

Data File : VN055651.D
Acq On : 18 May 2019 8:27
Operator : JC/SP
Sample : K2880-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 59 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
339-RBR-251608

Quant Time: May 20 02:19:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
Quant Title : SW846 8260
QLast Update : Fri May 17 23:54:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	388707	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	558005	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	478927	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	211283	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	184258	43.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.48%	
35) Dibromofluoromethane	7.59	113	172247	48.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.18%	
50) Toluene-d8	10.09	98	644920	48.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.24%	
62) 4-Bromofluorobenzene	12.40	95	218969	47.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.62%	

Target Compounds						Qvalue
14) Allyl chloride	4.55	41	4795	0.837	ug/l #	26
16) Acetone	3.82	43	15614	8.979	ug/l	97
18) Methyl Acetate	4.34	43	1171	0.314	ug/l #	50
20) Methylene Chloride	4.56	84	126279	31.821	ug/l	98
25) 2-Butanone	6.85	43	2755	1.133	ug/l #	47
29) Tetrahydrofuran	7.21	42	1444	0.896	ug/l #	36
30) Chloroform	7.37	83	1978	0.289	ug/l #	82
31) Cyclohexane	7.67	56	5842	0.924	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	23092	4.642	ug/l #	49
38) Carbon Tetrachloride	7.67	117	32375	6.090	ug/l #	16
41) Methacrylonitrile	7.22	41	781	0.407	ug/l #	100
43) Isopropyl Acetate	8.21	43	34842	4.462	ug/l #	53
45) 1,2-Dichloropropane	9.26	63	1283	0.333	ug/l #	43
48) Methyl methacrylate	9.18	41	6021	1.725	ug/l #	11
51) 4-Methyl-2-Pentanone	9.99	43	3516	0.768	ug/l	99
54) cis-1,3-Dichloropropene	9.90	75	50652	8.124	ug/l #	57
57) 1,3-Dichloropropane	10.76	76	9515	1.590	ug/l #	42
59) 2-Hexanone	10.76	43	124733	38.677	ug/l #	50
67) Ethyl Benzene	11.51	91	24149	1.399	ug/l	98
68) m/p-Xylenes	11.62	106	42004	6.446	ug/l	98
69) o-Xylene	11.95	106	19092	2.995	ug/l	100
70) Styrene	11.96	104	2328	0.220	ug/l #	1
71) Bromoform	12.40	173	1375	0.416	ug/l #	1
73) Isopropylbenzene	12.25	105	1611	Below Cal		90
74) N-amyl acetate	11.88	43	12209	2.058	ug/l #	52
76) 1,2,3-Trichloropropane	12.40	75	98675	22.888	ug/l #	100
78) n-propylbenzene	12.59	91	8228	0.439	ug/l	93
79) 2-Chlorotoluene	12.65	91	4911	Below Cal	#	39
80) 1,3,5-Trimethylbenzene	12.73	105	32400	0.539	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.40	75	98675	58.835	ug/l #	17
82) 4-Chlorotoluene	12.73	91	2936	0.266	ug/l #	40
83) tert-Butylbenzene	13.04	119	18691	Below Cal	#	69
84) 1,2,4-Trimethylbenzene	13.04	105	150506	10.522	ug/l	99
85) sec-Butylbenzene	13.04	105	150506	8.898	ug/l #	56

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN051719\
Quantitation Report (Not Reviewed)

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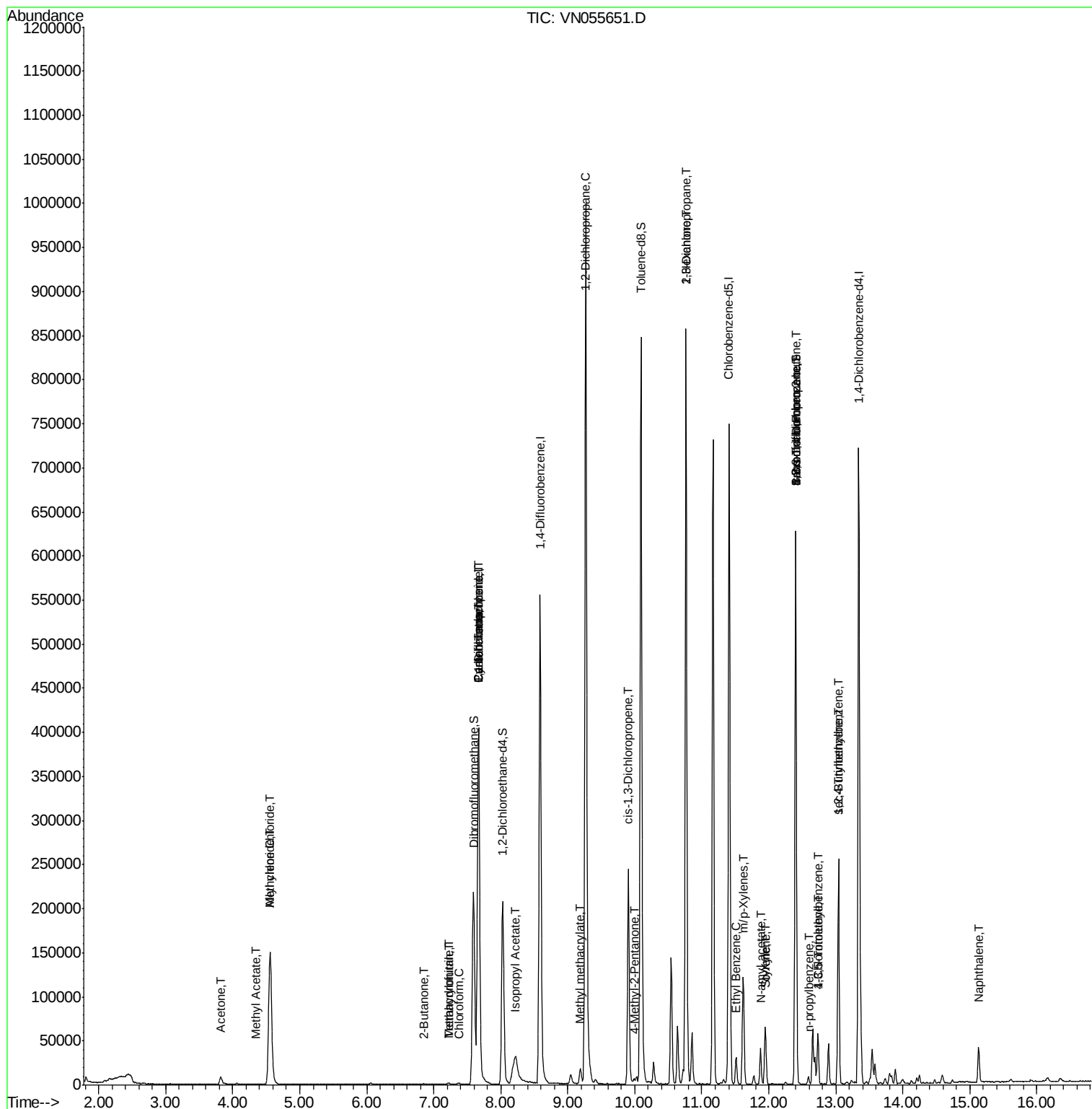
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) p-Isopropyltoluene	13.29	119	1748	Below Cal		89
90) Hexachloroethane	13.89	117	889	Below Cal	#	3
95) Naphthalene	15.13	128	37352	5.044 ug/l		99

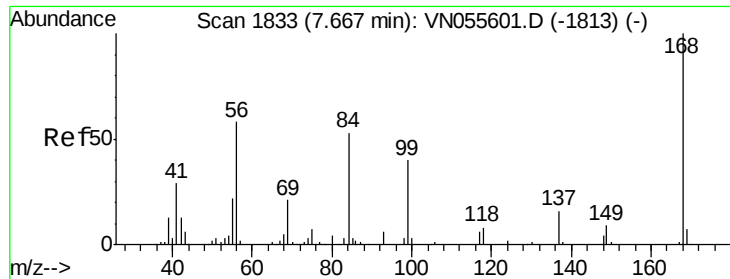
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

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Instrument :

MSVOA_N

ClientSampleId :

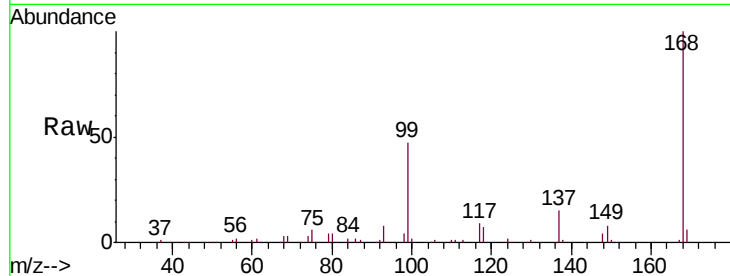
339-RBR-251608

Tgt Ion: 168 Resp: 388707

Ion Ratio Lower Upper

168 100

99 46.9 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

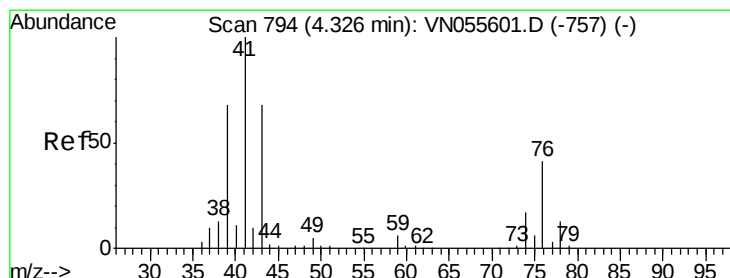
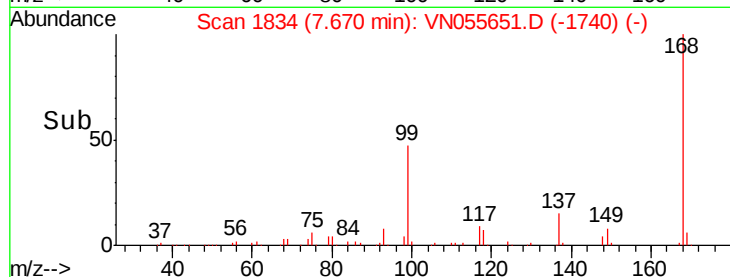
150000

