

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011819\
 Data File : VN053488.D
 Acq On : 18 Jan 2019 22:25
 Operator : JC/SP
 Sample : K1173-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 31 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 RBR-200050

Quant Time: Jan 19 00:26:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 03:10:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	882865	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1403266	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1352530	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	613858	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	455525	52.20	ug/l	0.00
Spiked Amount			Recovery	=	104.40%	
35) Dibromofluoromethane	7.59	113	403315	50.36	ug/l	0.00
Spiked Amount			Recovery	=	100.72%	
50) Toluene-d8	10.09	98	1753879	51.78	ug/l	0.00
Spiked Amount			Recovery	=	103.56%	
62) 4-Bromofluorobenzene	12.40	95	625260	52.65	ug/l	0.00
Spiked Amount			Recovery	=	105.30%	

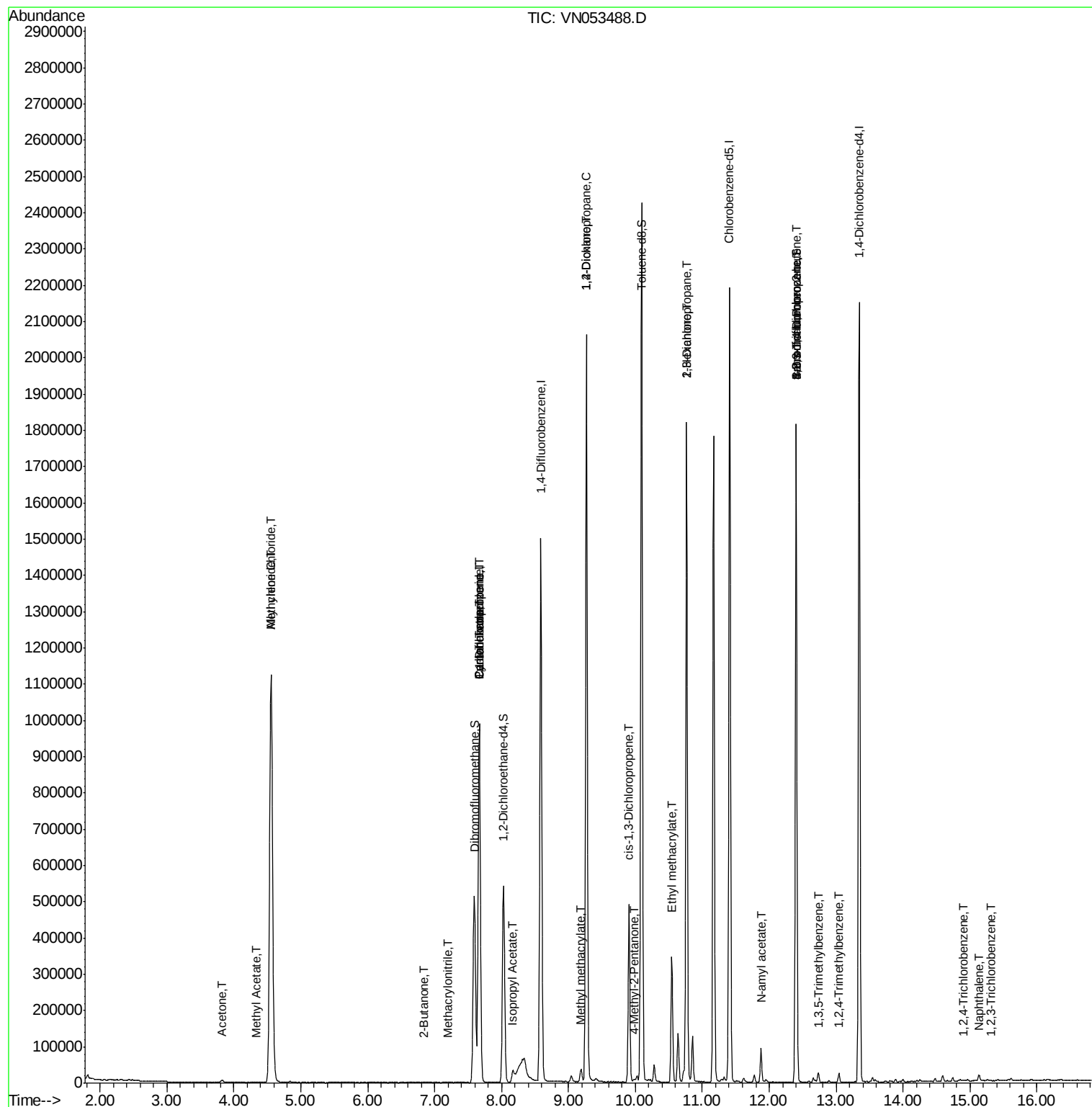
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
14) Allyl chloride	4.56	41	32858	2.574	ug/l #	27
16) Acetone	3.82	43	10671	5.212	ug/l	99
18) Methyl Acetate	4.33	43	3228	0.468	ug/l #	61
20) Methylene Chloride	4.56	84	895572	95.812	ug/l	100
25) 2-Butanone	6.84	43	676	0.214	ug/l #	47
31) Cyclohexane	7.67	56	13680	0.671	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	57579	4.505	ug/l #	49
38) Carbon Tetrachloride	7.67	117	76246	6.302	ug/l #	16
41) Methacrylonitrile	7.20	41	63	0.682	ug/l #	20
43) Isopropyl Acetate	8.17	43	46344	3.505	ug/l #	78
45) 1,2-Dichloropropane	9.27	63	2867	0.279	ug/l #	43
48) Methyl methacrylate	9.18	41	12426	1.820	ug/l #	12
49) 1,4-Dioxane	9.27	88	248	3.720	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	6007	0.832	ug/l	91
54) cis-1,3-Dichloropropene	9.90	75	94627	6.408	ug/l #	61
56) Ethyl methacrylate	10.54	69	1461	2.176	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	19978	1.389	ug/l #	43
59) 2-Hexanone	10.76	43	256140	50.557	ug/l #	50
71) Bromoform	12.41	173	3765	0.549	ug/l #	1
74) N-amyl acetate	11.88	43	28029	2.339	ug/l #	52
76) 1,2,3-Trichloropropane	12.40	75	291070	35.981	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	13565	0.371	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	291070	88.979	ug/l #	15
84) 1,2,4-Trimethylbenzene	13.04	105	15416	0.418	ug/l	99
93) 1,2,4-Trichlorobenzene	14.91	180	500	2.822	ug/l	93
95) Naphthalene	15.13	128	15492	4.901	ug/l	98
96) 1,2,3-Trichlorobenzene	15.31	180	97	3.919	ug/l #	60

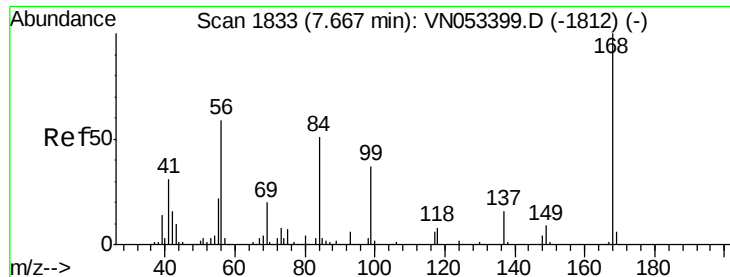
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jan 16 03:10:53 2019
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: VN053488.D

Acq: 18 Jan 2019 22:25

Instrument :

MSVOA_N

ClientSampleId :

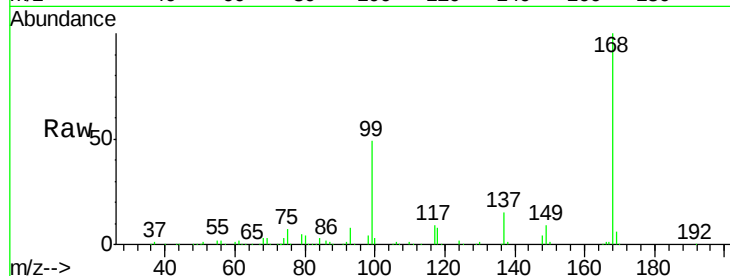
RBR-200050

Tot Ion:168 Resp: 882865

Ion Ratio Lower Upper

168 100

99 48.8 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

400000

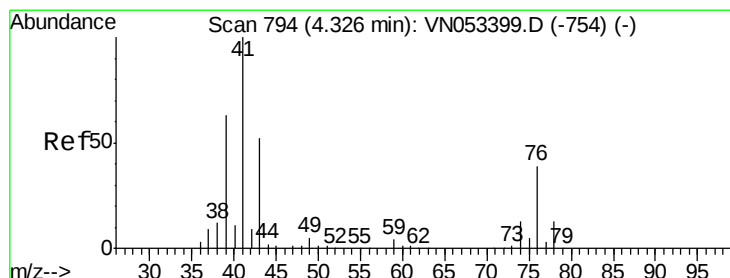
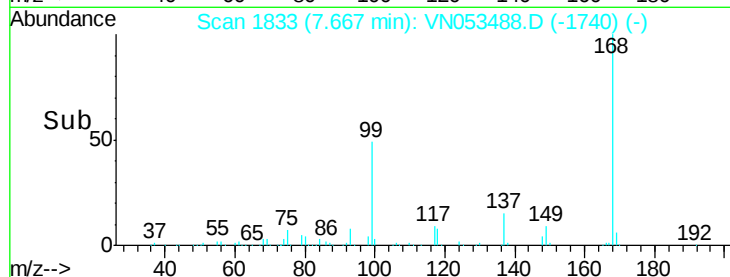
300000

200000

100000

0

Time-->



#14

Allyl chloride

Concen: 2.574 ug/l

RT: 4.56 min Scan# 866

Delta R.T. 0.23 min

Lab File: VN053488.D

Acq: 18 Jan 2019 22:25

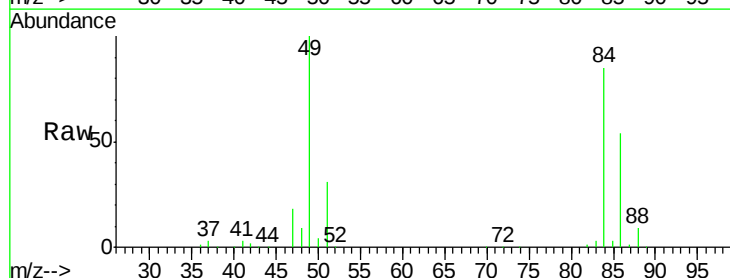
Tgt Ion: 41 Resp: 32858

Ion Ratio Lower Upper

41 100

39 0.2 48.9 73.3#

76 0.0 29.4 44.2#



Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 75.90 (75.60 to 76.60): VNO

4.56

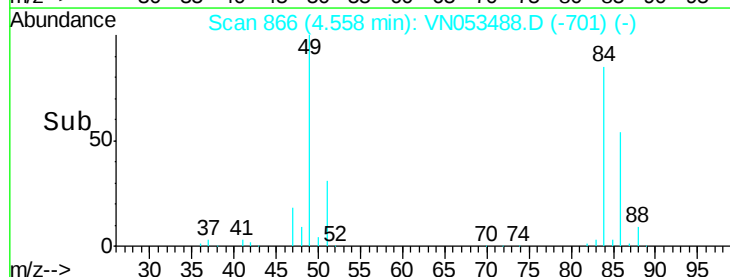
15000

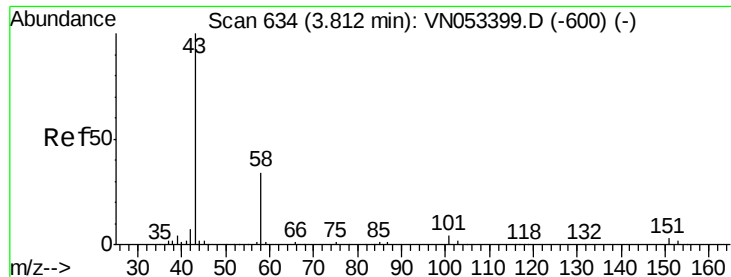
10000

5000

0

Time-->





#16

Acetone

Concen: 5.212 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN053488.D

Acq: 18 Jan 2019 22:25

Instrument :

MSVOA_N

ClientSampled :

