

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091018\
 Data File : VN051085.D
 Acq On : 10 Sep 2018 18:13
 Operator : MD\SY
 Sample : J4693-20ME
 Misc : 6.55g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-H(7-10)ME

Quant Time: Sep 11 03:22:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 02:27:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	639900	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	958830	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	926184	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	437867	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.02	65	370900	52.08	ug/l	0.00
Spiked Amount			Recovery	=	104.16%	
35) Dibromofluoromethane	7.59	113	357325	49.60	ug/l	0.00
Spiked Amount			Recovery	=	99.20%	
50) Toluene-d8	10.09	98	1359095	49.71	ug/l	0.00
Spiked Amount			Recovery	=	99.42%	
62) 4-Bromofluorobenzene	12.40	95	496971	54.95	ug/l	0.00
Spiked Amount			Recovery	=	109.90%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.05	50	4228	Below Cal		95
5) Bromomethane	2.51	94	2980	Below Cal		89
10) Methyl Iodide	3.94	142	3167	6.05	ug/l #	91
11) Tert butyl alcohol	4.74	59	7775	14.29	ug/l #	73
13) Acrolein	3.62	56	109	24.43	ug/l #	81
16) Acetone	3.83	43	2881	Below Cal	#	81
17) Carbon Disulfide	4.03	76	4857	0.35	ug/l #	76
18) Methyl Acetate	4.34	43	4657	0.82	ug/l #	76
20) Methylene Chloride	4.54	84	3821	0.49	ug/l	90
25) 2-Butanone	6.86	43	892	0.32	ug/l #	46
31) Cyclohexane	7.66	56	10105	0.64	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	40840	3.88	ug/l #	47
38) Carbon Tetrachloride	7.66	117	54588	5.27	ug/l #	16
43) Isopropyl Acetate	8.24	43	4204	0.39	ug/l #	50
55) 1,1,2-Trichloroethane	10.53	97	3746	0.53	ug/l #	19
56) Ethyl methacrylate	10.43	69	1710	2.63	ug/l #	2
59) 2-Hexanone	10.72	43	24072	5.97	ug/l #	26
73) Isopropylbenzene	12.25	105	95564	2.60	ug/l	99
74) N-amyl acetate	12.04	43	337724	36.55	ug/l #	61
75) 1,1,2,2-Tetrachloroethane	12.48	83	27595	1.74	ug/l #	21
76) 1,2,3-Trichloropropane	12.40	75	220940	32.01	ug/l #	100
78) n-propylbenzene	12.59	91	300469	7.44	ug/l	99
79) 2-Chlorotoluene	12.73	91	16219	0.64	ug/l	93
80) 1,3,5-Trimethylbenzene	12.73	105	133285	4.49	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	220940	95.83	ug/l #	18
82) 4-Chlorotoluene	12.73	91	16219	0.65	ug/l	92
83) tert-Butylbenzene	12.99	119	31668	1.21	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	1928315	66.06	ug/l	100
85) sec-Butylbenzene	13.17	105	243143	7.23	ug/l #	74
86) p-Isopropyltoluene	13.29	119	248229	8.71	ug/l	100
89) n-Butylbenzene	13.61	91	210476	9.49	ug/l #	75
90) Hexachloroethane	13.89	117	39476	7.08	ug/l #	2
92) 1,2-Dibromo-3-Chloropropan	14.25	75	1755	2.04	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.91	180	2143	4.23	ug/l #	1

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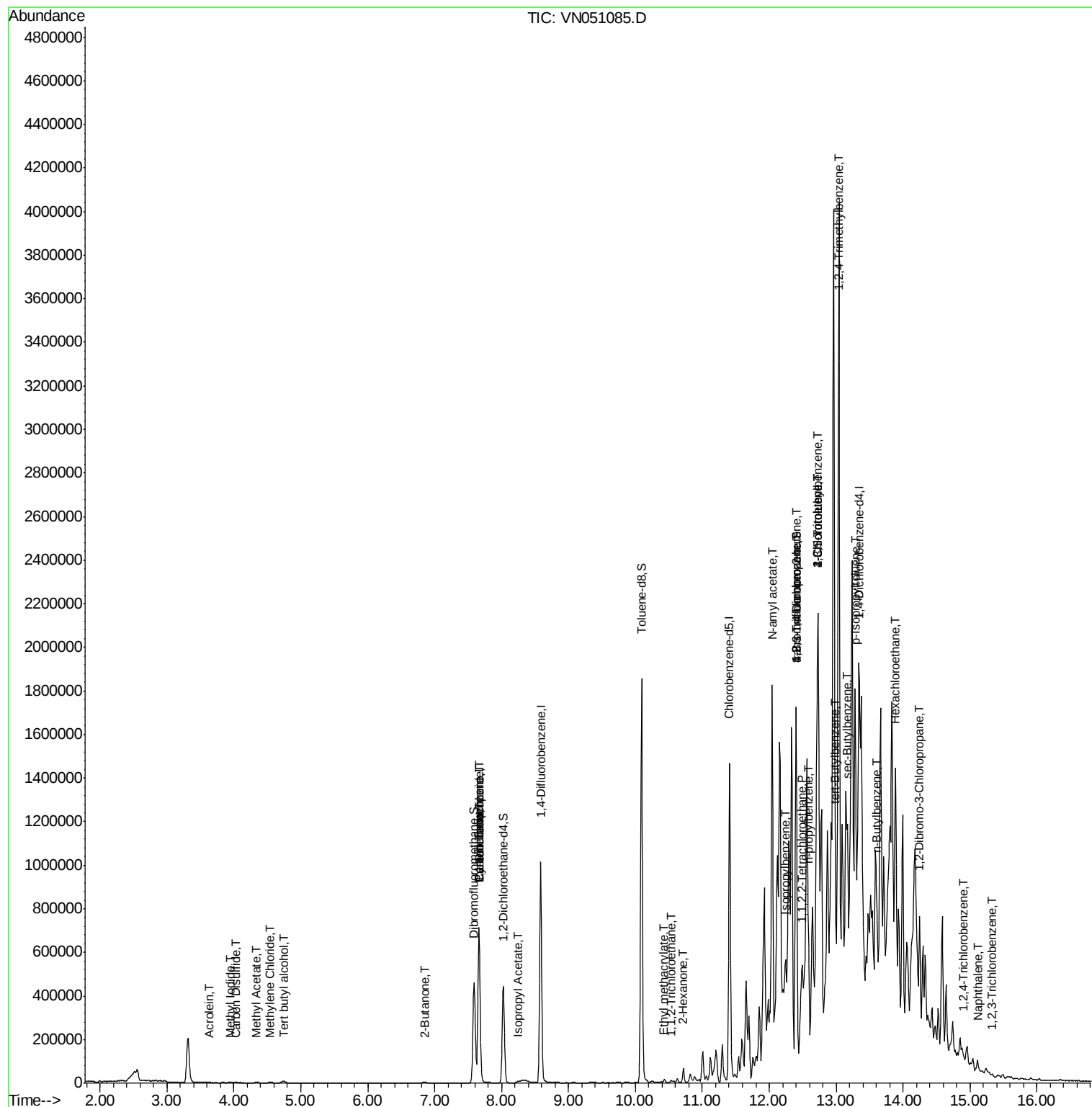
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	15.01	225	654	Below Cal	#	75
95) Naphthalene	15.13	128	8055	5.78 ug/l	#	85
96) 1,2,3-Trichlorobenzene	15.32	180	2379	3.25 ug/l	#	1

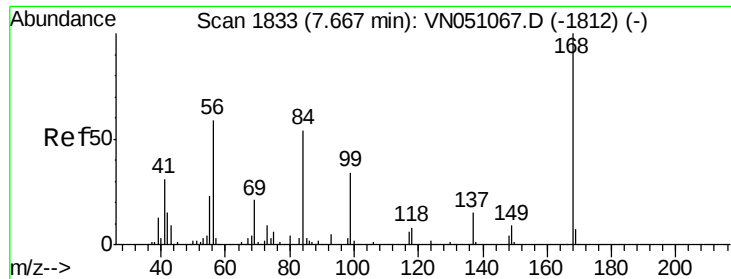
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN051085.D

Acq: 10 Sep 2018 18:13

Instrument :

MSVOA_N

ClientSampleId :

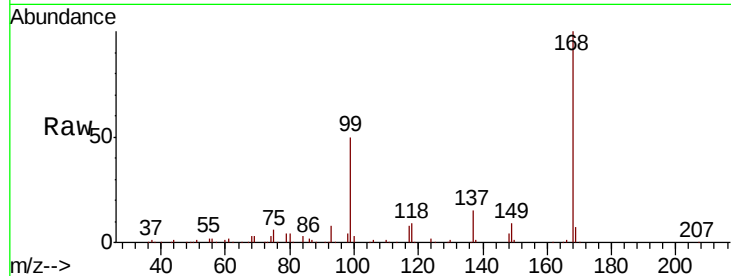
EP1-MW-H(7-10)ME

Tot Ion:168 Resp: 639900

Ion Ratio Lower Upper

168 100

99 49.6 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): VN051067.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN051067.D (-1812) (-)

7.66

250000

200000

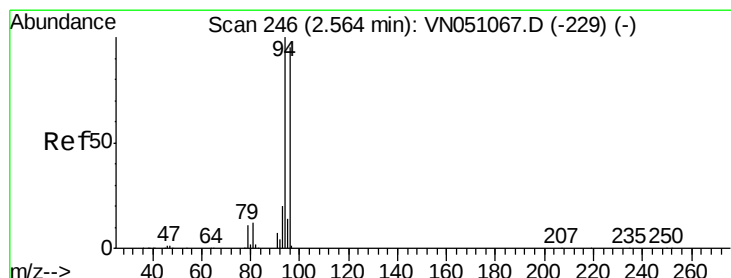
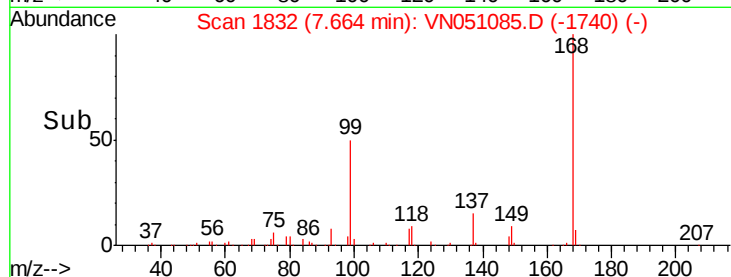
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.51 min Scan# 230

Delta R.T. -0.05 min

Lab File: VN051085.D

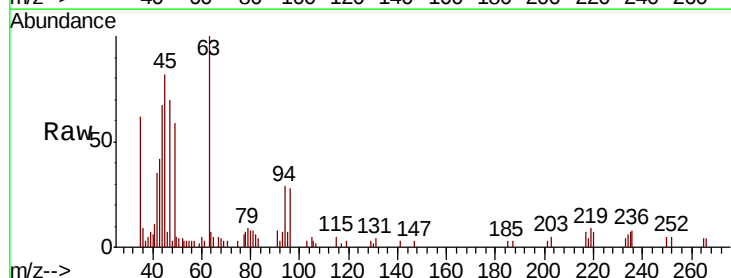
Acq: 10 Sep 2018 18:13

Tgt Ion: 94 Resp: 2980

Ion Ratio Lower Upper

94 100

96 84.2 75.9 113.9



Abundance Ion 93.90 (93.60 to 94.60): VN051067.D (-229) (-)

Ion 95.90 (95.60 to 96.60): VN051067.D (-229) (-)

2.51

2000

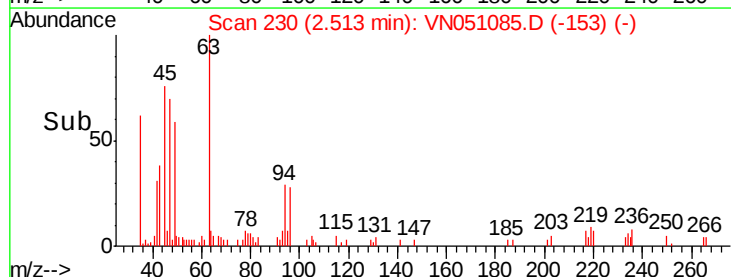
1500

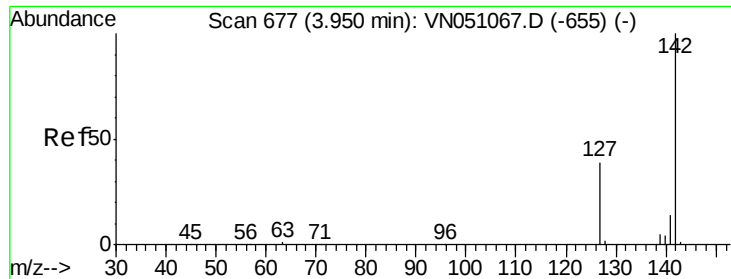
1000

500

0

Time-->

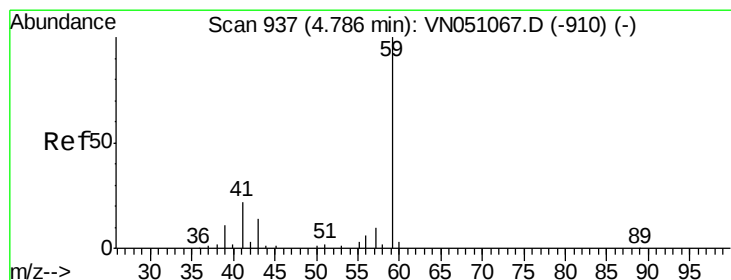
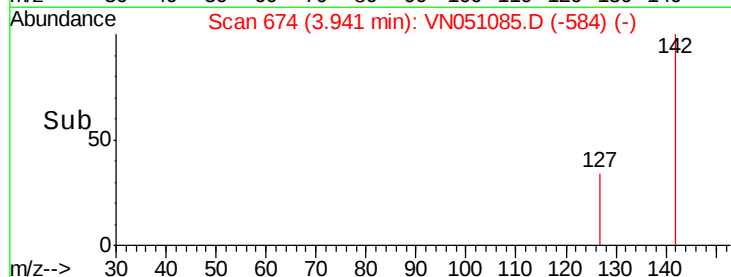
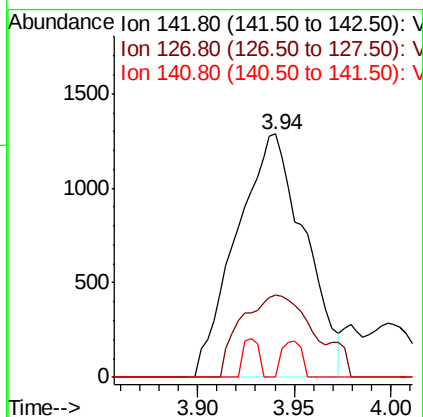
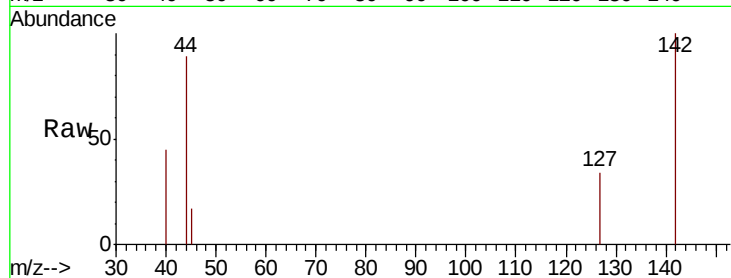




#10
Methvl Iodide
Concen: 6.05 ug/l
RT: 3.94 min Scan# 674
Delta R.T. -0.01 min
Lab File: VN051085.D
Acq: 10 Sep 2018 18:13

