

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091118\
 Data File : VN051129.D
 Acq On : 11 Sep 2018 16:01
 Operator : MD\SY
 Sample : J4849-09DL 4X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-GDL

Quant Time: Sep 12 01:06:09 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	7.67	168	684912	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1046774	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	918566	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	382541	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	398349	52.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.52%	
35) Dibromofluoromethane	7.59	113	385644	49.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.06%	
50) Toluene-d8	10.09	98	1446208	48.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.90%	
62) 4-Bromofluorobenzene	12.40	95	461832	46.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.56%	

Target Compounds

						Qvalue
3) Chloromethane	2.06	50	6445	0.22	ug/l	93
5) Bromomethane	2.57	94	2296	Below	Cal	83
10) Methyl Iodide	3.95	142	545	5.70	ug/l #	44
11) Tert butyl alcohol	4.79	59	185	0.32	ug/l #	73
16) Acetone	3.82	43	2971	Below	Cal	94
17) Carbon Disulfide	4.05	76	14303	0.78	ug/l #	93
18) Methyl Acetate	4.34	43	3715	0.61	ug/l #	72
20) Methylene Chloride	4.55	84	1715	0.20	ug/l #	70
25) 2-Butanone	6.83	43	682	0.23	ug/l #	46
27) cis-1,2-Dichloroethene	6.83	96	4107	0.47	ug/l	95
31) Cyclohexane	7.66	56	12094	0.74	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	43030	3.74	ug/l #	48
38) Carbon Tetrachloride	7.67	117	59857	5.29	ug/l #	17
43) Isopropyl Acetate	8.28	43	55898	4.76	ug/l #	50
55) 1,1,2-Trichloroethane	10.53	97	5371	0.70	ug/l #	19
56) Ethyl methacrylate	10.43	69	3047	2.74	ug/l #	14
59) 2-Hexanone	10.72	43	2616	0.59	ug/l #	21
73) Isopropylbenzene	12.25	105	685023	21.35	ug/l	100
74) N-amyl acetate	12.05	43	4126	0.51	ug/l #	58
75) 1,1,2,2-Tetrachloroethane	12.47	83	2389	Below	Cal #	26
76) 1,2,3-Trichloropropane	12.59	75	7891	Below	Cal #	100
78) n-propylbenzene	12.59	91	1533941	43.50	ug/l	98
79) 2-Chlorotoluene	12.59	91	1533941	69.60	ug/l #	39
80) 1,3,5-Trimethylbenzene	12.69	105	6757	0.26	ug/l #	28
81) trans-1,4-Dichloro-2-buten	12.25	75	7057	3.50	ug/l #	50
82) 4-Chlorotoluene	12.59	91	1533941	70.11	ug/l #	40
83) tert-Butylbenzene	12.99	119	131802	5.76	ug/l	95
84) 1,2,4-Trimethylbenzene	13.04	105	291581	11.43	ug/l	99
85) sec-Butylbenzene	13.17	105	640155	21.80	ug/l	81
86) p-Isopropyltoluene	13.29	119	241804	9.71	ug/l	99
89) n-Butylbenzene	13.62	91	269894	13.93	ug/l #	74
90) Hexachloroethane	13.89	117	25359	5.04	ug/l #	2
92) 1,2-Dibromo-3-Chloropropan	14.25	75	5392	5.51	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.92	180	225	4.01	ug/l #	1

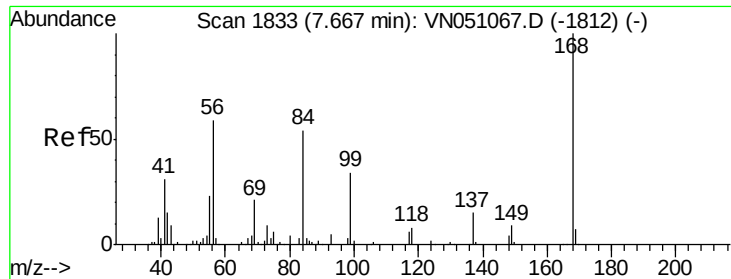
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091118\
Data File : VN051129.D
Acq On : 11 Sep 2018 16:01
Operator : MD\SY
Sample : J4849-09DL 4X
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EP1-MW-GDL

Quant Time: Sep 12 01:06:09 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)
95) Naphthalene	15.13	128	2312	5.48	ug/l #	72
96) 1,2,3-Trichlorobenzene	15.32	180	65	2.96	ug/l #	12

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN051129.D

Acq: 11 Sep 2018 16:01

Instrument :

MSVOA_N

ClientSampleId :

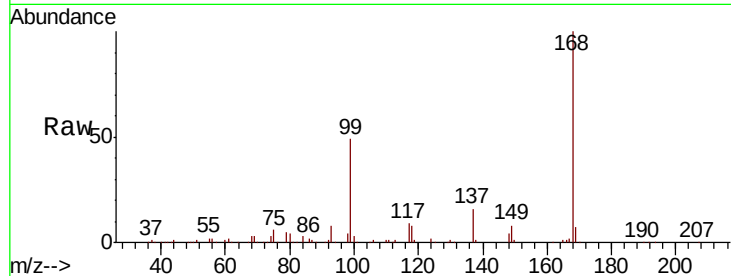
EP1-MW-GDL

Tot Ion:168 Resp: 684912

Ion Ratio Lower Upper

168 100

99 49.2 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): VN051129.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN051129.D (-1740) (-)

7.67

300000

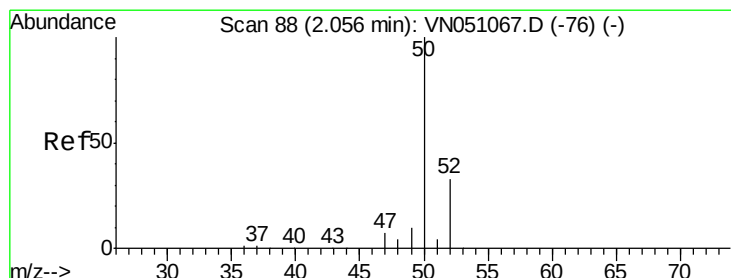
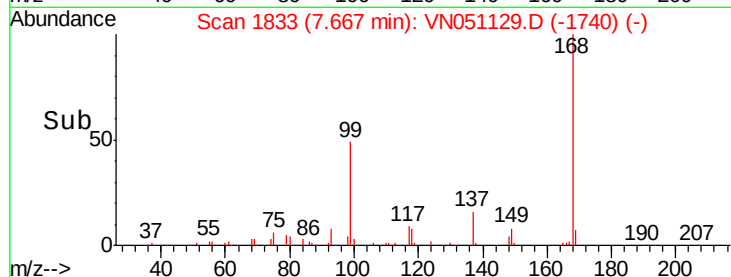
200000

100000

0

7.60 7.70 7.80

Time-->



#3

Chloromethane

Concen: 0.22 ug/l

RT: 2.06 min Scan# 88

Delta R.T. 0.00 min

Lab File: VN051129.D

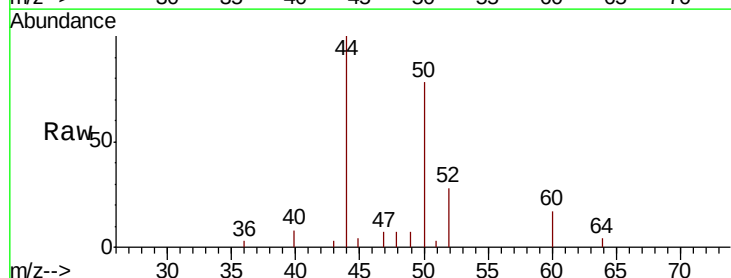
Acq: 11 Sep 2018 16:01

Tgt Ion: 50 Resp: 6445

Ion Ratio Lower Upper

50 100

52 36.4 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VN051129.D (-1) (-)

Ion 51.90 (51.60 to 52.60): VN051129.D (-1) (-)

2.06

5000

4000

3000

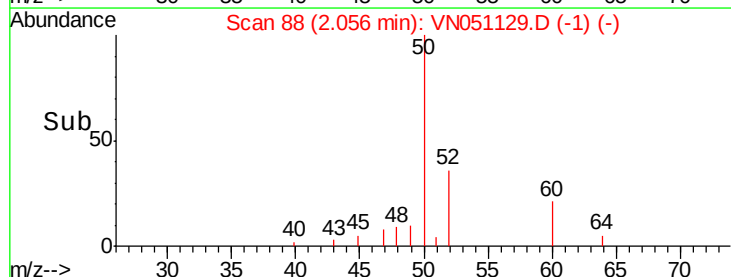
2000

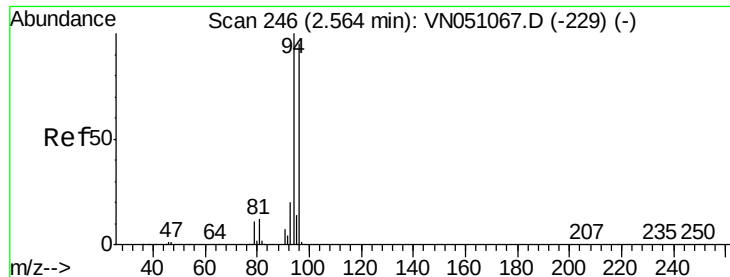
1000

0

2.00 2.05 2.10

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.57 min Scan# 247

Delta R.T. 0.00 min

Lab File: VN051129.D

Acq: 11 Sep 2018 16:01

Instrument :

MSVOA_N

ClientSampled :

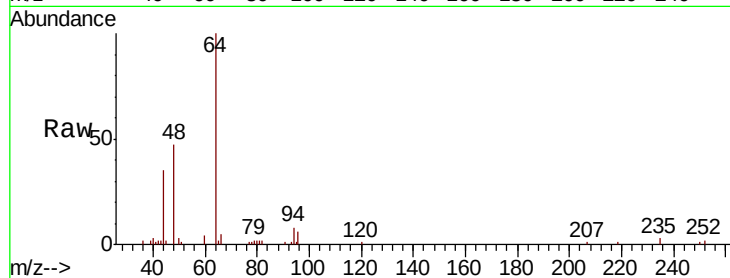
EP1-MW-GDL

Tot Ion: 94 Resp: 2296

Ion Ratio Lower Upper

94 100

96 78.9 75.9 113.9



Abundance Ion 93.90 (93.60 to 94.60): VN051129.D (-153) (-)

Ion 95.90 (95.60 to 96.60): VN051129.D (-153) (-)

2.57

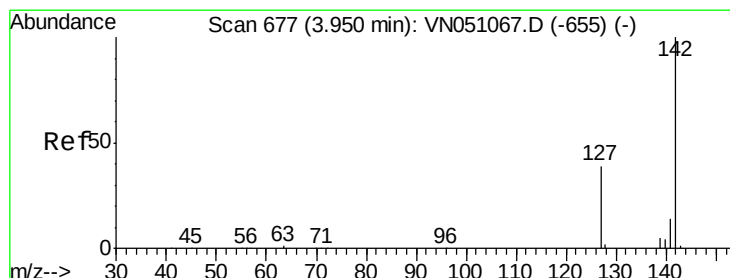
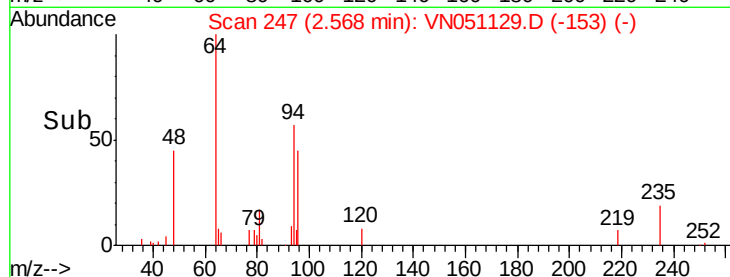
1000

500

0

2.55 2.60

Time-->



#10

Methyl Iodide

Concen: 5.70 ug/l

RT: 3.95 min Scan# 677

Delta R.T. 0.00 min

Lab File: VN051129.D

Acq: 11 Sep 2018 16:01

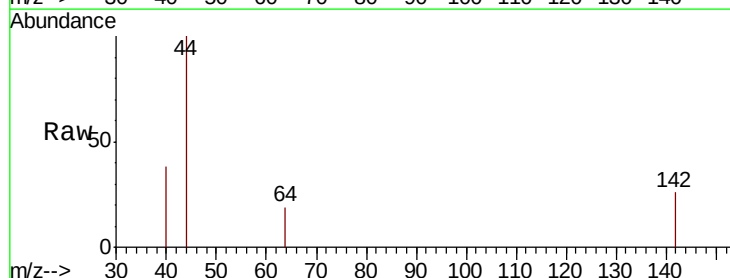
Tgt Ion: 142 Resp: 545

Ion Ratio Lower Upper

142 100

127 0.0 31.0 46.4#

141 0.0 11.3 16.9#



Abundance Ion 141.80 (141.50 to 142.50): VN051129.D (-584) (-)

Ion 126.80 (126.50 to 127.50): VN051129.D (-584) (-)

Ion 140.80 (140.50 to 141.50): VN051129.D (-584) (-)

3.95

300

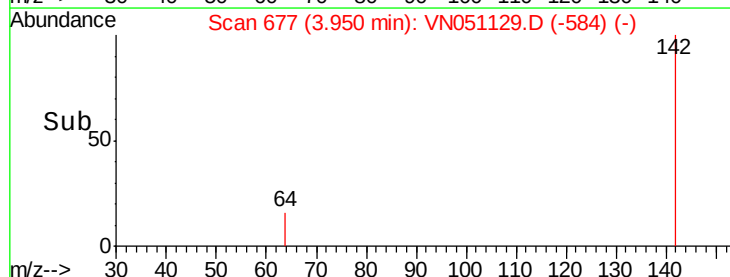
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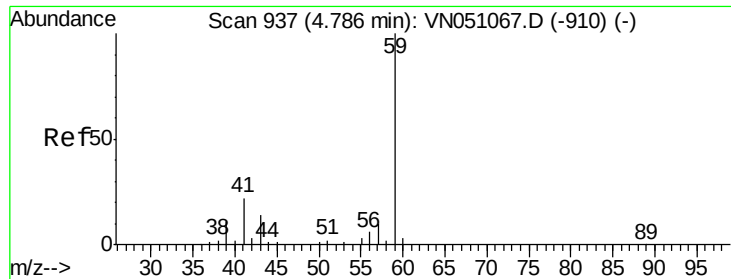
100