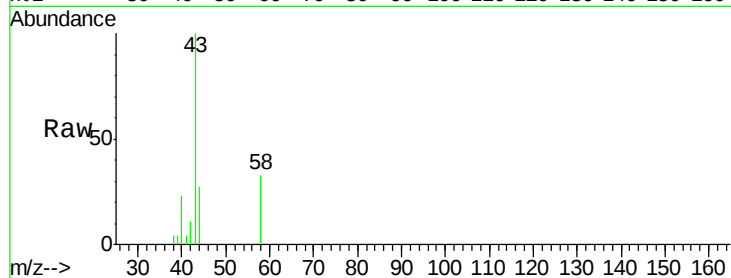
RBR-200050

Tot Ion: 43 Resp: 10671

Ion Ratio Lower Upper

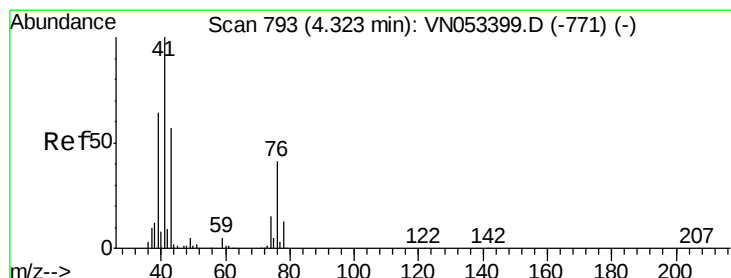
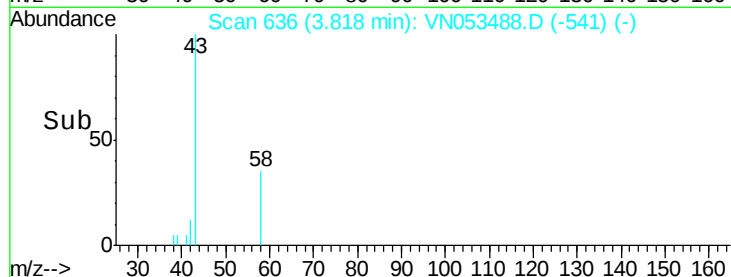
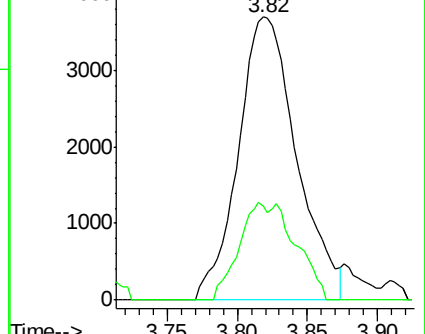
43 100

58 33.4 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Methyl Acetate

Concen: 0.468 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.01 min

Lab File: VN053488.D

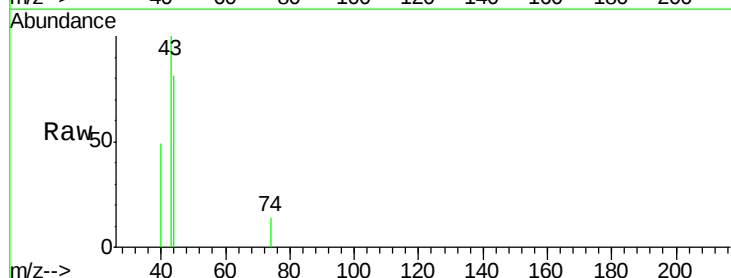
Acq: 18 Jan 2019 22:25

Tgt Ion: 43 Resp: 3228

Ion Ratio Lower Upper

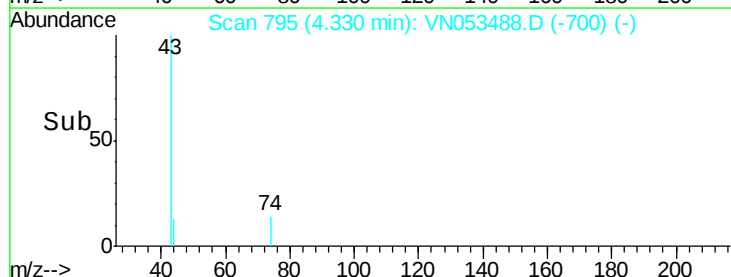
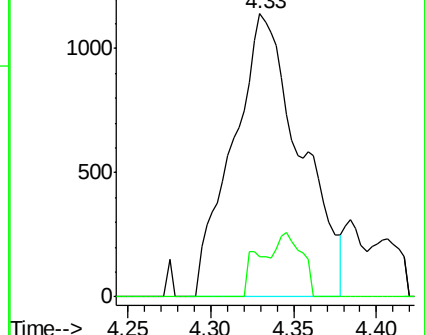
43 100

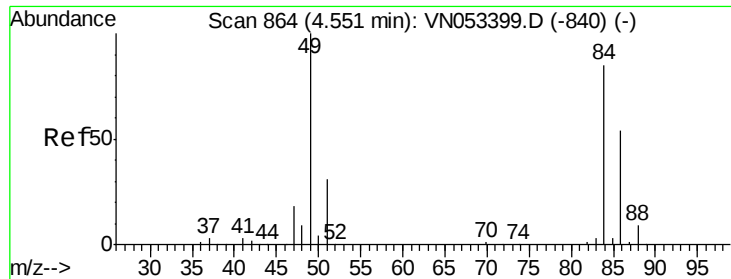
74 5.0 19.4 29.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

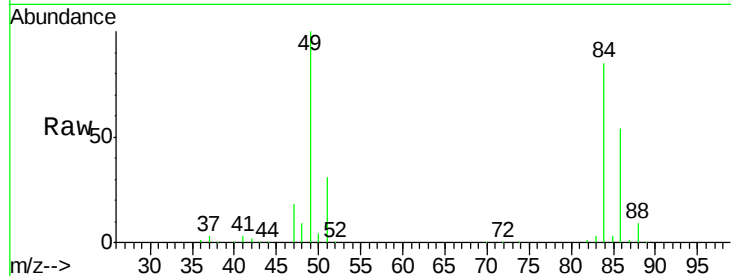




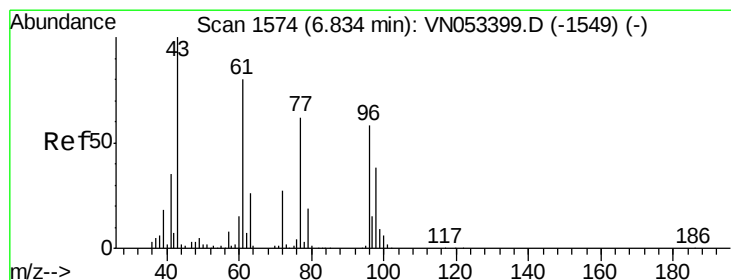
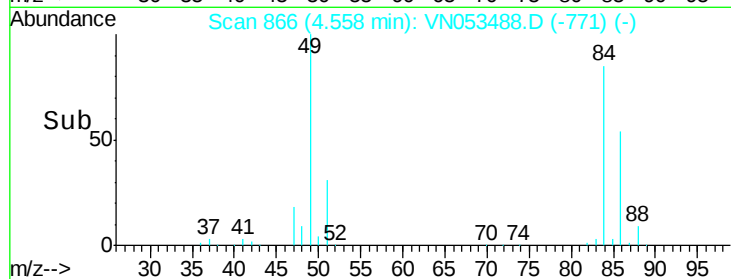
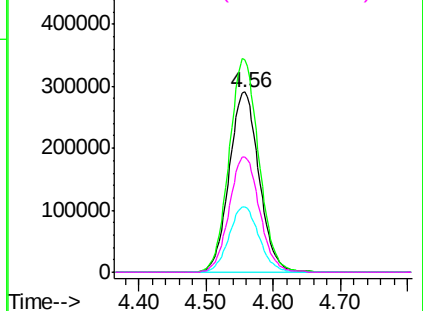
#20
Methvlene Chloride
Concen: 95.812 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.01 min
Lab File: VN053488.D
Acq: 18 Jan 2019 22:25

Instrument :
MSVOA_N
ClientSampled :
RBR-200050

Tot Ion:	84	Resp:	895572
Ion	Ratio	Lower	Upper
84	100		
49	118.1	94.3	141.5
51	36.2	29.4	44.2
86	64.1	51.4	77.0

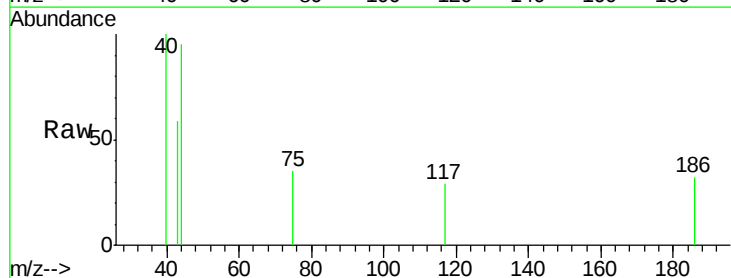


Abundance Ion 83.90 (83.60 to 84.60): VNC
Ion 48.90 (48.60 to 49.60): VNC
Ion 50.90 (50.60 to 51.60): VNC
Ion 85.90 (85.60 to 86.60): VNC

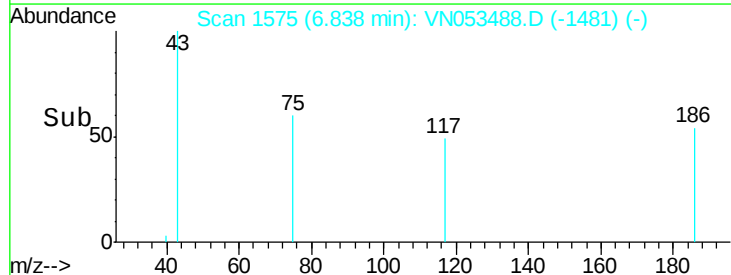
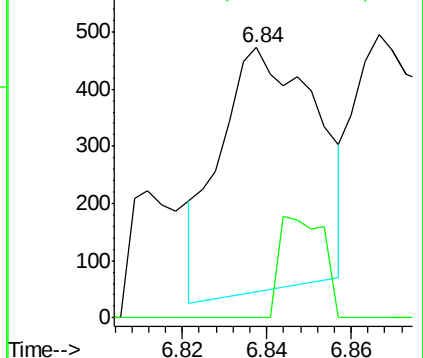


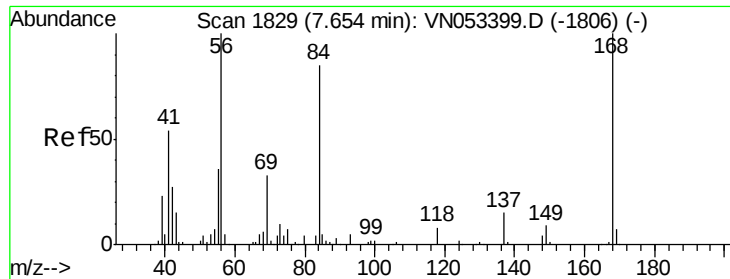
#25
2-Butanone
Concen: 0.214 ug/l
RT: 6.84 min Scan# 1575
Delta R.T. 0.00 min
Lab File: VN053488.D
Acq: 18 Jan 2019 22:25

Tgt Ion:	43	Resp:	676
Ion	Ratio	Lower	Upper
43	100		
72	0.0	22.0	33.0#



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





#31

Cyclohexane

Concen: 0.671 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.01 min

Lab File: VN053488.D

Acq: 18 Jan 2019 22:25

Instrument :

MSVOA_N

ClientSampled :

RBR-200050

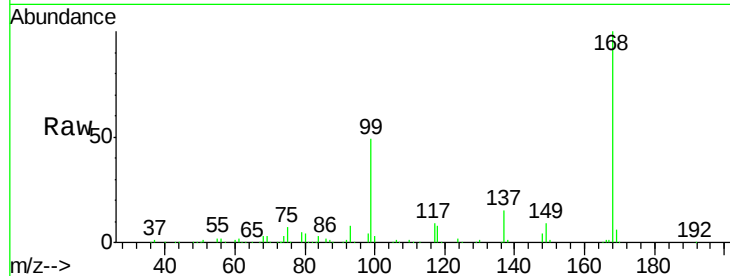
Tot Ion: 56 Resp: 13680

Ion Ratio Lower Upper

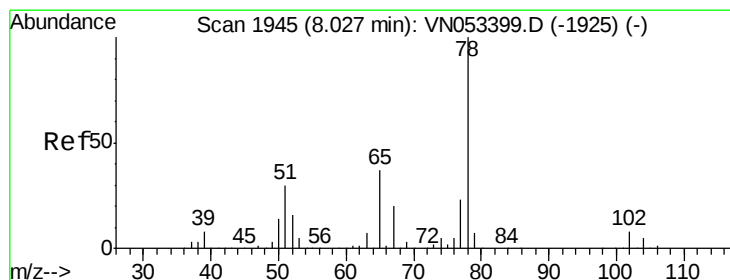
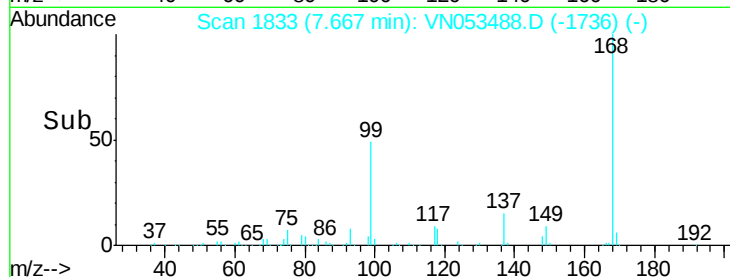
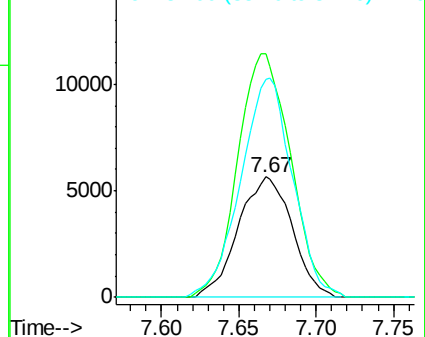
56 100

