

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091418\
 Data File : VN051203.D
 Acq On : 14 Sep 2018 21:20
 Operator : MD\SY
 Sample : PB112829ZHE#08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112829ZHE#08

Quant Time: Sep 15 00:56:39 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	557431	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	877251	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	743384	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	214188	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	336514	54.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.50%	
35) Dibromofluoromethane	7.59	113	339040	51.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.86%	
50) Toluene-d8	10.09	98	1191195	47.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.24%	
62) 4-Bromofluorobenzene	12.40	95	302157	36.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.04%	

Target Compounds

						Qvalue
3) Chloromethane	2.06	50	2008	Below Cal		94
5) Bromomethane	2.57	94	3334	Below Cal		97
10) Methyl Iodide	3.95	142	856	5.76	ug/l #	75
11) Tert butyl alcohol	4.76	59	233	0.49	ug/l #	73
16) Acetone	3.82	43	39023	20.07	ug/l	99
17) Carbon Disulfide	4.06	76	4767	0.38	ug/l	97
18) Methyl Acetate	4.34	43	9454	1.90	ug/l #	88
20) Methylene Chloride	4.56	84	6308	0.92	ug/l	99
25) 2-Butanone	6.85	43	8424	3.45	ug/l	98
29) Tetrahydrofuran	7.22	42	1124	0.74	ug/l	95
31) Cyclohexane	7.67	56	9609	0.72	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	36469	3.79	ug/l #	48
38) Carbon Tetrachloride	7.67	117	47594	5.02	ug/l #	17
41) Methacrylonitrile	7.21	41	629	0.22	ug/l #	34
43) Isopropyl Acetate	8.17	43	222901	22.65	ug/l #	88
48) Methyl methacrylate	9.18	41	5856	1.22	ug/l #	20
51) 4-Methyl-2-Pentanone	9.98	43	3810	0.70	ug/l #	85
56) Ethyl methacrylate	10.43	69	133	2.47	ug/l #	77
59) 2-Hexanone	10.77	43	14604	3.96	ug/l #	59
74) N-amyl acetate	12.06	43	1759	0.39	ug/l #	64
75) 1,1,2,2-Tetrachloroethane	12.51	83	520	Below Cal	#	58
76) 1,2,3-Trichloropropane	12.40	75	137842	41.25	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	5660	0.39	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.40	75	137842	122.22	ug/l #	15
87) 1,3-Dichlorobenzene	13.29	146	2216	0.27	ug/l	97
88) 1,4-Dichlorobenzene	13.29	146	2216	0.31	ug/l	98
90) Hexachloroethane	13.88	117	138	Below Cal		86
91) 1,2-Dichlorobenzene	13.65	146	2162	0.27	ug/l	87
92) 1,2-Dibromo-3-Chloropropan	14.25	75	195	0.97	ug/l #	9
93) 1,2,4-Trichlorobenzene	14.91	180	3678	4.86	ug/l	85
94) Hexachlorobutadiene	15.01	225	1628	Below Cal		85
95) Naphthalene	15.14	128	6755	6.09	ug/l	97
96) 1,2,3-Trichlorobenzene	15.32	180	3583	3.86	ug/l	99

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Quant Title : SW846 8260
QLast Update : Tue Sep 11 02:27:09 2018
Response via : Initial Calibration

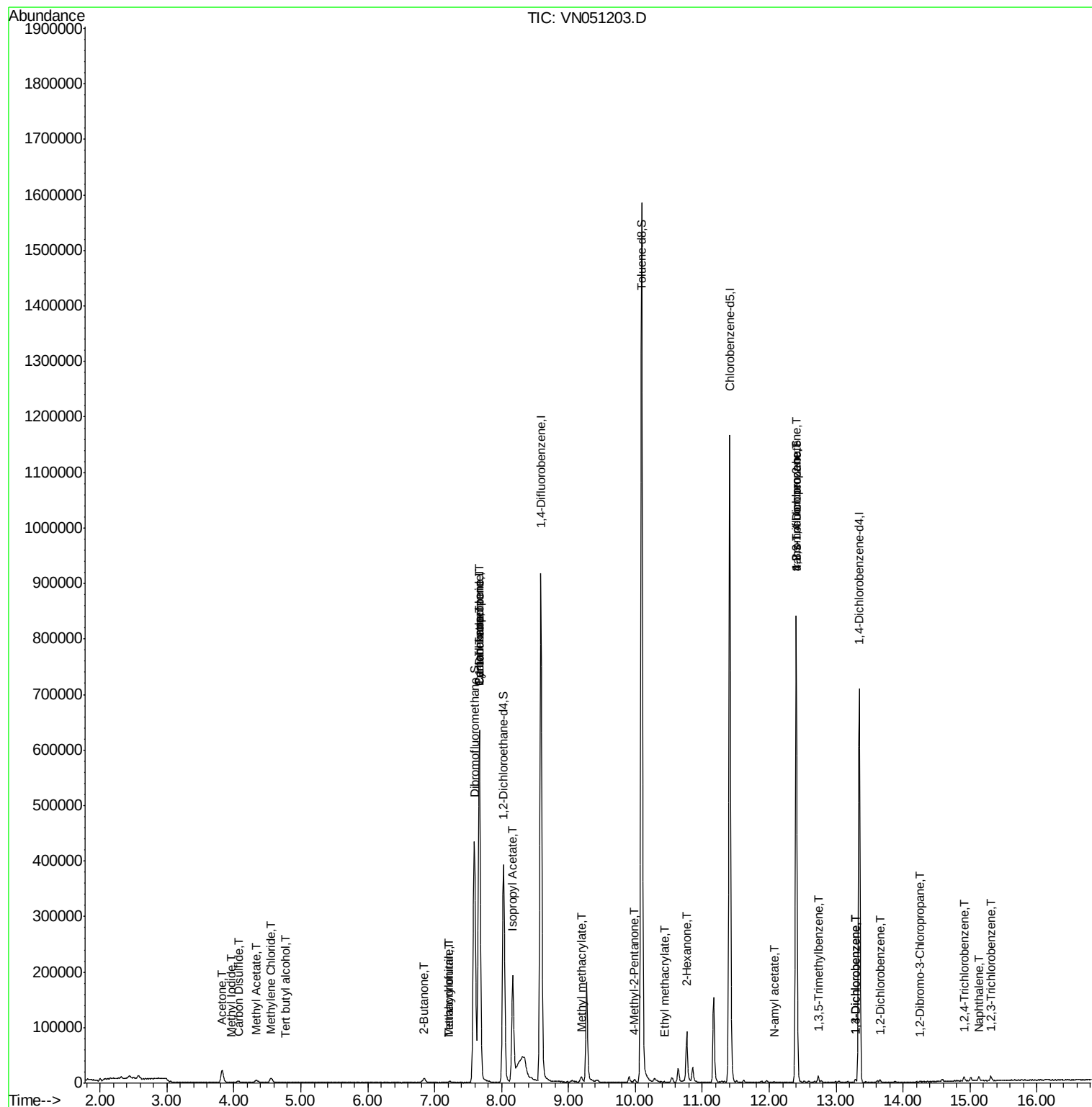
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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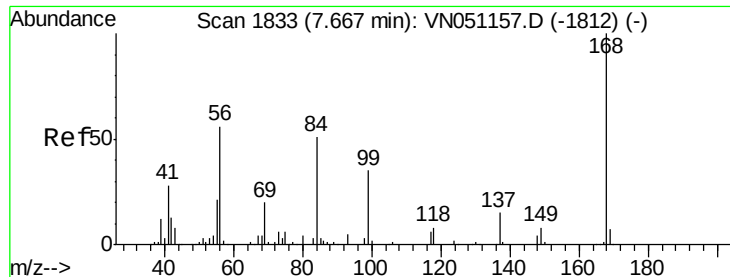
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN051203.D

Acq: 14 Sep 2018 21:20

Instrument :

MSVOA_N

ClientSampleId :

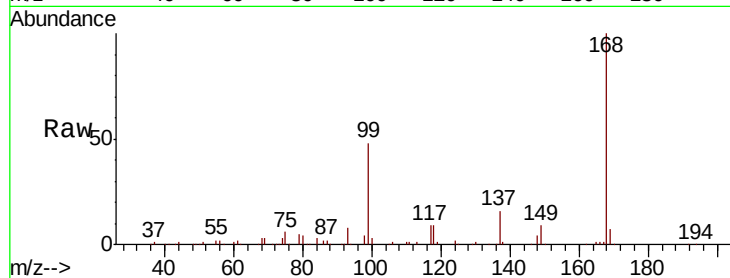
PB112829ZHE#08

Tot Ion:168 Resp: 557431

Ion Ratio Lower Upper

168 100

99 48.5 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): VN051157.D

Ion 98.90 (98.60 to 99.60): VN051157.D

7.67

250000

200000

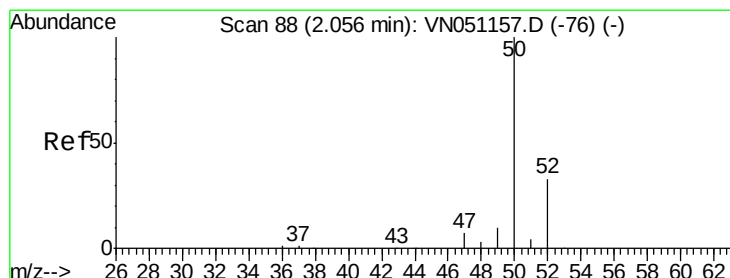
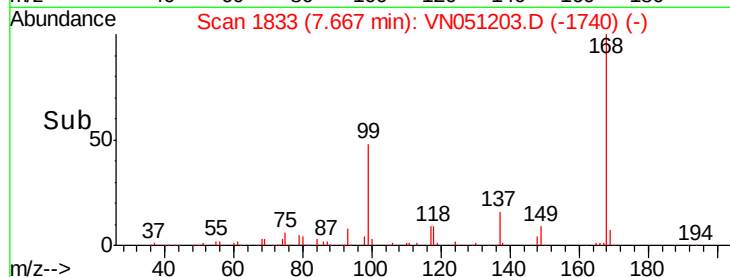
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: Below Cal

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN051203.D

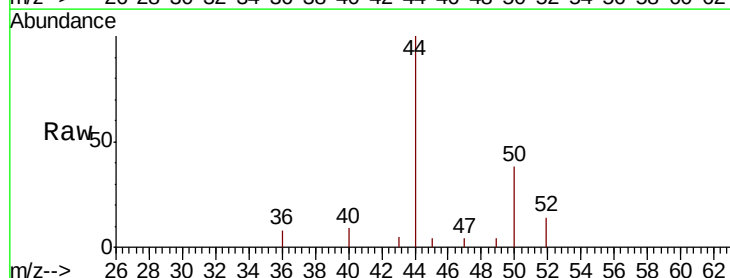
Acq: 14 Sep 2018 21:20

Tgt Ion: 50 Resp: 2008

Ion Ratio Lower Upper

50 100

52 36.1 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VN051157.D

Ion 51.90 (51.60 to 52.60): VN051157.D

2.06

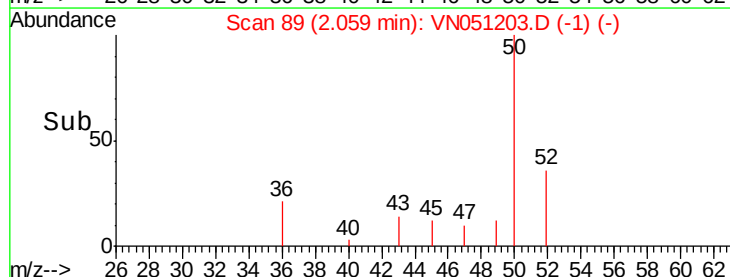
1500

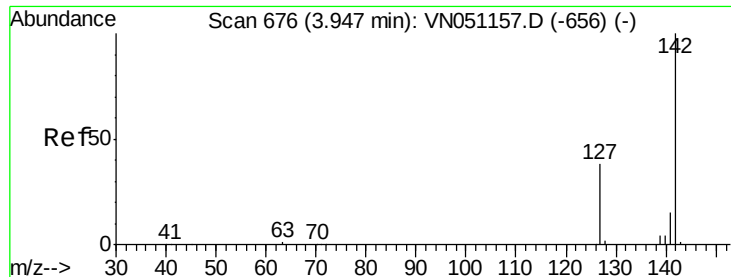
1000

500

0

Time-->

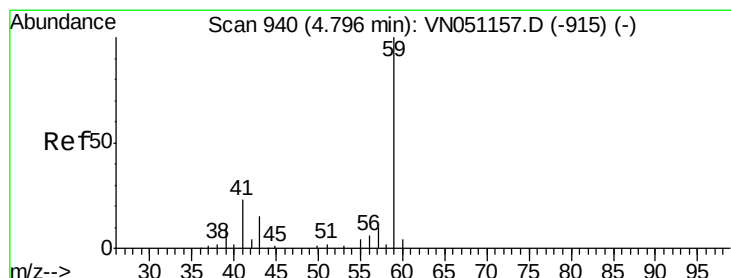
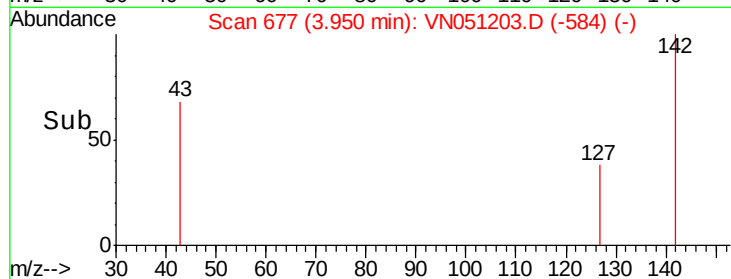
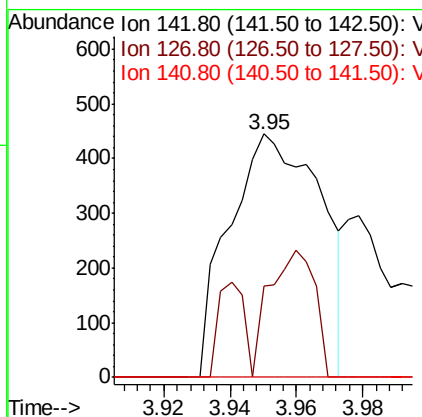
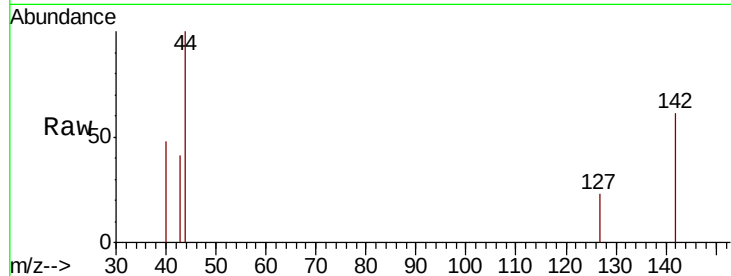