0

3.92 3.94 3.96 3.98

Time-->

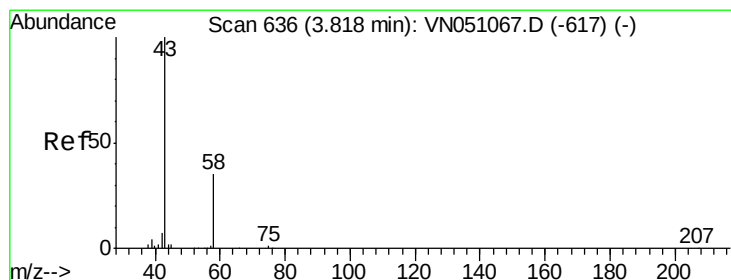
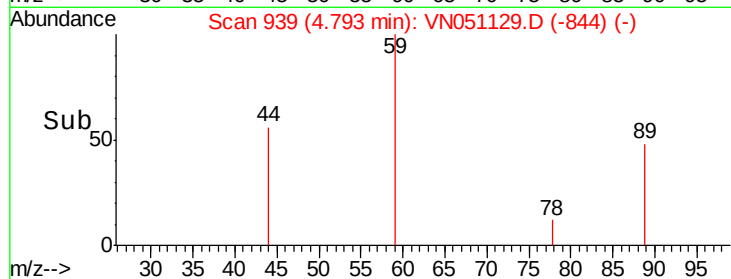
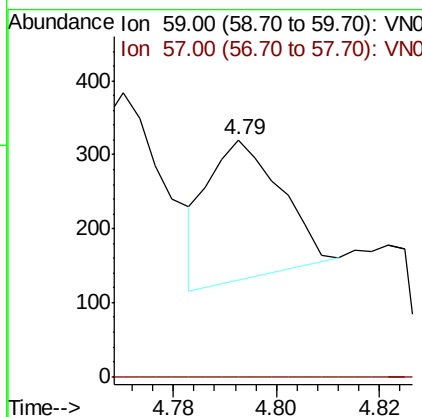
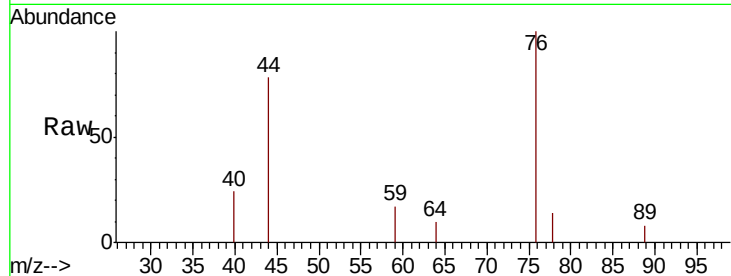




#11
 Tert butyl alcohol
 Concen: 0.32 ug/l
 RT: 4.79 min Scan# 939
 Delta R.T. 0.01 min
 Lab File: VN051129.D
 Acq: 11 Sep 2018 16:01

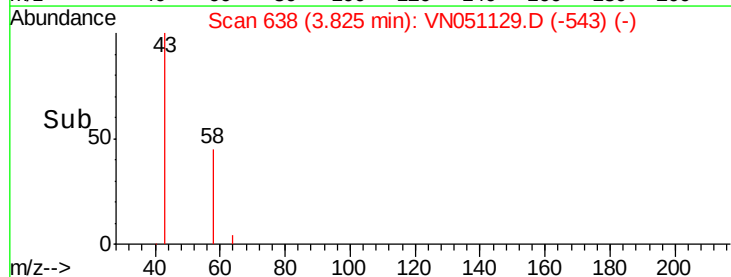
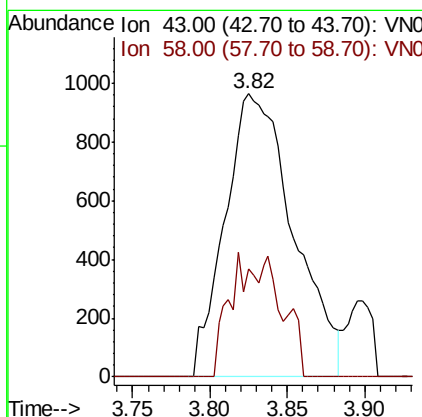
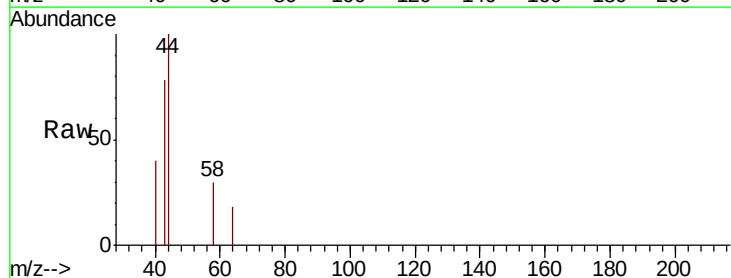
Instrument :
 MSVOA_N
 ClientSampled :
 EP1-MW-GDL

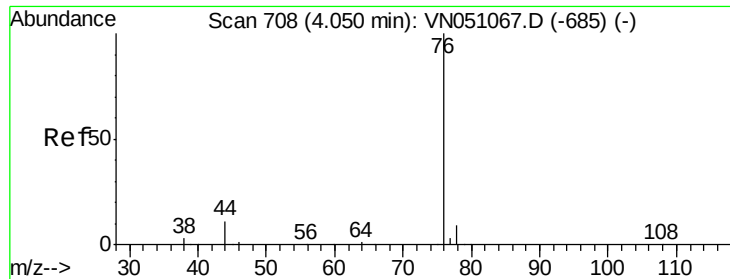
Tot Ion: 59 Resp: 185
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.1 12.1#



#16
 Acetone
 Concen: Below Cal
 RT: 3.82 min Scan# 638
 Delta R.T. 0.01 min
 Lab File: VN051129.D
 Acq: 11 Sep 2018 16:01

Tgt Ion: 43 Resp: 2971
 Ion Ratio Lower Upper
 43 100
 58 38.1 27.8 41.6





#17

Carbon Disulfide

Concen: 0.78 ug/l

RT: 4.05 min Scan# 708

Delta R.T. 0.00 min

Lab File: VN051129.D

Acq: 11 Sep 2018 16:01

Instrument :

MSVOA_N

ClientSampleId :

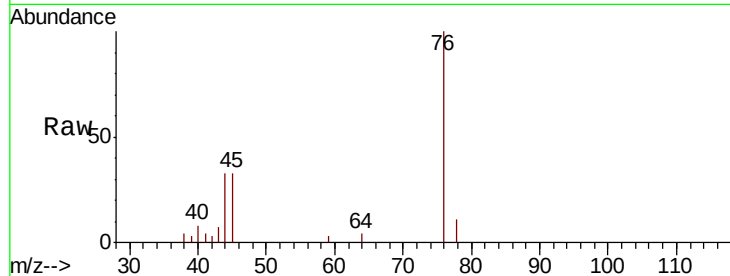
EP1-MW-GDL

Tot Ion: 76 Resp: 14303

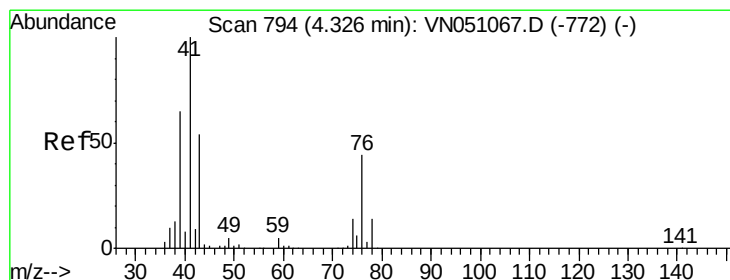
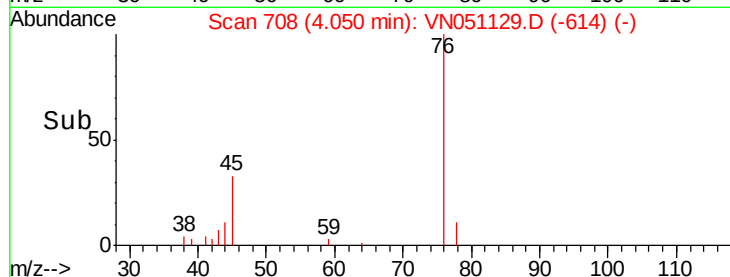
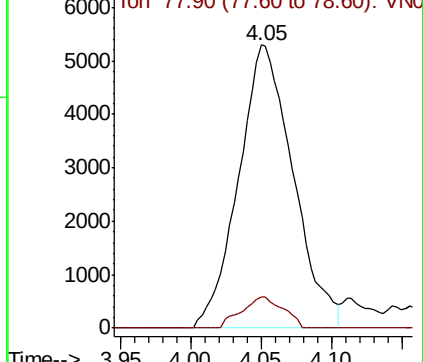
Ion Ratio Lower Upper

76 100

78 11.2 7.0 10.6#



Abundance Ion 75.90 (75.60 to 76.60): VN051129.D (-614) (-)



#18

Methyl Acetate

Concen: 0.61 ug/l

RT: 4.34 min Scan# 798

Delta R.T. 0.01 min

Lab File: VN051129.D

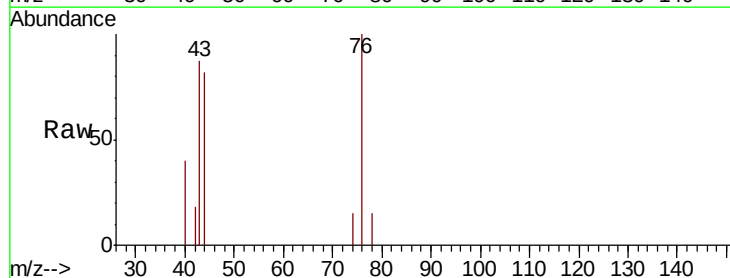
Acq: 11 Sep 2018 16:01

Tgt Ion: 43 Resp: 3715

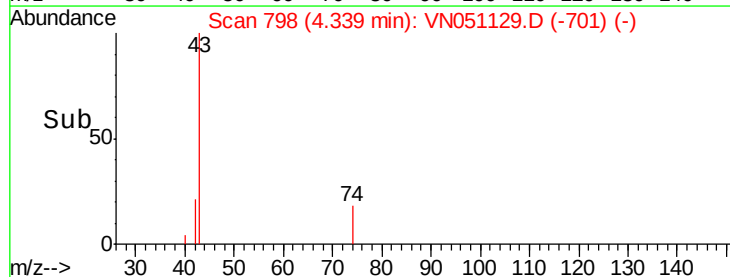
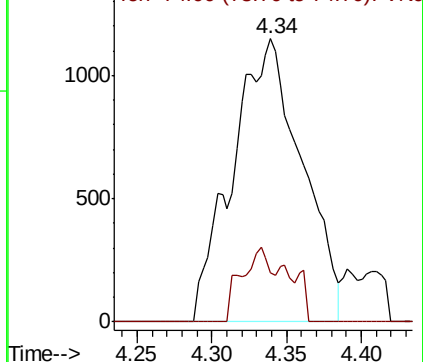
Ion Ratio Lower Upper

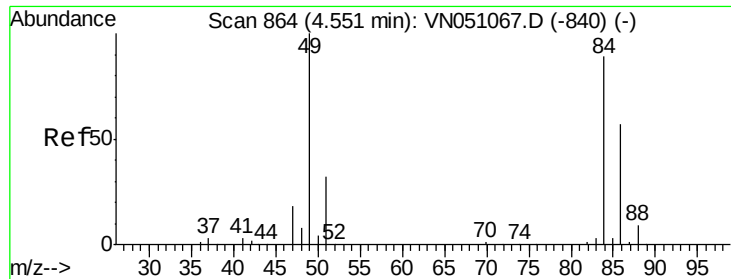
43 100

74 11.5 20.7 31.1#



Abundance Ion 43.00 (42.70 to 43.70): VN051129.D (-701) (-)

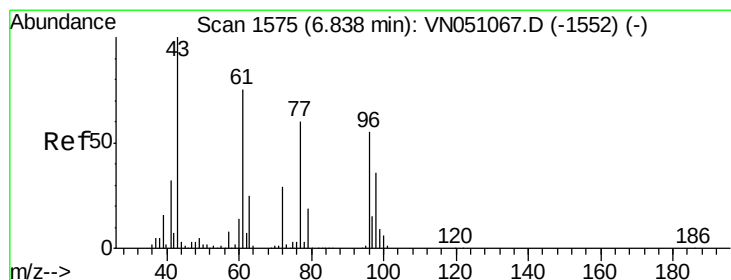
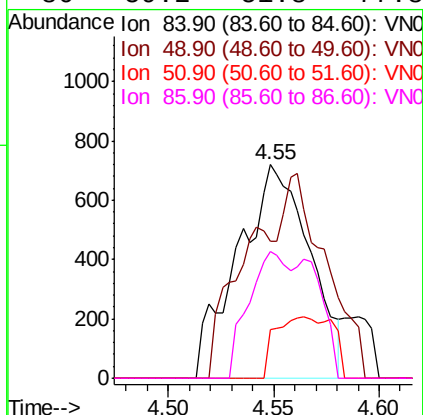
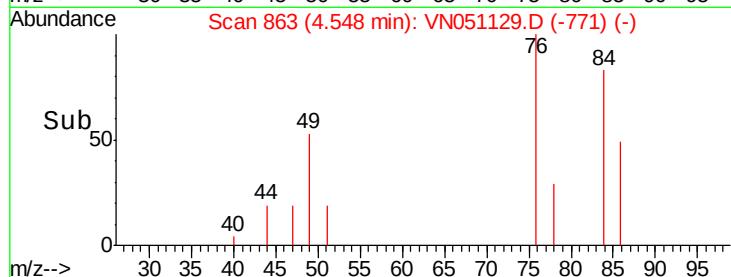
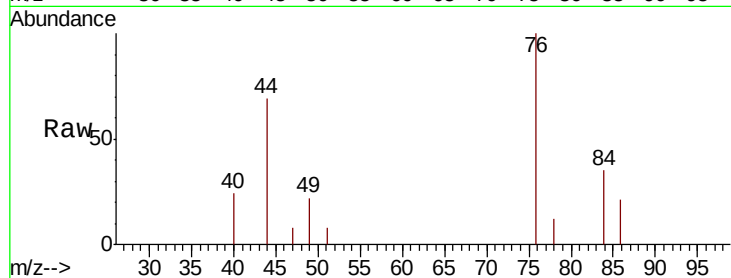




#20
Methvlene Chloride
Concen: 0.20 ug/l
RT: 4.55 min Scan# 863
Delta R.T. -0.00 min
Lab File: VN051129.D
Acq: 11 Sep 2018 16:01

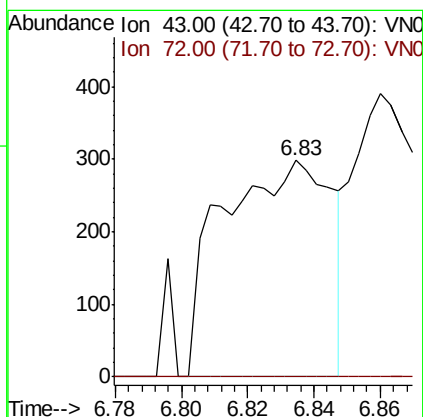
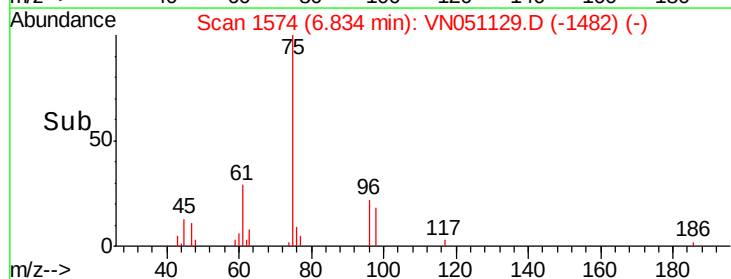
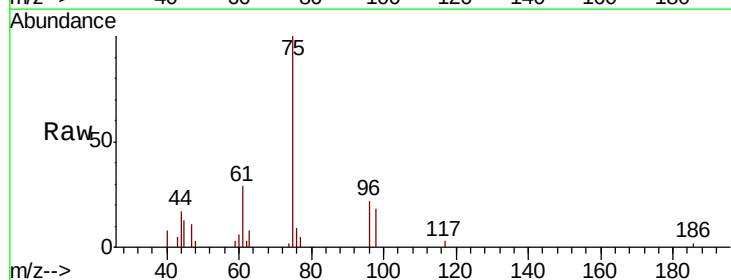
Instrument :
MSVOA_N
ClientSampled :
EP1-MW-GDL

