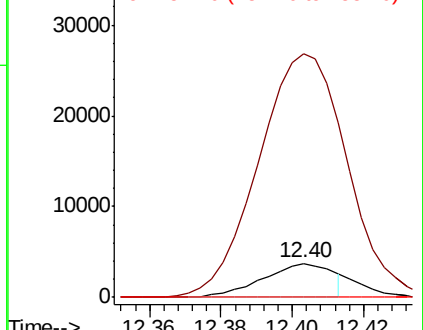
254 0.0 0.1 0.1#



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: VN051790.D

Acq: 10 Oct 2018 14:55

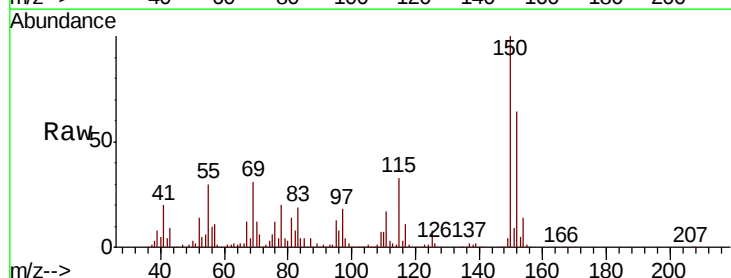
Tgt Ion:152 Resp: 746003

Ion Ratio Lower Upper

152 100

115 48.9 28.6 85.8

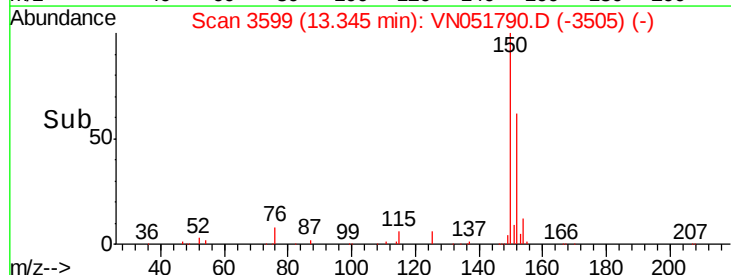
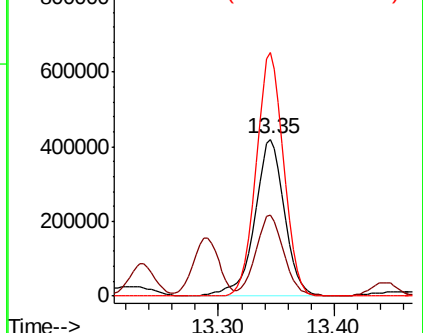
150 144.0 0.0 352.4

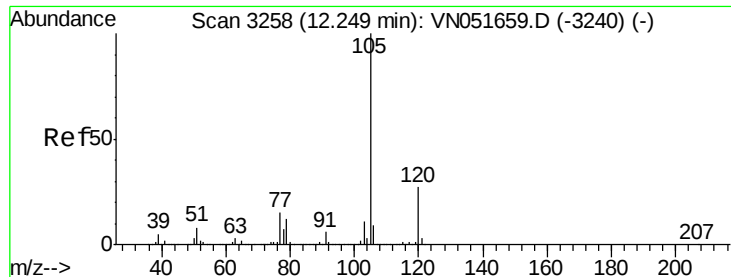


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 2.807 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN051790.D

Acq: 10 Oct 2018 14:55

Instrument :

MSVOA_N

ClientSampleId :

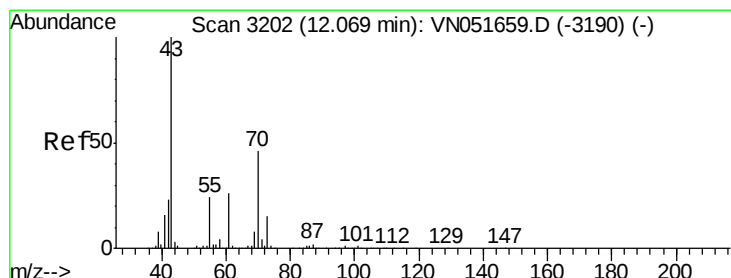
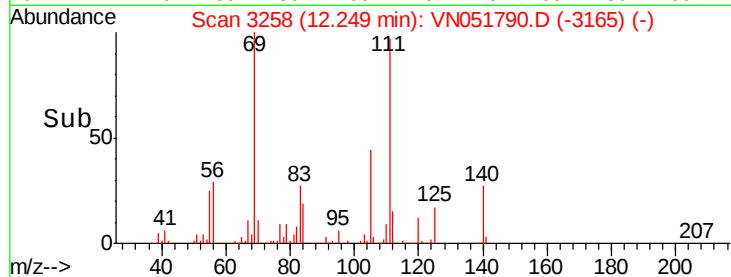
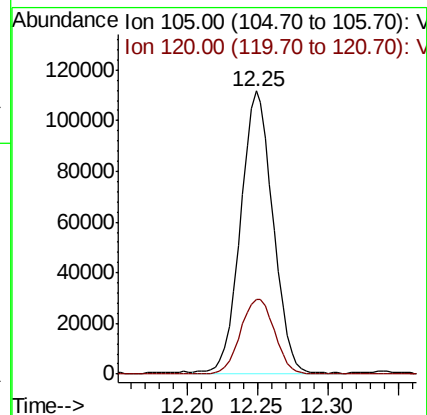
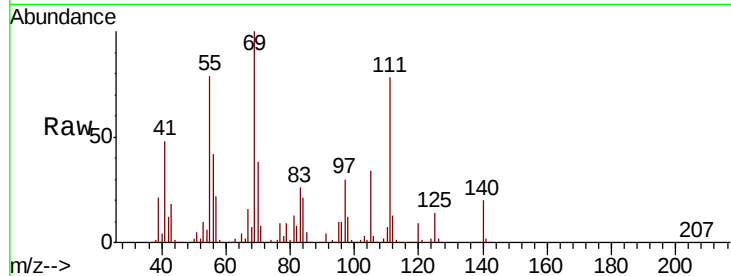
EP1-MW-D(8-12)