#10
Methvl Iodide
Concen: 5.76 ug/l
RT: 3.95 min Scan# 677
Delta R.T. 0.00 min
Lab File: VN051203.D
Acq: 14 Sep 2018 21:20

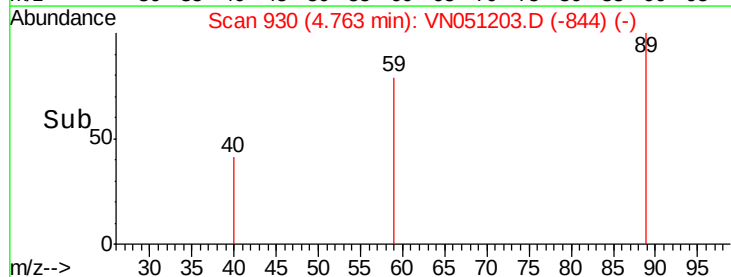
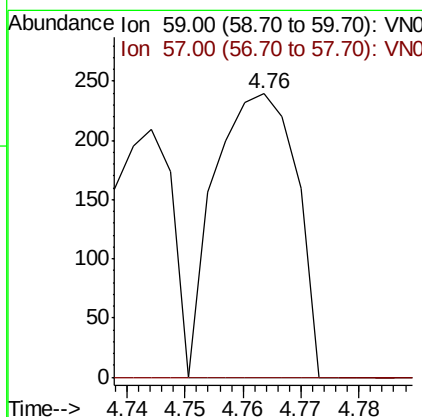
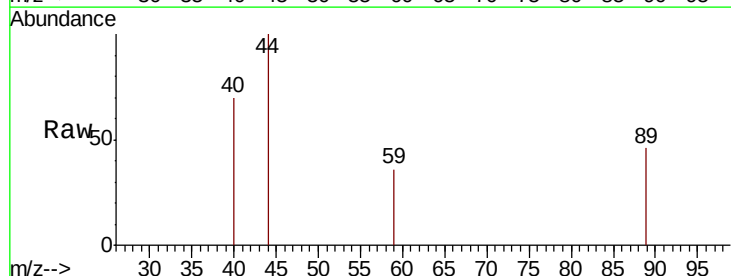
Instrument :
MSVOA_N
ClientSampleId :
PB112829ZHE#08

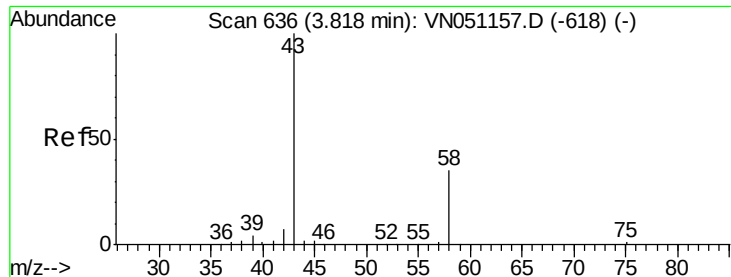
Tot Ion:142 Resp: 856
Ion Ratio Lower Upper
142 100
127 25.8 31.0 46.4#
141 0.0 11.3 16.9#



#11
Tert butyl alcohol
Concen: 0.49 ug/l
RT: 4.76 min Scan# 930
Delta R.T. -0.02 min
Lab File: VN051203.D
Acq: 14 Sep 2018 21:20

Tgt Ion: 59 Resp: 233
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#





#16

Acetone

Concen: 20.07 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN051203.D

Acq: 14 Sep 2018 21:20

Instrument :

MSVOA_N

ClientSampleId :

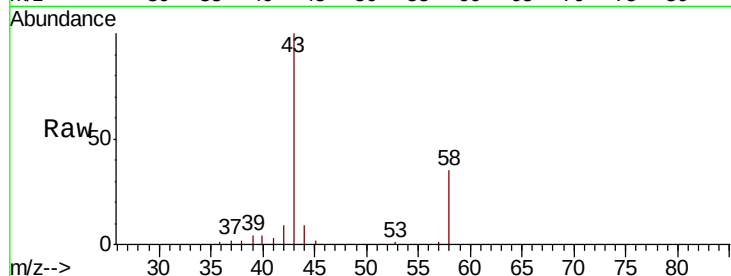
PB112829ZHE#08

Tot Ion: 43 Resp: 39023

Ion Ratio Lower Upper

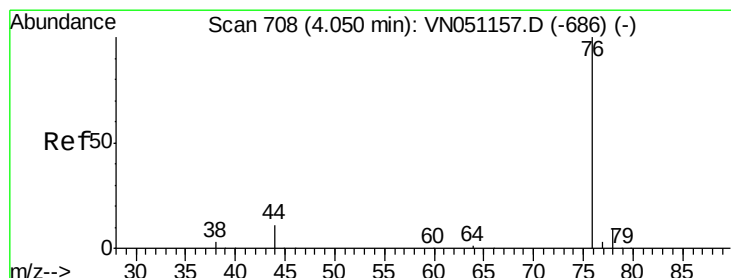
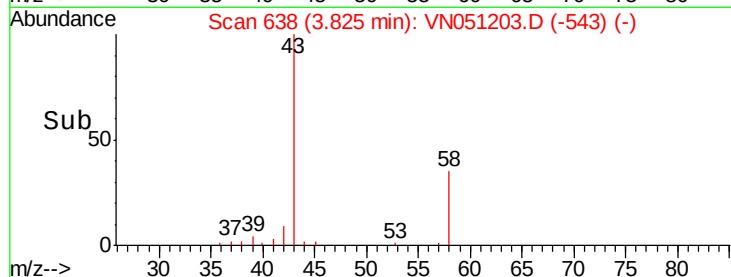
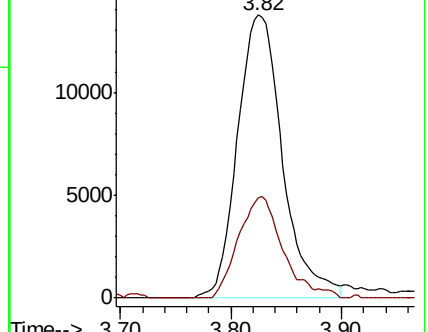
43 100

58 35.5 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VN051157.D (-618) (-)

Ion 58.00 (57.70 to 58.70): VN051157.D (-618) (-)



#17

Carbon Disulfide

Concen: 0.38 ug/l

RT: 4.06 min Scan# 711

Delta R.T. 0.01 min

Lab File: VN051203.D

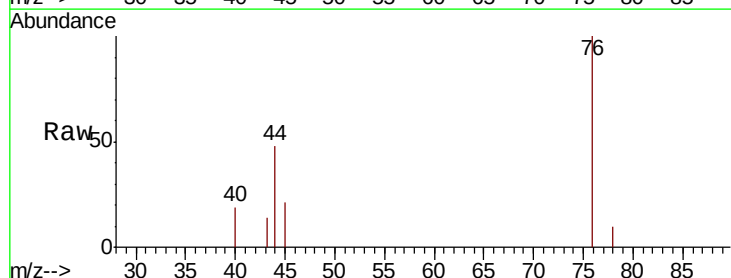
Acq: 14 Sep 2018 21:20

Tgt Ion: 76 Resp: 4767

Ion Ratio Lower Upper

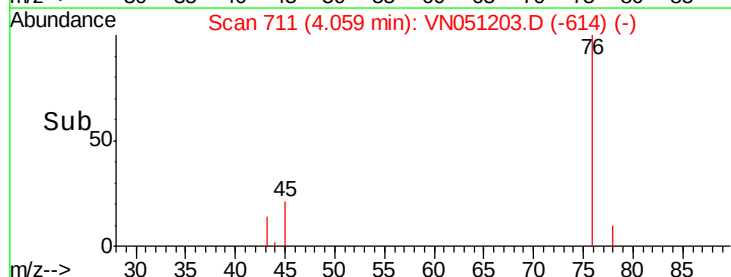
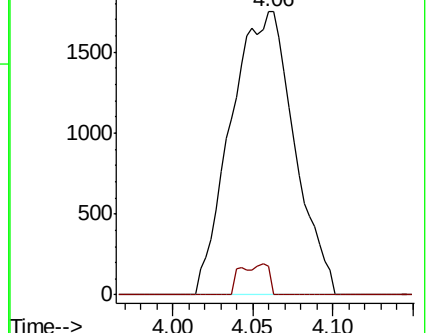
76 100

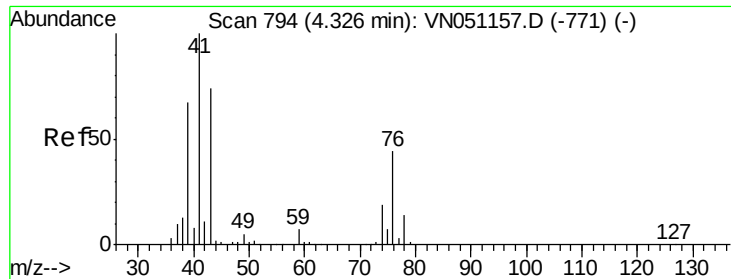
78 10.0 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VN051157.D (-686) (-)

Ion 77.90 (77.60 to 78.60): VN051157.D (-686) (-)

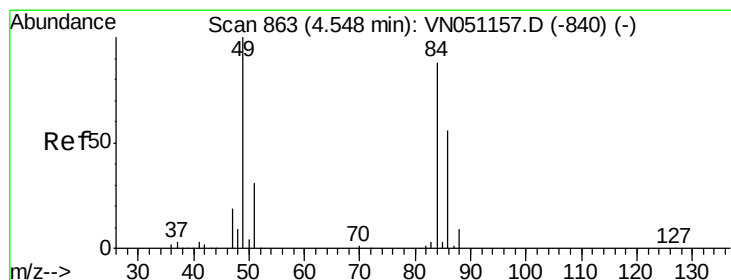
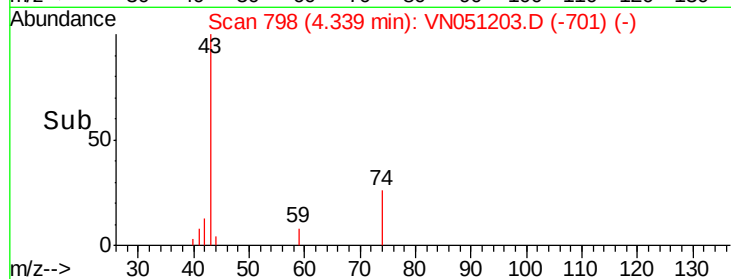
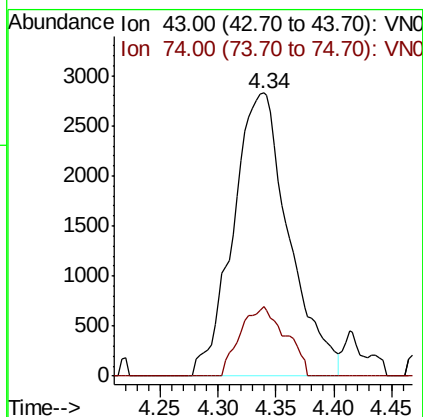
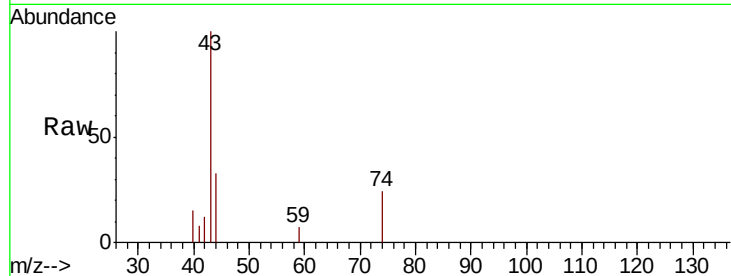




#18
Methyl Acetate
Concen: 1.90 ug/l
RT: 4.34 min Scan# 798
Delta R.T. 0.01 min
Lab File: VN051203.D
Acq: 14 Sep 2018 21:20

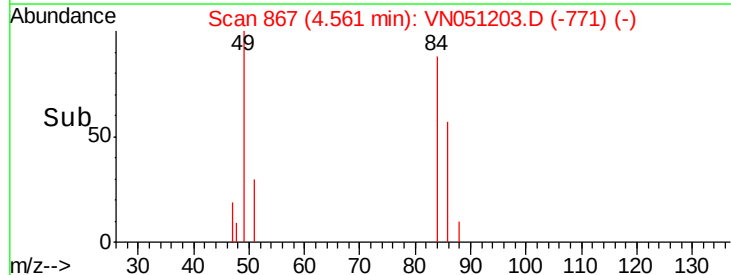
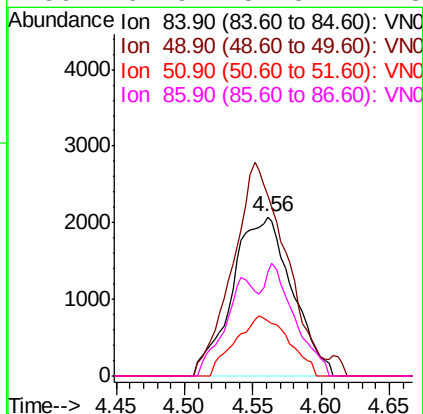
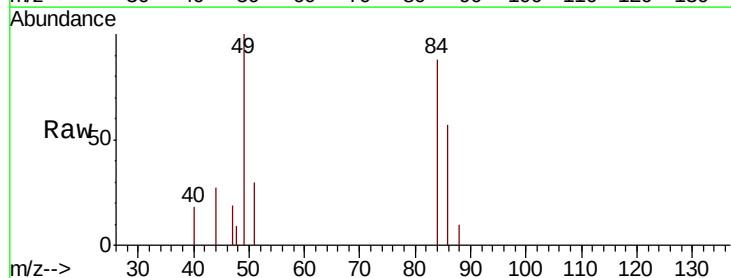
Instrument :
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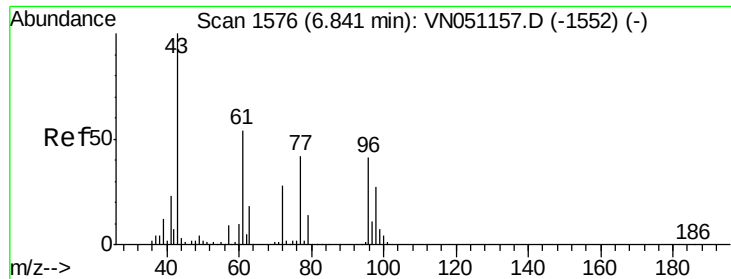
Tot Ion: 43 Resp: 9454
Ion Ratio Lower Upper
43 100
74 19.9 20.7 31.1#



#20
Methylene Chloride
Concen: 0.92 ug/l
RT: 4.56 min Scan# 867
Delta R.T. 0.01 min
Lab File: VN051203.D
Acq: 14 Sep 2018 21:20

