

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120518\
 Data File : VN052671.D
 Acq On : 5 Dec 2018 12:53
 Operator : MD\SY
 Sample : PB115330ZHE#02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB115330ZHE#02

Quant Time: Dec 06 04:27:04 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	1162943	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1804219	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1603775	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	615077	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	620435	49.00	ug/l	0.00
Spiked Amount			Recovery	=	98.00%	
35) Dibromofluoromethane	7.59	113	553916	49.80	ug/l	0.00
Spiked Amount			Recovery	=	99.60%	
50) Toluene-d8	10.09	98	2209285	51.03	ug/l	0.00
Spiked Amount			Recovery	=	102.06%	
62) 4-Bromofluorobenzene	12.40	95	705849	48.52	ug/l	0.00
Spiked Amount			Recovery	=	97.04%	

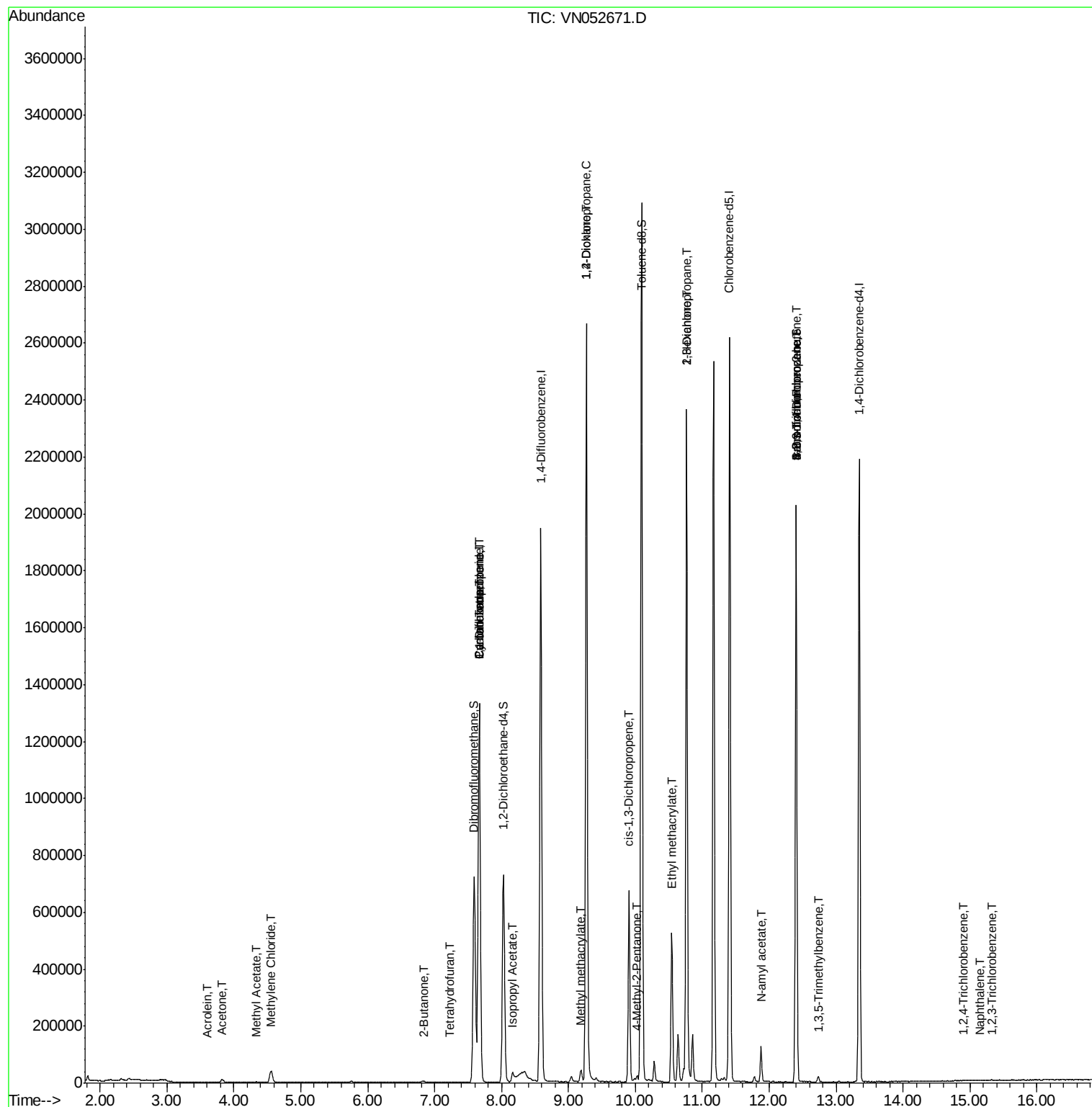
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.60	56	236	0.214	ug/l #	14
16) Acetone	3.82	43	17738	5.311	ug/l	93
18) Methyl Acetate	4.34	43	4195	0.438	ug/l #	68
20) Methylene Chloride	4.55	84	30844	2.360	ug/l	97
25) 2-Butanone	6.85	43	2224	0.470	ug/l #	50
29) Tetrahydrofuran	7.22	42	1246	0.408	ug/l #	58
31) Cyclohexane	7.66	56	19469	0.532	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	80259	4.711	ug/l #	50
38) Carbon Tetrachloride	7.67	117	102733	6.661	ug/l #	16
43) Isopropyl Acetate	8.17	43	49402	2.807	ug/l #	81
45) 1,2-Dichloropropane	9.27	63	3578	0.265	ug/l #	43
48) Methyl methacrylate	9.18	41	14366	1.566	ug/l #	13
49) 1,4-Dioxane	9.27	88	345	3.623	ug/l #	1
51) 4-Methyl-2-Pentanone	10.02	43	17942	1.817	ug/l #	36
54) cis-1,3-Dichloropropene	9.90	75	123324	6.584	ug/l #	63
56) Ethyl methacrylate	10.54	69	1822	2.810	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	24181	1.291	ug/l #	43
59) 2-Hexanone	10.76	43	345385	52.124	ug/l #	51
71) Bromoform	12.40	173	4725	0.621	ug/l #	1
74) N-amyl acetate	11.88	43	38998	3.199	ug/l #	53
76) 1,2,3-Trichloropropane	12.40	75	341069	35.959	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	9398	0.244	ug/l	94
81) trans-1,4-Dichloro-2-buten	12.40	75	341069	120.088	ug/l #	11
93) 1,2,4-Trichlorobenzene	14.91	180	602	2.882	ug/l #	68
95) Naphthalene	15.14	128	1810	3.501	ug/l #	71
96) 1,2,3-Trichlorobenzene	15.32	180	779	2.800	ug/l #	62

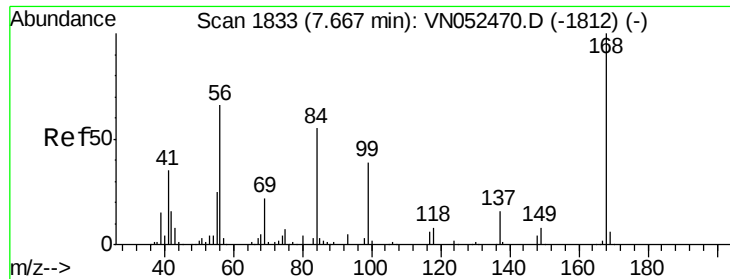
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN120518\
Data File : VN052671.D
Acq On : 5 Dec 2018 12:53
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Sample : PB115330ZHE#02
Misc : 5.00mL/MSVOA N/WATER
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Quant Time: Dec 06 04:27:04 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: VN052671.D

Acq: 5 Dec 2018 12:53

Instrument :

MSVOA_N

ClientSampleId :

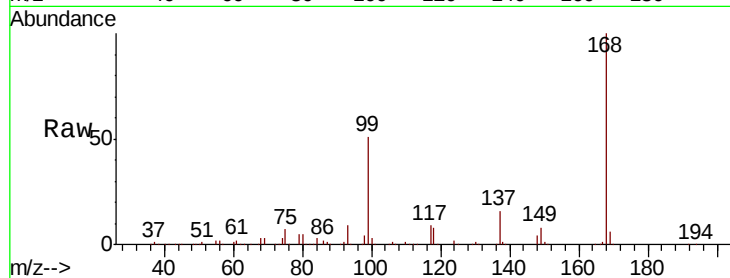
PB115330ZHE#02

Tot Ion:168 Resp: 1162943

Ion Ratio Lower Upper

168 100

99 51.4 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

500000

400000

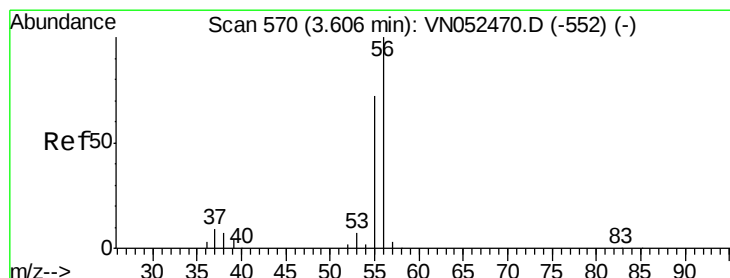
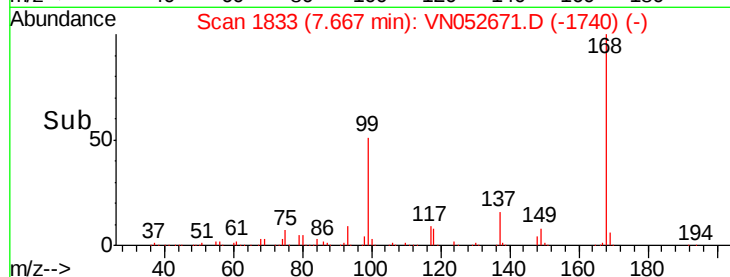
300000

200000

100000

0

Time-->



#13

Acrolein

Concen: 0.214 ug/l

RT: 3.60 min Scan# 568

Delta R.T. -0.01 min

Lab File: VN052671.D

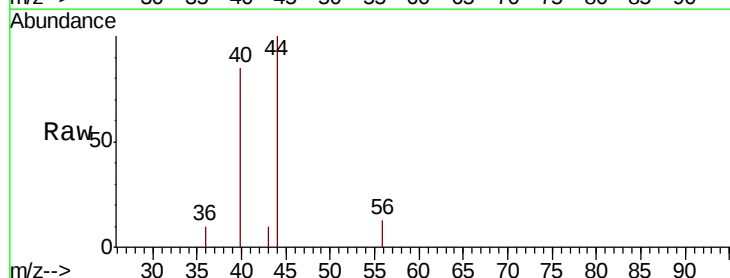
Acq: 5 Dec 2018 12:53

Tgt Ion: 56 Resp: 236

Ion Ratio Lower Upper

56 100

55 0.0 56.8 85.2#



Abundance Ion 56.00 (55.70 to 56.70): VN

Ion 55.00 (54.70 to 55.70): VN

250

200

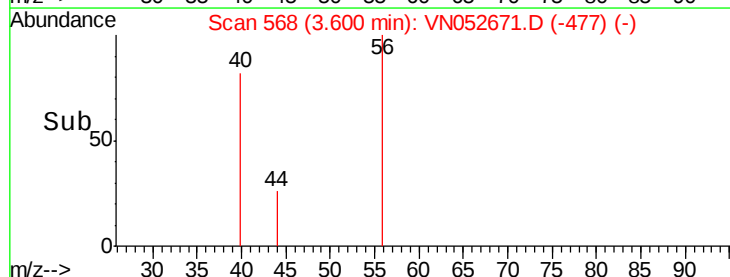
150

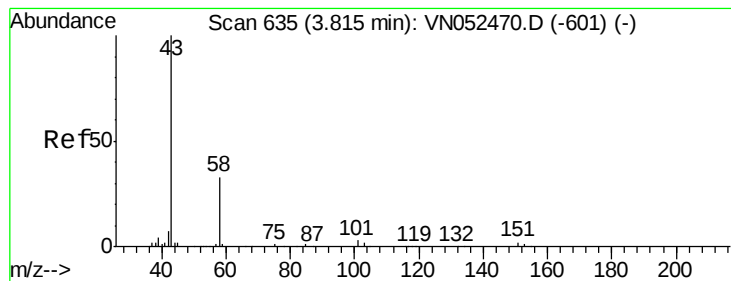
100

50

0

Time-->





#16

Acetone

Concen: 5.311 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN052671.D

Acq: 5 Dec 2018 12:53

Instrument :