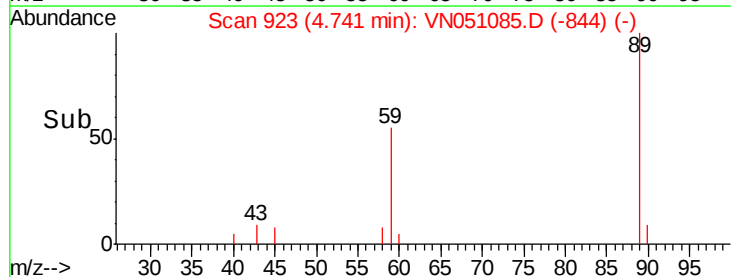
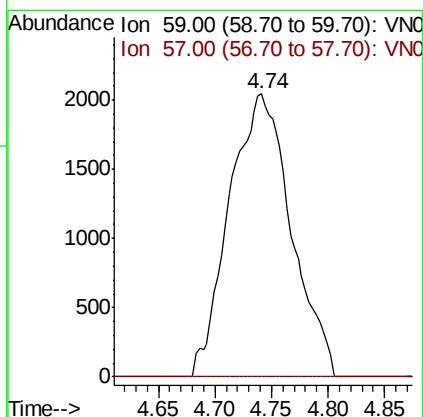
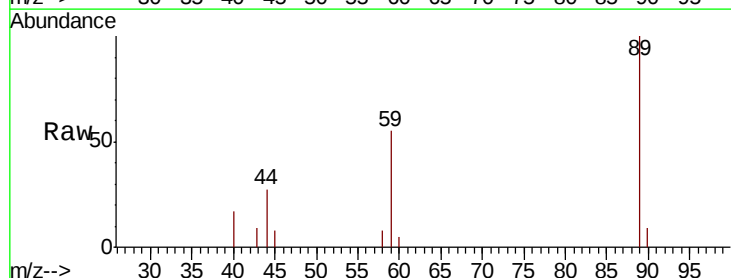
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-H(7-10)ME

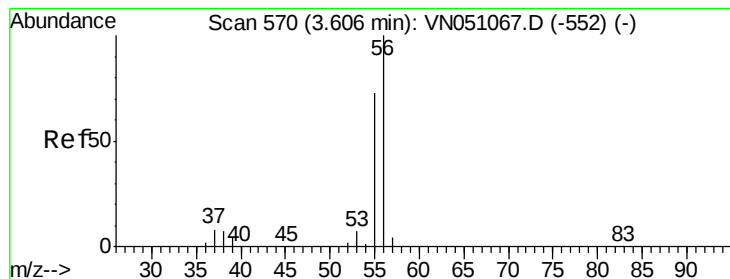
Tot Ion:142 Resp: 3167
Ion Ratio Lower Upper
142 100
127 36.3 31.0 46.4
141 4.2 11.3 16.9#



#11
Tert butyl alcohol
Concen: 14.29 ug/l
RT: 4.74 min Scan# 923
Delta R.T. -0.05 min
Lab File: VN051085.D
Acq: 10 Sep 2018 18:13

Tgt Ion: 59 Resp: 7775
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#





#13

Acrolein

Concen: 24.43 ug/l

RT: 3.62 min Scan# 573

Delta R.T. 0.01 min

Lab File: VN051085.D

Acq: 10 Sep 2018 18:13

Instrument :

MSVOA_N

ClientSampleId :

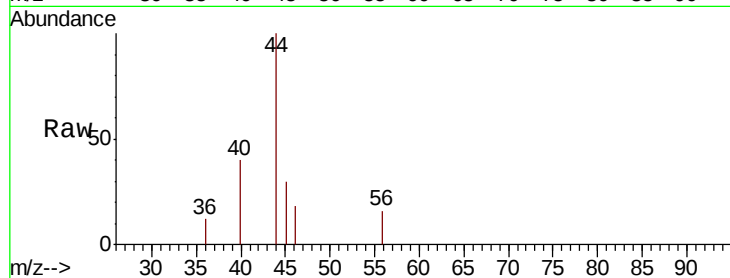
EP1-MW-H(7-10)ME

Tot Ion: 56 Resp: 109

Ion Ratio Lower Upper

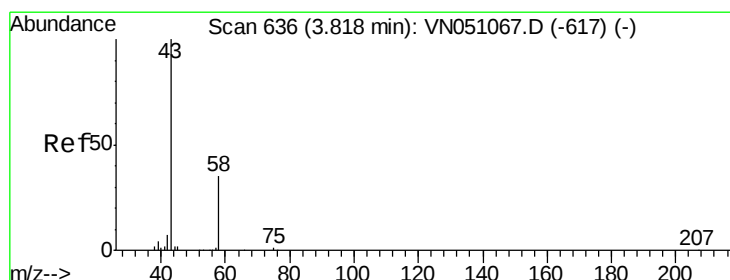
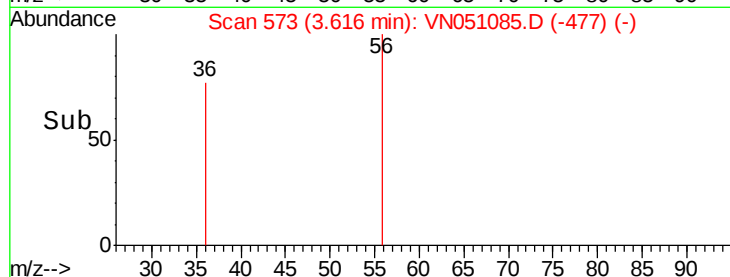
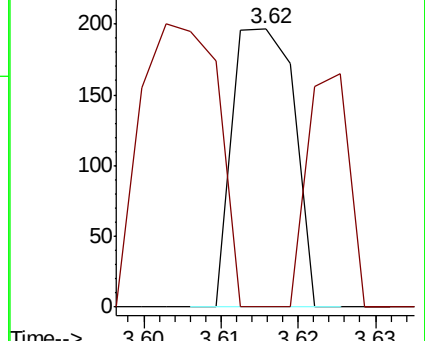
56 100

55 56.9 58.0 87.0#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#16

Acetone

Concen: Below Cal

RT: 3.83 min Scan# 640

Delta R.T. 0.01 min

Lab File: VN051085.D

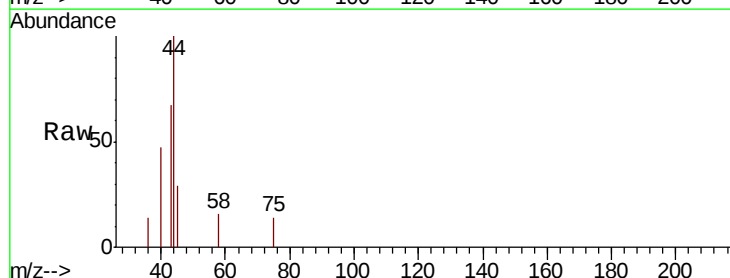
Acq: 10 Sep 2018 18:13

Tgt Ion: 43 Resp: 2881

Ion Ratio Lower Upper

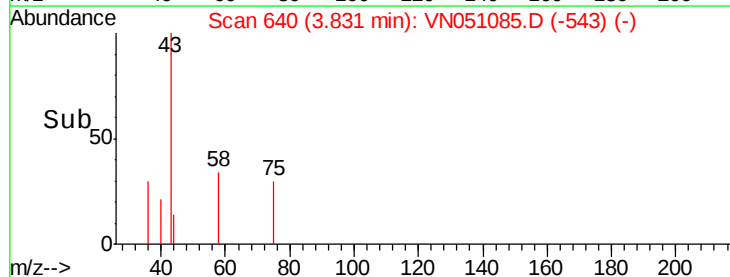
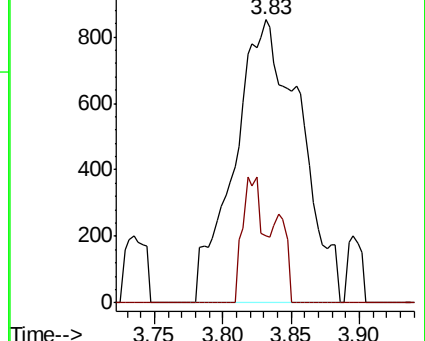
43 100

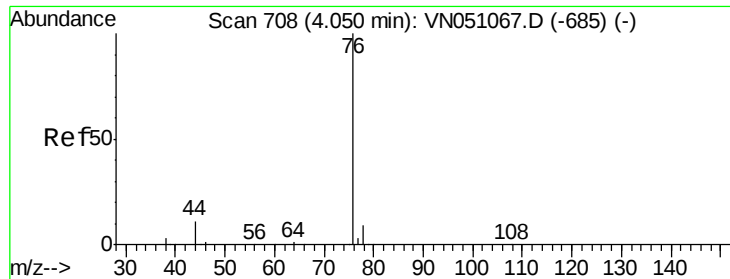
58 23.6 27.8 41.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

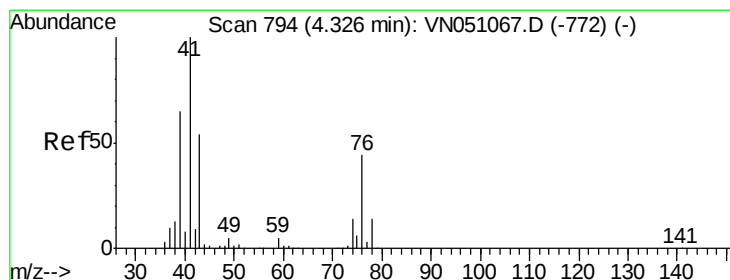
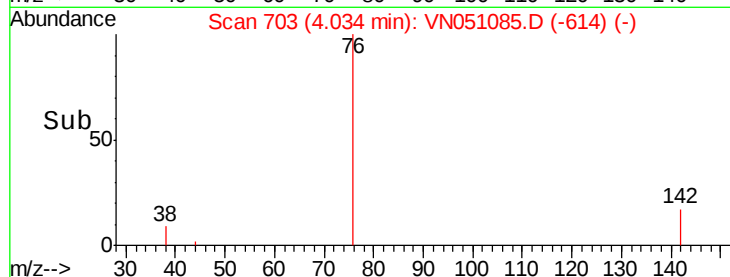
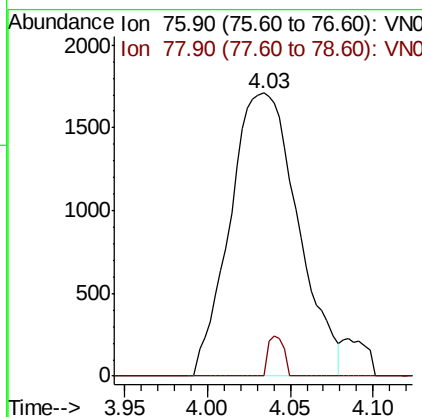
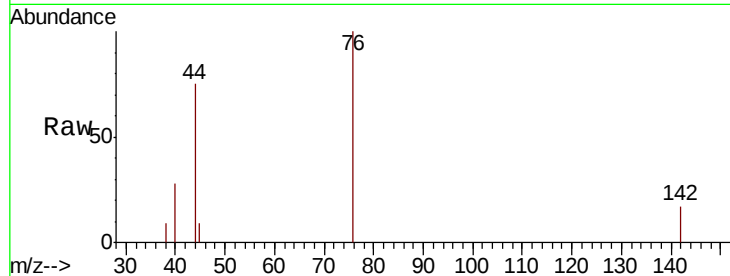




#17
Carbon Disulfide
Concen: 0.35 ug/l
RT: 4.03 min Scan# 703
Delta R.T. -0.02 min
Lab File: VN051085.D
Acq: 10 Sep 2018 18:13

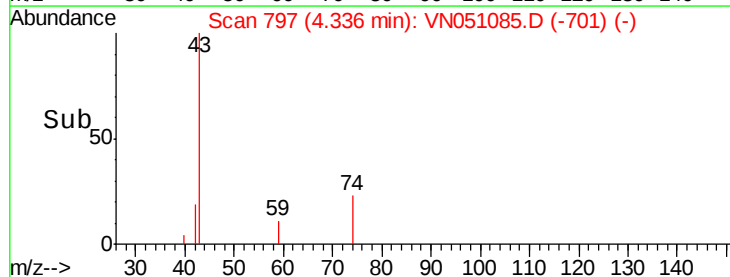
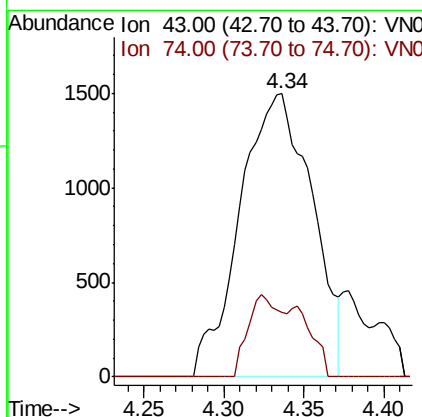
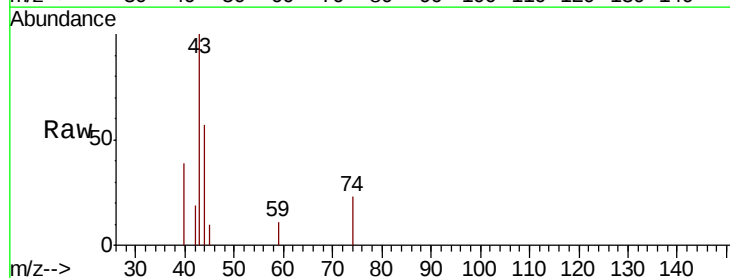
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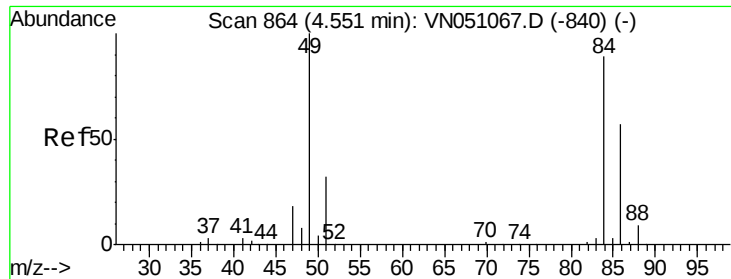
Tot Ion: 76 Resp: 4857
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#



#18
Methyl Acetate
Concen: 0.82 ug/l
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN051085.D
Acq: 10 Sep 2018 18:13

Tgt Ion: 43 Resp: 4657
Ion Ratio Lower Upper
43 100
74 13.6 20.7 31.1#

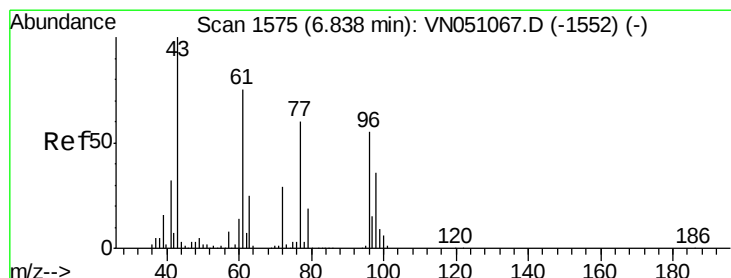
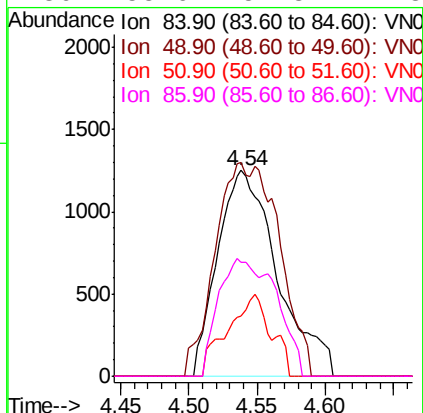
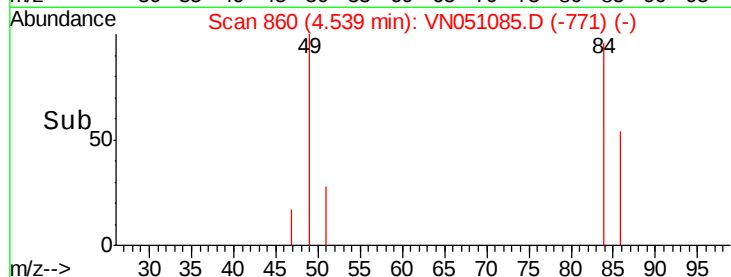
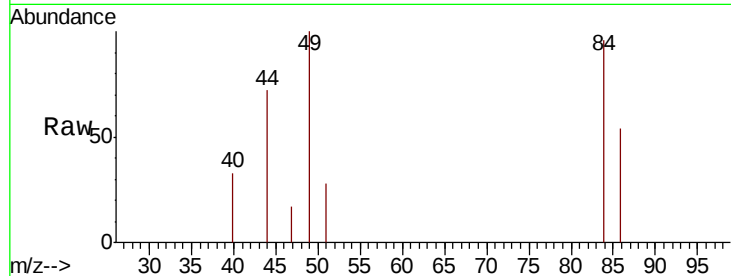