Tgt Ion: 84 Resp: 6308
Ion Ratio Lower Upper
84 100
49 113.5 90.2 135.2
51 34.6 28.4 42.6
86 64.9 51.8 77.8

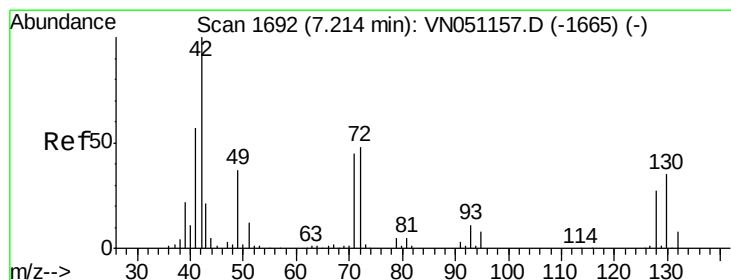
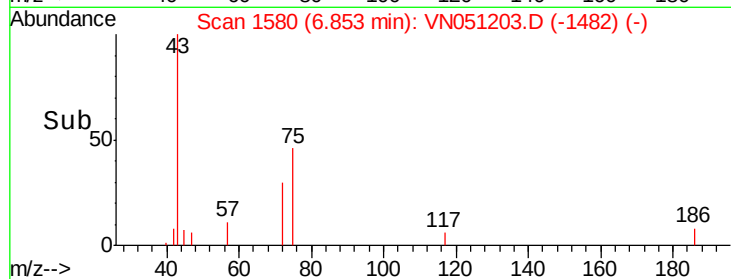
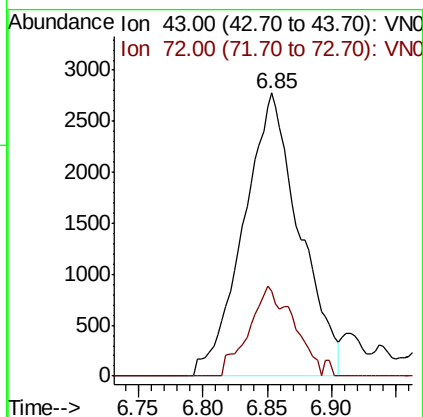
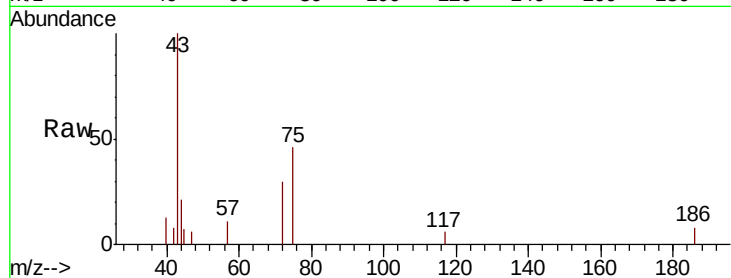




#25
2-Butanone
Concen: 3.45 ug/l
RT: 6.85 min Scan# 1580
Delta R.T. 0.02 min
Lab File: VN051203.D
Acq: 14 Sep 2018 21:20

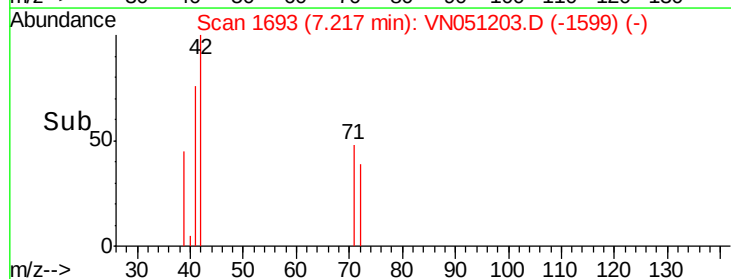
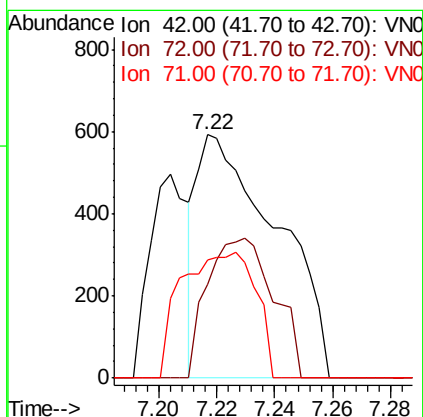
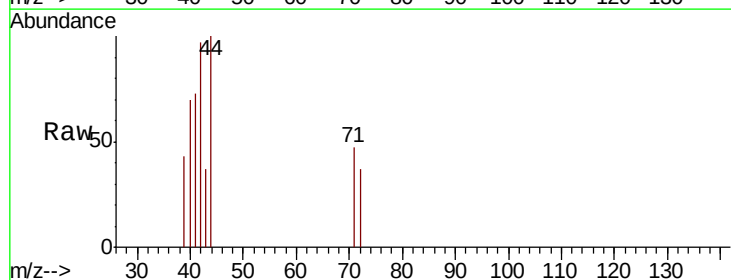
Instrument :
MSVOA_N
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PB112829ZHE#08

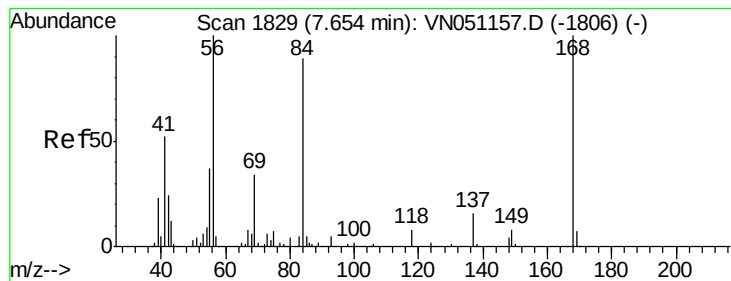
Tot Ion: 43 Resp: 8424
Ion Ratio Lower Upper
43 100
72 30.0 23.0 34.6



#29
Tetrahydrofuran
Concen: 0.74 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VN051203.D
Acq: 14 Sep 2018 21:20

Tgt Ion: 42 Resp: 1124
Ion Ratio Lower Upper
42 100
72 48.1 37.4 56.0
71 48.2 34.7 52.1





#31

Cyclohexane

Concen: 0.72 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.02 min

Lab File: VN051203.D

Acq: 14 Sep 2018 21:20

Instrument :

MSVOA_N

ClientSampleId :

PB112829ZHE#08

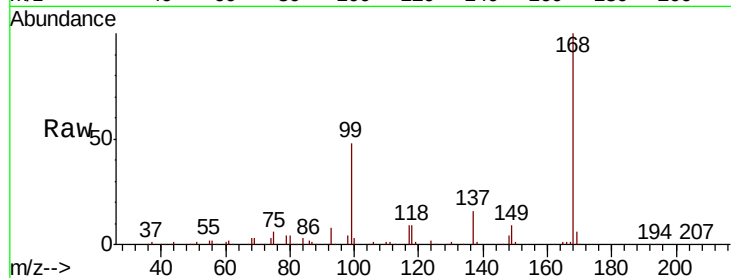
Tot Ion: 56 Resp: 9609

Ion Ratio Lower Upper

56 100

69 183.6 26.3 39.5#

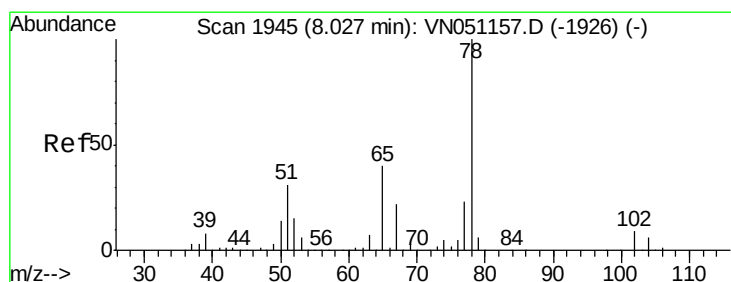
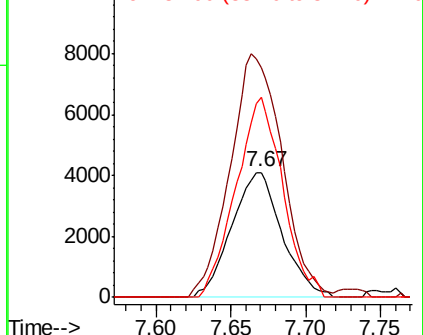
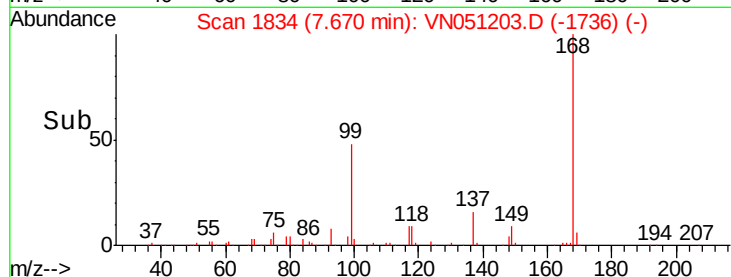
84 160.1 69.4 104.0#



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: 54.25 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN051203.D

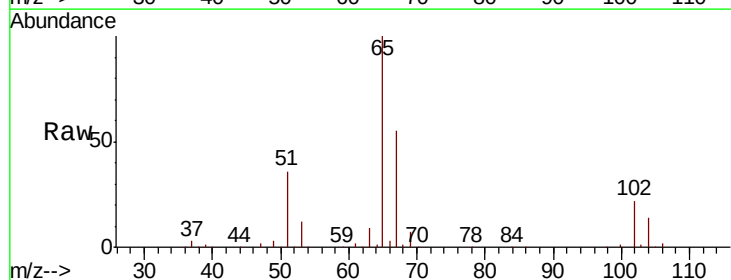
Acq: 14 Sep 2018 21:20

Tgt Ion: 65 Resp: 336514

Ion Ratio Lower Upper

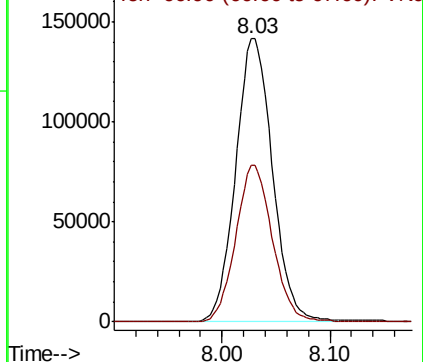
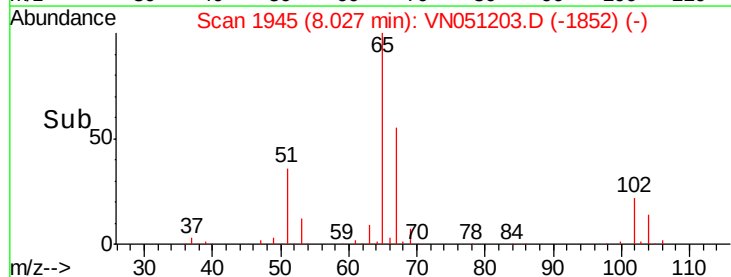
65 100

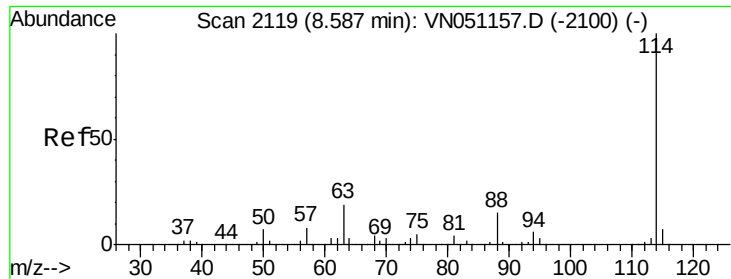
67 55.2 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

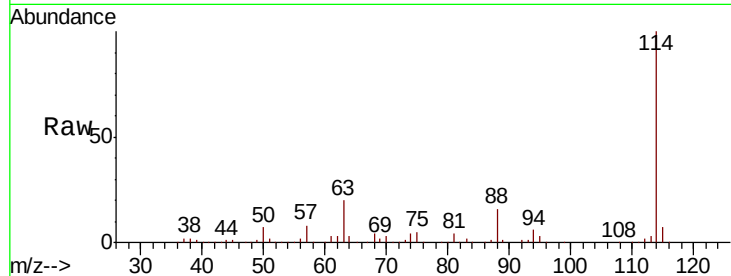




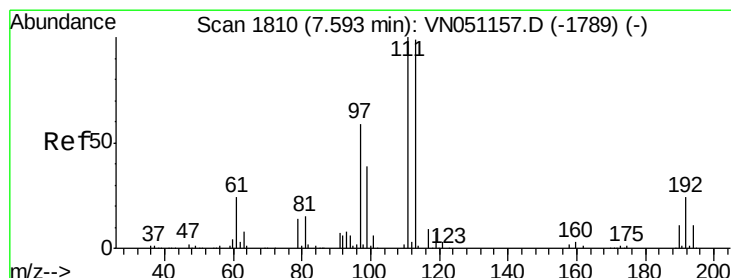
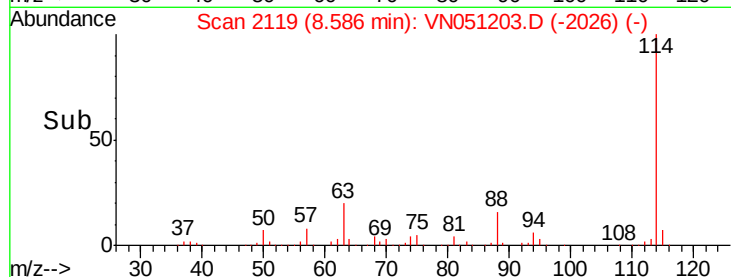
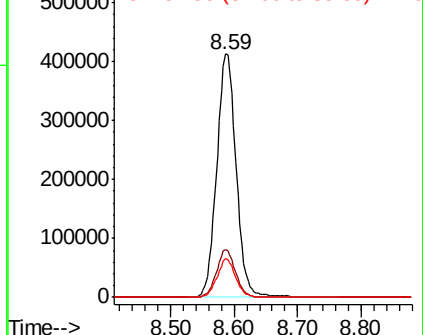
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051203.D
 Acq: 14 Sep 2018 21:20

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112829ZHE#08

Tot Ion:114 Resp: 877251
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 37.8
 88 15.7 0.0 30.8