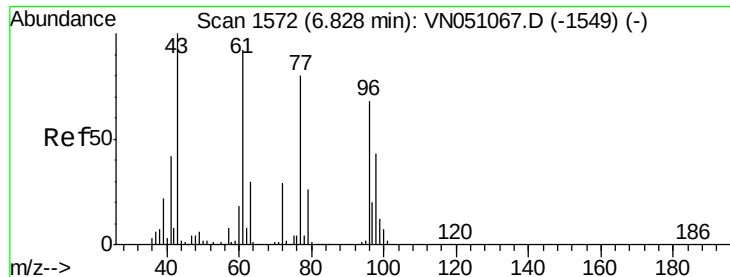
Tot Ion: 84 Resp: 1715
Ion Ratio Lower Upper
84 100
49 64.0 90.2 135.2#
51 22.8 28.4 42.6#
86 59.2 51.8 77.8



#25
2-Butanone
Concen: 0.23 ug/l
RT: 6.83 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VN051129.D
Acq: 11 Sep 2018 16:01

Tgt Ion: 43 Resp: 682
Ion Ratio Lower Upper
43 100
72 0.0 23.0 34.6#





#27

cis-1,2-Dichloroethene

Concen: 0.47 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN051129.D

Acq: 11 Sep 2018 16:01

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-GDL

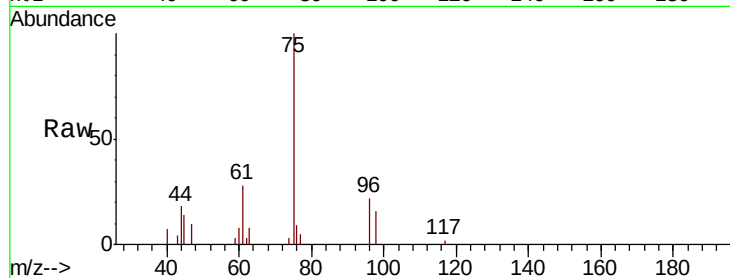
Tot Ion: 96 Resp: 4107

Ion Ratio Lower Upper

96 100

61 132.1 0.0 278.2

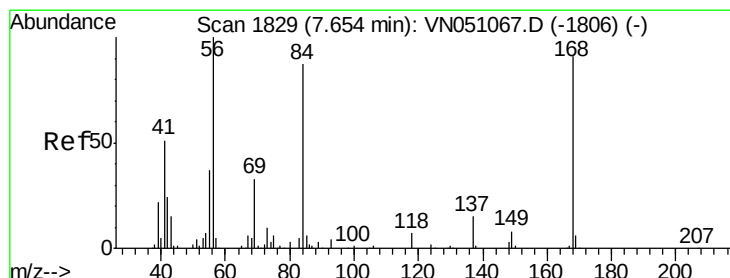
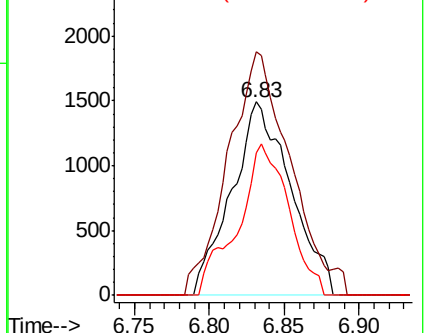
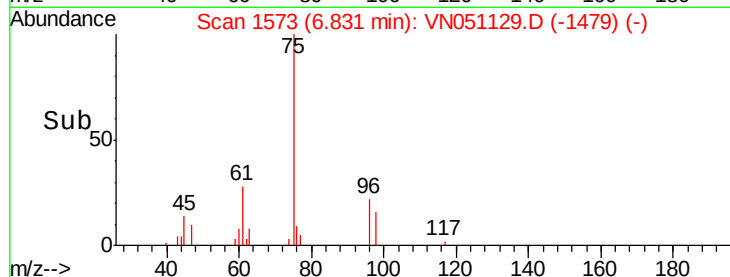
98 67.1 0.0 129.4



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#31

Cyclohexane

Concen: 0.74 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN051129.D

Acq: 11 Sep 2018 16:01

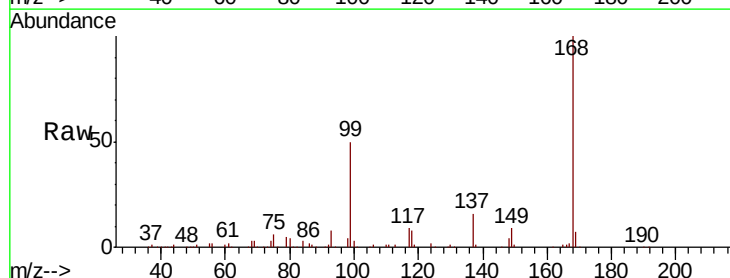
Tgt Ion: 56 Resp: 12094

Ion Ratio Lower Upper

56 100

69 177.3 26.3 39.5#

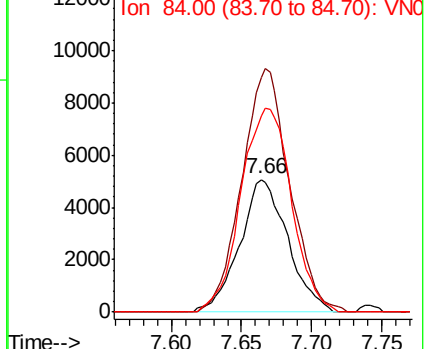
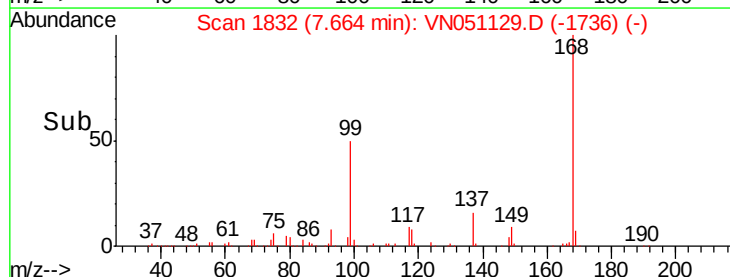
84 147.8 69.4 104.0#

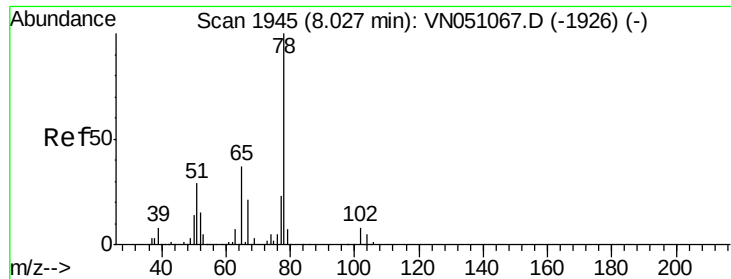


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0

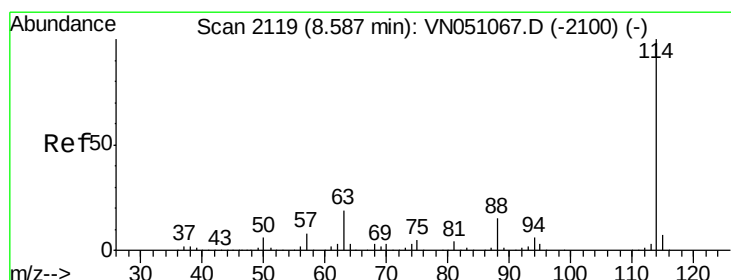
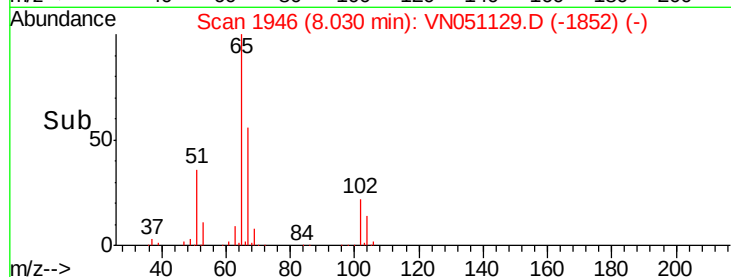
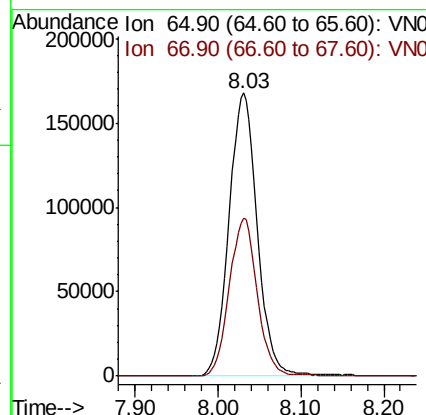
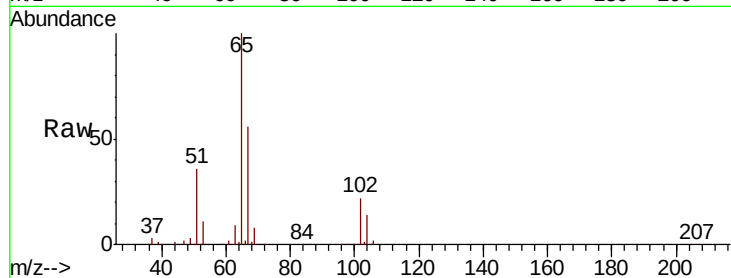




#33
 1,2-Dichloroethane-d4
 Concen: 52.26 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN051129.D
 Acq: 11 Sep 2018 16:01

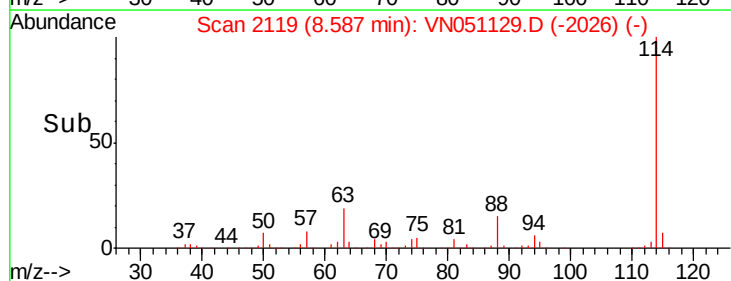
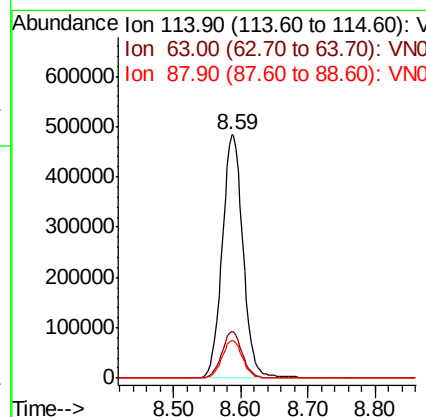
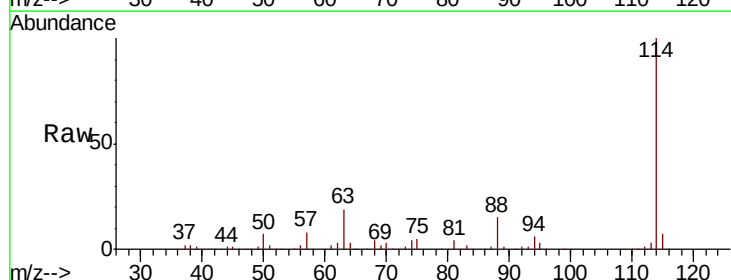
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-GDL

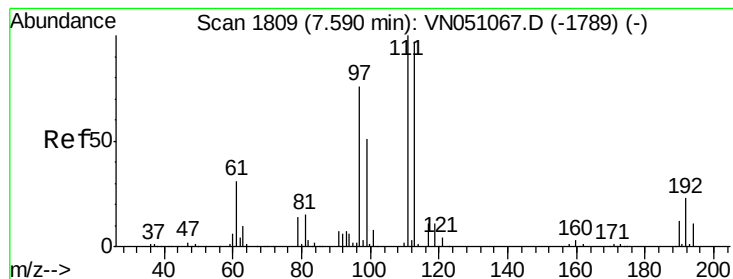
Tot Ion: 65 Resp: 398349
 Ion Ratio Lower Upper
 65 100
 67 55.3 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN051129.D
 Acq: 11 Sep 2018 16:01

Tgt Ion: 114 Resp: 1046774
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 37.8
 88 15.5 0.0 30.8





#35

Dibromofluoromethane

Concen: 49.03 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN051129.D

Acq: 11 Sep 2018 16:01

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-GDL

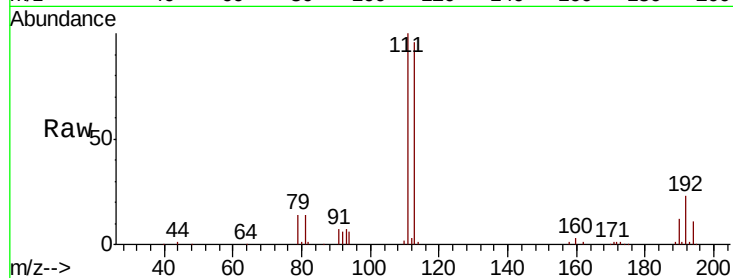
Tot Ion:113 Resp: 385644

Ion Ratio Lower Upper

113 100

111 103.6 83.0 124.6

192 23.0 18.7 28.1

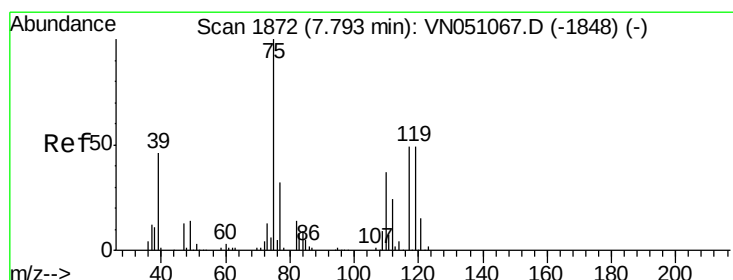
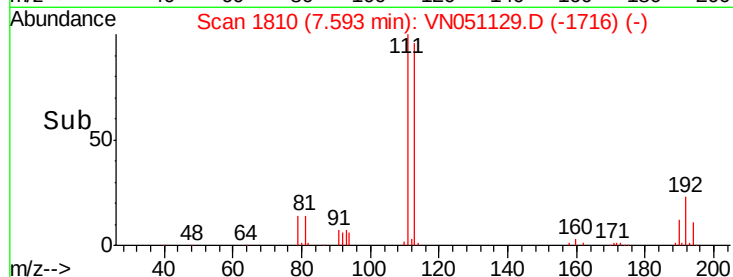
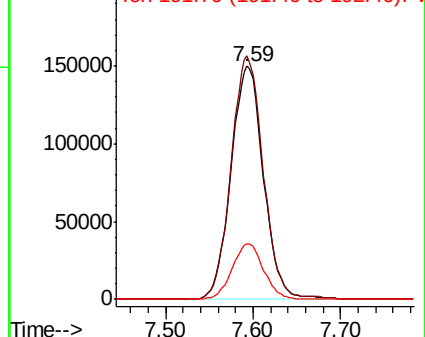