69 202.4 26.4 39.6#

84 178.0 67.9 101.9#



Abundance Ion 56.00 (55.70 to 56.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 84.00 (83.70 to 84.70): VNC



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053488.D

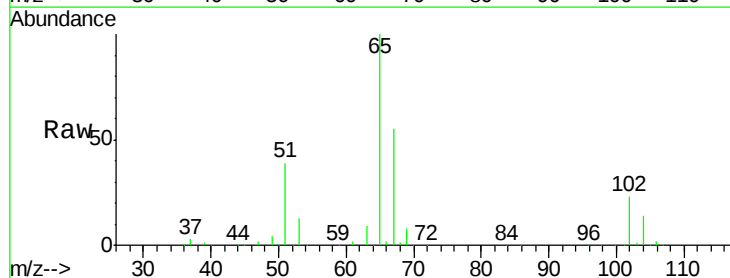
Acq: 18 Jan 2019 22:25

Tgt Ion: 65 Resp: 455525

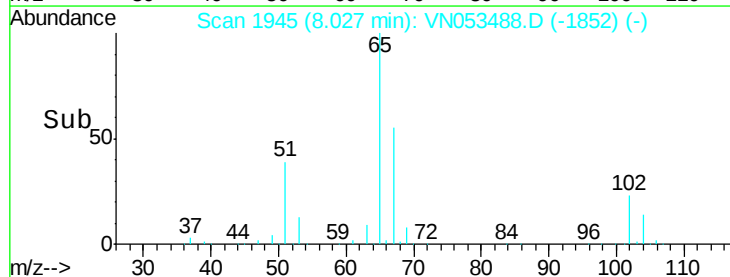
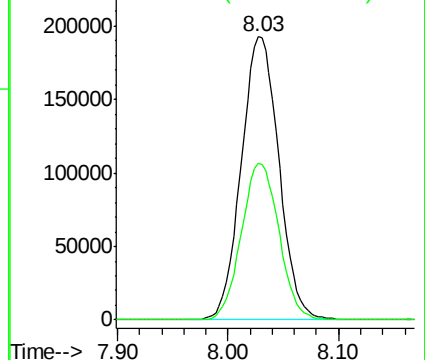
Ion Ratio Lower Upper

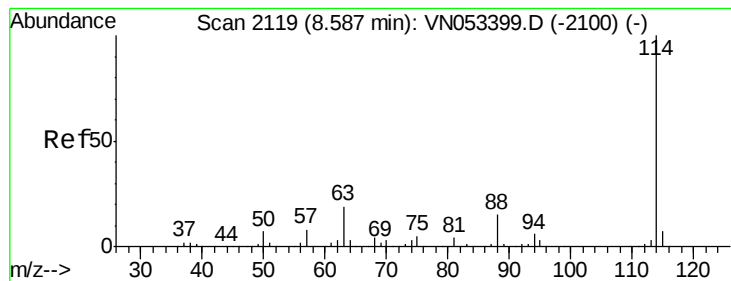
65 100

67 55.6 0.0 111.2



Abundance Ion 64.90 (64.60 to 65.60): VNC
Ion 66.90 (66.60 to 67.60): VNC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN053488.D

Acq: 18 Jan 2019 22:25

Instrument :

MSVOA_N

ClientSampleId :

RBR-200050

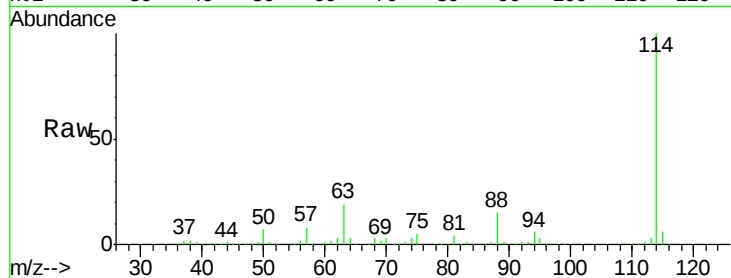
Tot Ion:114 Resp: 1403266

Ion Ratio Lower Upper

114 100

63 19.4 0.0 38.6

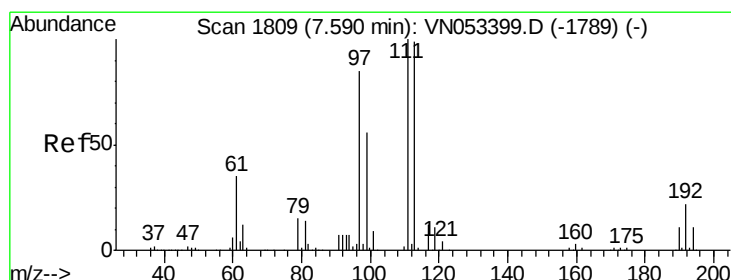
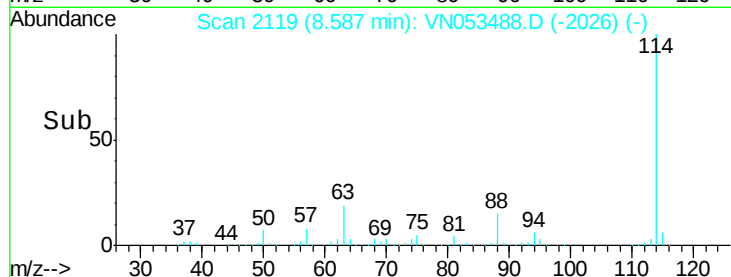
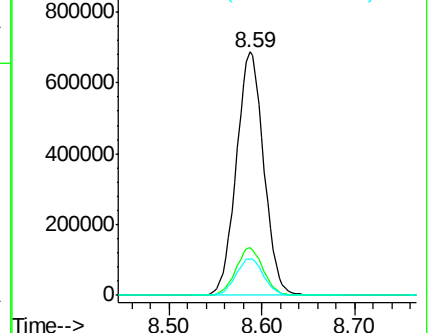
88 15.1 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN053488.D

Acq: 18 Jan 2019 22:25

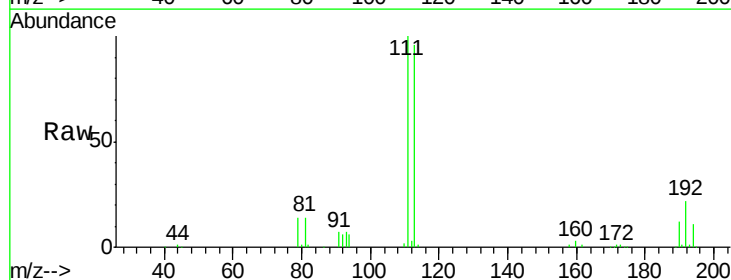
Tgt Ion:113 Resp: 403315

Ion Ratio Lower Upper

113 100

111 102.7 81.1 121.7

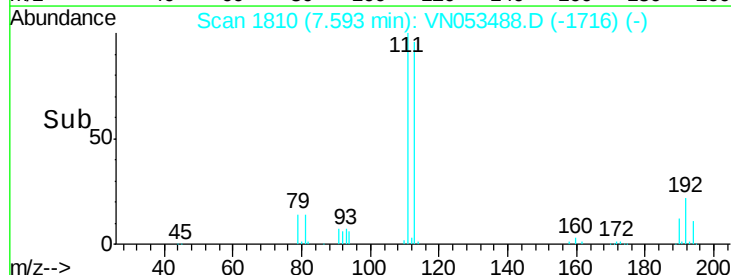
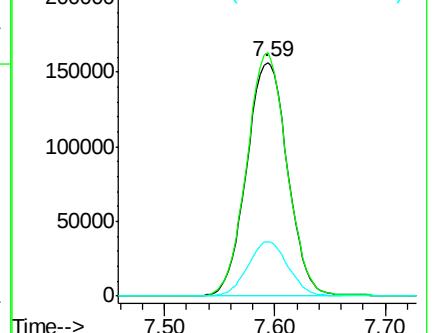
192 23.0 18.2 27.2

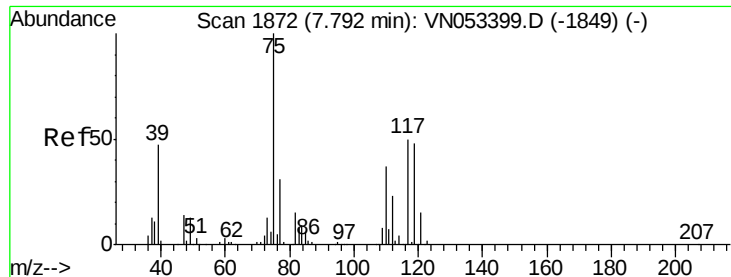


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.505 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.13 min

Lab File: VN053488.D

Acq: 18 Jan 2019 22:25

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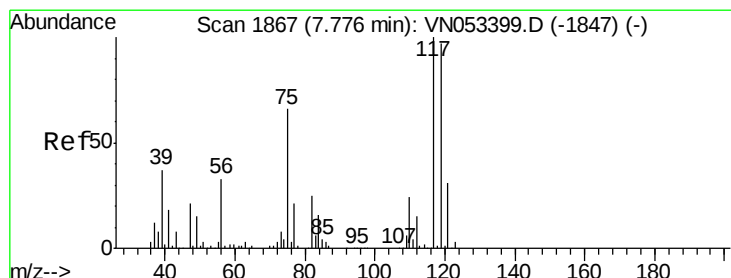
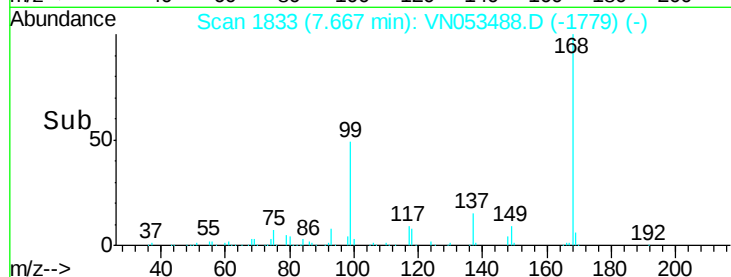
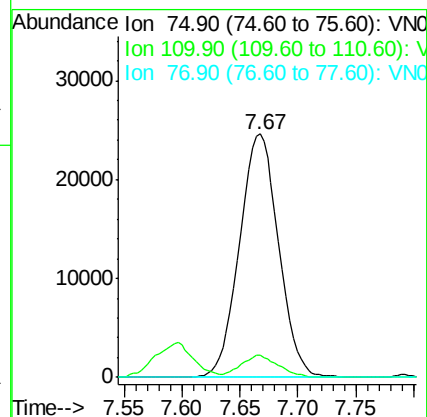
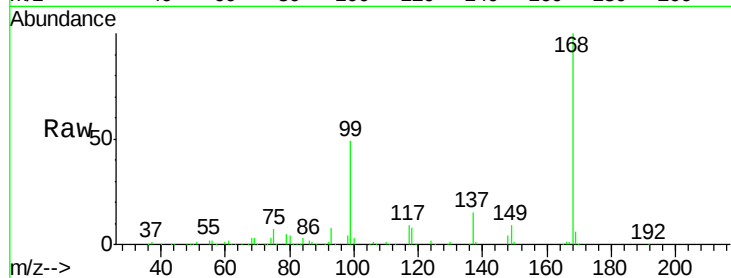
Tot Ion: 75 Resp: 57579

Ion Ratio Lower Upper

75 100

110 8.8 18.1 54.3#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 6.302 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN053488.D