Tot Ion:105 Resp: 178524

Ion Ratio Lower Upper

105 100

120 27.9 13.9 41.6



#74

N-ethyl acetate

Concen: 120.049 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.02 min

Lab File: VN051790.D

Acq: 10 Oct 2018 14:55

Tgt Ion: 43 Resp: 1517385

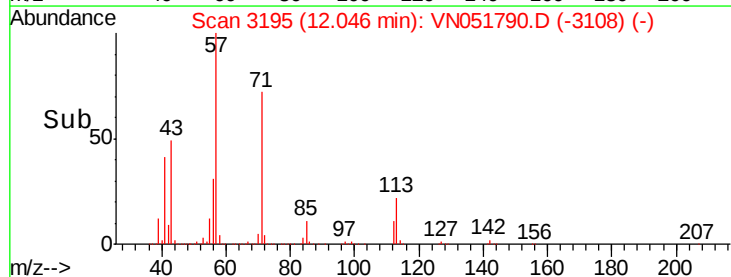
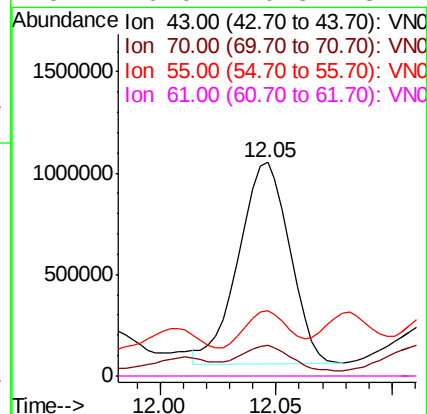
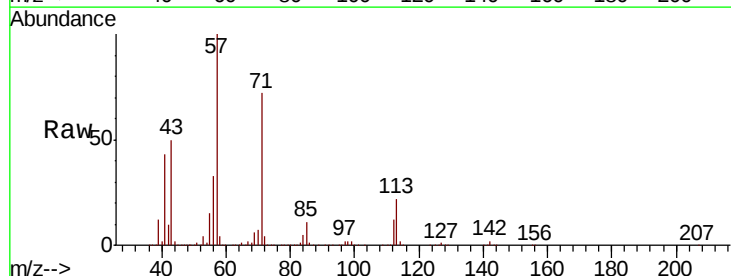
Ion Ratio Lower Upper

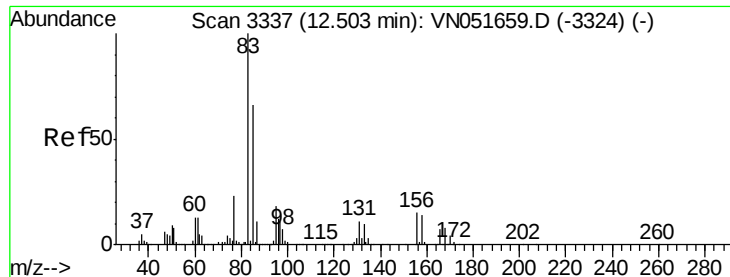
43 100

70 11.6 37.1 55.7#

55 25.1 19.1 28.7

61 0.0 20.8 31.2#





#75

1,1,2,2-Tetrachloroethane

Concen: 9.518 ug/l

RT: 12.47 min Scan# 3328

Delta R.T. -0.03 min

Lab File: VN051790.D

Acq: 10 Oct 2018 14:55

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-D(8-12)

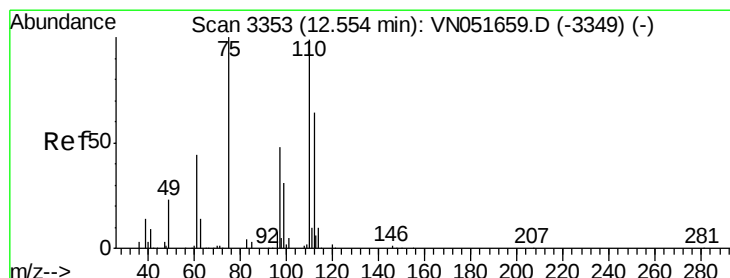
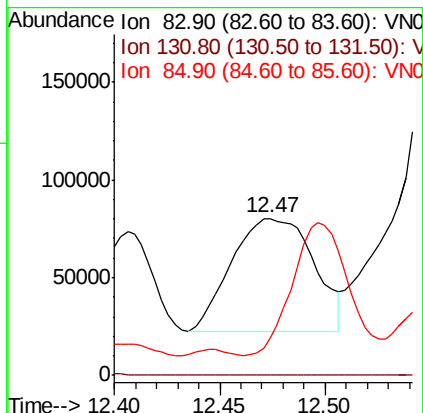
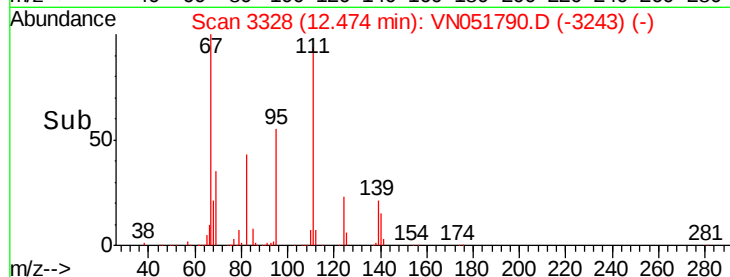
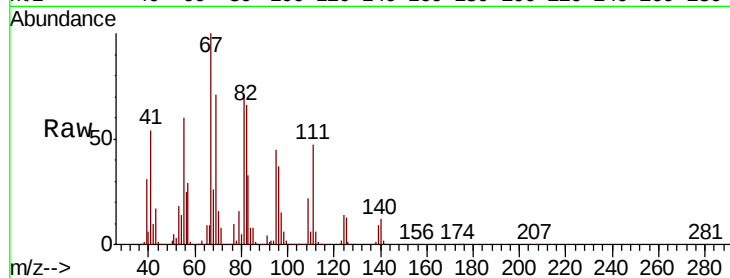
Tot Ion: 83 Resp: 156000

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: 32.212 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN051790.D