100000

50000

0

Time-->



#14

Allyl chloride

Concen: 0.837 ug/l

RT: 4.55 min Scan# 864

Delta R.T. 0.23 min

Lab File: VN055651.D

Acq: 18 May 2019 8:27

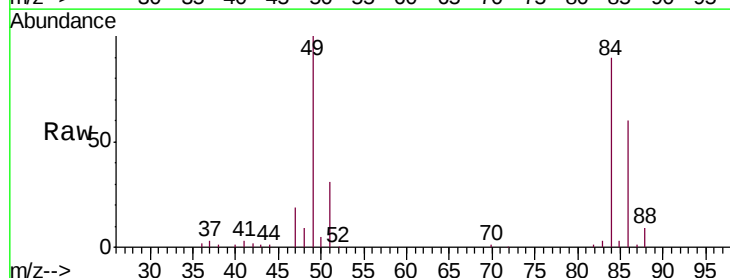
Tgt Ion: 41 Resp: 4795

Ion Ratio Lower Upper

41 100

39 0.0 50.5 75.7#

76 0.0 29.2 43.8#



Abundance Ion 41.00 (40.70 to 41.70): VN

Ion 39.00 (38.70 to 39.70): VN

Ion 75.90 (75.60 to 76.60): VN

4.55

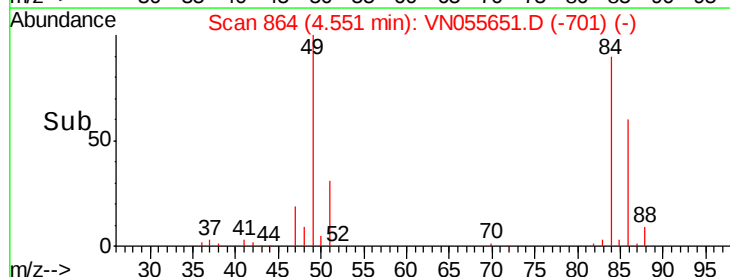
1500

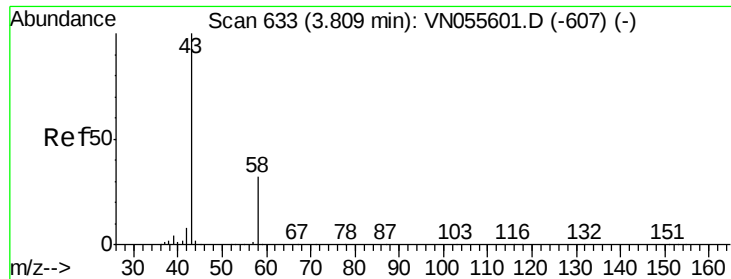
1000

500

0

Time-->





#16

Acetone

Concen: 8.979 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN055651.D

Acq: 18 May 2019 8:27

Instrument :

MSVOA_N

ClientSampleId :

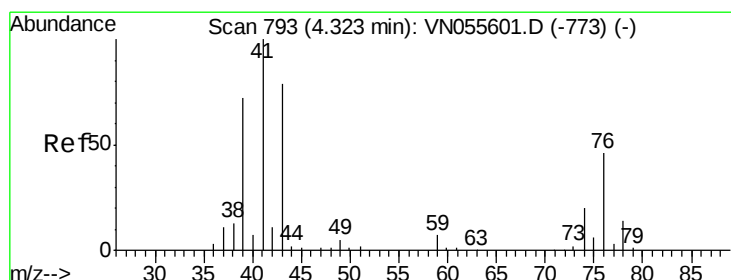
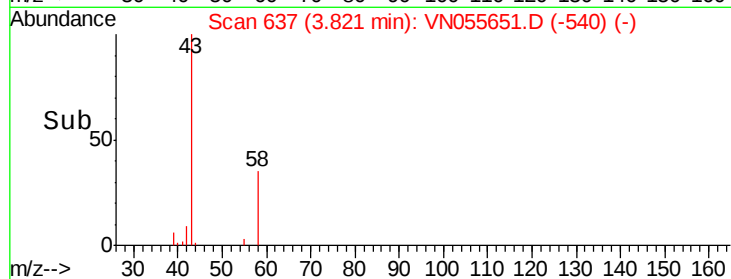
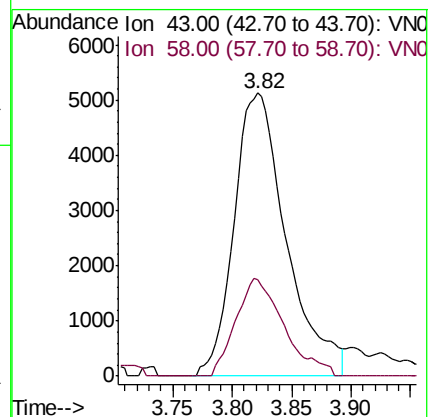
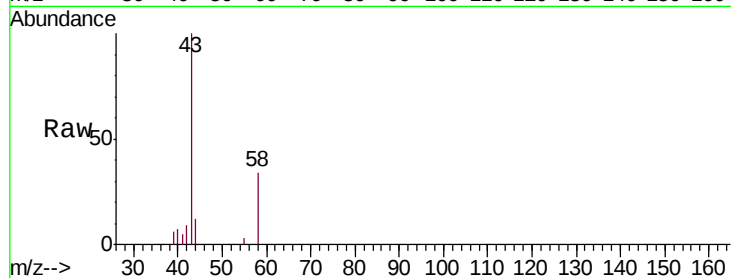
339-RBR-251608

Tgt Ion: 43 Resp: 15614

Ion Ratio Lower Upper

43 100

58 34.1 26.0 39.0



#18

Methyl Acetate

Concen: 0.314 ug/l

RT: 4.34 min Scan# 799

Delta R.T. 0.02 min

Lab File: VN055651.D

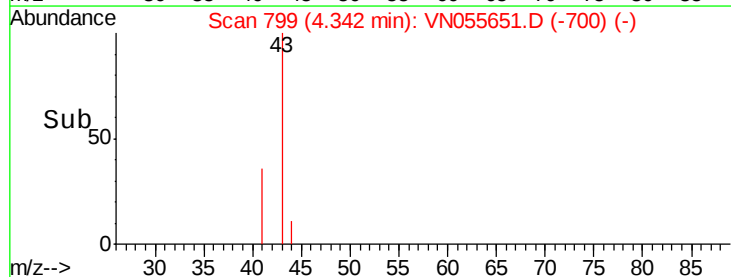
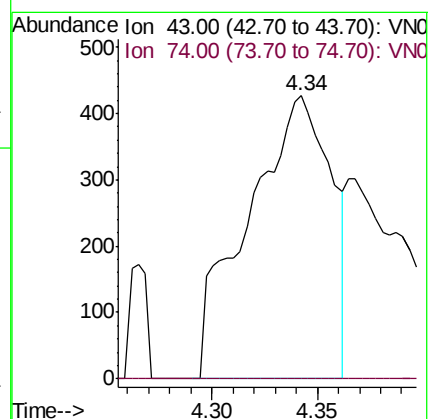
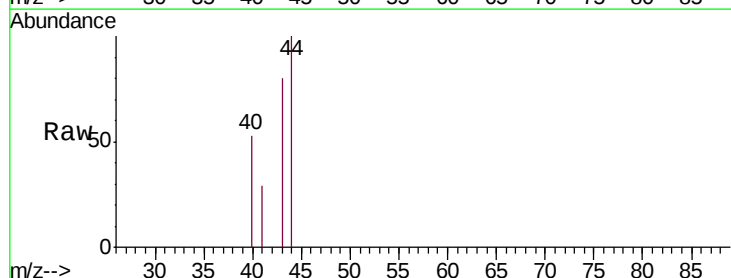
Acq: 18 May 2019 8:27

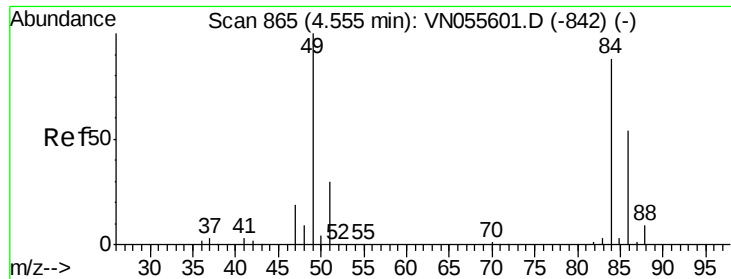
Tgt Ion: 43 Resp: 1171

Ion Ratio Lower Upper

43 100

74 0.0 19.9 29.9#

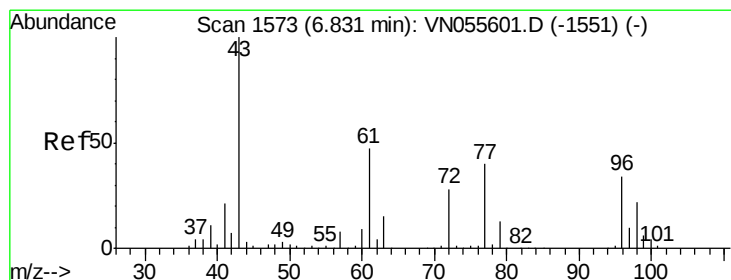
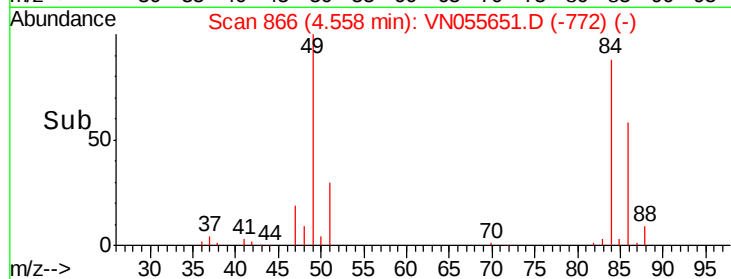
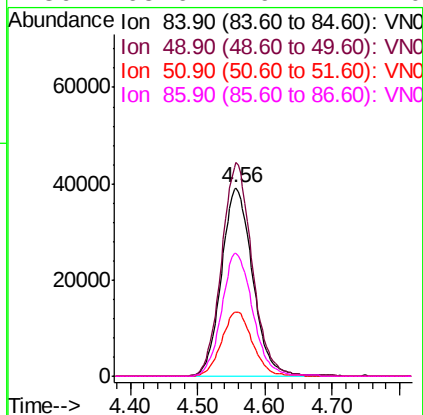
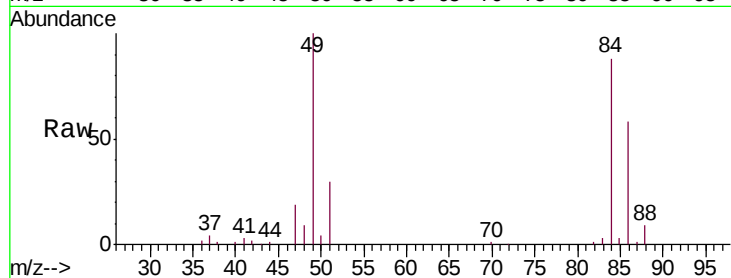