Abundance

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: 3.74 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.13 min

Lab File: VN051129.D

Acq: 11 Sep 2018 16:01

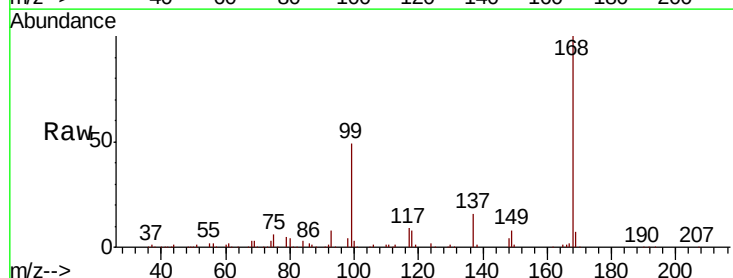
Tgt Ion: 75 Resp: 43030

Ion Ratio Lower Upper

75 100

110 8.8 18.6 55.8#

77 0.0 25.2 37.8#

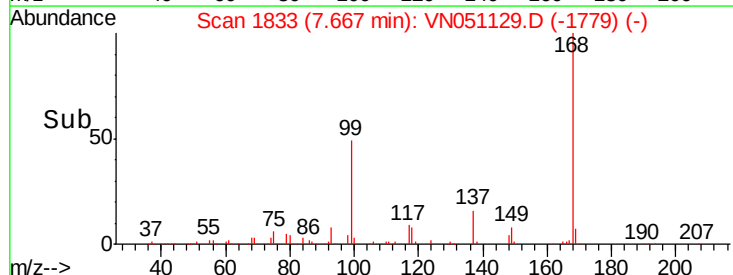
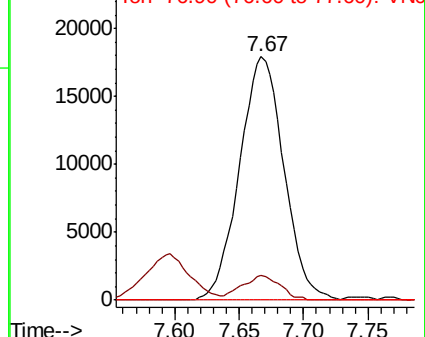


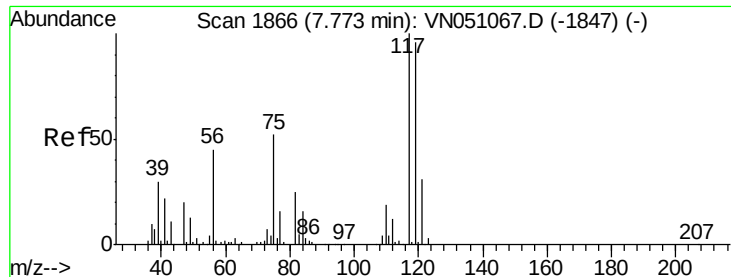
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V





#38

Carbon Tetrachloride

Concen: 5.29 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN051129.D

Acq: 11 Sep 2018 16:01

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-GDL

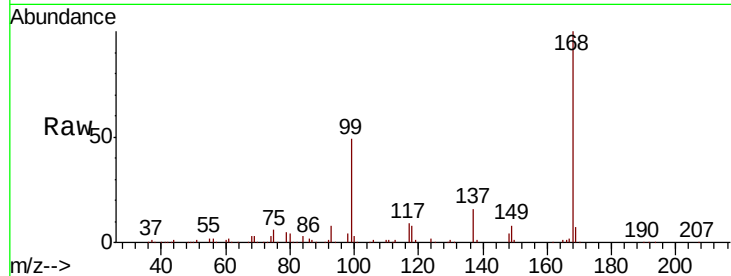
Tot Ion:117 Resp: 59857

Ion Ratio Lower Upper

117 100

119 6.3 76.8 115.2#

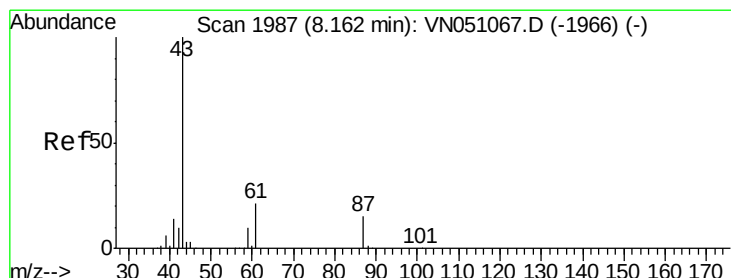
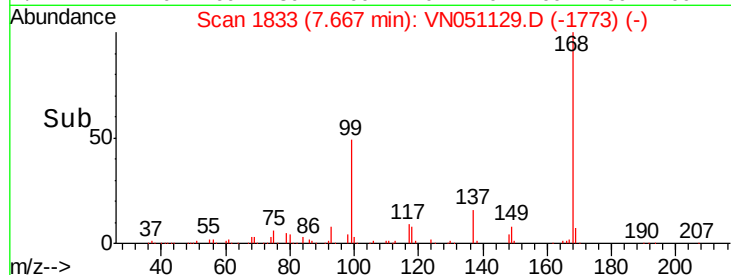
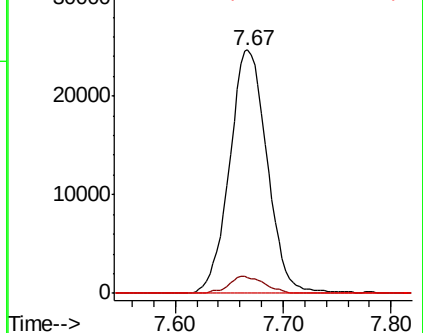
121 0.0 24.6 36.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#43

Isopropyl Acetate

Concen: 4.76 ug/l

RT: 8.28 min Scan# 2023

Delta R.T. 0.12 min

Lab File: VN051129.D

Acq: 11 Sep 2018 16:01

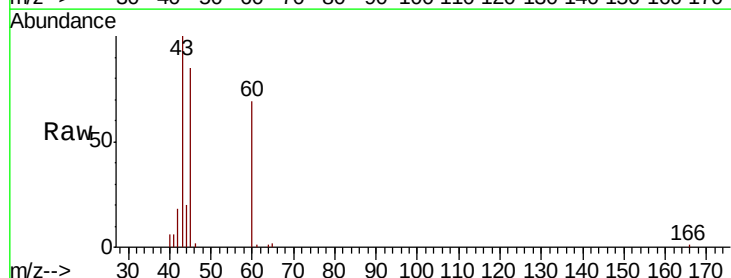
Tgt Ion: 43 Resp: 55898

Ion Ratio Lower Upper

43 100

61 0.0 25.0 37.6#

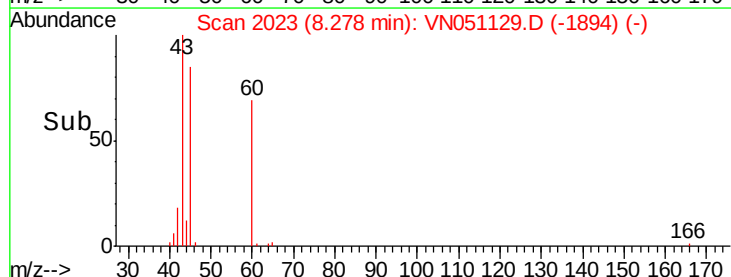
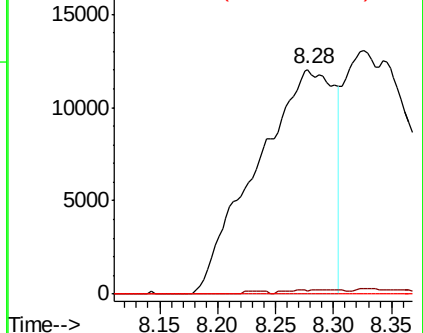
87 0.0 11.8 17.8#

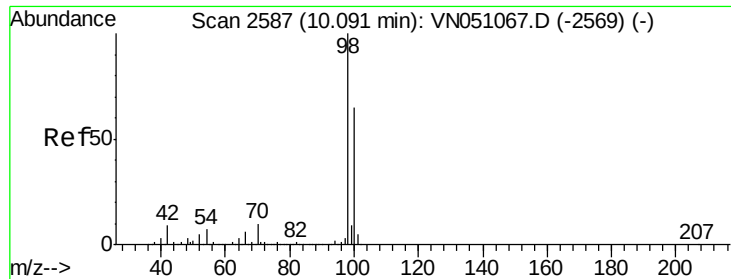


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: 48.45 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051129.D

Acq: 11 Sep 2018 16:01

Instrument :

MSVOA_N

ClientSampleId :

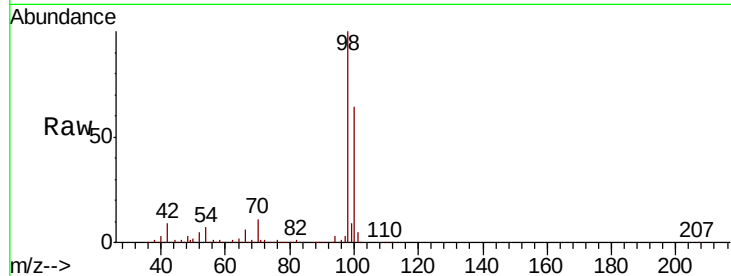
EP1-MW-GDL

Tot Ion: 98 Resp: 1446208

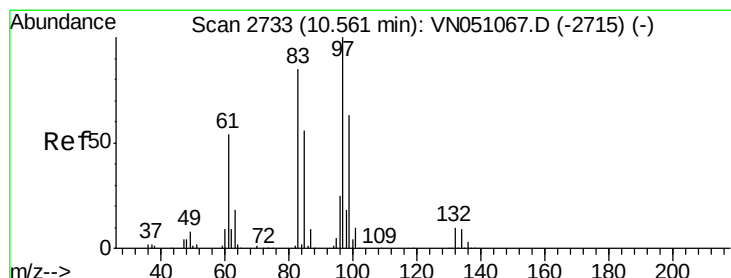
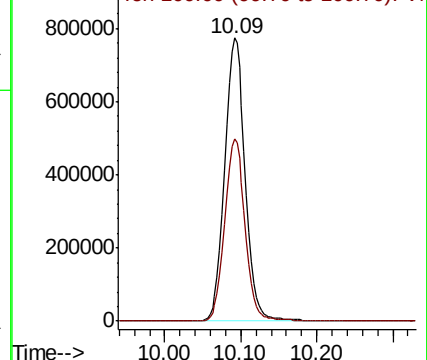
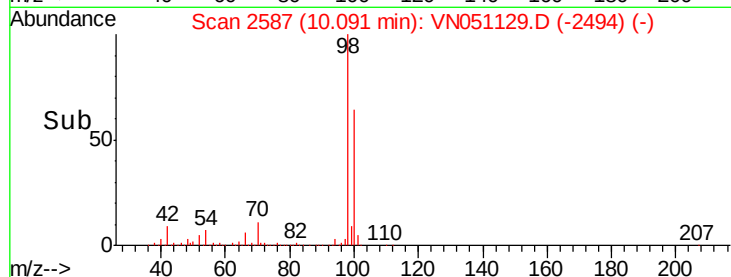
Ion Ratio Lower Upper

98 100

100 64.4 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN051129.D (-2494) (-)



#55

1,1,2-Trichloroethane

Concen: 0.70 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.03 min

Lab File: VN051129.D

Acq: 11 Sep 2018 16:01

Tgt Ion: 97 Resp: 5371

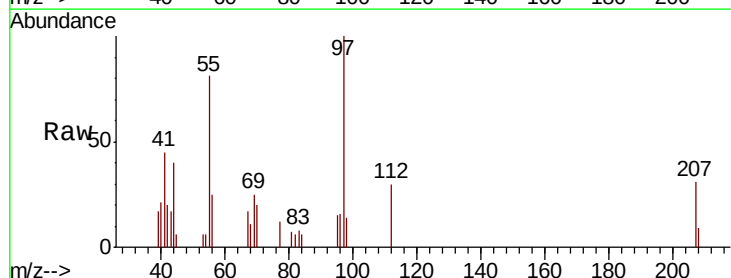
Ion Ratio Lower Upper

97 100

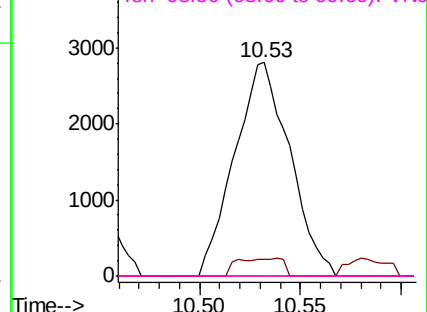
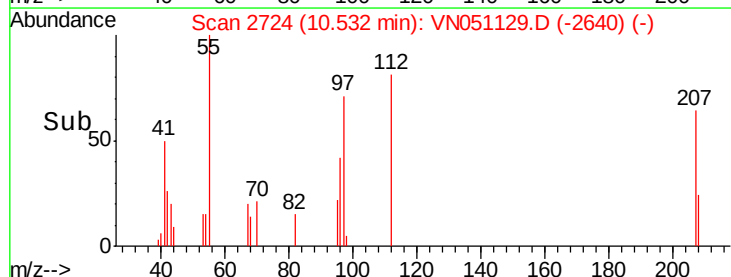
83 7.8 68.2 102.2#

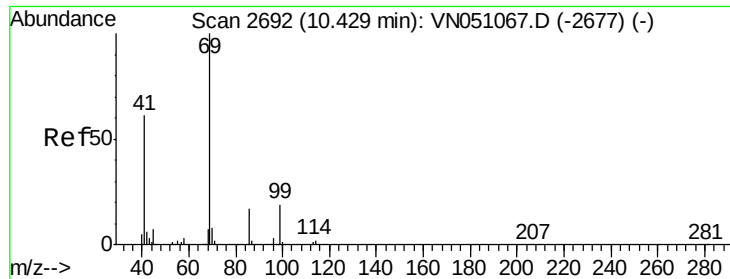
85 0.0 44.8 67.2#

99 0.0 50.2 75.4#



Abundance Ion 96.90 (96.60 to 97.60): VN051129.D (-2640) (-)





#56

Ethyl methacrylate

Concen: 2.74 ug/l

RT: 10.43 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN051129.D

Acq: 11 Sep 2018 16:01

Instrument :

MSVOA_N

ClientSampled :