MSVOA_N

ClientSampleId :

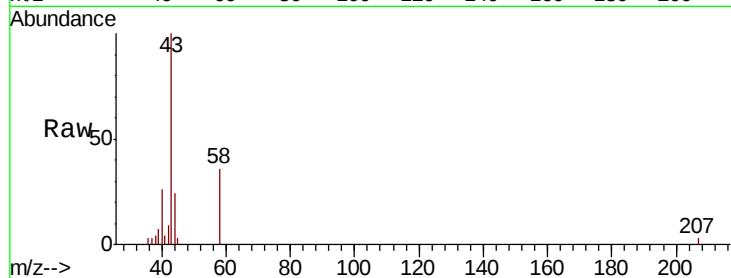
PB115330ZHE#02

Tot Ion: 43 Resp: 17738

Ion Ratio Lower Upper

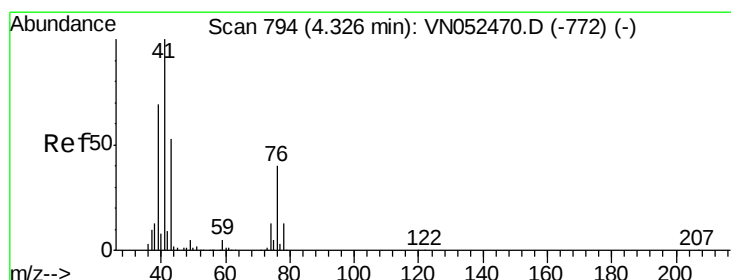
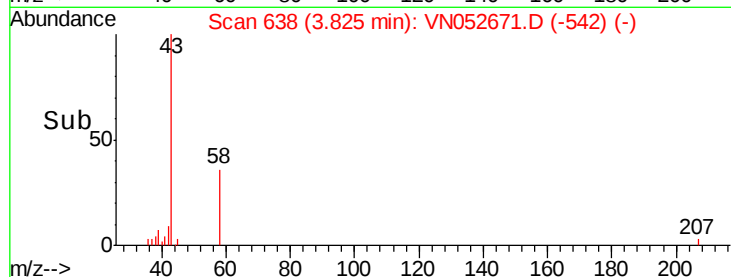
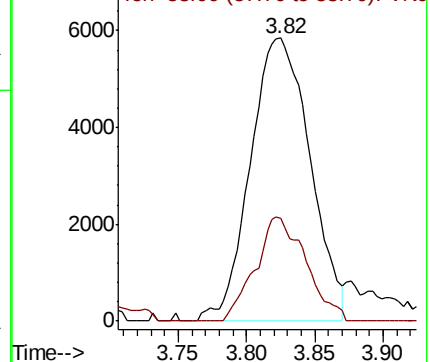
43 100

58 36.2 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Methyl Acetate

Concen: 0.438 ug/l

RT: 4.34 min Scan# 798

Delta R.T. 0.01 min

Lab File: VN052671.D

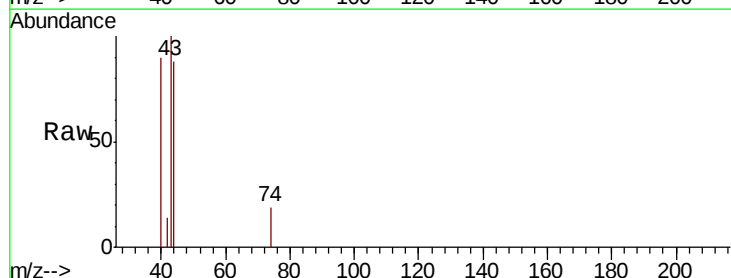
Acq: 5 Dec 2018 12:53

Tgt Ion: 43 Resp: 4195

Ion Ratio Lower Upper

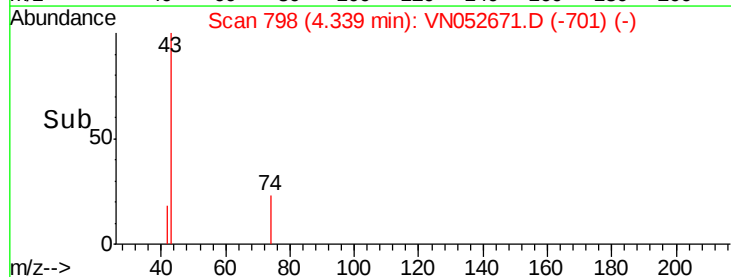
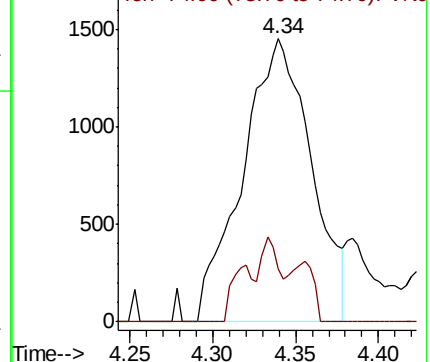
43 100

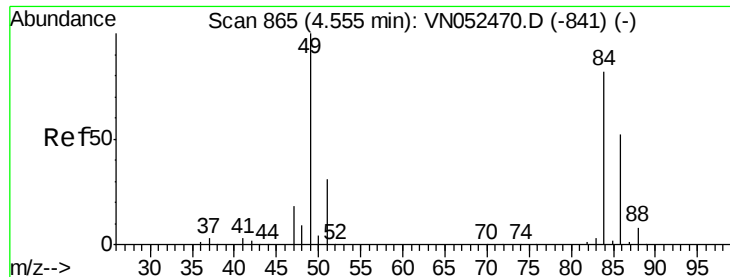
74 7.5 18.6 27.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

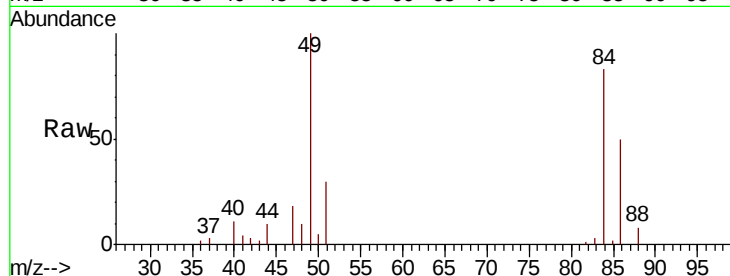




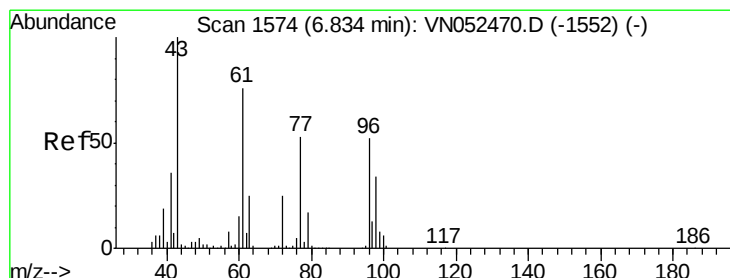
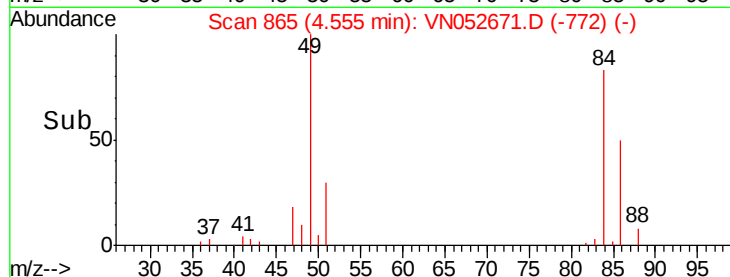
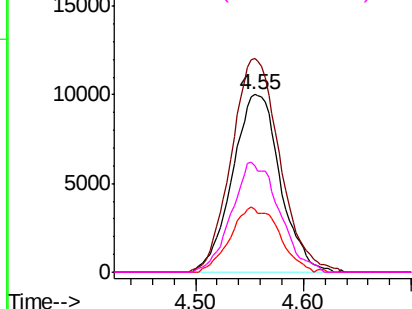
#20
Methylene Chloride
Concen: 2.360 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN052671.D
Acq: 5 Dec 2018 12:53

Instrument :
MSVOA_N
ClientSampleId :
PB115330ZHE#02

Tot Ion: 84 Resp: 30844
Ion Ratio Lower Upper
84 100
49 120.2 98.0 147.0
51 35.5 30.1 45.1
86 60.0 50.7 76.1

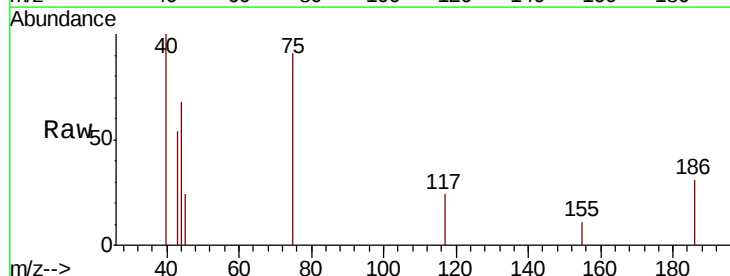


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

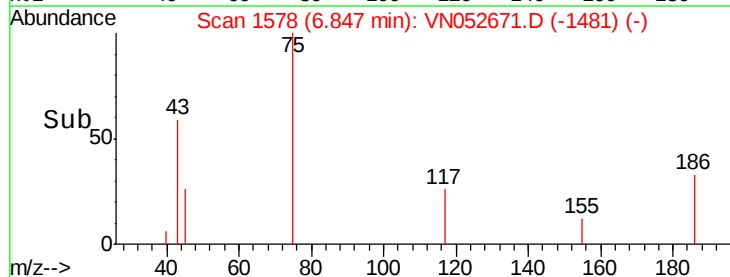
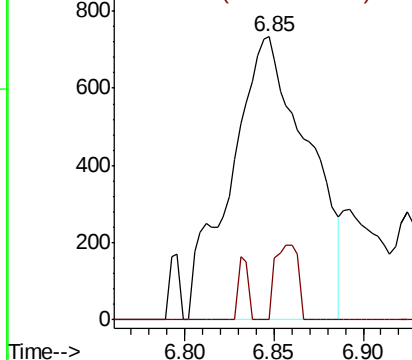


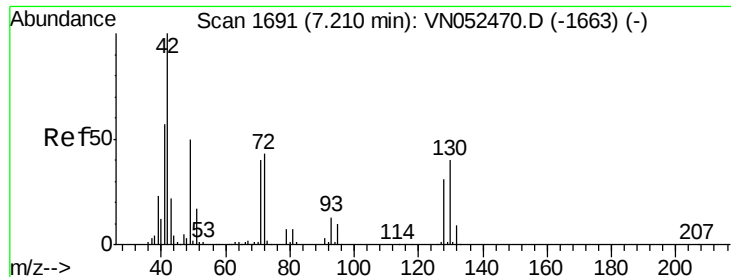
#25
2-Butanone
Concen: 0.470 ug/l
RT: 6.85 min Scan# 1578
Delta R.T. 0.01 min
Lab File: VN052671.D
Acq: 5 Dec 2018 12:53

Tgt Ion: 43 Resp: 2224
Ion Ratio Lower Upper
43 100
72 0.0 20.1 30.1#



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 72.00 (71.70 to 72.70): VN0