#20
Methylene Chloride
Concen: 31.821 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN055651.D
Acq: 18 May 2019 8:27

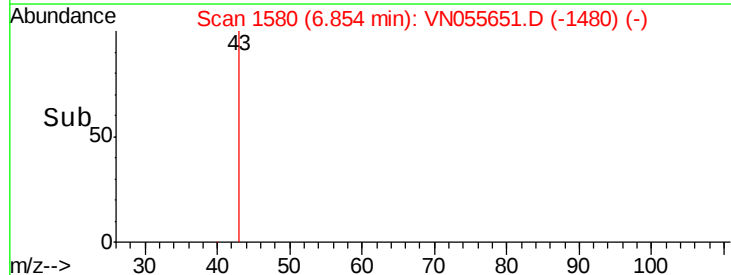
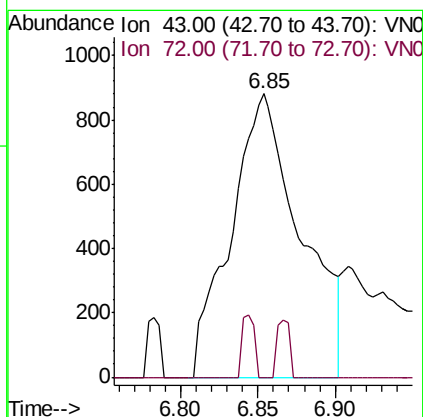
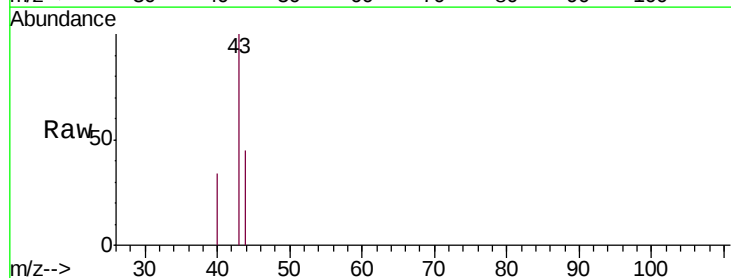
Instrument :
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339-RBR-251608

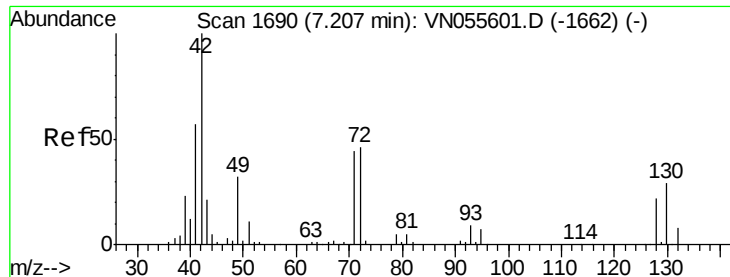
Tgt Ion: 84 Resp: 126279
Ion Ratio Lower Upper
84 100
49 113.5 91.0 136.4
51 34.1 27.5 41.3
86 65.6 49.4 74.0



#25
2-Butanone
Concen: 1.133 ug/l
RT: 6.85 min Scan# 1580
Delta R.T. 0.02 min
Lab File: VN055651.D
Acq: 18 May 2019 8:27

Tgt Ion: 43 Resp: 2755
Ion Ratio Lower Upper
43 100
72 0.0 22.3 33.5#





#29

Tetrahydrofuran

Concen: 0.896 ug/l

RT: 7.21 min Scan# 1691

Delta R.T. 0.00 min

Lab File: VN055651.D

Acq: 18 May 2019 8:27

Instrument :

MSVOA_N

ClientSampleId :

339-RBR-251608

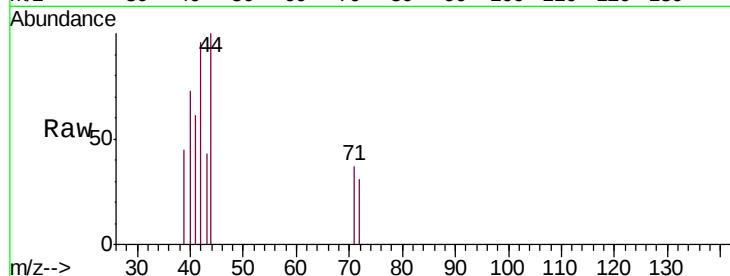
Tgt Ion: 42 Resp: 1444

Ion Ratio Lower Upper

42 100

72 6.4 36.5 54.7#

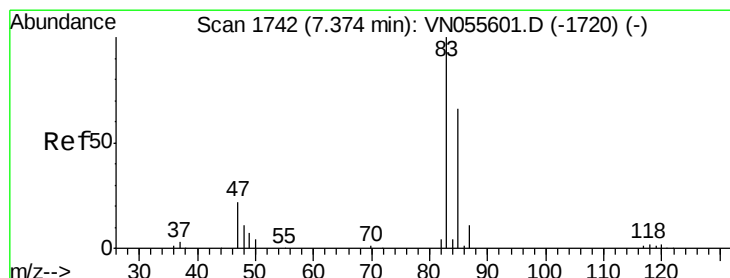
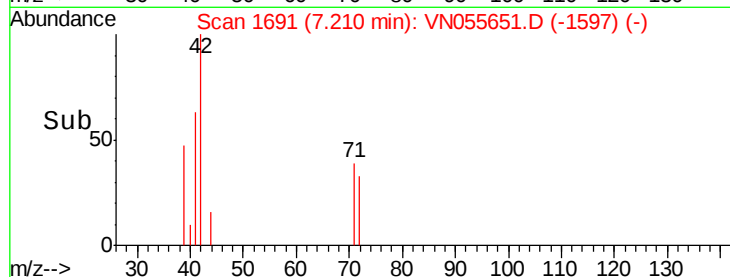
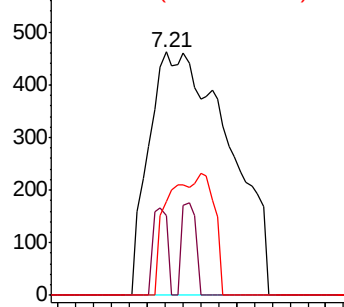
71 0.0 34.9 52.3#



Abundance Ion 42.00 (41.70 to 42.70): VNO

Ion 72.00 (71.70 to 72.70): VNO

Ion 71.00 (70.70 to 71.70): VNO



#30

Chloroform

Concen: 0.289 ug/l

RT: 7.37 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VN055651.D

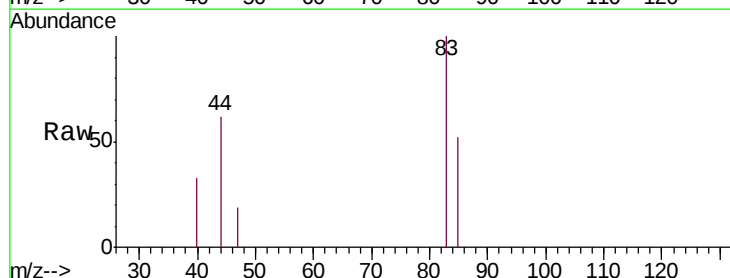
Acq: 18 May 2019 8:27

Tgt Ion: 83 Resp: 1978

Ion Ratio Lower Upper

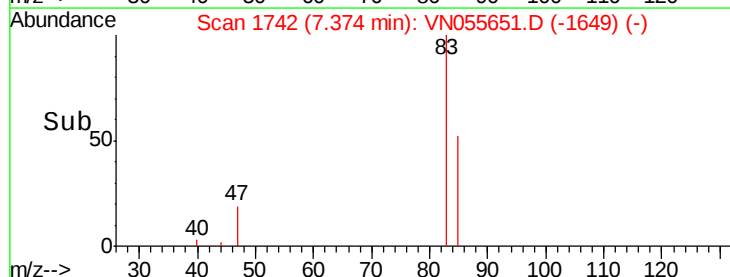
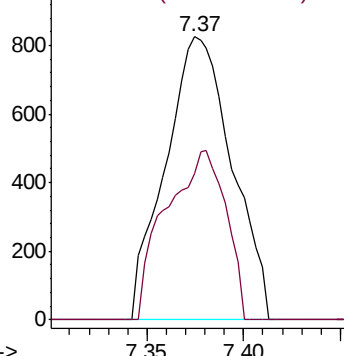
83 100