EP1-MW-GDL

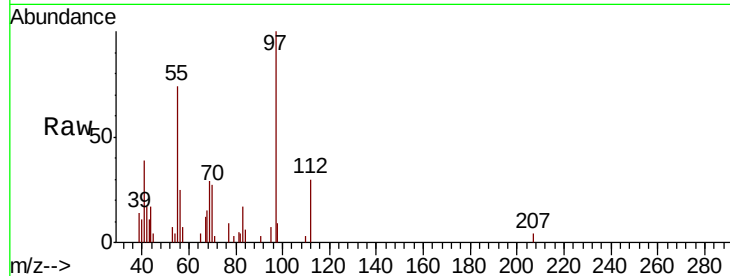
Tot Ion: 69 Resp: 3047

Ion Ratio Lower Upper

69 100

41 137.3 47.8 71.8#

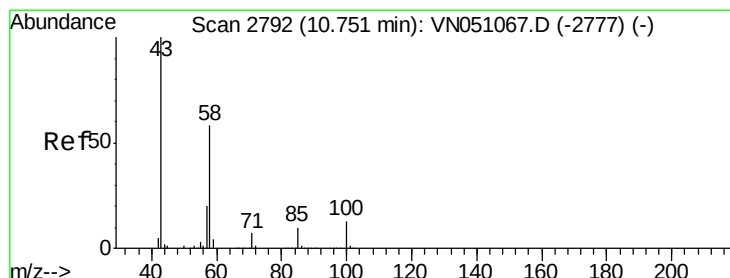
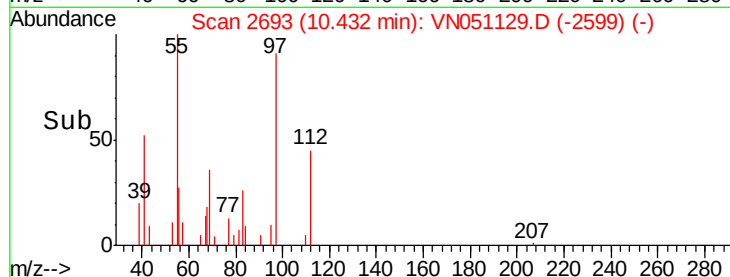
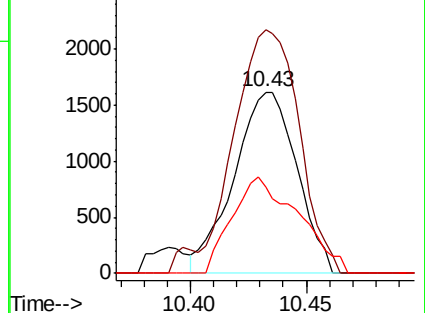
39 56.2 23.0 34.4#



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: 0.59 ug/l

RT: 10.72 min Scan# 2783

Delta R.T. -0.03 min

Lab File: VN051129.D

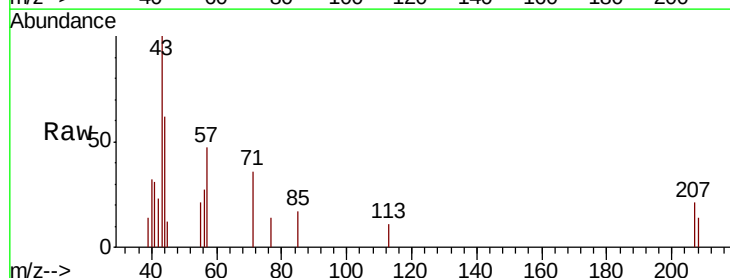
Acq: 11 Sep 2018 16:01

Tgt Ion: 43 Resp: 2616

Ion Ratio Lower Upper

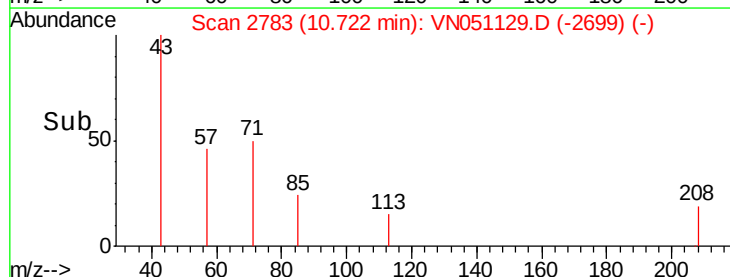
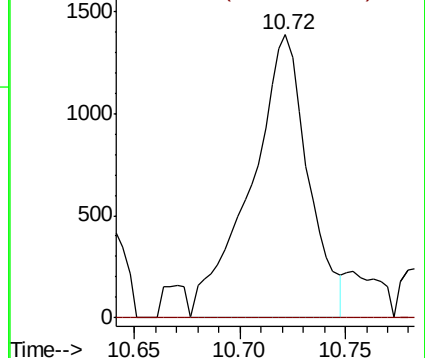
43 100

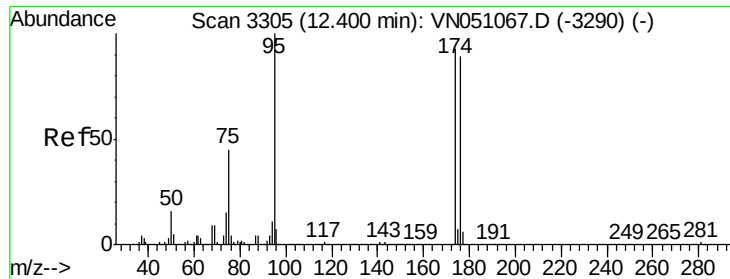
58 0.0 29.3 88.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

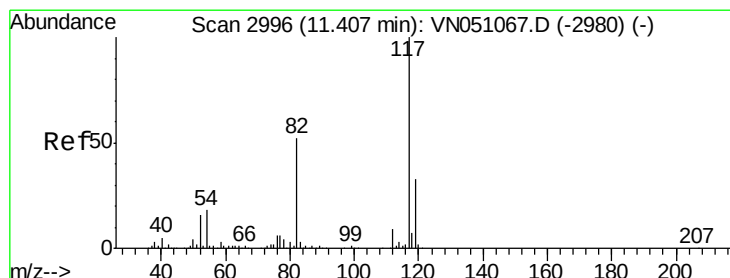
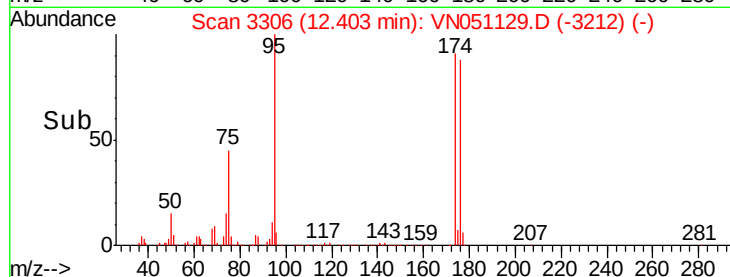
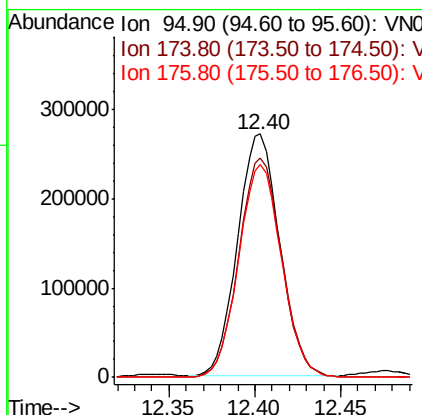
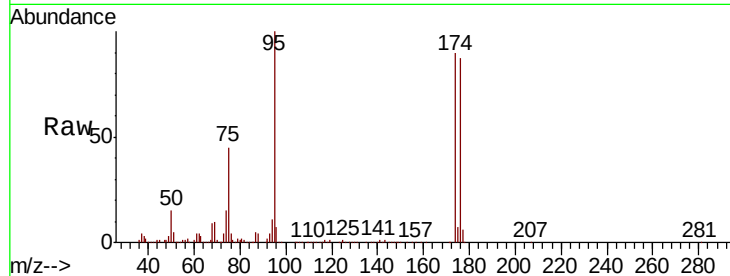




#62
4-Bromofluorobenzene
Concen: 46.78 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051129.D
Acq: 11 Sep 2018 16:01

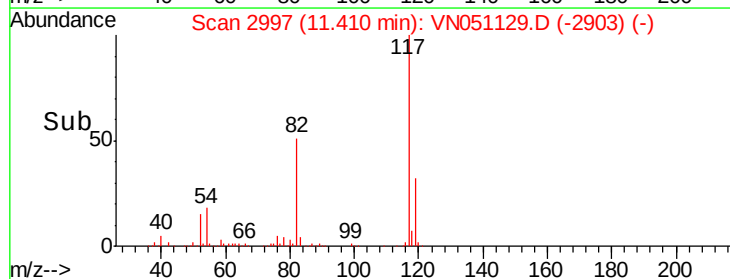
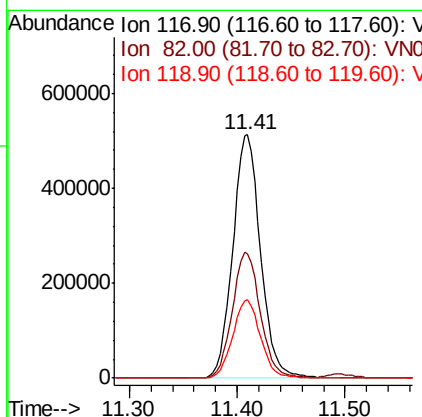
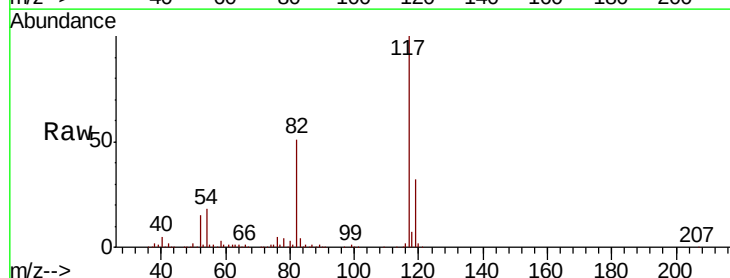
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-GDL

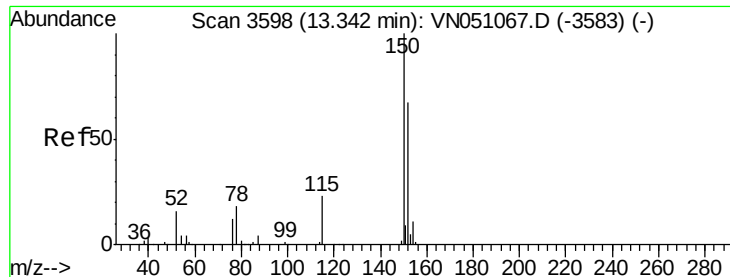
Tot Ion: 95 Resp: 461832
Ion Ratio Lower Upper
95 100
174 92.1 0.0 184.8
176 89.3 0.0 178.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051129.D
Acq: 11 Sep 2018 16:01

Tgt Ion: 117 Resp: 918566
Ion Ratio Lower Upper
117 100
82 51.4 41.8 62.6
119 32.1 26.2 39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051129.D

Acq: 11 Sep 2018 16:01

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-GDL

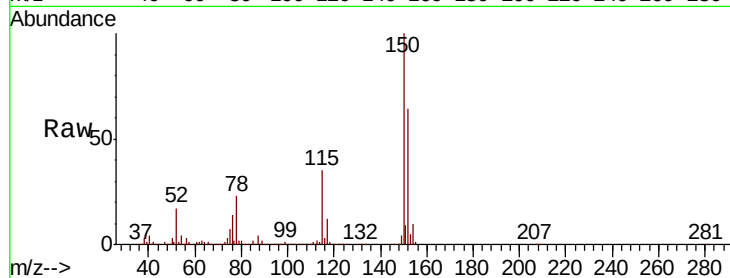
Tot Ion:152 Resp: 382541

Ion Ratio Lower Upper

152 100

115 56.0 28.2 84.7

150 158.3 0.0 349.0

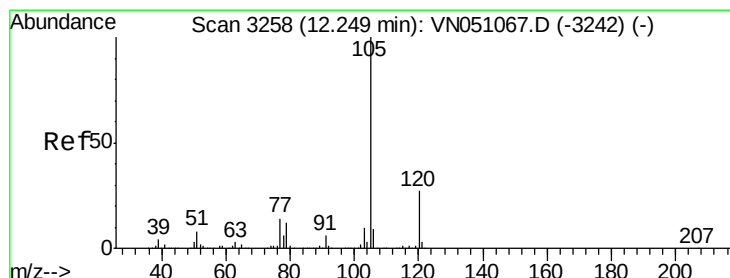
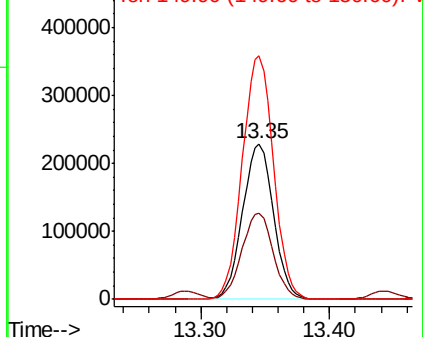
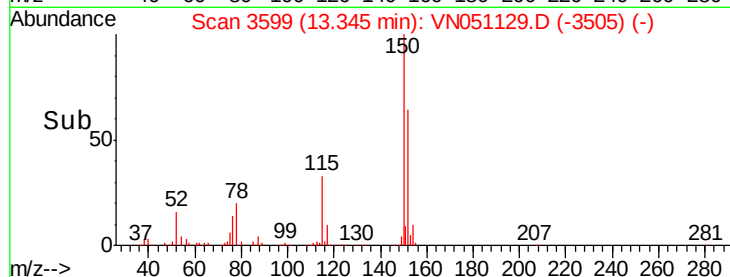


Abundance

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: 21.35 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN051129.D

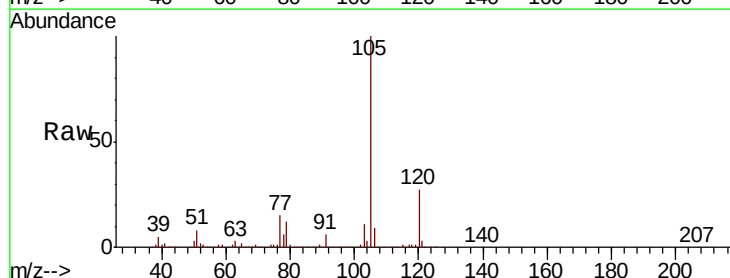
Acq: 11 Sep 2018 16:01

Tgt Ion:105 Resp: 685023

Ion Ratio Lower Upper

105 100

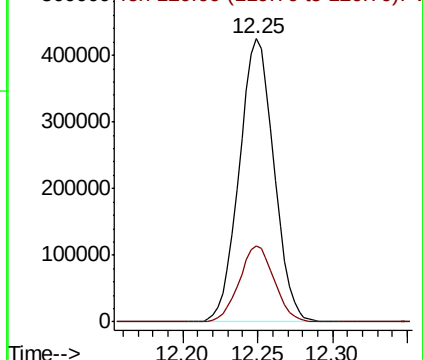
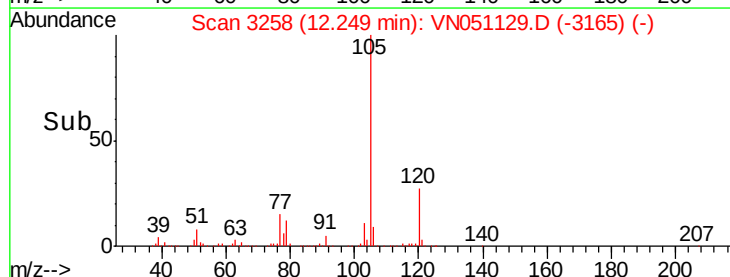
120 27.0 13.6 40.7

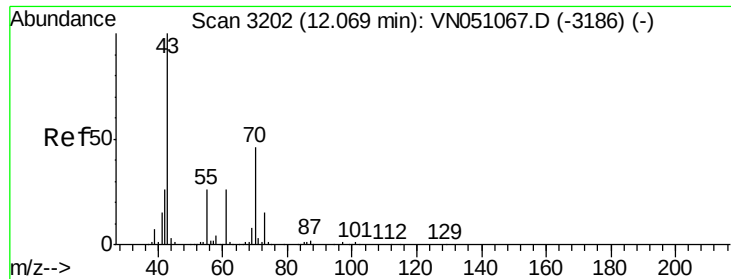


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 0.51 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.02 min