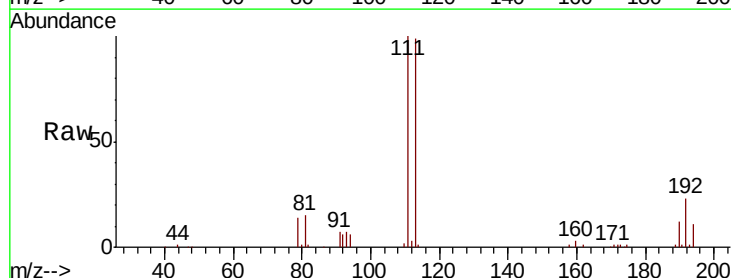


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

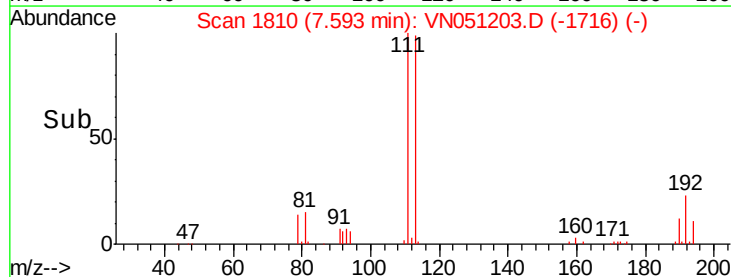
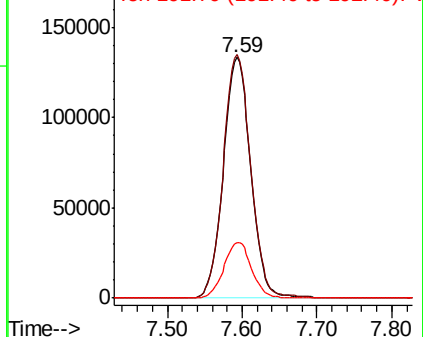


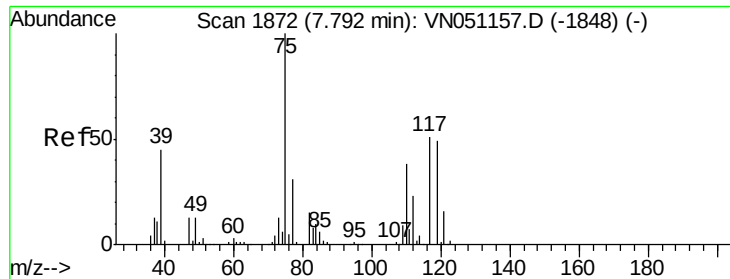
#35
 Dibromofluoromethane
 Concen: 51.43 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051203.D
 Acq: 14 Sep 2018 21:20

Tgt Ion:113 Resp: 339040
 Ion Ratio Lower Upper
 113 100
 111 101.5 83.0 124.6
 192 23.3 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

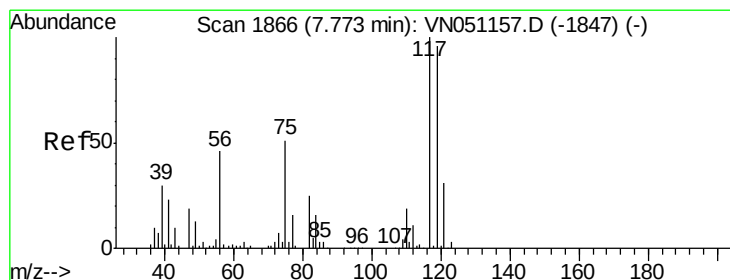
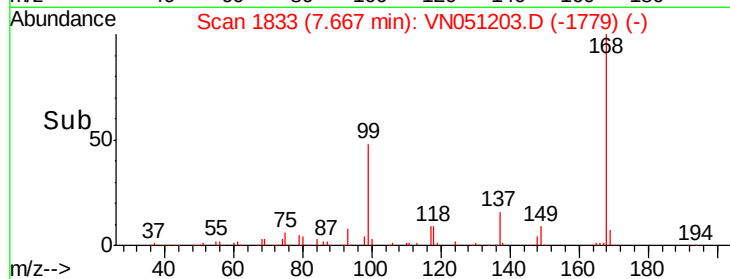
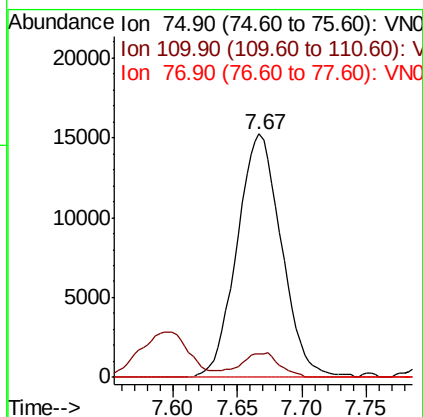
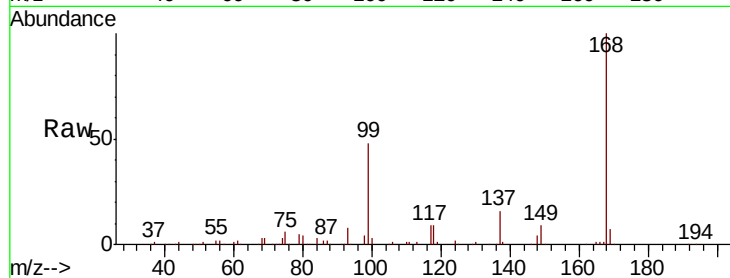




#36
 1,1-Dichloropropene
 Concen: 3.79 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN051203.D
 Acq: 14 Sep 2018 21:20

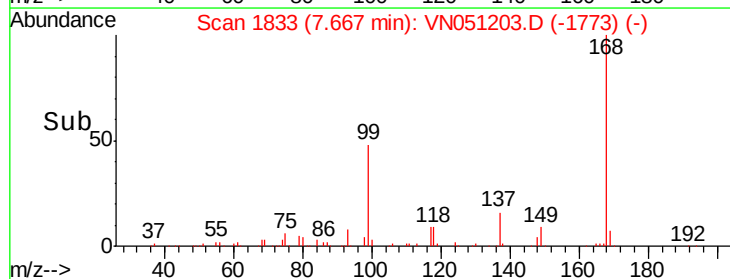
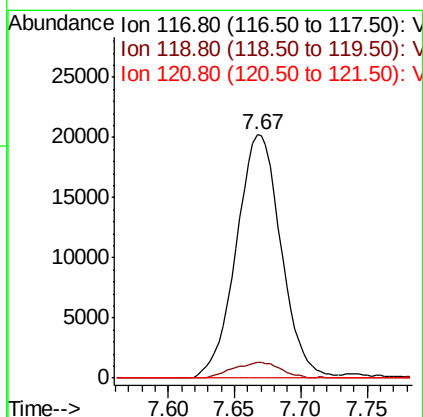
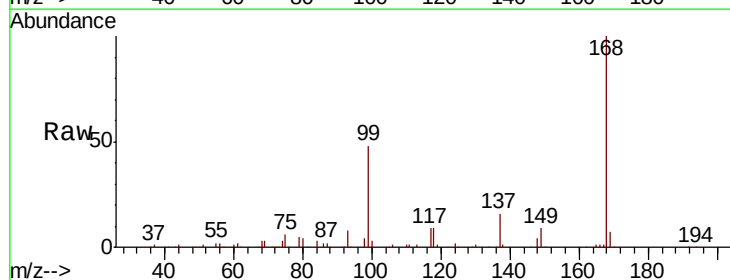
Instrument :
 MSVOA_N
 ClientSampleId :
 PB112829ZHE#08

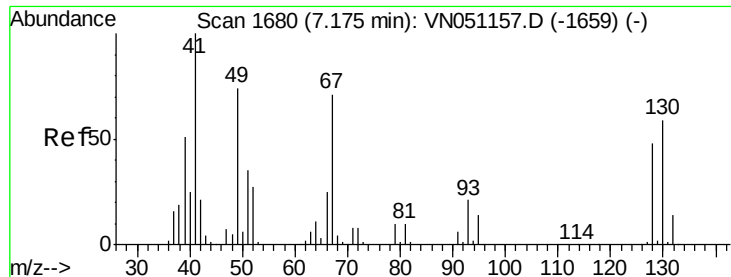
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.8	18.6	55.8#
77	0.0	25.2	37.8#



#38
 Carbon Tetrachloride
 Concen: 5.02 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.11 min
 Lab File: VN051203.D
 Acq: 14 Sep 2018 21:20

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.6	76.8	115.2#
121	0.0	24.6	36.8#





#41

Methacrylonitrile

Concen: 0.22 ug/l

RT: 7.21 min Scan# 1692

Delta R.T. 0.04 min

Lab File: VN051203.D

Acq: 14 Sep 2018 21:20

Instrument :

MSVOA_N

ClientSampleId :

PB112829ZHE#08

Tot Ion: 41 Resp: 629

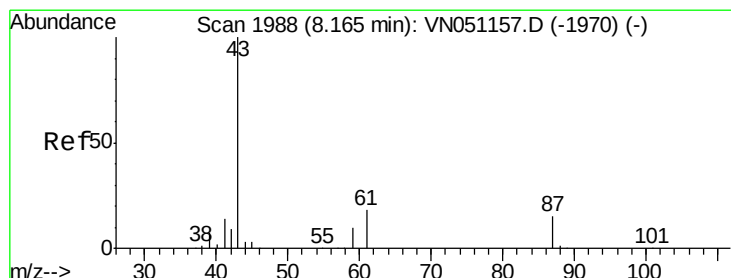
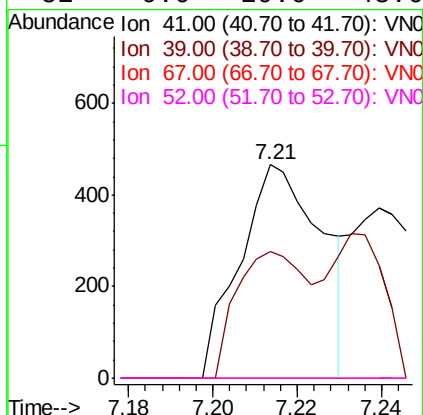
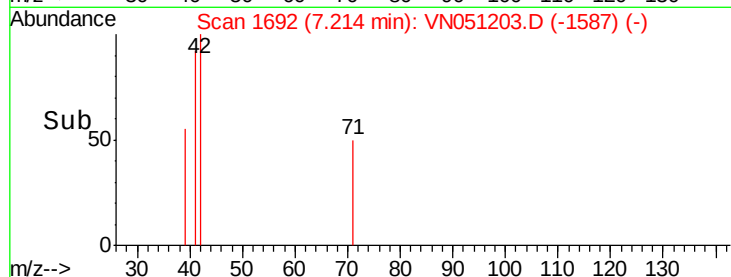
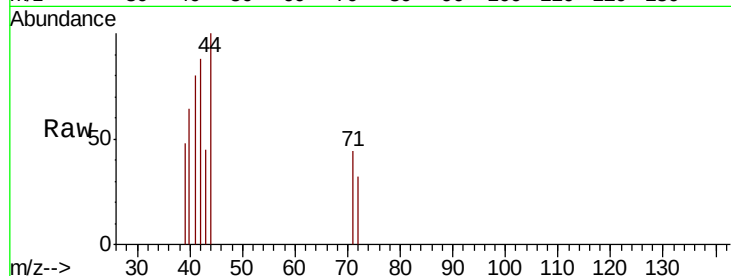
Ion Ratio Lower Upper

41 100

39 49.9 51.3 76.9#

67 0.0 78.5 117.7#

52 0.0 29.0 43.6#



#43

Isopropyl Acetate

Concen: 22.65 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN051203.D

Acq: 14 Sep 2018 21:20

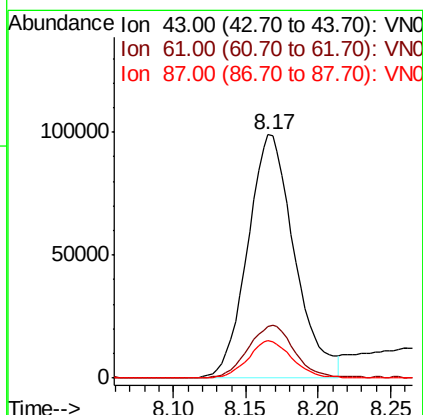
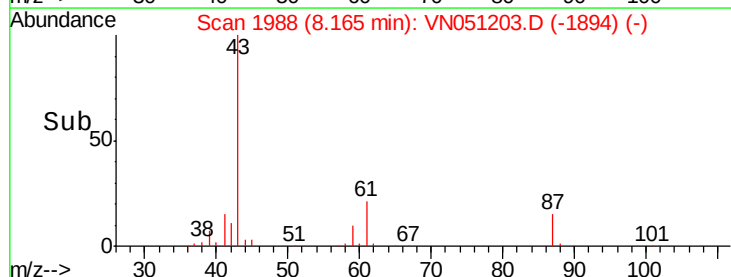
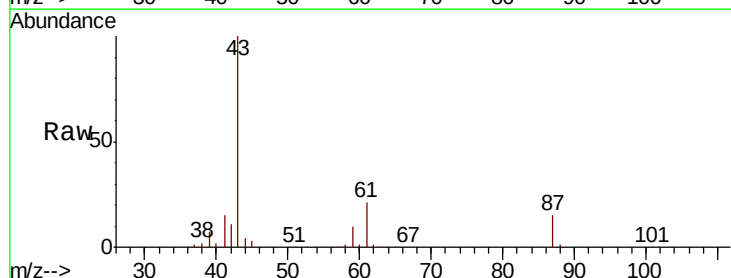
Tgt Ion: 43 Resp: 222901

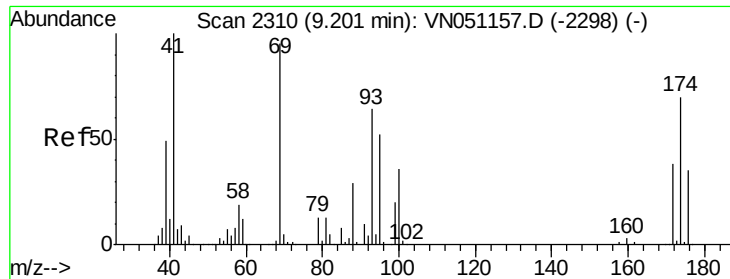
Ion Ratio Lower Upper

43 100

61 21.6 25.0 37.6#

87 14.5 11.8 17.8

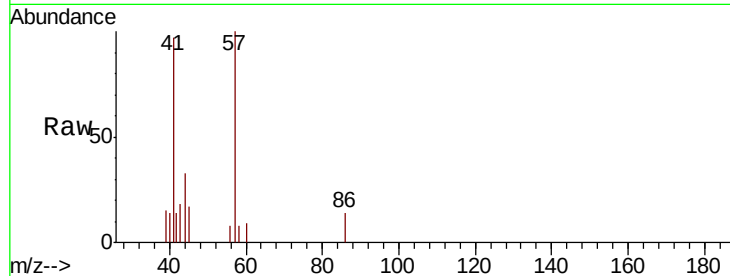




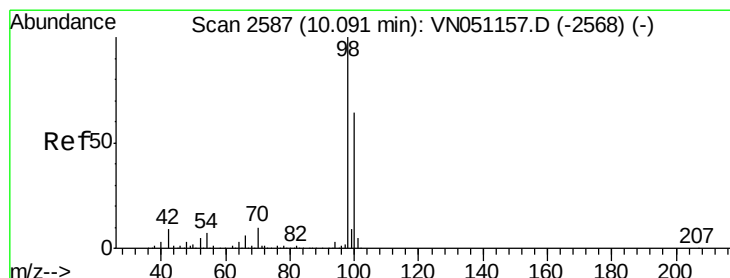
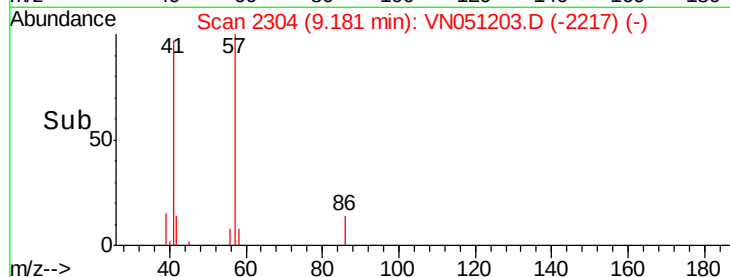
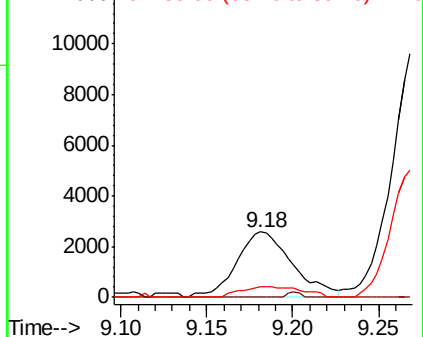
#48
Methvl methacrylate
Concen: 1.22 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN051203.D
Acq: 14 Sep 2018 21:20

