

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121118\
 Data File : VN052800.D
 Acq On : 11 Dec 2018 14:22
 Operator : MD\SY
 Sample : PB115504ZHE#05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB115504ZHE#05

Quant Time: Dec 12 00:28:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 03 03:24:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1215018	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1899313	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1683692	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	686175	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	644394	48.71	ug/l	0.00
Spiked Amount			Recovery	=	97.42%	
35) Dibromofluoromethane	7.59	113	530280	45.29	ug/l	0.00
Spiked Amount			Recovery	=	90.58%	
50) Toluene-d8	10.09	98	2317115	50.84	ug/l	0.00
Spiked Amount			Recovery	=	101.68%	
62) 4-Bromofluorobenzene	12.40	95	749242	48.92	ug/l	0.00
Spiked Amount			Recovery	=	97.84%	

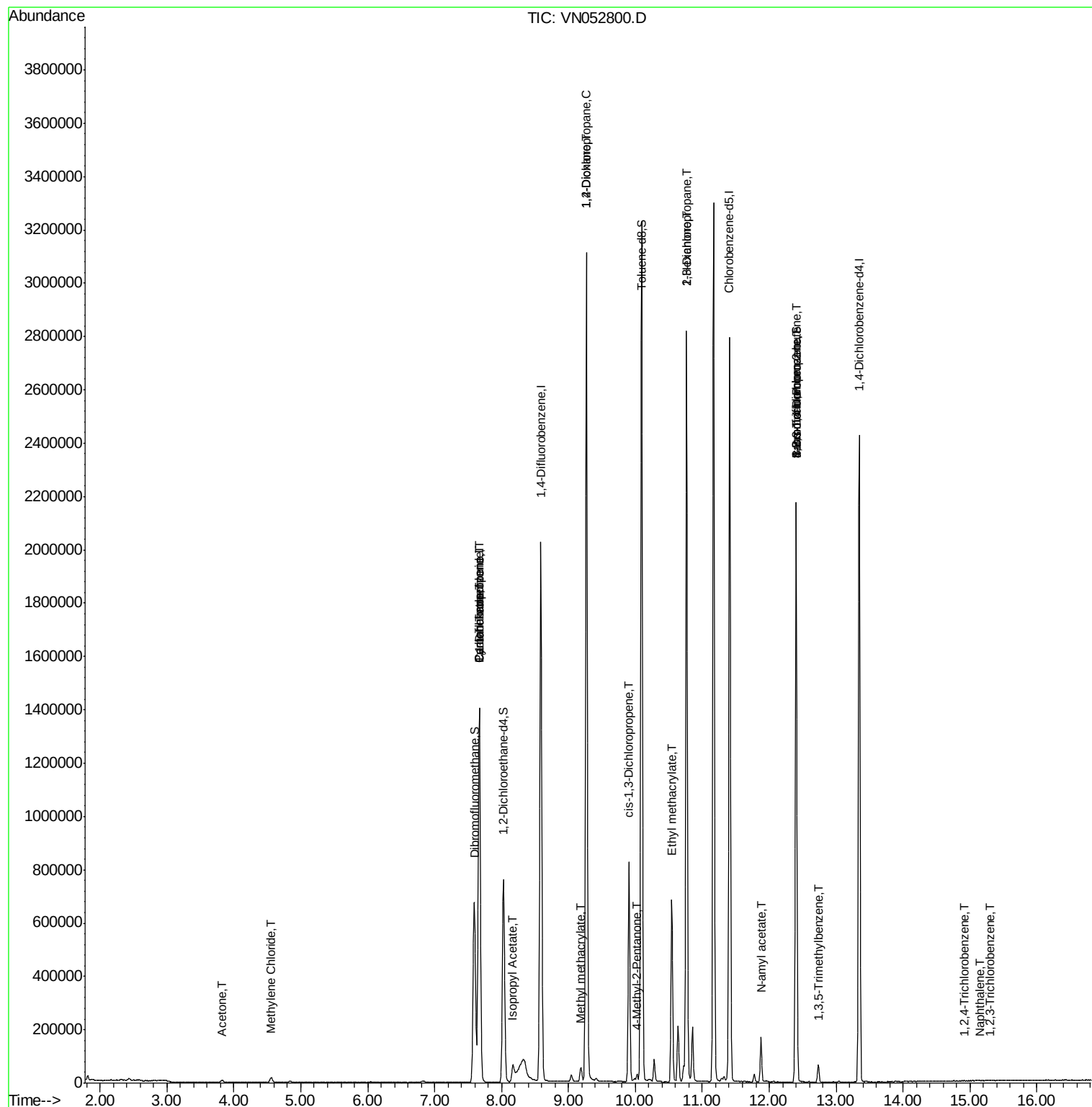
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	16530	4.737	ug/l	97
20) Methylene Chloride	4.55	84	13696	1.003	ug/l	94
31) Cyclohexane	7.67	56	20421	0.535	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	82098	4.577	ug/l #	50
38) Carbon Tetrachloride	7.66	117	107618	6.628	ug/l #	16
43) Isopropyl Acetate	8.17	43	81246	4.386	ug/l #	76
45) 1,2-Dichloropropane	9.27	63	3835	0.270	ug/l #	43
48) Methyl methacrylate	9.18	41	19080	1.975	ug/l #	13
49) 1,4-Dioxane	9.27	88	304	3.033	ug/l #	1
51) 4-Methyl-2-Pentanone	10.02	43	23467	2.258	ug/l #	36
54) cis-1,3-Dichloropropene	9.90	75	153564	7.788	ug/l #	61
56) Ethyl methacrylate	10.55	69	1942	2.812	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	29215	1.481	ug/l #	43
59) 2-Hexanone	10.76	43	405696	58.160	ug/l #	51
71) Bromoform	12.40	173	4913	0.615	ug/l #	1
74) N-amyl acetate	11.88	43	52985	3.896	ug/l #	52
76) 1,2,3-Trichloropropane	12.40	75	357194	33.757	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	35686	0.831	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.40	75	357194	112.734	ug/l #	11
93) 1,2,4-Trichlorobenzene	14.91	180	209	2.846	ug/l #	54
95) Naphthalene	15.14	128	980	3.464	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.32	180	131	2.738	ug/l #	12

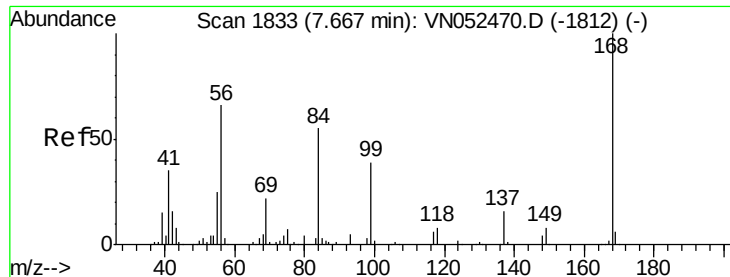
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN121118\
Data File : VN052800.D
Acq On : 11 Dec 2018 14:22
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Sample : PB115504ZHE#05
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 11 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
PB115504ZHE#05

Quant Time: Dec 12 00:28:04 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
Quant Title : SW846 8260
QLast Update : Mon Dec 03 03:24:02 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN052800.D

Acq: 11 Dec 2018 14:22

Instrument :

MSVOA_N

ClientSampleId :

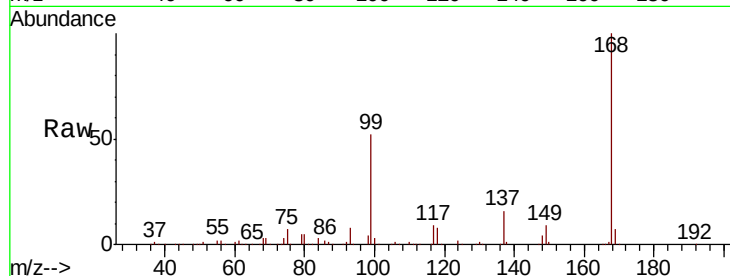
PB115504ZHE#05

Tot Ion:168 Resp: 1215018

Ion Ratio Lower Upper

168 100

99 51.6 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): VN052800.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN052800.D (-1740) (-)

7.67

600000

500000

400000

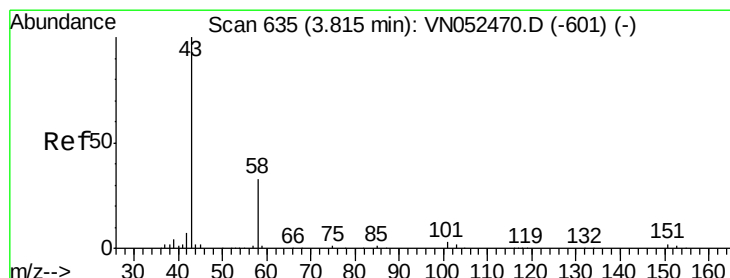
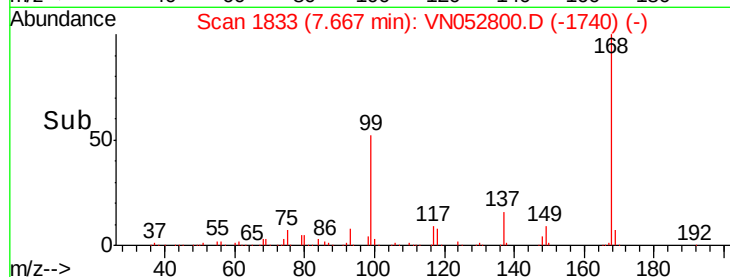
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 4.737 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN052800.D

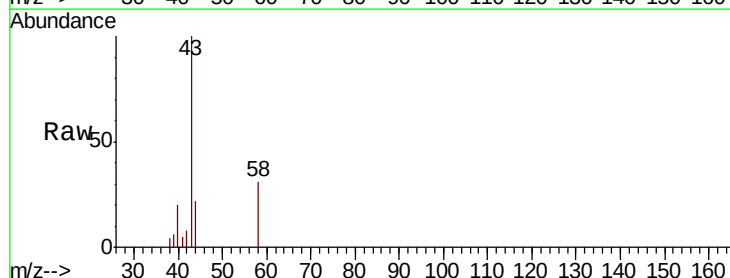
Acq: 11 Dec 2018 14:22

Tgt Ion: 43 Resp: 16530

Ion Ratio Lower Upper

43 100

58 30.6 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VN052800.D (-542) (-)

Ion 58.00 (57.70 to 58.70): VN052800.D (-542) (-)