Lab File: VN051129.D

Acq: 11 Sep 2018 16:01

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-GDL

Tot Ion: 43 Resp: 4126

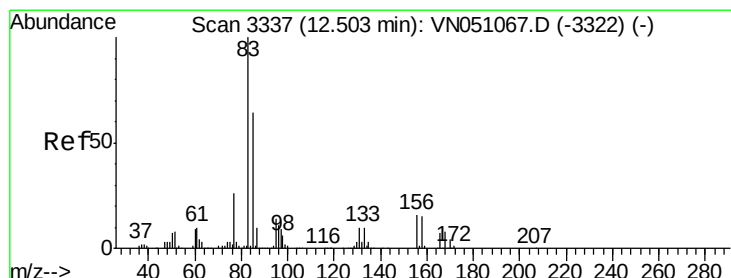
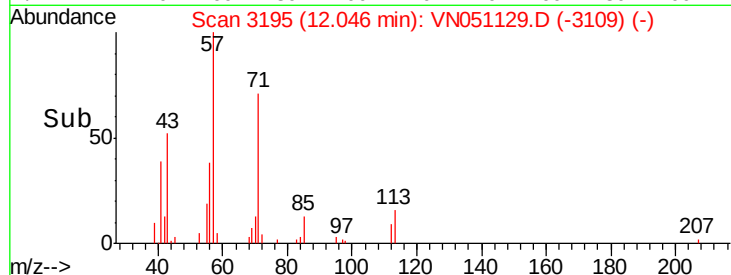
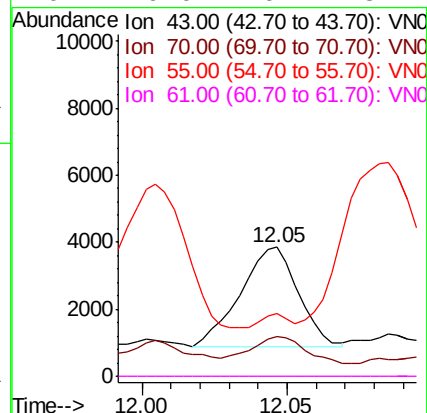
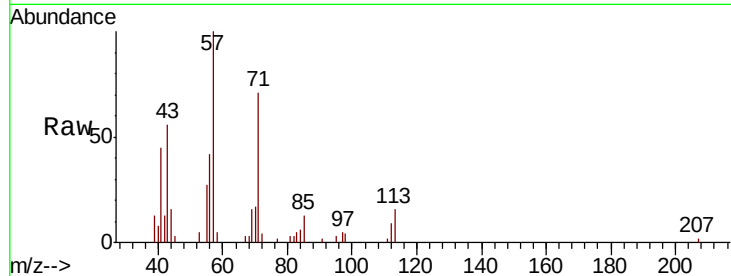
Ion Ratio Lower Upper

43 100

70 25.7 37.0 55.4#

55 0.0 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# 3327

Delta R.T. -0.03 min

Lab File: VN051129.D

Acq: 11 Sep 2018 16:01

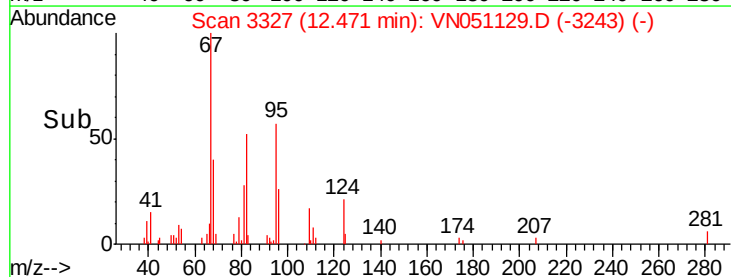
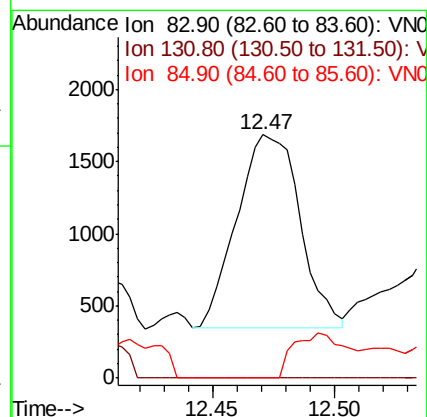
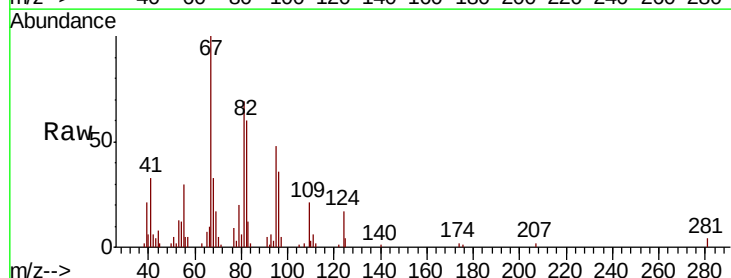
Tgt Ion: 83 Resp: 2389

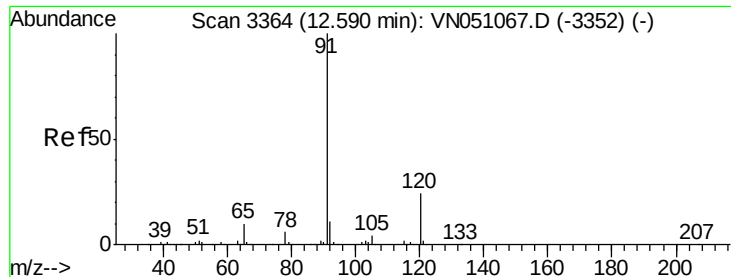
Ion Ratio Lower Upper

83 100

131 0.0 5.3 16.1#

85 0.0 32.3 96.8#





#78

n-propylbenzene

Concen: 43.50 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN051129.D

Acq: 11 Sep 2018 16:01

Instrument :

MSVOA_N

ClientSampleId :

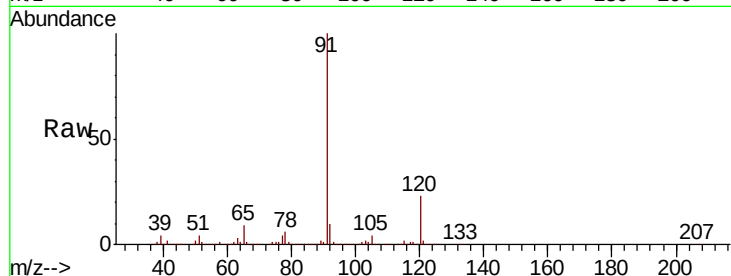
EP1-MW-GDL

Tot Ion: 91 Resp: 1533941

Ion Ratio Lower Upper

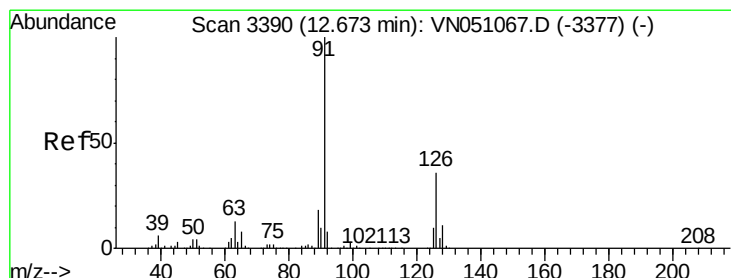
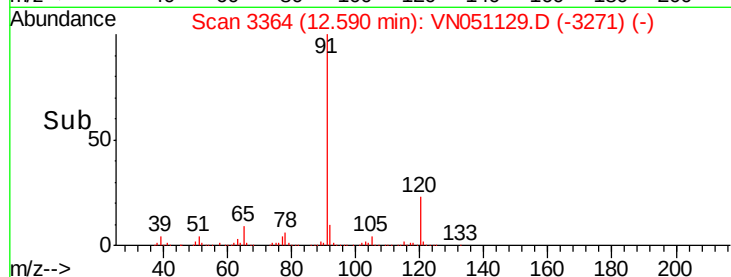
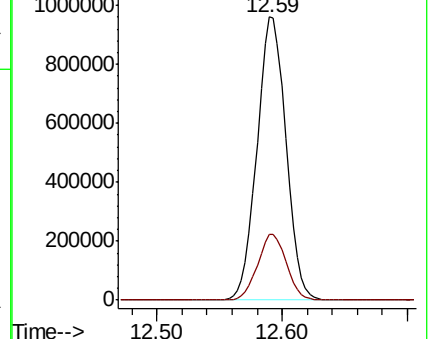
91 100

120 23.1 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 69.60 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.08 min

Lab File: VN051129.D

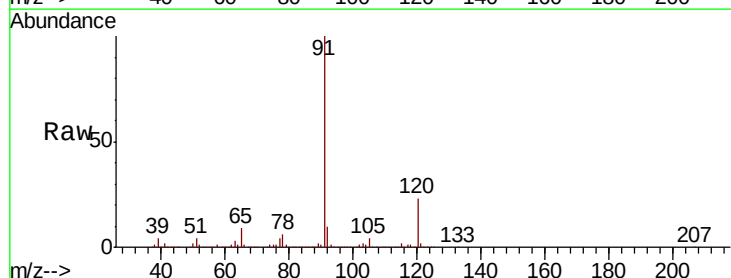
Acq: 11 Sep 2018 16:01

Tgt Ion: 91 Resp: 1533941

Ion Ratio Lower Upper

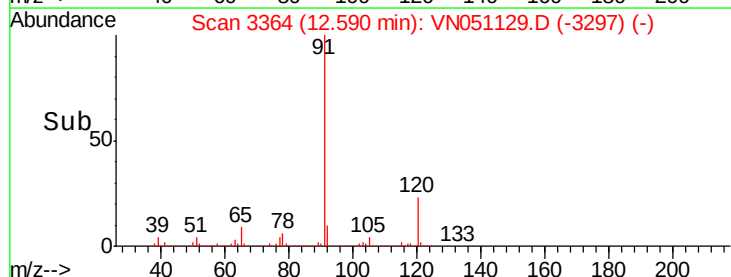
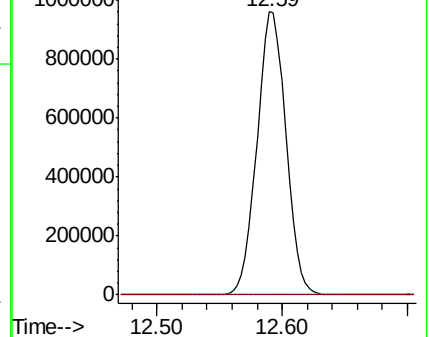
91 100

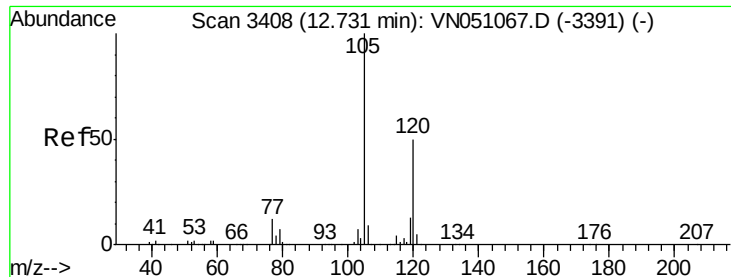
126 0.0 17.9 53.7#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

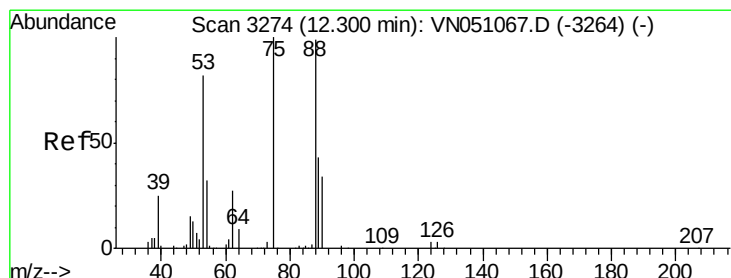
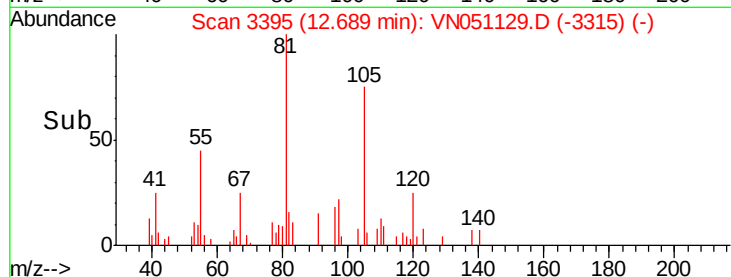
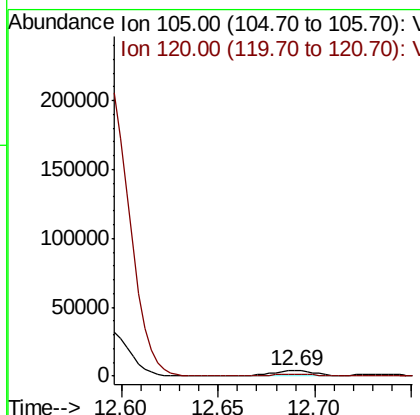
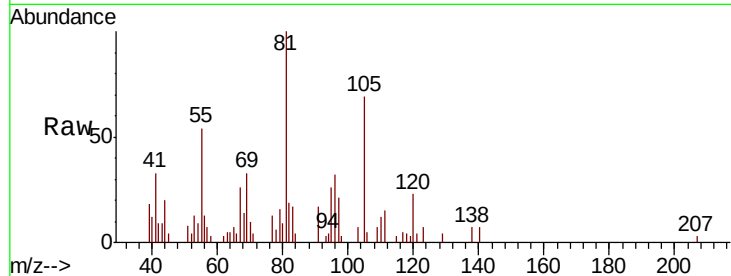




#80
 1,3,5-Trimethylbenzene
 Concen: 0.26 ug/l
 RT: 12.69 min Scan# 3395
 Delta R.T. -0.04 min
 Lab File: VN051129.D
 Acq: 11 Sep 2018 16:01

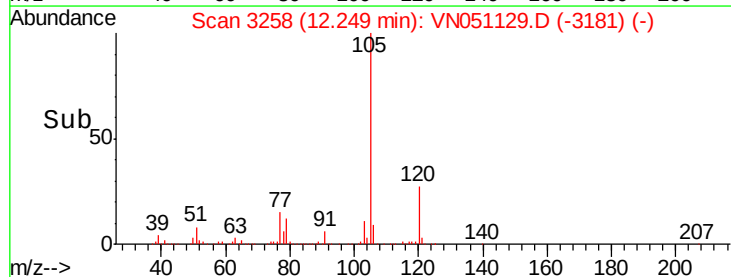
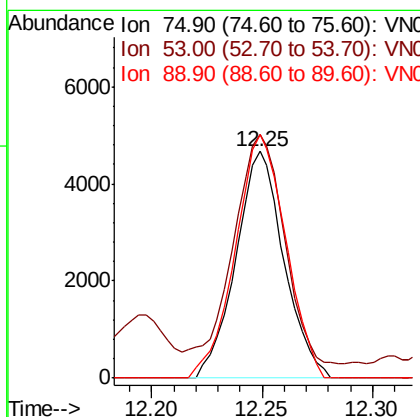
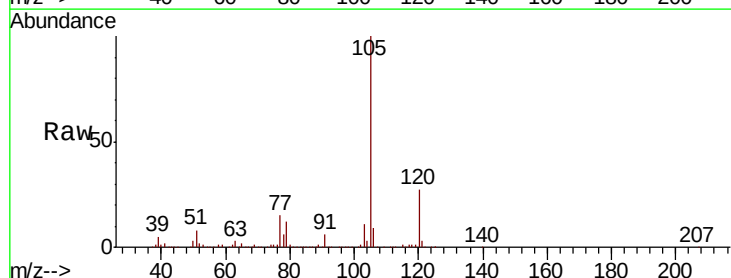
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-GDL