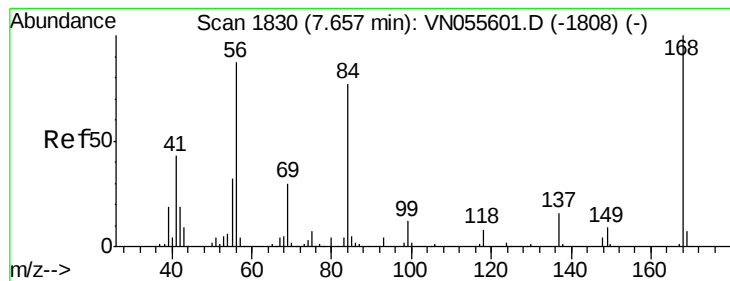
85 51.8 52.6 78.8#



Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO





#31

Cyclohexane

Concen: 0.924 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.01 min

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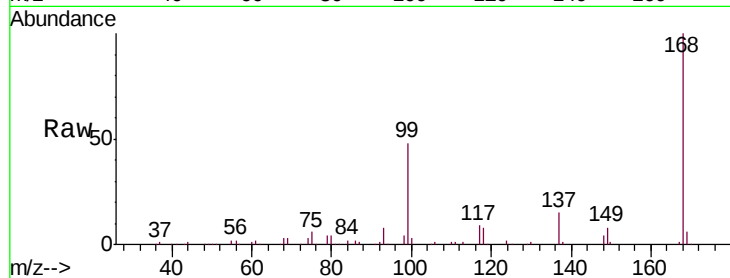
Tgt Ion: 56 Resp: 5842

Ion Ratio Lower Upper

56 100

69 177.0 27.2 40.8#

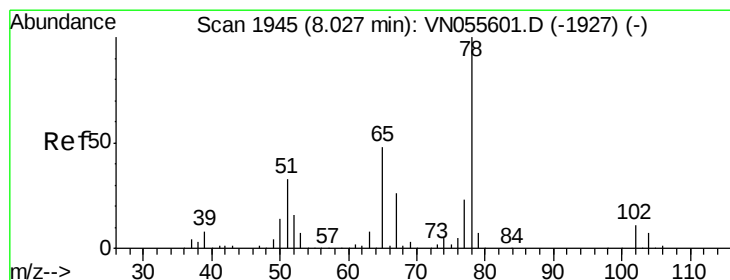
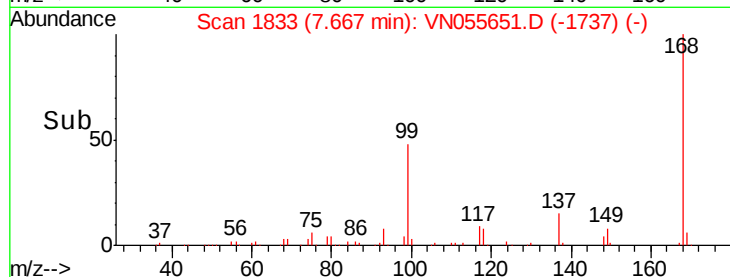
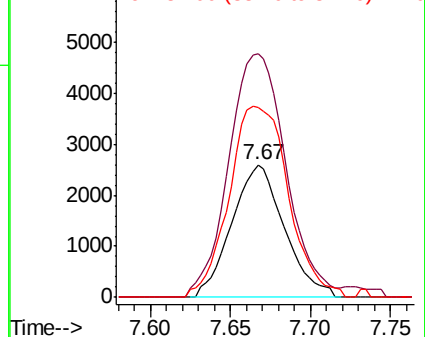
84 137.0 71.3 106.9#



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: 43.243 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN055651.D

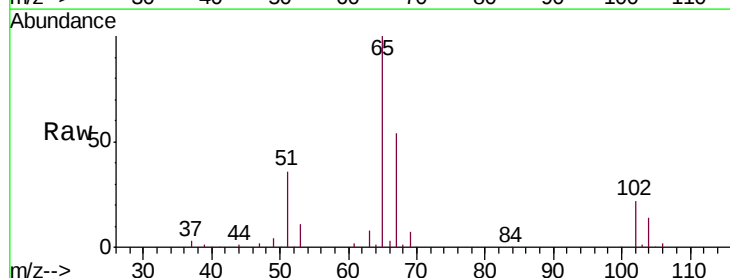
Acq: 18 May 2019 8:27

Tgt Ion: 65 Resp: 184258

Ion Ratio Lower Upper

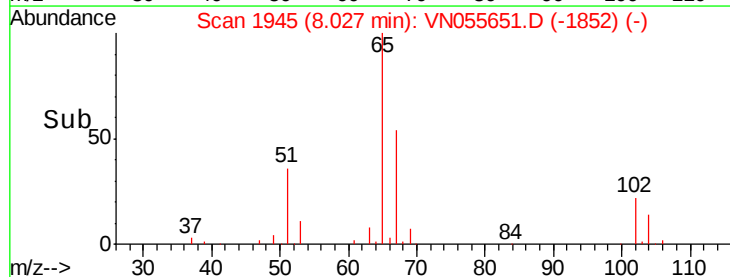
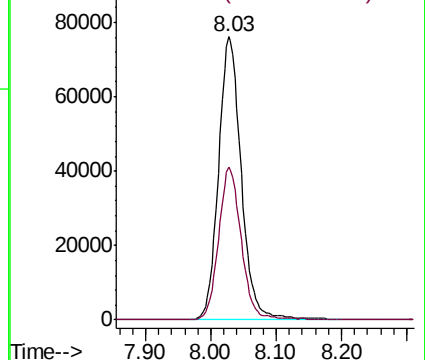
65 100

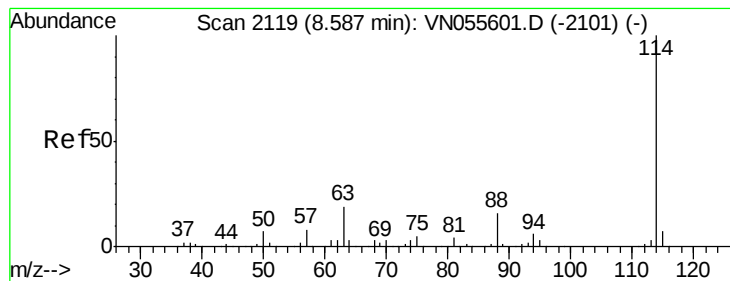
67 53.6 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

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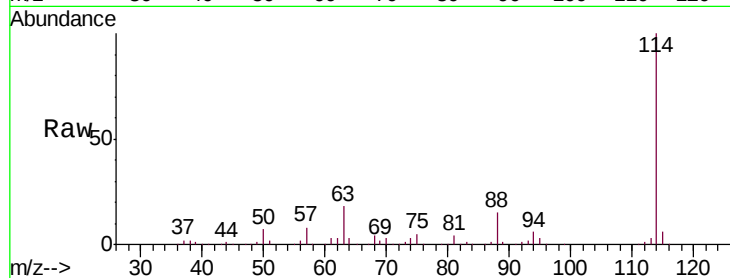
Tgt Ion:114 Resp: 558005

Ion Ratio Lower Upper

114 100

63 18.3 0.0 38.2

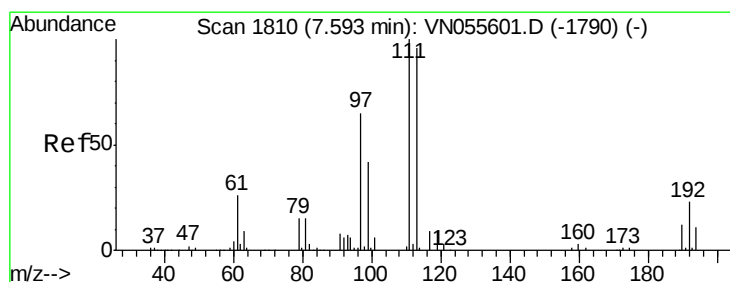
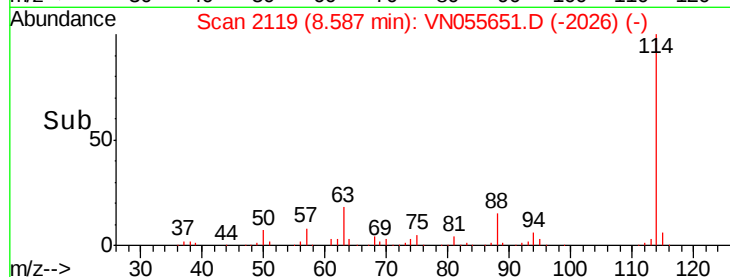
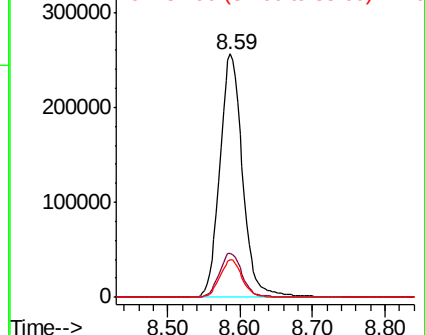
88 15.4 0.0 31.0



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



#35

Dibromofluoromethane

Concen: 48.593 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VN055651.D

Acq: 18 May 2019 8:27

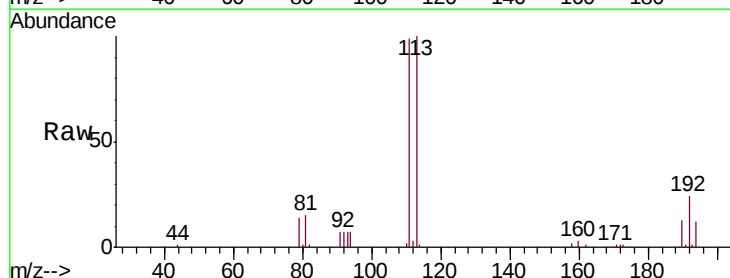
Tgt Ion:113 Resp: 172247

Ion Ratio Lower Upper

113 100

111 102.6 82.5 123.7

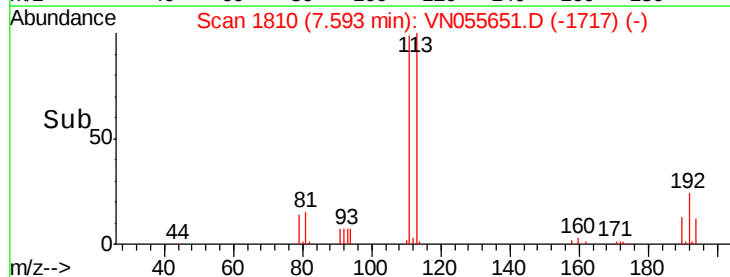
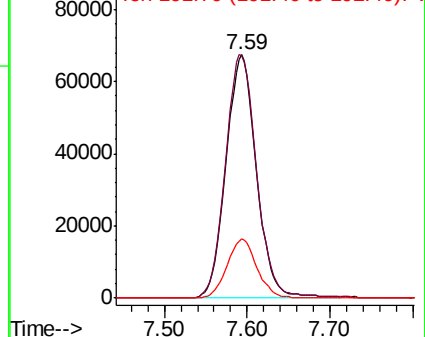
192 23.7 18.7 28.1