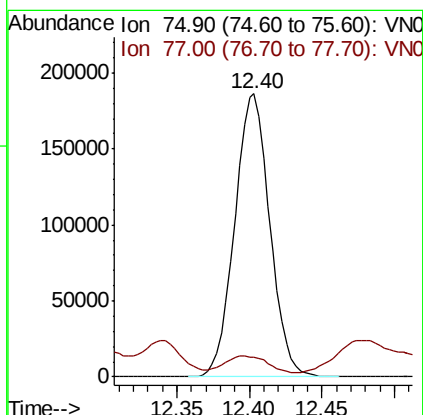
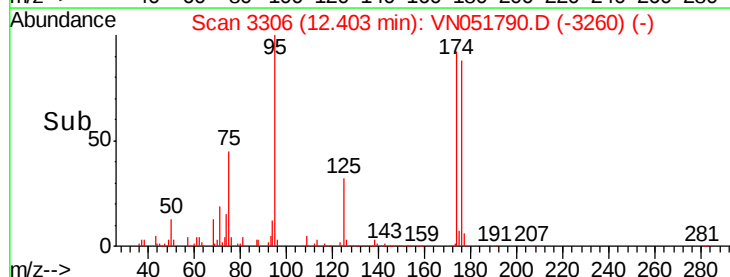
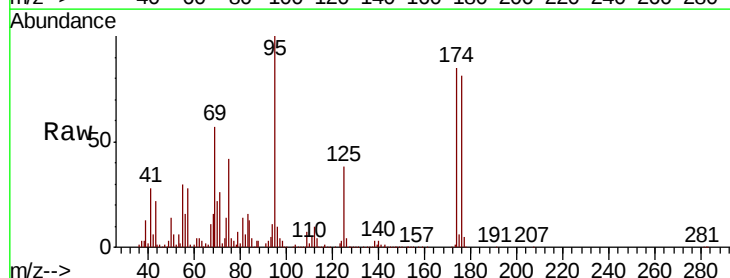
Acq: 10 Oct 2018 14:55

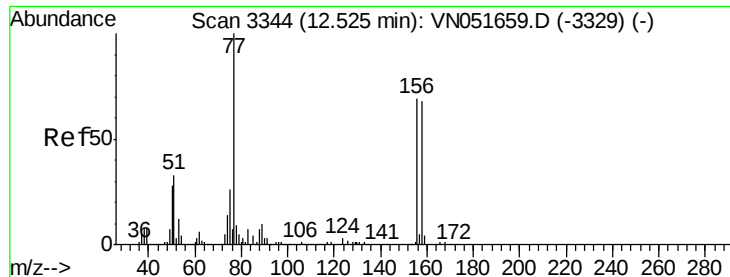
Tgt Ion: 75 Resp: 312117

Ion Ratio Lower Upper

75 100

77 7.0 0.0 0.0#





#77

Bromobenzene

Concen: 0.230 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.02 min

Lab File: VN051790.D

Acq: 10 Oct 2018 14:55

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-D(8-12)

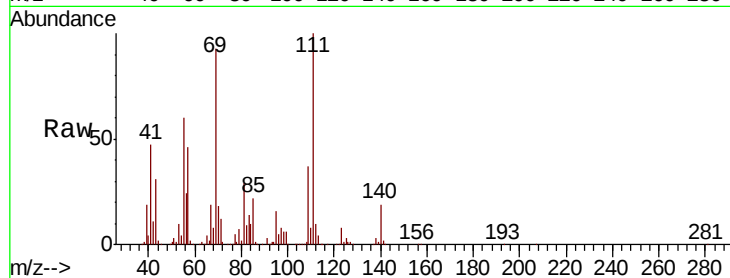
Tot Ion:156 Resp: 3582

Ion Ratio Lower Upper

156 100

77 0.0 83.2 249.4#

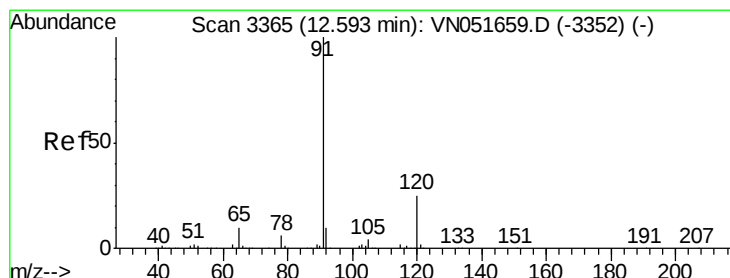
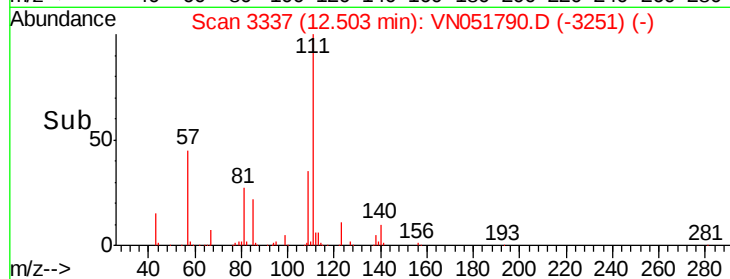
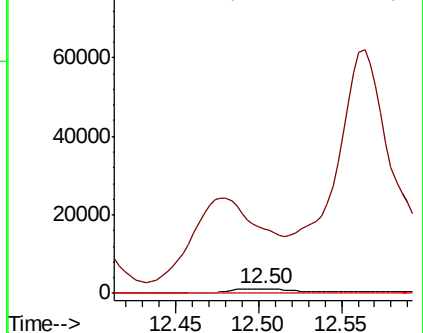
158 3.0 49.0 147.2#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 7.639 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. -0.00 min

Lab File: VN051790.D

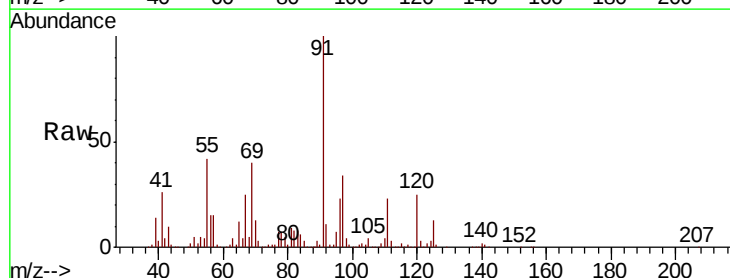
Acq: 10 Oct 2018 14:55

Tgt Ion: 91 Resp: 529881

Ion Ratio Lower Upper

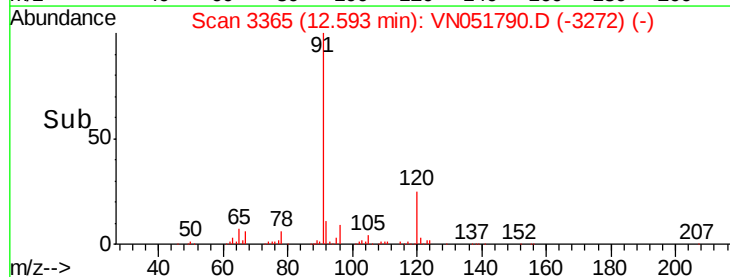
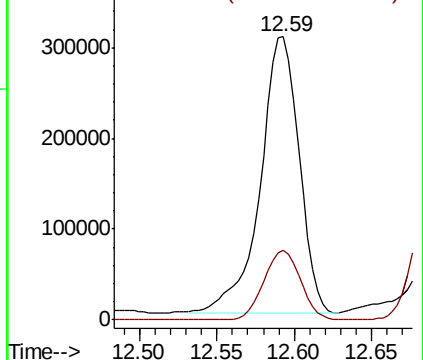
91 100