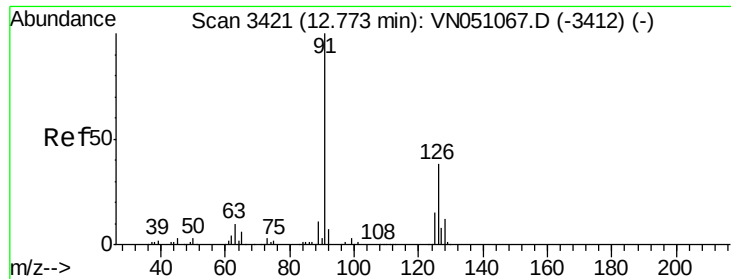
Tot Ion:105 Resp: 6757
 Ion Ratio Lower Upper
 105 100
 120 0.0 24.9 74.6#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 3.50 ug/l
 RT: 12.25 min Scan# 3258
 Delta R.T. -0.05 min
 Lab File: VN051129.D
 Acq: 11 Sep 2018 16:01

Tgt Ion: 75 Resp: 7057
 Ion Ratio Lower Upper
 75 100
 53 105.1 67.8 101.8#
 89 112.8 36.0 54.0#





#82

4-Chlorotoluene

Concen: 70.11 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.18 min

Lab File: VN051129.D

Acq: 11 Sep 2018 16:01

Instrument :

MSVOA_N

ClientSampled :

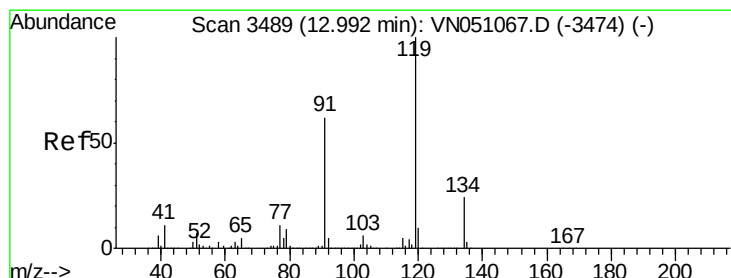
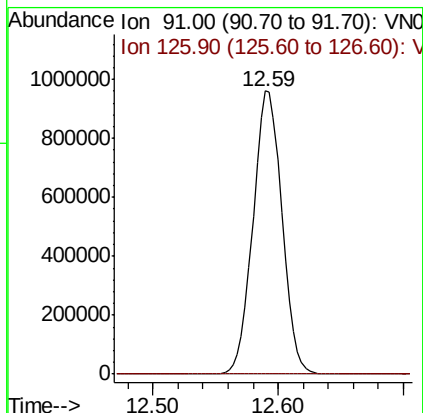
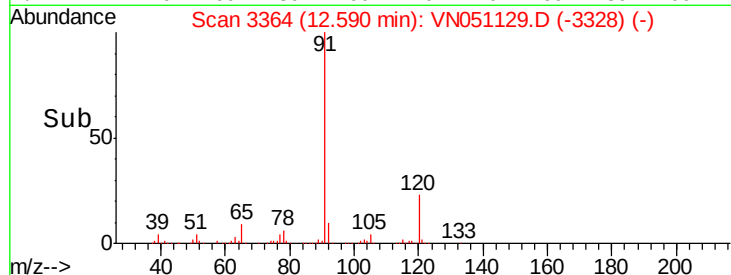
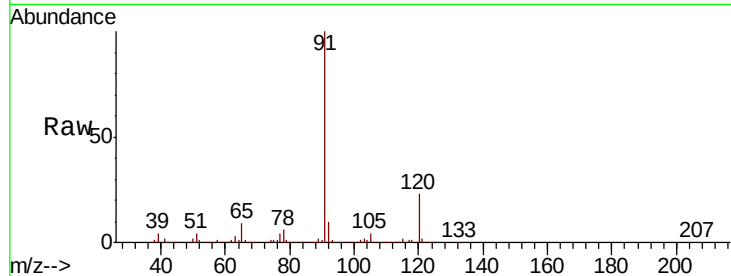
EP1-MW-GDL

Tot Ion: 91 Resp: 1533941

Ion Ratio Lower Upper

91 100

126 0.0 17.6 52.8#



#83

tert-Butylbenzene

Concen: 5.76 ug/l

RT: 12.99 min Scan# 3490

Delta R.T. 0.00 min

Lab File: VN051129.D

Acq: 11 Sep 2018 16:01

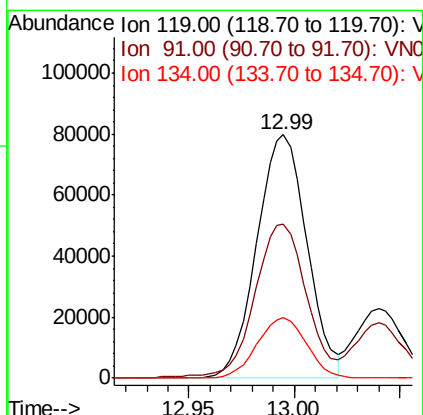
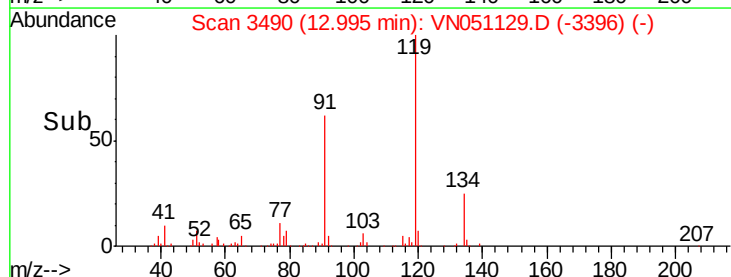
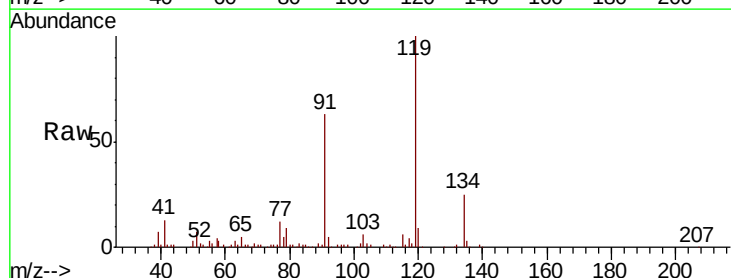
Tgt Ion: 119 Resp: 131802

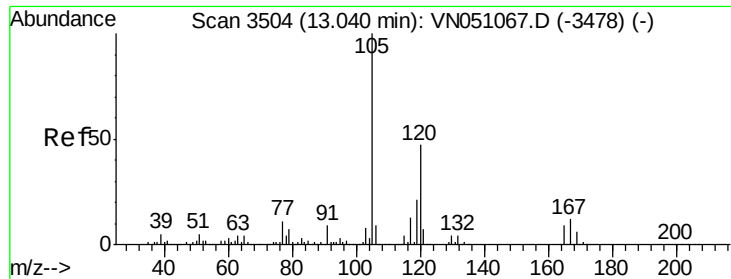
Ion Ratio Lower Upper

119 100

91 65.5 30.8 92.3

134 24.4 13.2 39.6

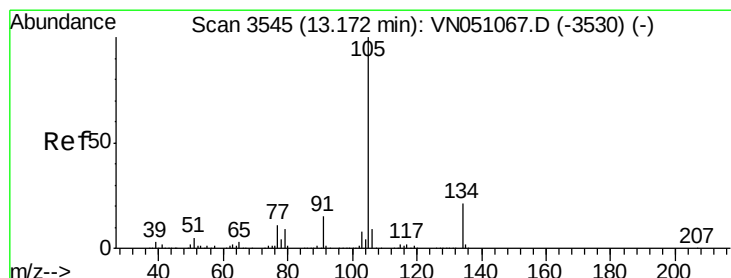
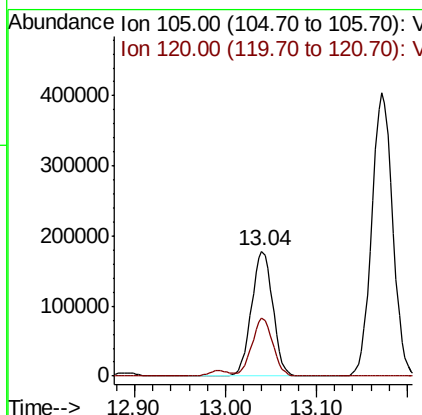
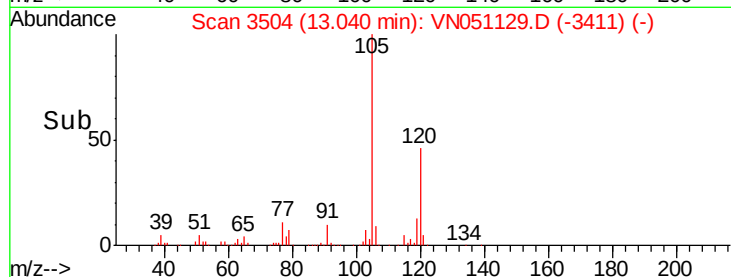
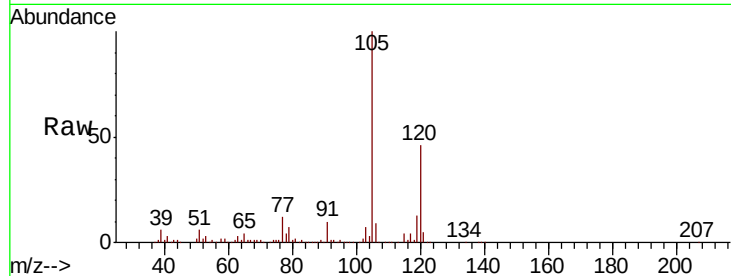




#84
 1,2,4-Trimethylbenzene
 Concen: 11.43 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN051129.D
 Acq: 11 Sep 2018 16:01

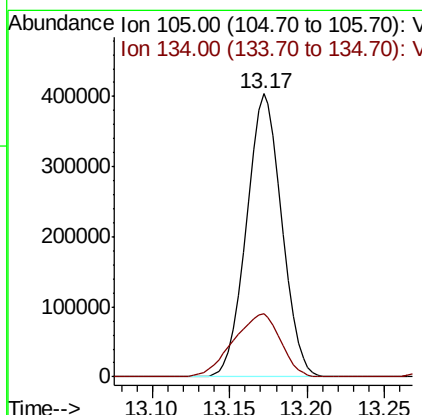
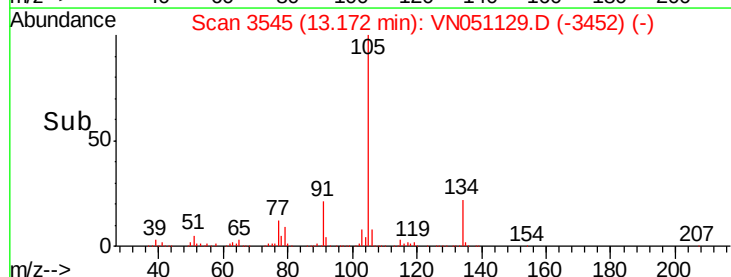
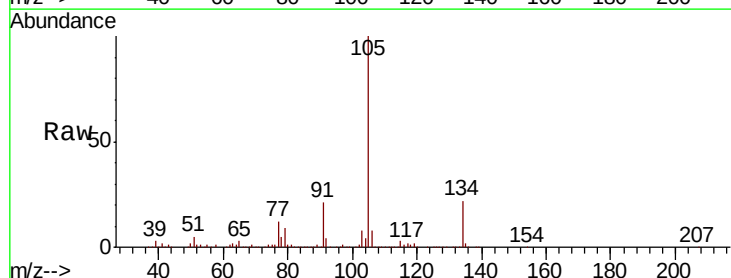
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-GDL

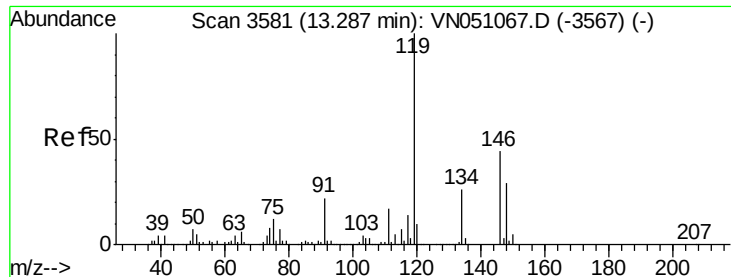
Tot Ion:105 Resp: 291581
 Ion Ratio Lower Upper
 105 100
 120 45.8 23.3 69.8



#85
 sec-Butylbenzene
 Concen: 21.80 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN051129.D
 Acq: 11 Sep 2018 16:01

Tgt Ion:105 Resp: 640155
 Ion Ratio Lower Upper
 105 100
 134 30.0 10.4 31.4

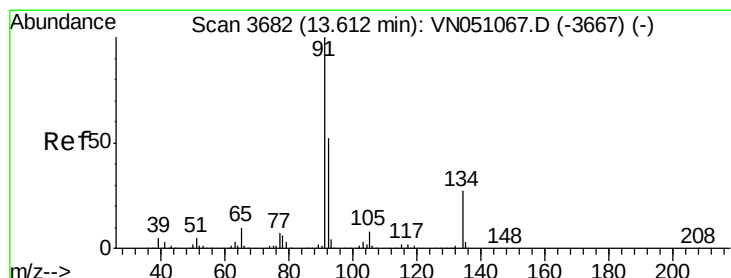
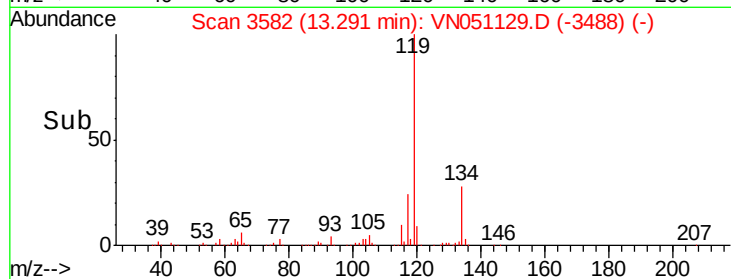
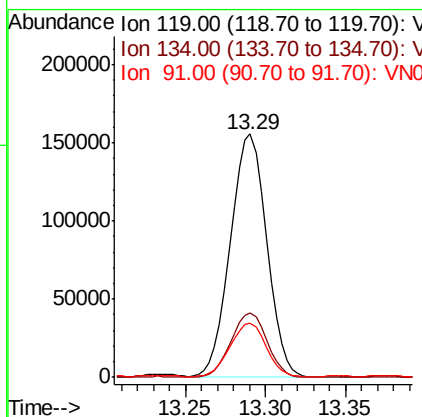
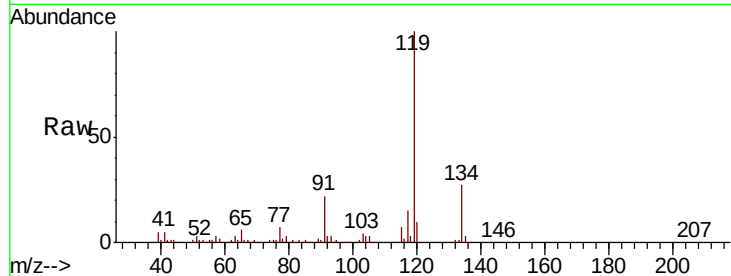




