

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091018\
 Data File : VN051086.D
 Acq On : 10 Sep 2018 18:37
 Operator : MD\SY
 Sample : J4693-21ME
 Misc : 6.74g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-H(10-15)ME

Quant Time: Sep 11 03:23:03 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	621404	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	930245	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	864934	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	389059	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	363885	52.62	ug/l	0.00
Spiked Amount			Recovery	=	105.24%	
35) Dibromofluoromethane	7.59	113	350485	50.14	ug/l	0.00
Spiked Amount			Recovery	=	100.28%	
50) Toluene-d8	10.09	98	1327822	50.06	ug/l	0.00
Spiked Amount			Recovery	=	100.12%	
62) 4-Bromofluorobenzene	12.40	95	444891	50.71	ug/l	0.00
Spiked Amount			Recovery	=	101.42%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.05	50	3873	Below Cal	#	86
5) Bromomethane	2.55	94	69	Below Cal	#	2
10) Methyl Iodide	3.94	142	2947	6.03	ug/l	54
11) Tert butyl alcohol	4.73	59	10770	20.39	ug/l	73
13) Acrolein	3.60	56	100	24.42	ug/l	1
16) Acetone	3.84	43	2885	Below Cal	#	78
17) Carbon Disulfide	4.04	76	3261	0.28	ug/l	92
18) Methyl Acetate	4.34	43	6323	1.14	ug/l	85
20) Methylene Chloride	4.54	84	2070	0.27	ug/l	93
29) Tetrahydrofuran	7.22	42	415	0.24	ug/l	31
31) Cyclohexane	7.66	56	9790	0.64	ug/l	1
36) 1,1-Dichloropropene	7.66	75	39558	3.87	ug/l	48
38) Carbon Tetrachloride	7.66	117	54116	5.38	ug/l	16
43) Isopropyl Acetate	8.24	43	3998	0.38	ug/l	50
51) 4-Methyl-2-Pentanone	9.99	43	1212	0.21	ug/l	34
56) Ethyl methacrylate	10.43	69	218	2.48	ug/l	54
59) 2-Hexanone	10.72	43	3253	0.83	ug/l	21
73) Isopropylbenzene	12.25	105	11247	0.34	ug/l	95
74) N-amyl acetate	12.04	43	38995	4.75	ug/l	67
75) 1,1,2,2-Tetrachloroethane	12.47	83	4167	Below Cal	#	26
76) 1,2,3-Trichloropropane	12.40	75	203049	33.16	ug/l	100
78) n-propylbenzene	12.59	91	36187	1.01	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	15973	0.61	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	203049	99.12	ug/l	16
83) tert-Butylbenzene	12.99	119	5090	0.22	ug/l	90
84) 1,2,4-Trimethylbenzene	13.04	105	224927	8.67	ug/l	100
85) sec-Butylbenzene	13.17	105	35570	1.19	ug/l	76
86) p-Isopropyltoluene	13.29	119	31118	1.23	ug/l	100
89) n-Butylbenzene	13.61	91	29306	1.49	ug/l	74
90) Hexachloroethane	13.89	117	4722	0.41	ug/l	2
92) 1,2-Dibromo-3-Chloropropan	14.26	75	305	0.93	ug/l	1
93) 1,2,4-Trichlorobenzene	14.91	180	1032	4.12	ug/l	1
94) Hexachlorobutadiene	15.01	225	126	Below Cal	#	26
95) Naphthalene	15.13	128	2150	5.47	ug/l	94

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Quant Title : SW846 8260
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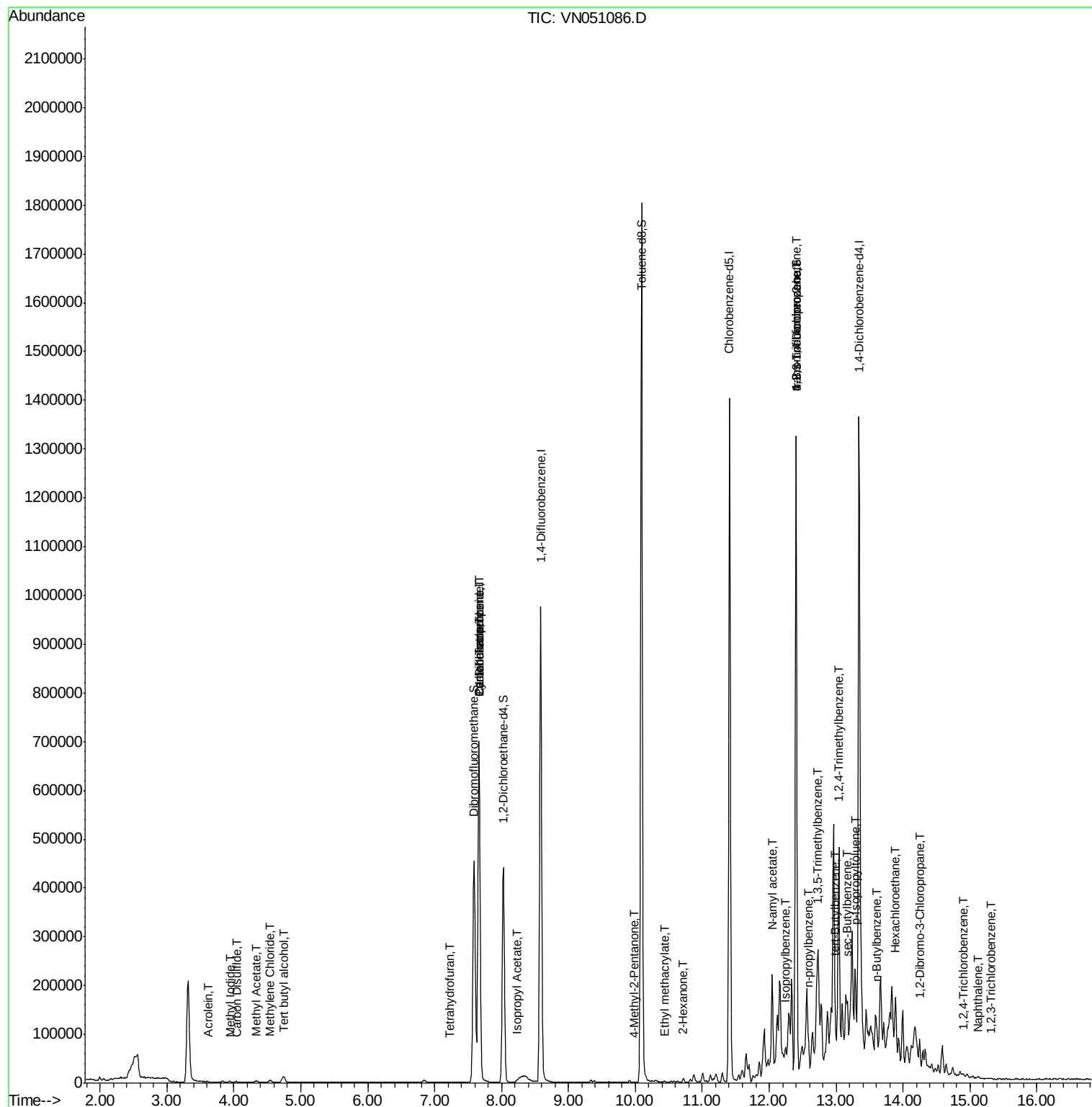
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.31	180	757	3.05	ug/l #	54

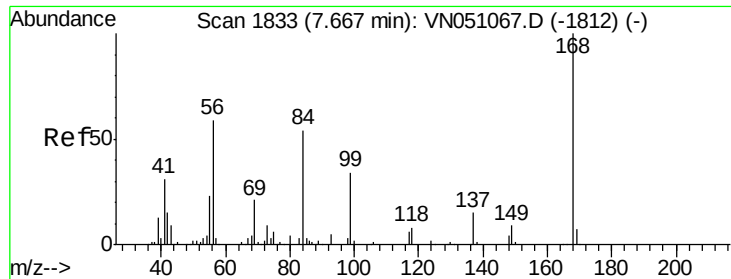
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN051086.D

Acq: 10 Sep 2018 18:37

Instrument :

MSVOA_N

ClientSampleId :

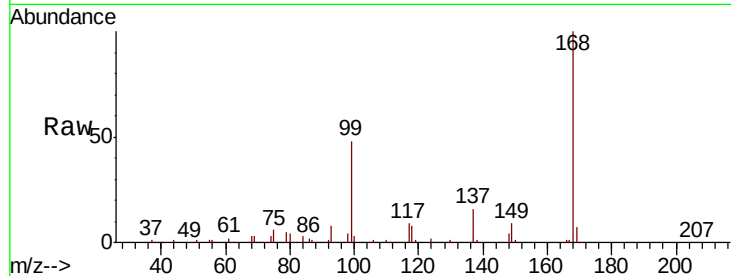
EP1-MW-H(10-15)ME

Tot Ion:168 Resp: 621404

Ion Ratio Lower Upper

168 100

99 48.4 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

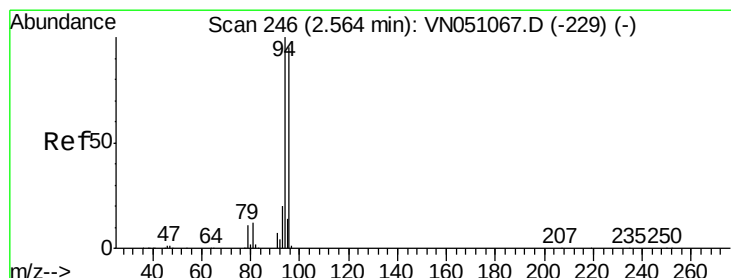
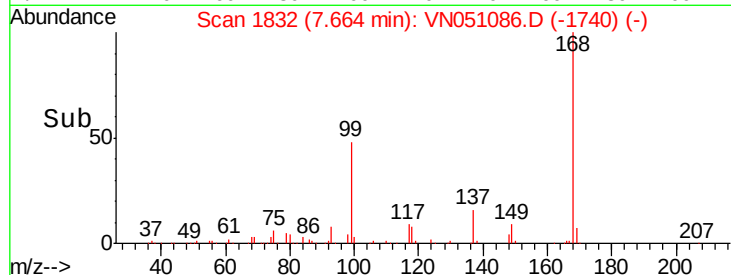
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.55 min Scan# 243

Delta R.T. -0.01 min

Lab File: VN051086.D

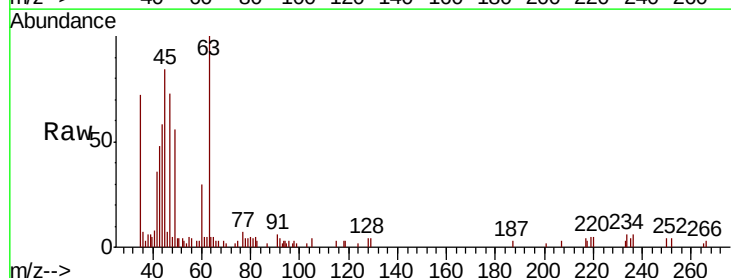
Acq: 10 Sep 2018 18:37

Tgt Ion: 94 Resp: 69

Ion Ratio Lower Upper

94 100

96 0.0 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) (-)

2.55

400

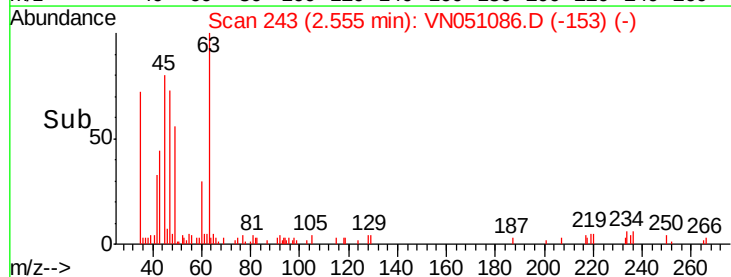
300

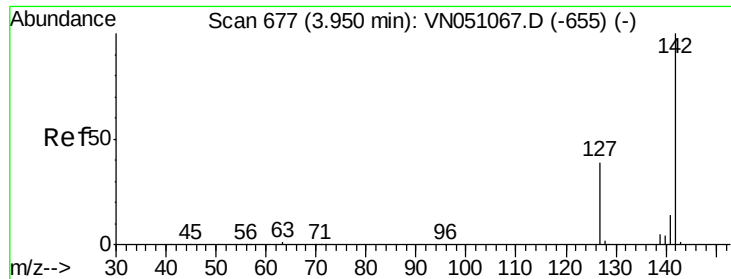
200

100

0

Time-->

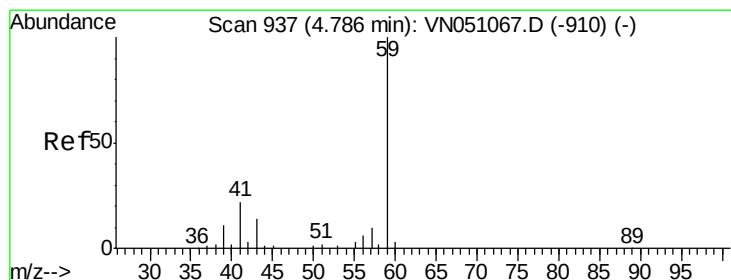
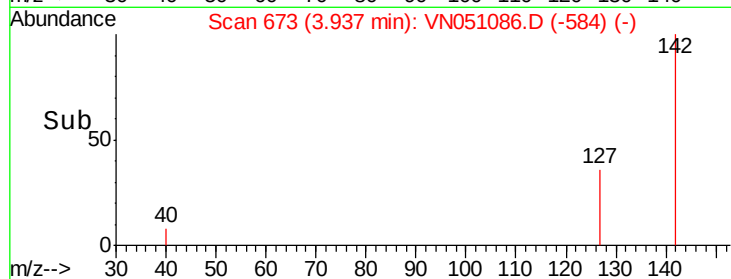
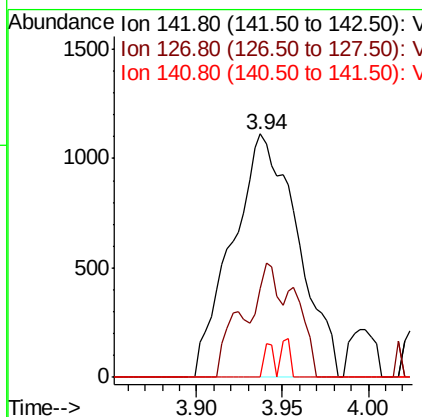
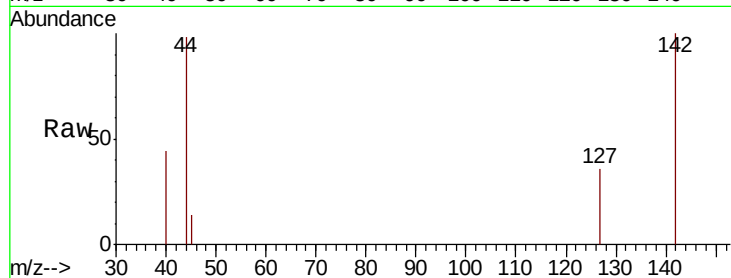




#10
Methvl Iodide
Concen: 6.03 ug/l
RT: 3.94 min Scan# 673
Delta R.T. -0.01 min
Lab File: VN051086.D
Acq: 10 Sep 2018 18:37