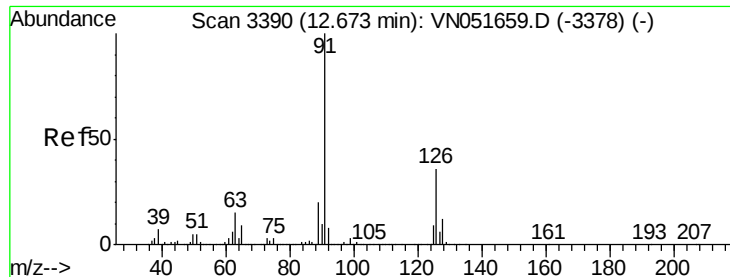
120 23.9 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

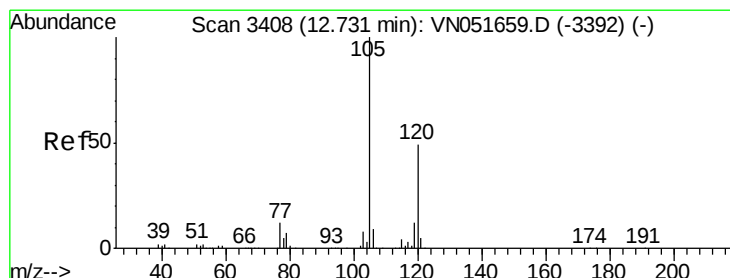
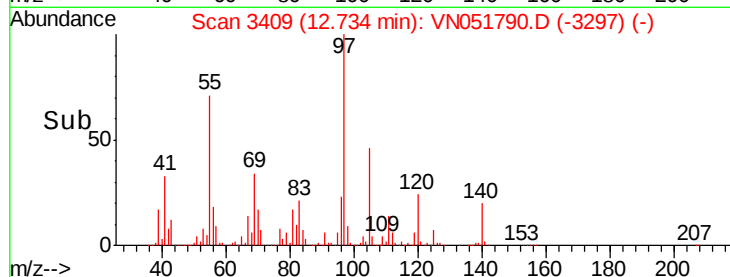
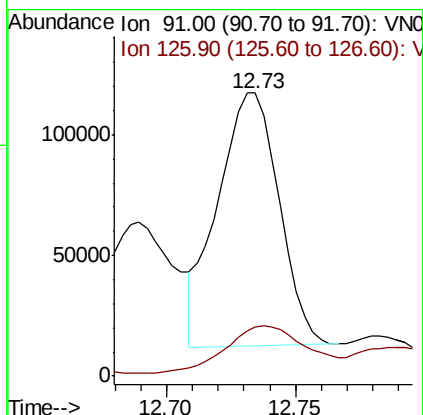
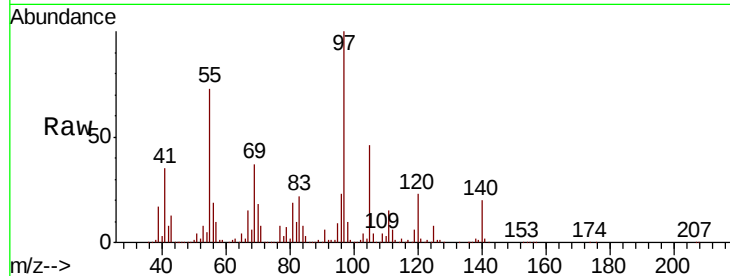




#79
2-Chlorotoluene
Concen: 4.230 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. 0.06 min
Lab File: VN051790.D
Acq: 10 Oct 2018 14:55

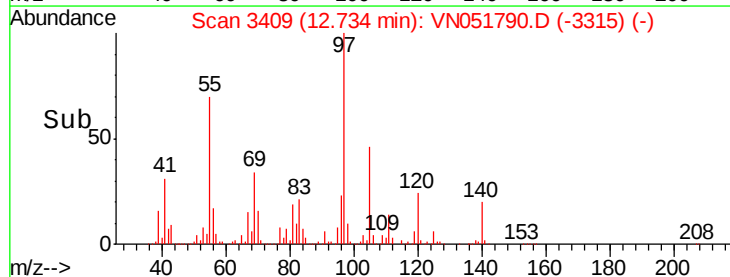
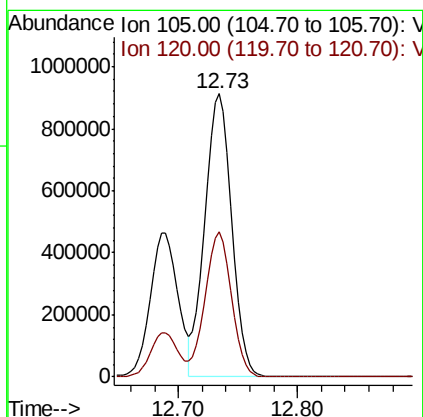
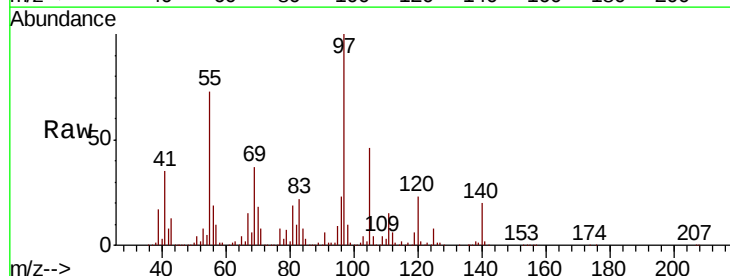
Instrument :
MSVOA_N
ClientSampled :
EP1-MW-D(8-12)