Acq: 18 Jan 2019 22:25

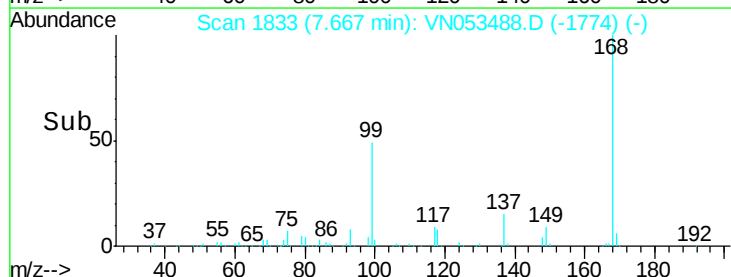
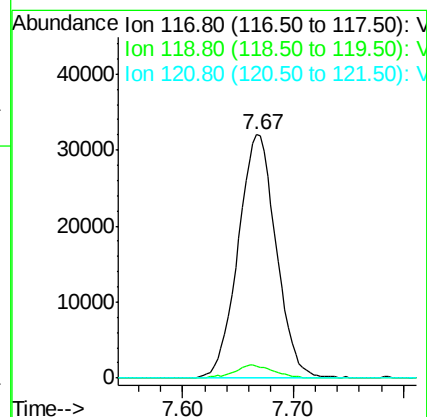
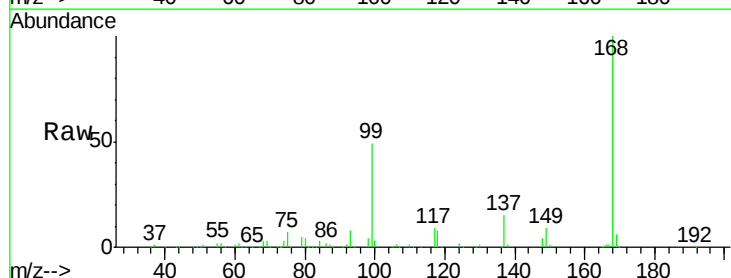
Tgt Ion: 117 Resp: 76246

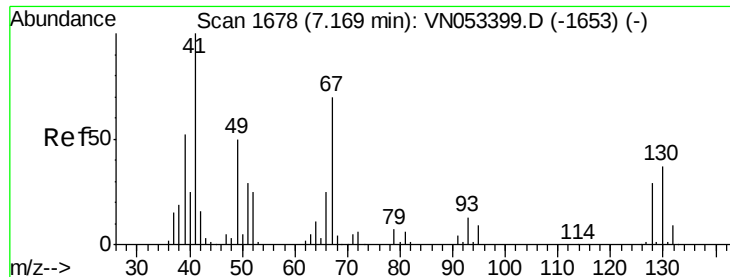
Ion Ratio Lower Upper

117 100

119 4.9 77.2 115.8#

121 0.0 24.6 37.0#





#41

Methacrylonitrile

Concen: 0.682 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.03 min

Lab File: VN053488.D

Acq: 18 Jan 2019 22:25

Instrument :

MSVOA_N

ClientSampleId :

RBR-200050

Tot Ion: 41 Resp: 63

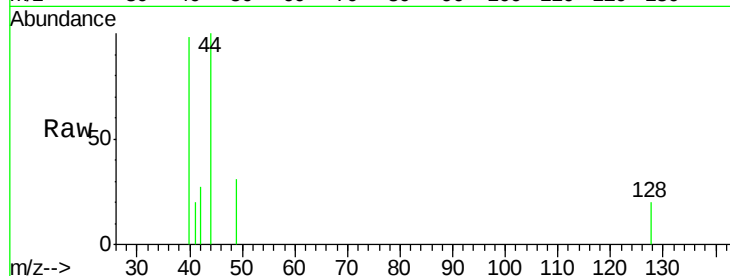
Ion Ratio Lower Upper

41 100

39 0.0 46.8 70.2#

67 0.0 63.0 94.6#

52 0.0 23.8 35.8#

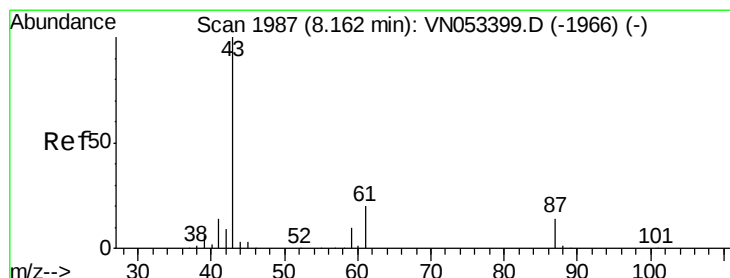
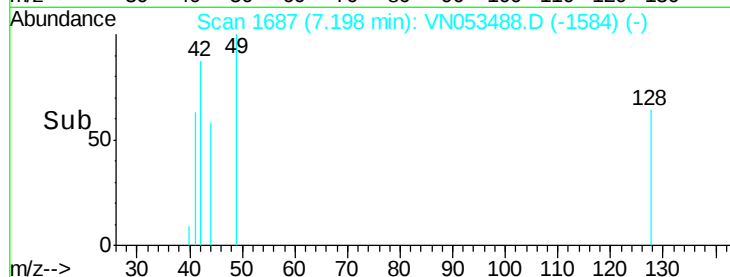
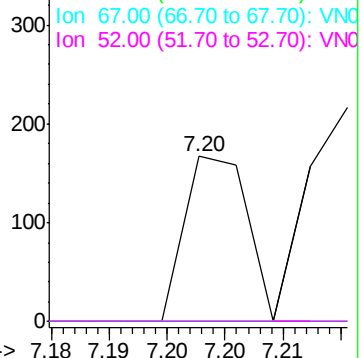


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#43

Isopropyl Acetate

Concen: 3.505 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN053488.D

Acq: 18 Jan 2019 22:25

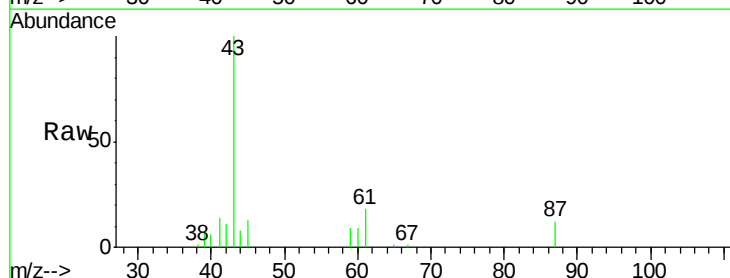
Tgt Ion: 43 Resp: 46344

Ion Ratio Lower Upper

43 100

61 15.3 23.9 35.9#

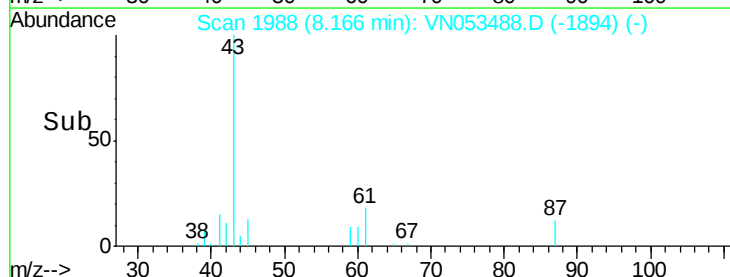
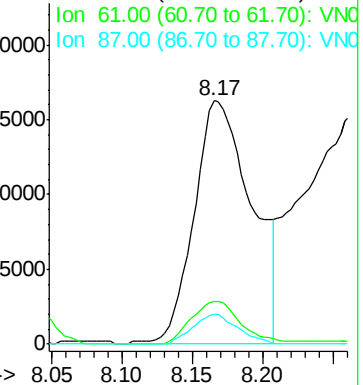
87 9.5 11.0 16.6#

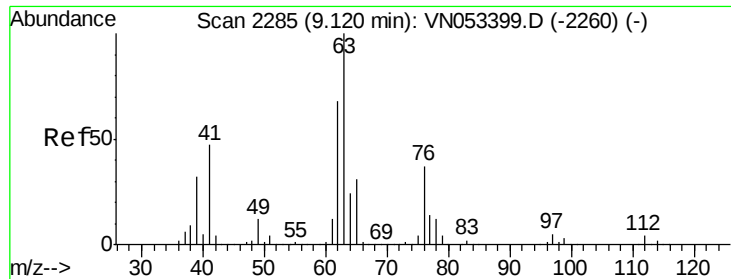


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0





#45

1,2-Dichloropropane

Concen: 0.279 ug/l

RT: 9.27 min Scan# 2331

Delta R.T. 0.15 min

Lab File: VN053488.D

Acq: 18 Jan 2019 22:25

Instrument :

MSVOA_N

ClientSampleId :

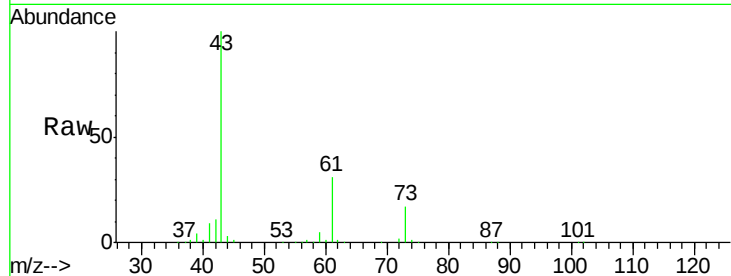
RBR-200050

Tot Ion: 63 Resp: 2867

Ion Ratio Lower Upper

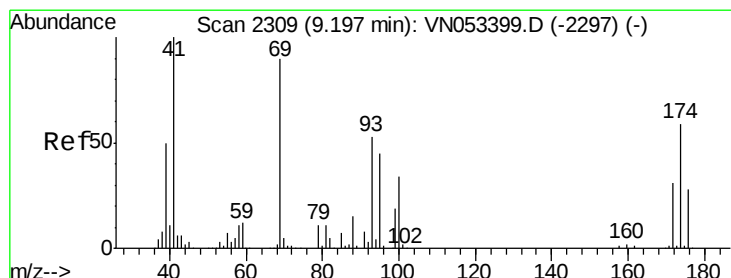
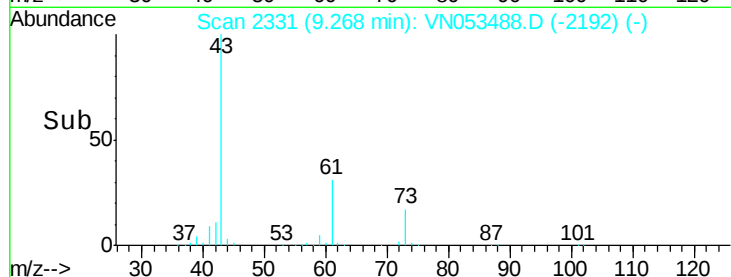
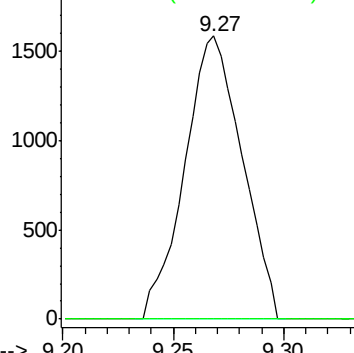
63 100

65 0.0 25.0 37.4#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#48

Methyl methacrylate

Concen: 1.820 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. -0.02 min

Lab File: VN053488.D

Acq: 18 Jan 2019 22:25

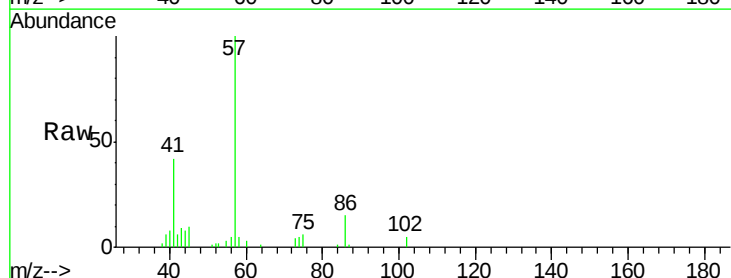
Tgt Ion: 41 Resp: 12426

Ion Ratio Lower Upper

41 100

69 0.0 73.8 110.6#

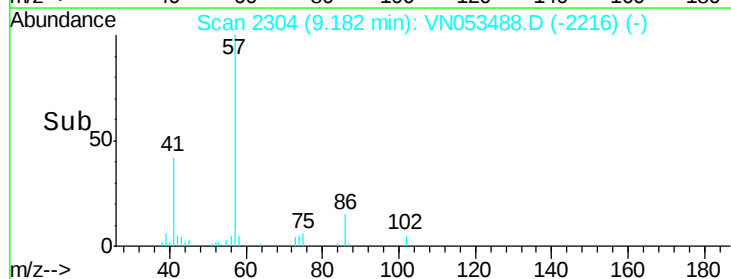
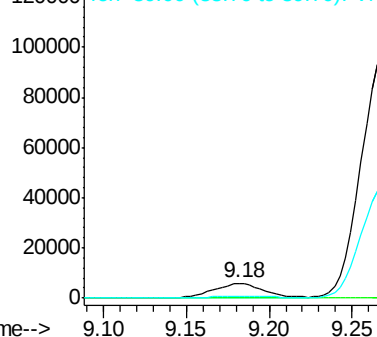
39 0.0 40.0 60.0#