3.82

6000

5000

4000

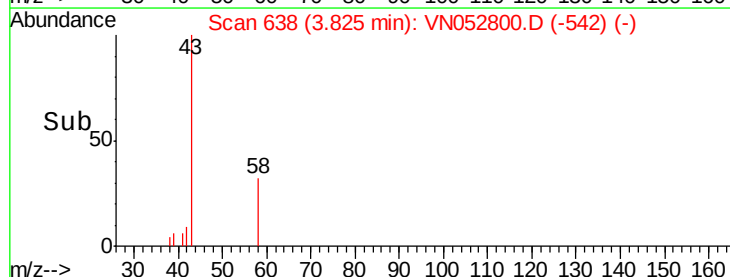
3000

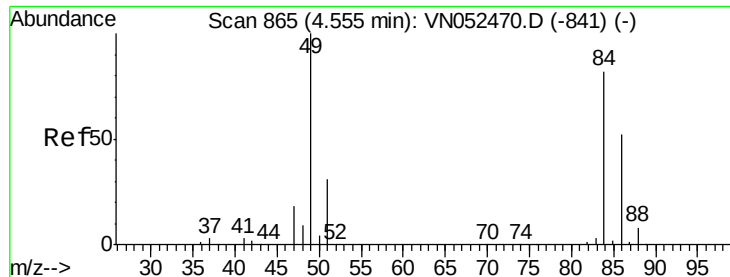
2000

1000

0

Time-->

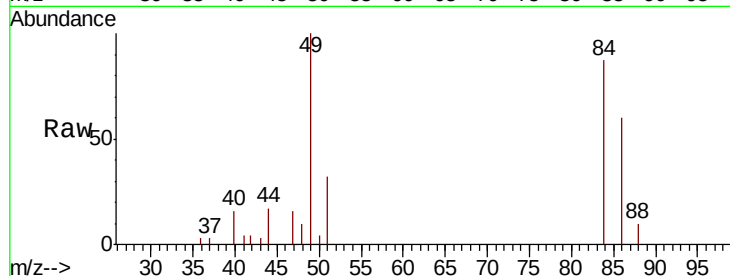




#20
Methvlene Chloride
Concen: 1.003 ug/l
RT: 4.55 min Scan# 865
Delta R.T. -0.00 min
Lab File: VN052800.D
Acq: 11 Dec 2018 14:22

Instrument :
MSVOA_N
ClientSampleId :
PB115504ZHE#05

Tot Ion:	84	Resp:	13696
Ion	Ratio	Lower	Upper
84	100		
49	114.3	98.0	147.0
51	36.5	30.1	45.1
86	68.1	50.7	76.1



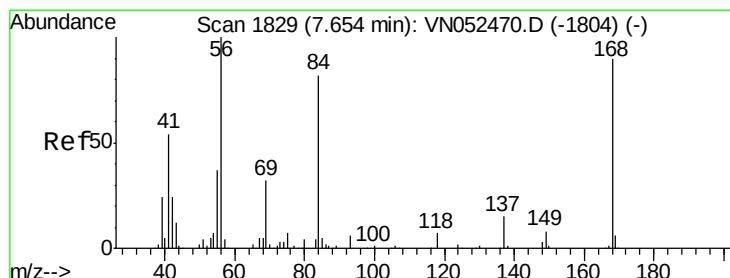
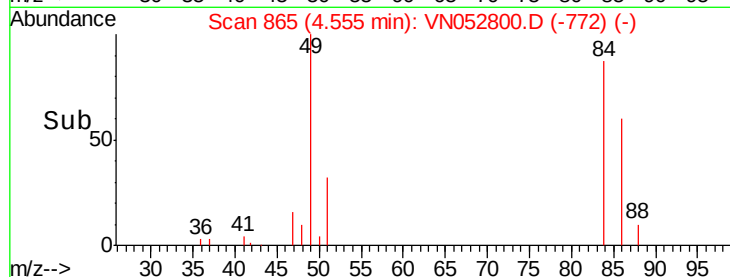
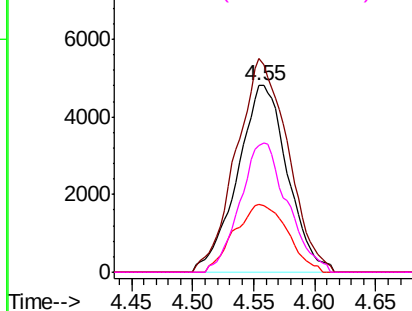
Abundance

Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

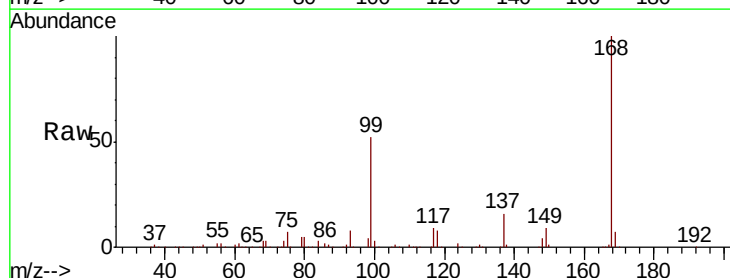
Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#31
Cyclohexane
Concen: 0.535 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN052800.D
Acq: 11 Dec 2018 14:22

Tgt Ion:	56	Resp:	20421
Ion	Ratio	Lower	Upper
56	100		
69	167.0	25.8	38.6#
84	159.5	65.3	97.9#

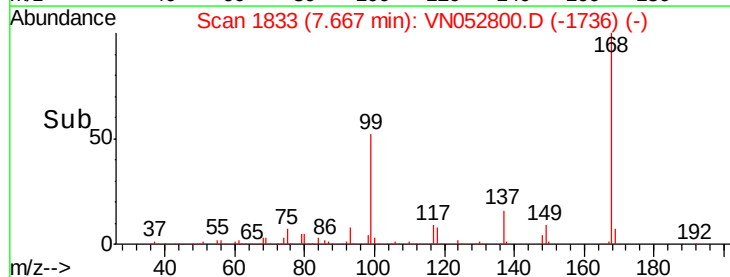
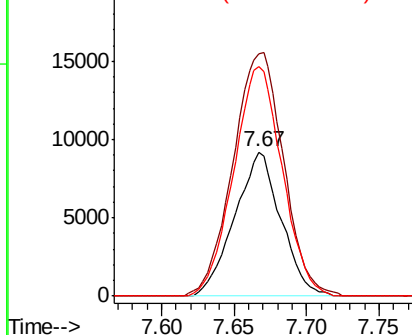


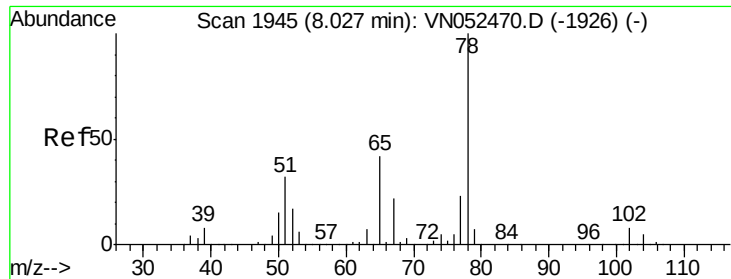
Abundance

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

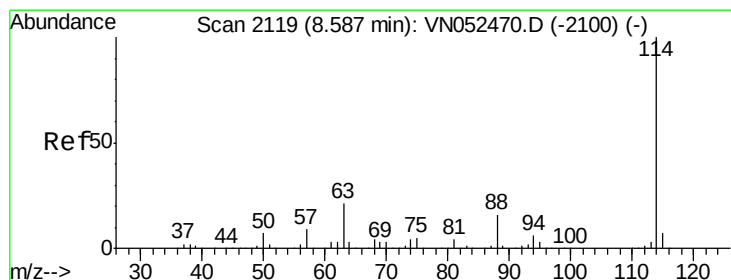
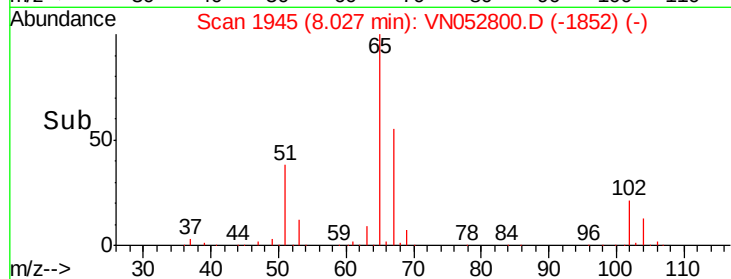
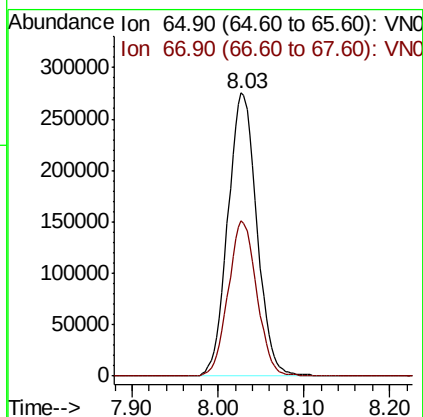
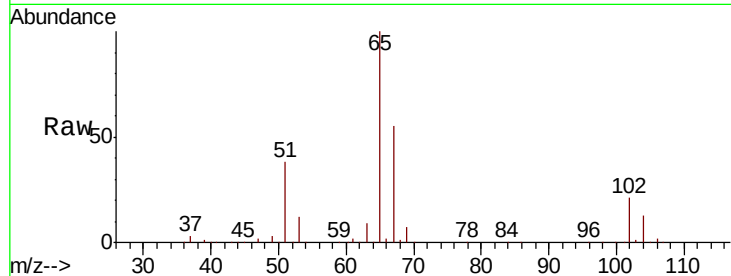




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN052800.D
 Acq: 11 Dec 2018 14:22

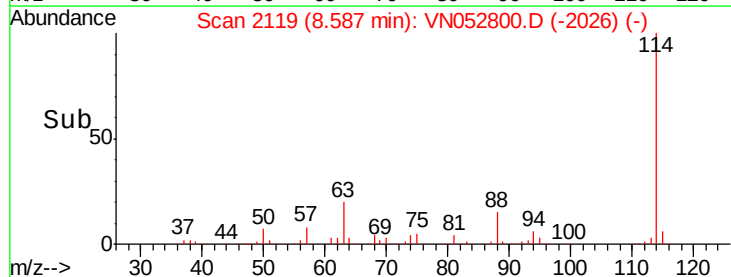
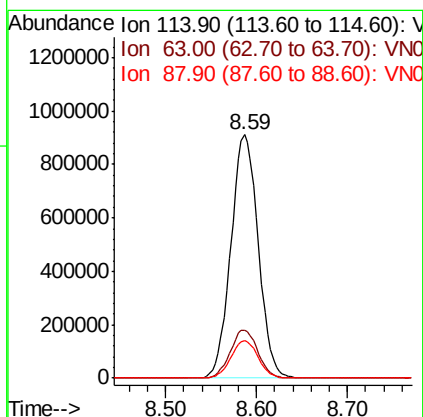
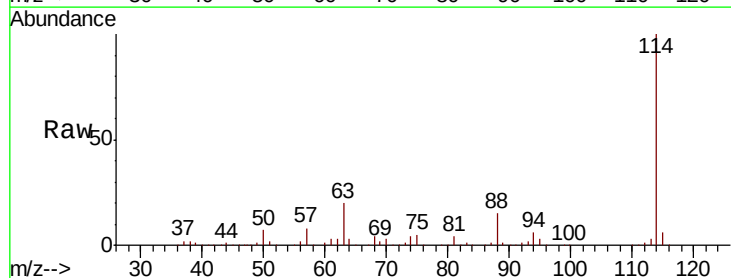
Instrument :
 MSVOA_N
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 PB115504ZHE#05