#20
Methvlene Chloride
Concen: 0.49 ug/l
RT: 4.54 min Scan# 860
Delta R.T. -0.01 min
Lab File: VN051085.D
Acq: 10 Sep 2018 18:13

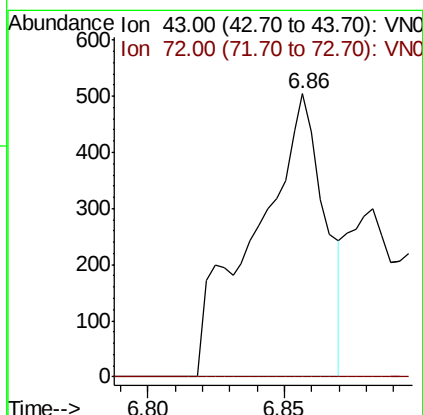
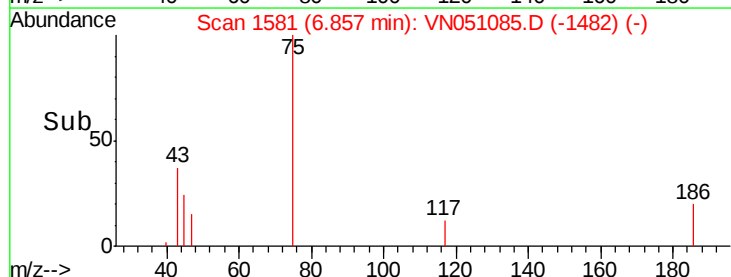
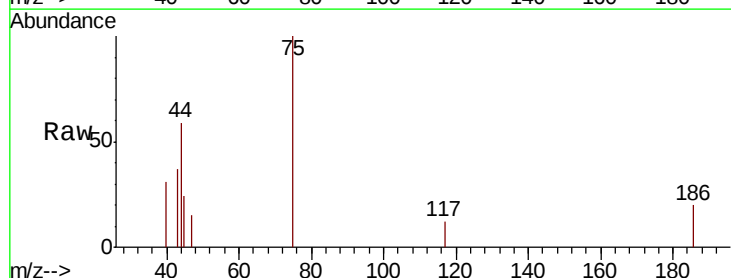
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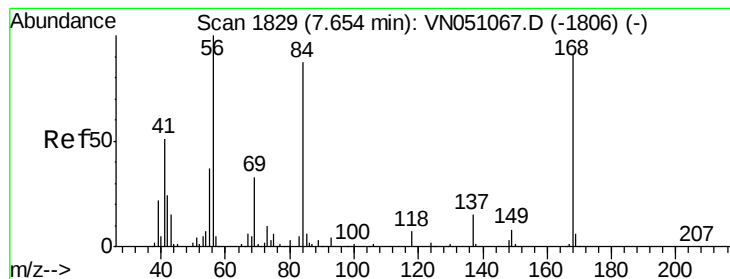
Tot Ion:	84	Resp:	3821
Ion	Ratio	Lower	Upper
84	100		
49	103.9	90.2	135.2
51	29.5	28.4	42.6
86	55.6	51.8	77.8



#25
2-Butanone
Concen: 0.32 ug/l
RT: 6.86 min Scan# 1581
Delta R.T. 0.02 min
Lab File: VN051085.D
Acq: 10 Sep 2018 18:13

Tgt Ion:	43	Resp:	892
Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.0	34.6#





#31

Cyclohexane

Concen: 0.64 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN051085.D

Acq: 10 Sep 2018 18:13

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-H(7-10)ME

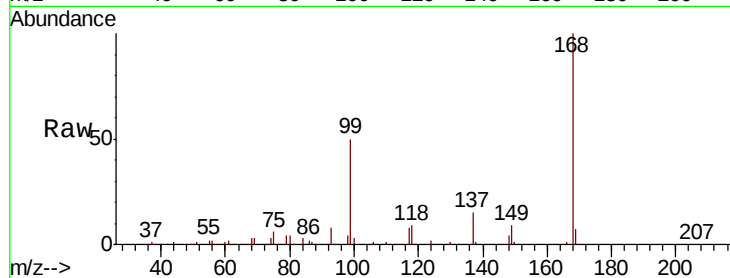
Tot Ion: 56 Resp: 10105

Ion Ratio Lower Upper

56 100

69 183.6 26.3 39.5#

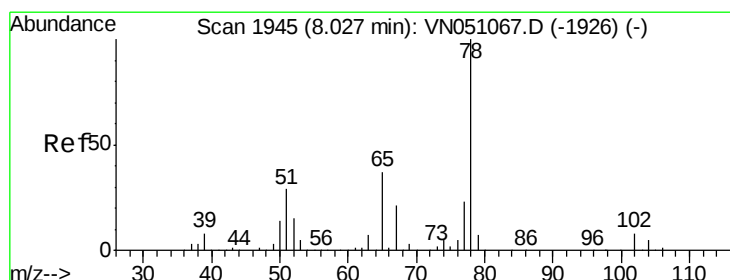
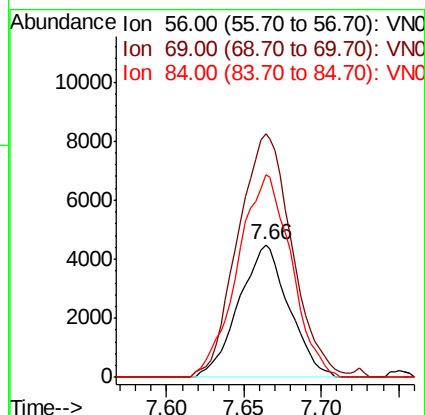
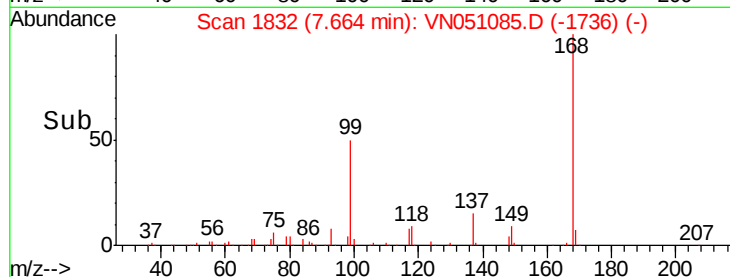
84 153.0 69.4 104.0#



Abundance Ion 56.00 (55.70 to 56.70): VN051085.D (-1736) (-)

Ion 69.00 (68.70 to 69.70): VN051085.D (-1736) (-)

Ion 84.00 (83.70 to 84.70): VN051085.D (-1736) (-)



#33

1,2-Dichloroethane-d4

Concen: 52.08 ug/l

RT: 8.02 min Scan# 1944

Delta R.T. -0.00 min

Lab File: VN051085.D

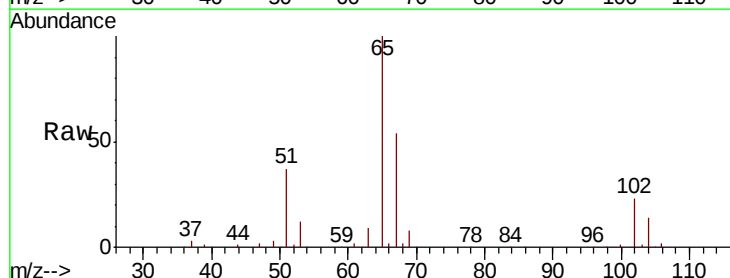
Acq: 10 Sep 2018 18:13

Tgt Ion: 65 Resp: 370900

Ion Ratio Lower Upper

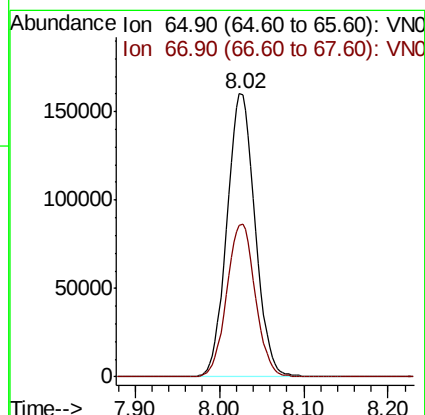
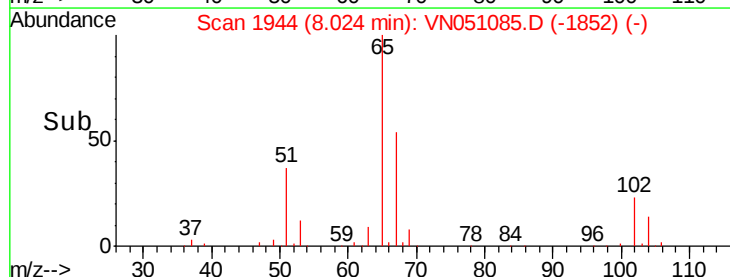
65 100

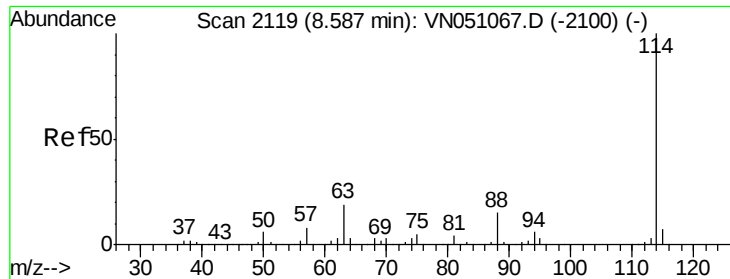
67 55.0 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VN051085.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN051085.D (-1852) (-)

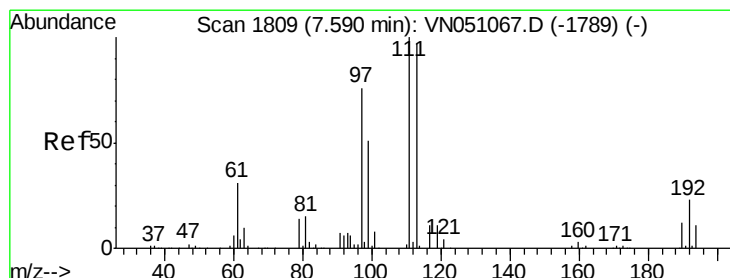
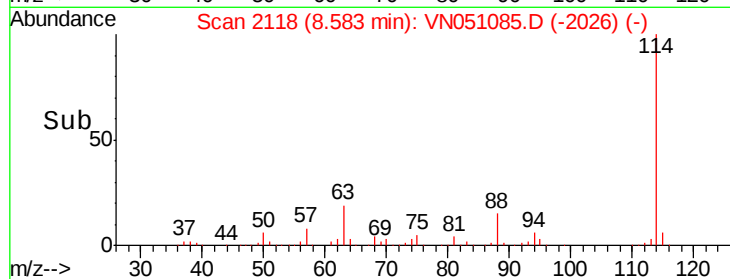
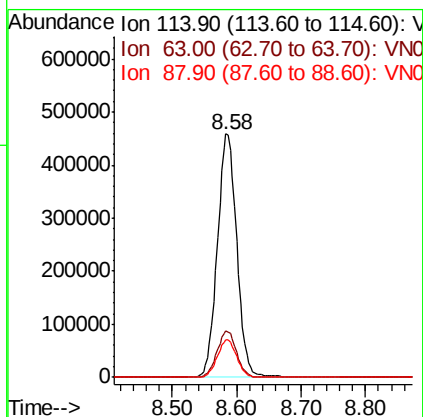
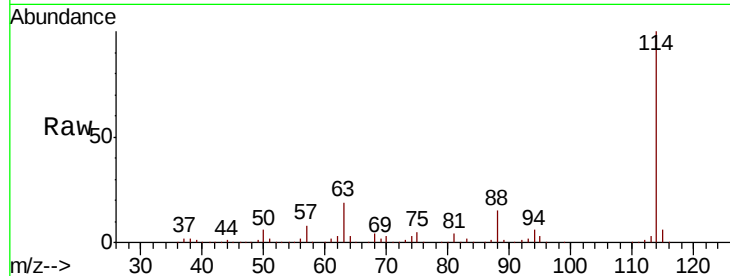




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.58 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VN051085.D
Acq: 10 Sep 2018 18:13

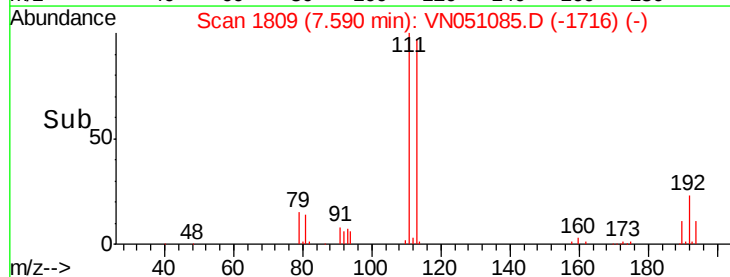
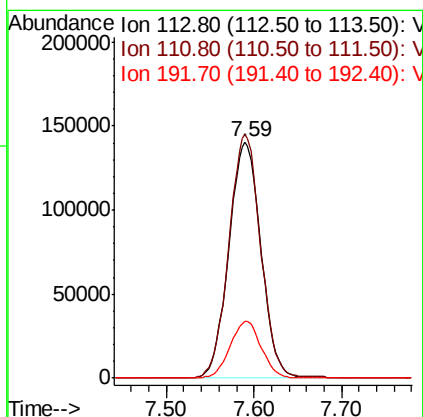
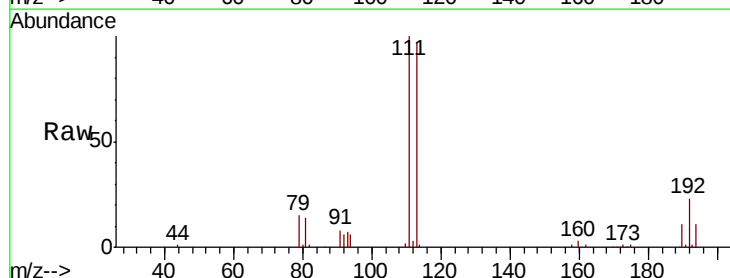
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-H(7-10)ME

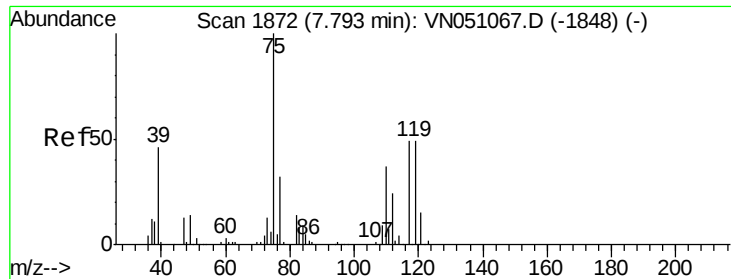
Tot Ion:114 Resp: 958830
Ion Ratio Lower Upper
114 100
63 18.9 0.0 37.8
88 15.4 0.0 30.8



#35
Dibromofluoromethane
Concen: 49.60 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. -0.00 min
Lab File: VN051085.D
Acq: 10 Sep 2018 18:13

Tgt Ion:113 Resp: 357325
Ion Ratio Lower Upper
113 100
111 102.1 83.0 124.6
192 23.5 18.7 28.1