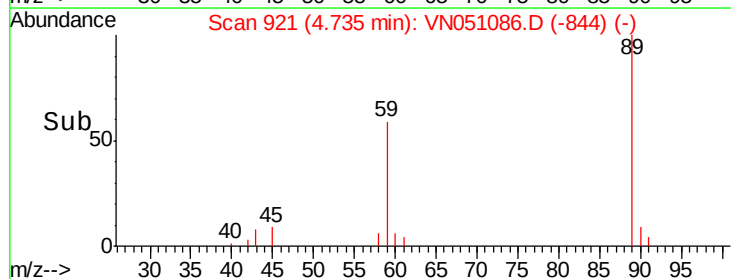
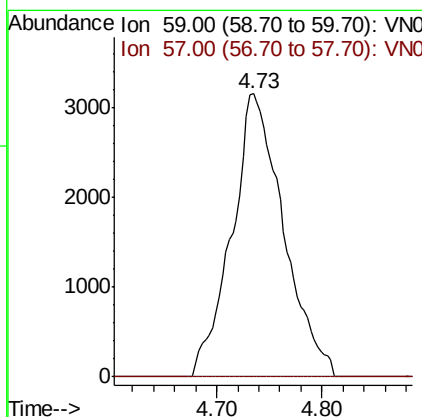
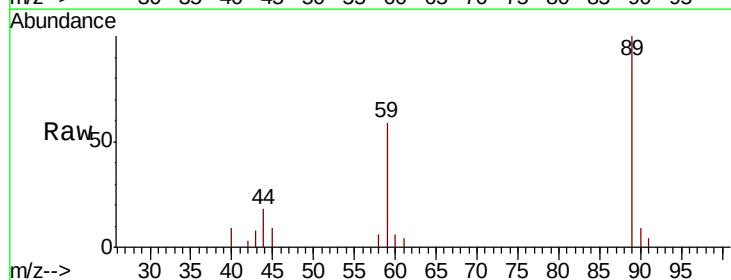
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-H(10-15)ME

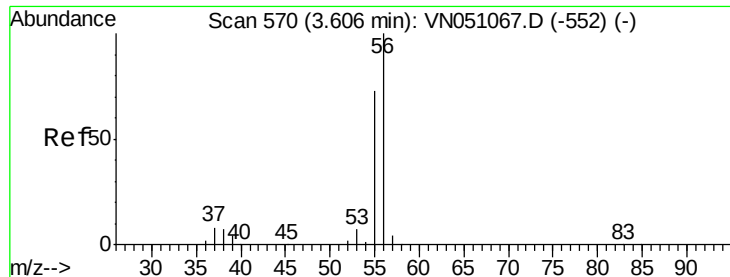
Tot Ion:142 Resp: 2947
Ion Ratio Lower Upper
142 100
127 7.5 31.0 46.4#
141 2.0 11.3 16.9#



#11
Tert butyl alcohol
Concen: 20.39 ug/l
RT: 4.73 min Scan# 921
Delta R.T. -0.05 min
Lab File: VN051086.D
Acq: 10 Sep 2018 18:37

Tgt Ion: 59 Resp: 10770
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#





#13

Acrolein

Concen: 24.42 ug/l

RT: 3.60 min Scan# 568

Delta R.T. -0.01 min

Lab File: VN051086.D

Acq: 10 Sep 2018 18:37

Instrument :

MSVOA_N

ClientSampleId :

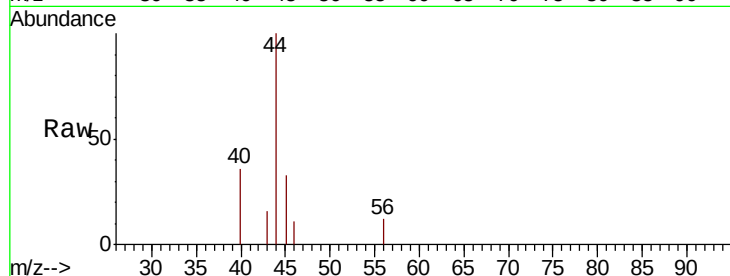
EP1-MW-H(10-15)ME

Tot Ion: 56 Resp: 100

Ion Ratio Lower Upper

56 100

55 168.0 58.0 87.0#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.60

150

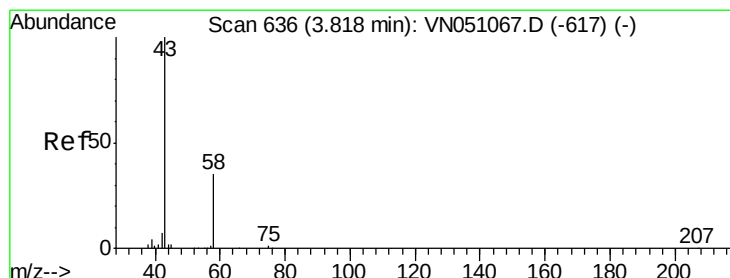
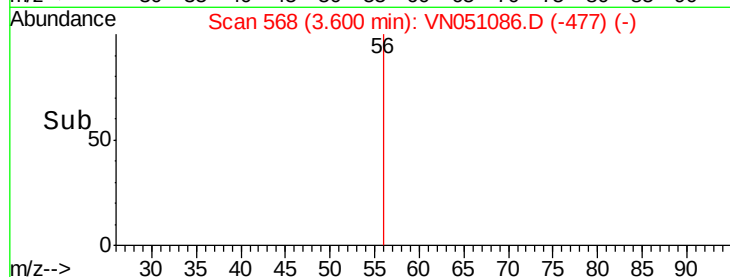
100

50

0

3.59 3.60 3.61

Time-->



#16

Acetone

Concen: Below Cal

RT: 3.84 min Scan# 643

Delta R.T. 0.02 min

Lab File: VN051086.D

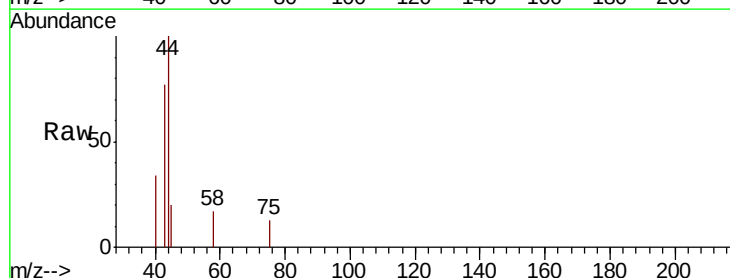
Acq: 10 Sep 2018 18:37

Tgt Ion: 43 Resp: 2885

Ion Ratio Lower Upper

43 100

58 22.0 27.8 41.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

1200

1000

800

600

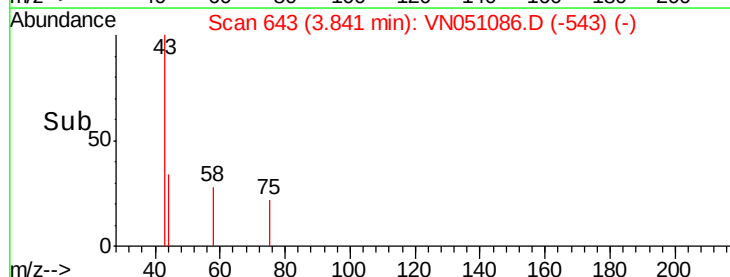
400

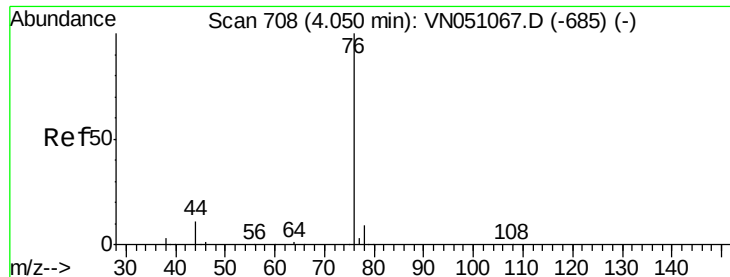
200

0

3.75 3.80 3.85 3.90

Time-->





#17

Carbon Disulfide

Concen: 0.28 ug/l

RT: 4.04 min Scan# 704

Delta R.T. -0.01 min

Lab File: VN051086.D

Acq: 10 Sep 2018 18:37

Instrument :

MSVOA_N

ClientSampleId :

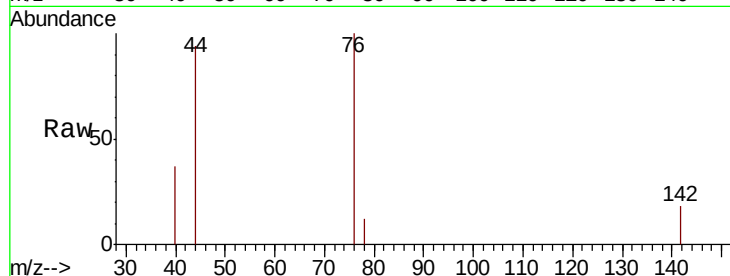
EP1-MW-H(10-15)ME

Tot Ion: 76 Resp: 3261

Ion Ratio Lower Upper

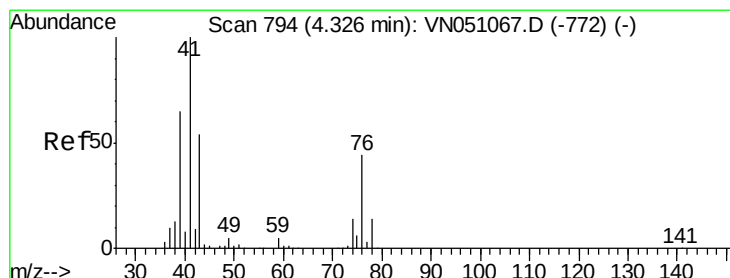
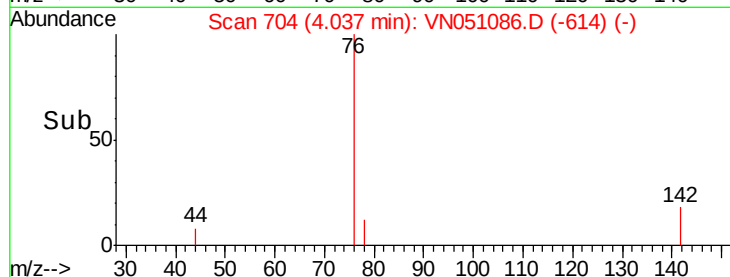
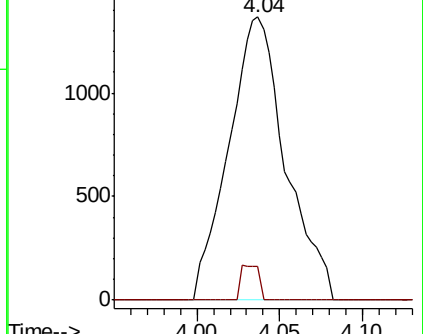
76 100

78 11.9 7.0 10.6#



Abundance Ion 75.90 (75.60 to 76.60): VN051067.D (-685) (-)

Ion 77.90 (77.60 to 78.60): VN051067.D (-685) (-)



#18

Methyl Acetate

Concen: 1.14 ug/l

RT: 4.34 min Scan# 798

Delta R.T. 0.01 min

Lab File: VN051086.D

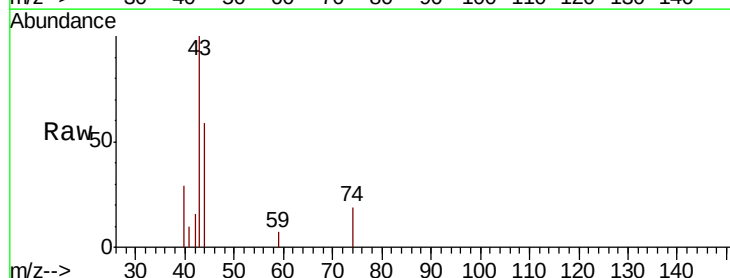
Acq: 10 Sep 2018 18:37

Tgt Ion: 43 Resp: 6323

Ion Ratio Lower Upper

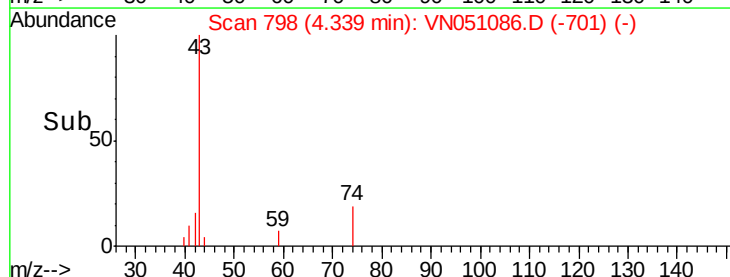
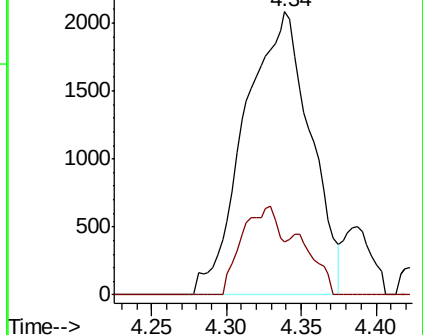
43 100

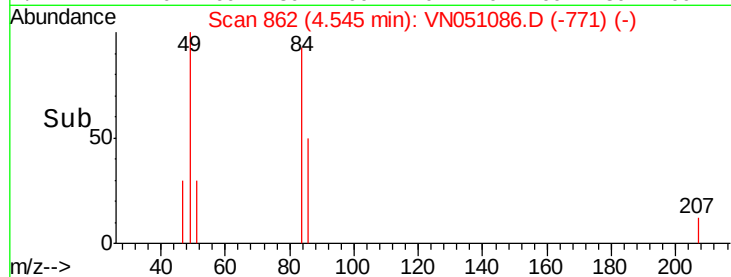
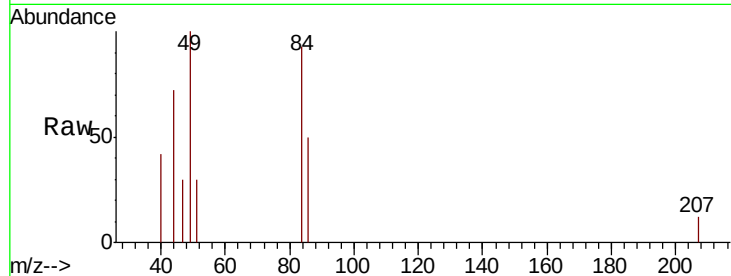
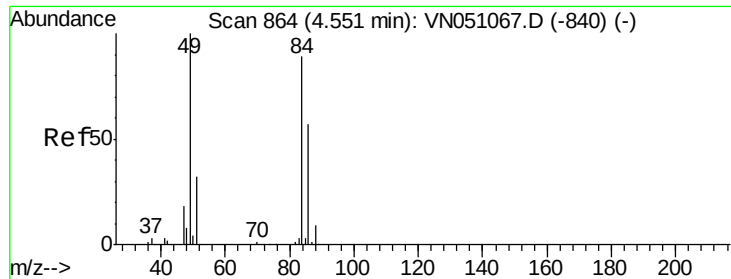
74 18.4 20.7 31.1#



Abundance Ion 43.00 (42.70 to 43.70): VN051067.D (-772) (-)

Ion 74.00 (73.70 to 74.70): VN051067.D (-772) (-)