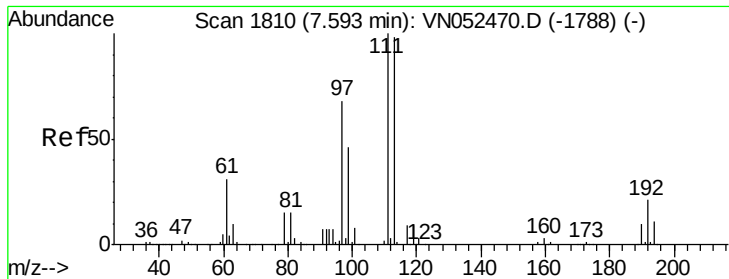
Tot Ion: 65 Resp: 644394
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 109.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN052800.D
 Acq: 11 Dec 2018 14:22

Tgt Ion: 114 Resp: 1899313
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 41.8
 88 15.4 0.0 31.6

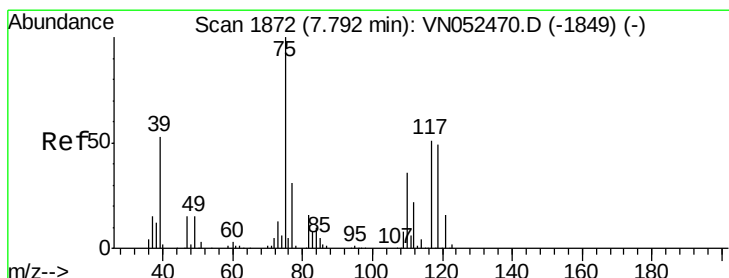
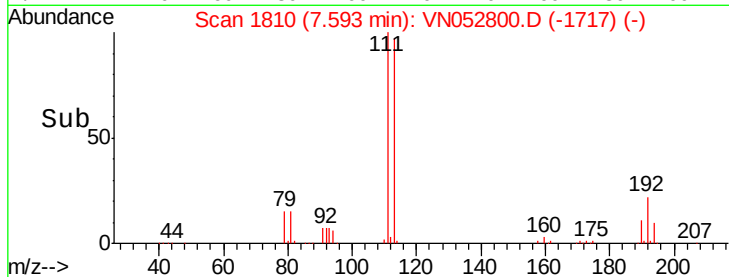
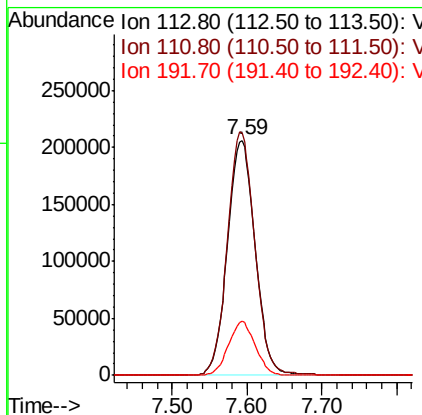
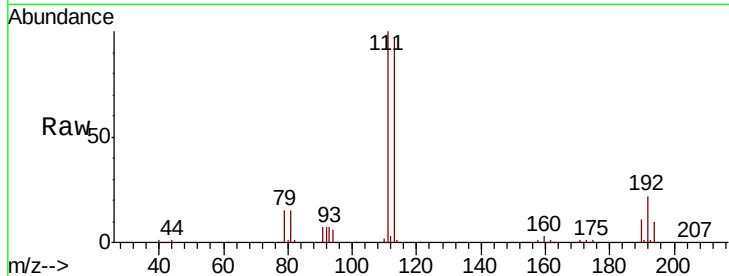




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN052800.D
 Acq: 11 Dec 2018 14:22

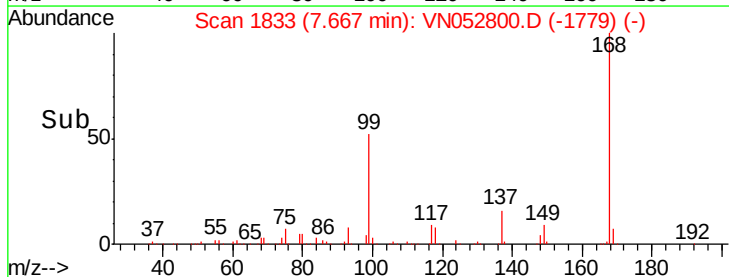
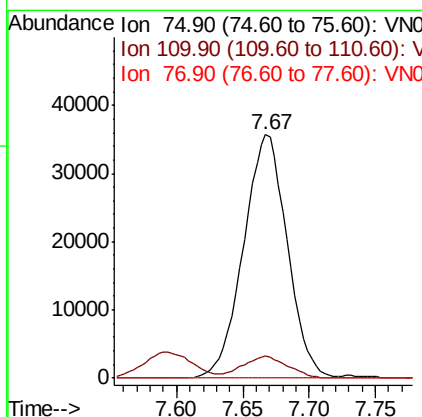
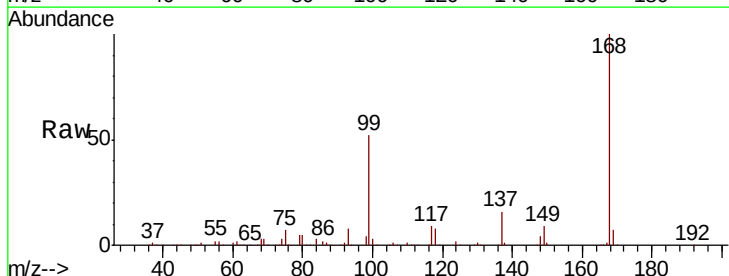
Instrument :
 MSVOA_N
 ClientSampleId :
 PB115504ZHE#05

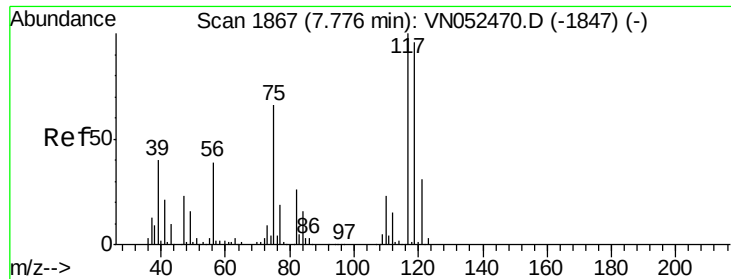
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.0	123.0
192	22.4	17.0	25.6



#36
 1,1-Dichloropropene
 Concen: 4.577 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN052800.D
 Acq: 11 Dec 2018 14:22

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.2	17.5	52.6#
77	0.0	24.5	36.7#





#38

Carbon Tetrachloride

Concen: 6.628 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.11 min

Lab File: VN052800.D

Acq: 11 Dec 2018 14:22

Instrument :

MSVOA_N

ClientSampleId :

PB115504ZHE#05

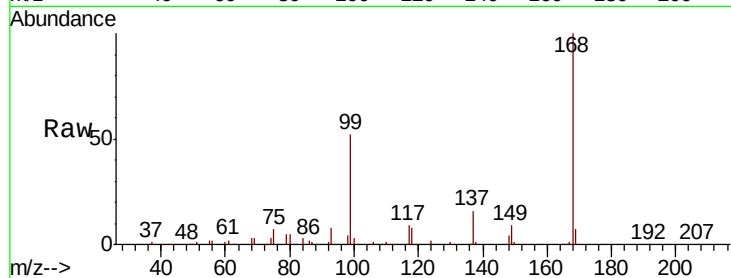
Tot Ion:117 Resp: 107618

Ion Ratio Lower Upper

117 100

119 4.9 76.8 115.2#

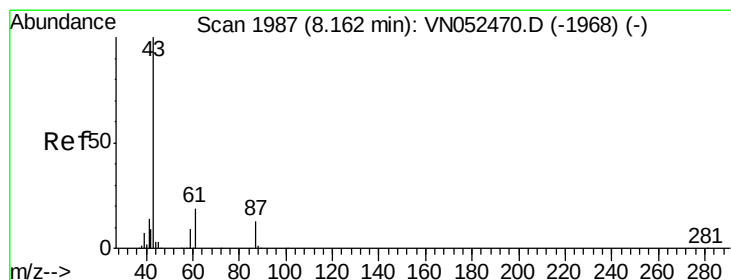
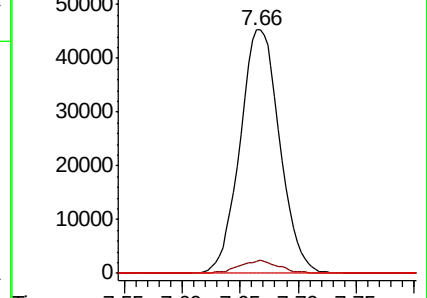
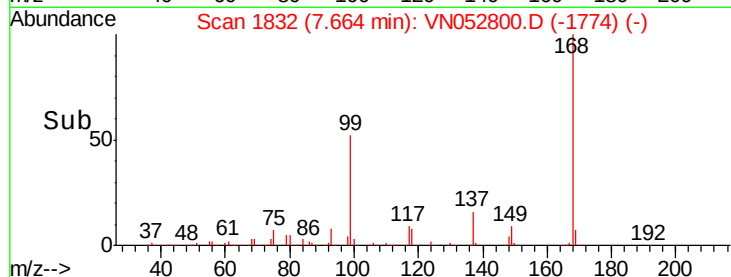
121 0.0 24.9 37.3#



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: 4.386 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN052800.D

Acq: 11 Dec 2018 14:22

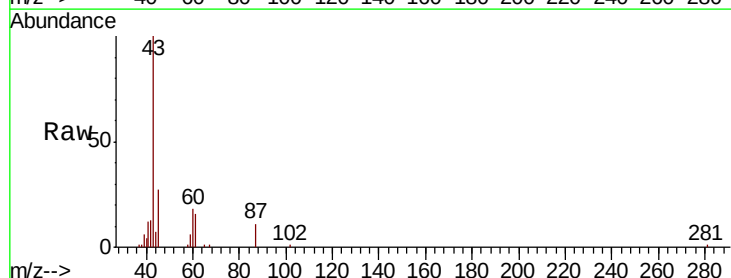
Tgt Ion: 43 Resp: 81246

Ion Ratio Lower Upper

43 100

61 14.0 24.1 36.1#

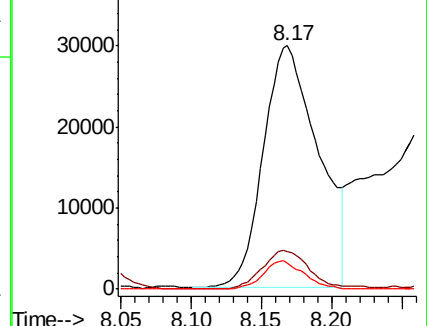
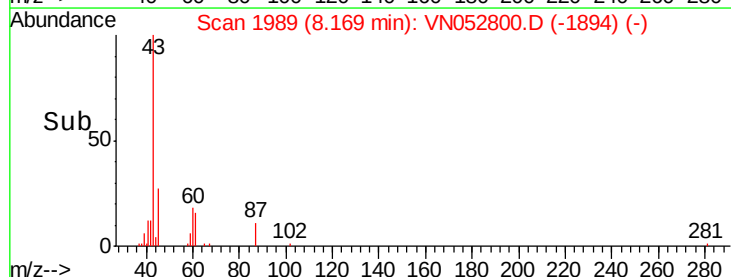
87 8.6 10.6 15.8#