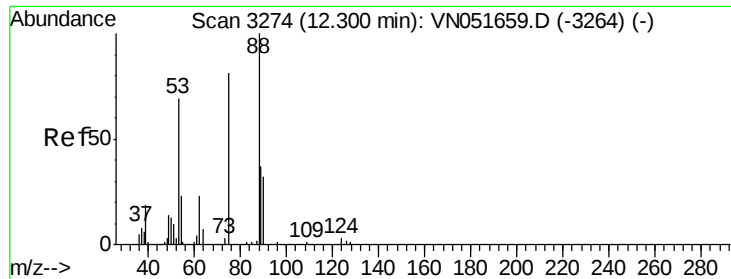
Tot Ion: 91 Resp: 172922
Ion Ratio Lower Upper
91 100
126 24.8 18.5 55.5



#80
1,3,5-Trimethylbenzene
Concen: 26.534 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. 0.00 min
Lab File: VN051790.D
Acq: 10 Oct 2018 14:55

Tgt Ion: 105 Resp: 1421977
Ion Ratio Lower Upper
105 100
120 50.4 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 76.907 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN051790.D

Acq: 10 Oct 2018 14:55

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-D(8-12)

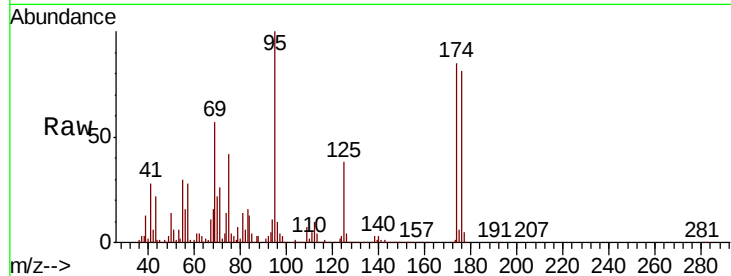
Tot Ion: 75 Resp: 312117

Ion Ratio Lower Upper

75 100

53 12.1 68.6 102.8#

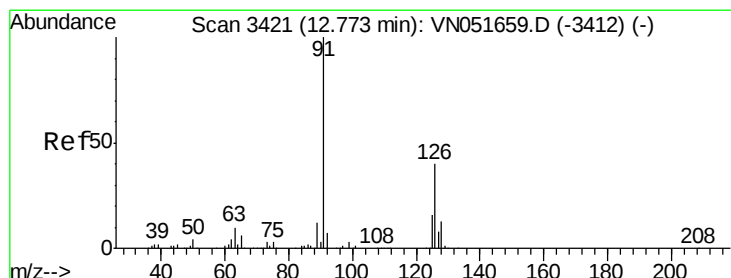
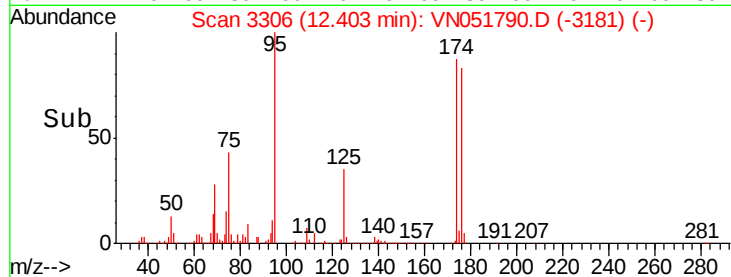
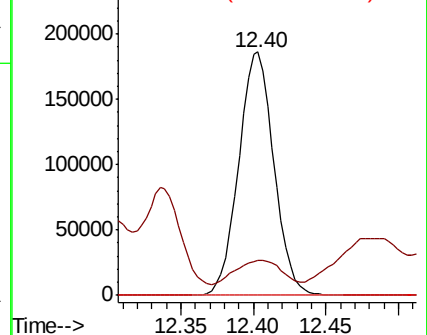
89 0.1 39.4 59.2#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 4.213 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. -0.04 min

Lab File: VN051790.D

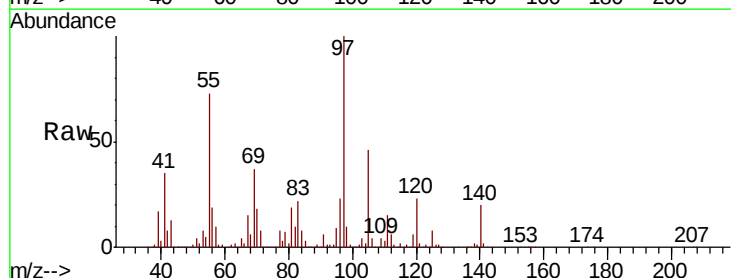
Acq: 10 Oct 2018 14:55

Tgt Ion: 91 Resp: 172989

Ion Ratio Lower Upper

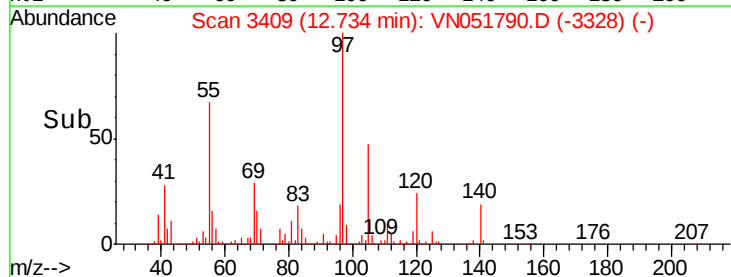
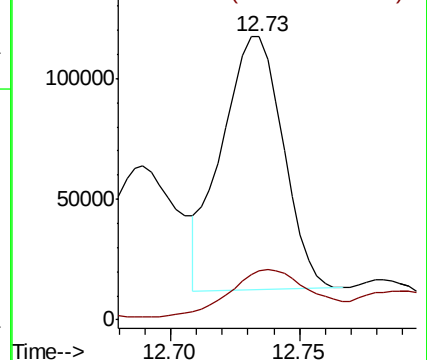
91 100

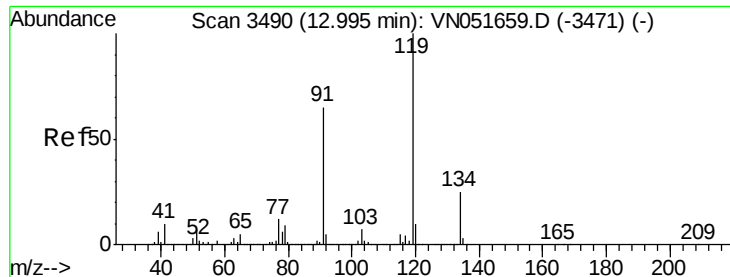
126 24.8 18.0 54.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