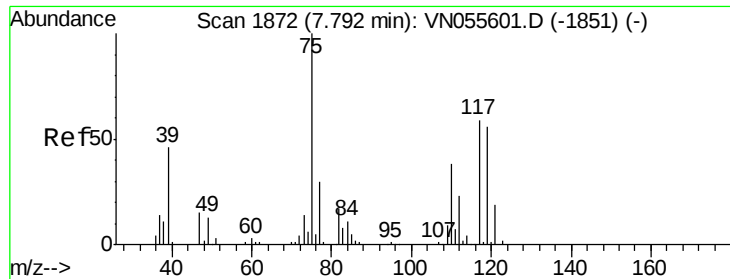


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.642 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.13 min

Lab File: VN055651.D

Acq: 18 May 2019 8:27

Instrument :

MSVOA_N

ClientSampleId :

339-RBR-251608

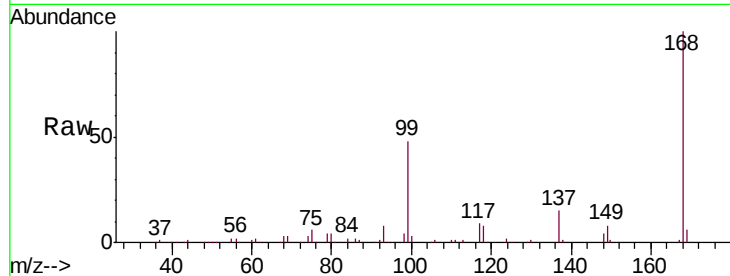
Tgt Ion: 75 Resp: 23092

Ion Ratio Lower Upper

75 100

110 9.3 18.6 55.6#

77 0.0 24.9 37.3#

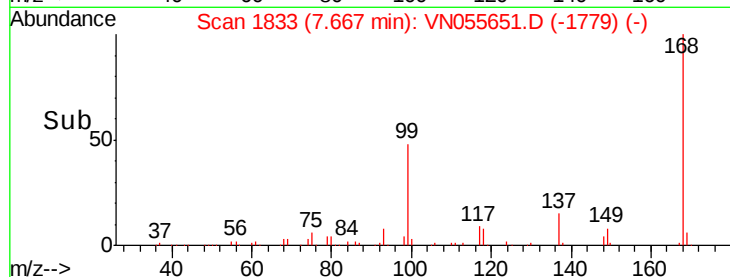


Abundance Ion 74.90 (74.60 to 75.60): VN055601.D (-1851) (-)

Ion 109.90 (109.60 to 110.60): VN055601.D (-1851) (-)

Ion 76.90 (76.60 to 77.60): VN055601.D (-1851) (-)

Time-->

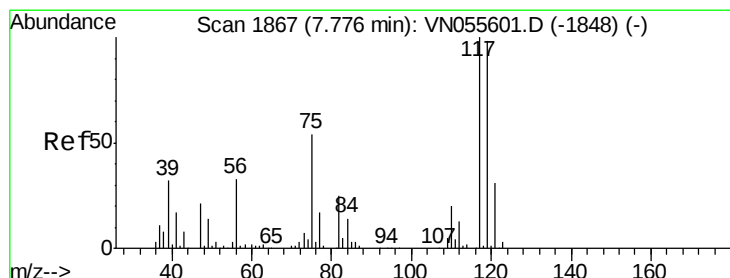


Abundance Ion 74.90 (74.60 to 75.60): VN055651.D (-1779) (-)

Ion 109.90 (109.60 to 110.60): VN055651.D (-1779) (-)

Ion 76.90 (76.60 to 77.60): VN055651.D (-1779) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 6.090 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. -0.11 min

Lab File: VN055651.D

Acq: 18 May 2019 8:27

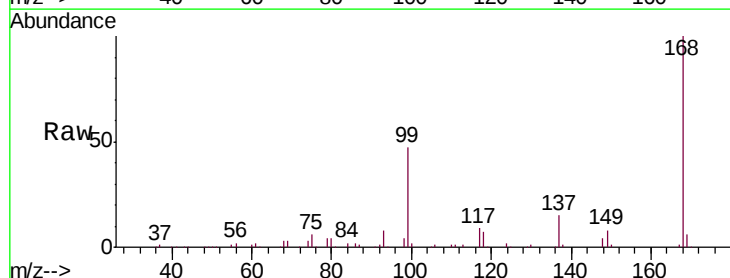
Tgt Ion: 117 Resp: 32375

Ion Ratio Lower Upper

117 100

119 5.4 77.8 116.8#

121 0.0 24.6 37.0#

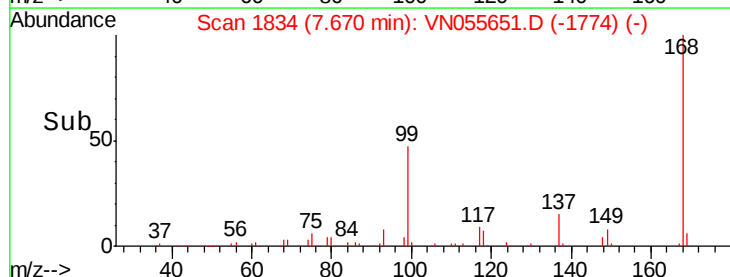


Abundance Ion 116.80 (116.50 to 117.50): VN055601.D (-1848) (-)

Ion 118.80 (118.50 to 119.50): VN055601.D (-1848) (-)

Ion 120.80 (120.50 to 121.50): VN055601.D (-1848) (-)

Time-->

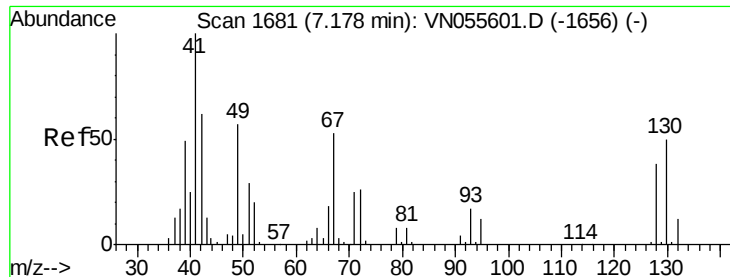


Abundance Ion 116.80 (116.50 to 117.50): VN055651.D (-1774) (-)

Ion 118.80 (118.50 to 119.50): VN055651.D (-1774) (-)

Ion 120.80 (120.50 to 121.50): VN055651.D (-1774) (-)

Time-->



#41

Methacrylonitrile

Concen: 0.407 ug/l

RT: 7.22 min Scan# 1694

Delta R.T. 0.04 min

Lab File: VN055651.D

Acq: 18 May 2019 8:27

Instrument :

MSVOA_N

ClientSampleId :

339-RBR-251608

Tgt Ion: 41 Resp: 781

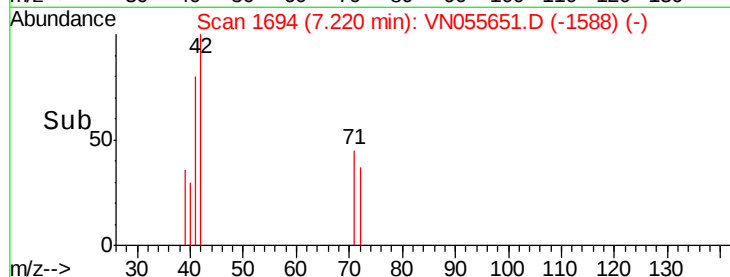
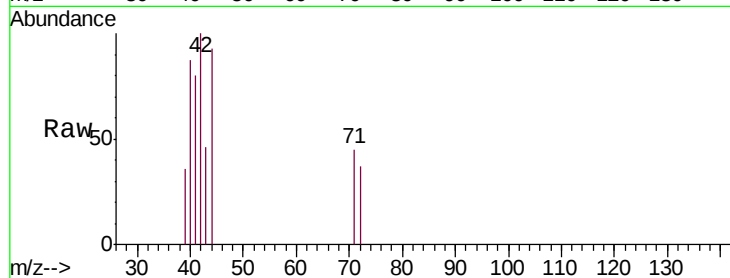
Ion Ratio Lower Upper

41 100

39 36.6 0.0 0.0#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

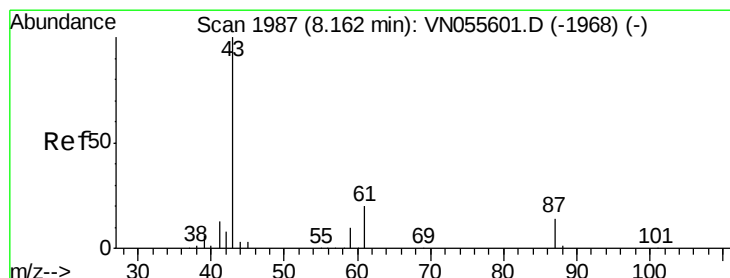
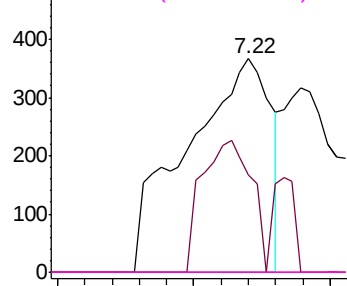


Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 67.00 (66.70 to 67.70): VNO

Ion 52.00 (51.70 to 52.70): VNO



#43

Isopropyl Acetate

Concen: 4.462 ug/l

RT: 8.21 min Scan# 2003

Delta R.T. 0.05 min

Lab File: VN055651.D

Acq: 18 May 2019 8:27

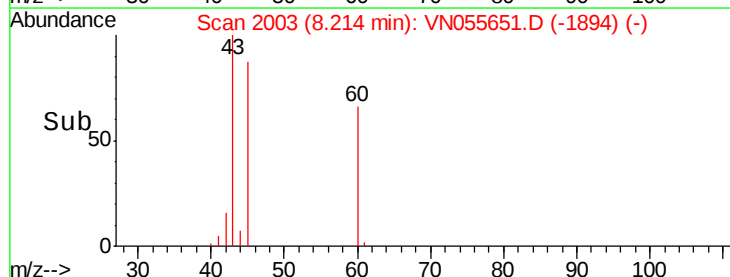
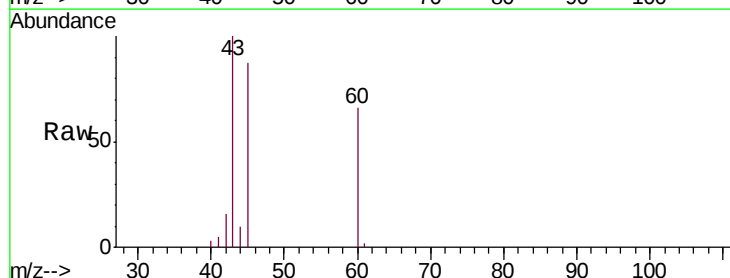
Tgt Ion: 43 Resp: 34842

Ion Ratio Lower Upper

43 100

61 0.0 22.1 33.1#

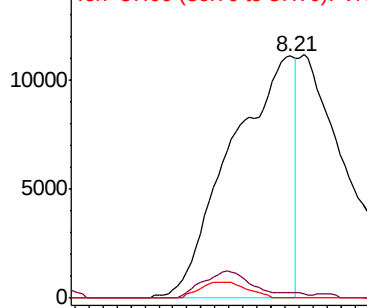
87 0.0 11.8 17.6#

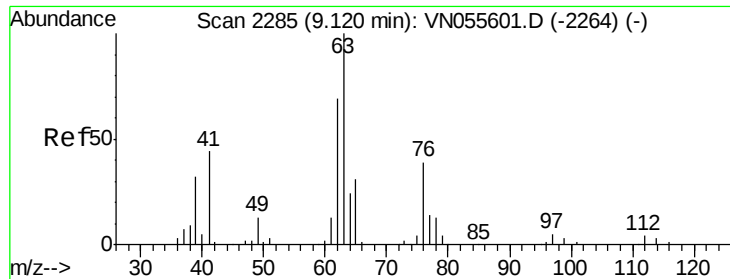


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO

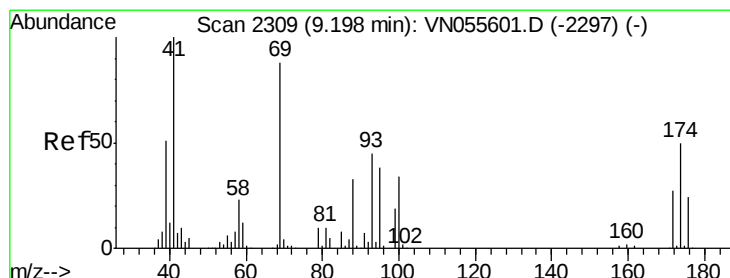
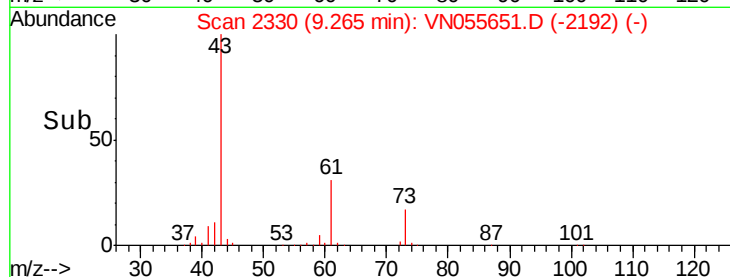
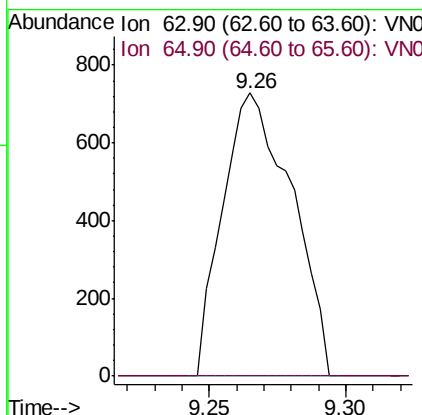
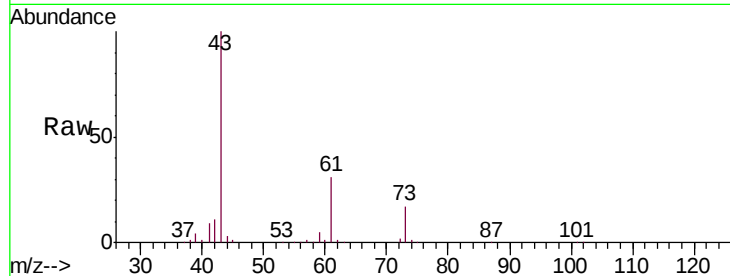




#45
 1,2-Dichloropropane
 Concen: 0.333 ug/l
 RT: 9.26 min Scan# 2330
 Delta R.T. 0.14 min
 Lab File: VN055651.D
 Acq: 18 May 2019 8:27

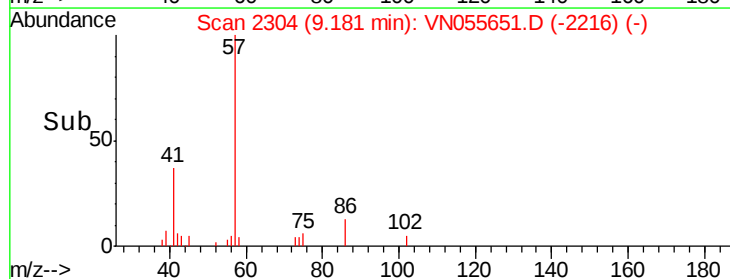
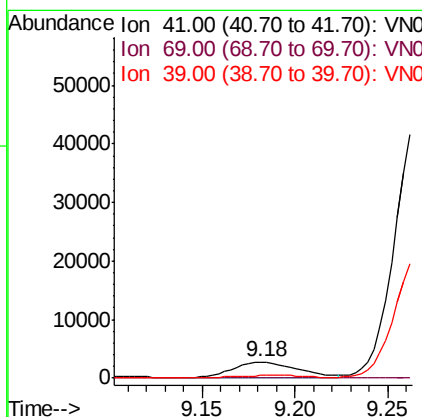
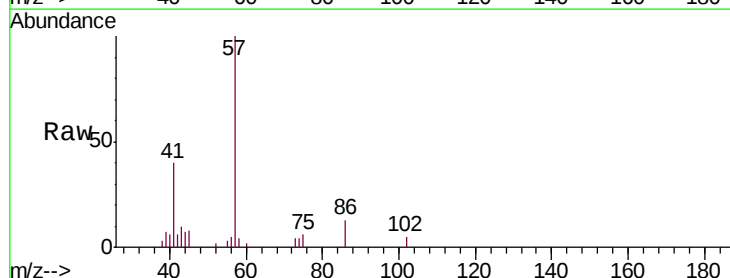
Instrument :
 MSVOA_N
 ClientSampleId :
 339-RBR-251608

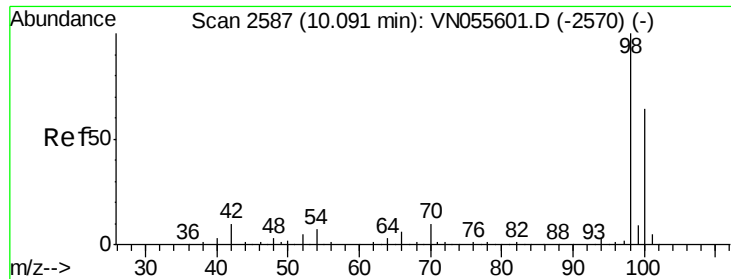
Tgt Ion: 63 Resp: 1283
 Ion Ratio Lower Upper
 63 100
 65 0.0 25.2 37.8#



#48
 Methyl methacrylate
 Concen: 1.725 ug/l
 RT: 9.18 min Scan# 2304
 Delta R.T. -0.02 min
 Lab File: VN055651.D
 Acq: 18 May 2019 8:27

Tgt Ion: 41 Resp: 6021
 Ion Ratio Lower Upper
 41 100
 69 0.0 74.2 111.2#
 39 0.0 43.8 65.8#





#50

Toluene-d8

Concen: 48.118 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN055651.D

Acq: 18 May 2019 8:27

Instrument :

MSVOA_N

ClientSampleId :