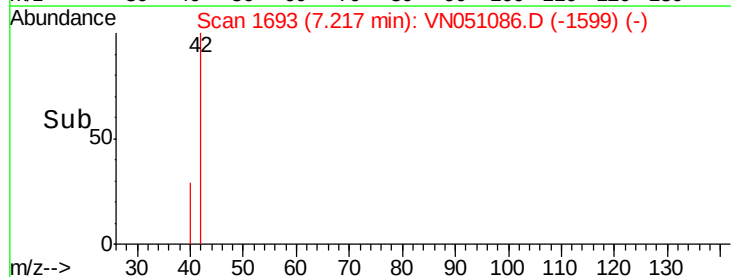
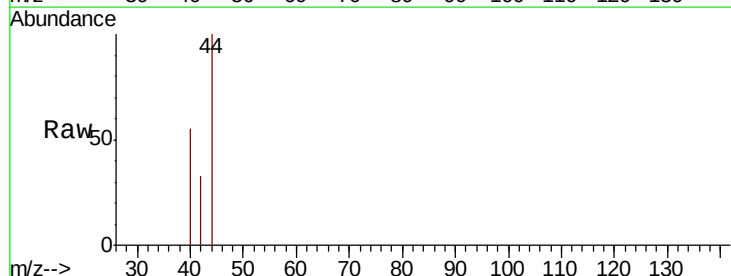
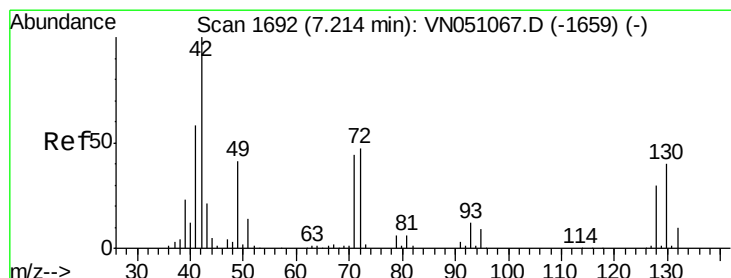
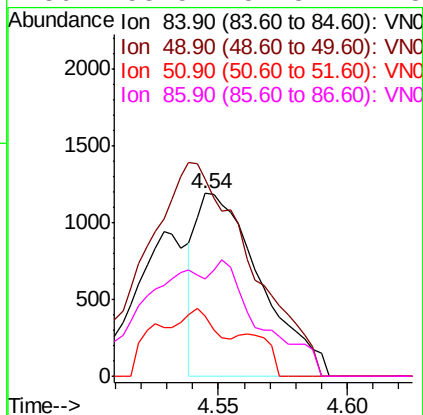




#20
Methvlene Chloride
Concen: 0.27 ug/l
RT: 4.54 min Scan# 862
Delta R.T. -0.01 min
Lab File: VN051086.D
Acq: 10 Sep 2018 18:37

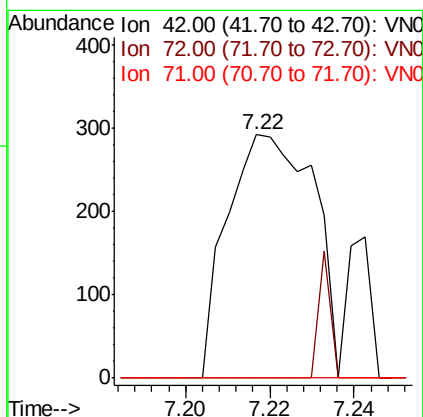
Instrument :
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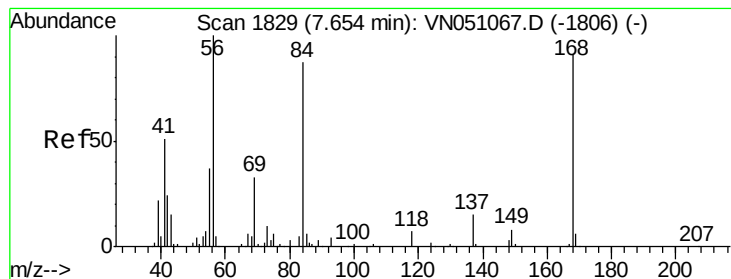
Tot Ion:	84	Resp:	2070
Ion	Ratio	Lower	Upper
84	100		
49	108.0	90.2	135.2
51	32.8	28.4	42.6
86	53.5	51.8	77.8



#29
Tetrahydrofuran
Concen: 0.24 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VN051086.D
Acq: 10 Sep 2018 18:37

Tgt Ion:	42	Resp:	415
Ion	Ratio	Lower	Upper
42	100		
72	0.0	37.4	56.0#
71	0.0	34.7	52.1#





#31

Cyclohexane

Concen: 0.64 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN051086.D

Acq: 10 Sep 2018 18:37

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-H(10-15)ME

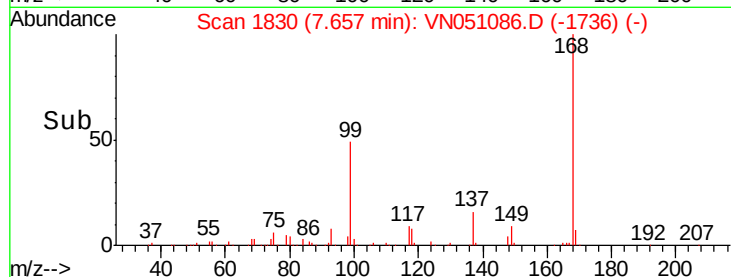
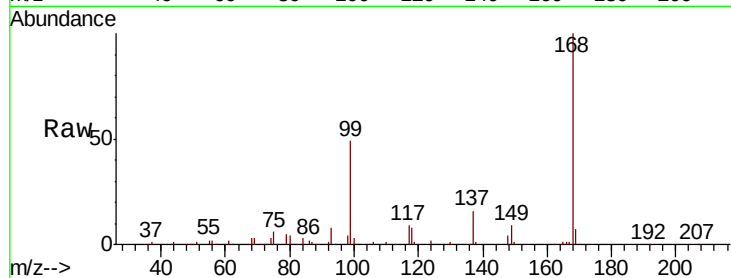
Tot Ion: 56 Resp: 9790

Ion Ratio Lower Upper

56 100

69 199.5 26.3 39.5#

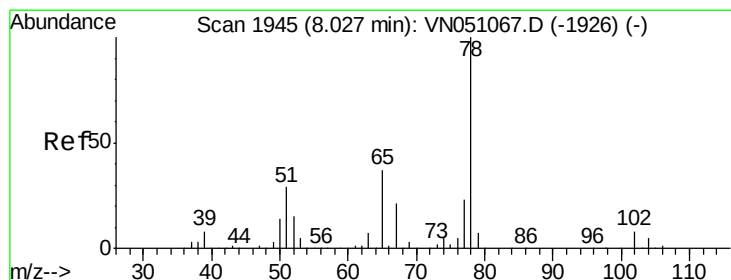
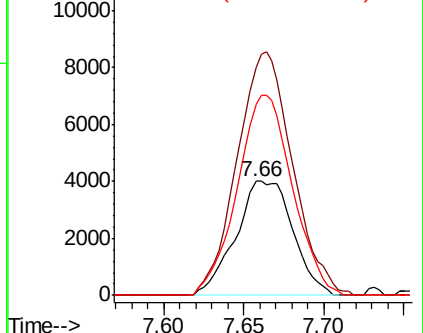
84 167.2 69.4 104.0#



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: 52.62 ug/l

RT: 8.02 min Scan# 1944

Delta R.T. -0.00 min

Lab File: VN051086.D

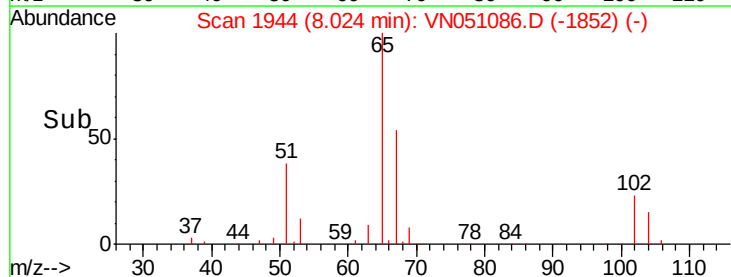
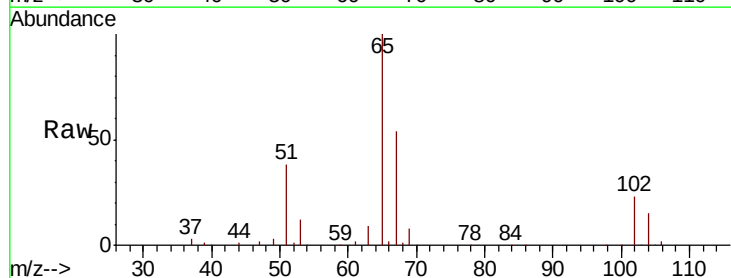
Acq: 10 Sep 2018 18:37

Tgt Ion: 65 Resp: 363885

Ion Ratio Lower Upper

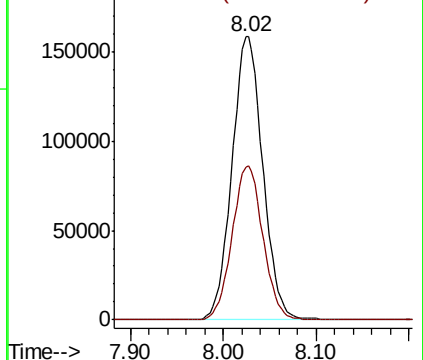
65 100

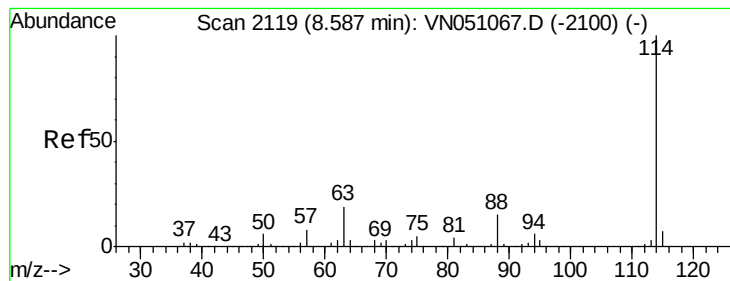
67 54.5 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.58 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN051086.D

Acq: 10 Sep 2018 18:37

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-H(10-15)ME

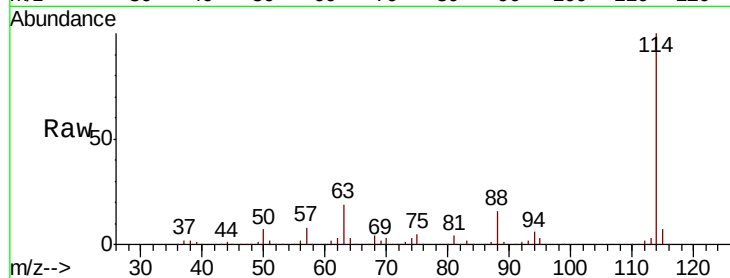
Tot Ion:114 Resp: 930245

Ion Ratio Lower Upper

114 100

63 18.9 0.0 37.8

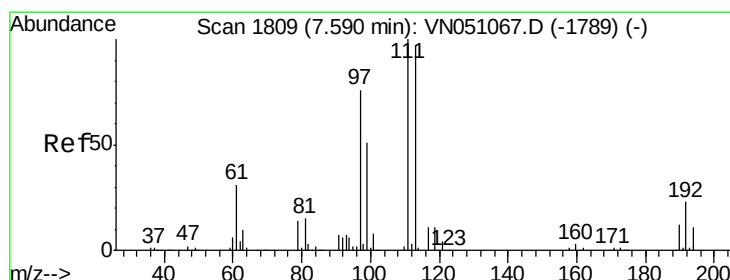
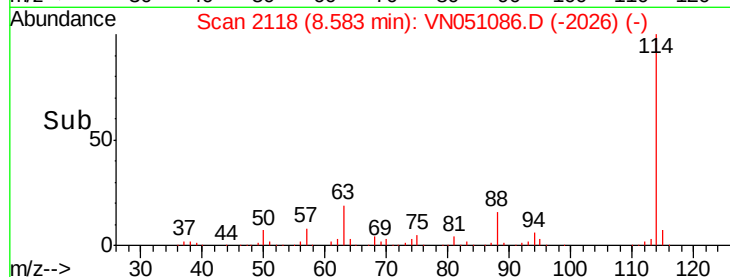
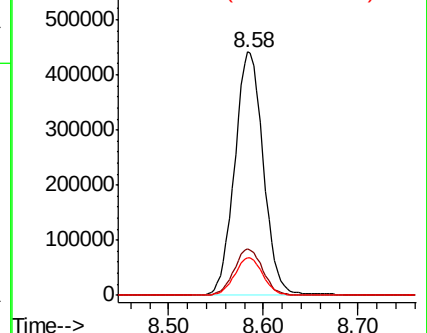
88 15.6 0.0 30.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 50.14 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN051086.D

Acq: 10 Sep 2018 18:37

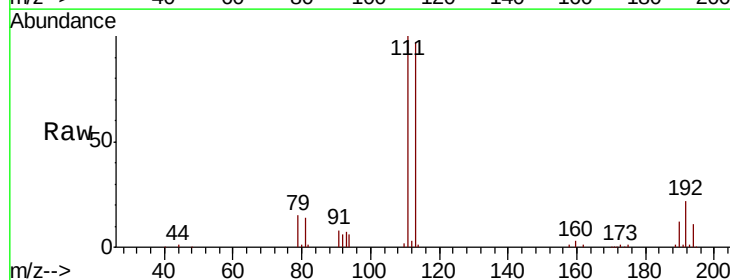
Tgt Ion:113 Resp: 350485

Ion Ratio Lower Upper

113 100

111 103.0 83.0 124.6

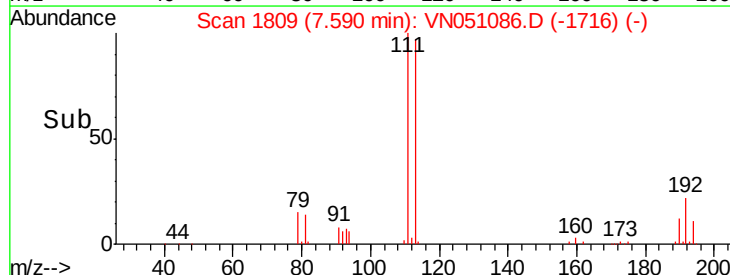
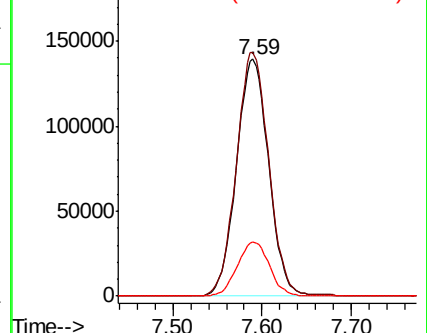
192 22.9 18.7 28.1