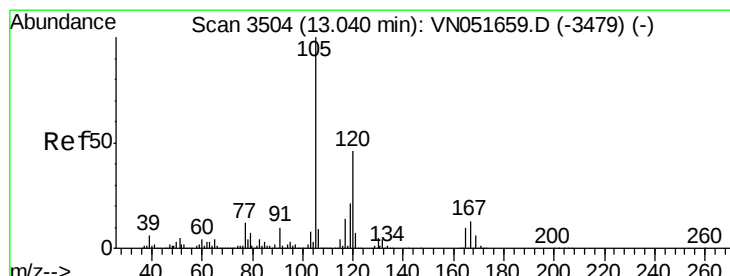
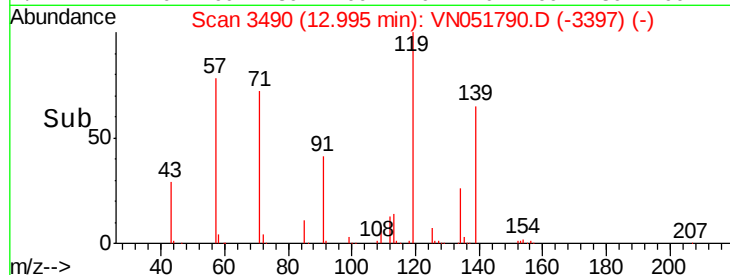
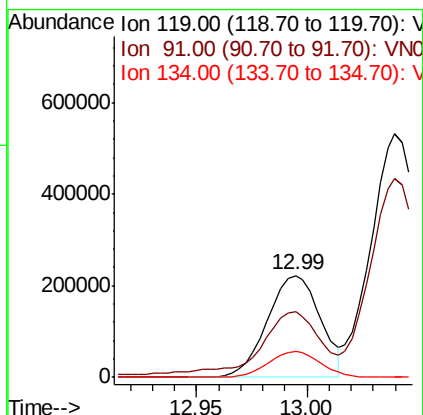
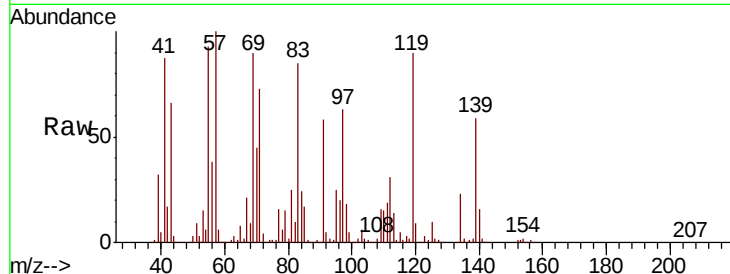




#83
 tert-Butylbenzene
 Concen: 7.693 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. -0.00 min
 Lab File: VN051790.D
 Acq: 10 Oct 2018 14:55

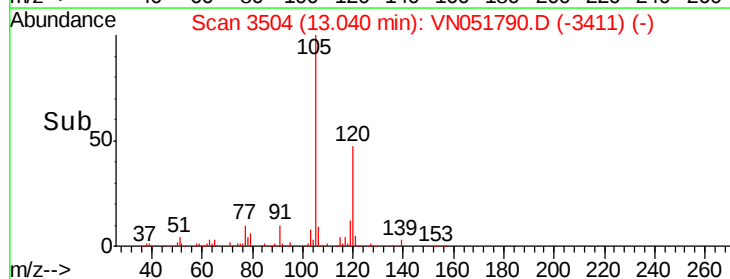
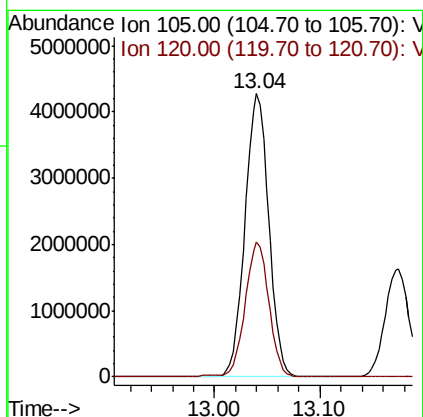
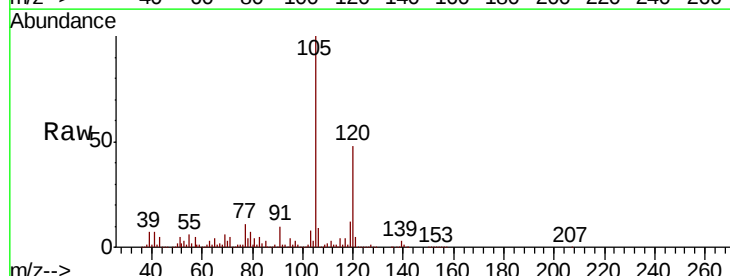
Instrument :
 MSVOA_N
 ClientSampled :
 EP1-MW-D(8-12)

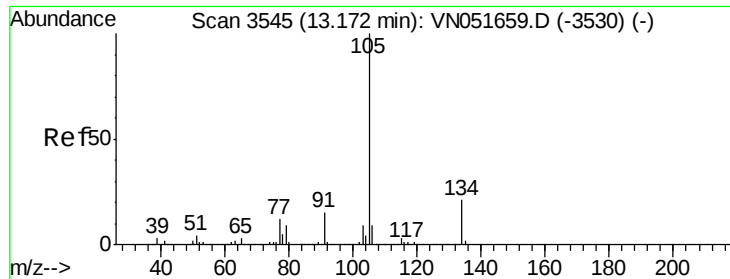
Tot Ion:119 Resp: 369401
 Ion Ratio Lower Upper
 119 100
 91 66.9 32.1 96.5
 134 24.8 13.3 39.9



#84
 1,2,4-Trimethylbenzene
 Concen: 124.536 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN051790.D
 Acq: 10 Oct 2018 14:55

Tgt Ion:105 Resp: 6685053
 Ion Ratio Lower Upper
 105 100
 120 47.5 22.9 68.7





#85

sec-Butylbenzene

Concen: 40.646 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN051790.D

Acq: 10 Oct 2018 14:55

Instrument :