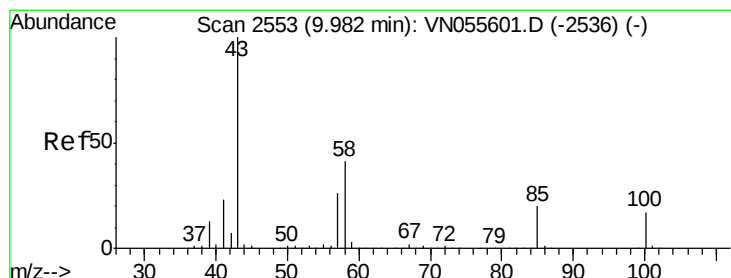
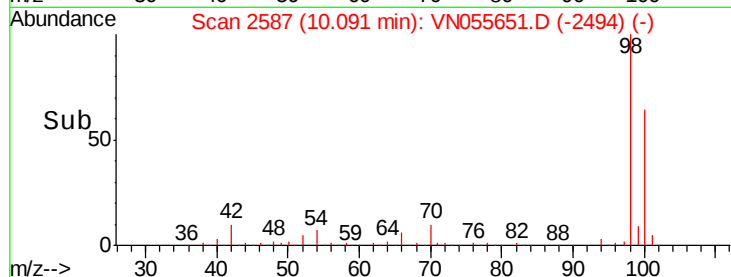
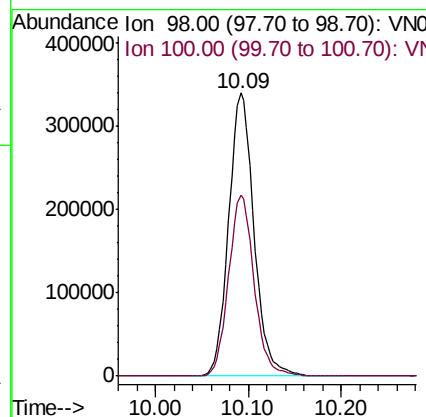
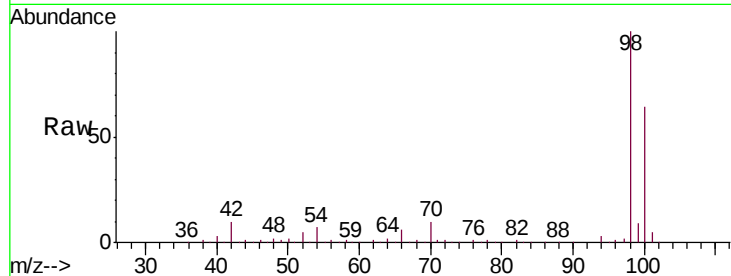
339-RBR-251608

Tgt Ion: 98 Resp: 644920

Ion Ratio Lower Upper

98 100

100 64.5 51.9 77.9



#51

4-Methyl-2-Pentanone

Concen: 0.768 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN055651.D

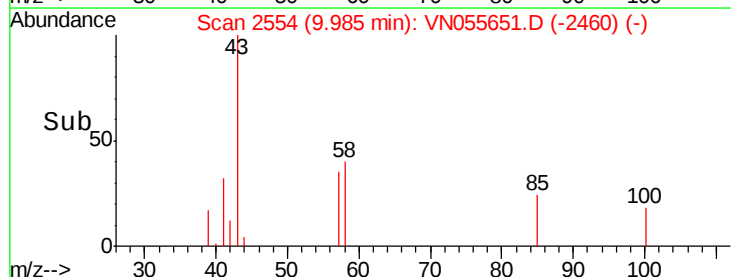
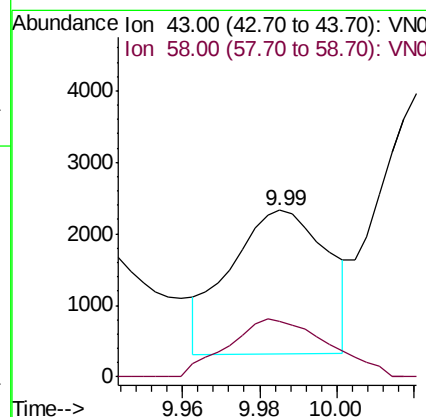
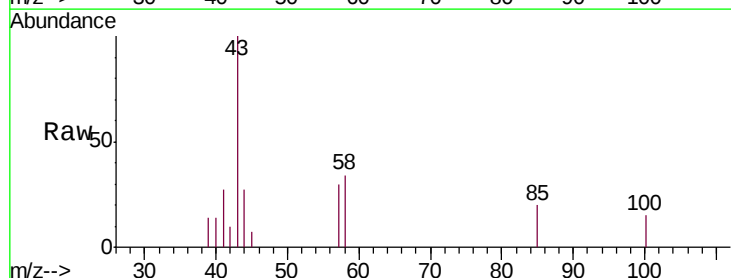
Acq: 18 May 2019 8:27

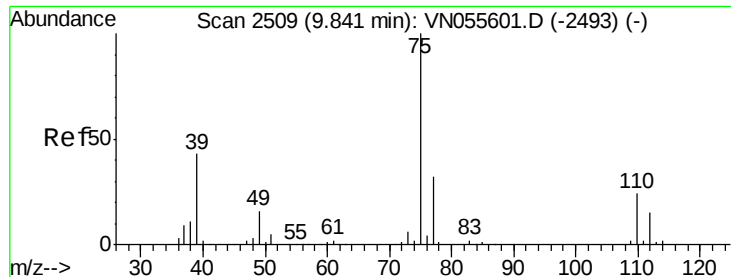
Tgt Ion: 43 Resp: 3516

Ion Ratio Lower Upper

43 100

58 41.3 32.7 49.1





#54

cis-1,3-Dichloropropene

Concen: 8.124 ug/l

RT: 9.90 min Scan# 2528

Delta R.T. 0.06 min

Lab File: VN055651.D

Acq: 18 May 2019 8:27

Instrument :

MSVOA_N

ClientSampleId :

339-RBR-251608

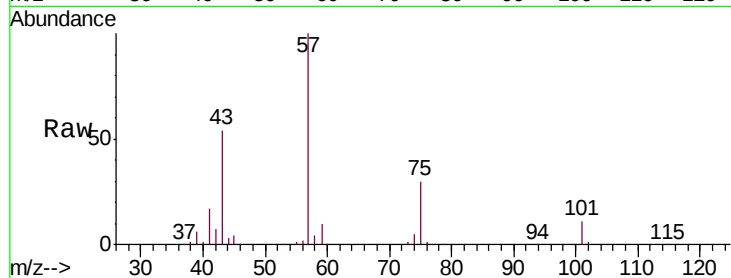
Tgt Ion: 75 Resp: 50652

Ion Ratio Lower Upper

75 100

77 0.6 25.7 38.5#

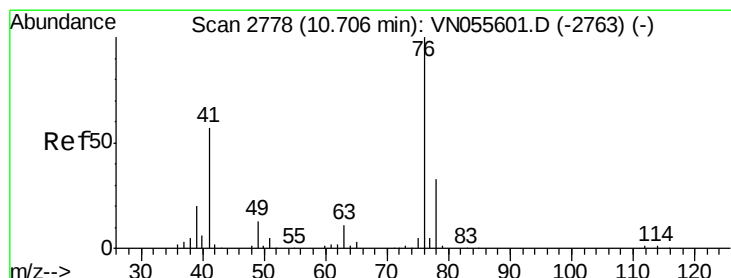
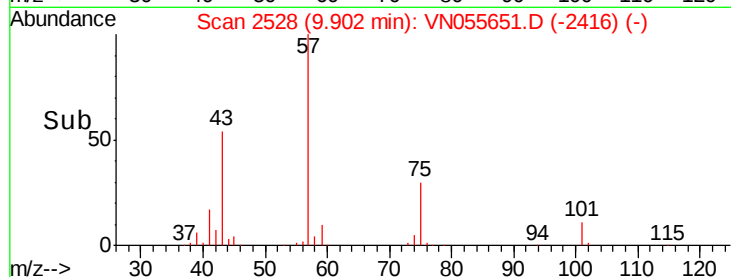
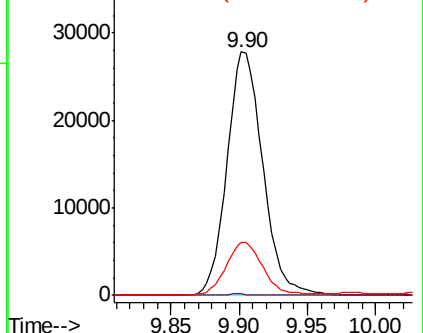
39 21.7 34.7 52.1#



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



#57

1,3-Dichloropropane

Concen: 1.590 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN055651.D

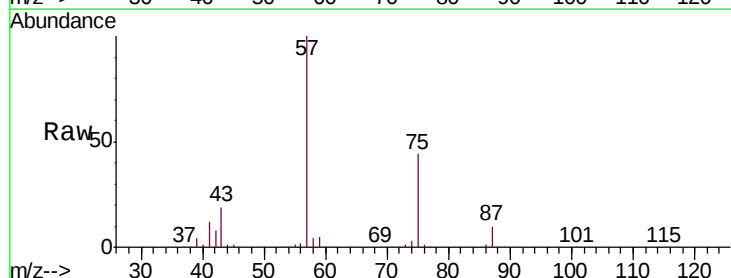
Acq: 18 May 2019 8:27

Tgt Ion: 76 Resp: 9515

Ion Ratio Lower Upper

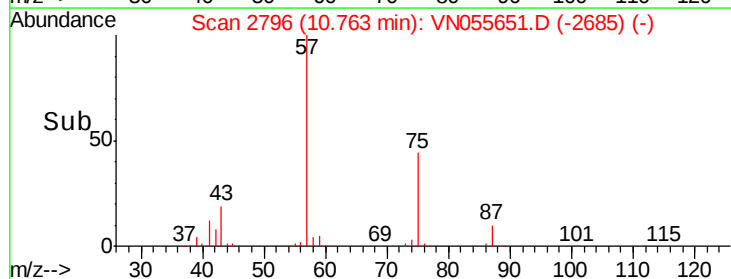
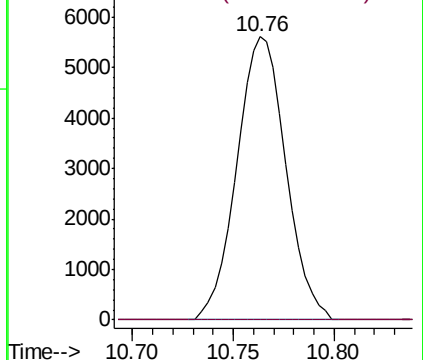
76 100