Instrument :
MSVOA_N
ClientSampleId :
PB112829ZHE#08

Tot Ion: 41 Resp: 5856
Ion Ratio Lower Upper
41 100
69 1.8 77.7 116.5#
39 17.7 41.6 62.4#

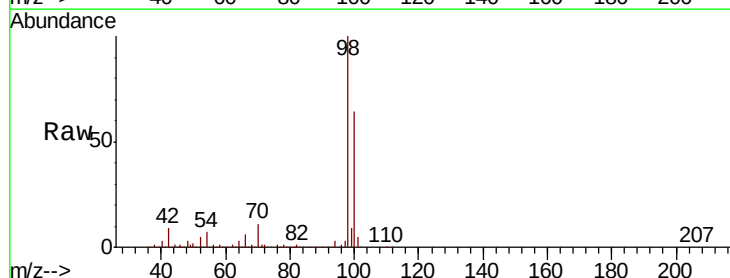


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

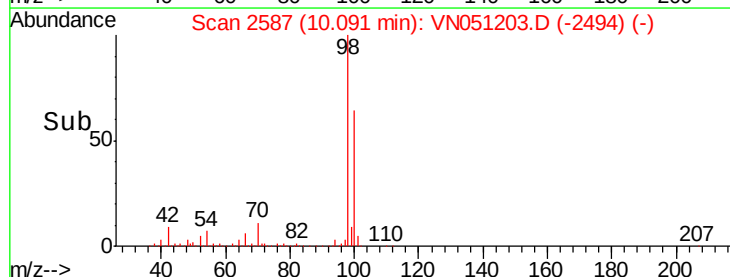
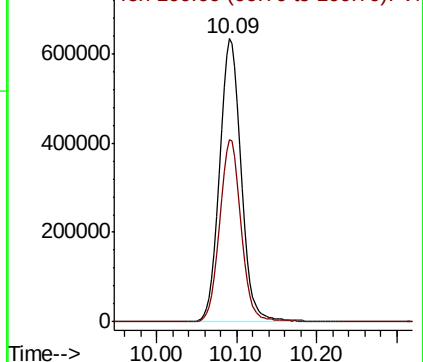


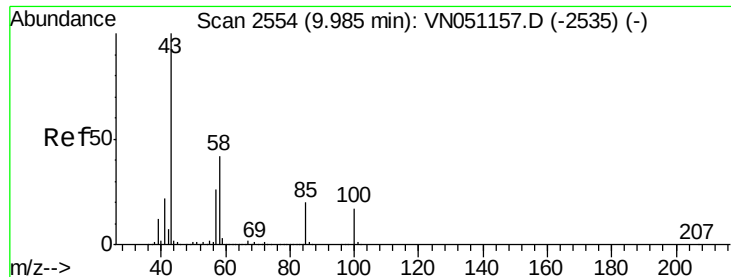
#50
Toluene-d8
Concen: 47.62 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN051203.D
Acq: 14 Sep 2018 21:20

Tgt Ion: 98 Resp: 1191195
Ion Ratio Lower Upper
98 100
100 64.0 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 0.70 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN051203.D

Acq: 14 Sep 2018 21:20

Instrument :

MSVOA_N

ClientSampleId :

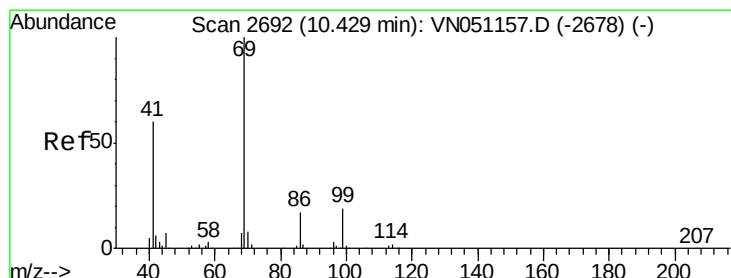
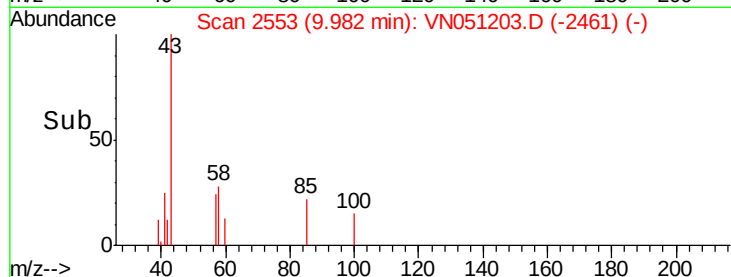
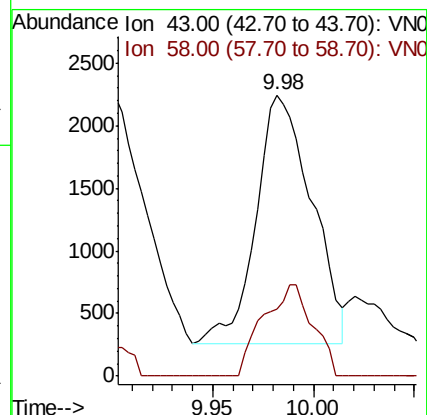
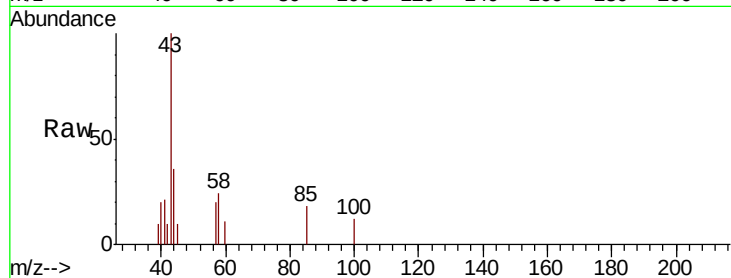
PB112829ZHE#08

Tot Ion: 43 Resp: 3810

Ion Ratio Lower Upper

43 100

58 32.5 33.5 50.3#



#56

Ethyl methacrylate

Concen: 2.47 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. -0.00 min

Lab File: VN051203.D

Acq: 14 Sep 2018 21:20

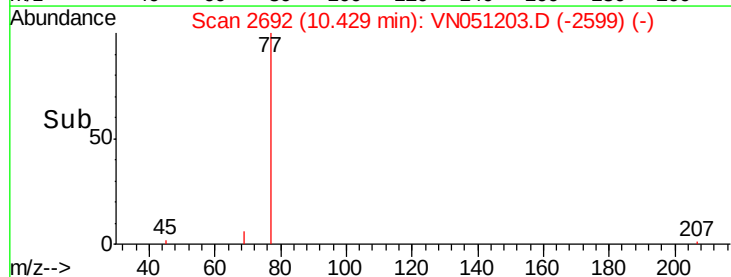
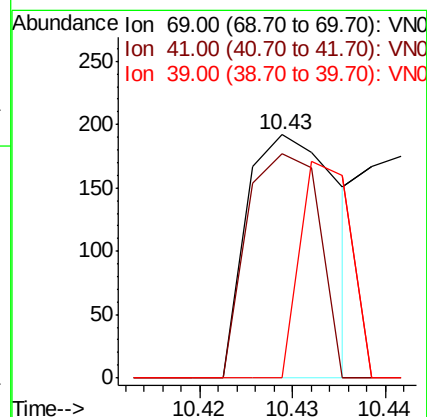
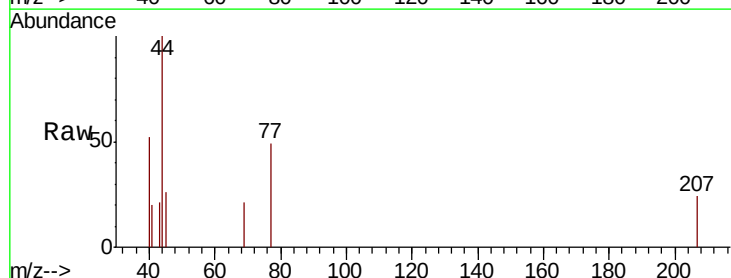
Tgt Ion: 69 Resp: 133

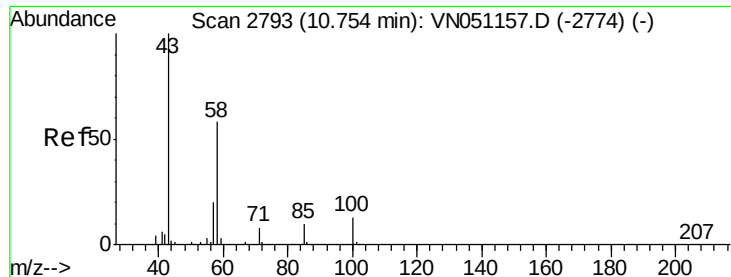
Ion Ratio Lower Upper

69 100

41 72.2 47.8 71.8#

39 48.1 23.0 34.4#

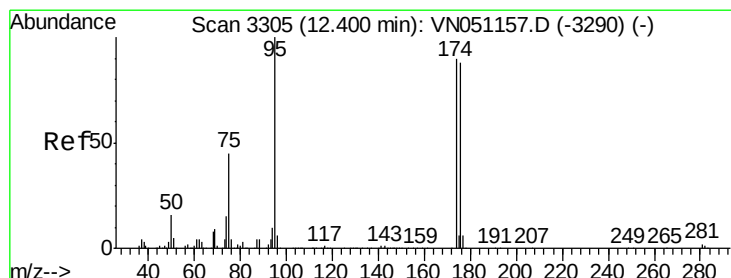
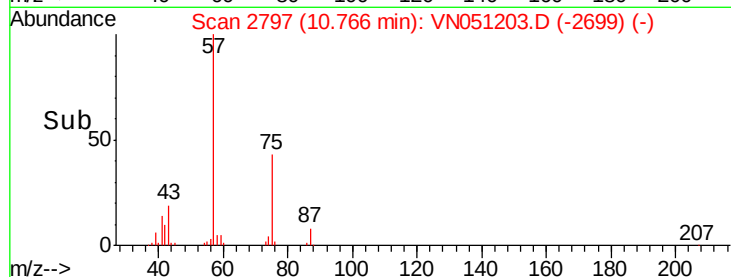
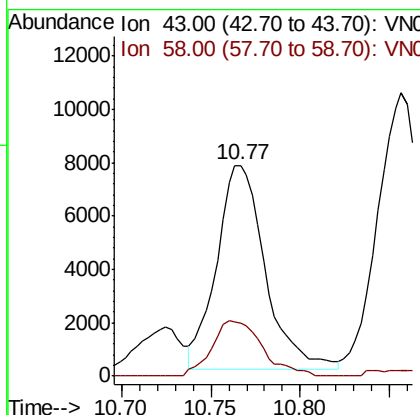
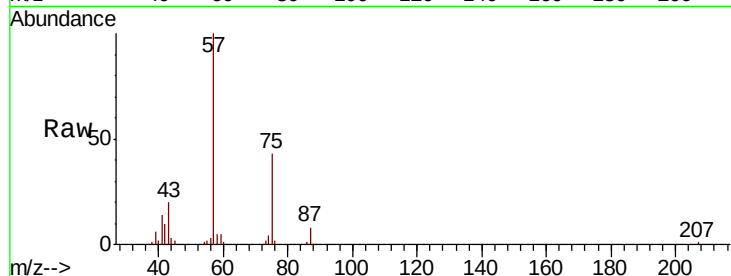




#59
2-Hexanone
Concen: 3.96 ug/l
RT: 10.77 min Scan# 2797
Delta R.T. 0.02 min
Lab File: VN051203.D
Acq: 14 Sep 2018 21:20

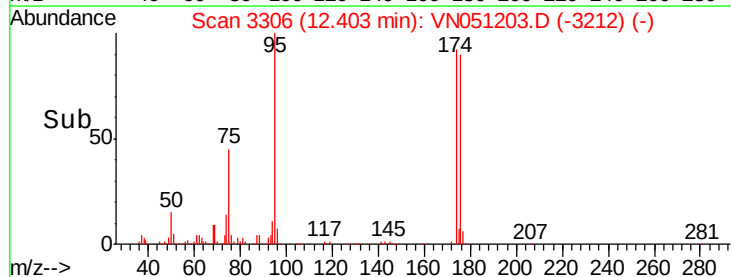
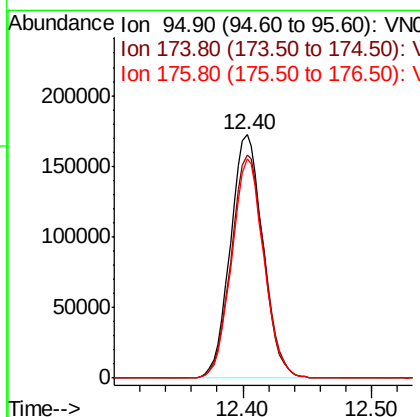
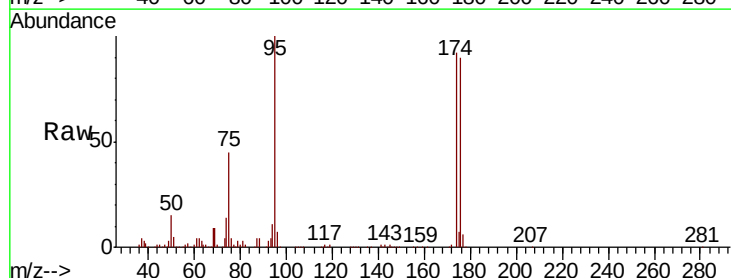
Instrument :
MSVOA_N
ClientSampleId :
PB112829ZHE#08