#36

1,1-Dichloropropene

Concen: 3.88 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.13 min

Lab File: VN051085.D

Acq: 10 Sep 2018 18:13

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-H(7-10)ME

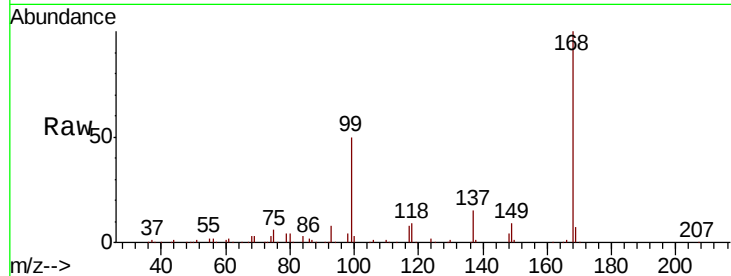
Tot Ion: 75 Resp: 40840

Ion Ratio Lower Upper

75 100

110 7.3 18.6 55.8#

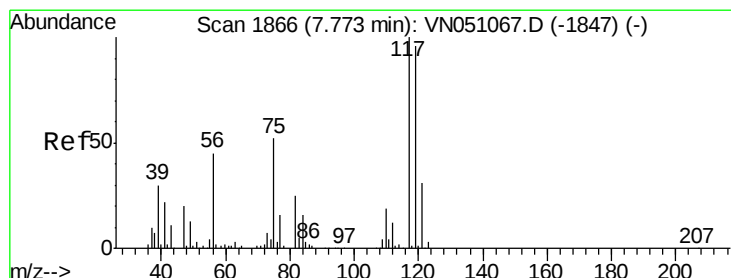
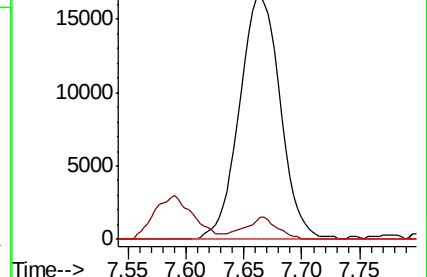
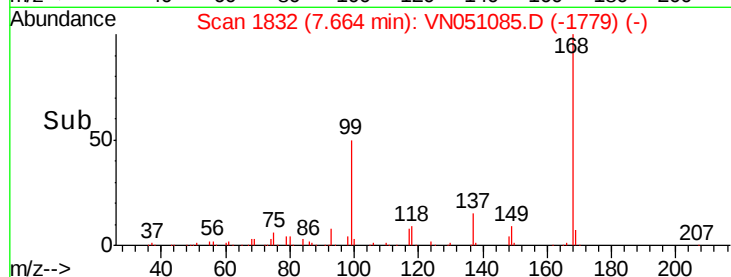
77 0.0 25.2 37.8#



Abundance Ion 74.90 (74.60 to 75.60): VN051085.D (-1779) (-)

Ion 109.90 (109.60 to 110.60): VN051085.D (-1779) (-)

Ion 76.90 (76.60 to 77.60): VN051085.D (-1779) (-)



#38

Carbon Tetrachloride

Concen: 5.27 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.11 min

Lab File: VN051085.D

Acq: 10 Sep 2018 18:13

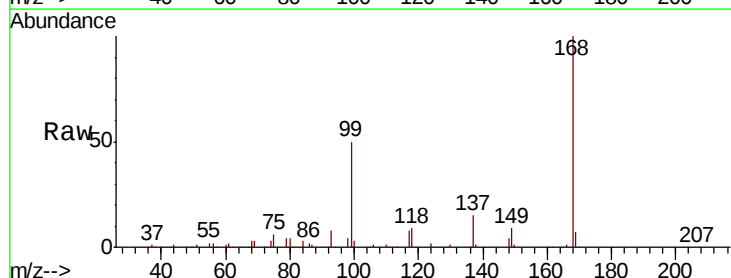
Tgt Ion: 117 Resp: 54588

Ion Ratio Lower Upper

117 100

119 5.6 76.8 115.2#

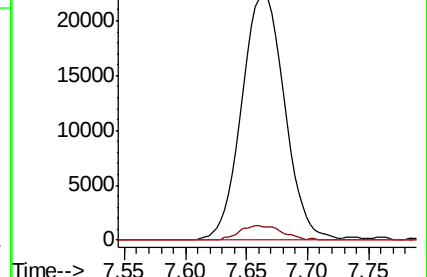
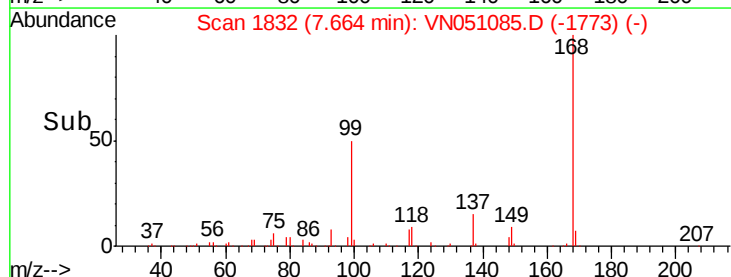
121 0.0 24.6 36.8#

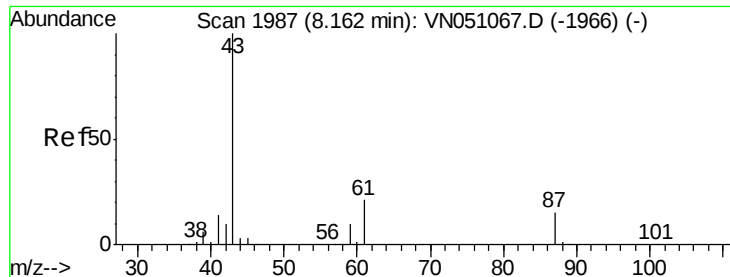


Abundance Ion 116.80 (116.50 to 117.50): VN051085.D (-1773) (-)

Ion 118.80 (118.50 to 119.50): VN051085.D (-1773) (-)

Ion 120.80 (120.50 to 121.50): VN051085.D (-1773) (-)





#43

Isopropyl Acetate

Concen: 0.39 ug/l

RT: 8.24 min Scan# 2011

Delta R.T. 0.08 min

Lab File: VN051085.D

Acq: 10 Sep 2018 18:13

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-H(7-10)ME

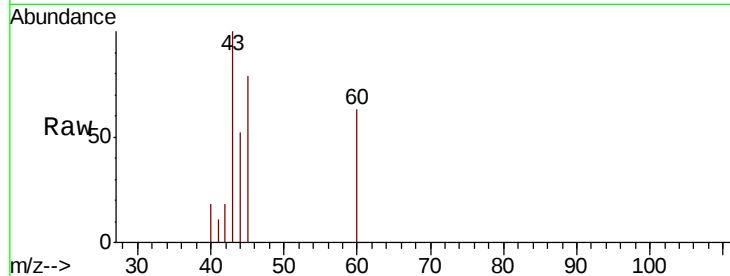
Tot Ion: 43 Resp: 4204

Ion Ratio Lower Upper

43 100

61 0.0 25.0 37.6#

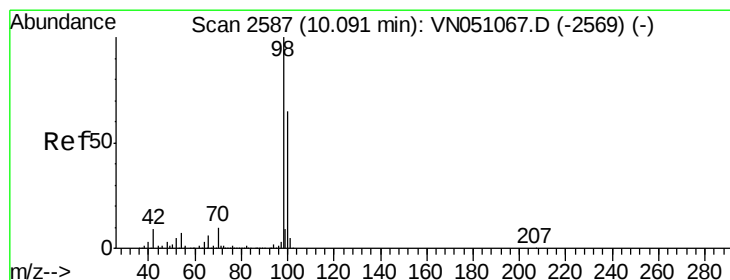
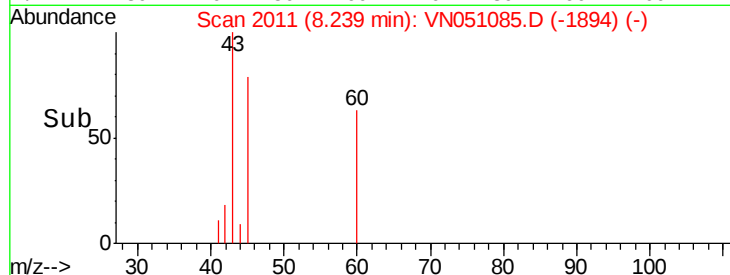
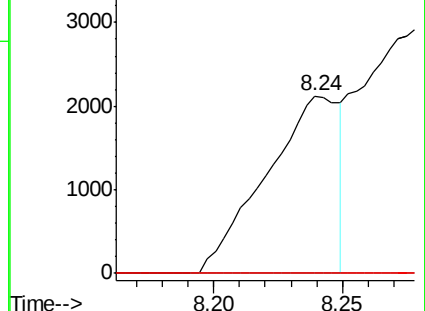
87 0.0 11.8 17.8#



Abundance Ion 43.00 (42.70 to 43.70): VN051067.D (-1966) (-)

Ion 61.00 (60.70 to 61.70): VN051067.D (-1966) (-)

Ion 87.00 (86.70 to 87.70): VN051067.D (-1966) (-)



#50

Toluene-d8

Concen: 49.71 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051085.D

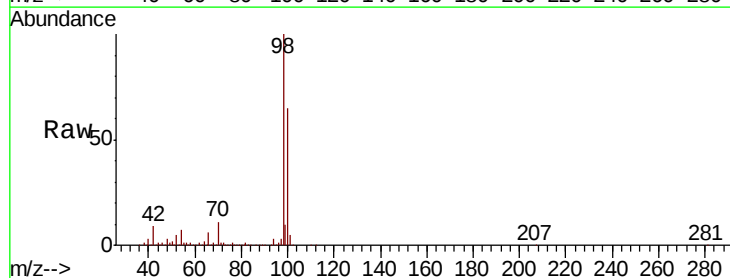
Acq: 10 Sep 2018 18:13

Tgt Ion: 98 Resp: 1359095

Ion Ratio Lower Upper

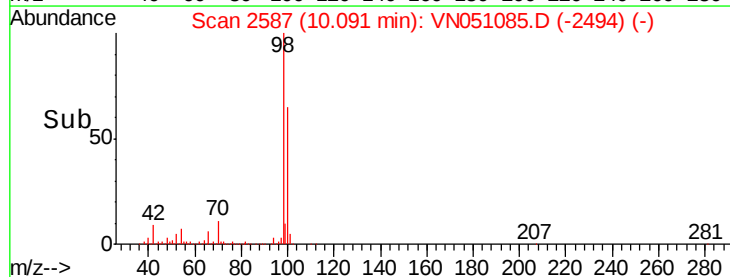
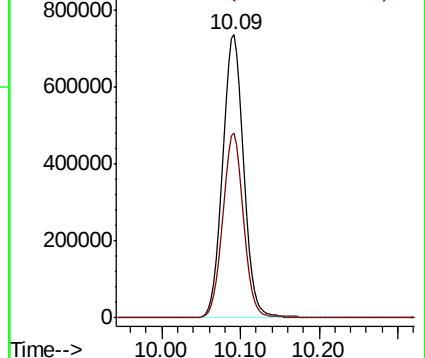
98 100

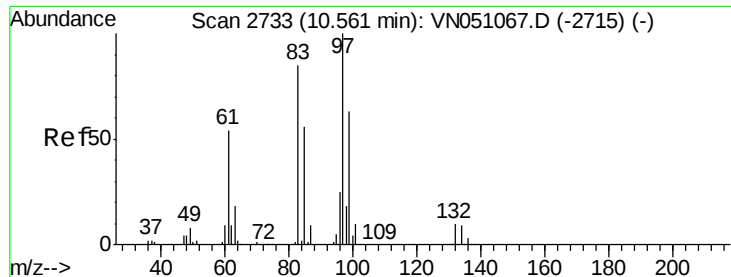
100 64.3 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN051067.D (-2569) (-)

Ion 100.00 (99.70 to 100.70): VN051067.D (-2569) (-)





#55

1,1,2-Trichloroethane

Concen: 0.53 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.03 min

Lab File: VN051085.D

Acq: 10 Sep 2018 18:13

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-H(7-10)ME

Tot Ion: 97 Resp: 3746

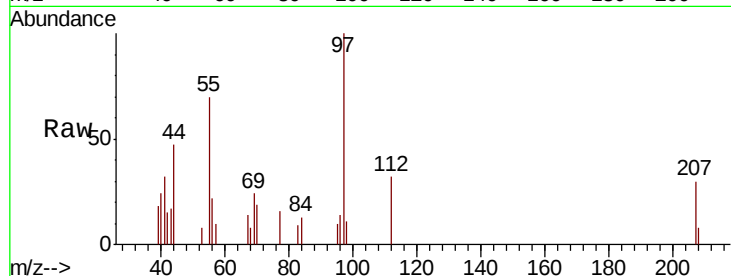
Ion Ratio Lower Upper

97 100

83 8.5 68.2 102.2#

85 0.0 44.8 67.2#

99 0.0 50.2 75.4#

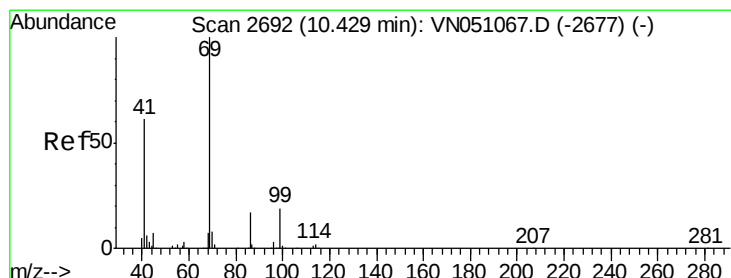
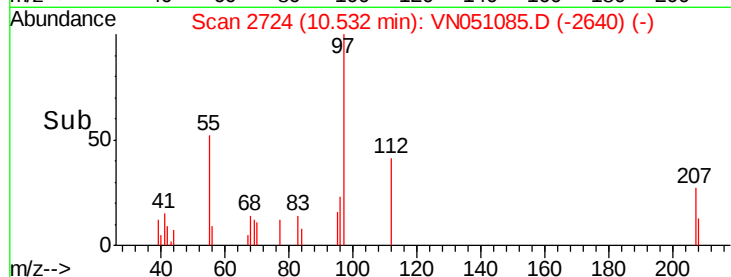
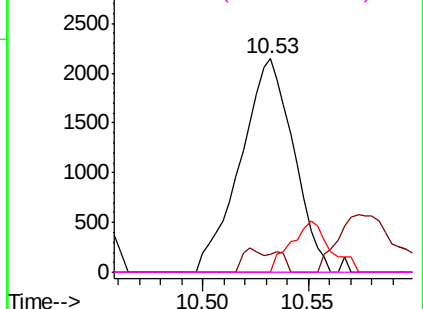


Abundance Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56

Ethyl methacrylate

Concen: 2.63 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. -0.00 min

Lab File: VN051085.D

Acq: 10 Sep 2018 18:13

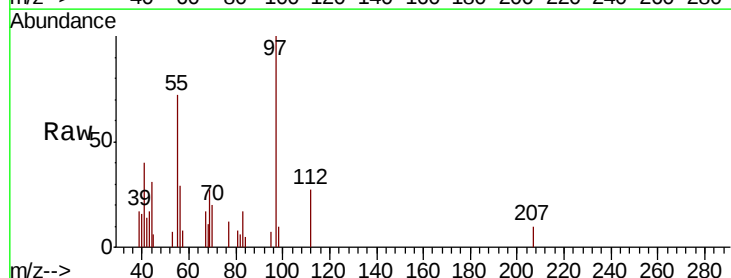
Tgt Ion: 69 Resp: 1710

Ion Ratio Lower Upper

69 100

41 144.4 47.8 71.8#

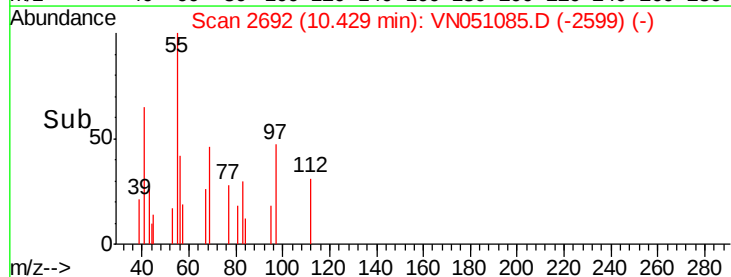
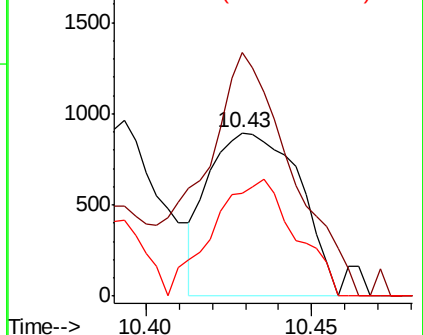
39 65.0 23.0 34.4#