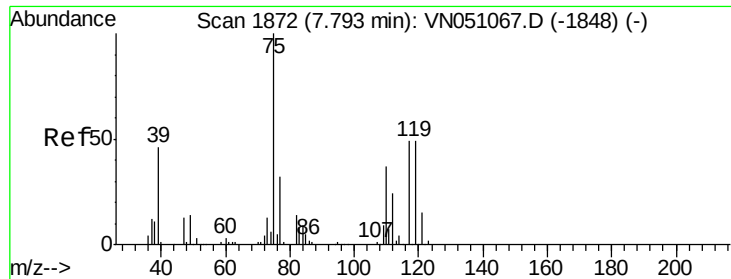


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

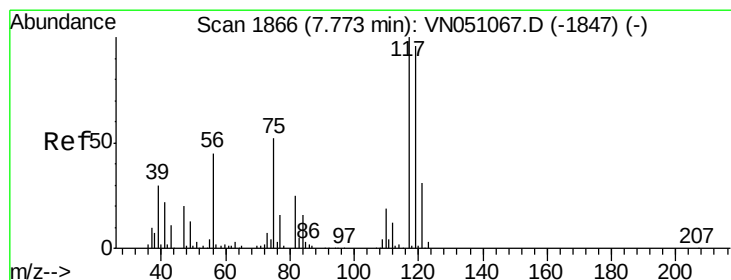
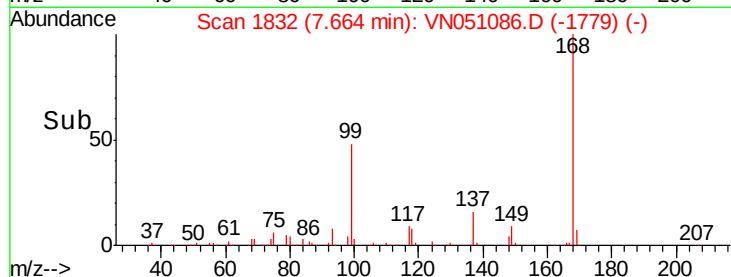
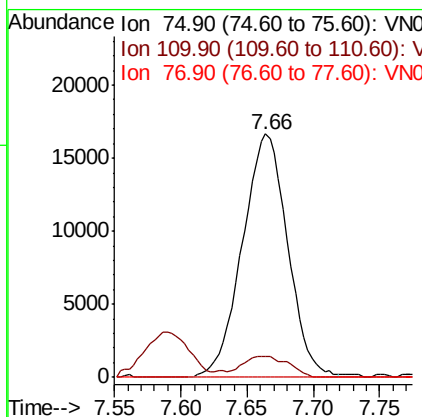
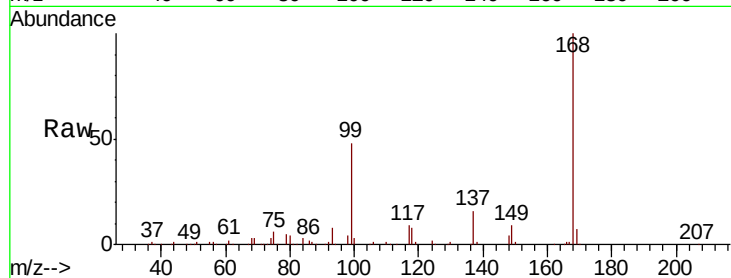




#36
 1,1-Dichloropropene
 Concen: 3.87 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN051086.D
 Acq: 10 Sep 2018 18:37

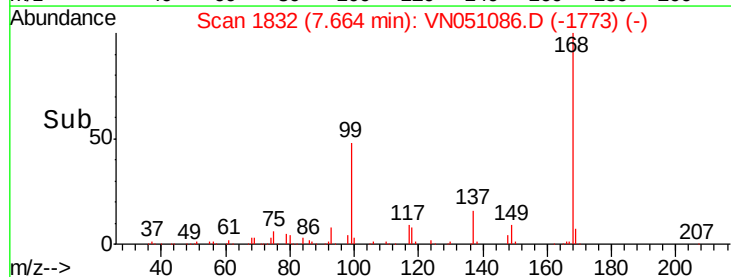
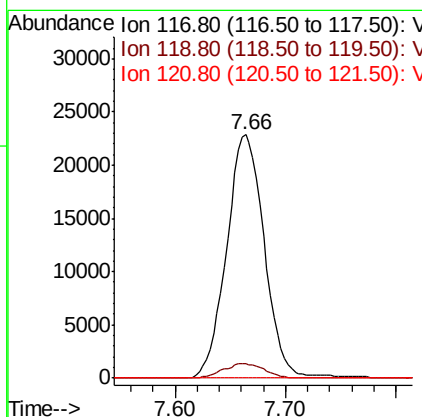
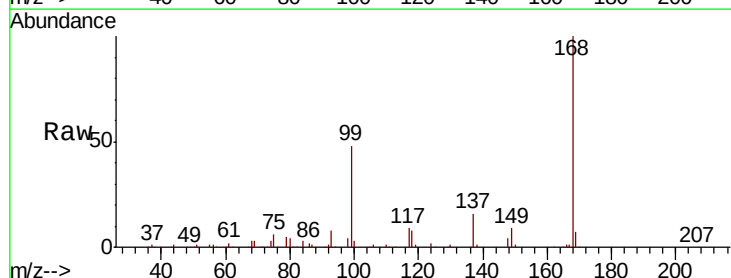
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-H(10-15)ME

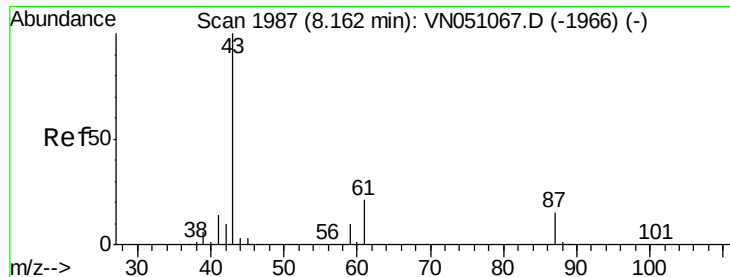
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.9	18.6	55.8#
77	0.0	25.2	37.8#



#38
 Carbon Tetrachloride
 Concen: 5.38 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.11 min
 Lab File: VN051086.D
 Acq: 10 Sep 2018 18:37

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.8	76.8	115.2#
121	0.0	24.6	36.8#





#43

Isopropyl Acetate

Concen: 0.38 ug/l

RT: 8.24 min Scan# 2010

Delta R.T. 0.07 min

Lab File: VN051086.D

Acq: 10 Sep 2018 18:37

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-H(10-15)ME

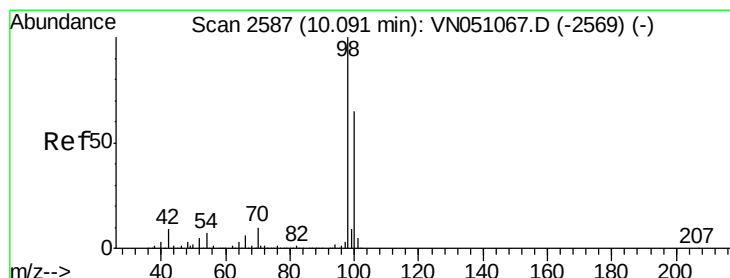
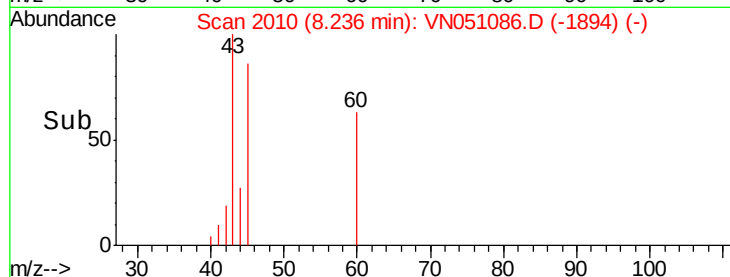
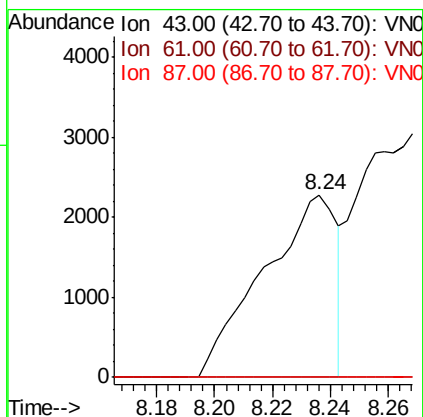
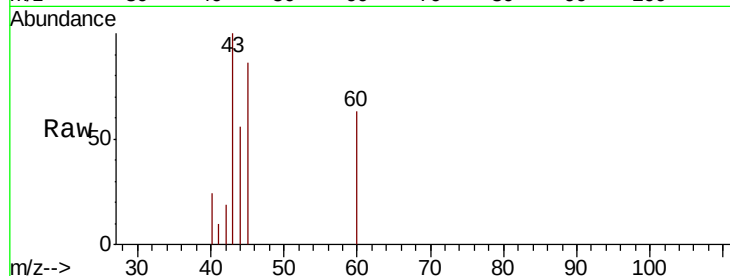
Tot Ion: 43 Resp: 3998

Ion Ratio Lower Upper

43 100

61 0.0 25.0 37.6#

87 0.0 11.8 17.8#



#50

Toluene-d8

Concen: 50.06 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051086.D

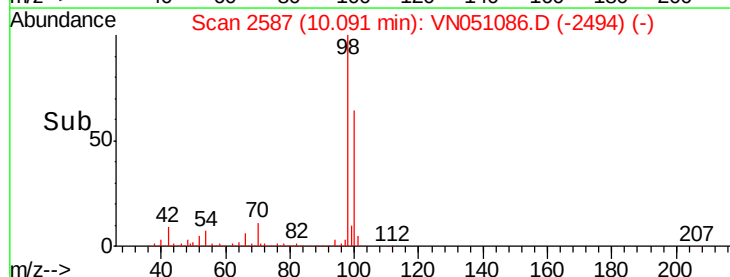
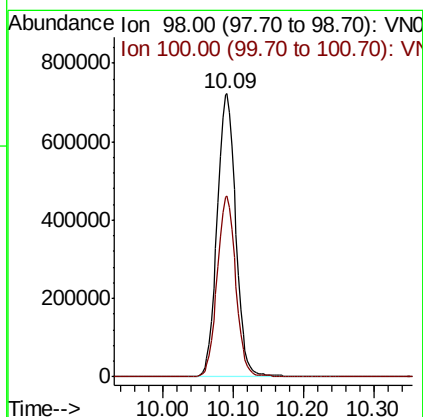
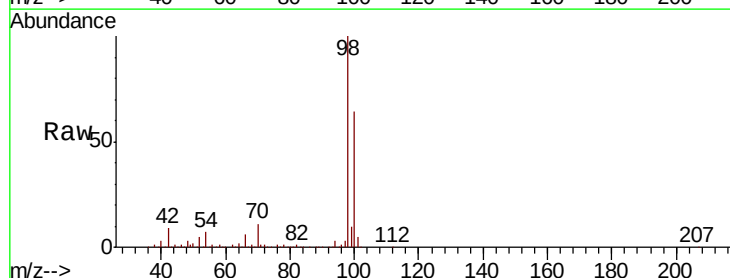
Acq: 10 Sep 2018 18:37

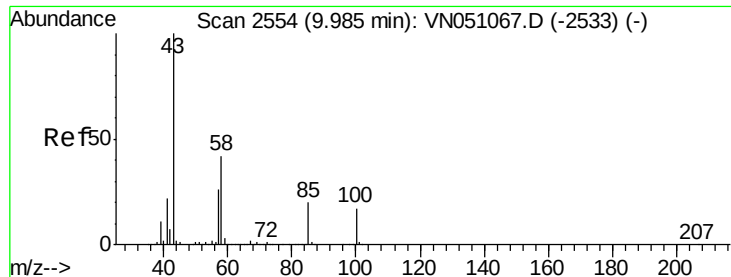
Tgt Ion: 98 Resp: 1327822

Ion Ratio Lower Upper

98 100

100 63.5 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 0.21 ug/l

RT: 9.99 min Scan# 2555

Delta R.T. 0.00 min

Lab File: VN051086.D

Acq: 10 Sep 2018 18:37

Instrument :

MSVOA_N

ClientSampleId :

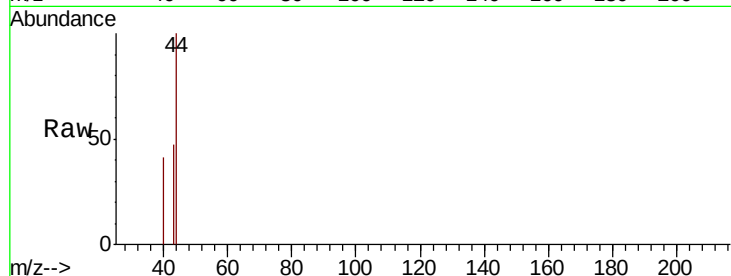
EP1-MW-H(10-15)ME

Tot Ion: 43 Resp: 1212

Ion Ratio Lower Upper

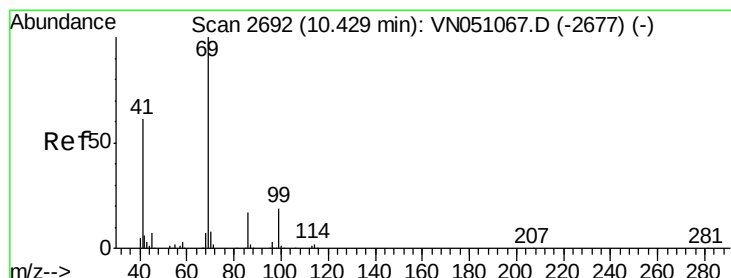
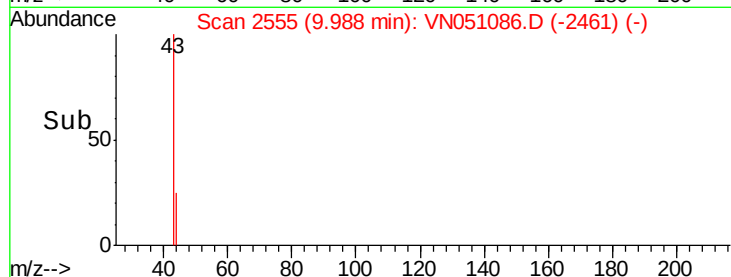
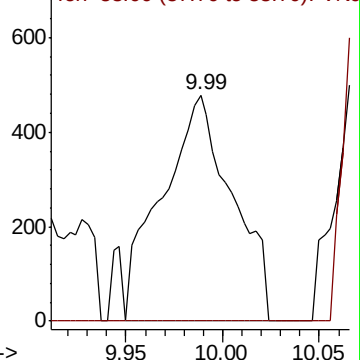
43 100

58 0.0 33.5 50.3#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#56

Ethyl methacrylate

Concen: 2.48 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. -0.00 min

Lab File: VN051086.D

Acq: 10 Sep 2018 18:37

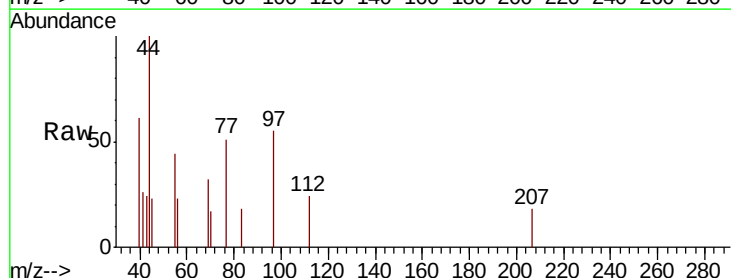
Tgt Ion: 69 Resp: 218

Ion Ratio Lower Upper

69 100

41 110.6 47.8 71.8#

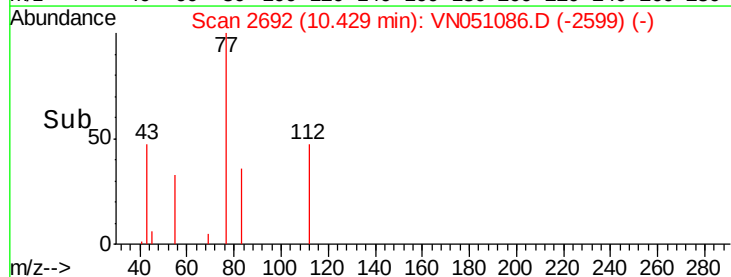
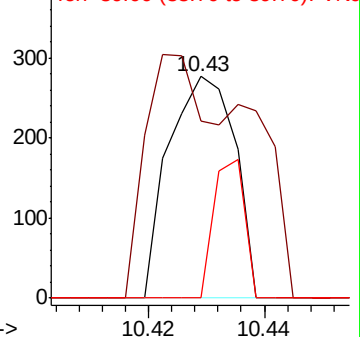
39 29.4 23.0 34.4