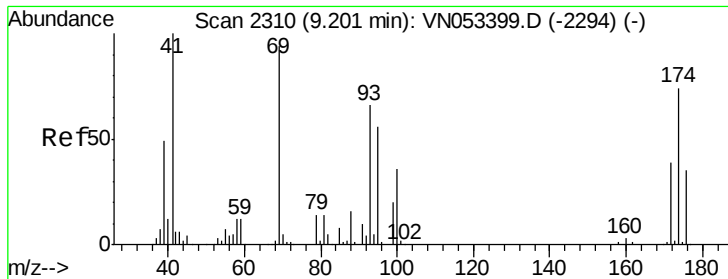


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 3.720 ug/l

RT: 9.27 min Scan# 2331

Delta R.T. 0.07 min

Lab File: VN053488.D

Acq: 18 Jan 2019 22:25

Instrument :

MSVOA_N

ClientSampled :

RBR-200050

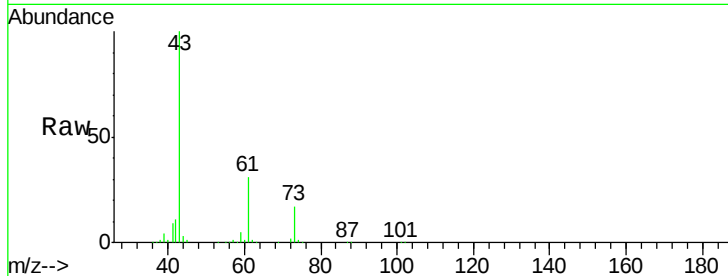
Tot Ion: 88 Resp: 248

Ion Ratio Lower Upper

88 100

43 804400.0 27.8 41.6#

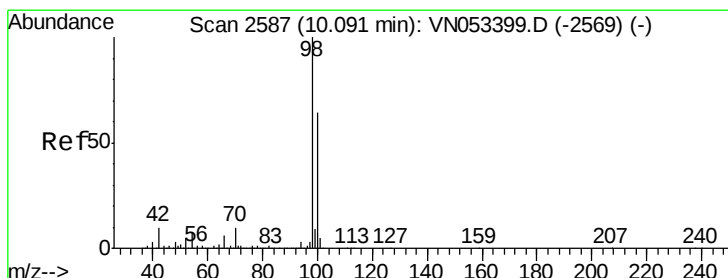
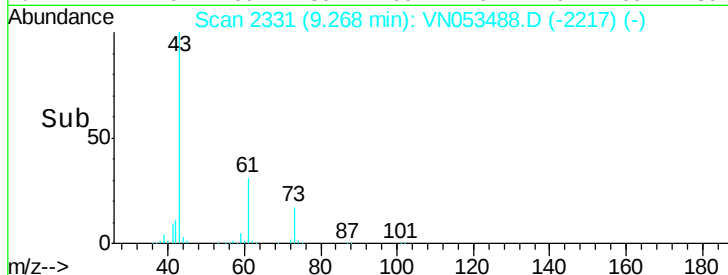
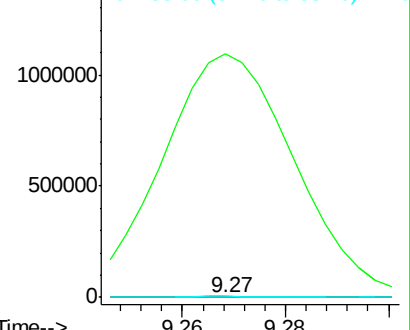
58 3704.4 56.5 84.7#



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: 3.720 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053488.D

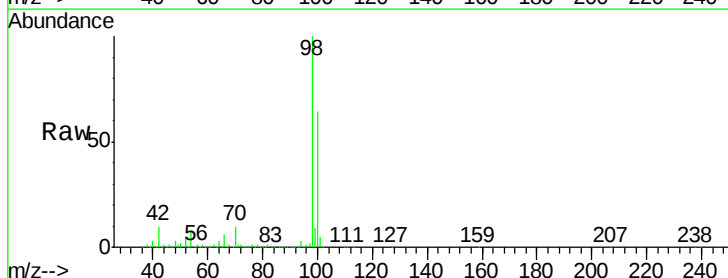
Acq: 18 Jan 2019 22:25

Tgt Ion: 98 Resp: 1753879

Ion Ratio Lower Upper

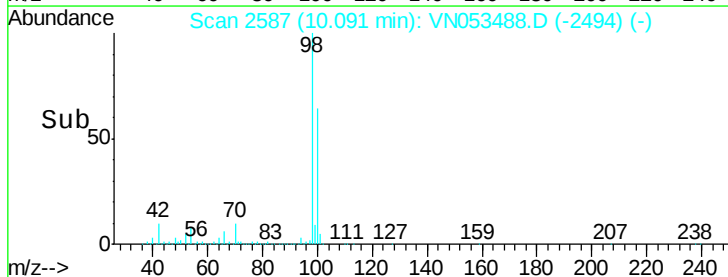
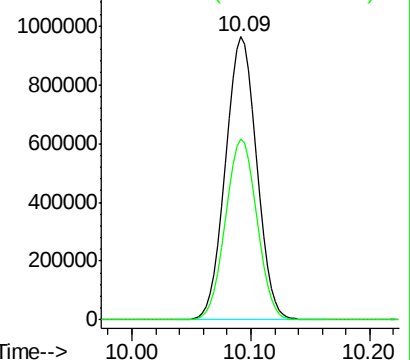
98 100

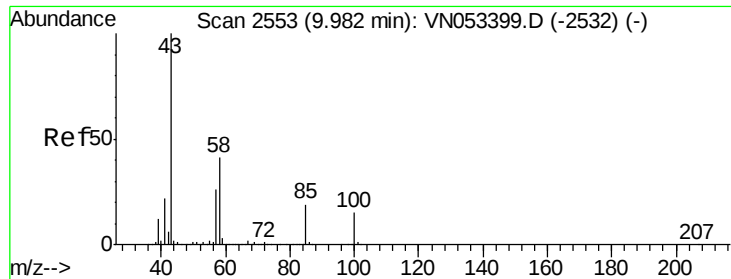
100 64.3 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

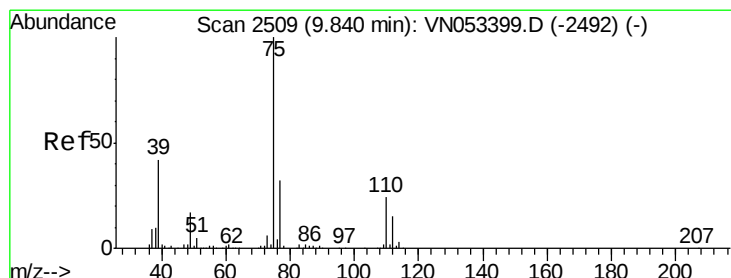
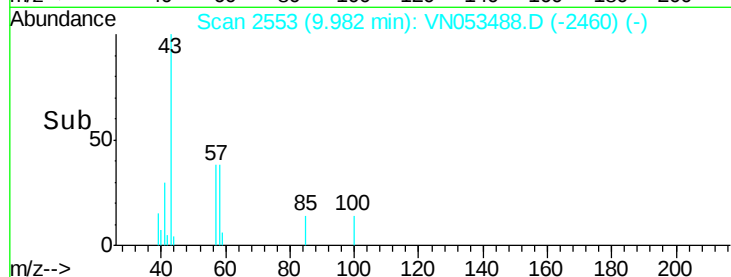
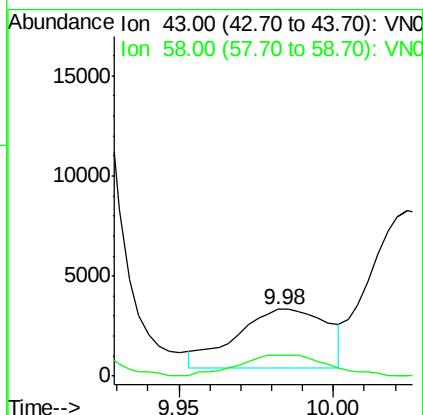
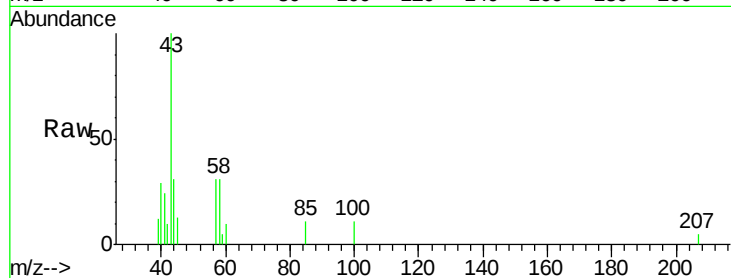




#51
 4-Methyl-2-Pentanone
 Concen: 0.832 ug/l
 RT: 9.98 min Scan# 2553
 Delta R.T. 0.00 min
 Lab File: VN053488.D
 Acq: 18 Jan 2019 22:25

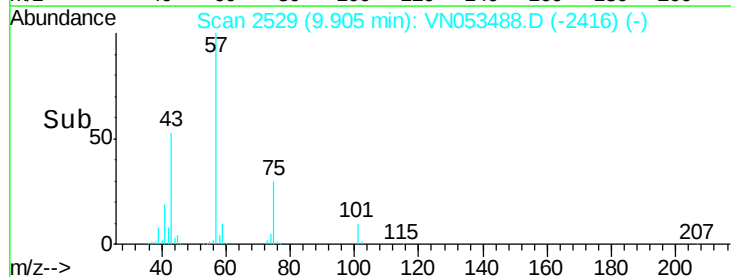
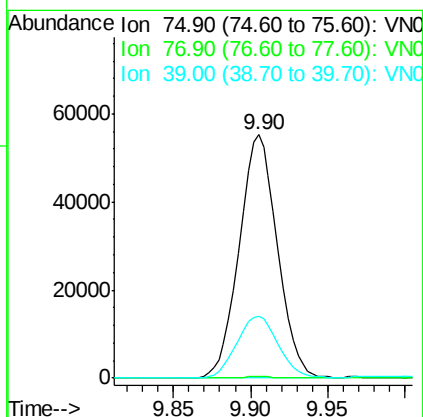
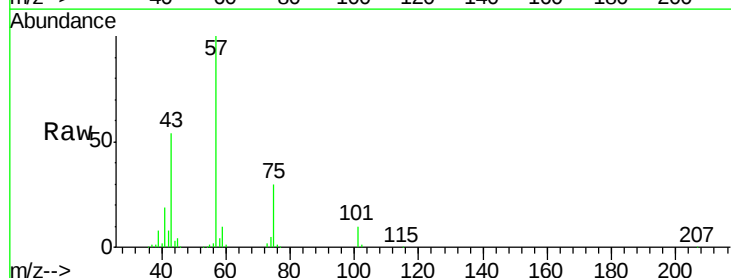
Instrument :
 MSVOA_N
 ClientSampled :
 RBR-200050

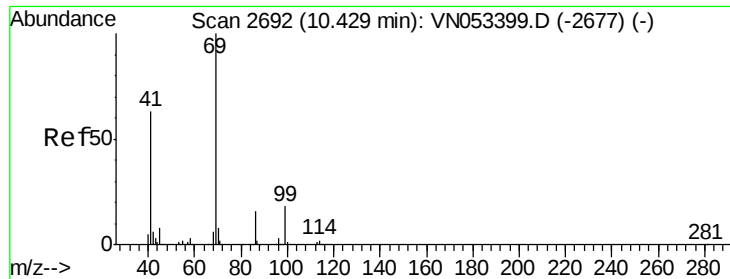
Tot Ion: 43 Resp: 6007
 Ion Ratio Lower Upper
 43 100
 58 35.4 32.8 49.2



#54
 cis-1,3-Dichloropropene
 Concen: 6.408 ug/l
 RT: 9.90 min Scan# 2529
 Delta R.T. 0.06 min
 Lab File: VN053488.D
 Acq: 18 Jan 2019 22:25

Tgt Ion: 75 Resp: 94627
 Ion Ratio Lower Upper
 75 100
 77 0.6 25.8 38.6#
 39 25.4 33.4 50.0#





#56

Ethyl methacrylate

Concen: 2.176 ug/l

RT: 10.54 min Scan# 2728

Delta R.T. 0.12 min

Lab File: VN053488.D

Acq: 18 Jan 2019 22:25

Instrument :

MSVOA_N

ClientSampleId :