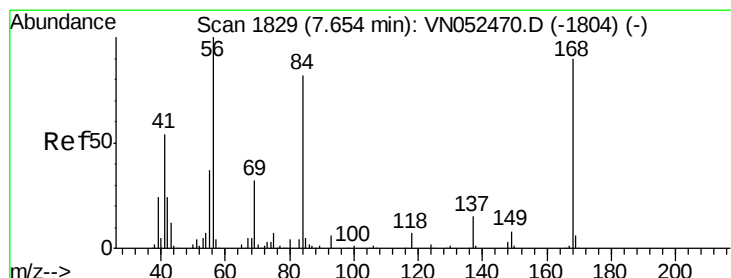
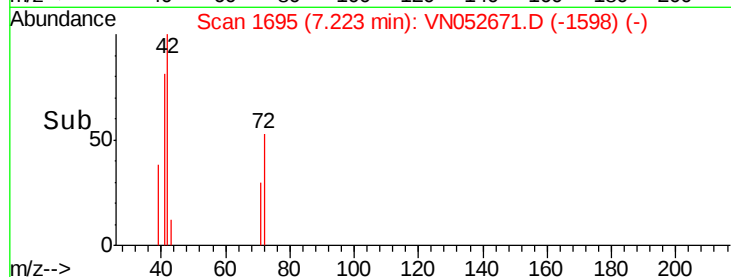
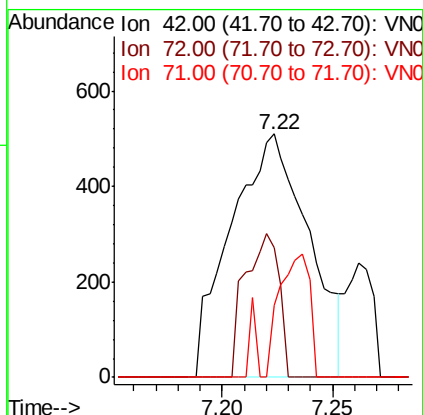
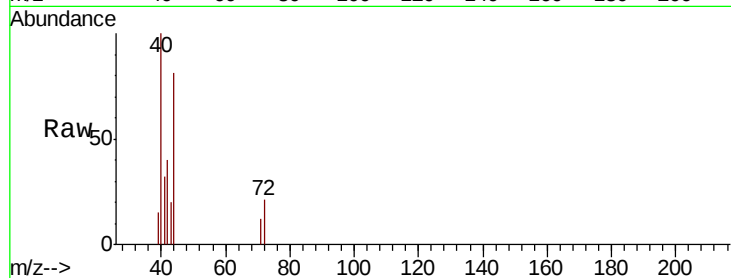




#29
Tetrahydrofuran
Concen: 0.408 ug/l
RT: 7.22 min Scan# 1695
Delta R.T. 0.01 min
Lab File: VN052671.D
Acq: 5 Dec 2018 12:53

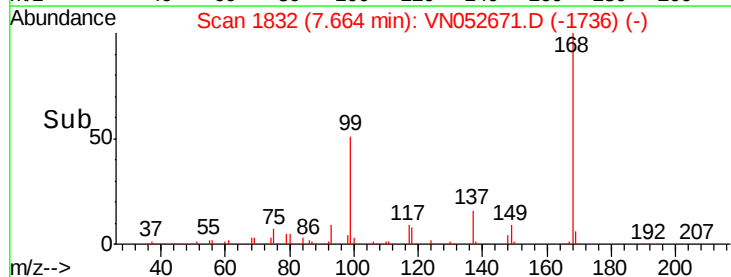
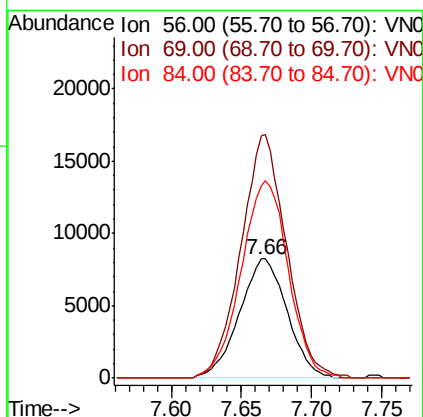
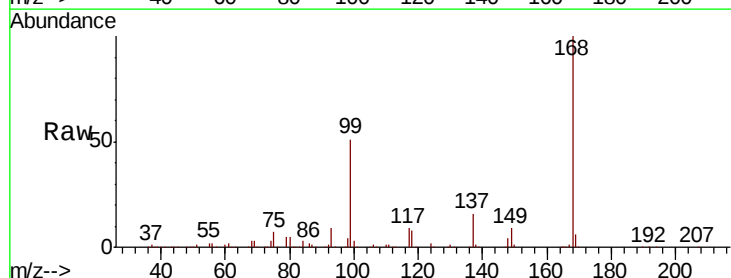
Instrument :
MSVOA_N
ClientSampleId :
PB115330ZHE#02

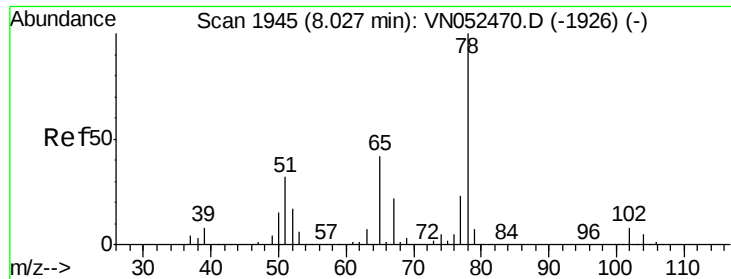
Tot Ion: 42 Resp: 1246
Ion Ratio Lower Upper
42 100
72 26.0 33.3 49.9#
71 2.6 32.0 48.0#



#31
Cyclohexane
Concen: 0.532 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN052671.D
Acq: 5 Dec 2018 12:53

Tgt Ion: 56 Resp: 19469
Ion Ratio Lower Upper
56 100
69 203.2 25.8 38.6#
84 161.5 65.3 97.9#





#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN052671.D

Acq: 5 Dec 2018 12:53

Instrument :

MSVOA_N

ClientSampleId :

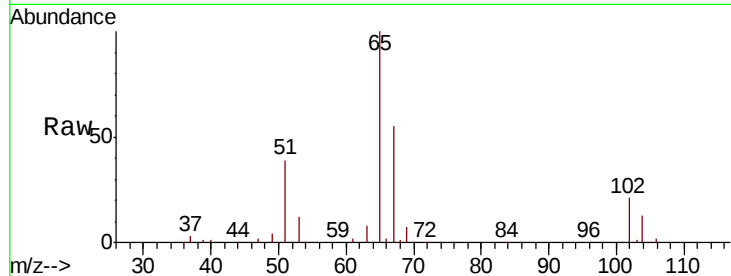
PB115330ZHE#02

Tot Ion: 65 Resp: 620435

Ion Ratio Lower Upper

65 100

67 54.5 0.0 109.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

250000

200000

150000

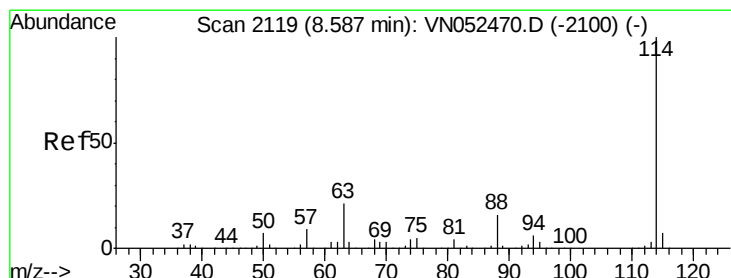
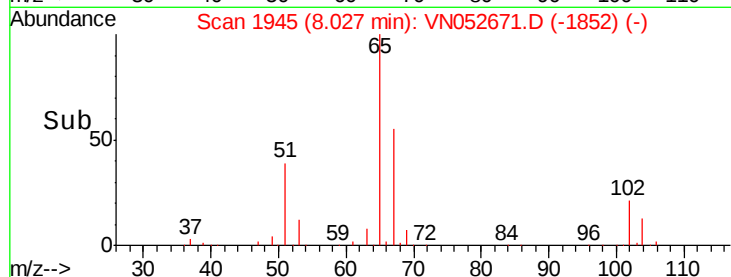
100000

50000

0

Time-->

7.90 8.00 8.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN052671.D

Acq: 5 Dec 2018 12:53

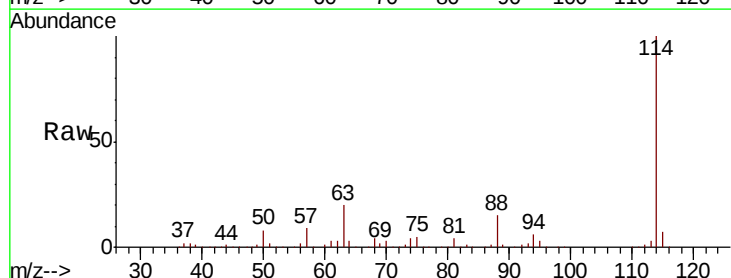
Tgt Ion: 114 Resp: 1804219

Ion Ratio Lower Upper

114 100

63 20.1 0.0 41.8

88 15.2 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

1200000

1000000

800000

600000

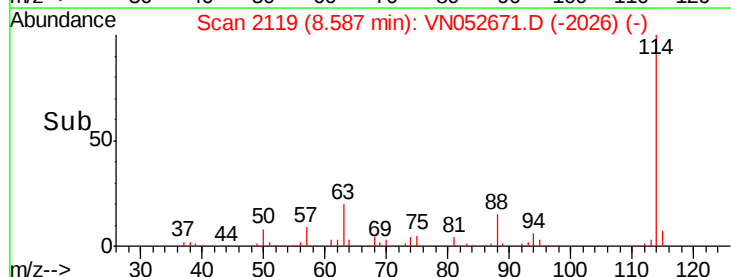
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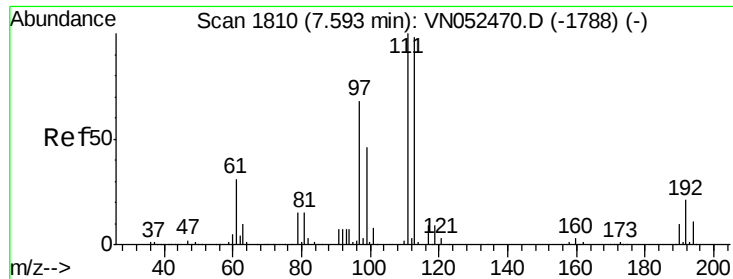
200000

0

Time-->

8.50 8.60 8.70

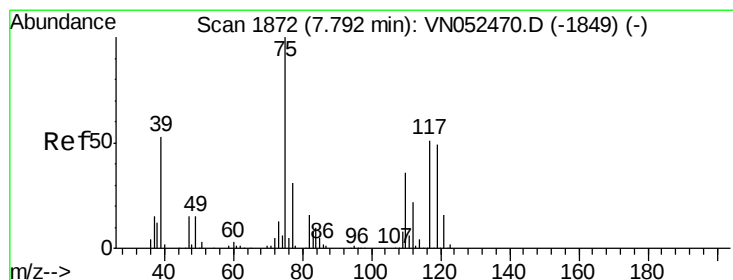
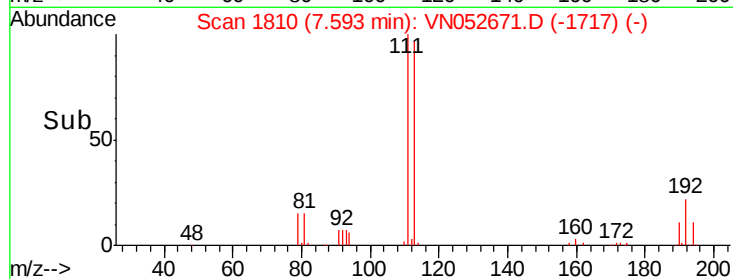
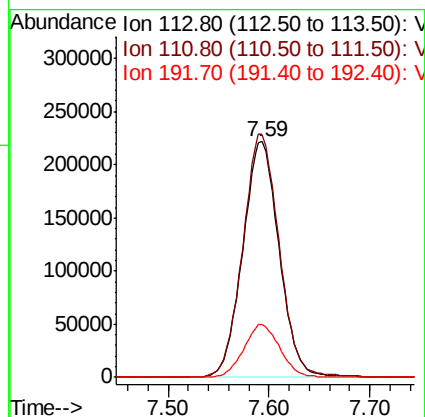
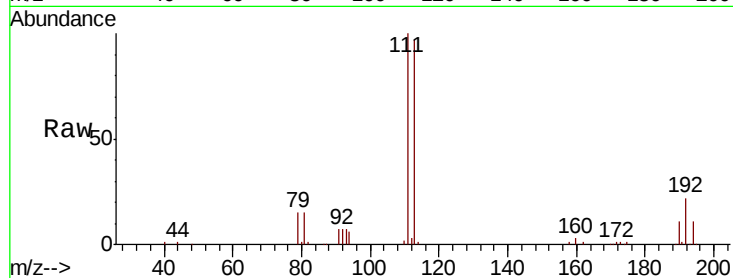




#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN052671.D
Acq: 5 Dec 2018 12:53