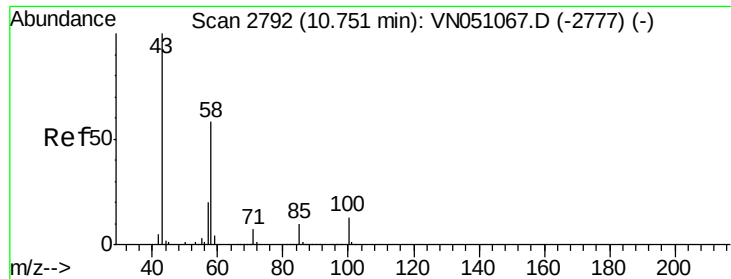


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

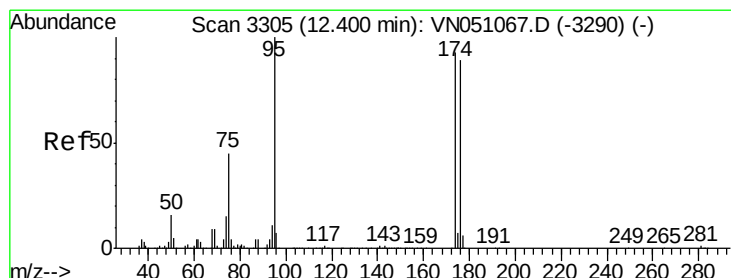
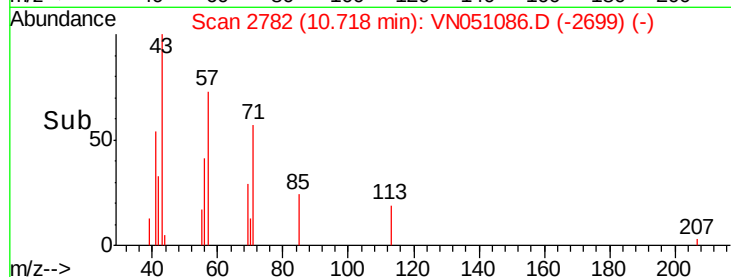
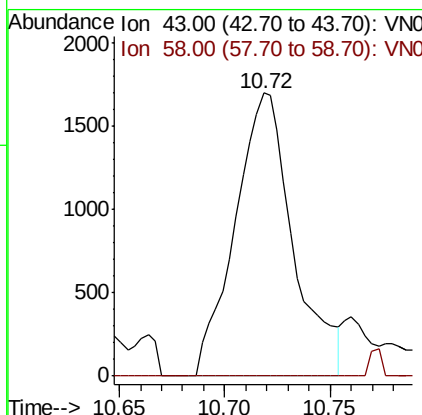
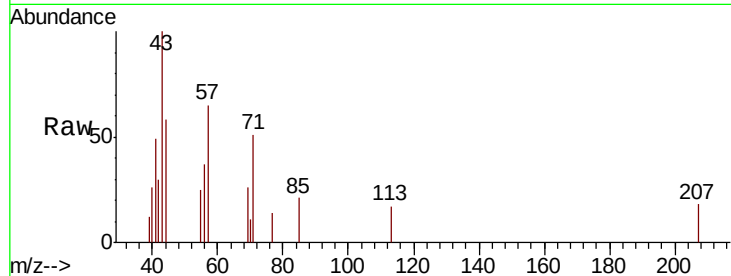




#59
2-Hexanone
Concen: 0.83 ug/l
RT: 10.72 min Scan# 2782
Delta R.T. -0.03 min
Lab File: VN051086.D
Acq: 10 Sep 2018 18:37

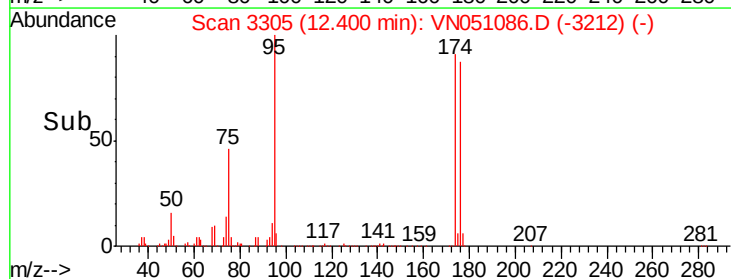
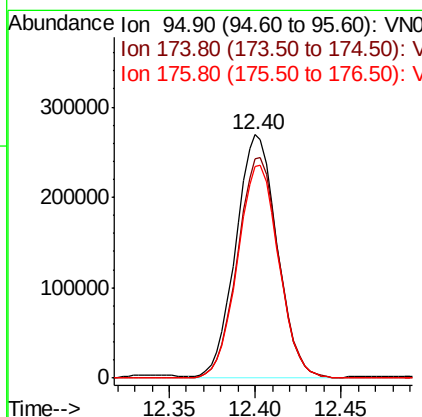
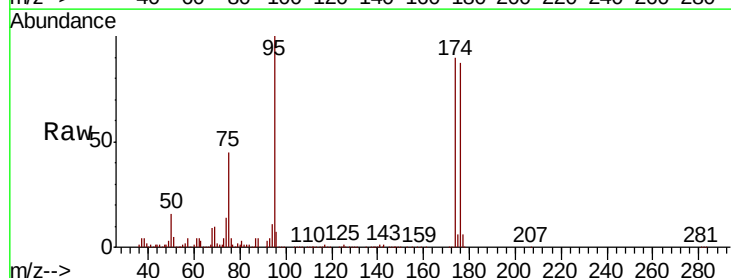
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-H(10-15)ME

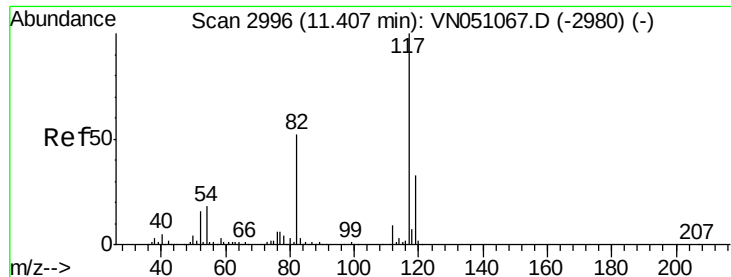
Tot Ion: 43 Resp: 3253
Ion Ratio Lower Upper
43 100
58 0.0 29.3 88.0#



#62
4-Bromofluorobenzene
Concen: 50.71 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN051086.D
Acq: 10 Sep 2018 18:37

Tgt Ion: 95 Resp: 444891
Ion Ratio Lower Upper
95 100
174 91.7 0.0 184.8
176 88.2 0.0 178.6

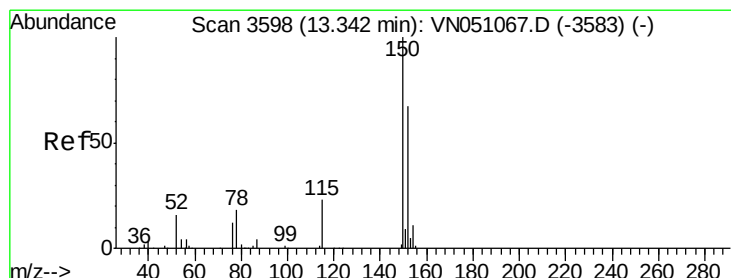
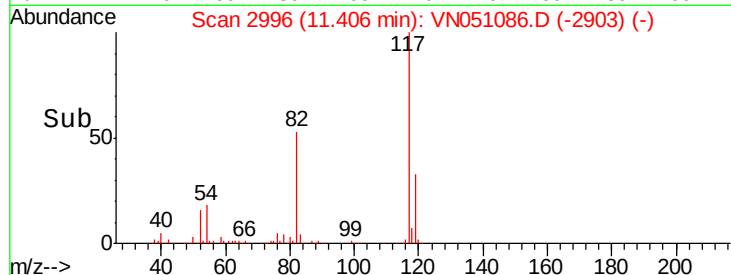
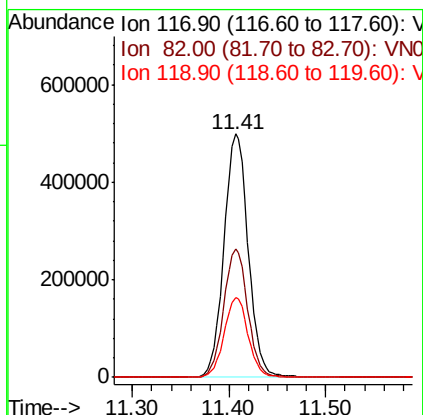
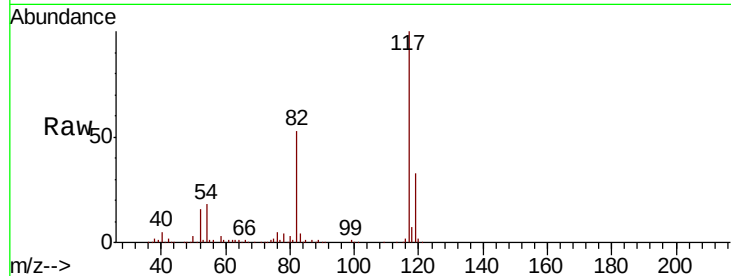




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN051086.D
Acq: 10 Sep 2018 18:37

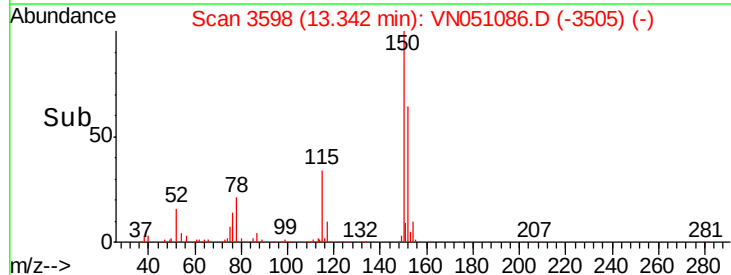
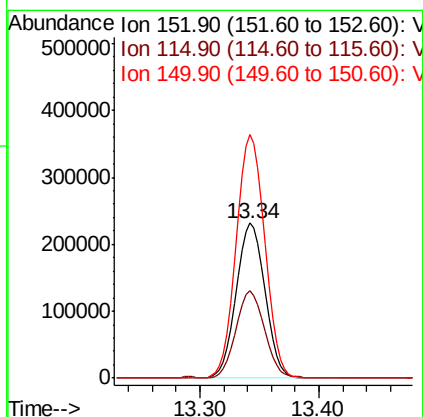
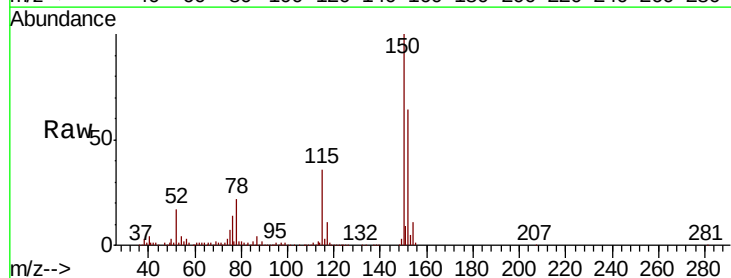
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-H(10-15)ME

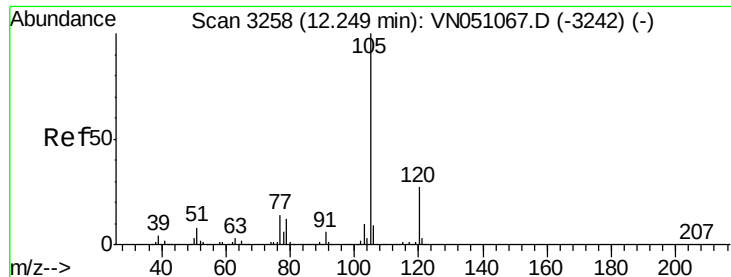
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.9	41.8	62.6
119	32.7	26.2	39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN051086.D
Acq: 10 Sep 2018 18:37

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.5	28.2	84.7
150	155.8	0.0	349.0





#73

Isopropylbenzene

Concen: 0.34 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN051086.D

Acq: 10 Sep 2018 18:37

Instrument :

MSVOA_N

ClientSampleId :

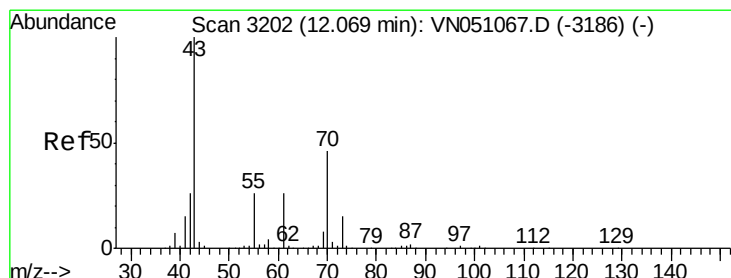
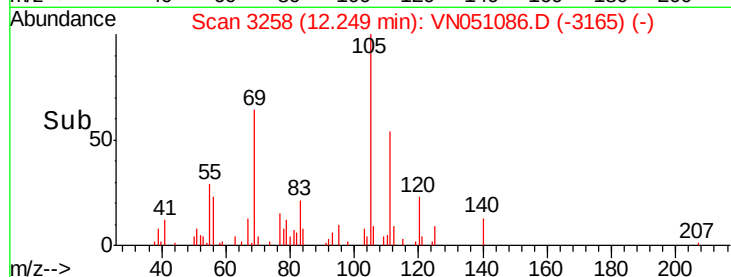
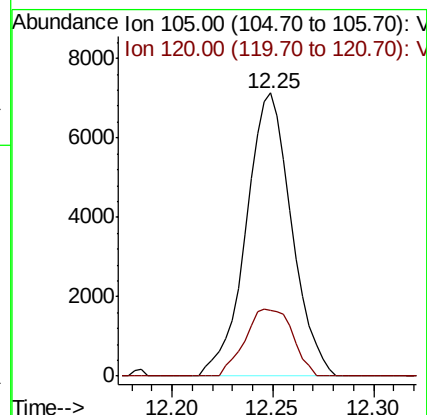
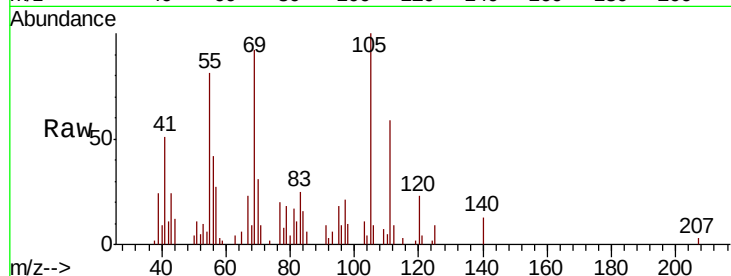
EP1-MW-H(10-15)ME