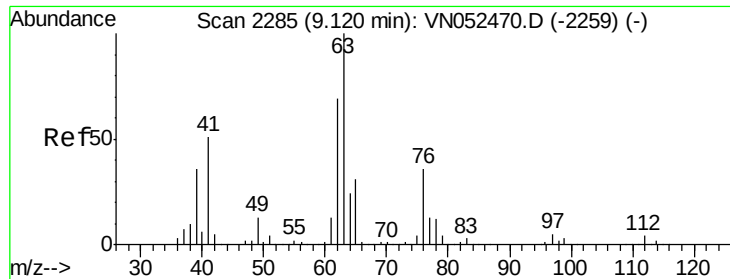


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V

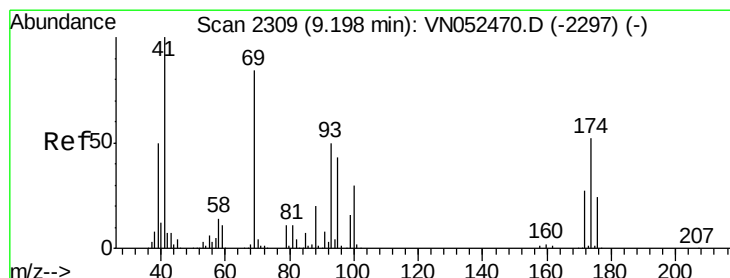
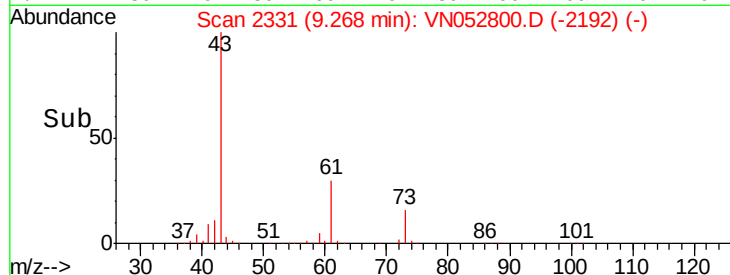
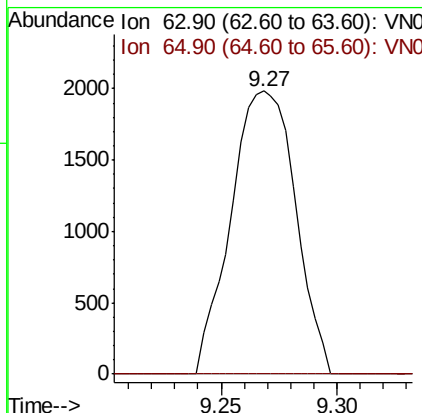
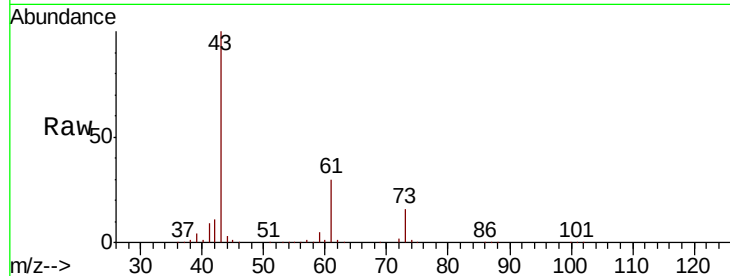




#45
 1,2-Dichloropropane
 Concen: 0.270 ug/l
 RT: 9.27 min Scan# 2331
 Delta R.T. 0.15 min
 Lab File: VN052800.D
 Acq: 11 Dec 2018 14:22

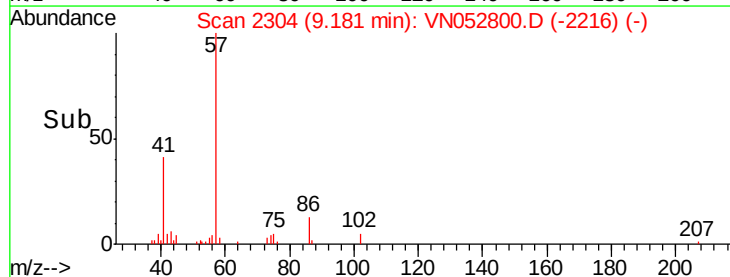
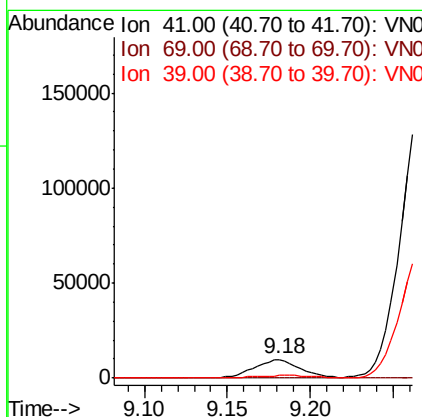
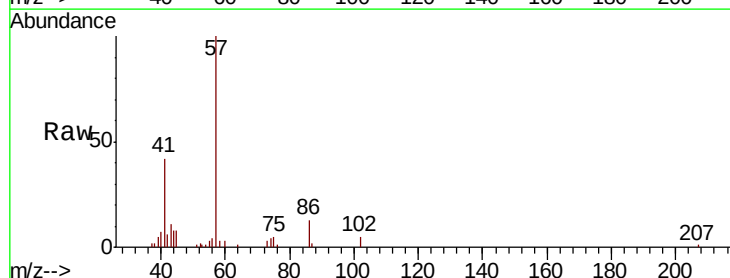
Instrument :
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 PB115504ZHE#05

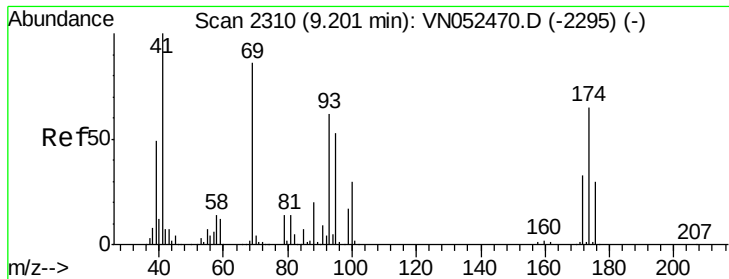
Tot Ion: 63 Resp: 3835
 Ion Ratio Lower Upper
 63 100
 65 0.0 25.0 37.6#



#48
 Methyl methacrylate
 Concen: 1.975 ug/l
 RT: 9.18 min Scan# 2304
 Delta R.T. -0.02 min
 Lab File: VN052800.D
 Acq: 11 Dec 2018 14:22

Tgt Ion: 41 Resp: 19080
 Ion Ratio Lower Upper
 41 100
 69 0.0 70.0 105.0#
 39 0.0 42.6 64.0#

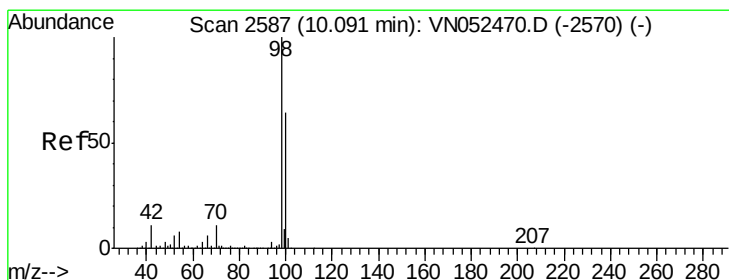
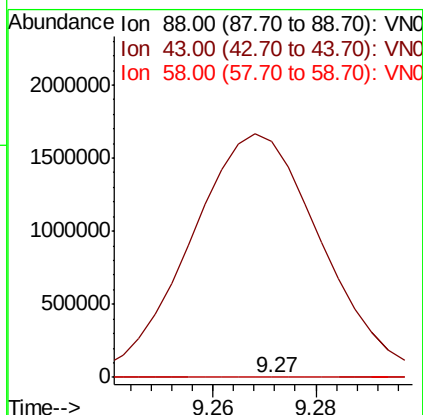
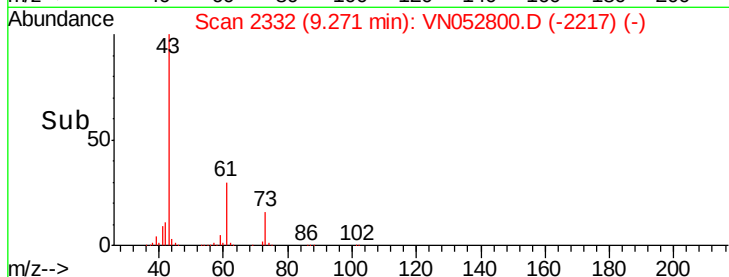
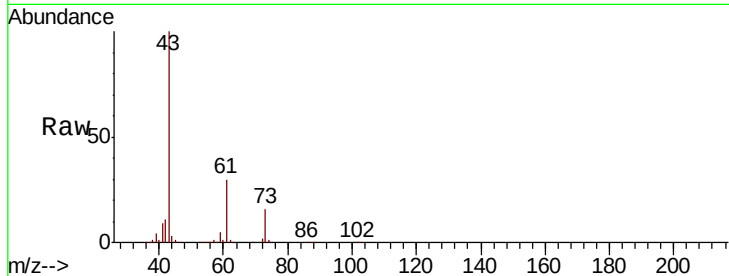




#49
 1,4-Dioxane
 Concen: 3.033 ug/l
 RT: 9.27 min Scan# 2332
 Delta R.T. 0.07 min
 Lab File: VN052800.D
 Acq: 11 Dec 2018 14:22

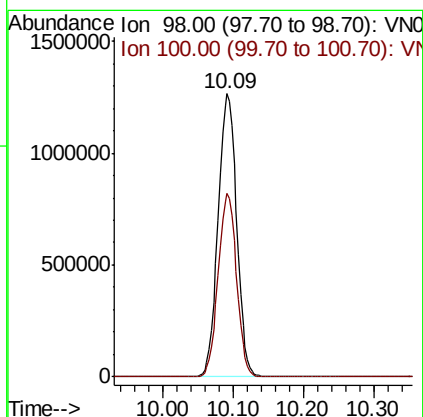
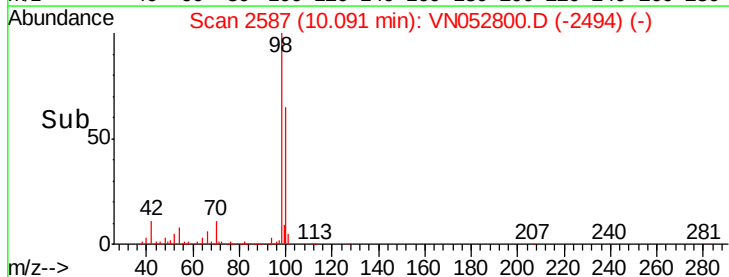
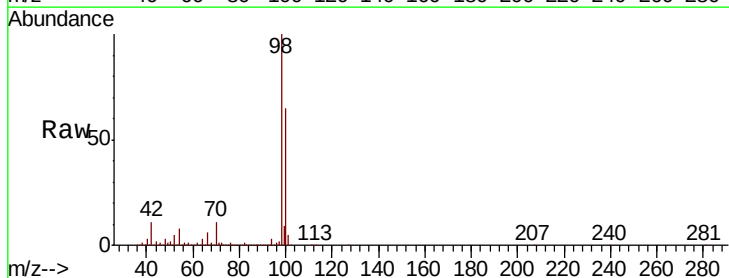
Instrument :
 MSVOA_N
 ClientSampleId :
 PB115504ZHE#05