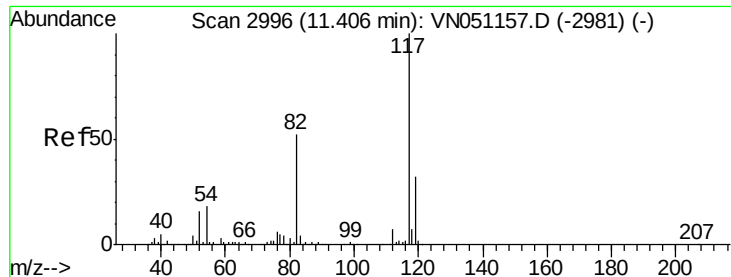
Tot Ion: 43 Resp: 14604
Ion Ratio Lower Upper
43 100
58 28.0 29.3 88.0#



#62
4-Bromofluorobenzene
Concen: 36.52 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051203.D
Acq: 14 Sep 2018 21:20

Tgt Ion: 95 Resp: 302157
Ion Ratio Lower Upper
95 100
174 93.1 0.0 184.8
176 89.0 0.0 178.6

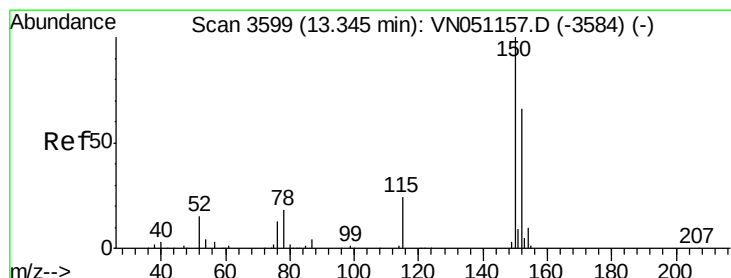
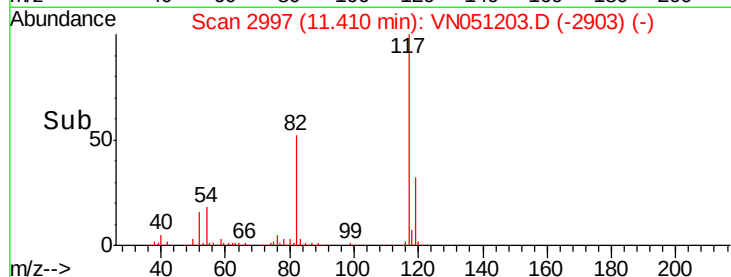
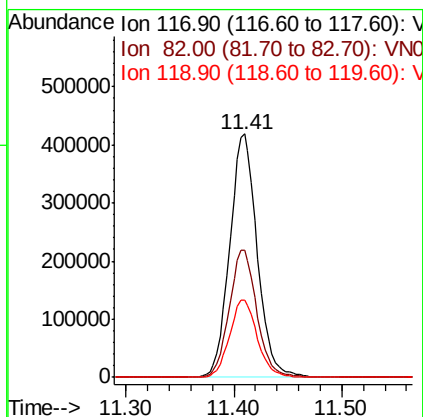
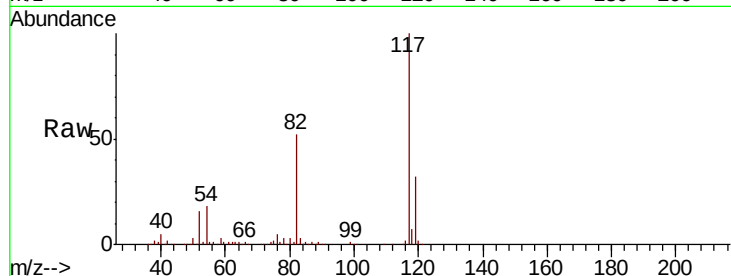




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051203.D
Acq: 14 Sep 2018 21:20

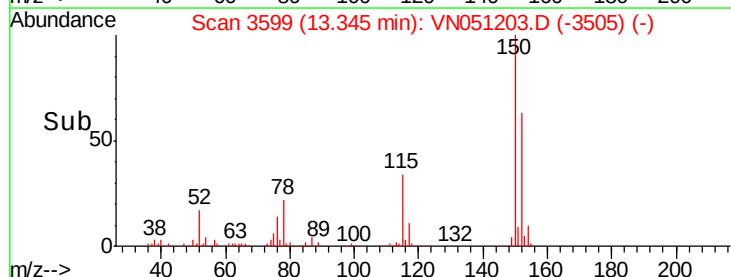
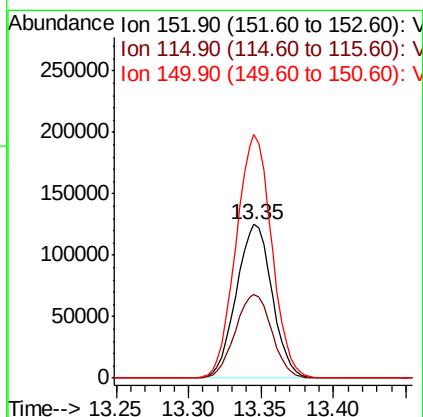
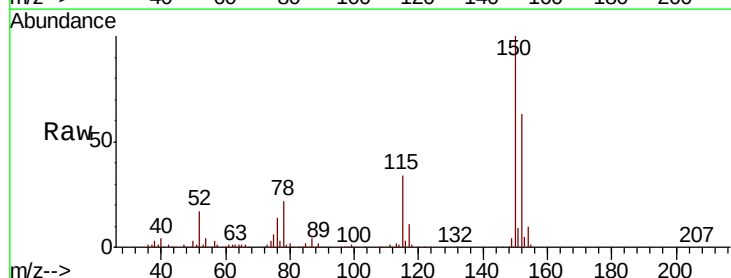
Instrument :
MSVOA_N
ClientSampleId :
PB112829ZHE#08

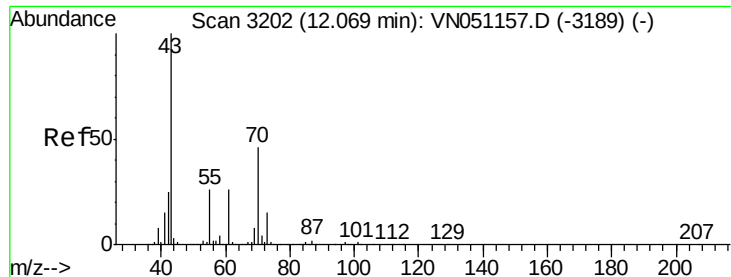
Tot Ion:117 Resp: 743384
Ion Ratio Lower Upper
117 100
82 52.4 41.8 62.6
119 32.0 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051203.D
Acq: 14 Sep 2018 21:20

Tgt Ion:152 Resp: 214188
Ion Ratio Lower Upper
152 100
115 55.6 28.2 84.7
150 157.9 0.0 349.0





#74

N-amvl acetate

Concen: 0.39 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. -0.01 min

Lab File: VN051203.D

Acq: 14 Sep 2018 21:20

Instrument :

MSVOA_N

ClientSampleId :

PB112829ZHE#08

Tot Ion: 43 Resp: 1759

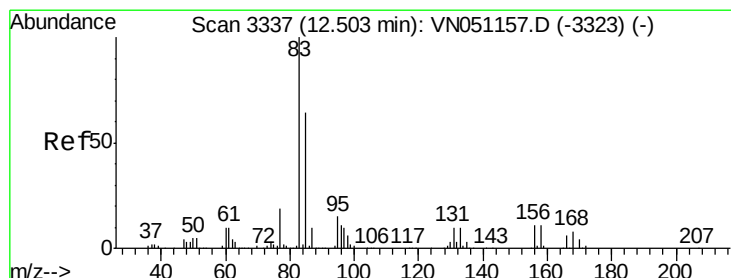
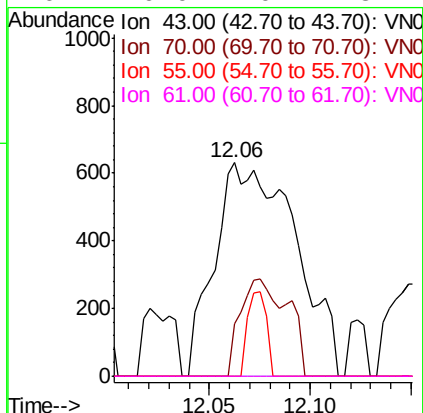
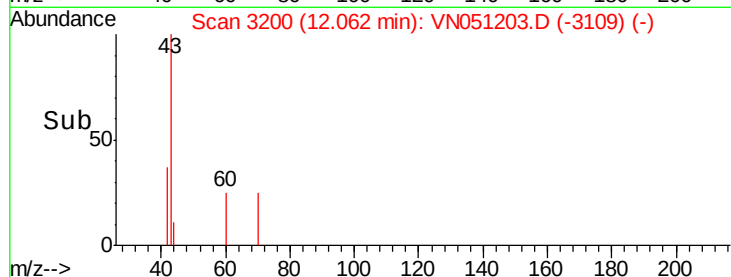
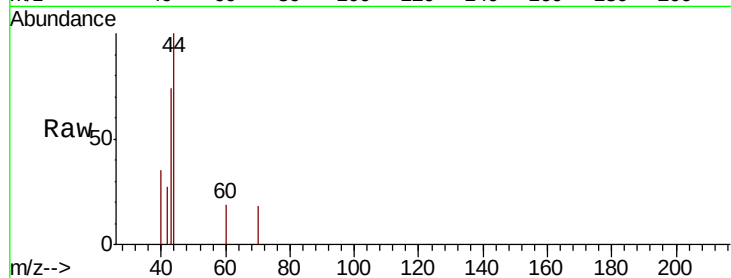
Ion Ratio Lower Upper

43 100

70 26.8 37.0 55.4#

55 9.3 21.3 31.9#

61 0.0 20.7 31.1#



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN051203.D

Acq: 14 Sep 2018 21:20

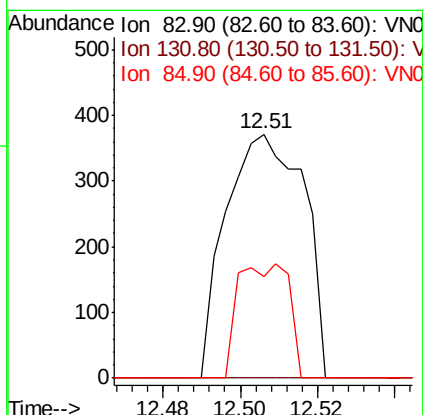
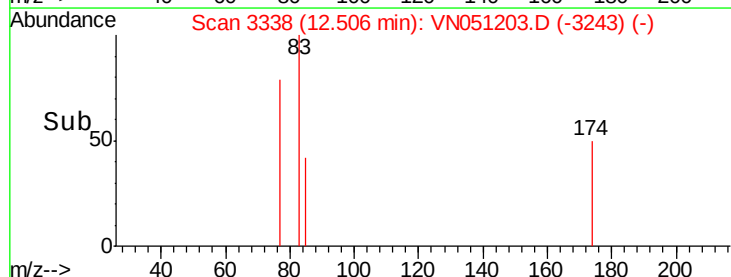
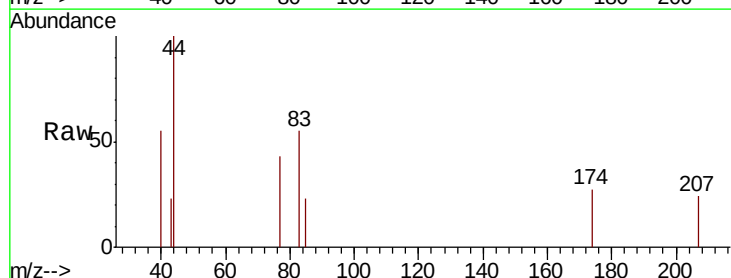
Tgt Ion: 83 Resp: 520

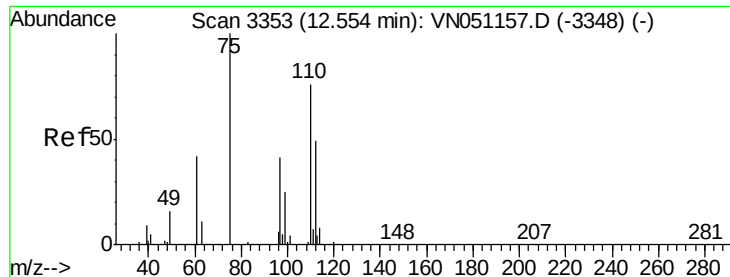
Ion Ratio Lower Upper

83 100

131 0.0 5.3 16.1#

85 30.2 32.3 96.8#





#76

1,2,3-Trichloropropane

Concen: 41.25 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN051203.D

Acq: 14 Sep 2018 21:20

Instrument :

MSVOA_N

ClientSampleId :

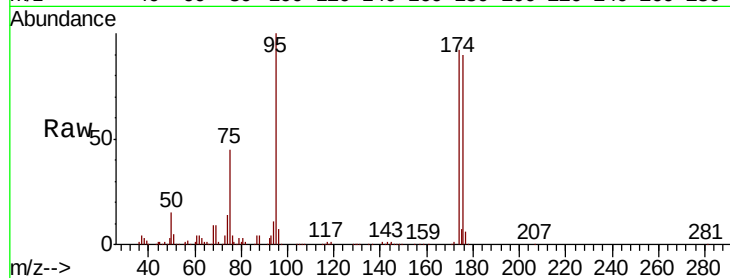
PB112829ZHE#08

Tot Ion: 75 Resp: 137842

Ion Ratio Lower Upper

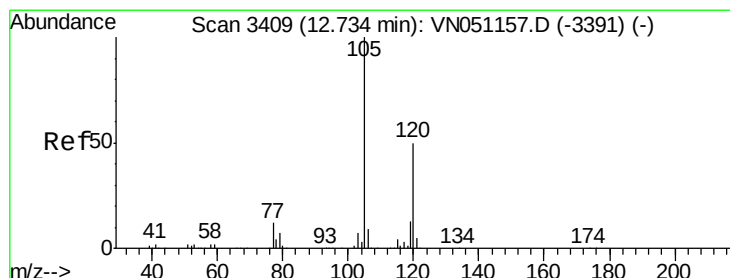
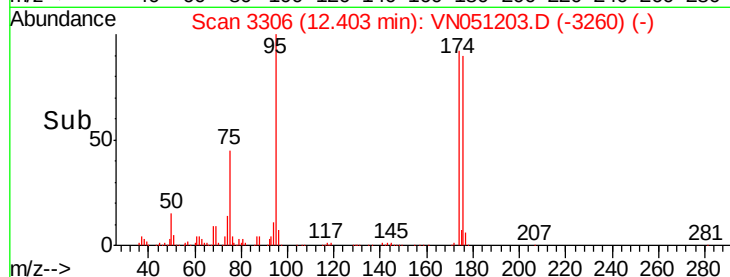
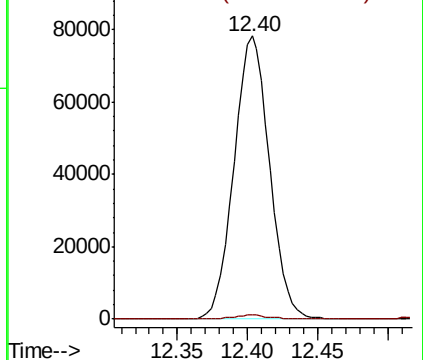
75 100