RBR-200050

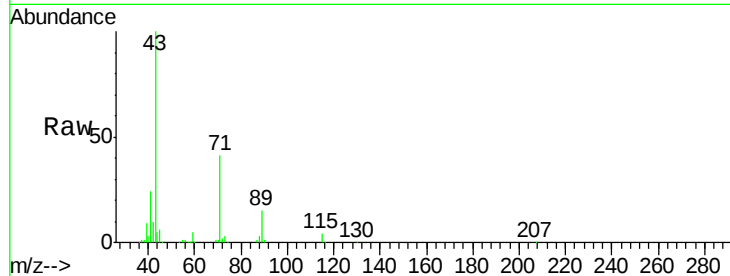
Tot Ion: 69 Resp: 1461

Ion Ratio Lower Upper

69 100

41 4097.5 49.4 74.0#

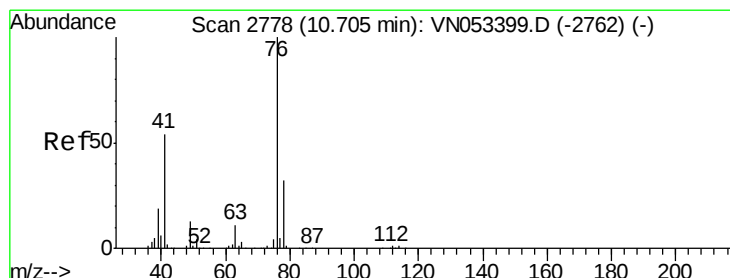
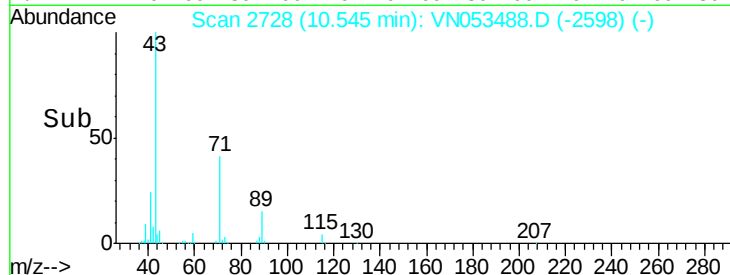
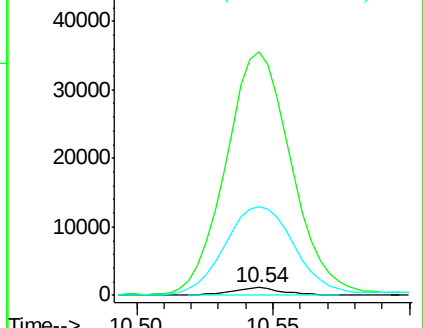
39 1597.4 23.3 34.9#



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: 1.389 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN053488.D

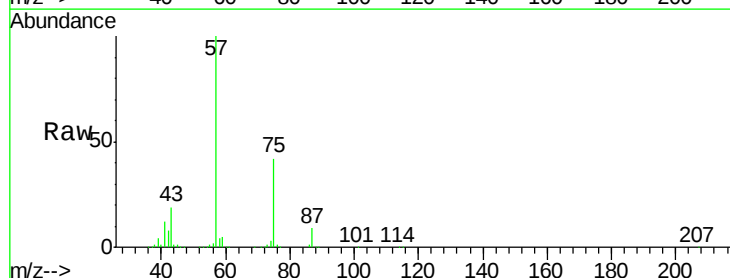
Acq: 18 Jan 2019 22:25

Tgt Ion: 76 Resp: 19978

Ion Ratio Lower Upper

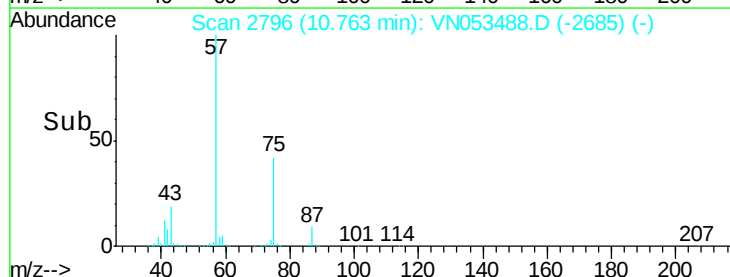
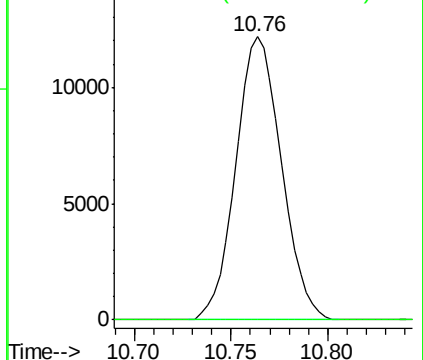
76 100

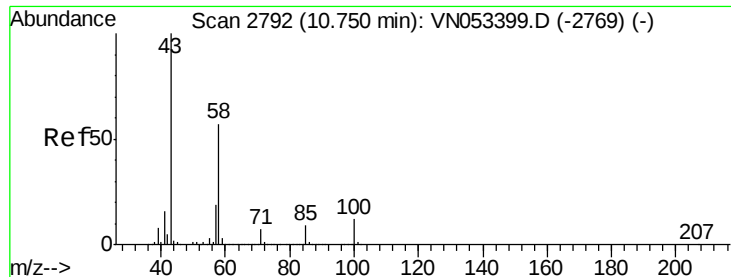
78 0.0 25.6 38.4#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

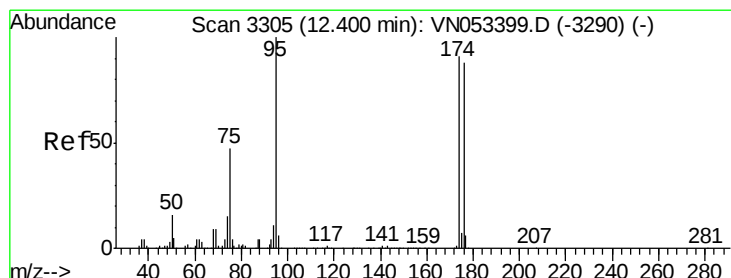
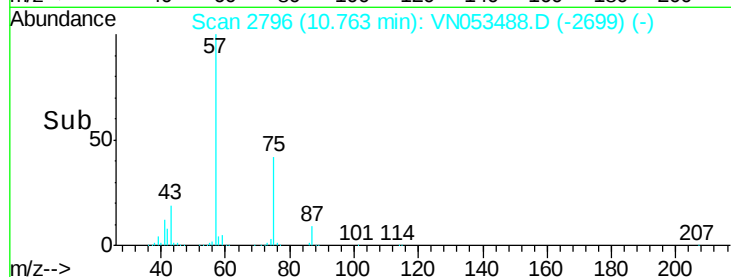
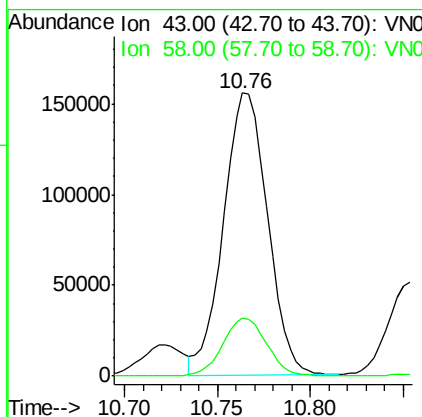
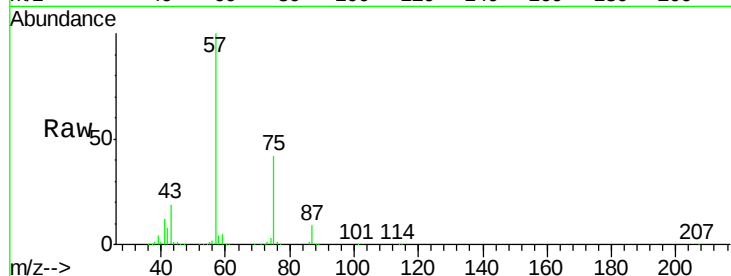




#59
2-Hexanone
Concen: 50.557 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN053488.D
Acq: 18 Jan 2019 22:25

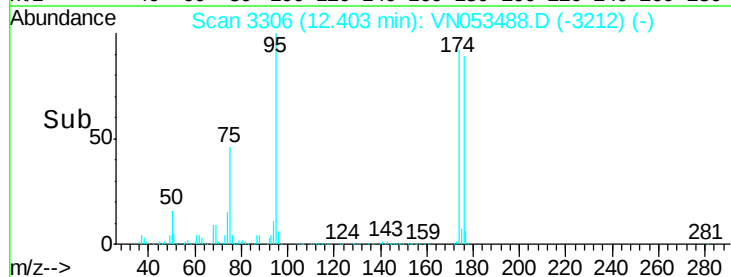
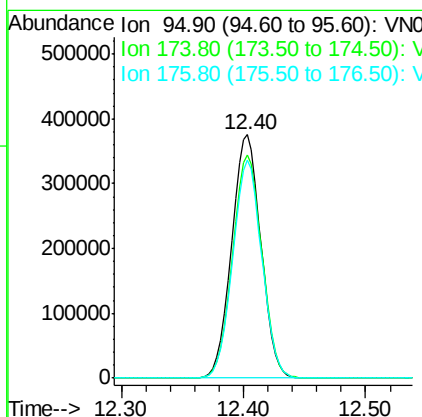
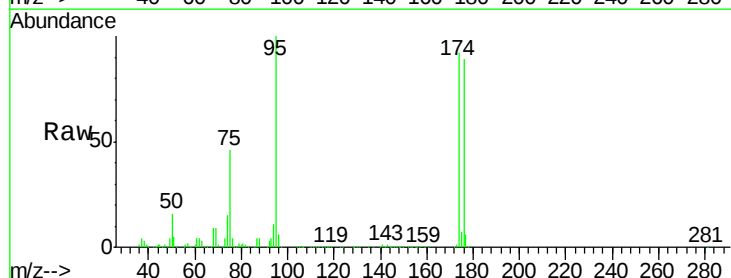
Instrument :
MSVOA_N
ClientSampled :
RBR-200050

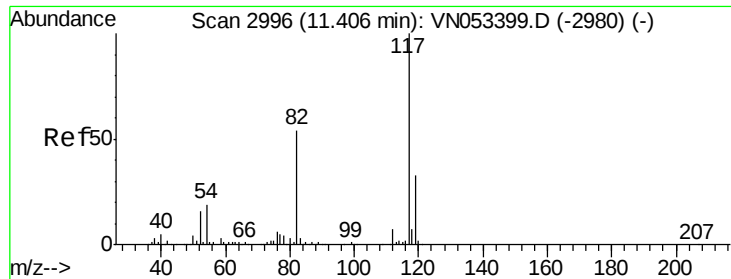
Tot Ion: 43 Resp: 256140
Ion Ratio Lower Upper
43 100
58 20.4 28.6 85.8#



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN053488.D
Acq: 18 Jan 2019 22:25

Tgt Ion: 95 Resp: 625260
Ion Ratio Lower Upper
95 100
174 92.0 0.0 183.2
176 88.7 0.0 177.4

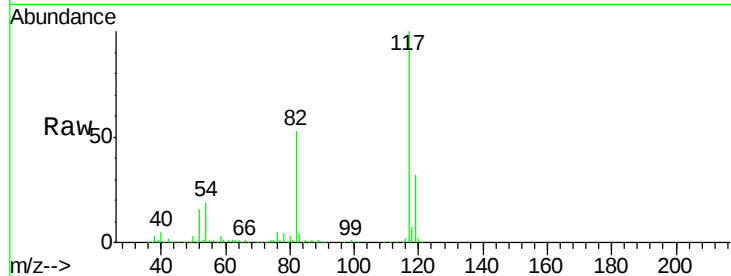




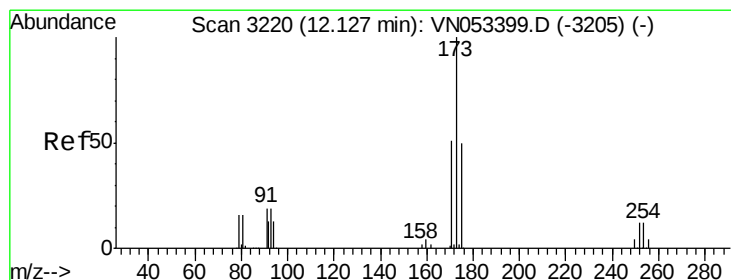
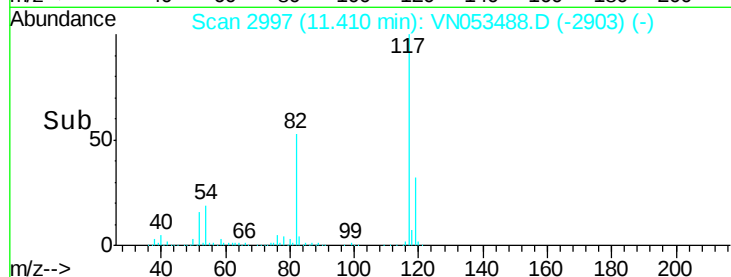
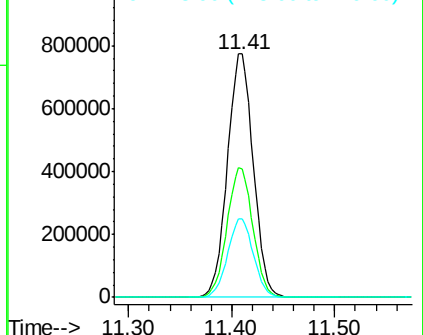
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053488.D
Acq: 18 Jan 2019 22:25