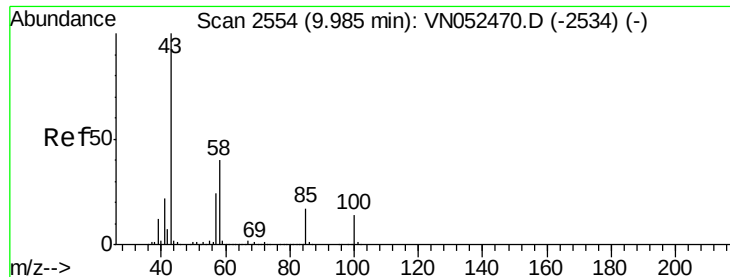
Tot Ion: 88 Resp: 304
 Ion Ratio Lower Upper
 88 100
 43 988886.2 26.4 39.6#
 58 4250.0 55.4 83.0#



#50
 Toluene-d8
 Concen: 3.033 ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. -0.00 min
 Lab File: VN052800.D
 Acq: 11 Dec 2018 14:22

Tgt Ion: 98 Resp: 2317115
 Ion Ratio Lower Upper
 98 100
 100 64.1 51.3 76.9





#51

4-Methyl-2-Pentanone

Concen: 2.258 ug/l

RT: 10.02 min Scan# 2566

Delta R.T. 0.04 min

Lab File: VN052800.D

Acq: 11 Dec 2018 14:22

Instrument :

MSVOA_N

ClientSampleId :

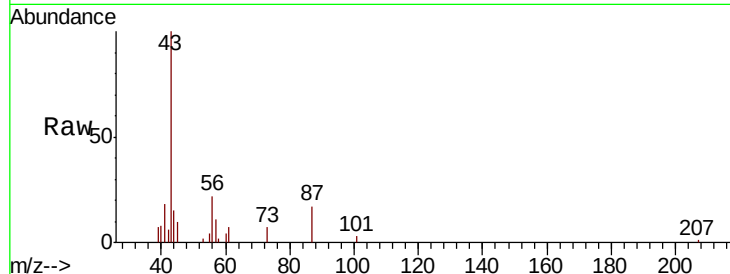
PB115504ZHE#05

Tot Ion: 43 Resp: 23467

Ion Ratio Lower Upper

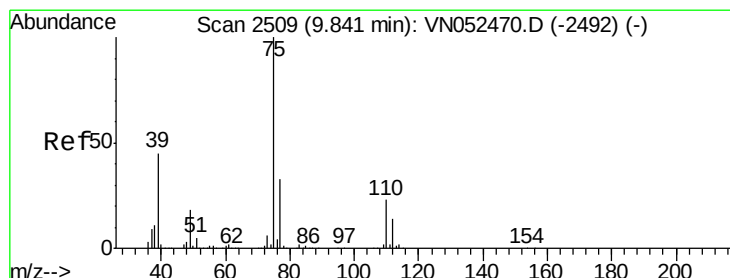
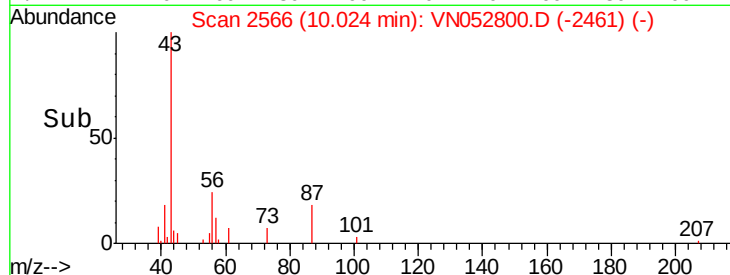
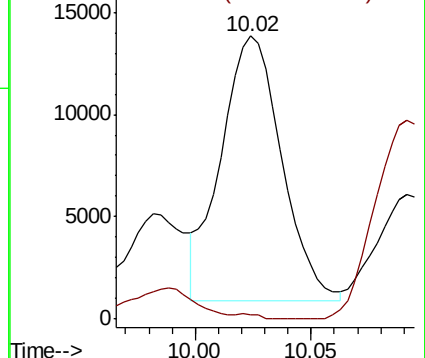
43 100

58 0.0 31.5 47.3#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#54

cis-1,3-Dichloropropene

Concen: 7.788 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN052800.D

Acq: 11 Dec 2018 14:22

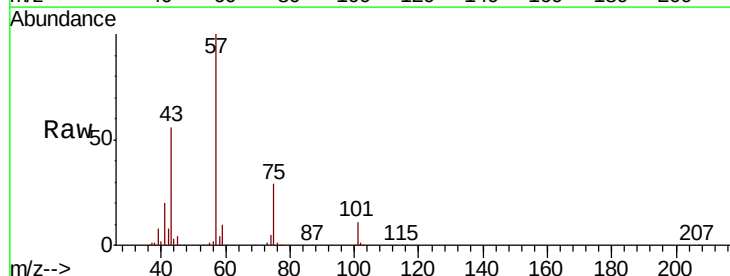
Tgt Ion: 75 Resp: 153564

Ion Ratio Lower Upper

75 100

77 0.5 26.2 39.2#

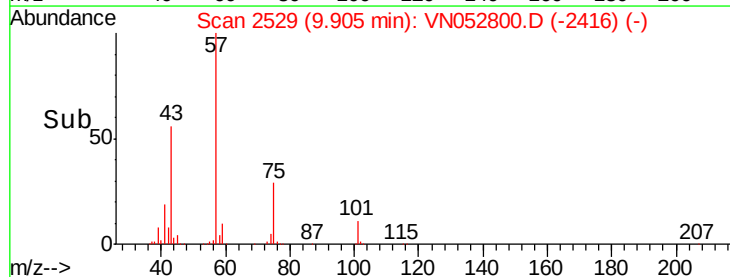
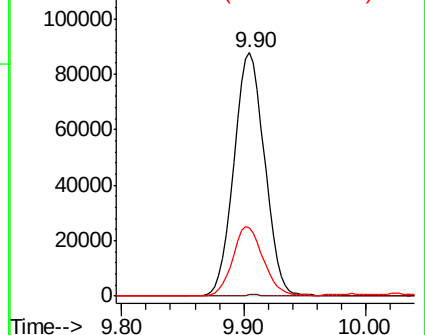
39 28.2 36.0 54.0#

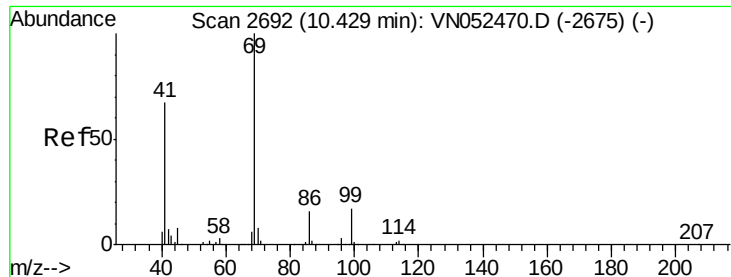


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#56

Ethyl methacrylate

Concen: 2.812 ug/l

RT: 10.55 min Scan# 2729

Delta R.T. 0.12 min

Lab File: VN052800.D

Acq: 11 Dec 2018 14:22

Instrument :

MSVOA_N

ClientSampleId :

PB115504ZHE#05

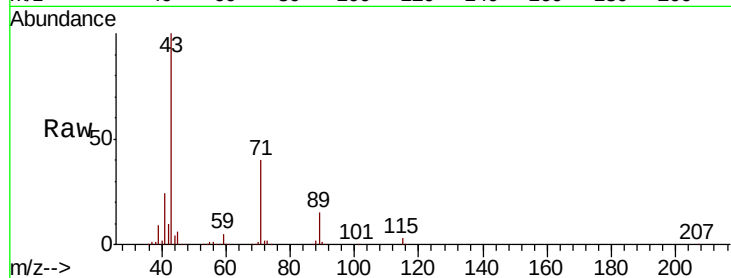
Tot Ion: 69 Resp: 1942

Ion Ratio Lower Upper

69 100

41 6299.2 52.6 79.0#

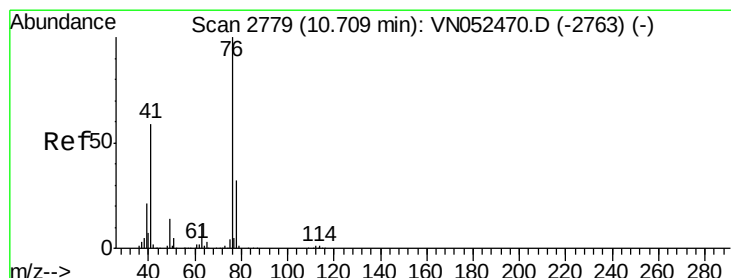
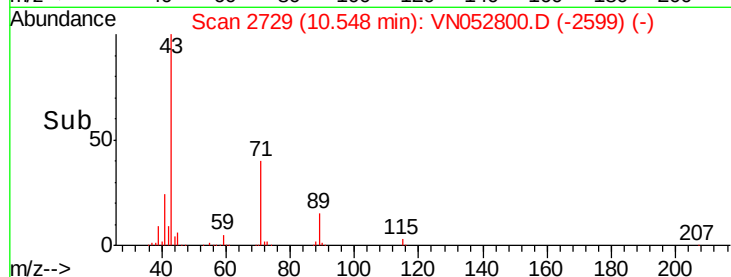
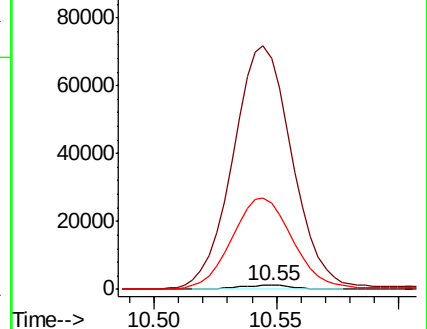
39 2426.7 25.9 38.9#



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



#57

1,3-Dichloropropane

Concen: 1.481 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.05 min

Lab File: VN052800.D

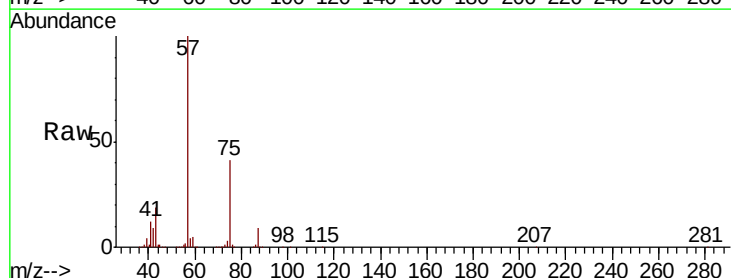
Acq: 11 Dec 2018 14:22

Tgt Ion: 76 Resp: 29215

Ion Ratio Lower Upper

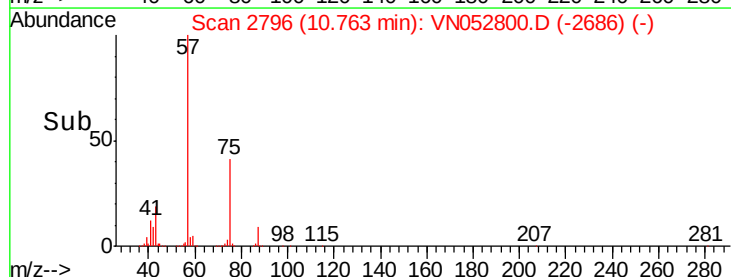
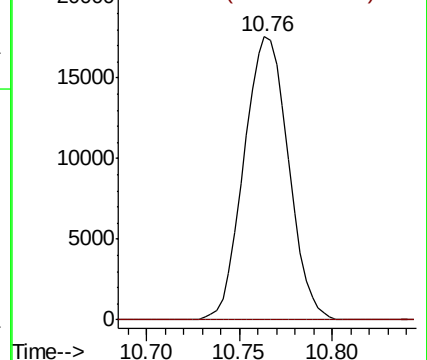
76 100