Tot Ion:105 Resp: 11247

Ion Ratio Lower Upper

105 100

120 24.7 13.6 40.7



#74

N-ethyl acetate

Concen: 4.75 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.03 min

Lab File: VN051086.D

Acq: 10 Sep 2018 18:37

Tgt Ion: 43 Resp: 38995

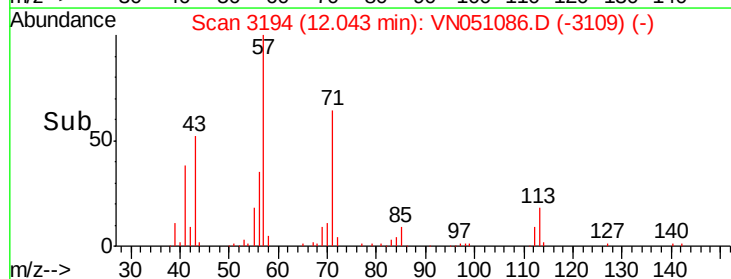
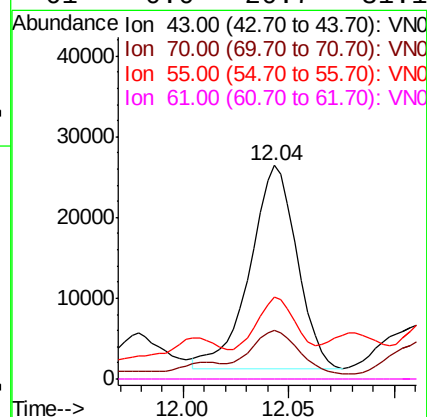
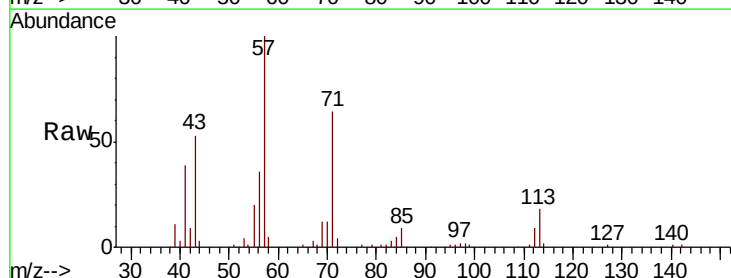
Ion Ratio Lower Upper

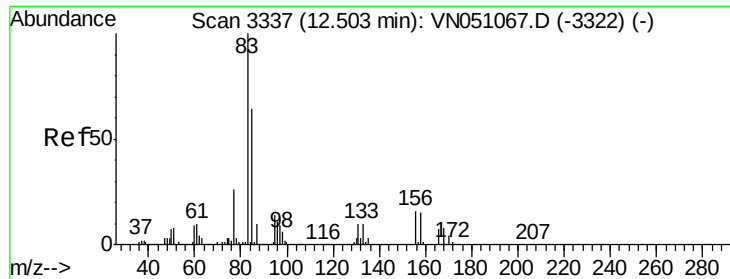
43 100

70 22.1 37.0 55.4#

55 22.6 21.3 31.9

61 0.0 20.7 31.1#





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.47 min Scan# 3326

Delta R.T. -0.03 min

Lab File: VN051086.D

Acq: 10 Sep 2018 18:37

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-H(10-15)ME

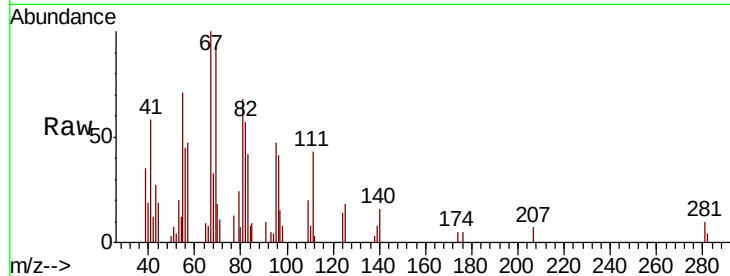
Tot Ion: 83 Resp: 4167

Ion Ratio Lower Upper

83 100

131 0.0 5.3 16.1#

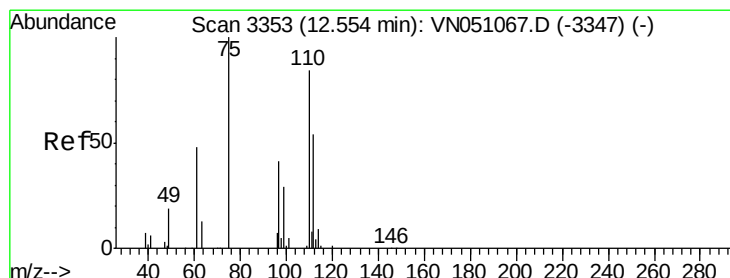
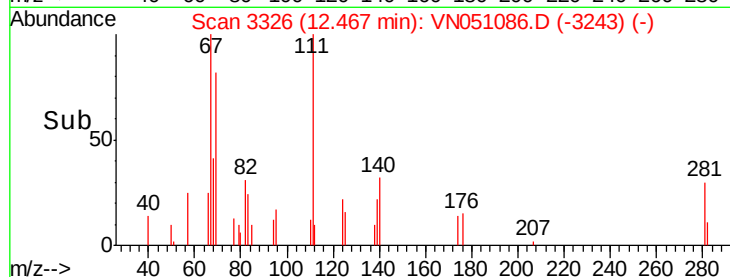
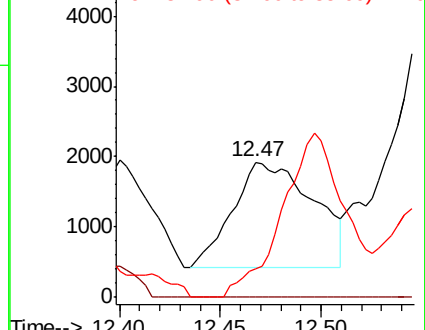
85 0.0 32.3 96.8#



Abundance Ion 82.90 (82.60 to 83.60): VN051067.D (-3322) (-)

Ion 130.80 (130.50 to 131.50): VN051067.D (-3322) (-)

Ion 84.90 (84.60 to 85.60): VN051067.D (-3322) (-)



#76

1,2,3-Trichloropropane

Concen: 33.16 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN051086.D

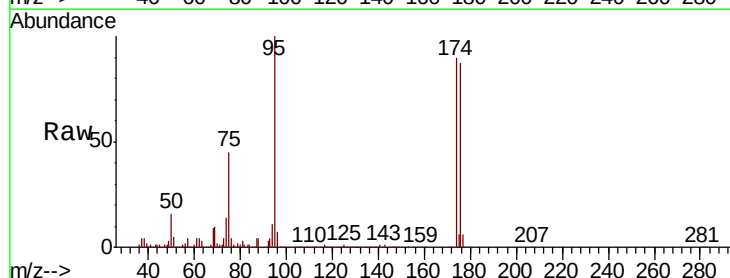
Acq: 10 Sep 2018 18:37

Tgt Ion: 75 Resp: 203049

Ion Ratio Lower Upper

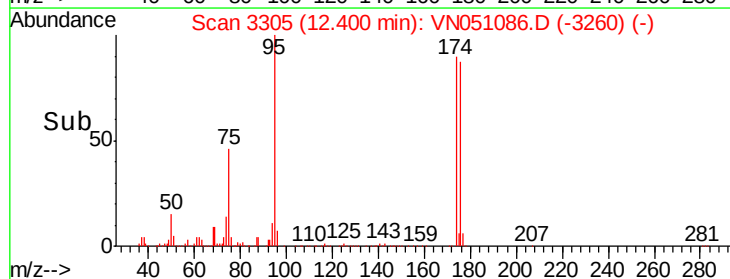
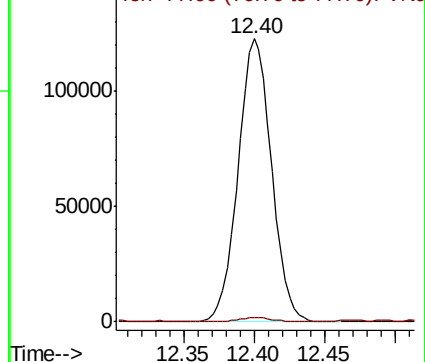
75 100

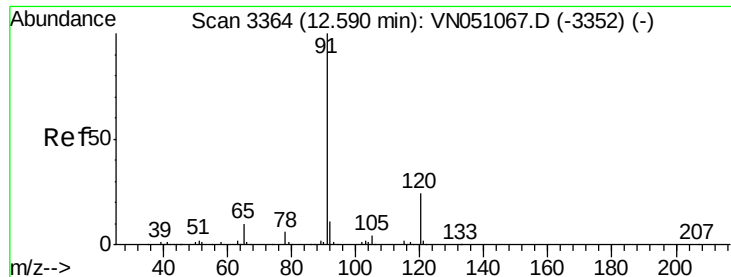
77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN051067.D (-3347) (-)

Ion 77.00 (76.70 to 77.70): VN051067.D (-3347) (-)





#78

n-propylbenzene

Concen: 1.01 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN051086.D

Acq: 10 Sep 2018 18:37

Instrument :

MSVOA_N

ClientSampleId :

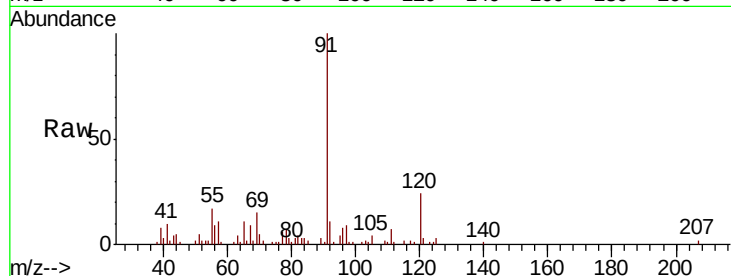
EP1-MW-H(10-15)ME

Tot Ion: 91 Resp: 36187

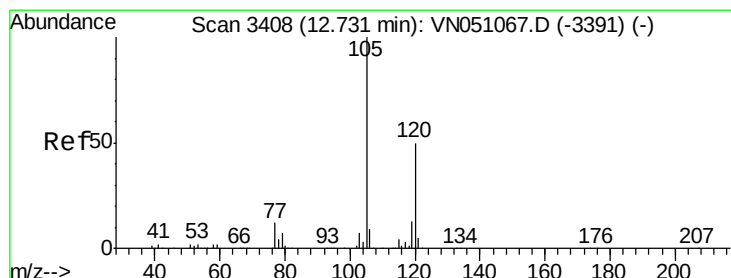
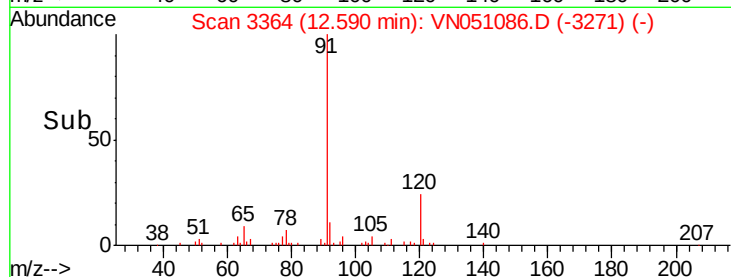
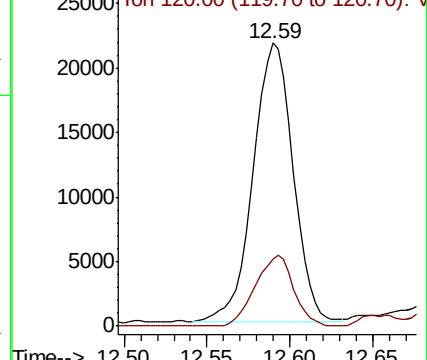
Ion Ratio Lower Upper

91 100

120 24.2 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN051067.D (-3352) (-)



#80

1,3,5-Trimethylbenzene

Concen: 0.61 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN051086.D

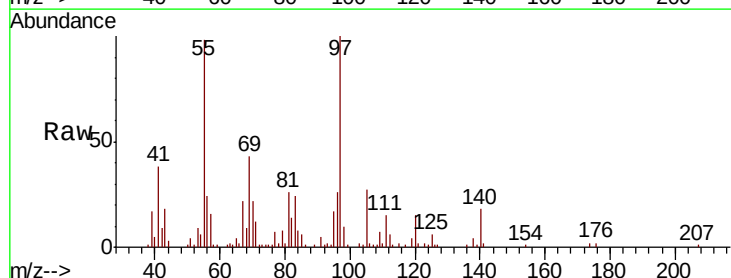
Acq: 10 Sep 2018 18:37

Tgt Ion: 105 Resp: 15973

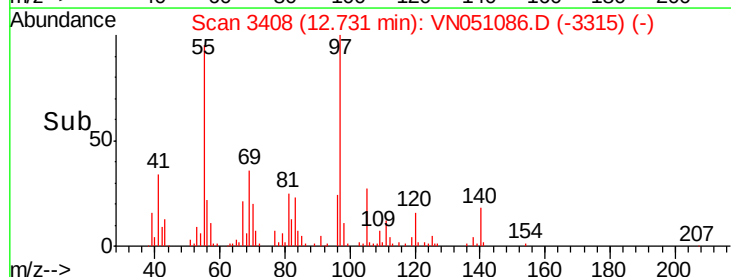
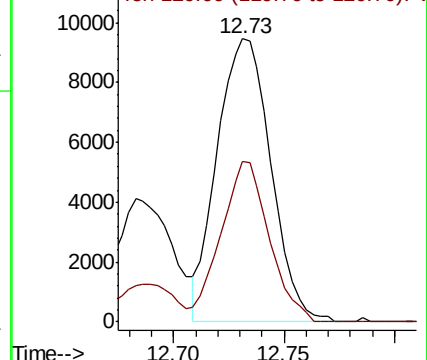
Ion Ratio Lower Upper

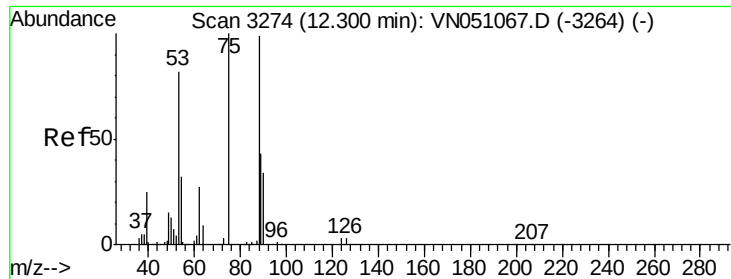
105 100

120 51.2 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VN051067.D (-3391) (-)