Instrument :
MSVOA_N
ClientSampled :
RBR-200050

Tot Ion:117 Resp: 1352530
Ion Ratio Lower Upper
117 100
82 52.9 42.9 64.3
119 32.3 26.0 39.0

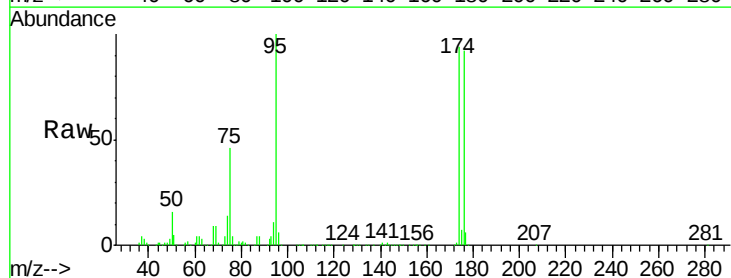


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

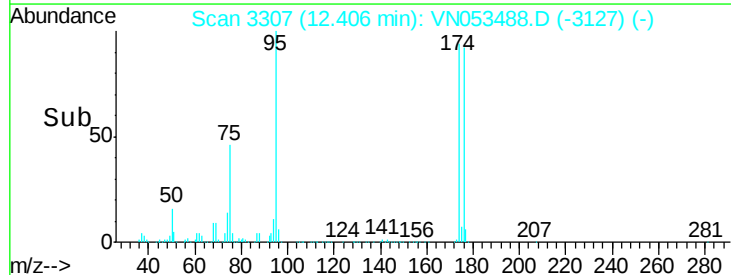
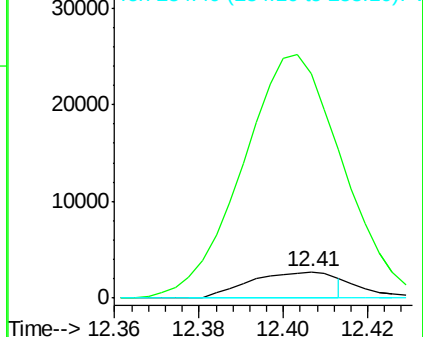


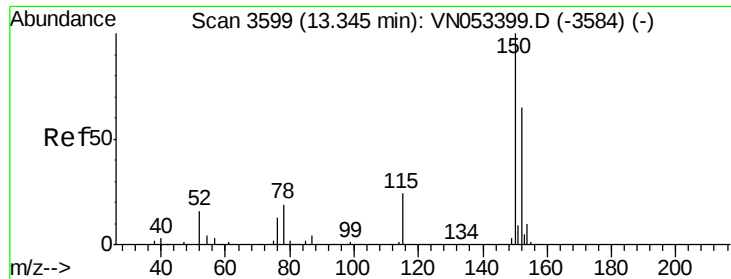
#71
Bromoform
Concen: 0.549 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.28 min
Lab File: VN053488.D
Acq: 18 Jan 2019 22:25

Tgt Ion:173 Resp: 3765
Ion Ratio Lower Upper
173 100
175 956.4 24.6 74.0#
254 0.0 0.2 0.2#



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: VN053488.D

Acq: 18 Jan 2019 22:25

Instrument :

MSVOA_N

ClientSampleId :

RBR-200050

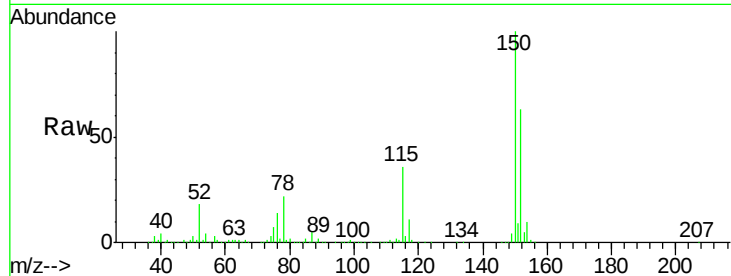
Tot Ion:152 Resp: 613858

Ion Ratio Lower Upper

152 100

115 56.1 27.8 83.4

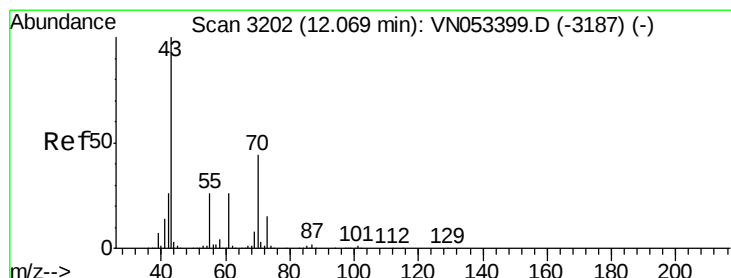
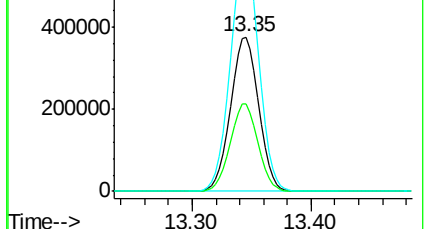
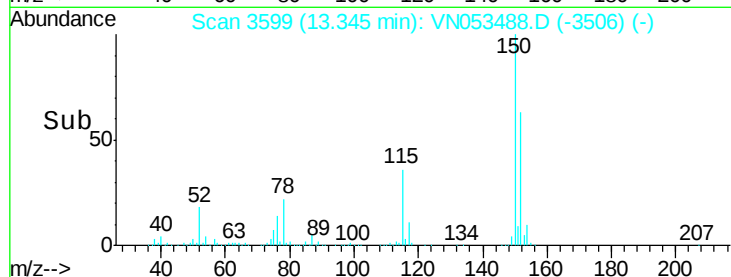
150 157.0 0.0 349.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#74

N-ethyl acetate

Concen: 2.339 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN053488.D

Acq: 18 Jan 2019 22:25

Tgt Ion: 43 Resp: 28029

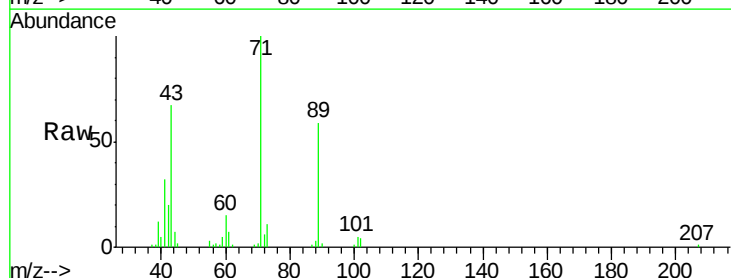
Ion Ratio Lower Upper

43 100

70 2.7 35.4 53.2#

55 5.5 20.9 31.3#

61 11.0 20.5 30.7#

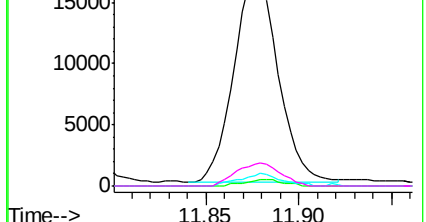
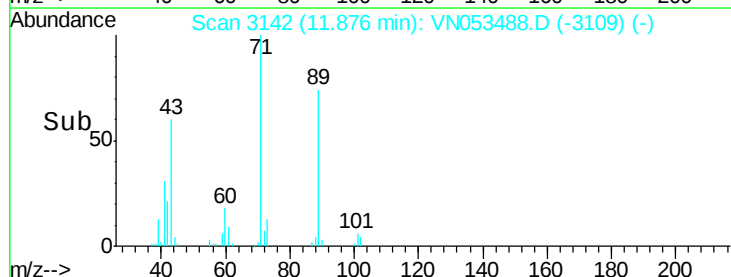


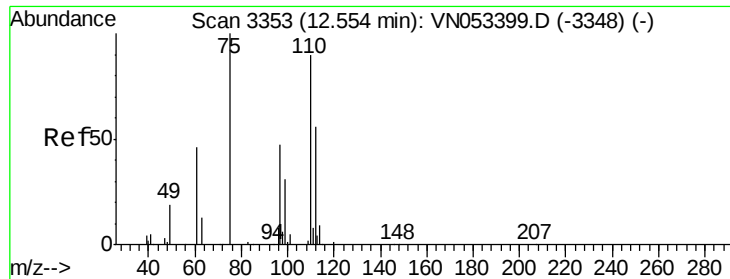
Abundance Ion 43.00 (42.70 to 43.70): V

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: 35.981 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN053488.D

Acq: 18 Jan 2019 22:25

Instrument :

MSVOA_N

ClientSampleId :

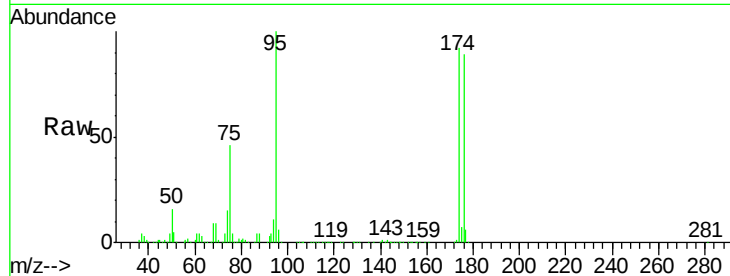
RBR-200050

Tot Ion: 75 Resp: 291070

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN053399.D (-3348) (-)

Ion 77.00 (76.70 to 77.70): VN053399.D (-3348) (-)

12.40

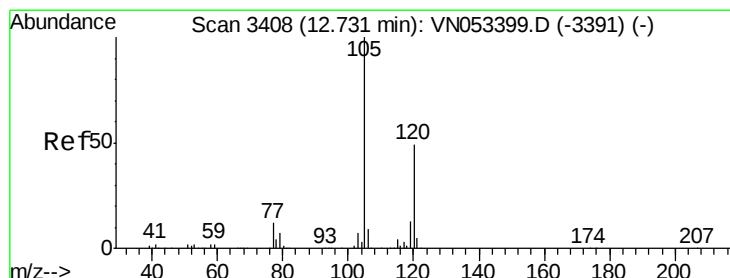
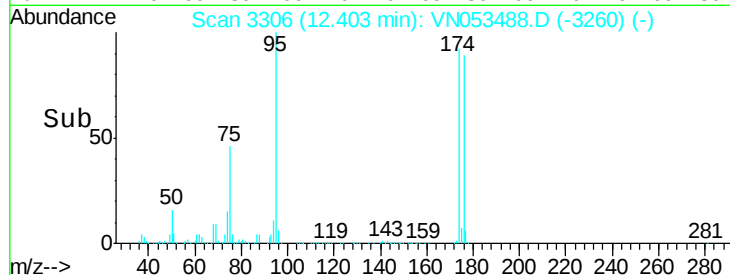
150000

100000

50000

0

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 0.371 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053488.D

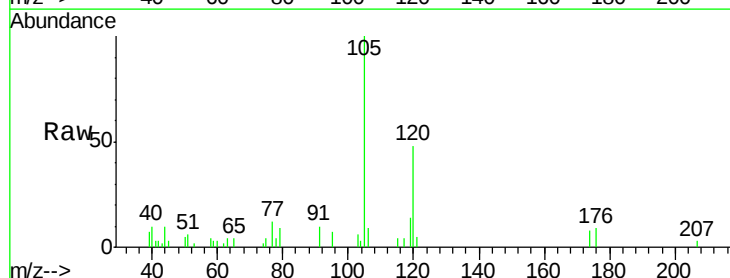
Acq: 18 Jan 2019 22:25

Tgt Ion: 105 Resp: 13565

Ion Ratio Lower Upper

105 100

120 51.4 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VN053399.D (-3391) (-)

Ion 120.00 (119.70 to 120.70): VN053399.D (-3391) (-)