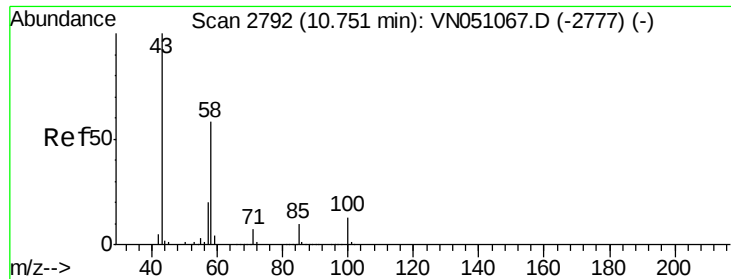


Abundance Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

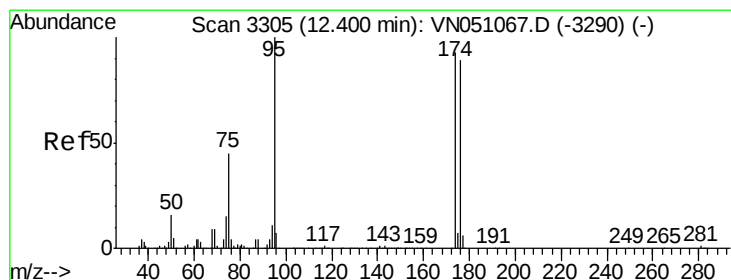
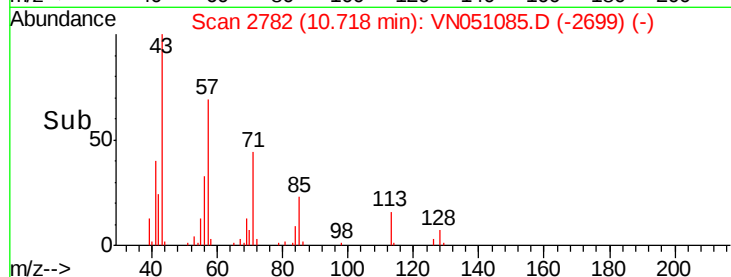
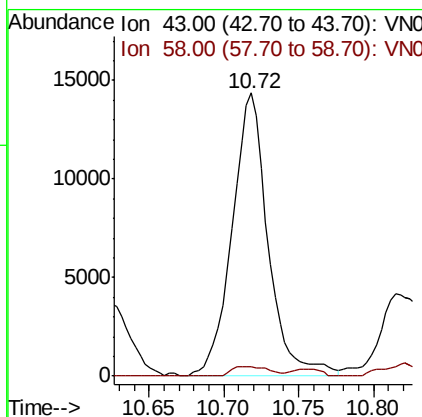
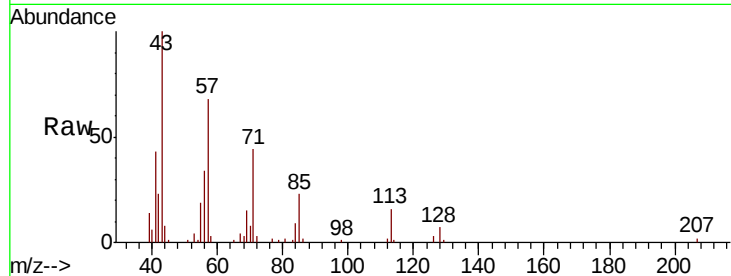




#59
2-Hexanone
Concen: 5.97 ug/l
RT: 10.72 min Scan# 2782
Delta R.T. -0.03 min
Lab File: VN051085.D
Acq: 10 Sep 2018 18:13

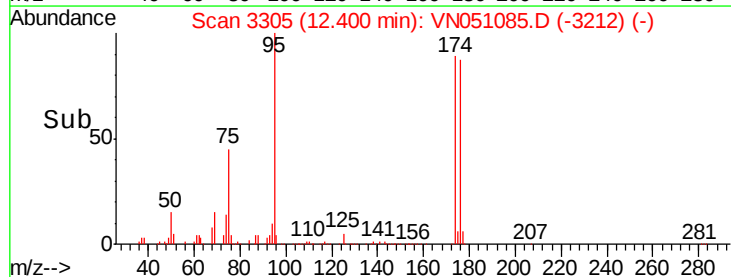
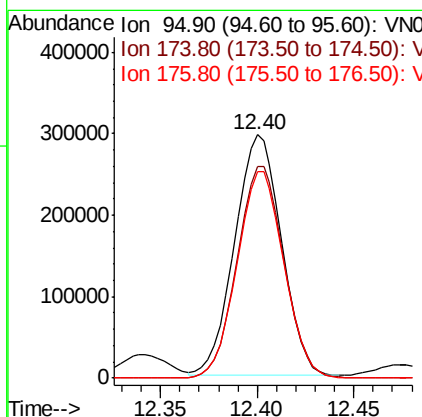
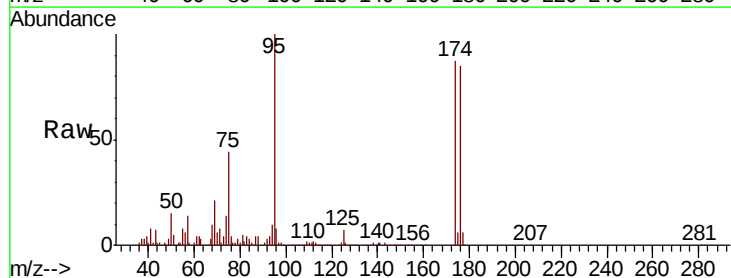
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-H(7-10)ME

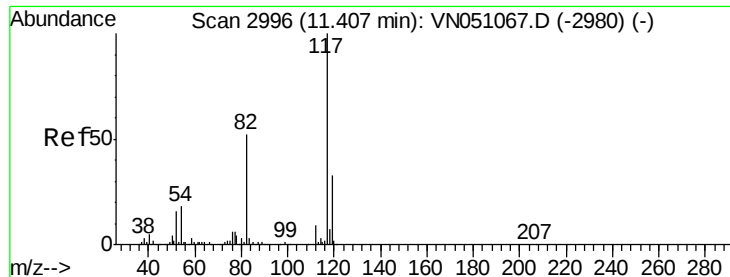
Tot Ion: 43 Resp: 24072
Ion Ratio Lower Upper
43 100
58 3.5 29.3 88.0#



#62
4-Bromofluorobenzene
Concen: 54.95 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN051085.D
Acq: 10 Sep 2018 18:13

Tgt Ion: 95 Resp: 496971
Ion Ratio Lower Upper
95 100
174 88.4 0.0 184.8
176 86.2 0.0 178.6

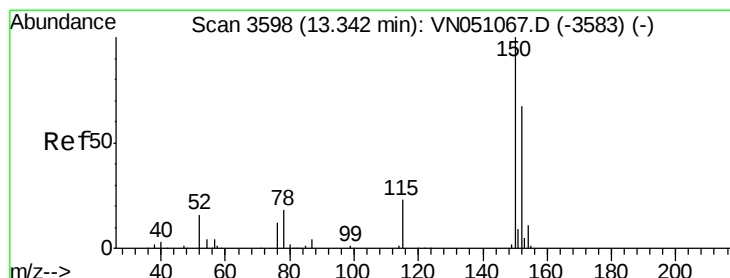
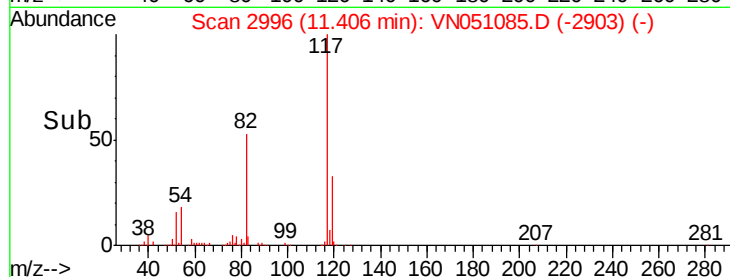
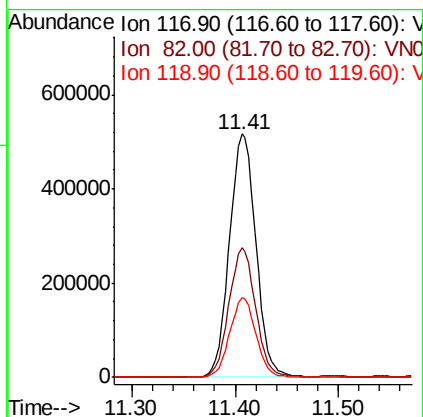
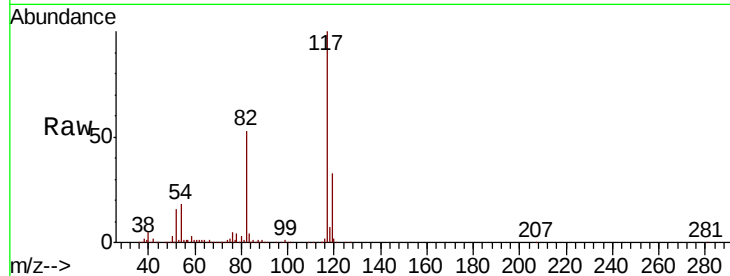




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN051085.D
Acq: 10 Sep 2018 18:13

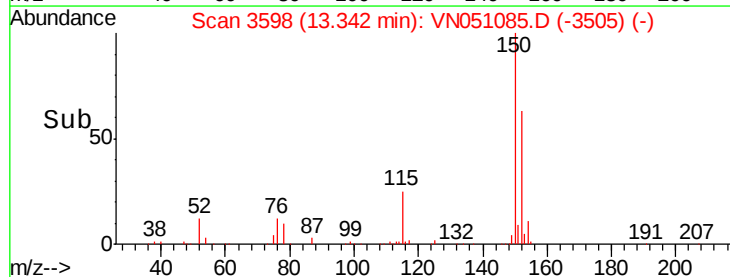
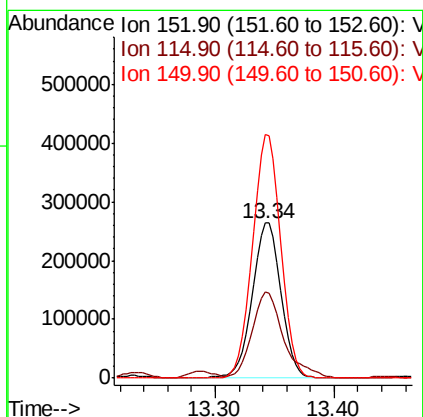
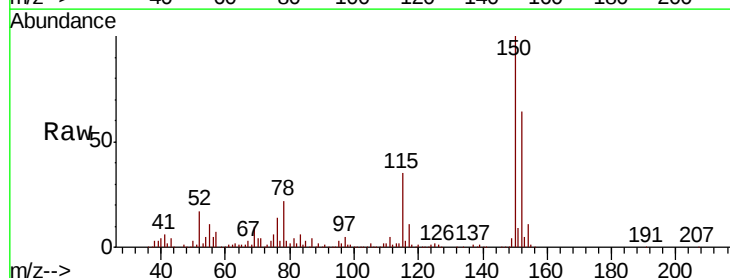
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-H(7-10)ME

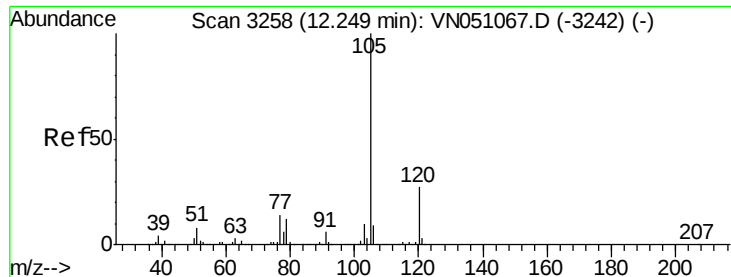
Tot Ion:117 Resp: 926184
Ion Ratio Lower Upper
117 100
82 52.9 41.8 62.6
119 32.6 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN051085.D
Acq: 10 Sep 2018 18:13

Tgt Ion:152 Resp: 437867
Ion Ratio Lower Upper
152 100
115 61.4 28.2 84.7
150 154.6 0.0 349.0





#73

Isopropylbenzene

Concen: 2.60 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN051085.D

Acq: 10 Sep 2018 18:13

Instrument :

MSVOA_N

ClientSampleId :

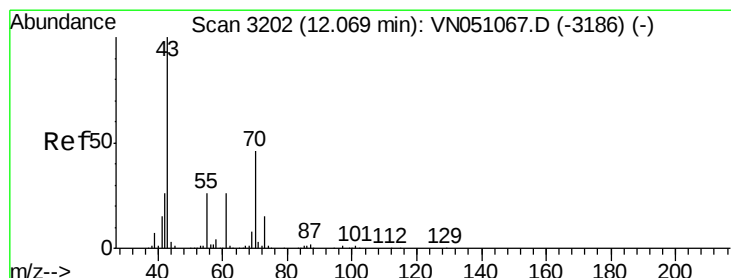
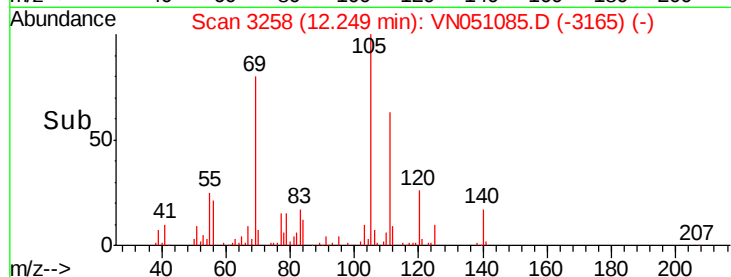
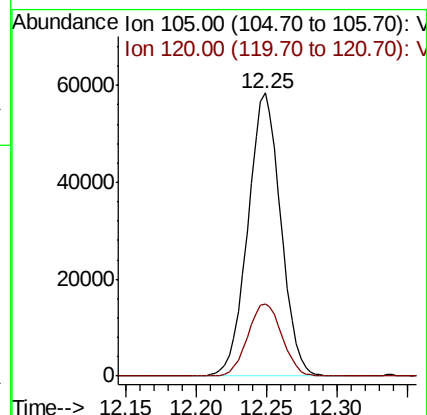
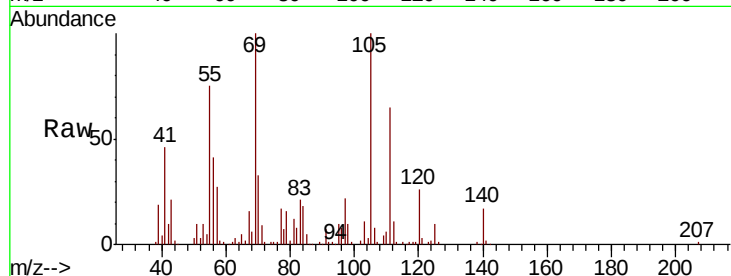
EP1-MW-H(7-10)ME

Tot Ion:105 Resp: 95564

Ion Ratio Lower Upper

105 100

120 26.6 13.6 40.7



#74

N-ethyl acetate

Concen: 36.55 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.03 min

Lab File: VN051085.D

Acq: 10 Sep 2018 18:13

Tgt Ion: 43 Resp: 337724

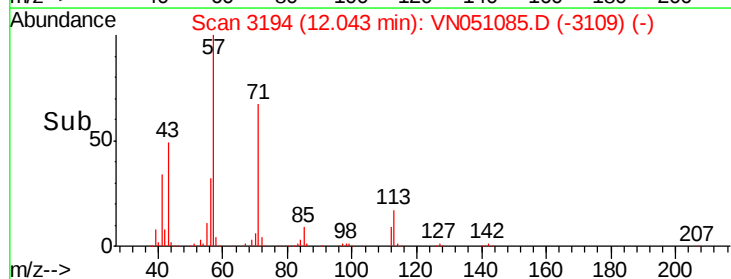
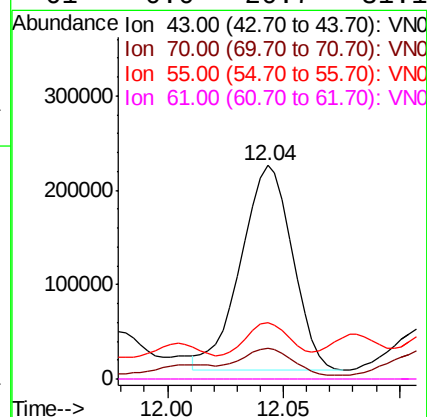
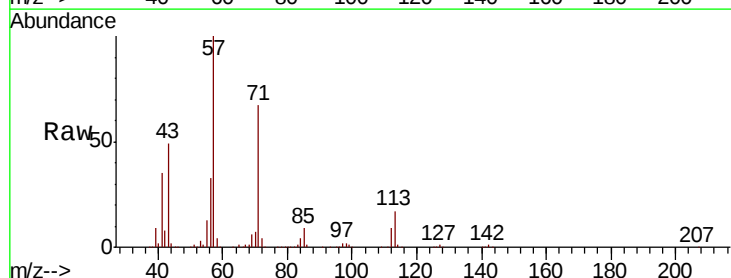
Ion Ratio Lower Upper