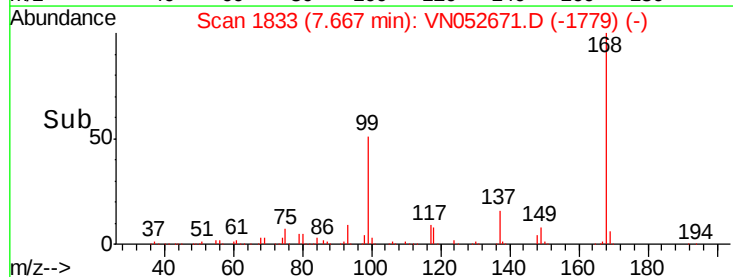
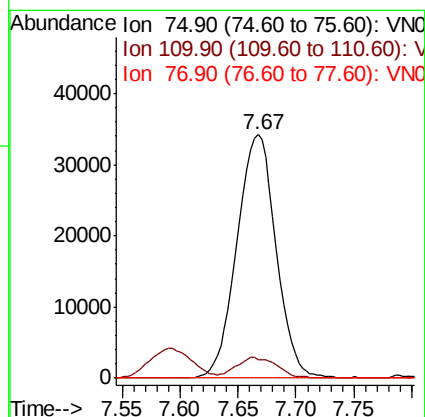
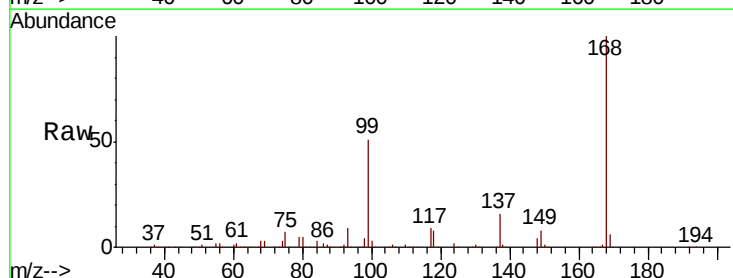
Instrument :
MSVOA_N
ClientSampleId :
PB115330ZHE#02

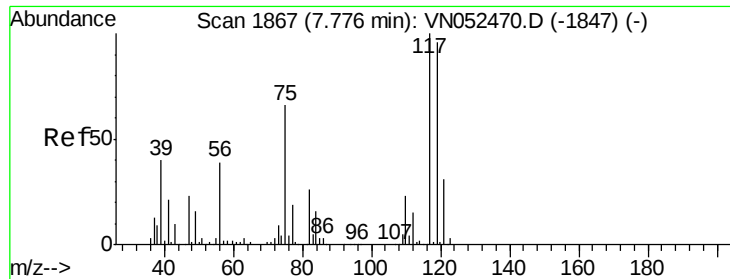
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.0	123.0
192	22.2	17.0	25.6



#36
1,1-Dichloropropene
Concen: 4.711 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.13 min
Lab File: VN052671.D
Acq: 5 Dec 2018 12:53

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.8	17.5	52.6#
77	0.0	24.5	36.7#





#38

Carbon Tetrachloride

Concen: 6.661 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN052671.D

Acq: 5 Dec 2018 12:53

Instrument :

MSVOA_N

ClientSampleId :

PB115330ZHE#02

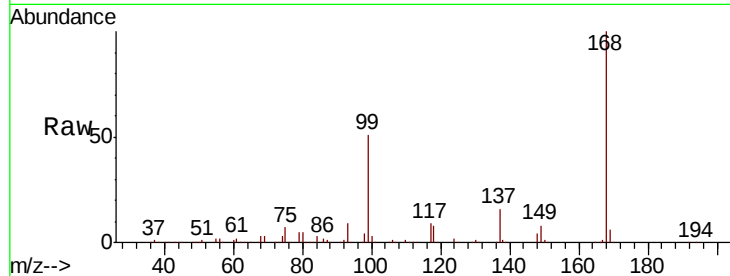
Tot Ion:117 Resp: 102733

Ion Ratio Lower Upper

117 100

119 4.9 76.8 115.2#

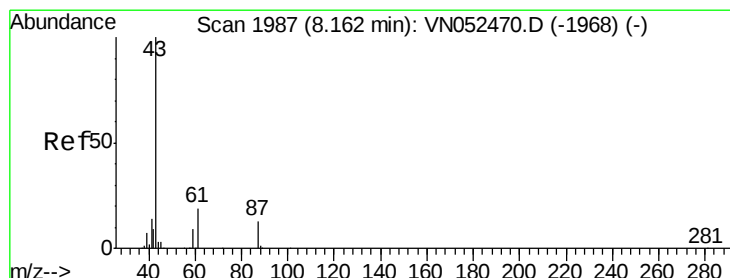
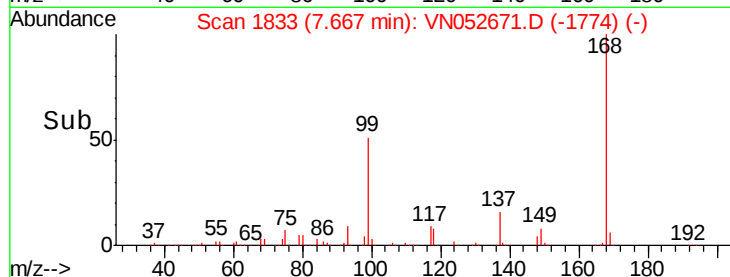
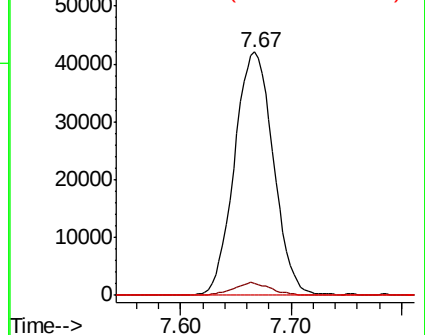
121 0.0 24.9 37.3#



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: 2.807 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN052671.D

Acq: 5 Dec 2018 12:53

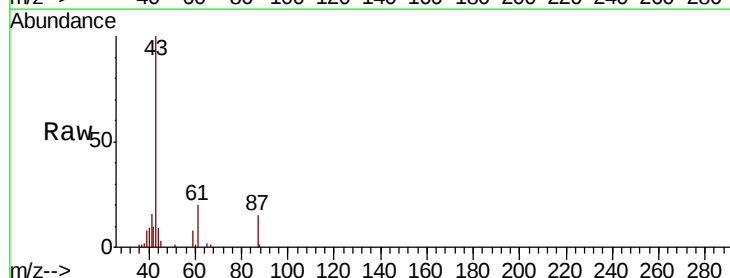
Tgt Ion: 43 Resp: 49402

Ion Ratio Lower Upper

43 100

61 16.0 24.1 36.1#

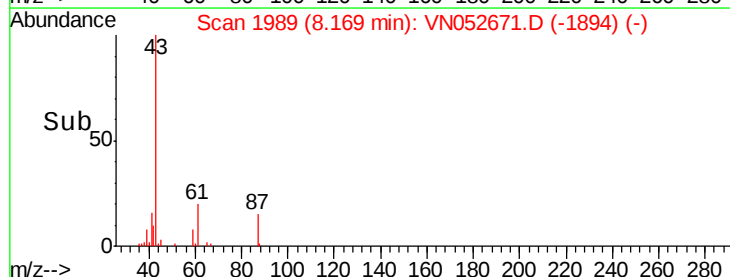
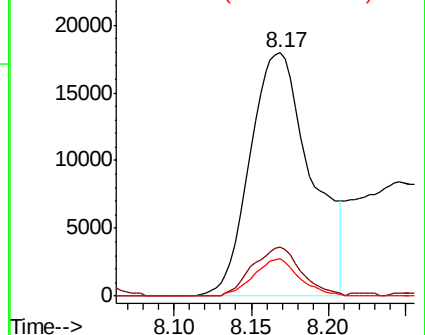
87 11.4 10.6 15.8

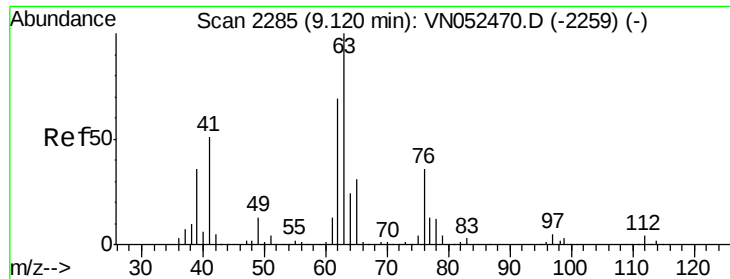


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V

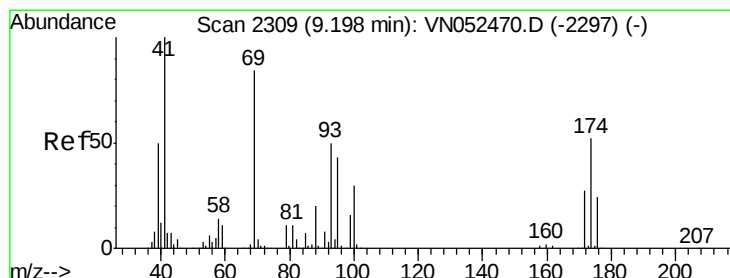
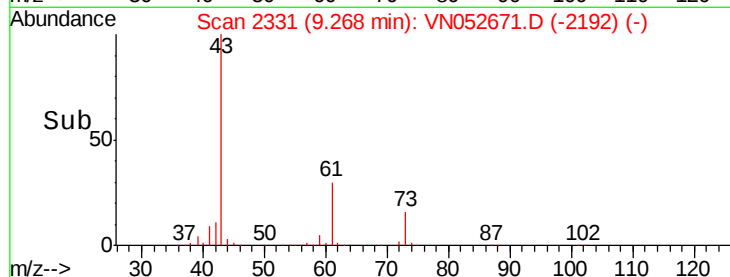
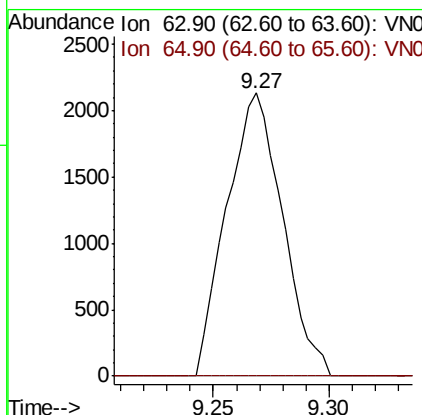
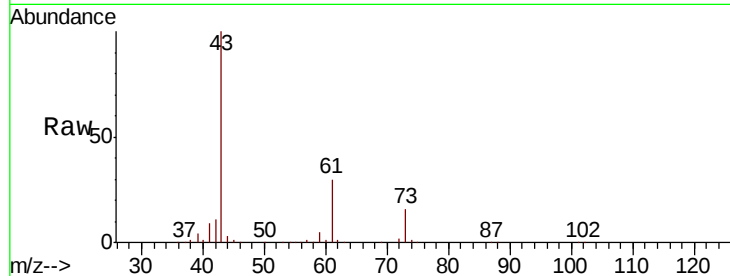




#45
 1,2-Dichloropropane
 Concen: 0.265 ug/l
 RT: 9.27 min Scan# 2331
 Delta R.T. 0.15 min
 Lab File: VN052671.D
 Acq: 5 Dec 2018 12:53

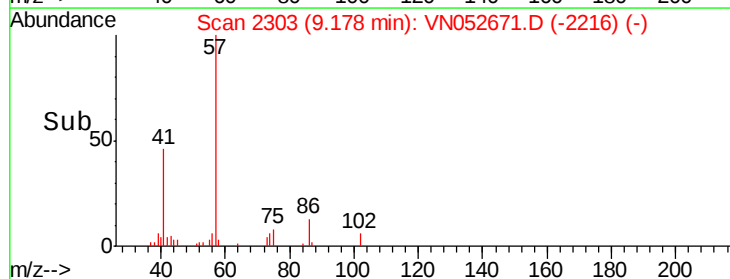
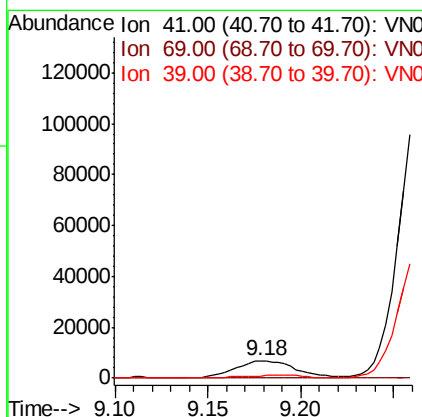
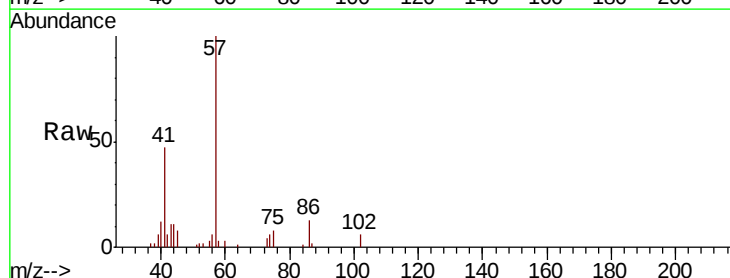
Instrument :
 MSVOA_N
 ClientSampleId :
 PB115330ZHE#02