77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#80

1,3,5-Trimethylbenzene

Concen: 0.39 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN051203.D

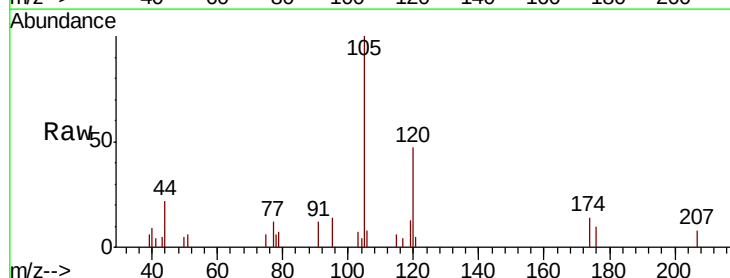
Acq: 14 Sep 2018 21:20

Tgt Ion: 105 Resp: 5660

Ion Ratio Lower Upper

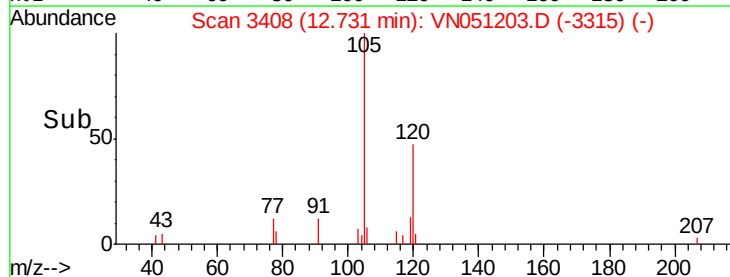
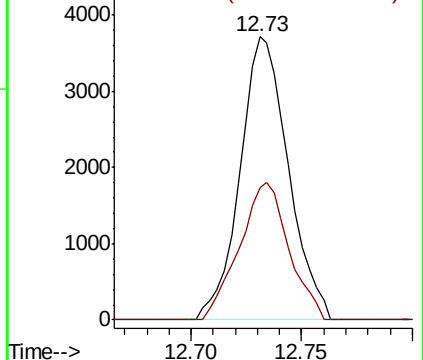
105 100

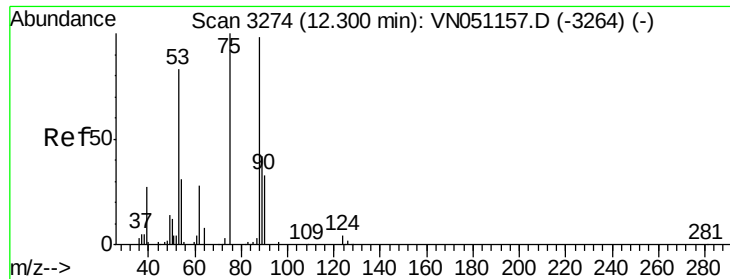
120 49.6 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 122.22 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN051203.D

Acq: 14 Sep 2018 21:20

Instrument :

MSVOA_N

ClientSampleId :

PB112829ZHE#08

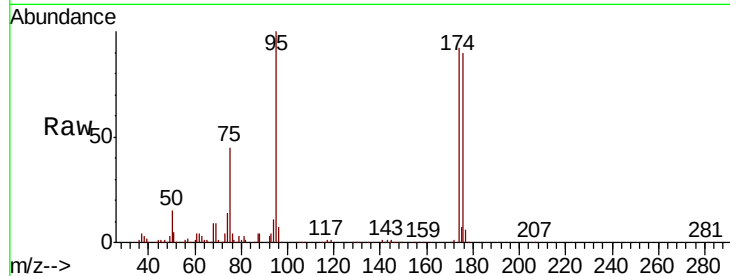
Tot Ion: 75 Resp: 137842

Ion Ratio Lower Upper

75 100

53 0.1 67.8 101.8#

89 0.0 36.0 54.0#

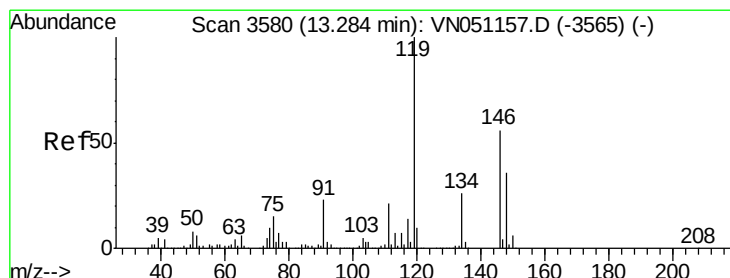
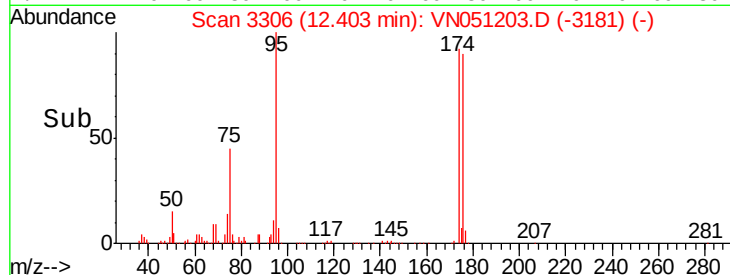
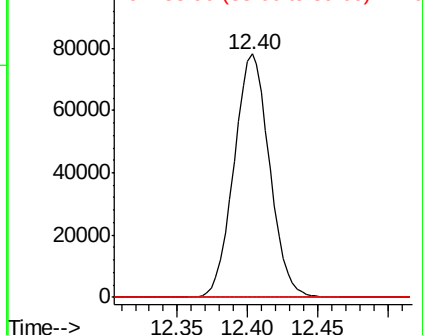


Abundance

Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#87

1,3-Dichlorobenzene

Concen: 0.27 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.01 min

Lab File: VN051203.D

Acq: 14 Sep 2018 21:20

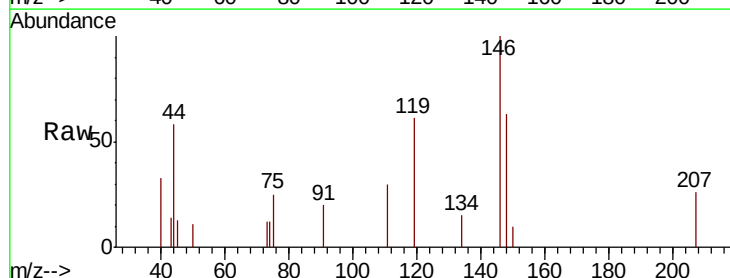
Tgt Ion: 146 Resp: 2216

Ion Ratio Lower Upper

146 100

111 33.2 19.1 57.1

148 64.2 32.2 96.6

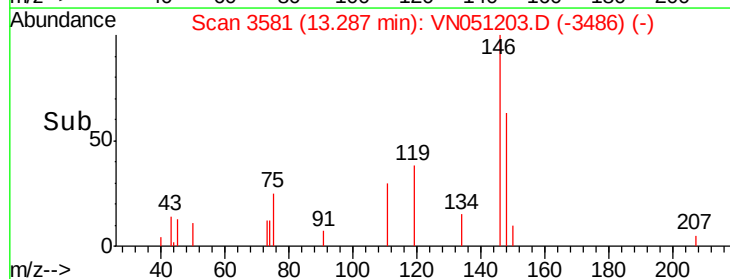
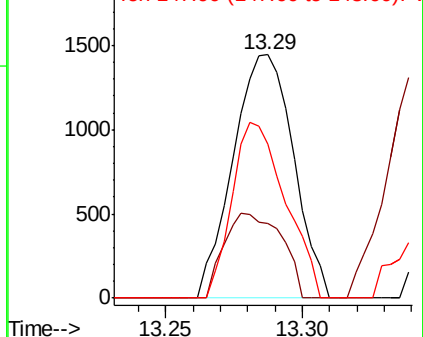


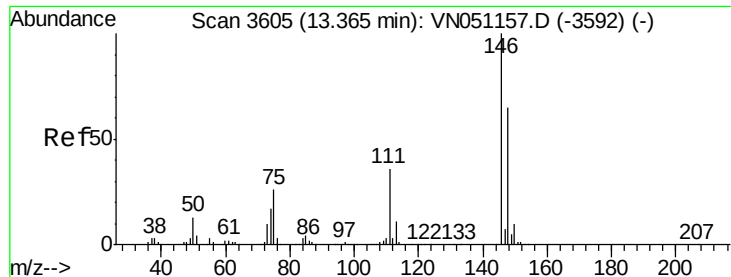
Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#88

1,4-Dichlorobenzene

Concen: 0.31 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.07 min

Lab File: VN051203.D

Acq: 14 Sep 2018 21:20

Instrument :

MSVOA_N

ClientSampleId :

PB112829ZHE#08

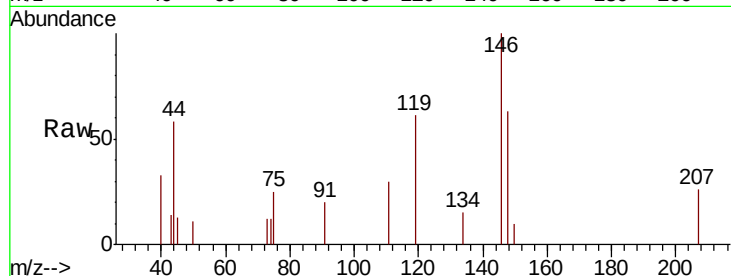
Tot Ion:146 Resp: 2216

Ion Ratio Lower Upper

146 100

111 33.2 18.4 55.0

148 64.2 32.2 96.6

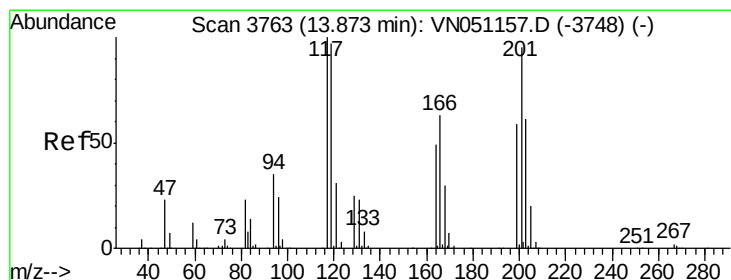
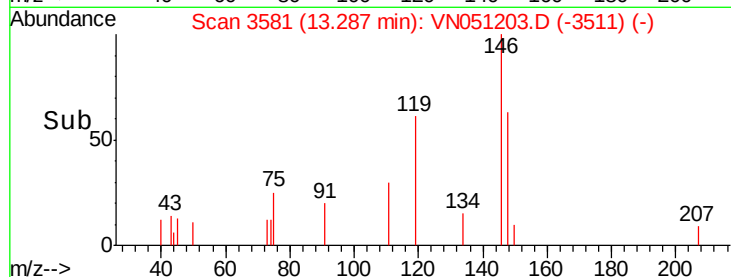
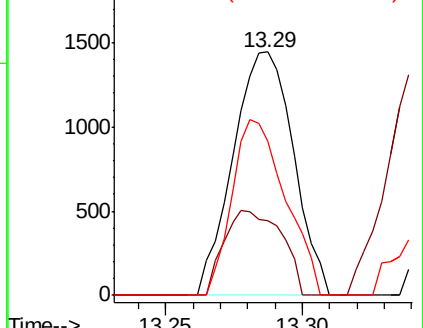


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#90

Hexachloroethane

Concen: Below Cal

RT: 13.88 min Scan# 3764

Delta R.T. 0.00 min

Lab File: VN051203.D

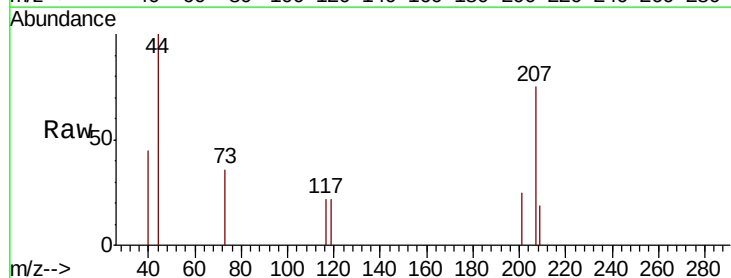
Acq: 14 Sep 2018 21:20

Tgt Ion:117 Resp: 138

Ion Ratio Lower Upper

117 100

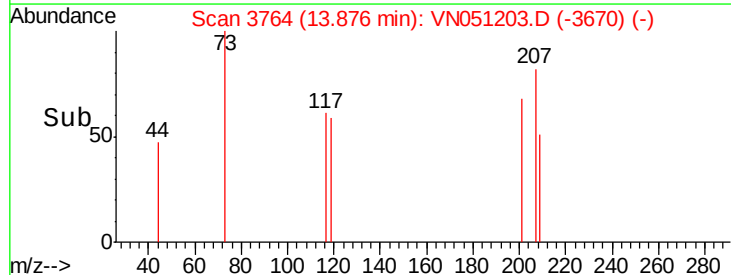
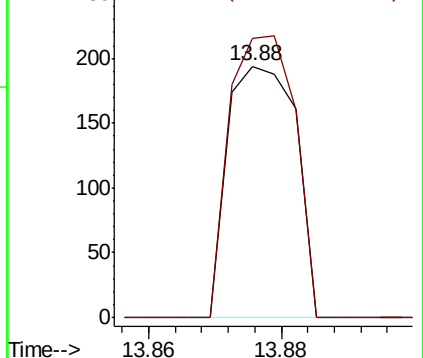
201 108.0 47.3 142.0