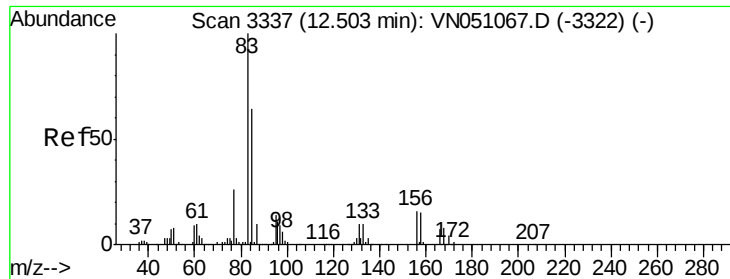
43 100

70 12.8 37.0 55.4#

55 22.9 21.3 31.9

61 0.0 20.7 31.1#





#75

1,1,2,2-Tetrachloroethane

Concen: 1.74 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.02 min

Lab File: VN051085.D

Acq: 10 Sep 2018 18:13

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-H(7-10)ME

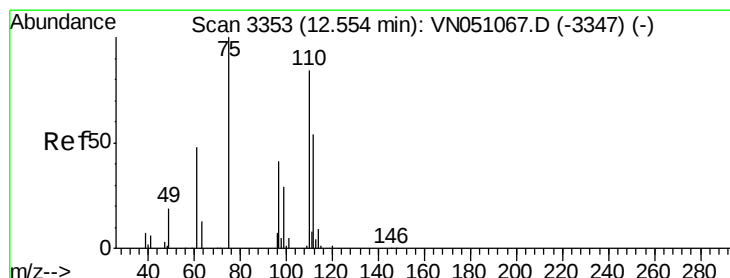
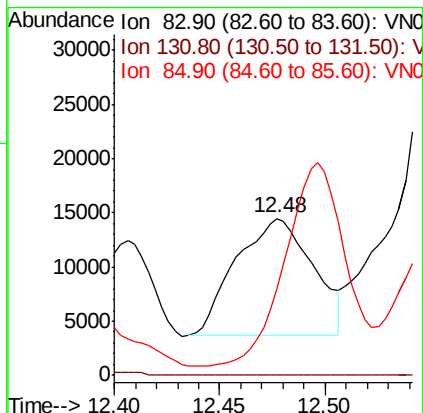
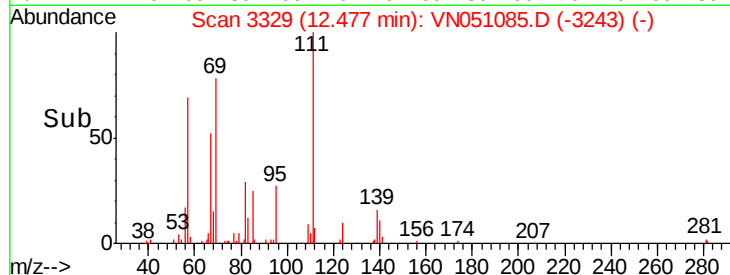
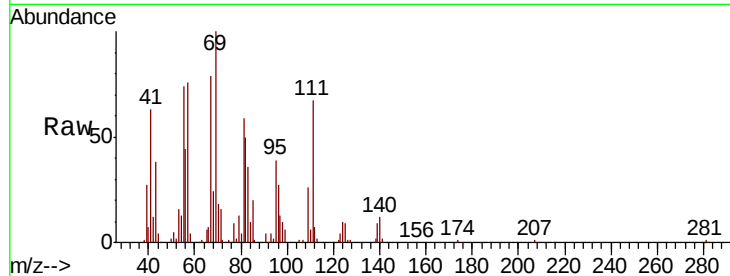
Tot Ion: 83 Resp: 27595

Ion Ratio Lower Upper

83 100

131 0.0 5.3 16.1#

85 133.3 32.3 96.8#



#76

1,2,3-Trichloropropane

Concen: 32.01 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN051085.D

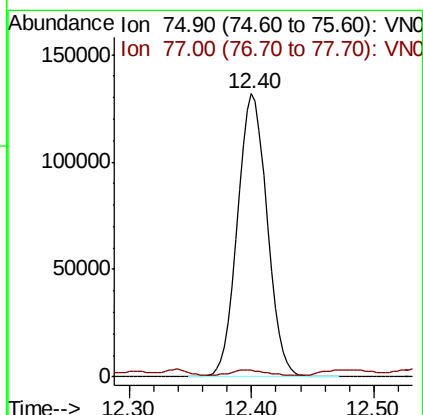
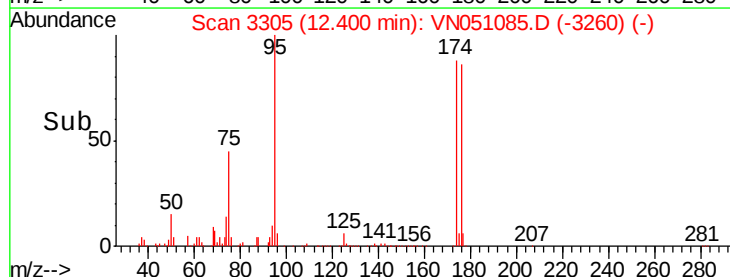
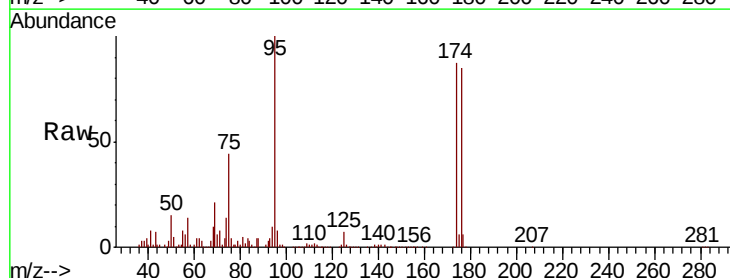
Acq: 10 Sep 2018 18:13

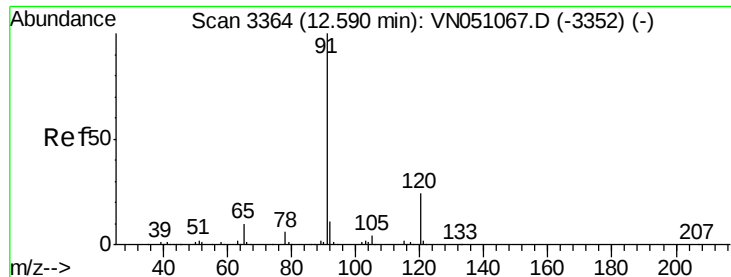
Tgt Ion: 75 Resp: 220940

Ion Ratio Lower Upper

75 100

77 2.3 0.0 0.0#





#78

n-propylbenzene

Concen: 7.44 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN051085.D

Acq: 10 Sep 2018 18:13

Instrument :

MSVOA_N

ClientSampleId :

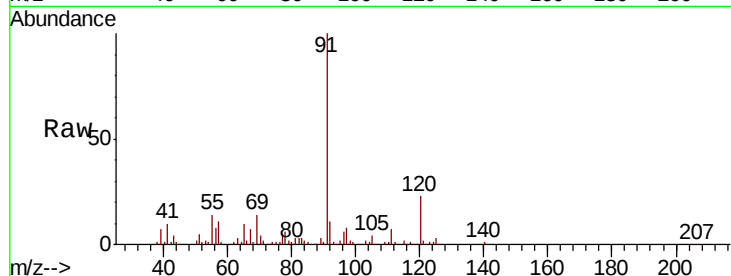
EP1-MW-H(7-10)ME

Tot Ion: 91 Resp: 300469

Ion Ratio Lower Upper

91 100

120 23.3 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

12.59

200000

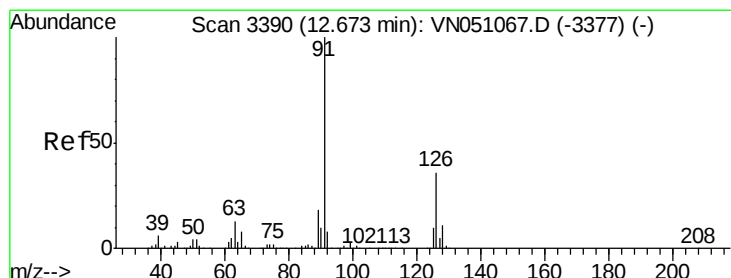
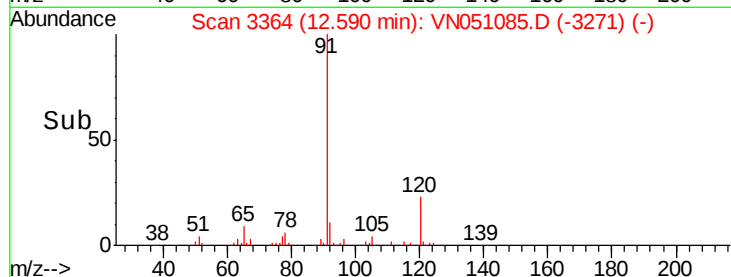
150000

100000

50000

0

Time-->



#79

2-Chlorotoluene

Concen: 0.64 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.06 min

Lab File: VN051085.D

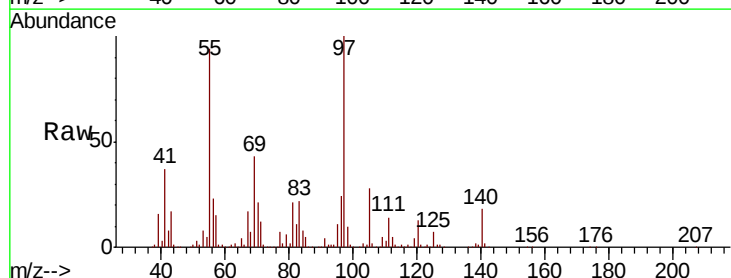
Acq: 10 Sep 2018 18:13

Tgt Ion: 91 Resp: 16219

Ion Ratio Lower Upper

91 100

126 40.0 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

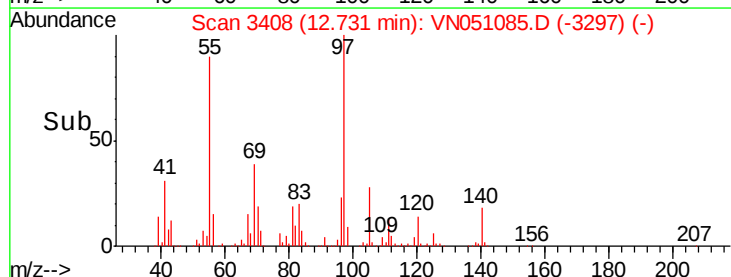
12.73

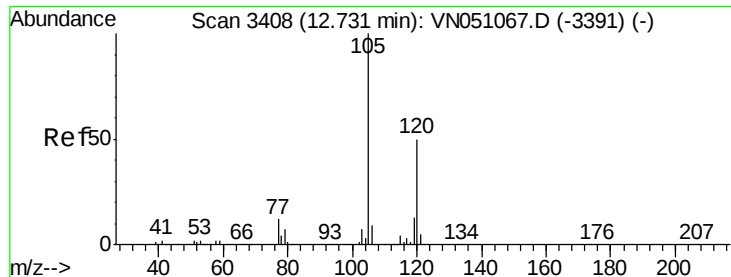
10000

5000

0

Time-->

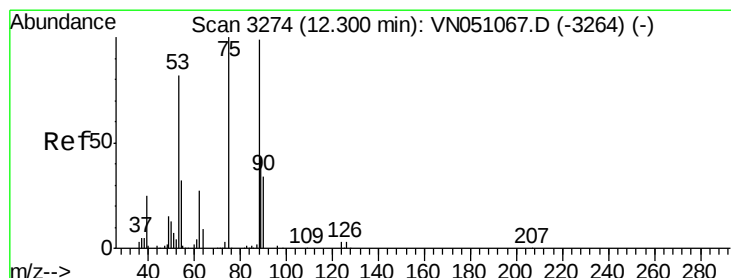
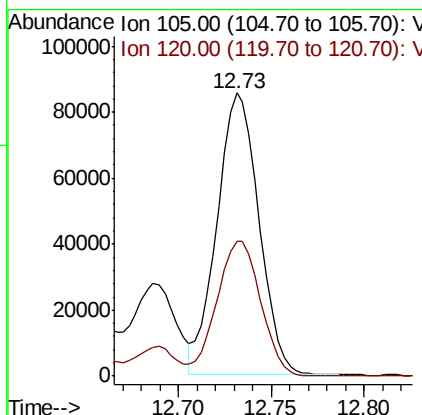
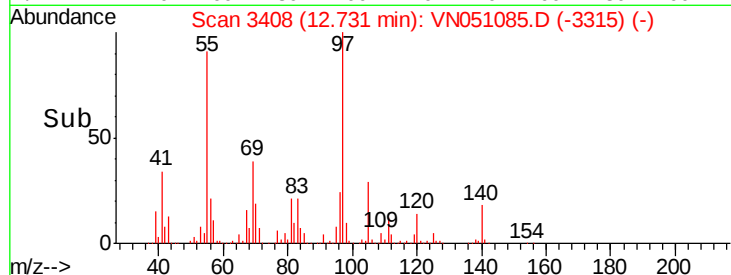
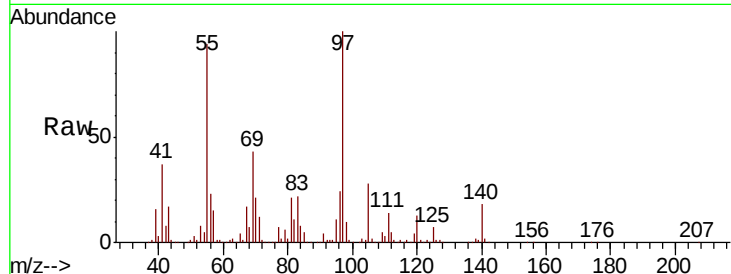




#80
 1,3,5-Trimethylbenzene
 Concen: 4.49 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. -0.00 min
 Lab File: VN051085.D
 Acq: 10 Sep 2018 18:13

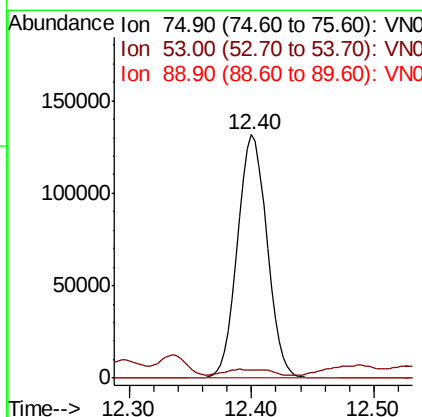
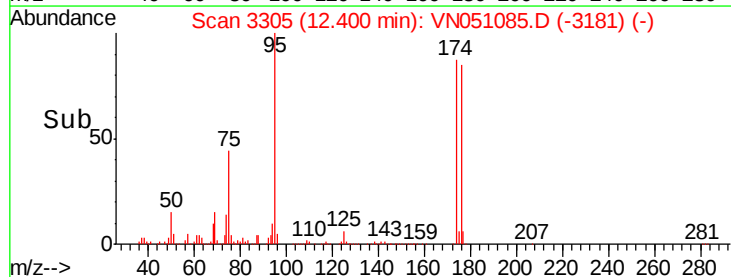
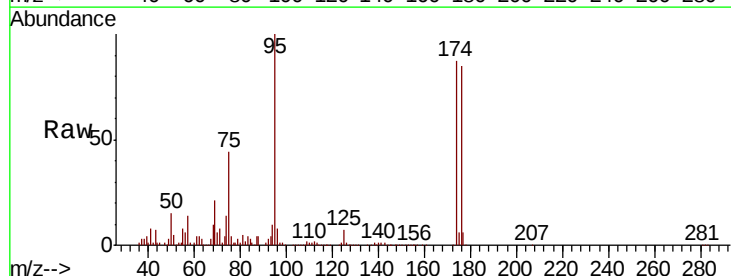
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-H(7-10)ME