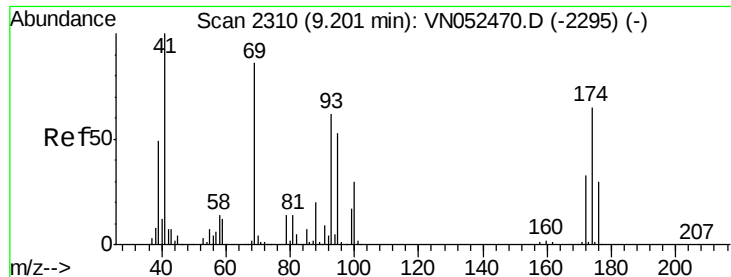
Tot Ion: 63 Resp: 3578
 Ion Ratio Lower Upper
 63 100
 65 0.0 25.0 37.6#



#48
 Methyl methacrylate
 Concen: 1.566 ug/l
 RT: 9.18 min Scan# 2303
 Delta R.T. -0.02 min
 Lab File: VN052671.D
 Acq: 5 Dec 2018 12:53

Tgt Ion: 41 Resp: 14366
 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: 3.623 ug/l

RT: 9.27 min Scan# 2332

Delta R.T. 0.07 min

Lab File: VN052671.D

Acq: 5 Dec 2018 12:53

Instrument :

MSVOA_N

ClientSampleId :

PB115330ZHE#02

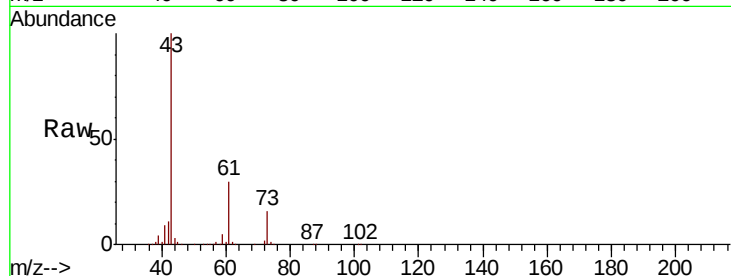
Tot Ion: 88 Resp: 345

Ion Ratio Lower Upper

88 100

43 769913.9 26.4 39.6#

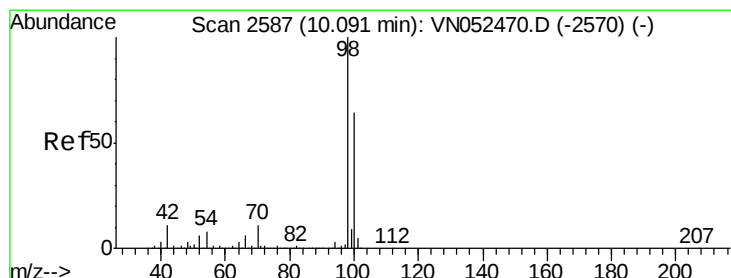
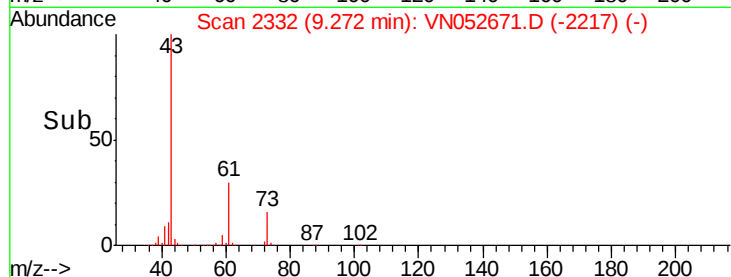
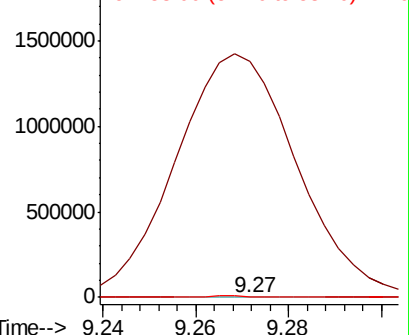
58 3577.7 55.4 83.0#



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 3.623 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052671.D

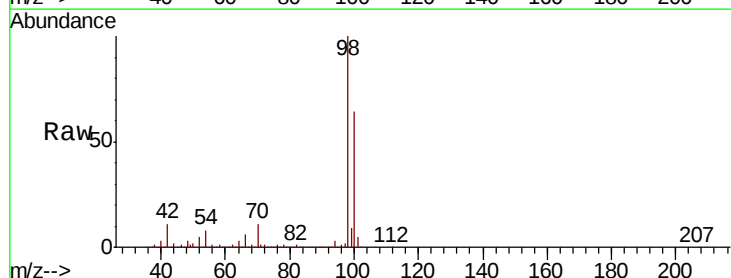
Acq: 5 Dec 2018 12:53

Tgt Ion: 98 Resp: 2209285

Ion Ratio Lower Upper

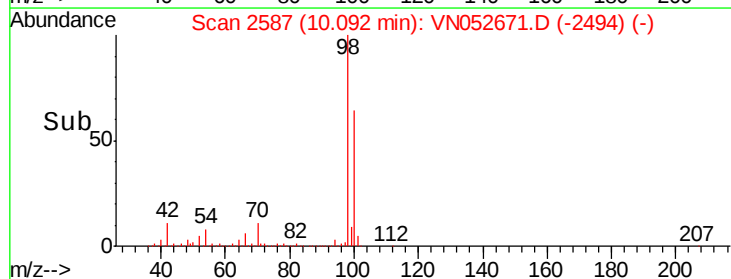
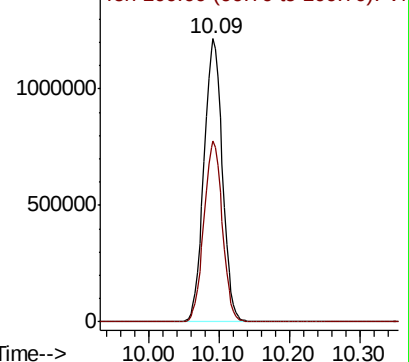
98 100

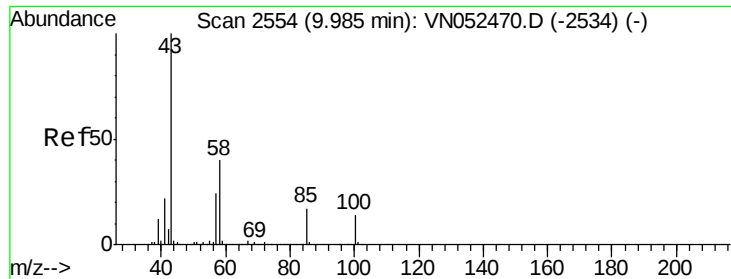
100 63.6 51.3 76.9



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: 1.817 ug/l

RT: 10.02 min Scan# 2566

Delta R.T. 0.04 min

Lab File: VN052671.D

Acq: 5 Dec 2018 12:53

Instrument :

MSVOA_N

ClientSampleId :

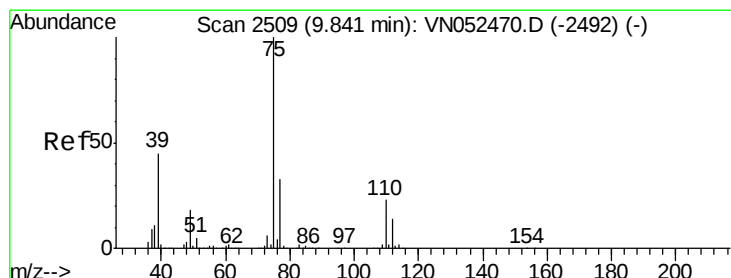
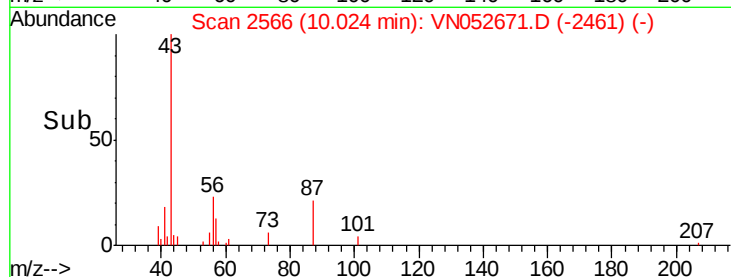
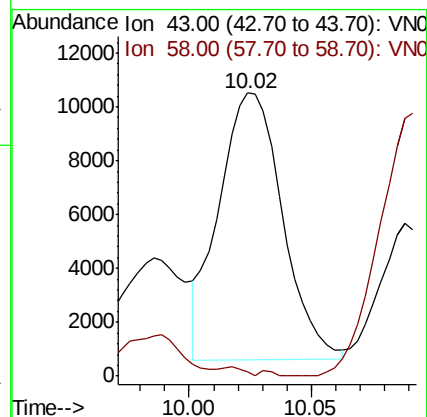
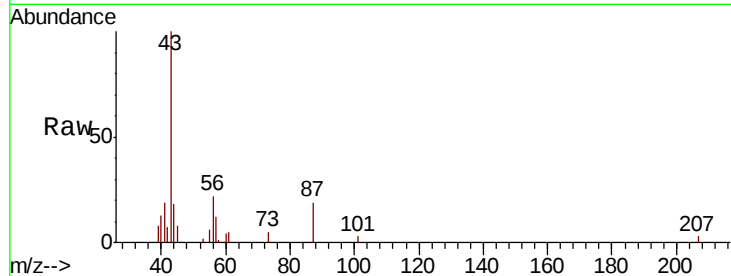
PB115330ZHE#02

Tot Ion: 43 Resp: 17942

Ion Ratio Lower Upper

43 100

58 0.0 31.5 47.3#



#54

cis-1,3-Dichloropropene

Concen: 6.584 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN052671.D

Acq: 5 Dec 2018 12:53

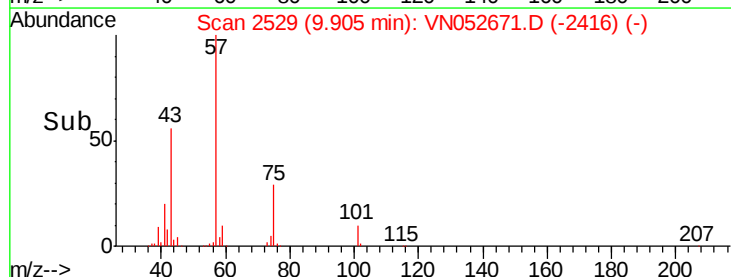
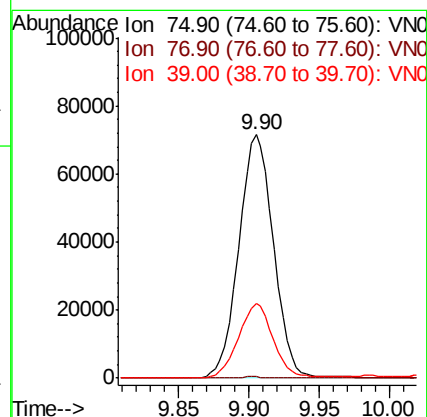
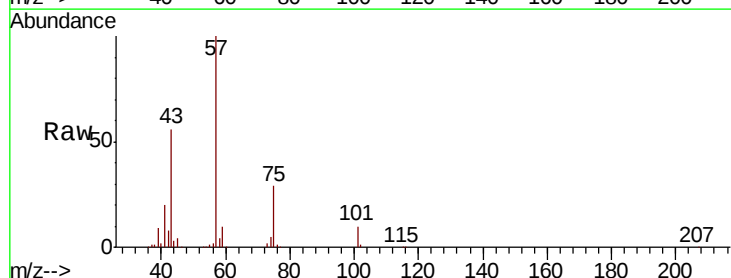
Tgt Ion: 75 Resp: 123324