MSVOA_N

ClientSampleId :

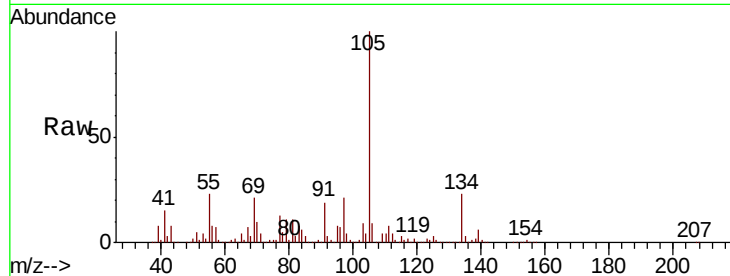
EP1-MW-D(8-12)

Tot Ion:105 Resp: 2581873

Ion Ratio Lower Upper

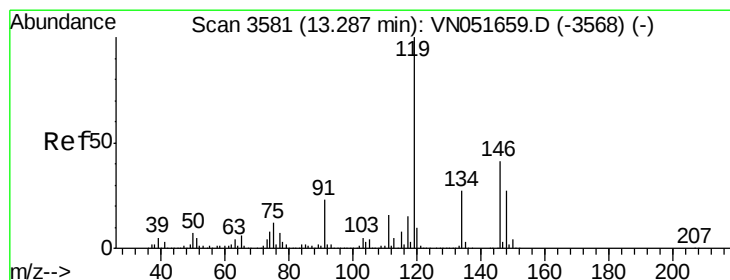
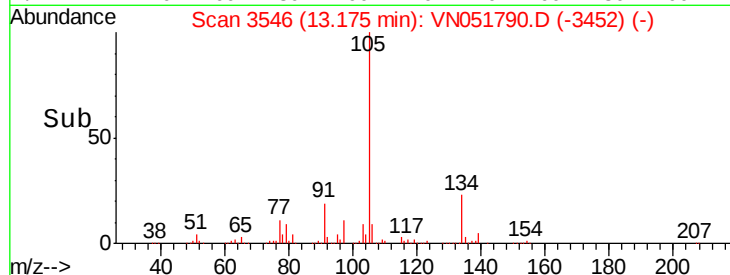
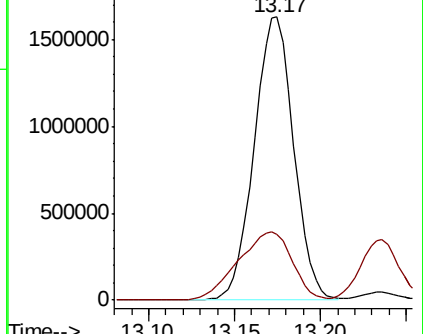
105 100

134 33.2 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: 56.424 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN051790.D

Acq: 10 Oct 2018 14:55

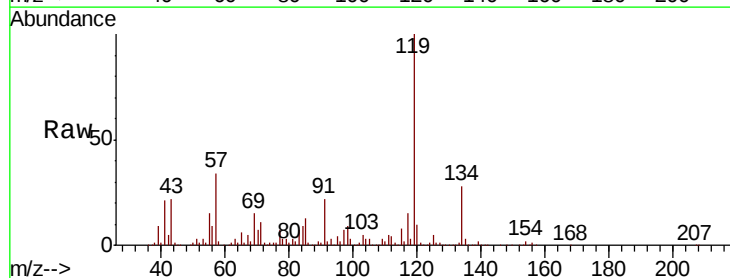
Tgt Ion:119 Resp: 3177318

Ion Ratio Lower Upper

119 100

134 27.8 13.4 40.2

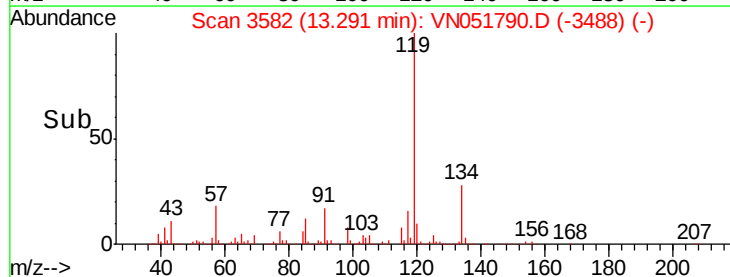
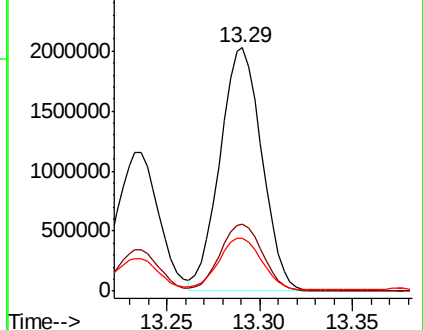
91 21.9 11.7 35.1