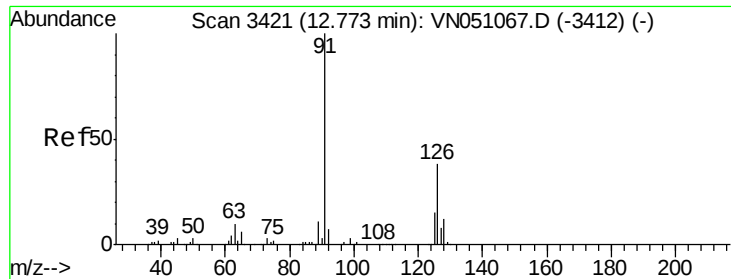
Tot Ion:105 Resp: 133285
 Ion Ratio Lower Upper
 105 100
 120 50.3 24.9 74.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 95.83 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN051085.D
 Acq: 10 Sep 2018 18:13

Tgt Ion: 75 Resp: 220940
 Ion Ratio Lower Upper
 75 100
 53 3.8 67.8 101.8#
 89 0.0 36.0 54.0#





#82

4-Chlorotoluene

Concen: 0.65 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.04 min

Lab File: VN051085.D

Acq: 10 Sep 2018 18:13

Instrument :

MSVOA_N

ClientSampleId :

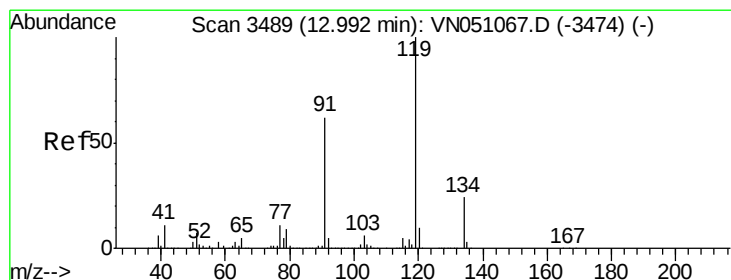
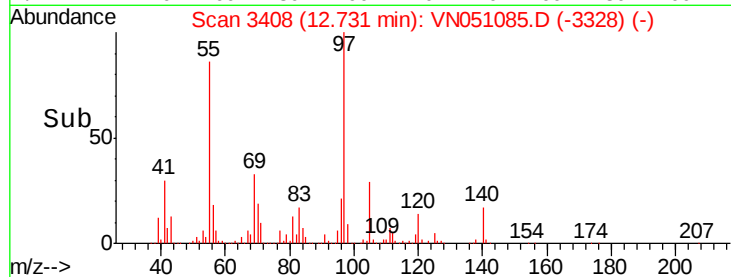
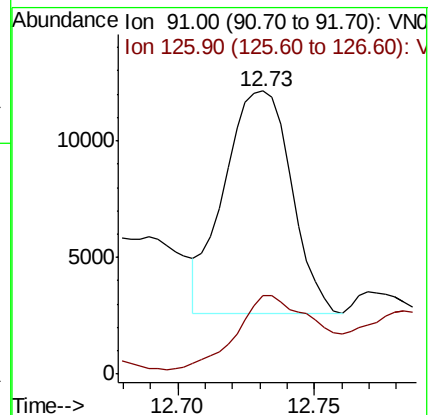
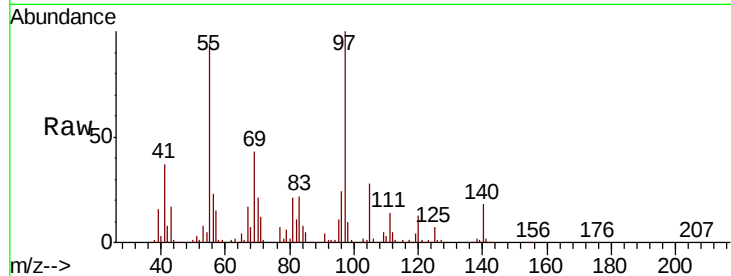
EP1-MW-H(7-10)ME

Tot Ion: 91 Resp: 16219

Ion Ratio Lower Upper

91 100

126 40.0 17.6 52.8



#83

tert-Butylbenzene

Concen: 1.21 ug/l

RT: 12.99 min Scan# 3490

Delta R.T. 0.00 min

Lab File: VN051085.D

Acq: 10 Sep 2018 18:13

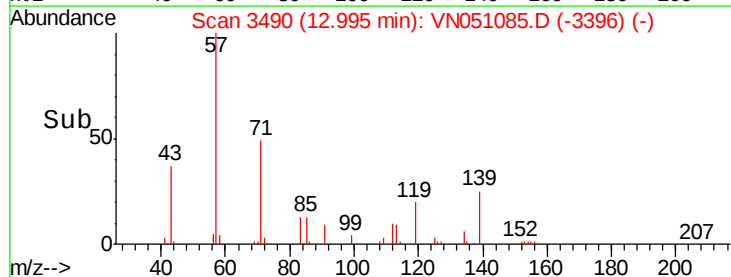
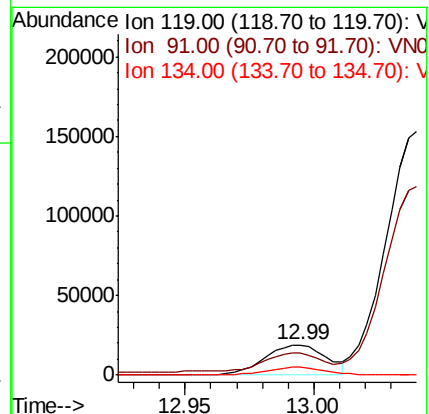
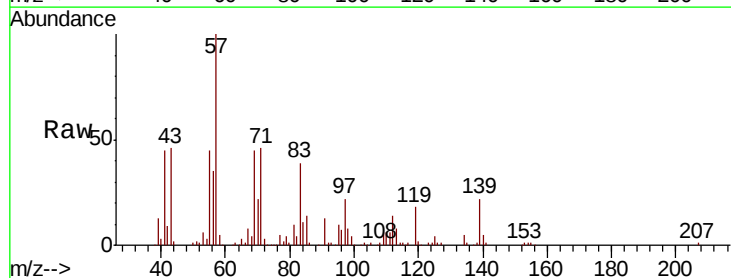
Tgt Ion: 119 Resp: 31668

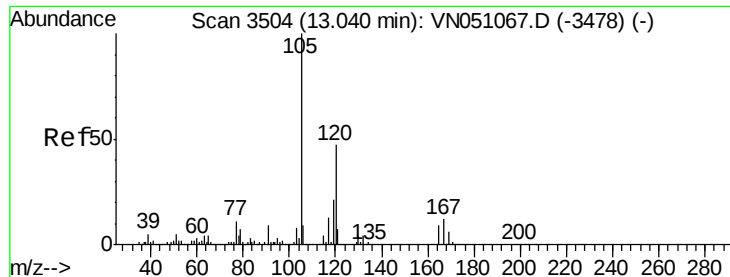
Ion Ratio Lower Upper

119 100

91 64.8 30.8 92.3

134 26.0 13.2 39.6





#84

1,2,4-Trimethylbenzene

Concen: 66.06 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN051085.D

Acq: 10 Sep 2018 18:13

Instrument :

MSVOA_N

ClientSampleId :

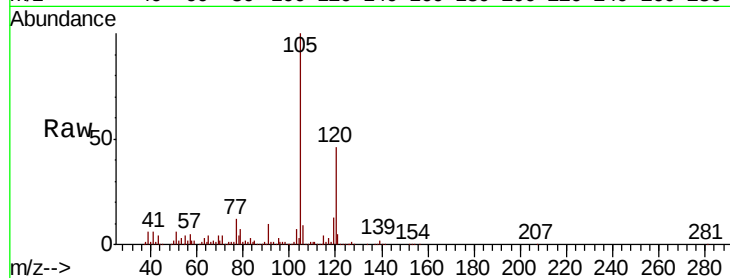
EP1-MW-H(7-10)ME

Tot Ion:105 Resp: 1928315

Ion Ratio Lower Upper

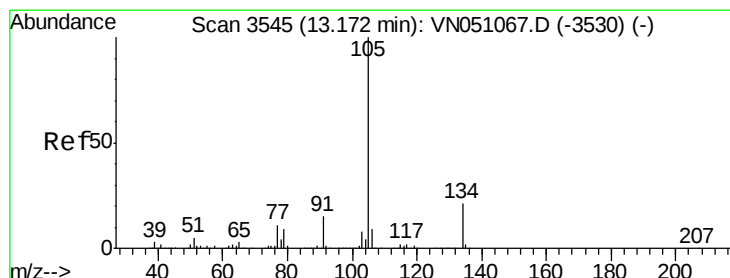
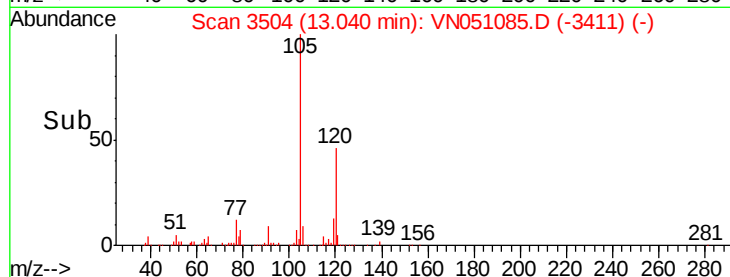
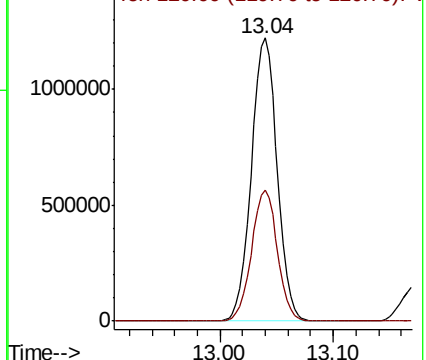
105 100

120 46.5 23.3 69.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 7.23 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN051085.D

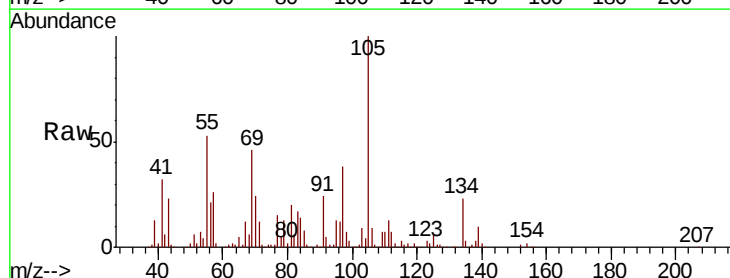
Acq: 10 Sep 2018 18:13

Tgt Ion:105 Resp: 243143

Ion Ratio Lower Upper

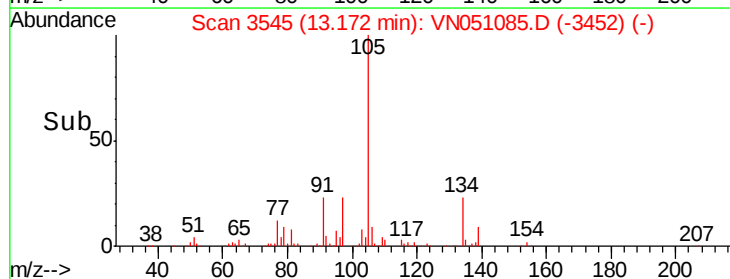
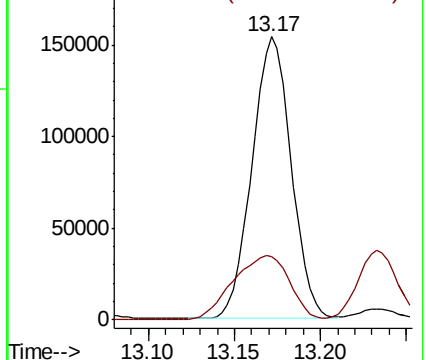
105 100

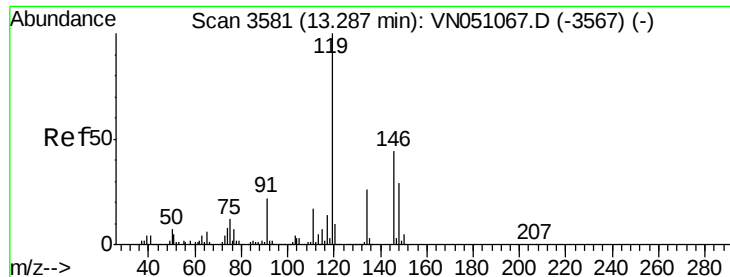
134 32.9 10.4 31.4#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V





#86

p-Isopropyltoluene

Concen: 8.71 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN051085.D

Acq: 10 Sep 2018 18:13

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-H(7-10)ME

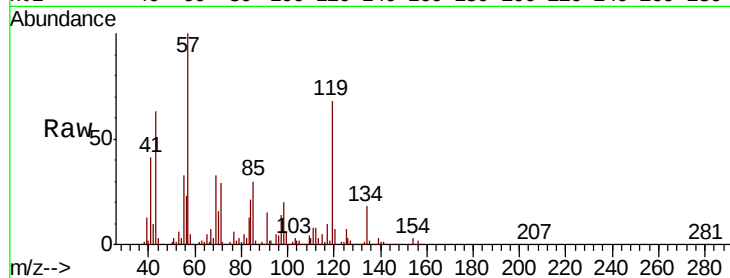
Tot Ion: 119 Resp: 248229

Ion Ratio Lower Upper

119 100

134 26.9 13.5 40.4

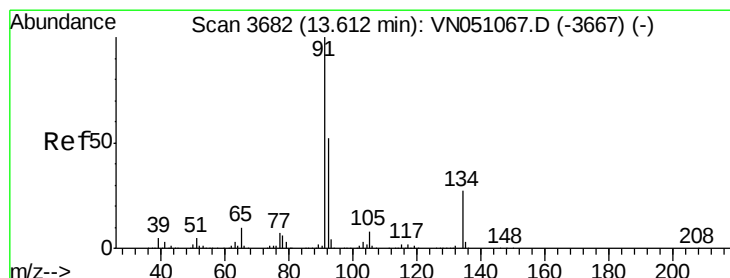
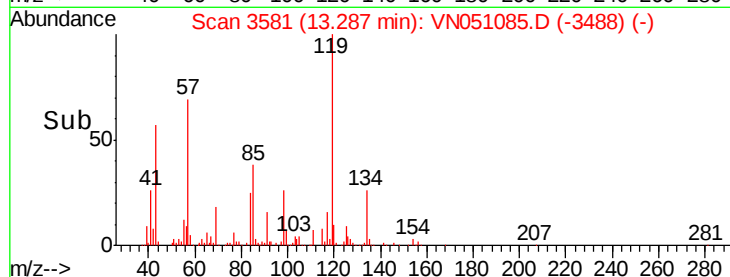
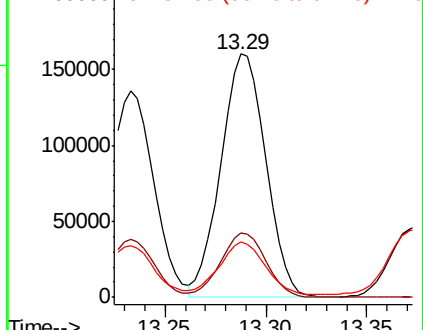
91 22.0 10.9 32.9



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: 9.49 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. -0.00 min