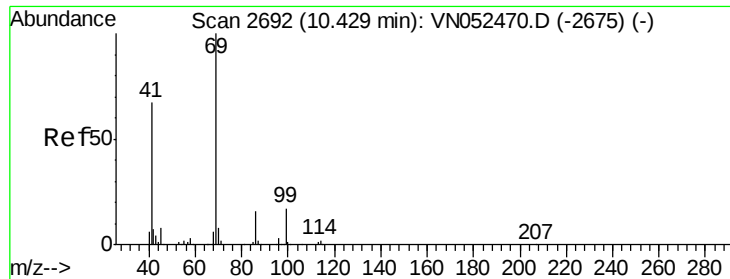
Ion Ratio Lower Upper

75 100

77 0.7 26.2 39.2#

39 30.4 36.0 54.0#





#56

Ethyl methacrylate

Concen: 2.810 ug/l

RT: 10.54 min Scan# 2728

Delta R.T. 0.12 min

Lab File: VN052671.D

Acq: 5 Dec 2018 12:53

Instrument :

MSVOA_N

ClientSampleId :

PB115330ZHE#02

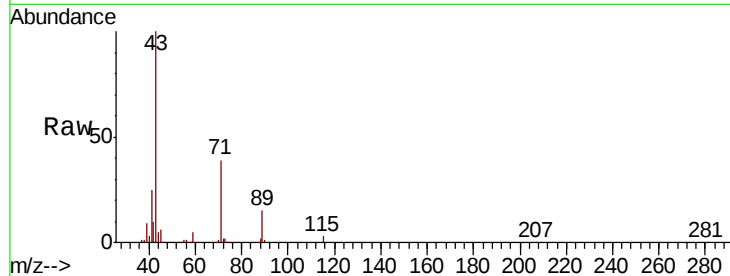
Tot Ion: 69 Resp: 1822

Ion Ratio Lower Upper

69 100

41 5318.1 52.6 79.0#

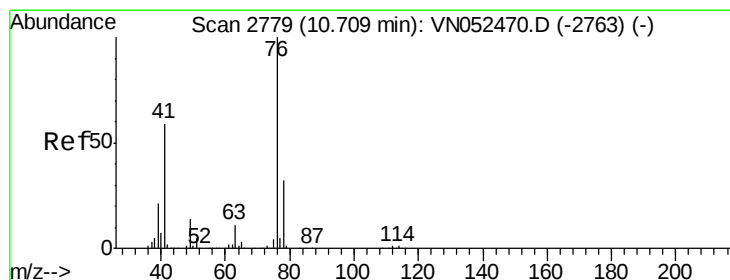
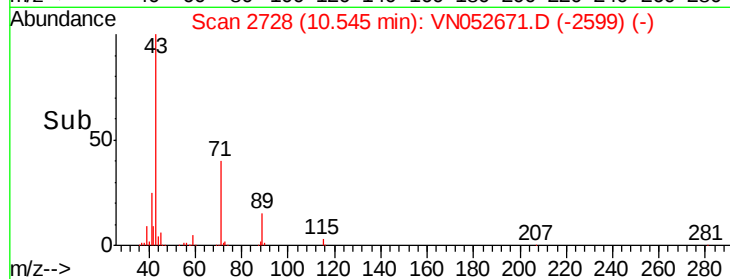
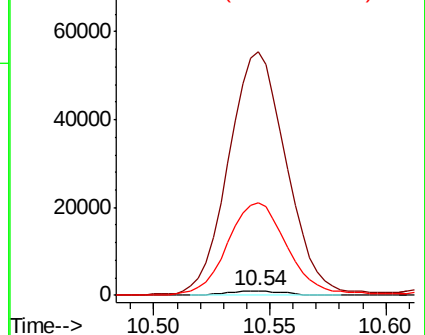
39 2093.9 25.9 38.9#



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: 1.291 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.05 min

Lab File: VN052671.D

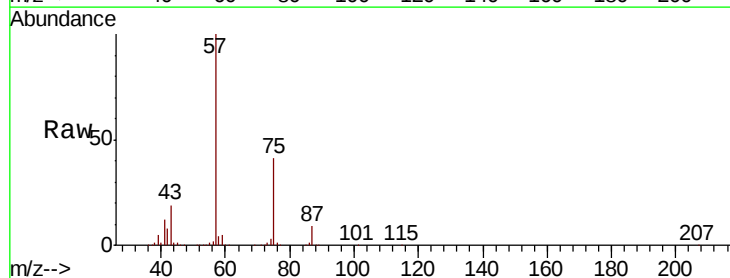
Acq: 5 Dec 2018 12:53

Tgt Ion: 76 Resp: 24181

Ion Ratio Lower Upper

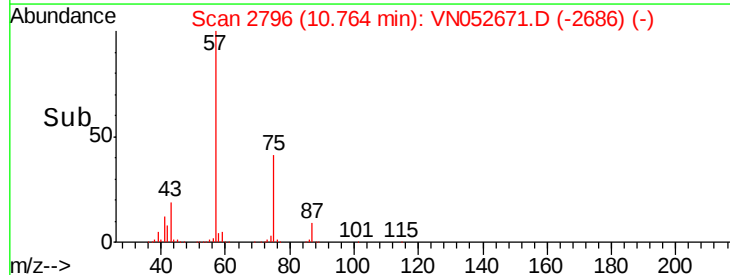
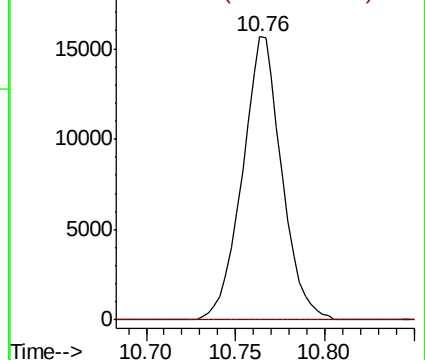
76 100

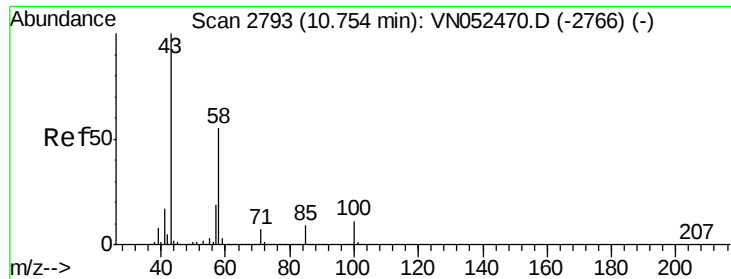
78 0.0 25.6 38.4#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

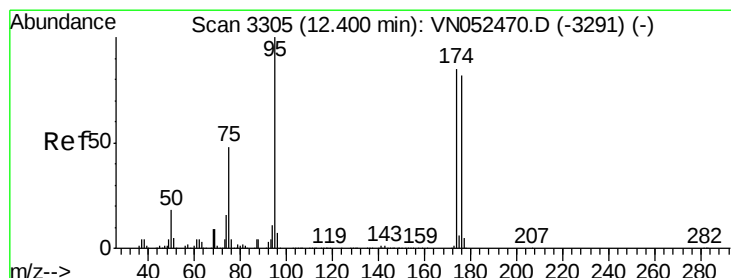
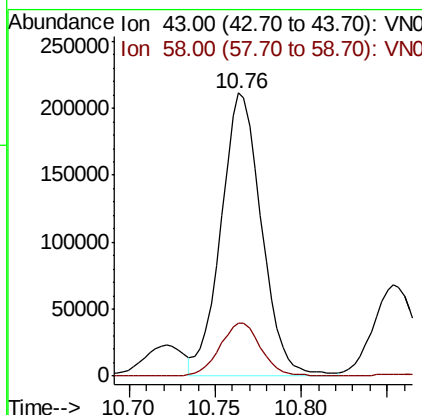
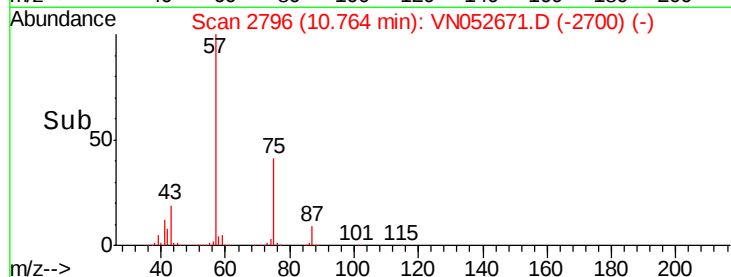
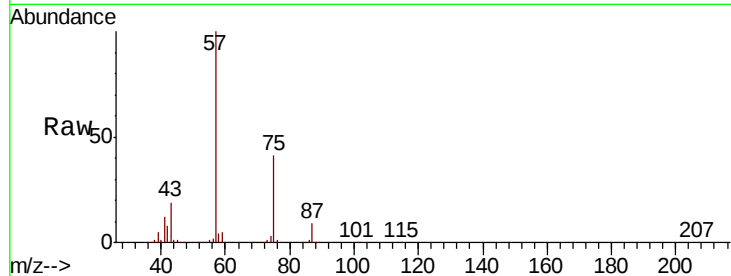




#59
2-Hexanone
Concen: 52.124 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN052671.D
Acq: 5 Dec 2018 12:53

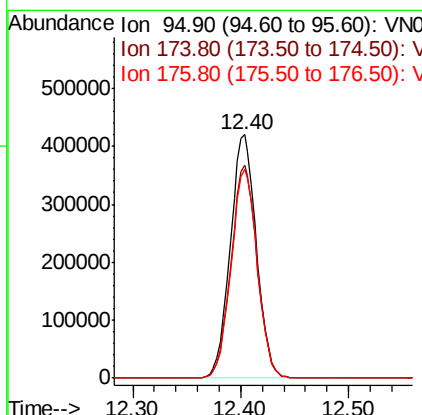
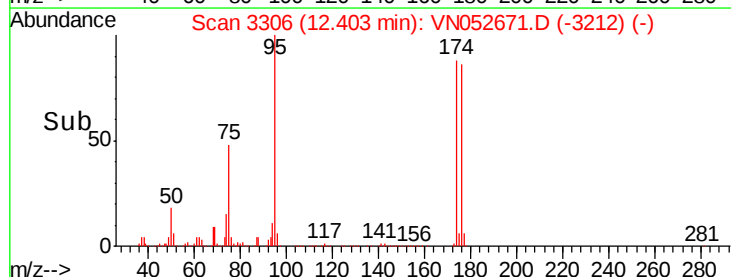
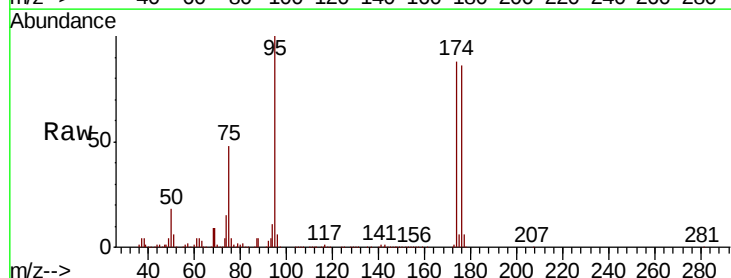
Instrument :
MSVOA_N
ClientSampleId :
PB115330ZHE#02

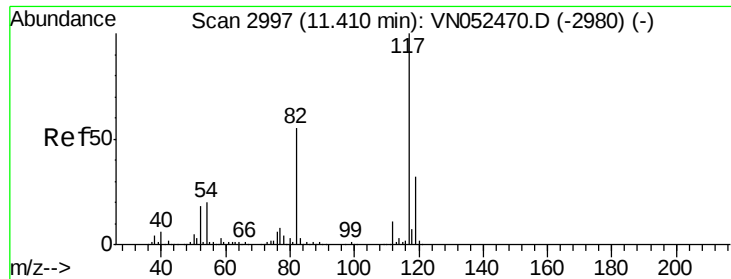
Tot Ion: 43 Resp: 345385
Ion Ratio Lower Upper
43 100
58 19.3 27.4 82.0#



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN052671.D
Acq: 5 Dec 2018 12:53

Tgt Ion: 95 Resp: 705849
Ion Ratio Lower Upper
95 100
174 87.7 0.0 173.0
176 85.9 0.0 166.2