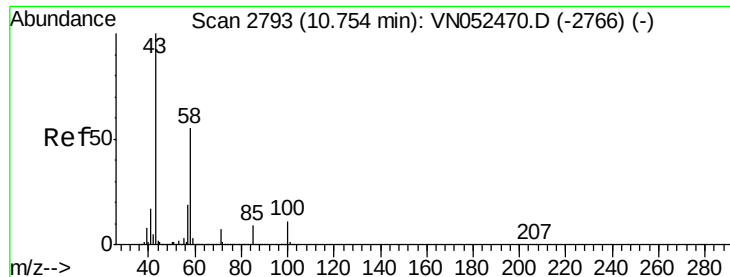
78 0.0 25.6 38.4#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0





#59

2-Hexanone

Concen: 58.160 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.01 min

Lab File: VN052800.D

Acq: 11 Dec 2018 14:22

Instrument :

MSVOA_N

ClientSampleId :

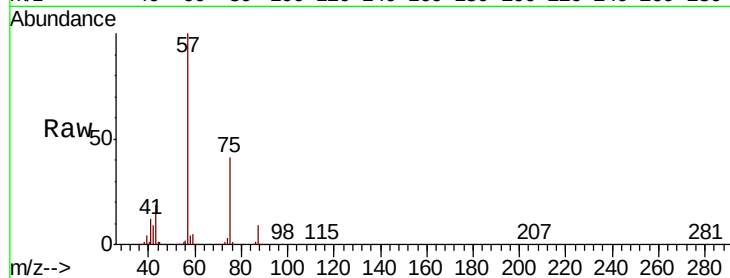
PB115504ZHE#05

Tot Ion: 43 Resp: 405696

Ion Ratio Lower Upper

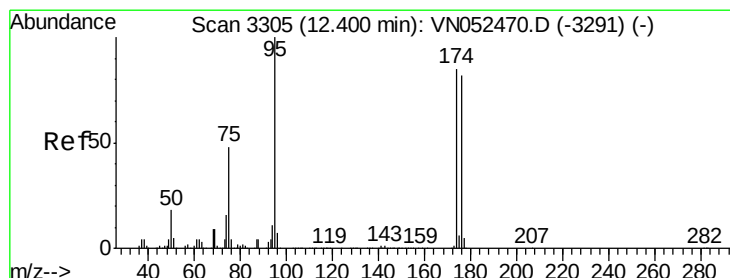
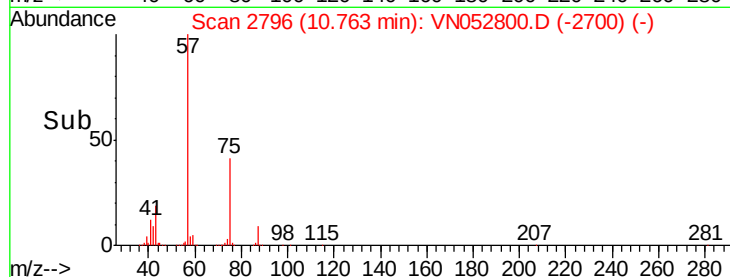
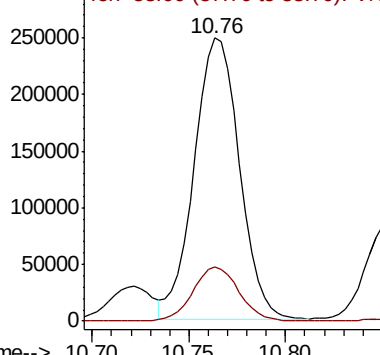
43 100

58 19.5 27.4 82.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN052800.D

Acq: 11 Dec 2018 14:22

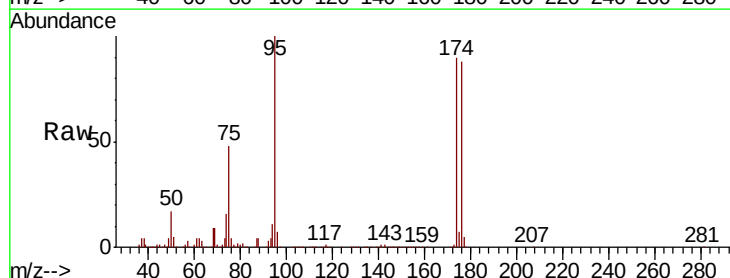
Tgt Ion: 95 Resp: 749242

Ion Ratio Lower Upper

95 100

174 89.3 0.0 173.0

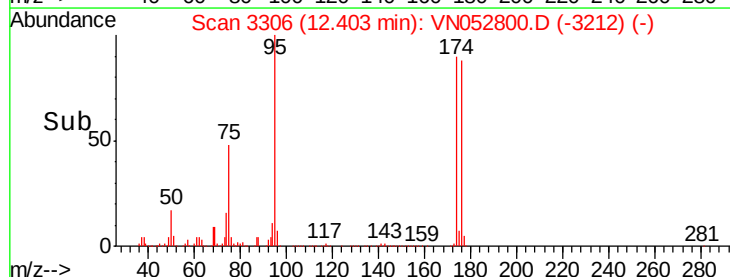
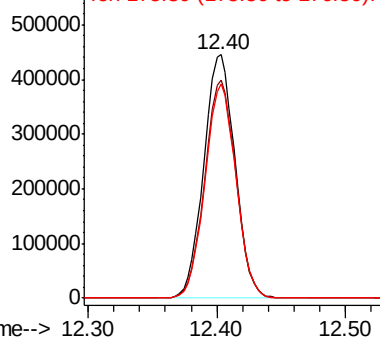
176 87.1 0.0 166.2

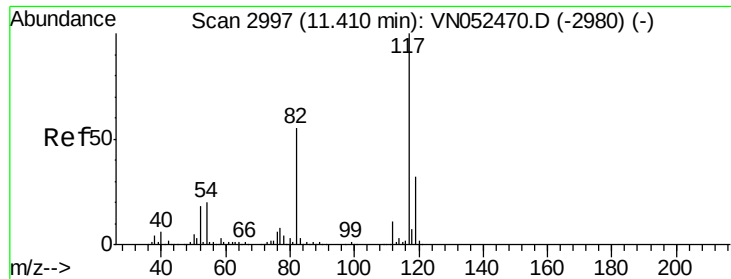


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

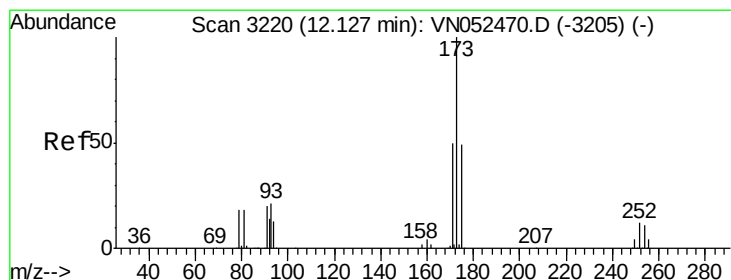
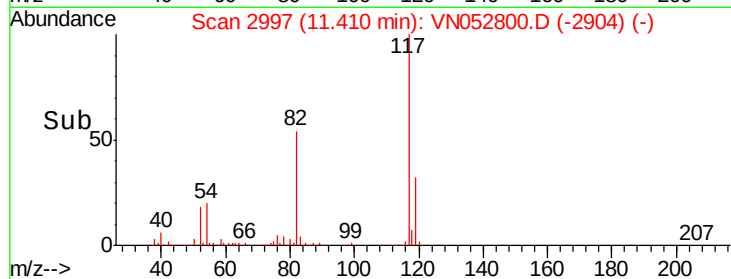
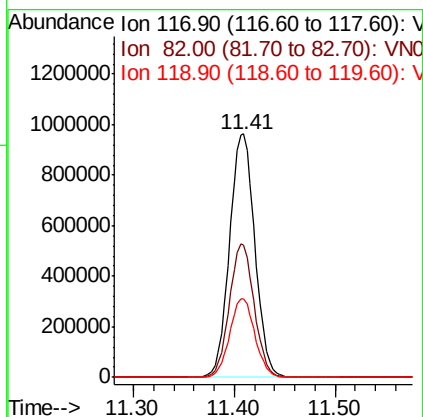
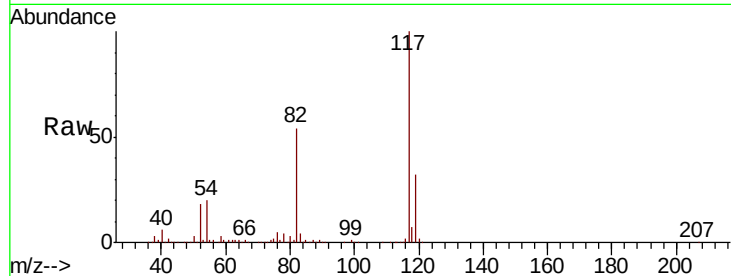




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. -0.00 min
Lab File: VN052800.D
Acq: 11 Dec 2018 14:22

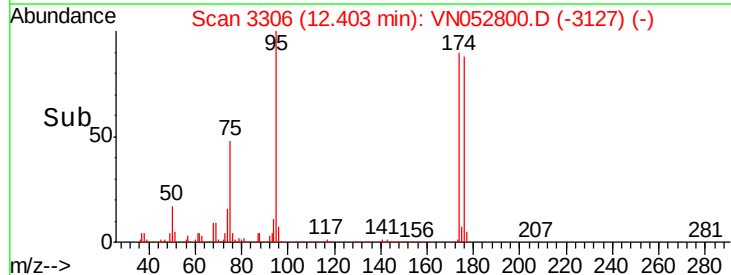
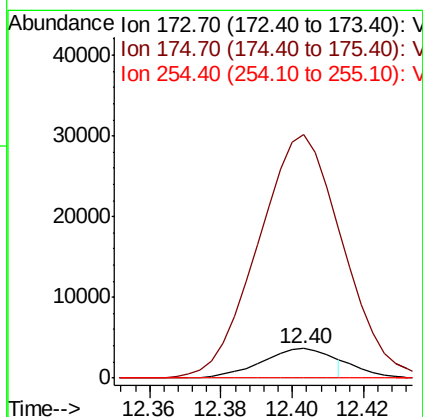
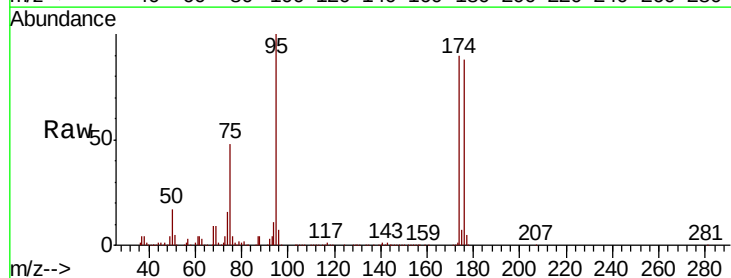
Instrument :
MSVOA_N
ClientSampleId :
PB115504ZHE#05