Lab File: VN051085.D

Acq: 10 Sep 2018 18:13

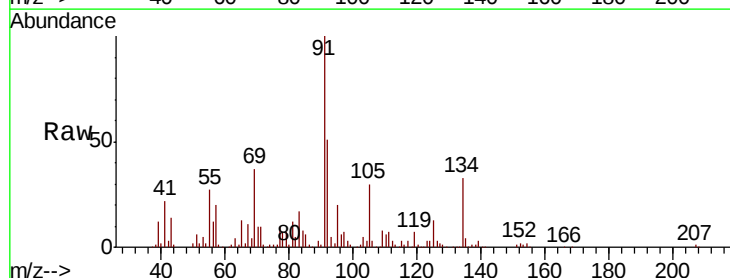
Tgt Ion: 91 Resp: 210476

Ion Ratio Lower Upper

91 100

92 44.4 26.2 78.6

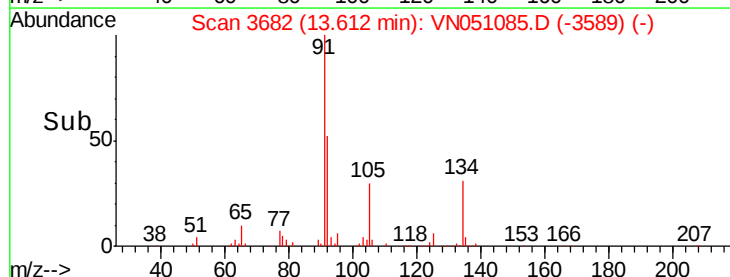
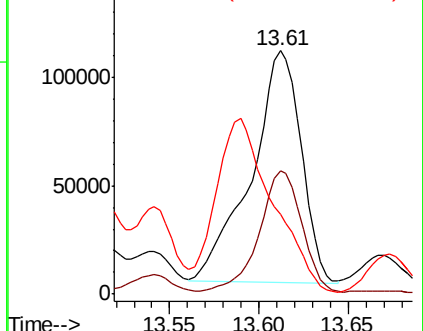
134 0.0 13.7 41.1#

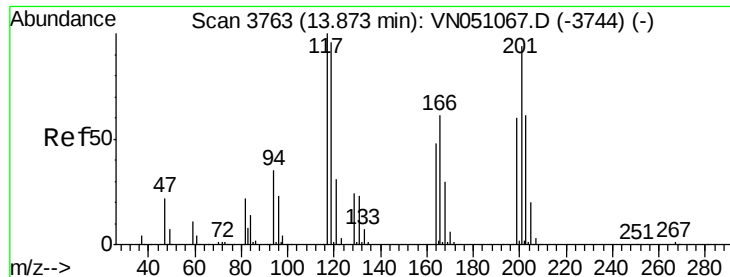


Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 7.08 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.02 min

Lab File: VN051085.D

Acq: 10 Sep 2018 18:13

Instrument :

MSVOA_N

ClientSampleId :

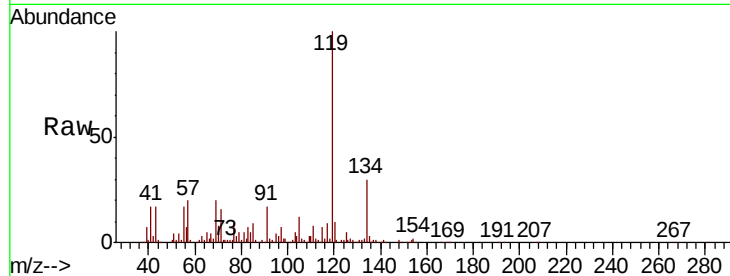
EP1-MW-H(7-10)ME

Tot Ion:117 Resp: 39476

Ion Ratio Lower Upper

117 100

201 0.0 47.3 142.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

40000

30000

20000

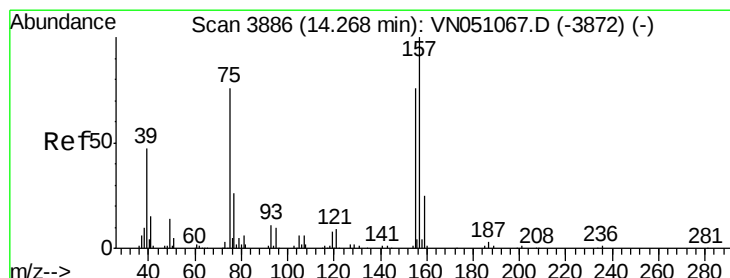
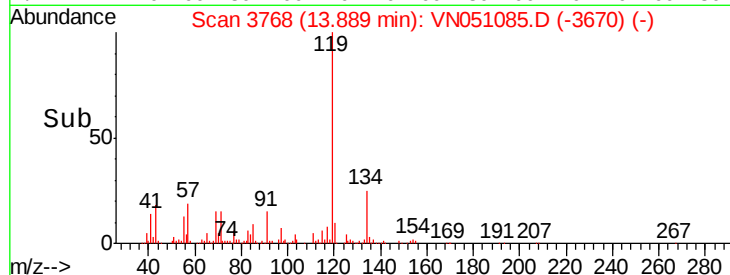
10000

0

13.85

13.90

Time-->



#92

1,2-Dibromo-3-Chloropropane

Concen: 2.04 ug/l

RT: 14.25 min Scan# 3879

Delta R.T. -0.02 min

Lab File: VN051085.D

Acq: 10 Sep 2018 18:13

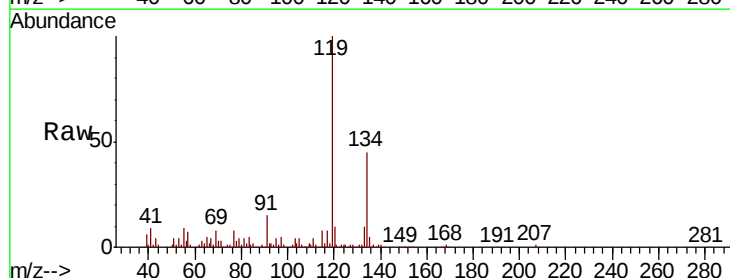
Tgt Ion: 75 Resp: 1755

Ion Ratio Lower Upper

75 100

155 0.0 48.7 146.1#

157 0.0 63.6 190.9#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

2000

1500

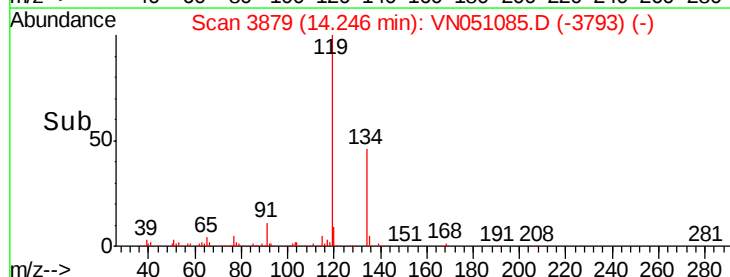
1000

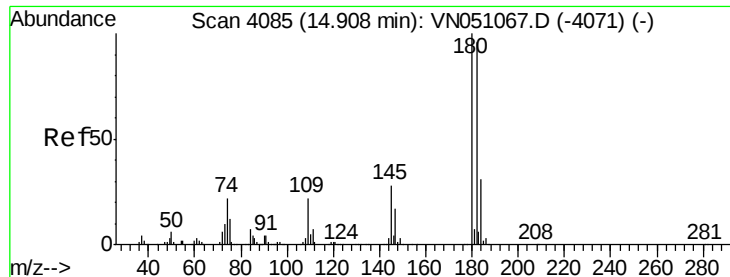
500

0

14.25

Time-->

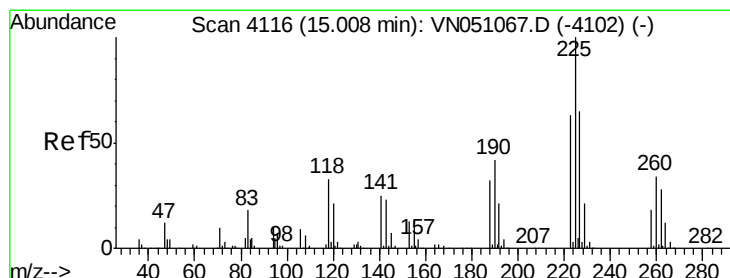
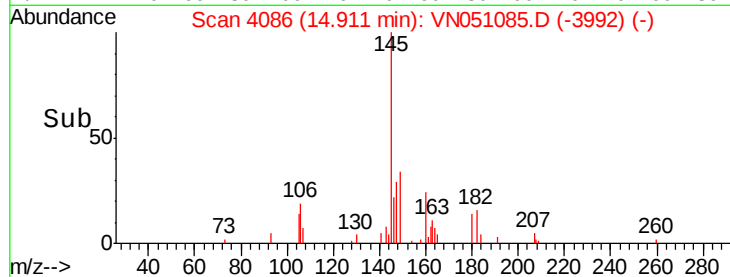
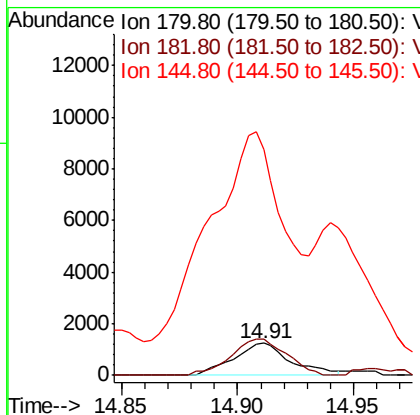
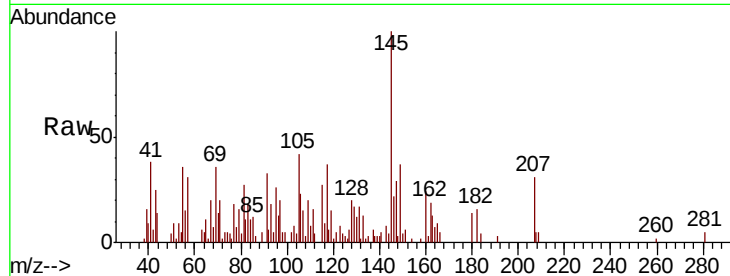




#93
 1,2,4-Trichlorobenzene
 Concen: 4.23 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN051085.D
 Acq: 10 Sep 2018 18:13

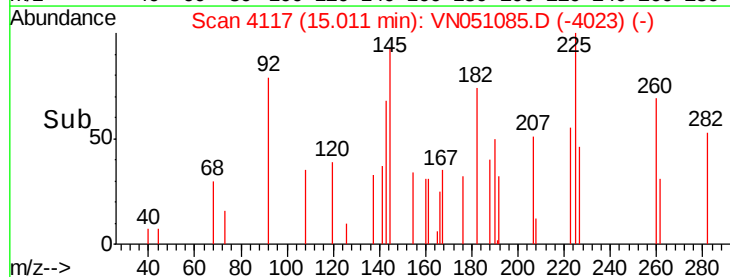
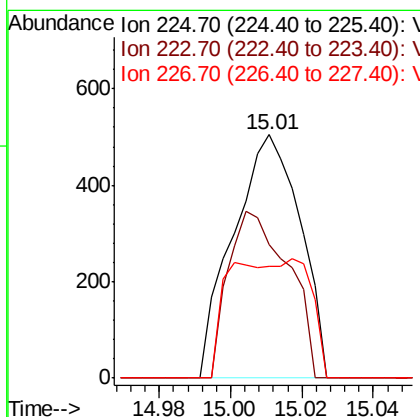
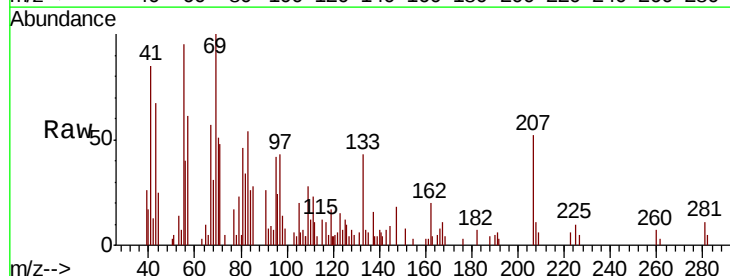
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-H(7-10)ME

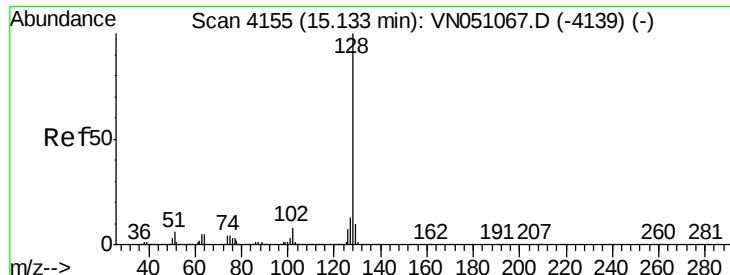
Tot Ion:180 Resp: 2143
 Ion Ratio Lower Upper
 180 100
 182 110.1 47.3 141.8
 145 829.9 14.2 42.6#



#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN051085.D
 Acq: 10 Sep 2018 18:13

Tgt Ion:225 Resp: 654
 Ion Ratio Lower Upper
 225 100
 223 61.5 31.4 94.0
 227 26.8 32.1 96.3#





#95

Naphthalene

Concen: 5.78 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN051085.D

Acq: 10 Sep 2018 18:13

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-H(7-10)ME

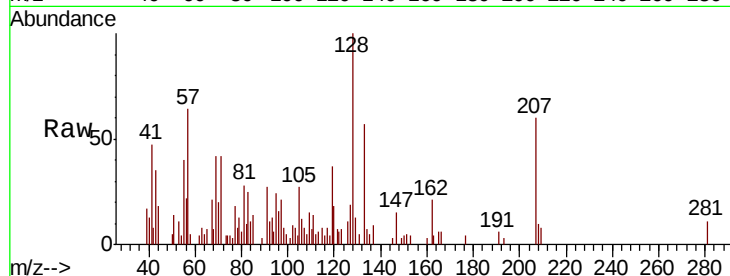
Tot Ion:128 Resp: 8055

Ion Ratio Lower Upper

128 100

127 23.6 10.6 15.8#

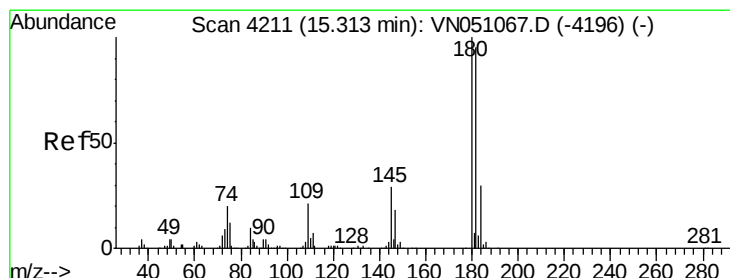
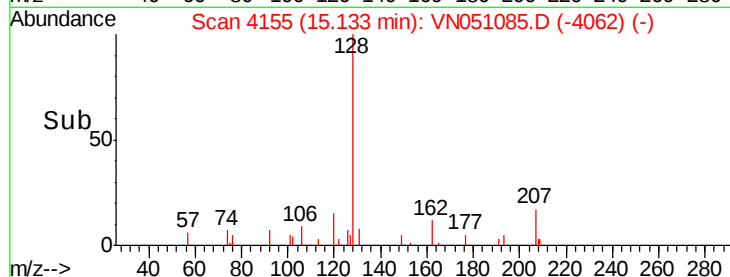
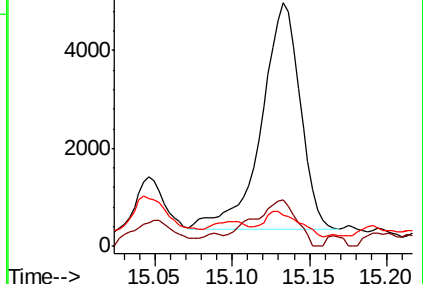
129 10.2 8.6 12.8



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: 3.25 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN051085.D

Acq: 10 Sep 2018 18:13

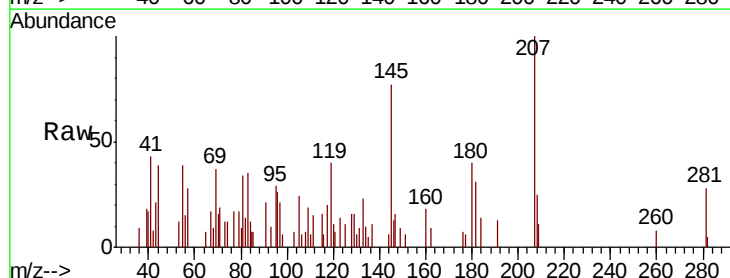
Tgt Ion:180 Resp: 2379

Ion Ratio Lower Upper

180 100

182 66.4 47.8 143.3

145 329.1 14.6 43.8#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