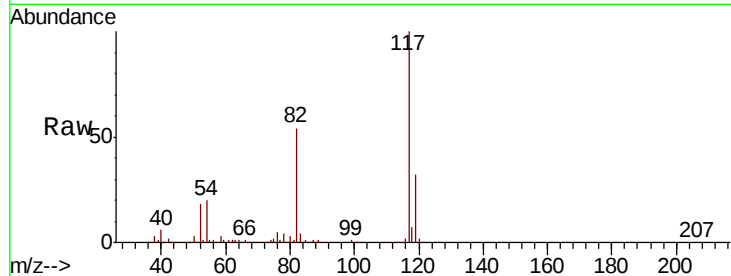




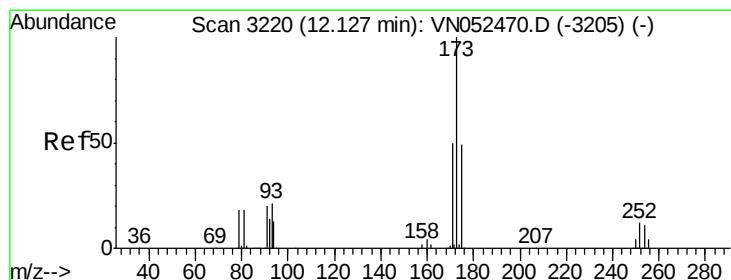
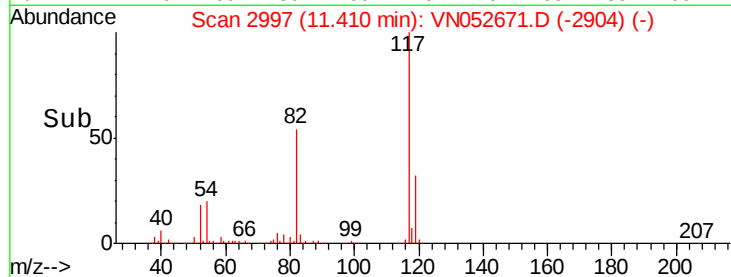
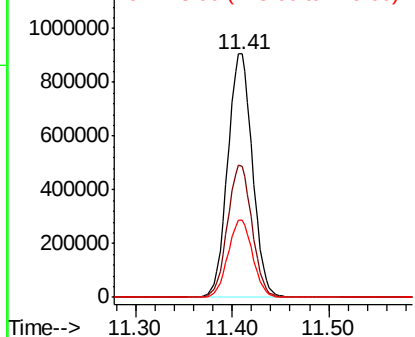
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN052671.D
Acq: 5 Dec 2018 12:53

Instrument :
MSVOA_N
ClientSampleId :
PB115330ZHE#02

Tot Ion:117 Resp: 1603775
Ion Ratio Lower Upper
117 100
82 53.7 43.6 65.4
119 32.0 25.4 38.2

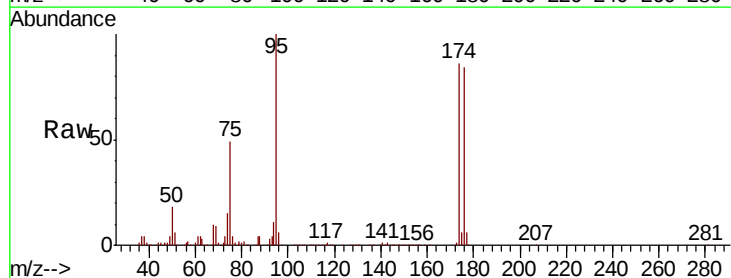


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

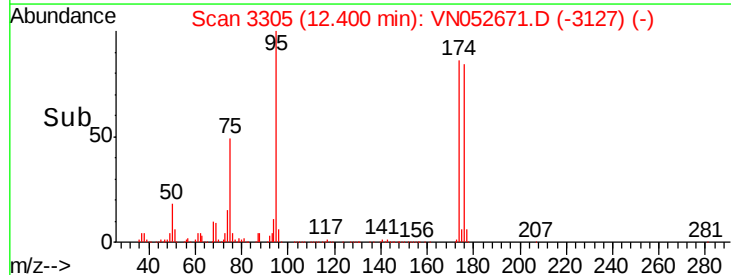
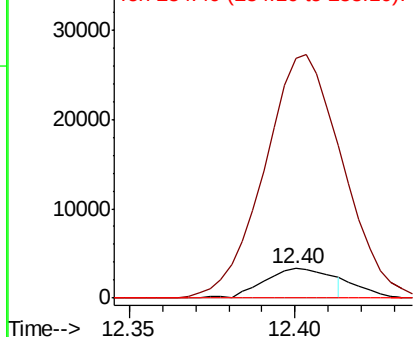


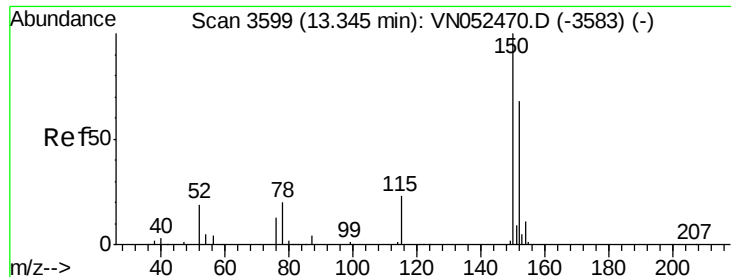
#71
Bromoform
Concen: 0.621 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN052671.D
Acq: 5 Dec 2018 12:53

Tgt Ion:173 Resp: 4725
Ion Ratio Lower Upper
173 100
175 810.4 24.4 73.2#
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN052671.D

Acq: 5 Dec 2018 12:53

Instrument :

MSVOA_N

ClientSampleId :

PB115330ZHE#02

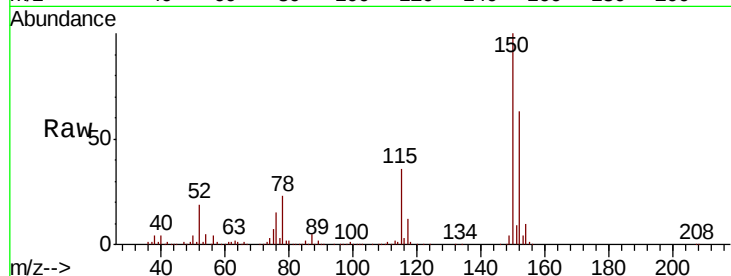
Tot Ion:152 Resp: 615077

Ion Ratio Lower Upper

152 100

115 56.7 28.4 85.2

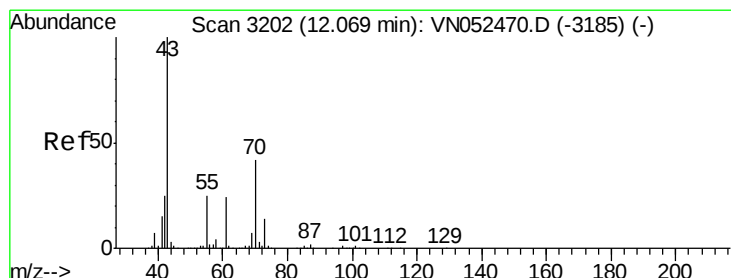
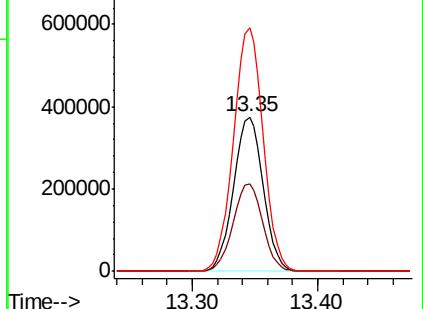
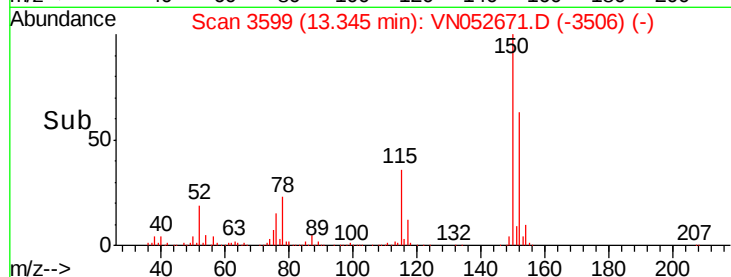
150 158.0 0.0 346.0



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: 3.199 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN052671.D

Acq: 5 Dec 2018 12:53

Tgt Ion: 43 Resp: 38998

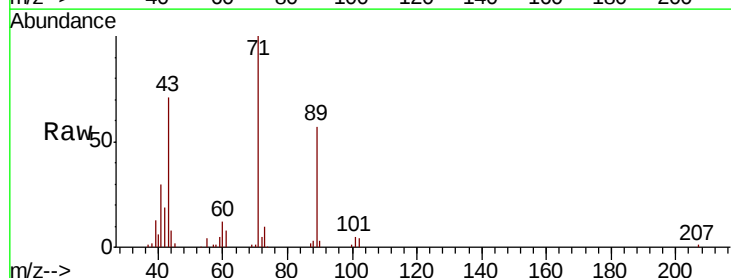
Ion Ratio Lower Upper

43 100

70 1.8 33.8 50.8#

55 4.7 20.0 30.0#

61 11.8 19.7 29.5#

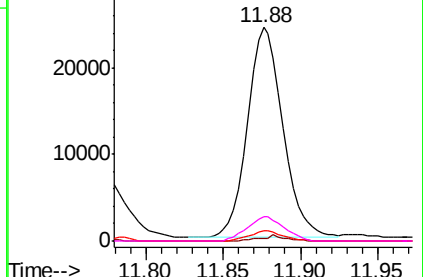
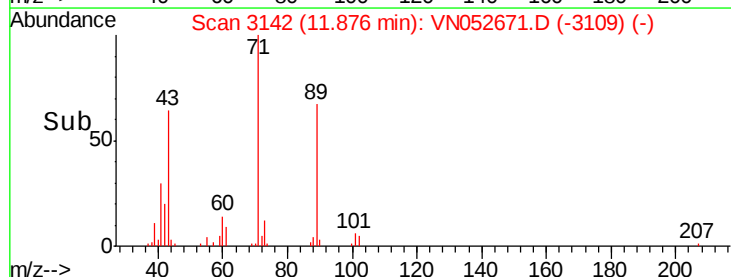


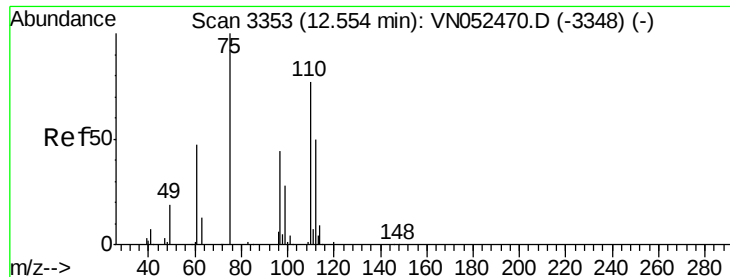
Abundance Ion 43.00 (42.70 to 43.70): V

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: 35.959 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN052671.D

Acq: 5 Dec 2018 12:53

Instrument :

MSVOA_N

ClientSampleId :

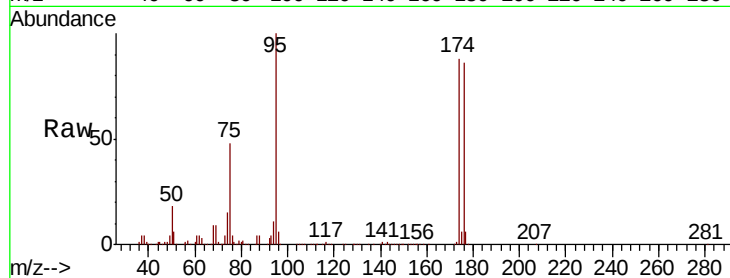
PB115330ZHE#02

Tot Ion: 75 Resp: 341069

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

12.40

200000

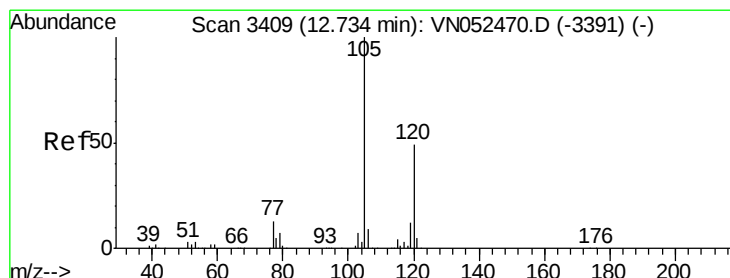
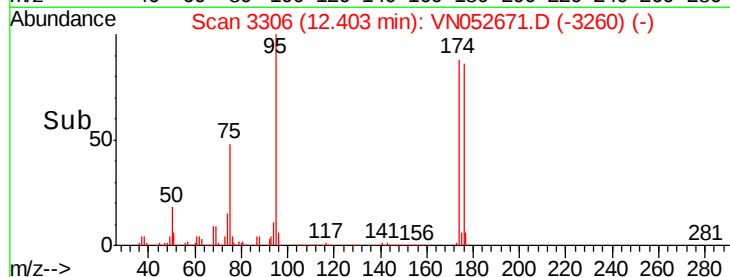
150000