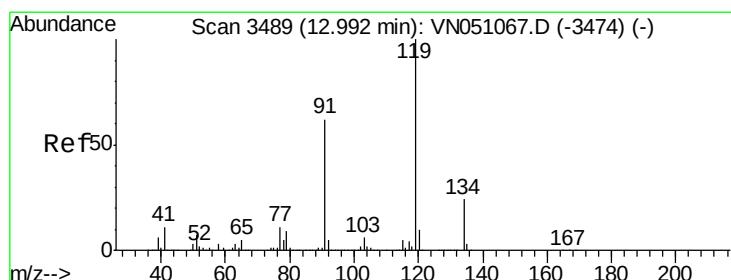
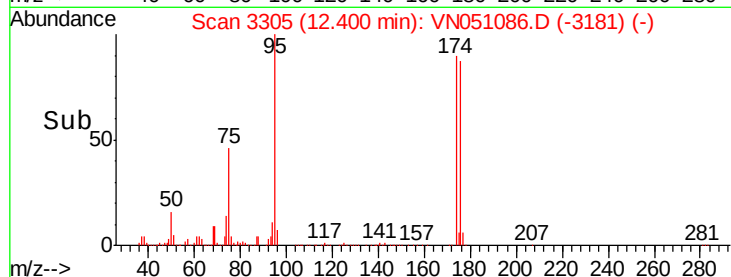
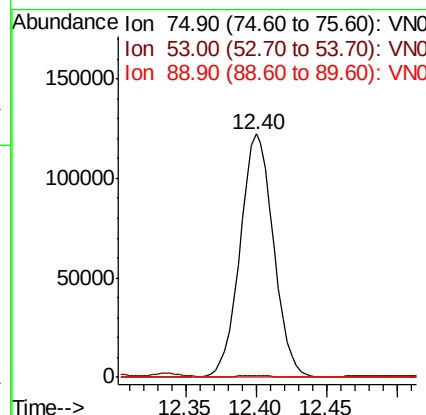
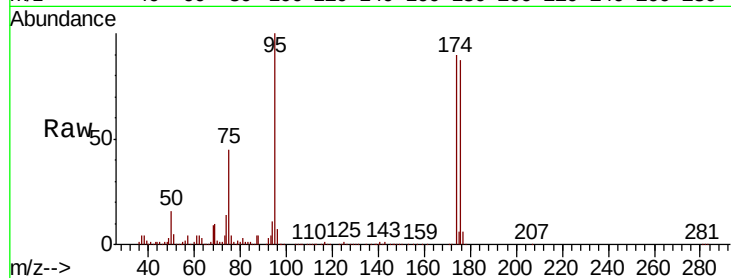




#81
trans-1,4-Dichloro-2-butene
Concen: 99.12 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN051086.D
Acq: 10 Sep 2018 18:37

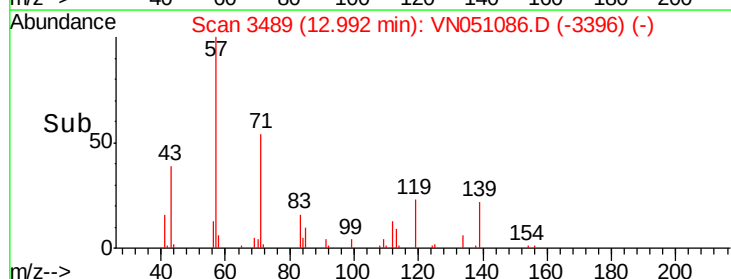
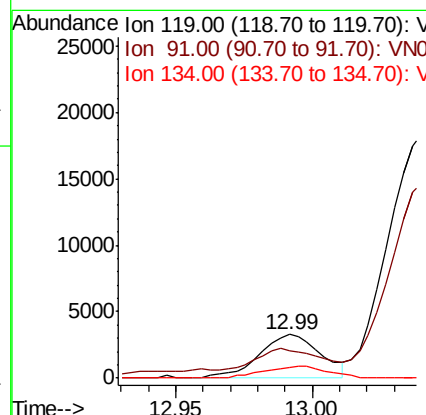
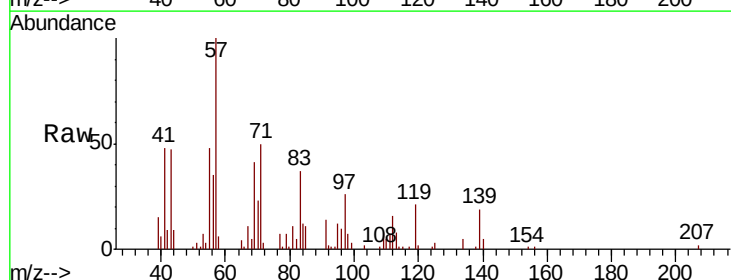
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-H(10-15)ME

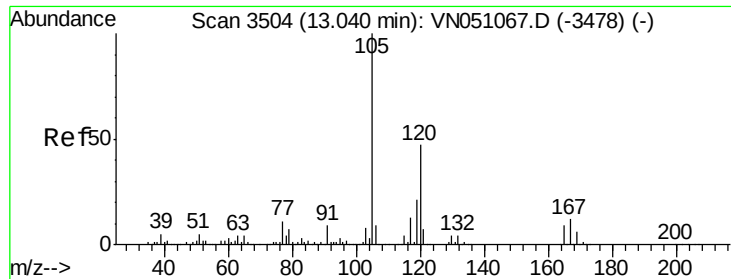
Tot Ion: 75 Resp: 203049
Ion Ratio Lower Upper
75 100
53 1.0 67.8 101.8#
89 0.0 36.0 54.0#



#83
tert-Butylbenzene
Concen: 0.22 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. -0.00 min
Lab File: VN051086.D
Acq: 10 Sep 2018 18:37

Tgt Ion: 119 Resp: 5090
Ion Ratio Lower Upper
119 100
91 51.9 30.8 92.3
134 27.7 13.2 39.6

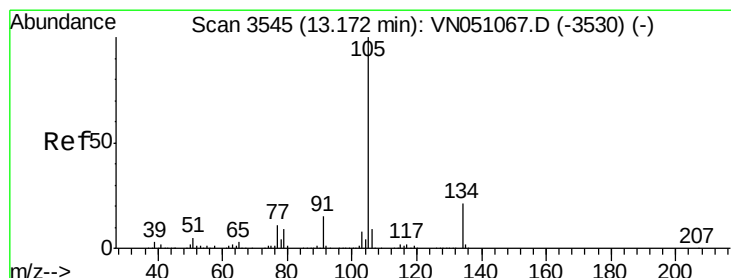
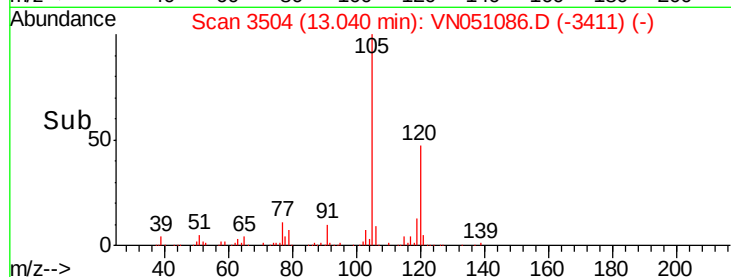
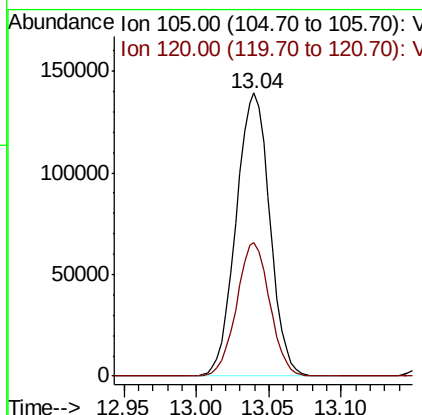
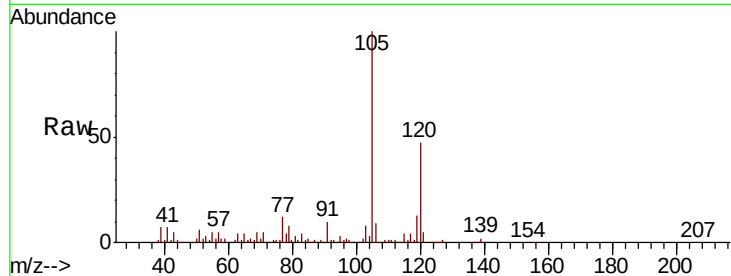




#84
 1,2,4-Trimethylbenzene
 Concen: 8.67 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN051086.D
 Acq: 10 Sep 2018 18:37

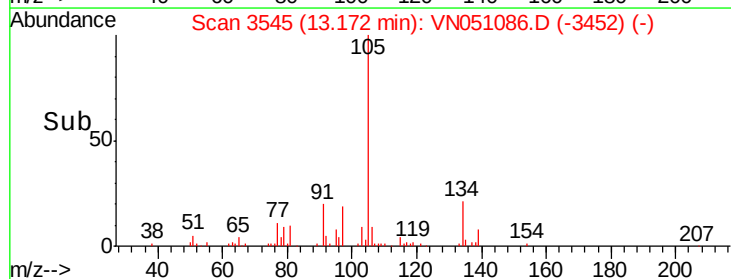
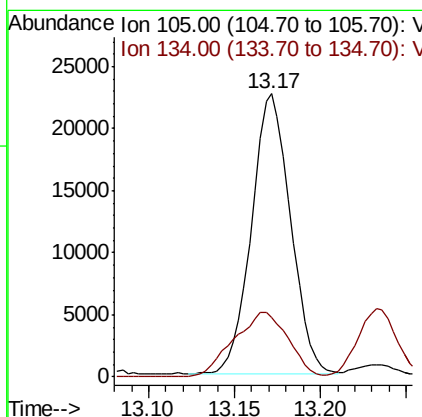
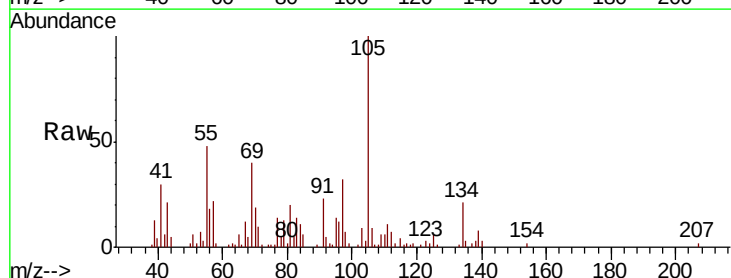
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-H(10-15)ME

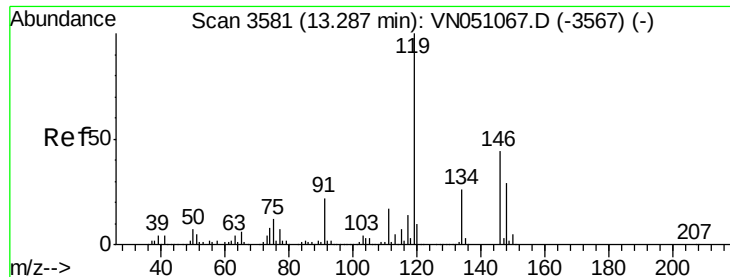
Tot Ion:105 Resp: 224927
 Ion Ratio Lower Upper
 105 100
 120 46.5 23.3 69.8



#85
 sec-Butylbenzene
 Concen: 1.19 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. -0.00 min
 Lab File: VN051086.D
 Acq: 10 Sep 2018 18:37

Tgt Ion:105 Resp: 35570
 Ion Ratio Lower Upper
 105 100
 134 32.2 10.4 31.4#

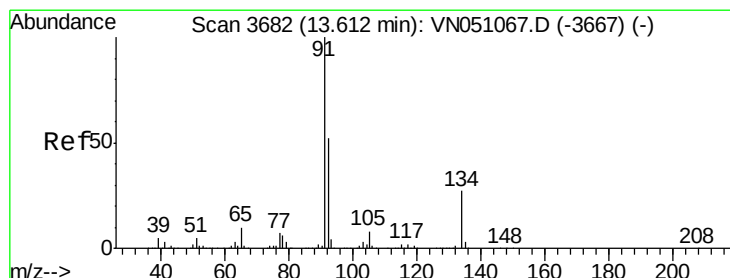
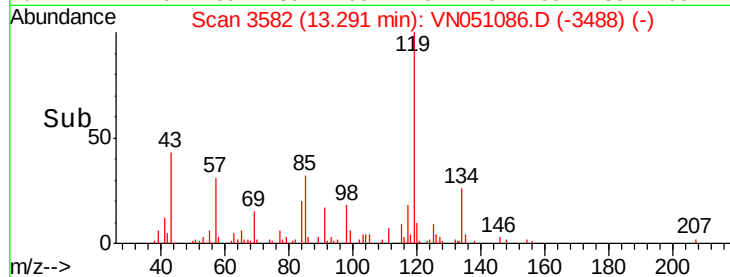
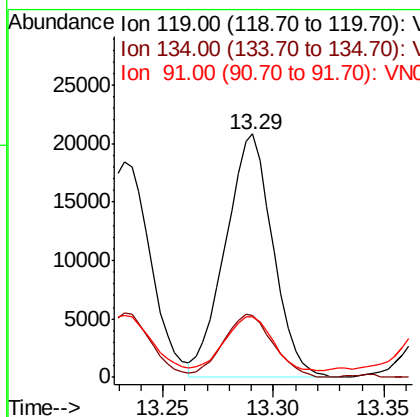
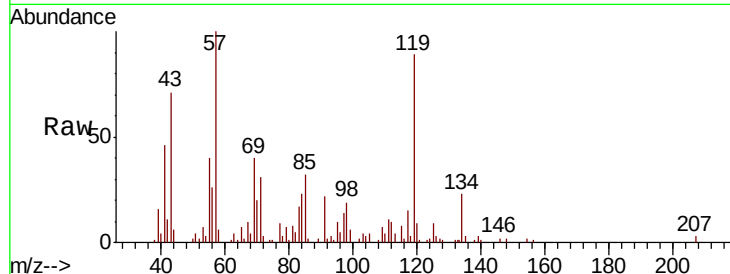




#86
 p-Isopropyltoluene
 Concen: 1.23 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN051086.D
 Acq: 10 Sep 2018 18:37

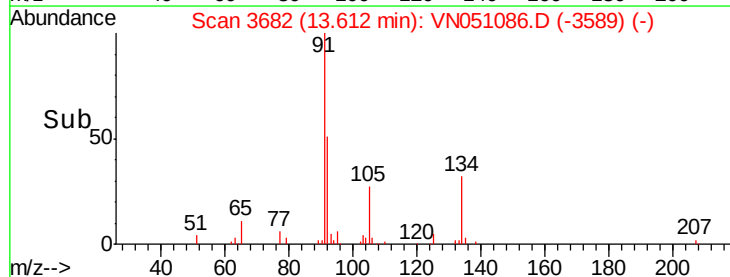
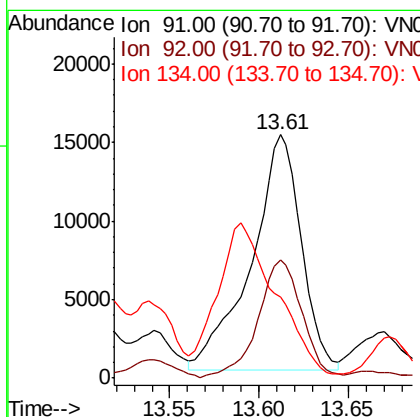
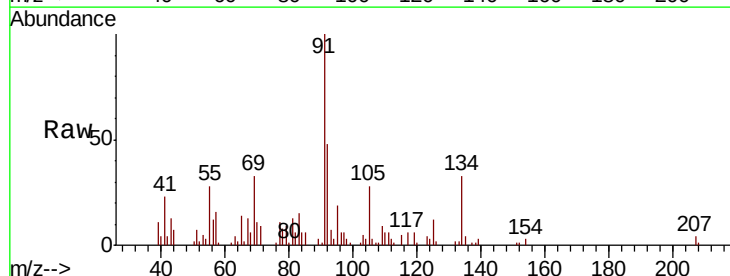
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-H(10-15)ME

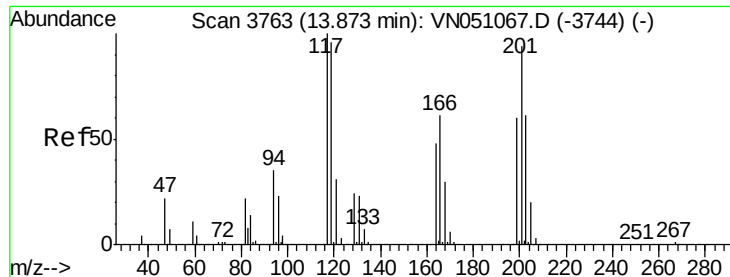
Tot Ion: 119 Resp: 31118
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.5 40.4
 91 21.6 10.9 32.9