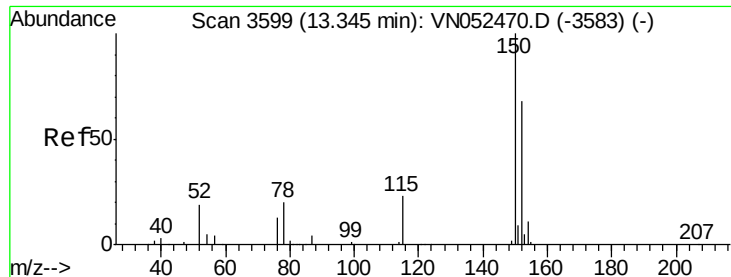
Tot Ion:117 Resp: 1683692
Ion Ratio Lower Upper
117 100
82 54.1 43.6 65.4
119 32.3 25.4 38.2



#71
Bromoform
Concen: 0.615 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN052800.D
Acq: 11 Dec 2018 14:22

Tgt Ion:173 Resp: 4913
Ion Ratio Lower Upper
173 100
175 868.4 24.4 73.2#
254 0.0 0.1 0.1#



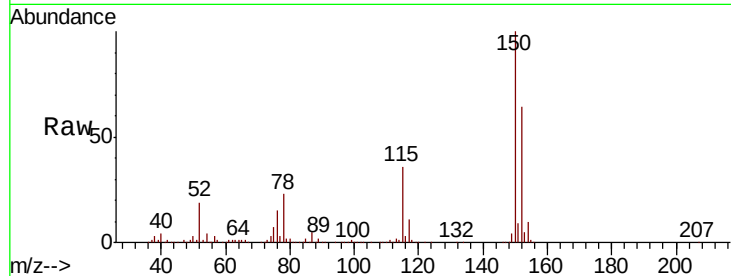


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. -0.00 min
Lab File: VN052800.D
Acq: 11 Dec 2018 14:22

Instrument :
MSVOA_N
ClientSampleId :
PB115504ZHE#05

Tot Ion	Ratio	Lower	Upper
152	100		
115	57.0	28.4	85.2
150	158.5	0.0	346.0

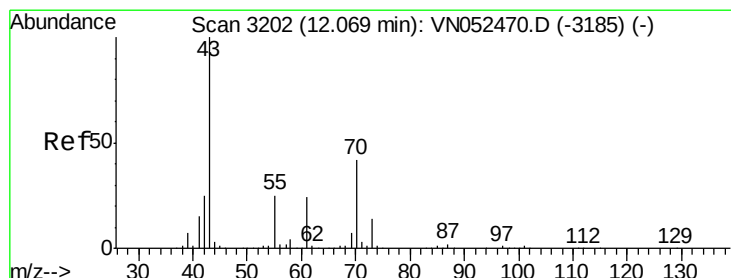
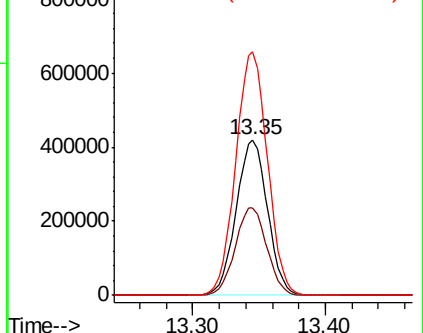
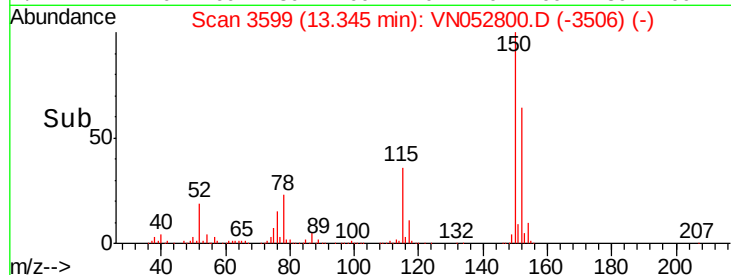


Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

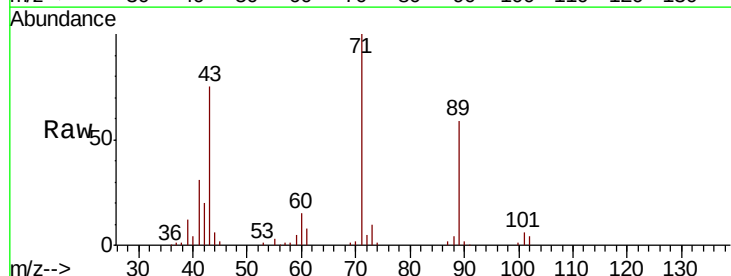
Ion 149.90 (149.60 to 150.60): V



#74

N-ethyl acetate
Concen: 3.896 ug/l
RT: 11.88 min Scan# 3142
Delta R.T. -0.19 min
Lab File: VN052800.D
Acq: 11 Dec 2018 14:22

Tgt Ion	Ratio	Lower	Upper
43	100		
70	1.8	33.8	50.8#
55	4.0	20.0	30.0#
61	10.9	19.7	29.5#



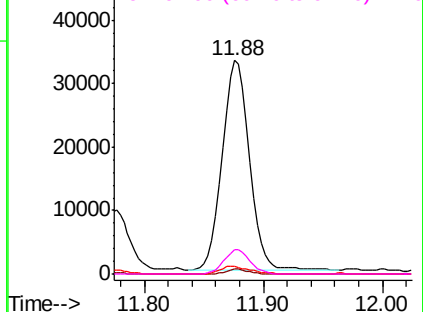
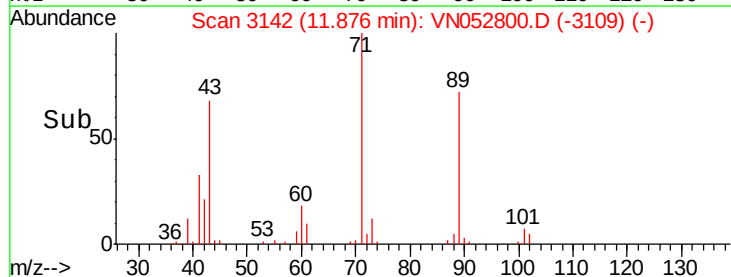
Abundance

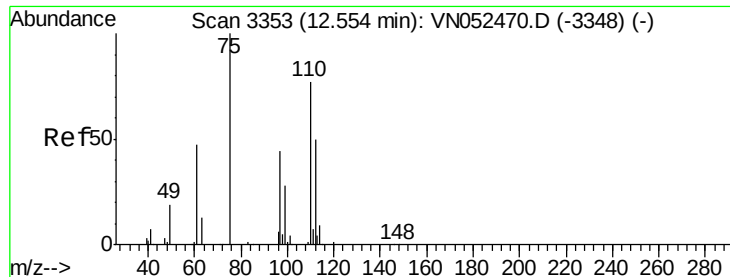
Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#76

1,2,3-Trichloropropane

Concen: 33.757 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN052800.D

Acq: 11 Dec 2018 14:22

Instrument :

MSVOA_N

ClientSampleId :

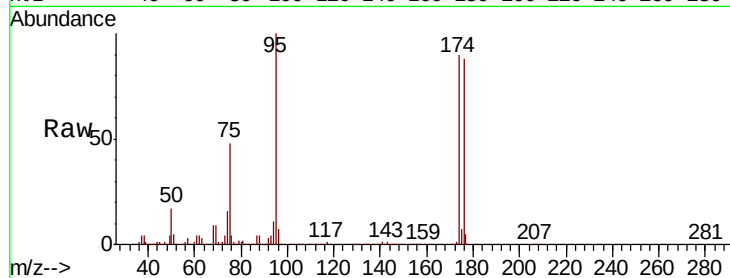
PB115504ZHE#05

Tot Ion: 75 Resp: 357194

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN052800.D (-3260) (-)

Ion 77.00 (76.70 to 77.70): VN052800.D (-3260) (-)

250000

200000

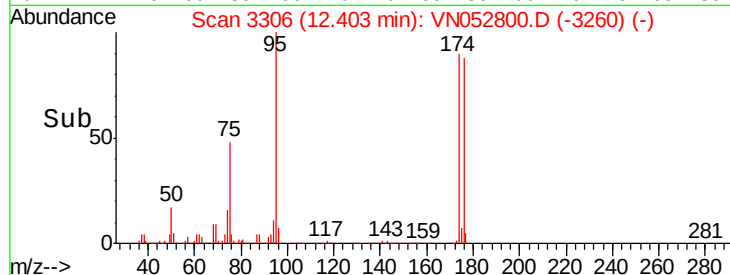
150000

100000

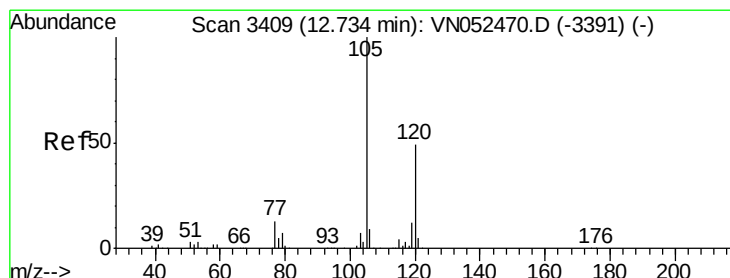
50000

0

12.30 12.40 12.50



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 0.831 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. -0.00 min

Lab File: VN052800.D

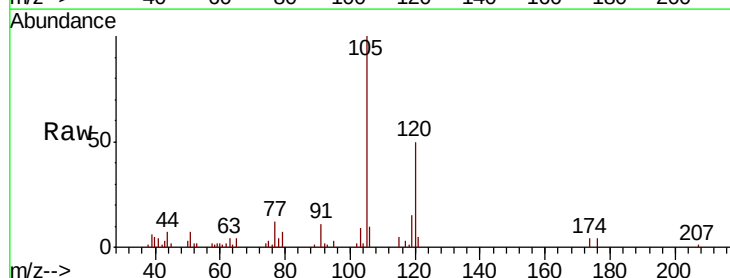
Acq: 11 Dec 2018 14:22

Tgt Ion: 105 Resp: 35686

Ion Ratio Lower Upper

105 100

120 48.6 24.3 73.0



Abundance Ion 105.00 (104.70 to 105.70): VN052800.D (-3316) (-)

Ion 120.00 (119.70 to 120.70): VN052800.D (-3316) (-)