100000

50000

0

Time--> 12.30 12.40 12.50



#80

1,3,5-Trimethylbenzene

Concen: 0.244 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN052671.D

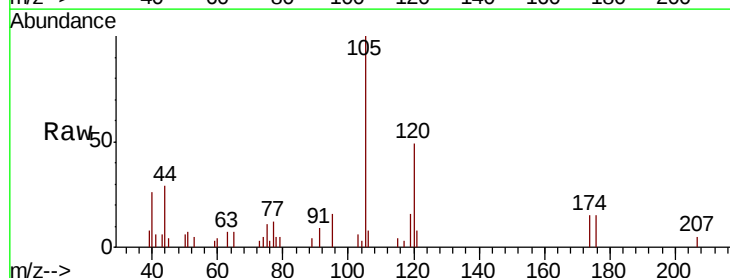
Acq: 5 Dec 2018 12:53

Tgt Ion: 105 Resp: 9398

Ion Ratio Lower Upper

105 100

120 44.7 24.3 73.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.73

6000

5000

4000

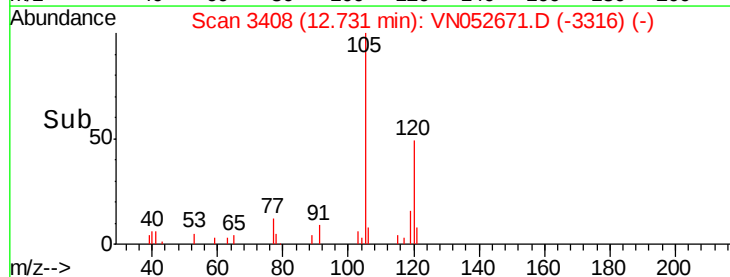
3000

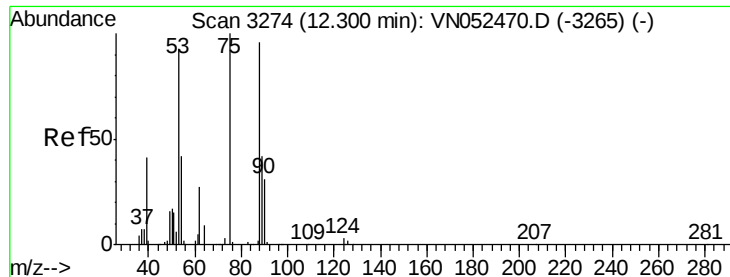
2000

1000

0

Time--> 12.70 12.75





#81

trans-1,4-Dichloro-2-butene

Concen: 120.088 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN052671.D

Acq: 5 Dec 2018 12:53

Instrument :

MSVOA_N

ClientSampleId :

PB115330ZHE#02

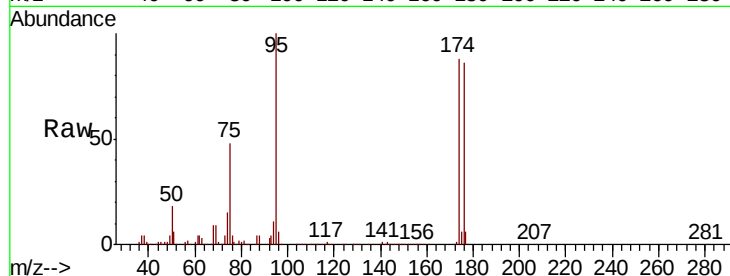
Tot Ion: 75 Resp: 341069

Ion Ratio Lower Upper

75 100

53 0.0 77.4 116.0#

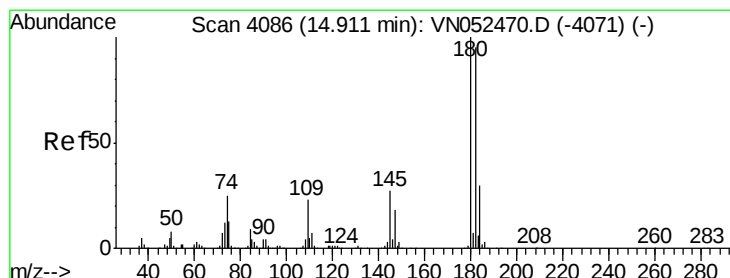
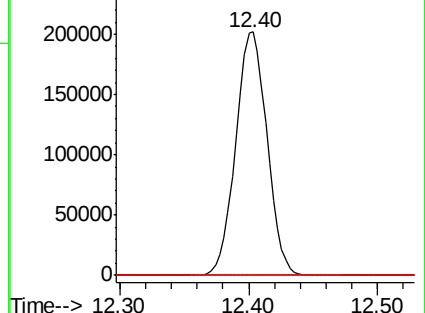
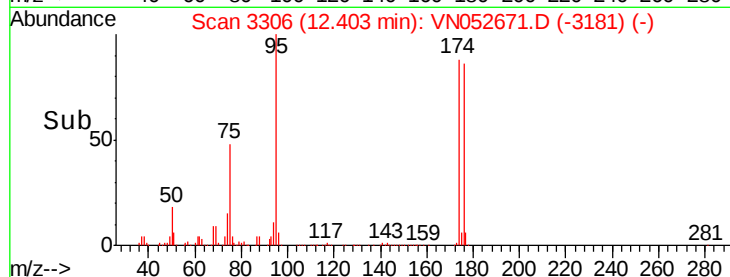
89 0.0 35.4 53.2#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#93

1,2,4-Trichlorobenzene

Concen: 2.882 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. -0.00 min

Lab File: VN052671.D

Acq: 5 Dec 2018 12:53

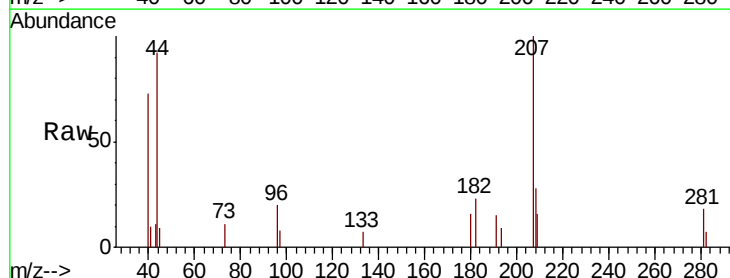
Tgt Ion: 180 Resp: 602

Ion Ratio Lower Upper

180 100

182 126.9 47.8 143.4

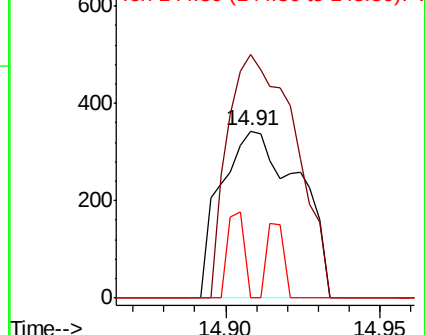
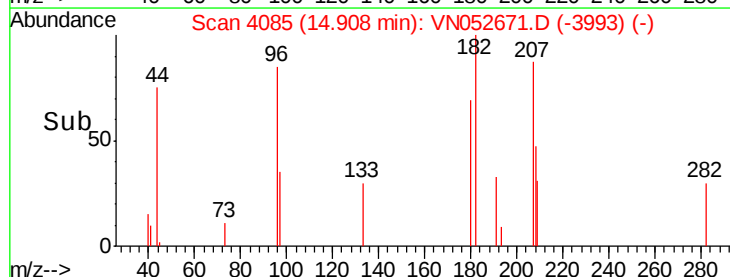
145 11.0 14.1 42.3#

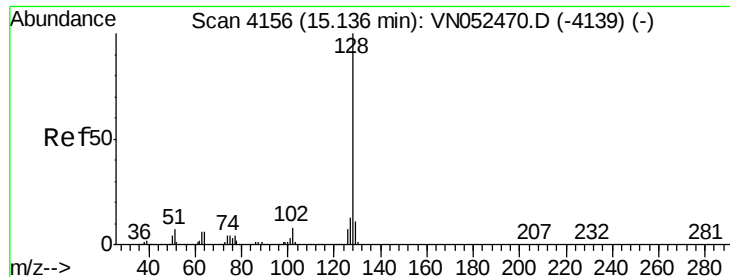


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#95

Naphthalene

Concen: 3.501 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN052671.D

Acq: 5 Dec 2018 12:53

Instrument :

MSVOA_N

ClientSampleId :

PB115330ZHE#02

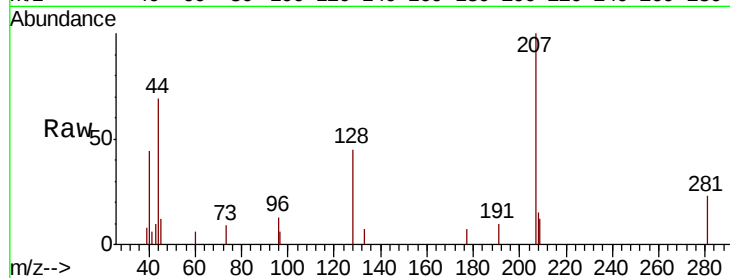
Tot Ion:128 Resp: 1810

Ion Ratio Lower Upper

128 100

127 0.0 10.2 15.2#

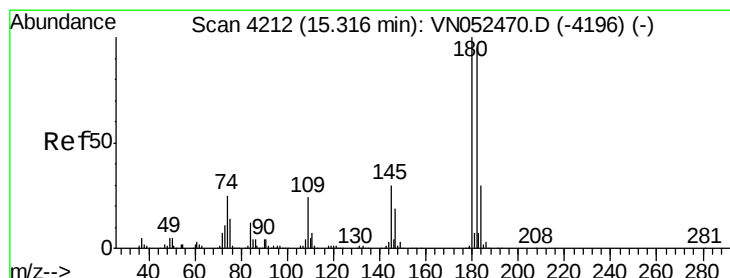
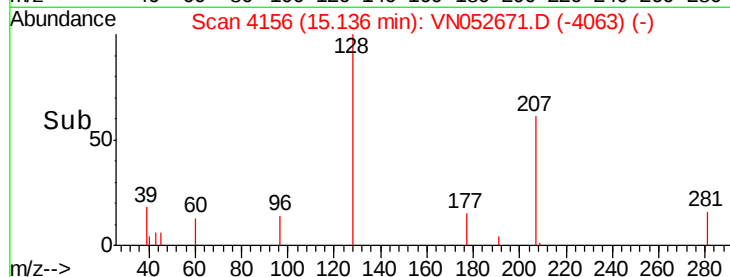
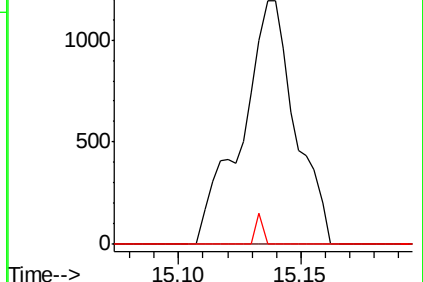
129 1.7 8.7 13.1#



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



#96

1,2,3-Trichlorobenzene

Concen: 2.800 ug/l

RT: 15.32 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN052671.D

Acq: 5 Dec 2018 12:53

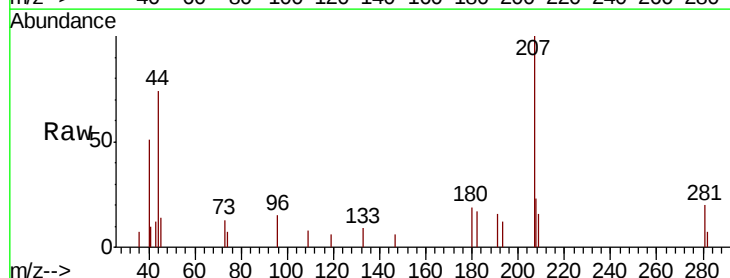
Tgt Ion:180 Resp: 779

Ion Ratio Lower Upper

180 100

182 64.1 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