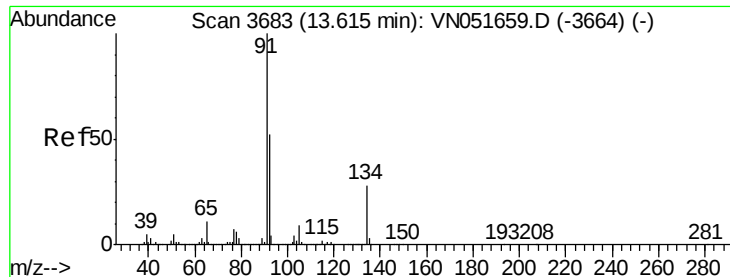


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VNO

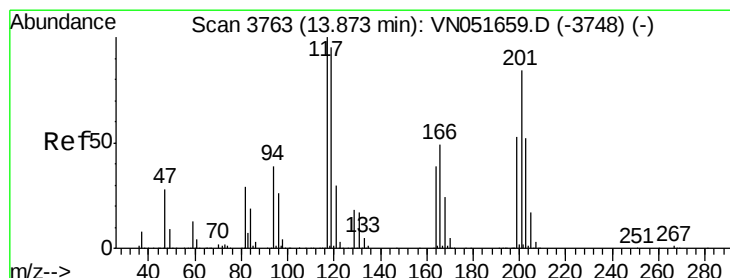
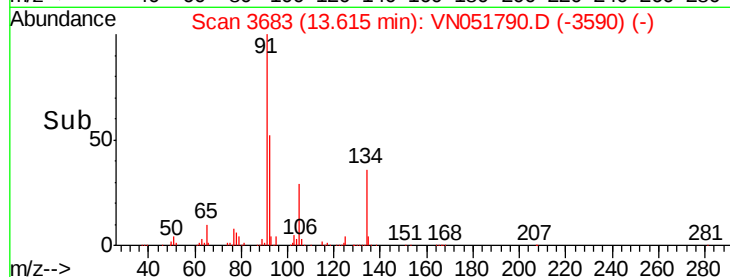
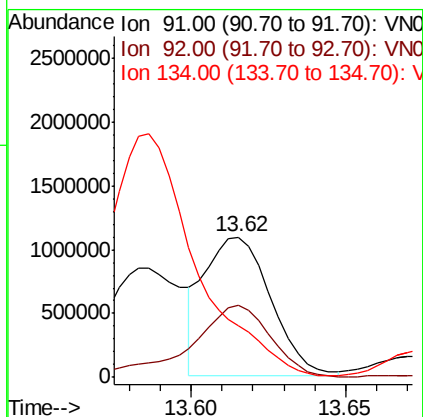
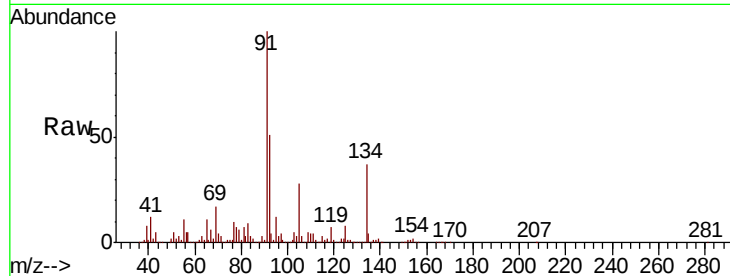




#89
n-Butylbenzene
Concen: 36.216 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. -0.00 min
Lab File: VN051790.D
Acq: 10 Oct 2018 14:55

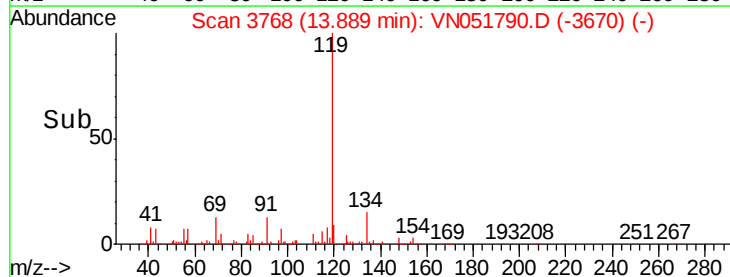
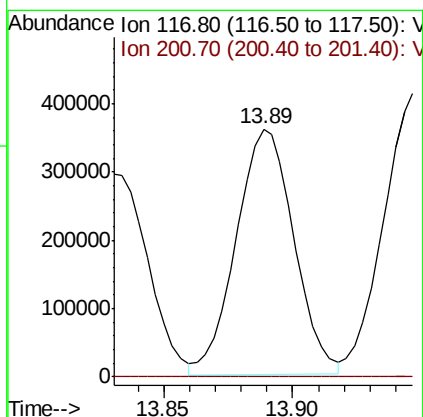
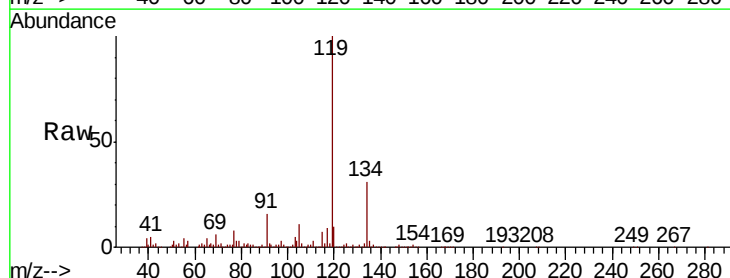
Instrument :
MSVOA_N
ClientSampled :
EP1-MW-D(8-12)

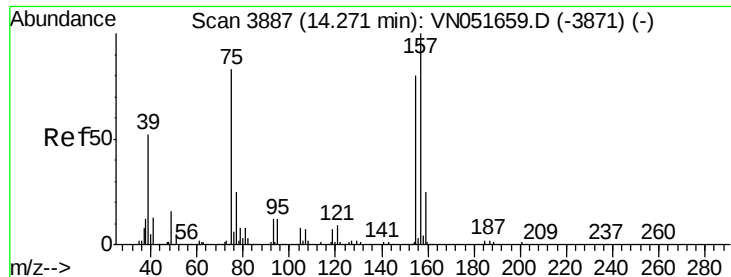
Tot Ion: 91 Resp: 1612465
Ion Ratio Lower Upper
91 100
92 61.9 26.0 78.0
134 0.0 14.2 42.6#



#90
Hexachloroethane
Concen: 49.790 ug/l
RT: 13.89 min Scan# 3768
Delta R.T. 0.02 min
Lab File: VN051790.D
Acq: 10 Oct 2018 14:55

Tgt Ion: 117 Resp: 559397
Ion Ratio Lower Upper
117 100
201 0.0 42.4 127.3#





#92

1,2-Dibromo-3-Chloropropane

Concen: 3.494 ug/l

RT: 14.29 min Scan# 3894

Delta R.T. 0.02 min

Lab File: VN051790.D

Acq: 10 Oct 2018 14:55

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-D(8-12)

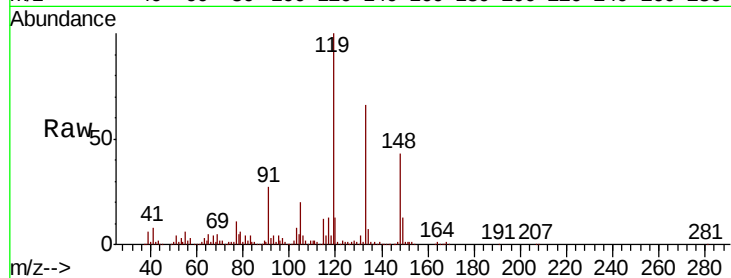
Tot Ion: 75 Resp: 7805

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): VN051790.D (-3794) (-)

Ion 154.80 (154.50 to 155.50): VN051790.D (-3794) (-)

Ion 156.80 (156.50 to 157.50): VN051790.D (-3794) (-)