25000

20000

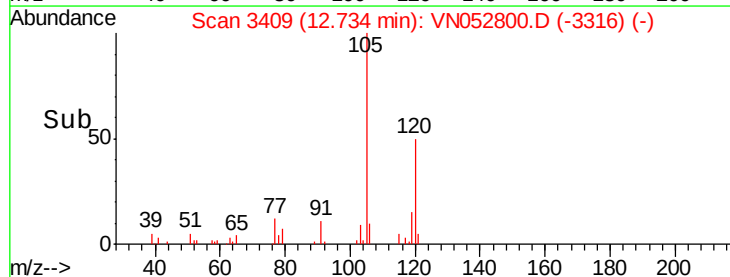
15000

10000

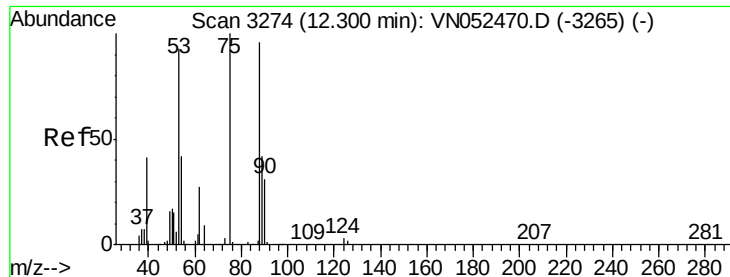
5000

0

12.70 12.75 12.80



Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 112.734 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN052800.D

Acq: 11 Dec 2018 14:22

Instrument :

MSVOA_N

ClientSampleId :

PB115504ZHE#05

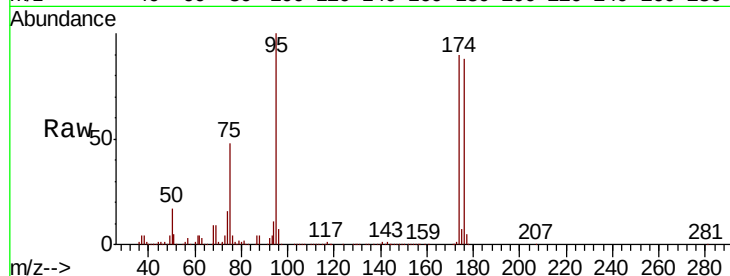
Tot Ion: 75 Resp: 357194

Ion Ratio Lower Upper

75 100

53 0.0 77.4 116.0#

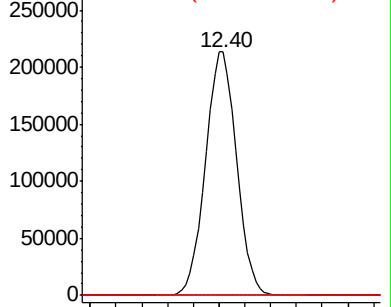
89 0.0 35.4 53.2#



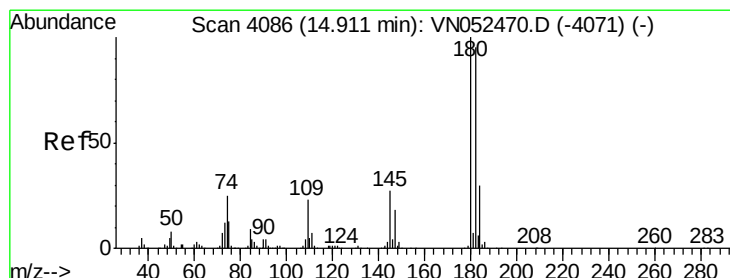
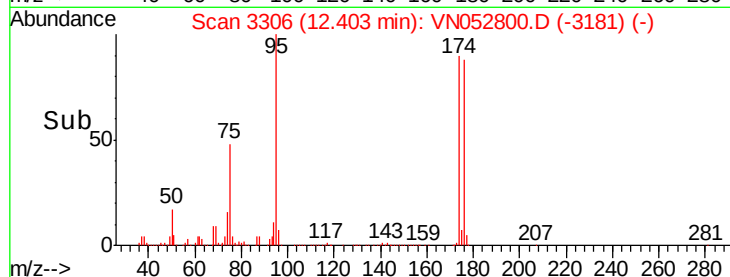
Abundance Ion 74.90 (74.60 to 75.60): VN052800.D (-3306) (-)

Ion 53.00 (52.70 to 53.70): VN052800.D (-3306) (-)

Ion 88.90 (88.60 to 89.60): VN052800.D (-3306) (-)



Time--> 12.30 12.40 12.50



#93

1,2,4-Trichlorobenzene

Concen: 2.846 ug/l

RT: 14.91 min Scan# 4087

Delta R.T. 0.00 min

Lab File: VN052800.D

Acq: 11 Dec 2018 14:22

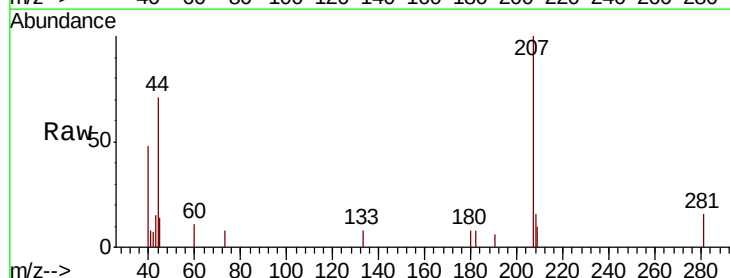
Tgt Ion:180 Resp: 209

Ion Ratio Lower Upper

180 100

182 52.6 47.8 143.4

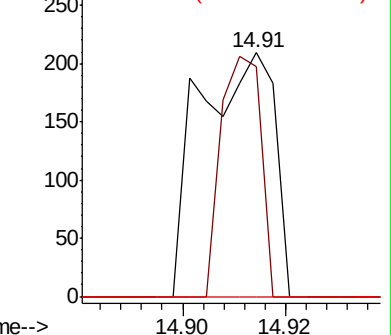
145 0.0 14.1 42.3#



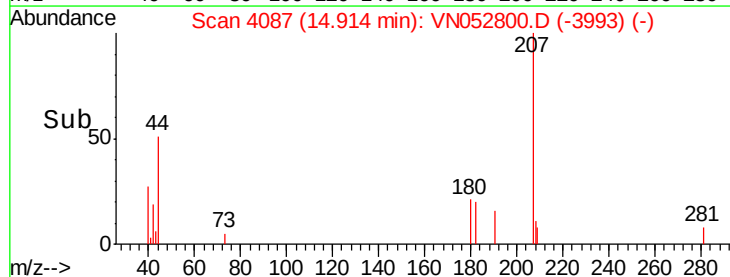
Abundance Ion 179.80 (179.50 to 180.50): VN052800.D (-4087) (-)

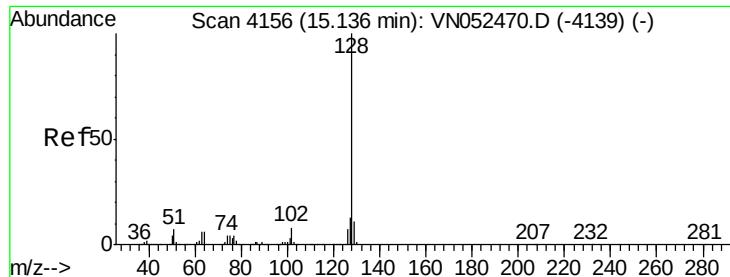
Ion 181.80 (181.50 to 182.50): VN052800.D (-4087) (-)

Ion 144.80 (144.50 to 145.50): VN052800.D (-4087) (-)



Time--> 14.90 14.91 14.92





#95

Naphthalene

Concen: 3.464 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN052800.D

Acq: 11 Dec 2018 14:22

Instrument :

MSVOA_N

ClientSampleId :

PB115504ZHE#05

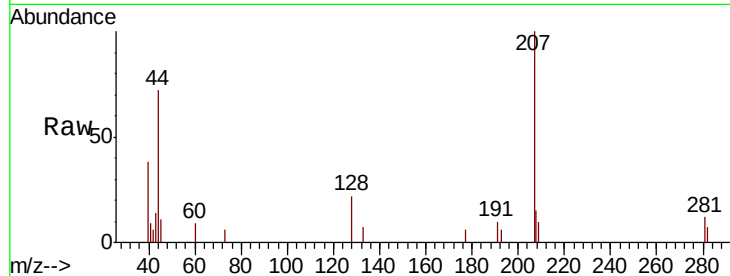
Tot Ion:128 Resp: 980

Ion Ratio Lower Upper

128 100

127 0.0 10.2 15.2#

129 0.0 8.7 13.1#



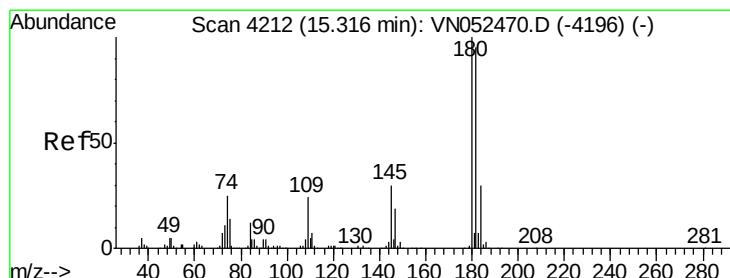
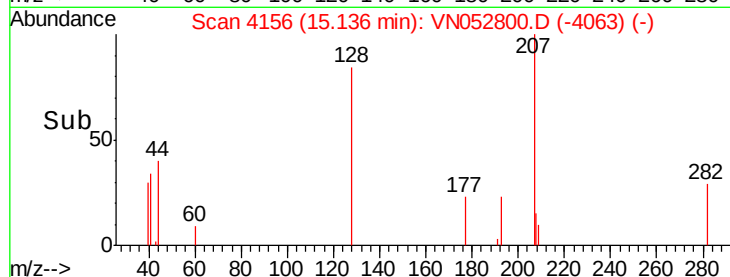
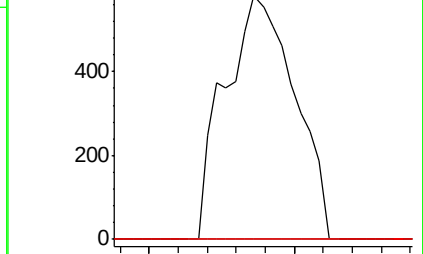
Abundance

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

15.14



#96

1,2,3-Trichlorobenzene

Concen: 2.738 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN052800.D

Acq: 11 Dec 2018 14:22

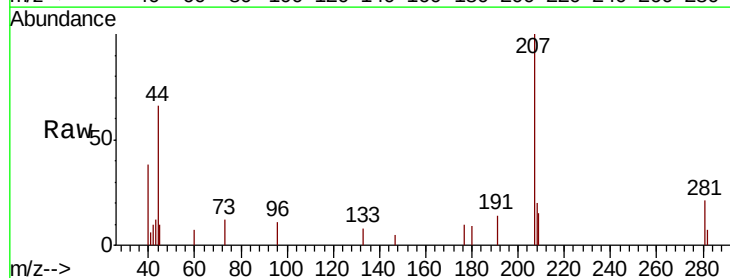
Tgt Ion:180 Resp: 131

Ion Ratio Lower Upper

180 100

182 0.0 47.8 143.3#

145 0.0 15.2 45.5#



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

15.32