12.73

10000

8000

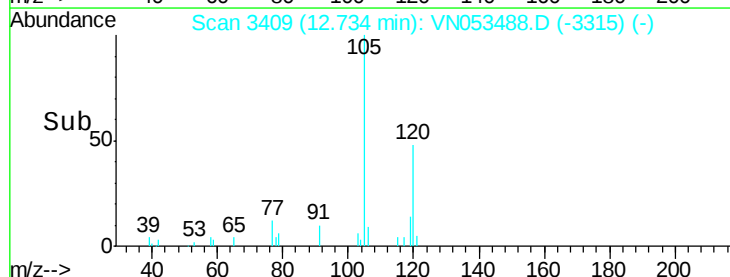
6000

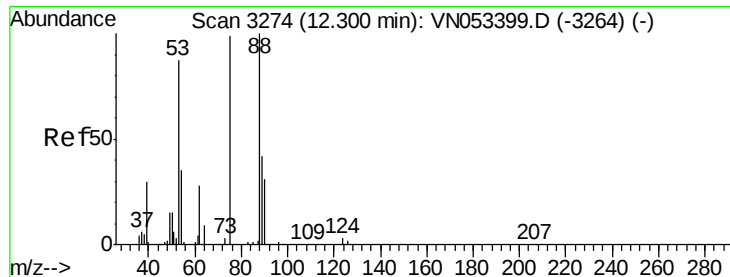
4000

2000

0

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 88.979 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN053488.D

Acq: 18 Jan 2019 22:25

Instrument :

MSVOA_N

ClientSampleId :

RBR-200050

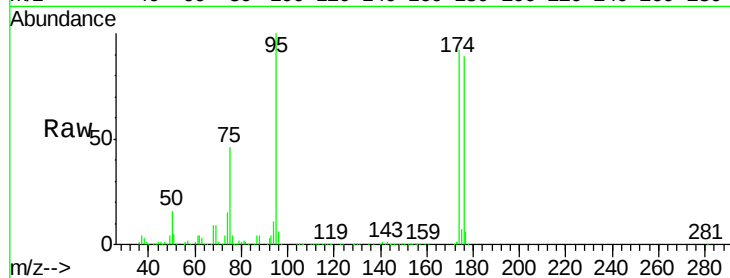
Tot Ion: 75 Resp: 291070

Ion Ratio Lower Upper

75 100

53 0.0 69.8 104.6#

89 0.0 35.6 53.4#



Abundance Ion 74.90 (74.60 to 75.60): VN053399.D (-3264) (-)

Ion 53.00 (52.70 to 53.70): VN053399.D (-3264) (-)

Ion 88.90 (88.60 to 89.60): VN053399.D (-3264) (-)

12.40

200000

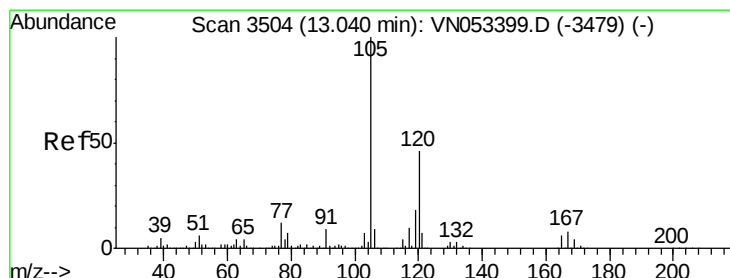
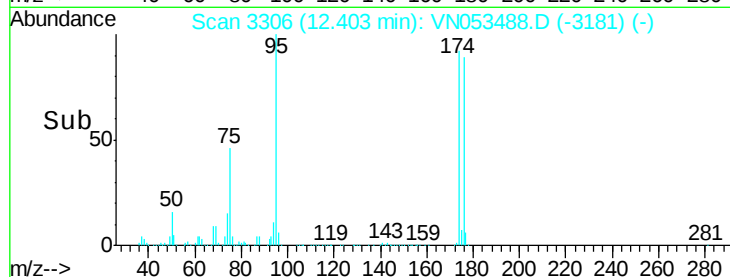
150000

100000

50000

0

Time-->



#84

1,2,4-Trimethylbenzene

Concen: 0.418 ug/l

RT: 13.04 min Scan# 3505

Delta R.T. 0.00 min

Lab File: VN053488.D

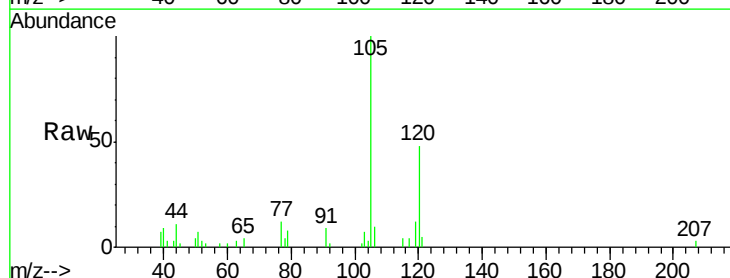
Acq: 18 Jan 2019 22:25

Tgt Ion: 105 Resp: 15416

Ion Ratio Lower Upper

105 100

120 45.4 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): VN053399.D (-3479) (-)

Ion 120.00 (119.70 to 120.70): VN053399.D (-3479) (-)

13.04

10000

8000

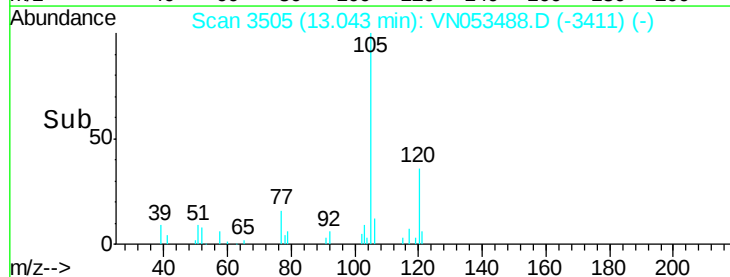
6000

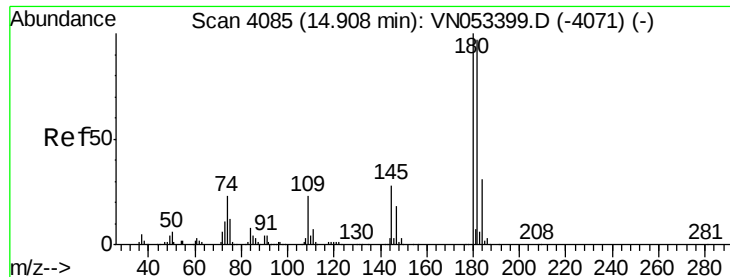
4000

2000

0

Time-->

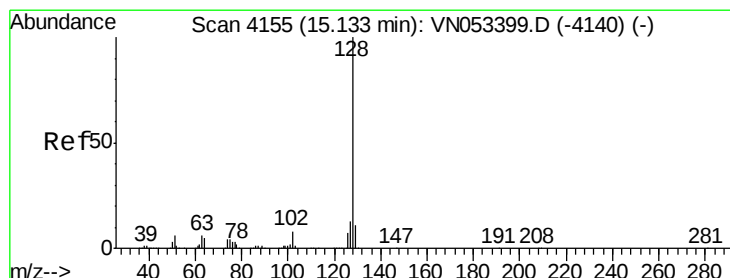
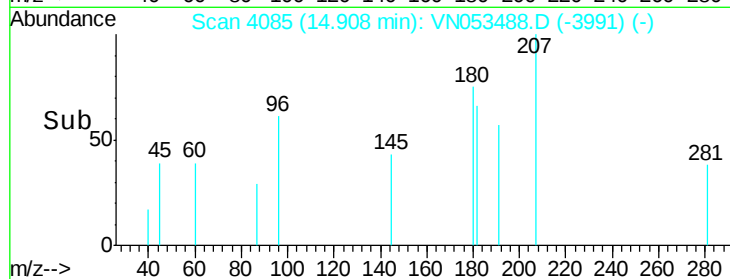
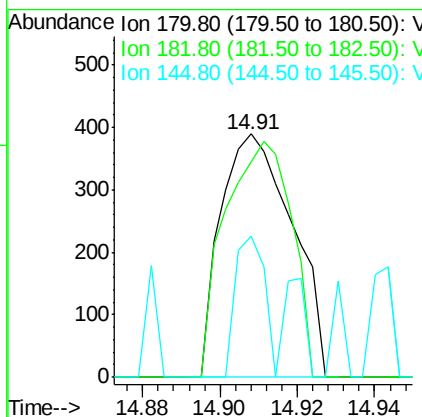
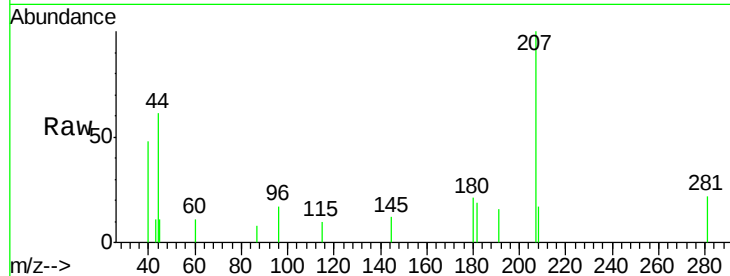




#93
 1,2,4-Trichlorobenzene
 Concen: 2.822 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN053488.D
 Acq: 18 Jan 2019 22:25

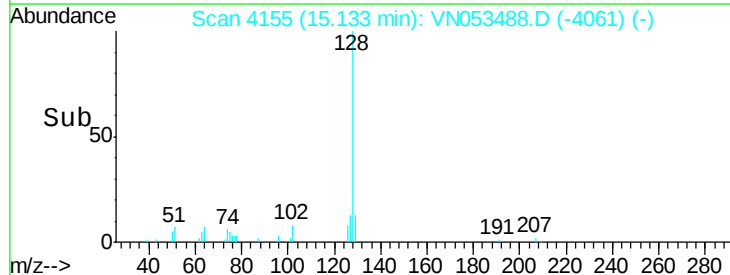
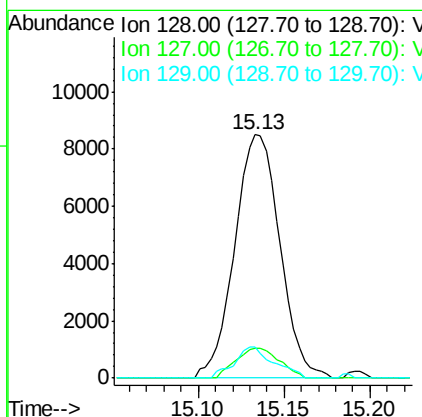
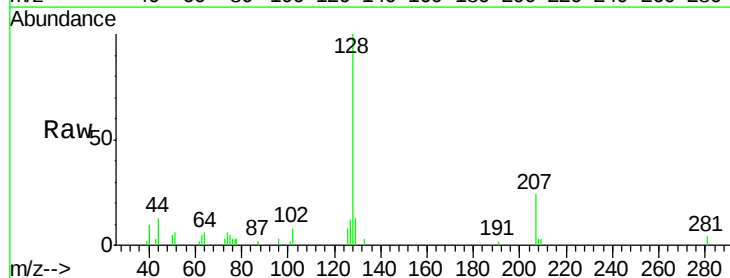
Instrument :
 MSVOA_N
 ClientSampled :
 RBR-200050

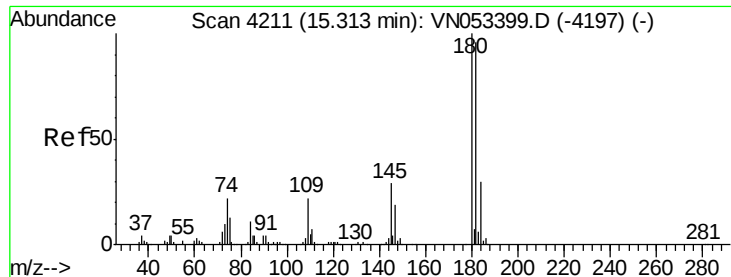
Tot Ion:180 Resp: 500
 Ion Ratio Lower Upper
 180 100
 182 90.0 48.1 144.3
 145 23.4 13.9 41.6



#95
 Naphthalene
 Concen: 4.901 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. 0.00 min
 Lab File: VN053488.D
 Acq: 18 Jan 2019 22:25

Tgt Ion:128 Resp: 15492
 Ion Ratio Lower Upper
 128 100
 127 11.8 10.3 15.5
 129 11.1 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 3.919 ug/l
 RT: 15.31 min Scan# 4211
 Delta R.T. 0.00 min
 Lab File: VN053488.D
 Acq: 18 Jan 2019 22:25

Instrument :
 MSVOA_N
 ClientSampleId :
 RBR-200050

Tot Ion:180 Resp: 97
 Ion Ratio Lower Upper
 180 100
 182 106.2 47.9 143.8
 145 102.1 14.7 44.1#