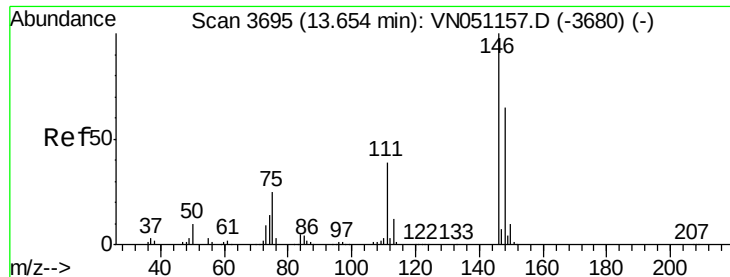


Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

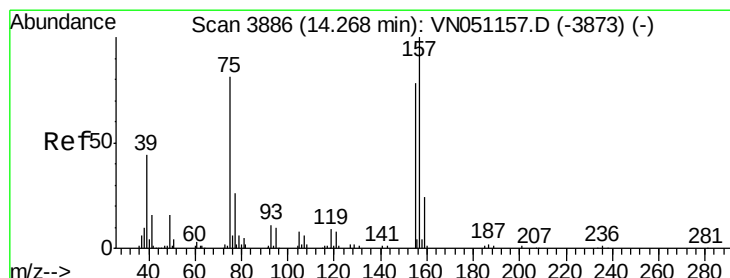
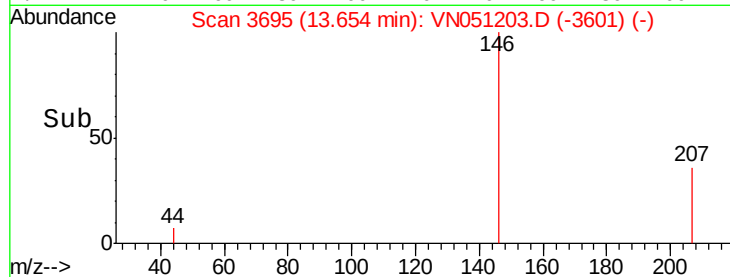
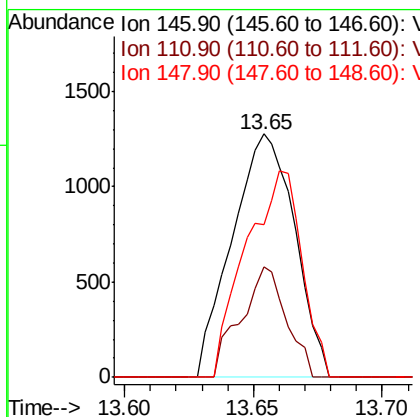
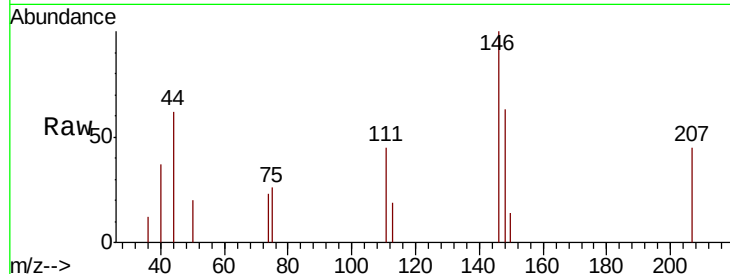




#91
 1,2-Dichlorobenzene
 Concen: 0.27 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN051203.D
 Acq: 14 Sep 2018 21:20

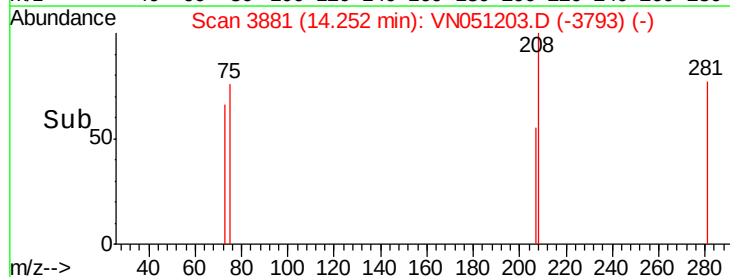
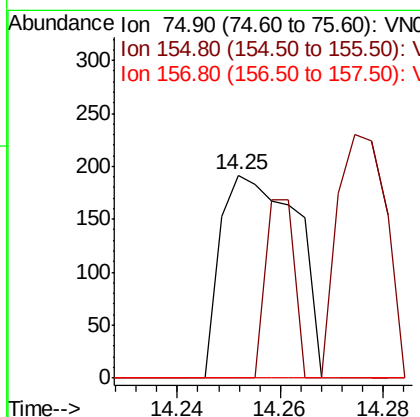
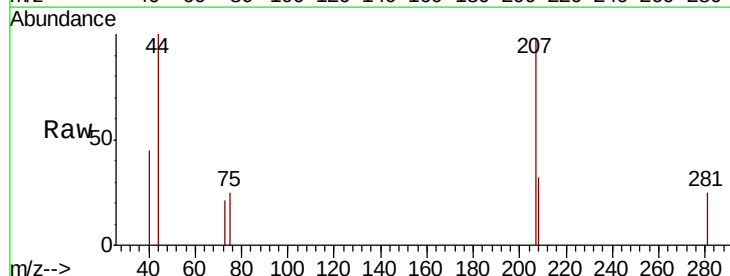
Instrument :
 MSVOA_N
 ClientSampleId :
 PB112829ZHE#08

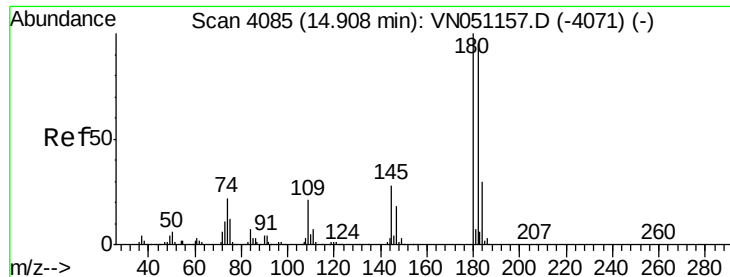
Tot Ion:146 Resp: 2162
 Ion Ratio Lower Upper
 146 100
 111 33.2 19.7 59.0
 148 76.0 32.1 96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.97 ug/l
 RT: 14.25 min Scan# 3881
 Delta R.T. -0.02 min
 Lab File: VN051203.D
 Acq: 14 Sep 2018 21:20

Tgt Ion: 75 Resp: 195
 Ion Ratio Lower Upper
 75 100
 155 33.3 48.7 146.1#
 157 0.0 63.6 190.9#

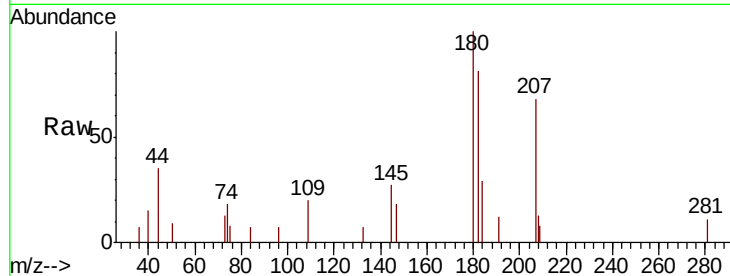




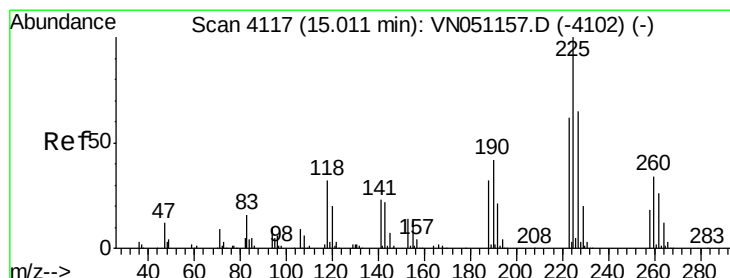
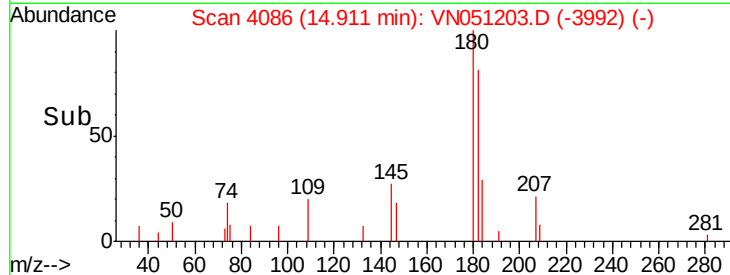
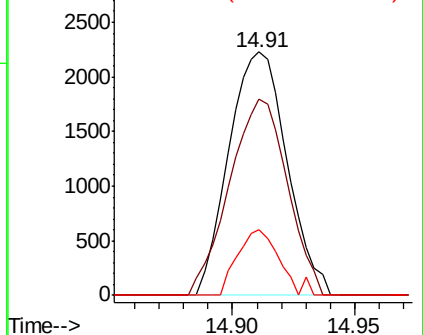
#93
 1,2,4-Trichlorobenzene
 Concen: 4.86 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN051203.D
 Acq: 14 Sep 2018 21:20

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112829ZHE#08

Tot Ion:180 Resp: 3678
 Ion Ratio Lower Upper
 180 100
 182 80.5 47.3 141.8
 145 19.4 14.2 42.6

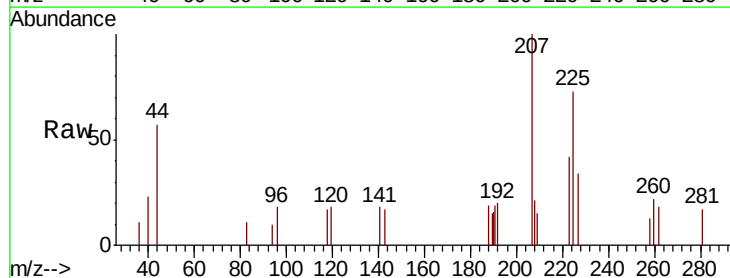


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

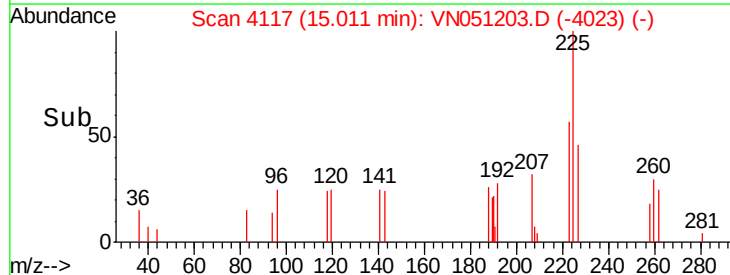
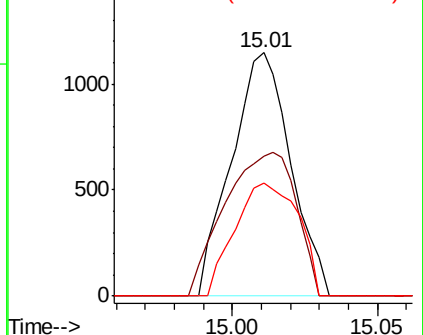


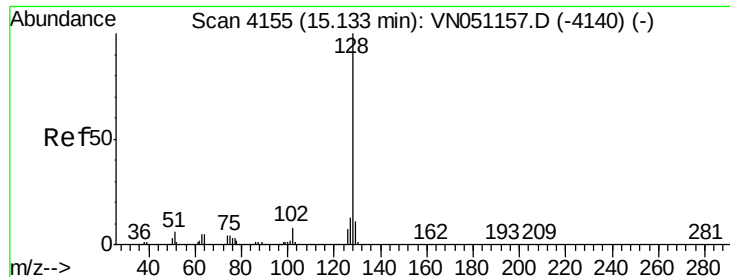
#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN051203.D
 Acq: 14 Sep 2018 21:20

Tgt Ion:225 Resp: 1628
 Ion Ratio Lower Upper
 225 100
 223 71.4 31.4 94.0
 227 49.8 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

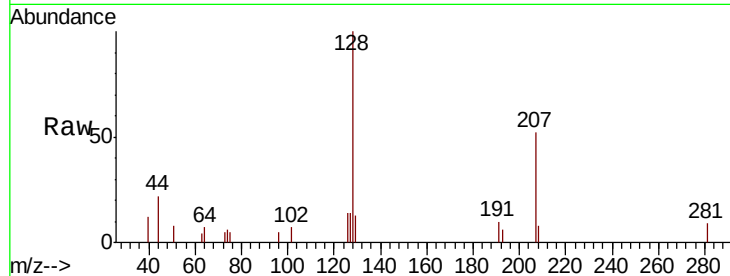




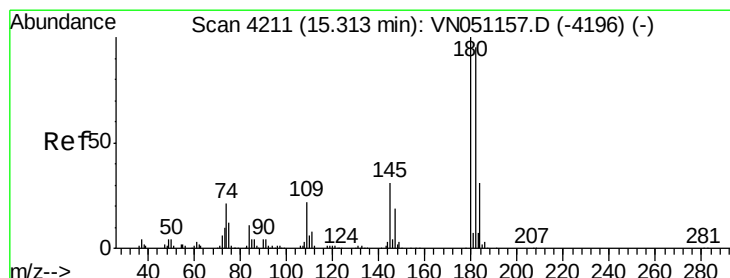
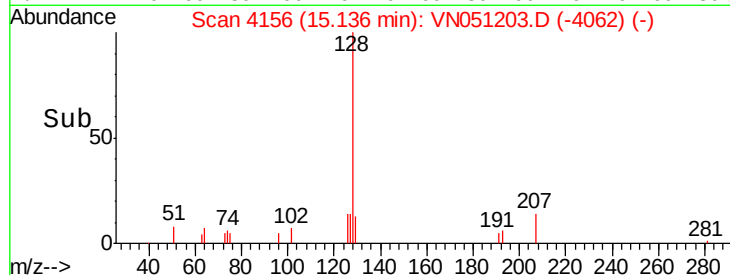
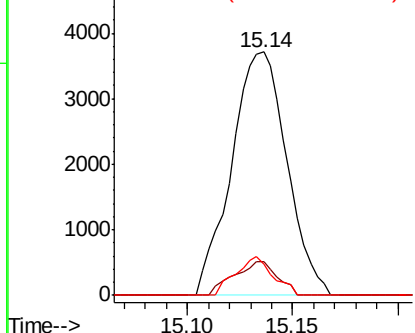
#95
Naphthalene
Concen: 6.09 ug/l
RT: 15.14 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN051203.D
Acq: 14 Sep 2018 21:20

Instrument :
MSVOA_N
ClientSampleId :
PB112829ZHE#08

Tot Ion:128 Resp: 6755
Ion Ratio Lower Upper
128 100
127 10.9 10.6 15.8
129 10.7 8.6 12.8

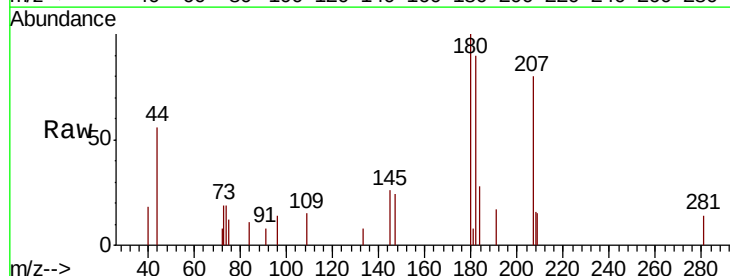


Abundance Ion 128.00 (127.70 to 128.70): V
5000 Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 3.86 ug/l
RT: 15.32 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN051203.D
Acq: 14 Sep 2018 21:20

Tgt Ion:180 Resp: 3583
Ion Ratio Lower Upper
180 100
182 93.8 47.8 143.3
145 29.4 14.6 43.8



Abundance Ion 179.80 (179.50 to 180.50): V
2500 Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