#86
 p-Isopropyltoluene
 Concen: 9.71 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN051129.D
 Acq: 11 Sep 2018 16:01

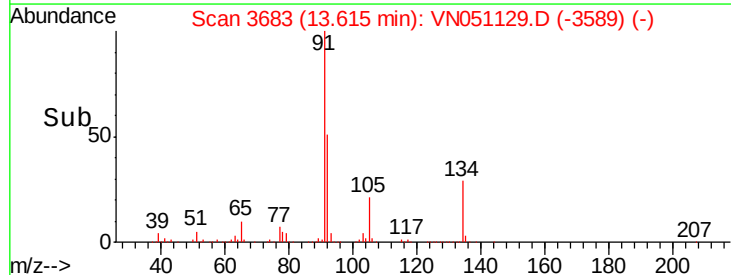
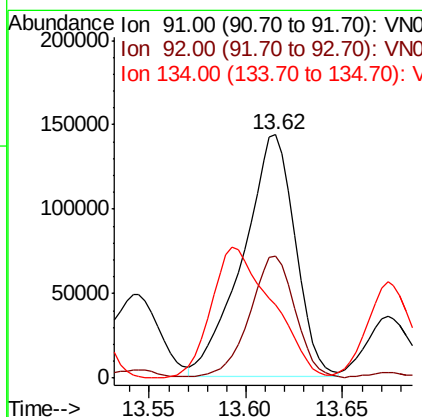
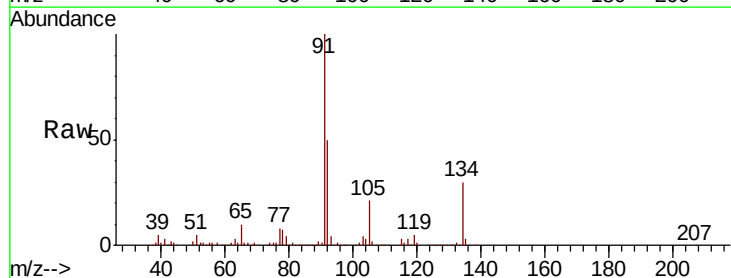
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-GDL

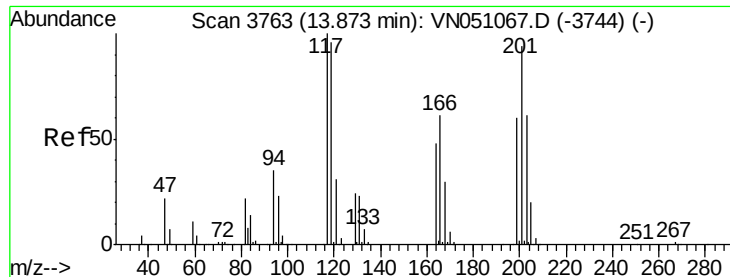
Tot Ion:119 Resp: 241804
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.5 40.4
 91 21.8 10.9 32.9



#89
 n-Butylbenzene
 Concen: 13.93 ug/l
 RT: 13.62 min Scan# 3683
 Delta R.T. 0.00 min
 Lab File: VN051129.D
 Acq: 11 Sep 2018 16:01

Tgt Ion: 91 Resp: 269894
 Ion Ratio Lower Upper
 91 100
 92 43.7 26.2 78.6
 134 0.0 13.7 41.1#





#90

Hexachloroethane

Concen: 5.04 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.02 min

Lab File: VN051129.D

Acq: 11 Sep 2018 16:01

Instrument :

MSVOA_N

ClientSampled :

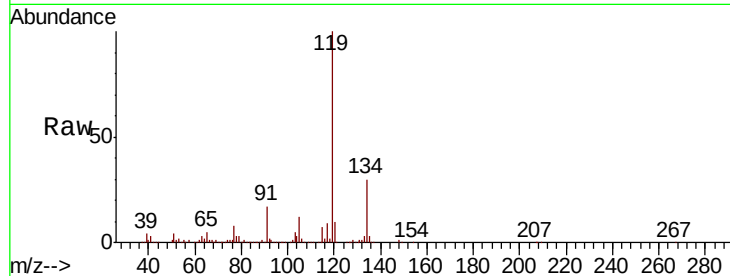
EP1-MW-GDL

Tot Ion:117 Resp: 25359

Ion Ratio Lower Upper

117 100

201 0.0 47.3 142.0#



Abundance Ion 116.80 (116.50 to 117.50): V

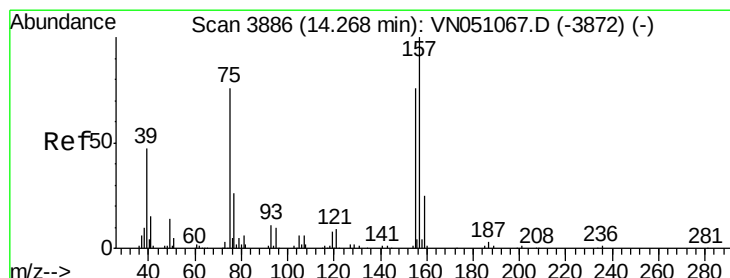
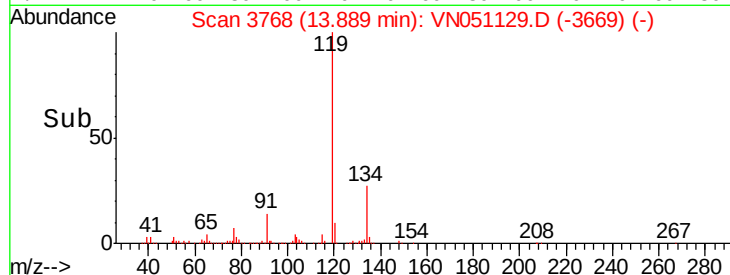
Ion 200.70 (200.40 to 201.40): V

100000

50000

13.89

Time-->



#92

1,2-Dibromo-3-Chloropropane

Concen: 5.51 ug/l

RT: 14.25 min Scan# 3880

Delta R.T. -0.02 min

Lab File: VN051129.D

Acq: 11 Sep 2018 16:01

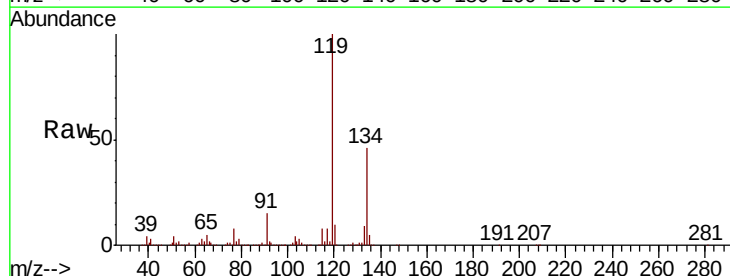
Tgt Ion: 75 Resp: 5392

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

4000

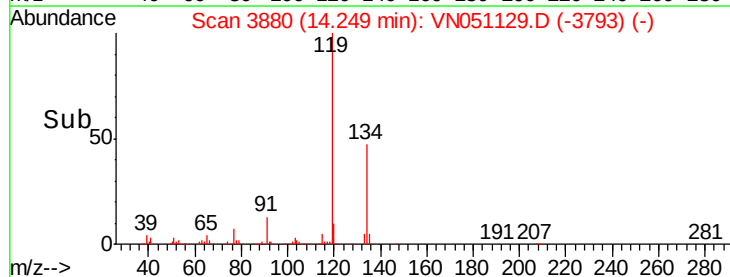
3000

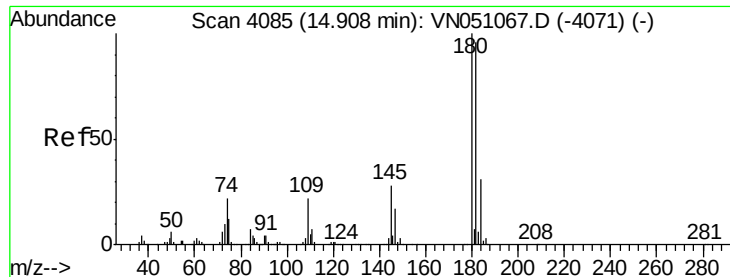
2000

1000

14.25

Time-->





#93

1,2,4-Trichlorobenzene

Concen: 4.01 ug/l

RT: 14.92 min Scan# 4088

Delta R.T. 0.01 min

Lab File: VN051129.D

Acq: 11 Sep 2018 16:01

Instrument :

MSVOA_N

ClientSampled :

EP1-MW-GDL

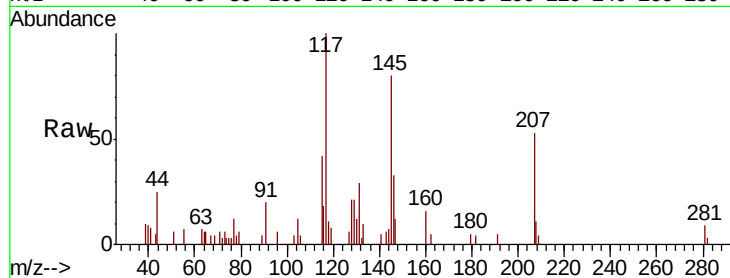
Tot Ion:180 Resp: 225

Ion Ratio Lower Upper

180 100

182 30.2 47.3 141.8#

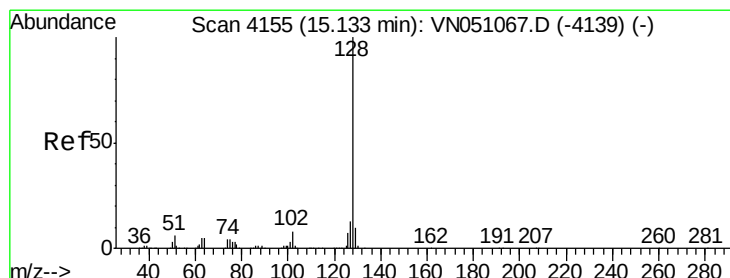
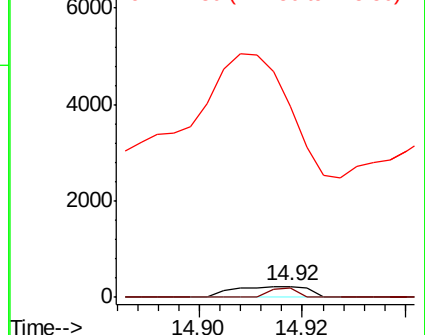
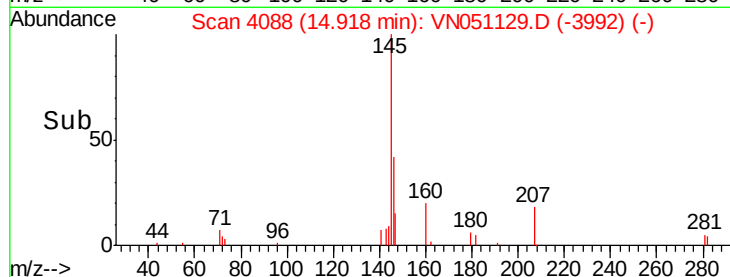
145 4268.0 14.2 42.6#



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



#95

Naphthalene

Concen: 5.48 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN051129.D

Acq: 11 Sep 2018 16:01

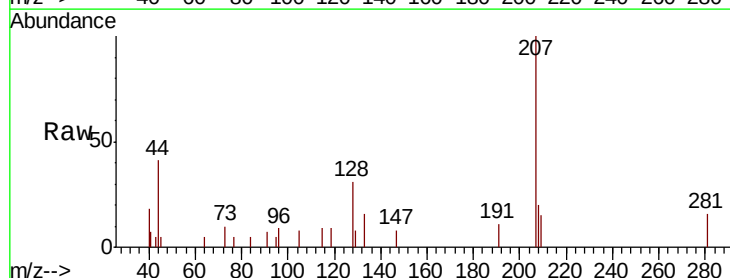
Tgt Ion:128 Resp: 2312

Ion Ratio Lower Upper

128 100

127 0.0 10.6 15.8#

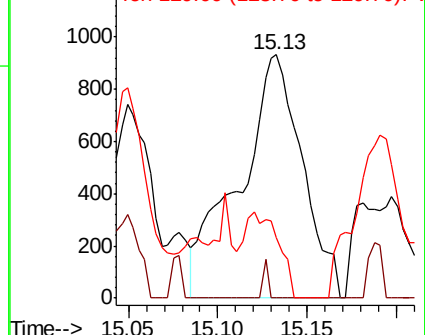
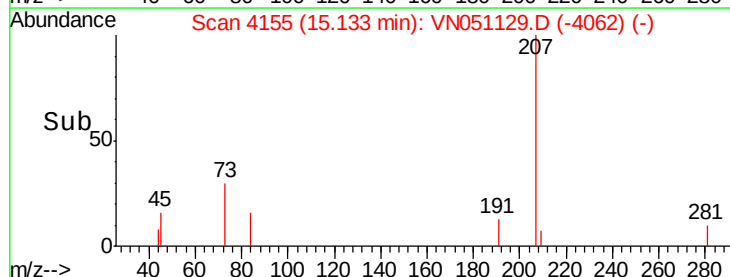
129 19.2 8.6 12.8#

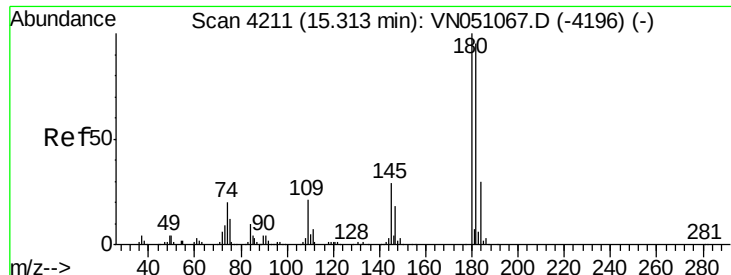


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

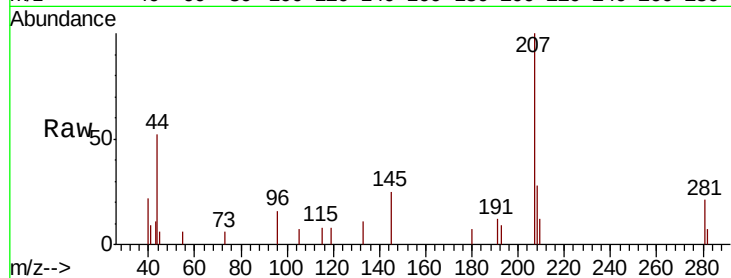




#96
 1,2,3-Trichlorobenzene
 Concen: 2.96 ug/l
 RT: 15.32 min Scan# 4214
 Delta R.T. 0.01 min
 Lab File: VN051129.D
 Acq: 11 Sep 2018 16:01

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-GDL

Tot Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.8	143.3#
145	0.0	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