#89
 n-Butylbenzene
 Concen: 1.49 ug/l
 RT: 13.61 min Scan# 3682
 Delta R.T. -0.00 min
 Lab File: VN051086.D
 Acq: 10 Sep 2018 18:37

Tgt Ion: 91 Resp: 29306
 Ion Ratio Lower Upper
 91 100
 92 44.3 26.2 78.6
 134 0.0 13.7 41.1#





#90

Hexachloroethane

Concen: 0.41 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.02 min

Lab File: VN051086.D

Acq: 10 Sep 2018 18:37

Instrument :

MSVOA_N

ClientSampleId :

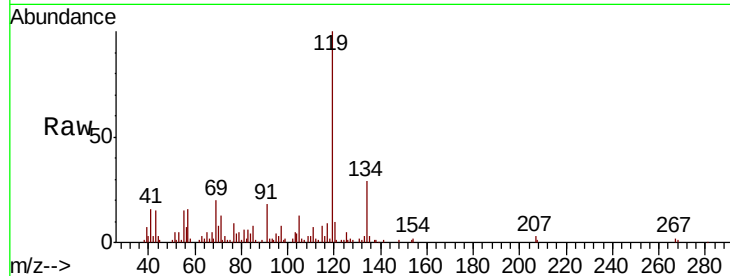
EP1-MW-H(10-15)ME

Tot Ion:117 Resp: 4722

Ion Ratio Lower Upper

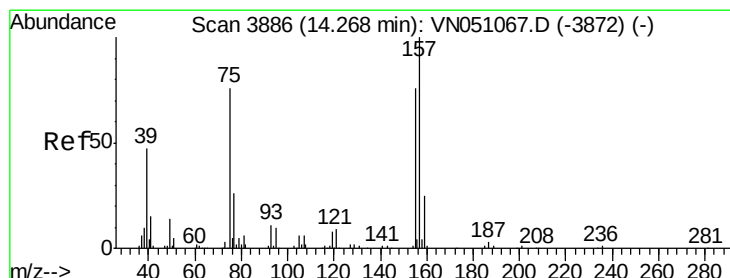
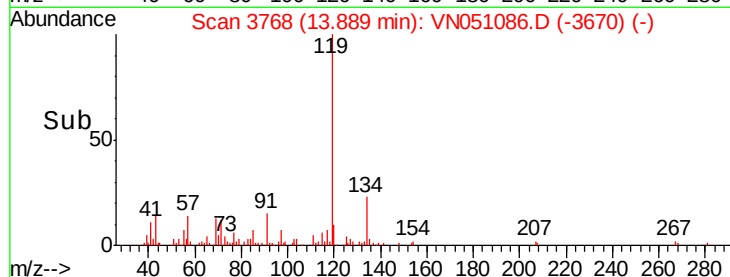
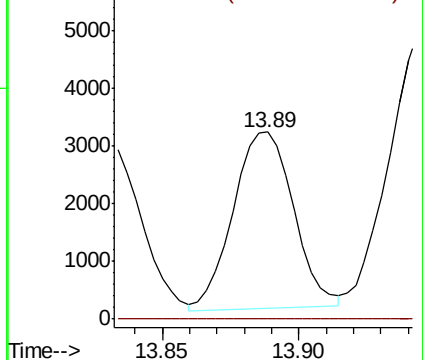
117 100

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



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.93 ug/l

RT: 14.26 min Scan# 3884

Delta R.T. -0.01 min

Lab File: VN051086.D

Acq: 10 Sep 2018 18:37

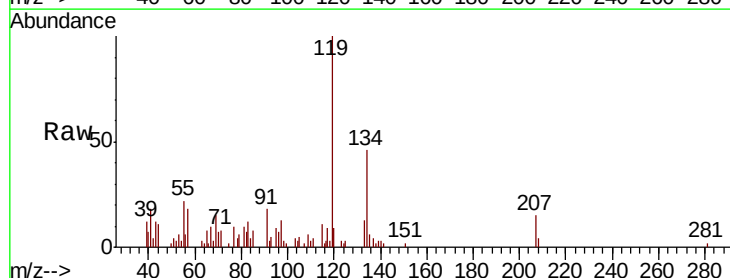
Tgt Ion: 75 Resp: 305

Ion Ratio Lower Upper

75 100

155 0.0 48.7 146.1#

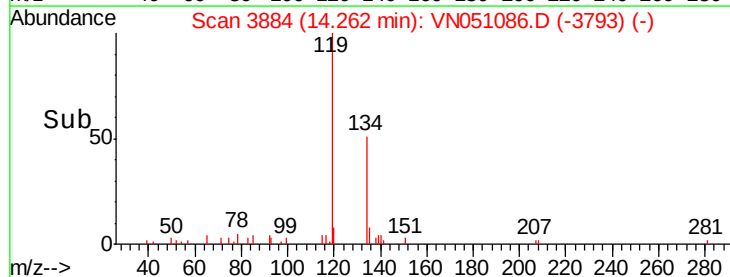
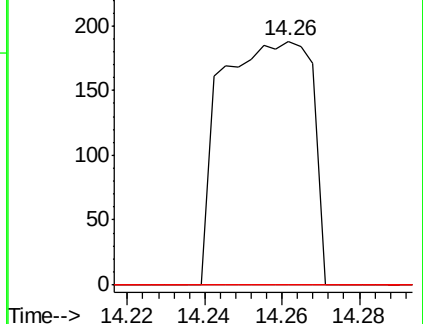
157 0.0 63.6 190.9#

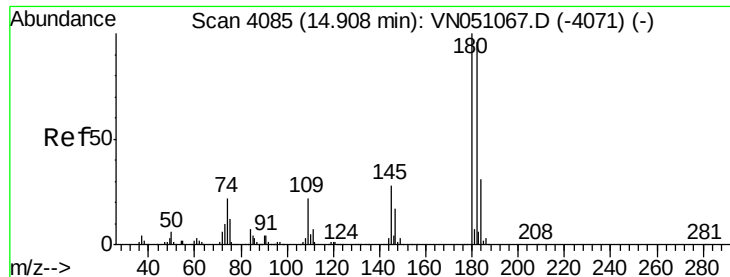


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 4.12 ua/l

RT: 14.91 min Scan# 4086

Delta R.T. 0.00 min

Lab File: VN051086.D

Acq: 10 Sep 2018 18:37

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-H(10-15)ME

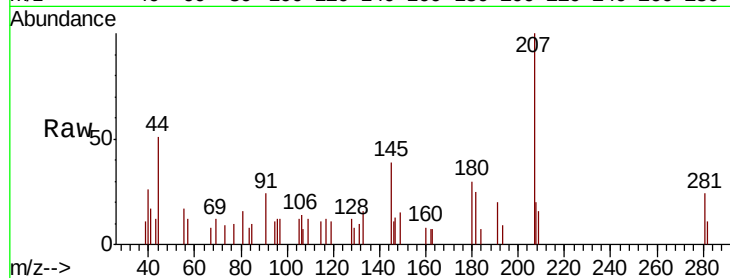
Tot Ion:180 Resp: 1032

Ion Ratio Lower Upper

180 100

182 64.1 47.3 141.8

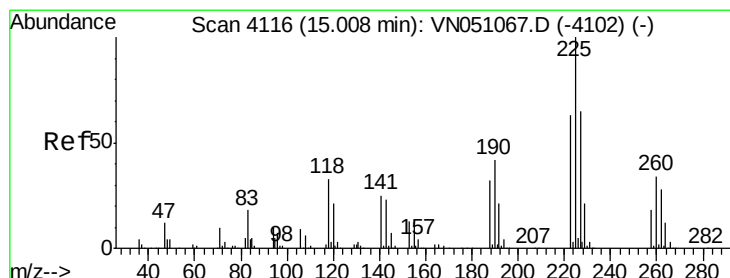
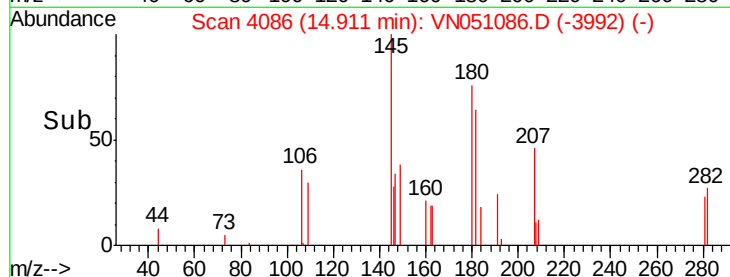
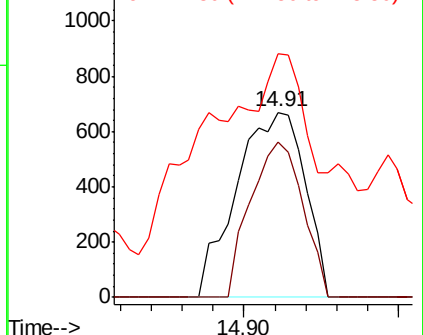
145 238.1 14.2 42.6#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.01 min Scan# 4118

Delta R.T. 0.01 min

Lab File: VN051086.D

Acq: 10 Sep 2018 18:37

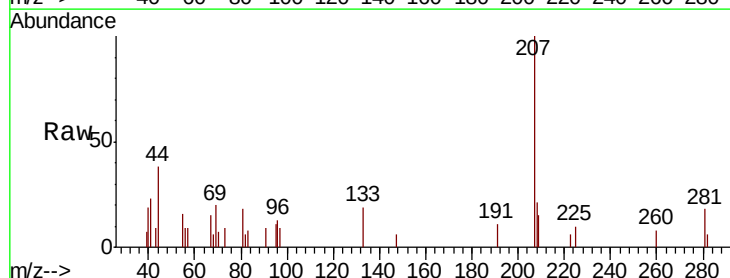
Tgt Ion:225 Resp: 126

Ion Ratio Lower Upper

225 100

223 23.0 31.4 94.0#

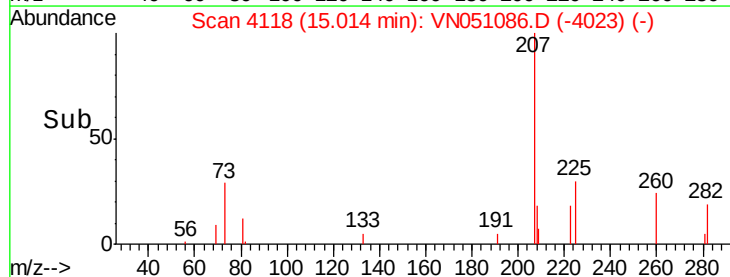
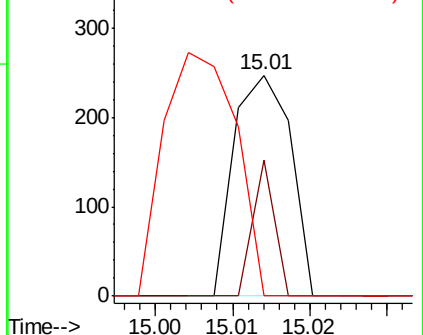
227 139.7 32.1 96.3#

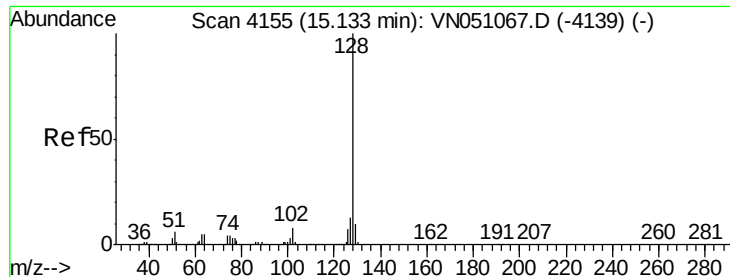


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 5.47 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. -0.00 min

Lab File: VN051086.D

Acq: 10 Sep 2018 18:37

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-H(10-15)ME

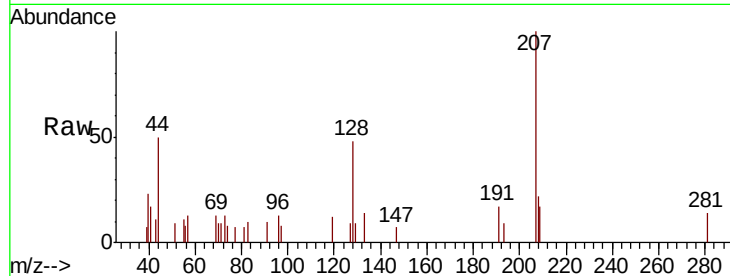
Tot Ion:128 Resp: 2150

Ion Ratio Lower Upper

128 100

127 10.3 10.6 15.8#

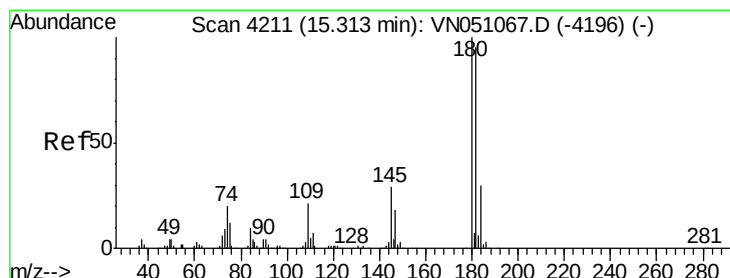
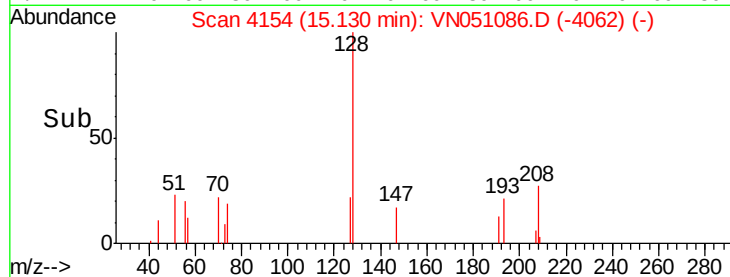
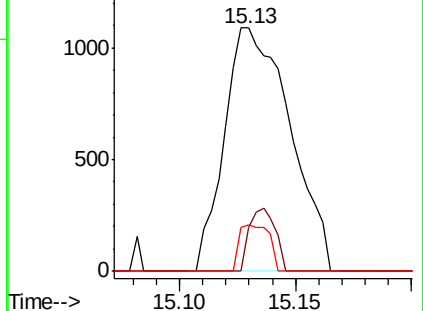
129 8.7 8.6 12.8



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: 3.05 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN051086.D

Acq: 10 Sep 2018 18:37

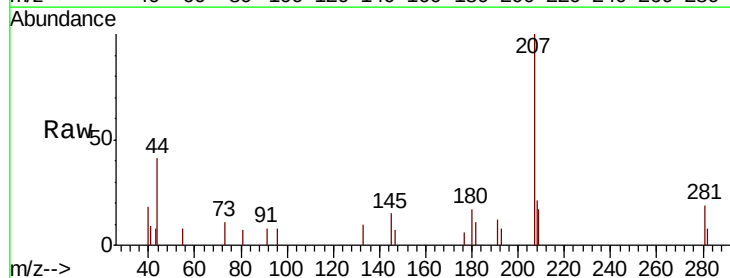
Tgt Ion:180 Resp: 757

Ion Ratio Lower Upper

180 100

182 67.1 47.8 143.3

145 83.8 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