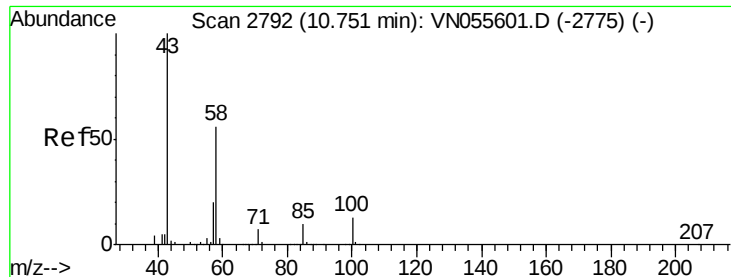
78 0.0 26.5 39.7#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

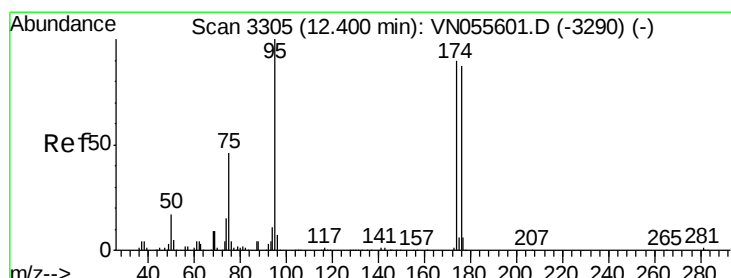
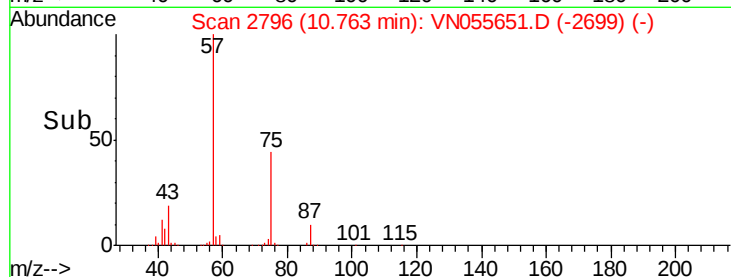
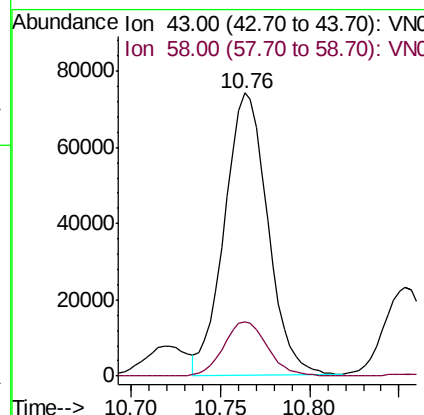
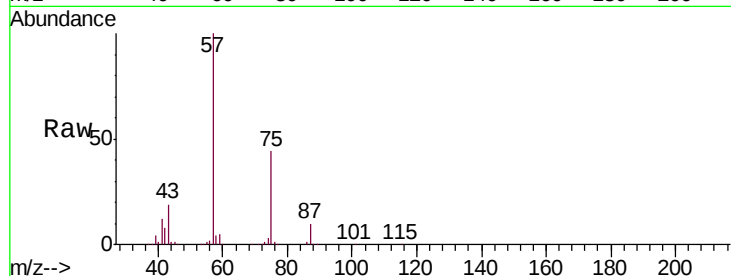




#59
2-Hexanone
Concen: 38.677 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN055651.D
Acq: 18 May 2019 8:27

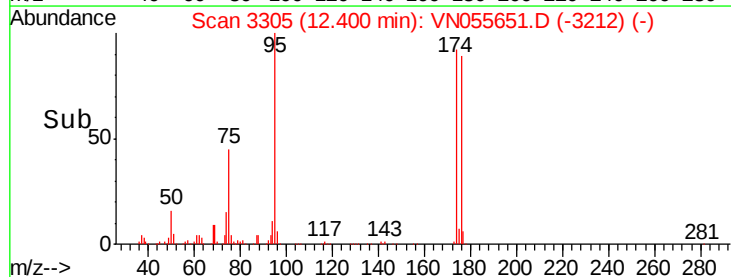
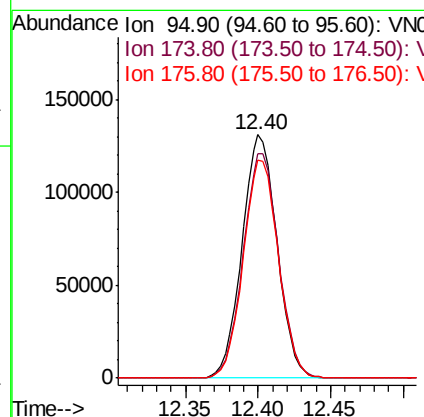
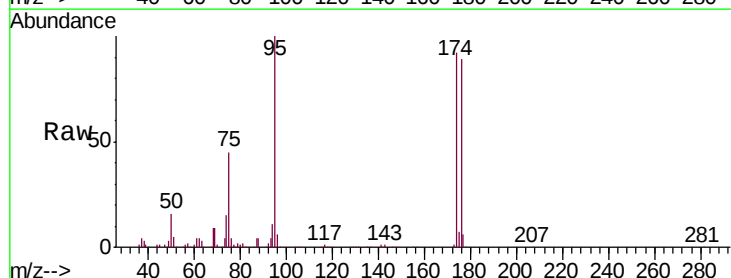
Instrument :
MSVOA_N
ClientSampleId :
339-RBR-251608

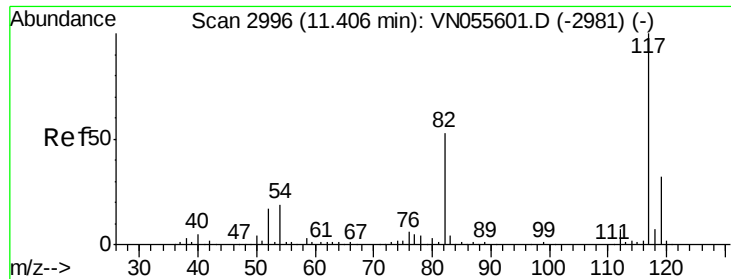
Tgt Ion: 43 Resp: 124733
Ion Ratio Lower Upper
43 100
58 19.6 28.1 84.4#



#62
4-Bromofluorobenzene
Concen: 47.311 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN055651.D
Acq: 18 May 2019 8:27

Tgt Ion: 95 Resp: 218969
Ion Ratio Lower Upper
95 100
174 93.5 0.0 180.6
176 90.7 0.0 177.4

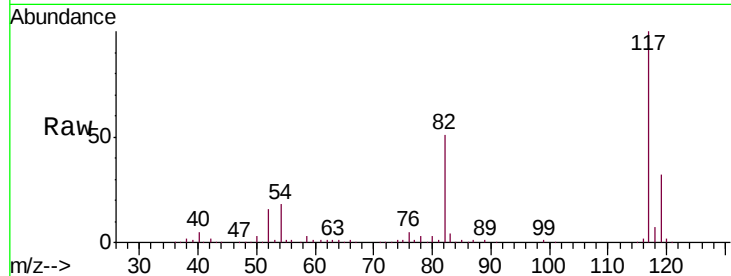




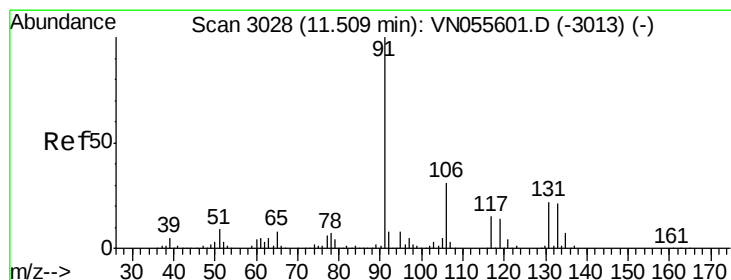
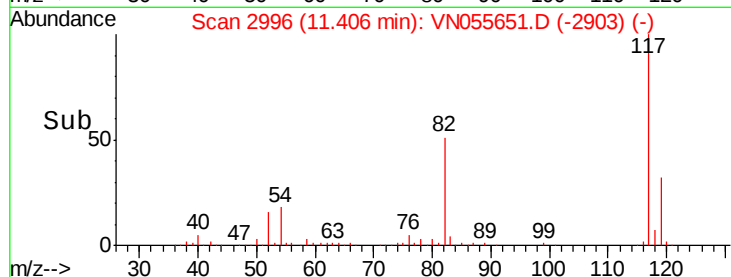
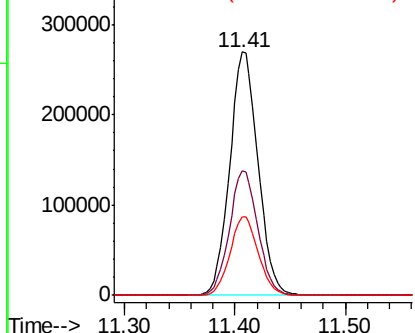
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN055651.D
Acq: 18 May 2019 8:27

Instrument :
MSVOA_N
ClientSampleId :
339-RBR-251608

Tgt Ion: 117 Resp: 478927
Ion Ratio Lower Upper
117 100
82 51.2 42.3 63.5
119 32.4 25.4 38.2

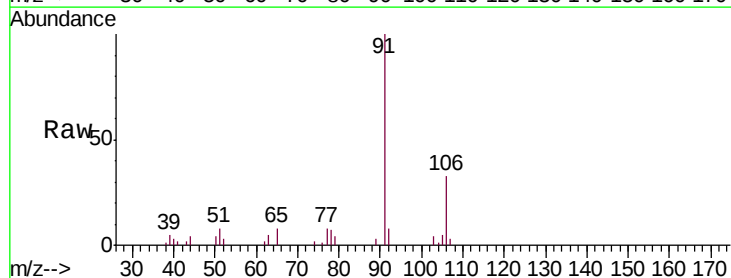


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

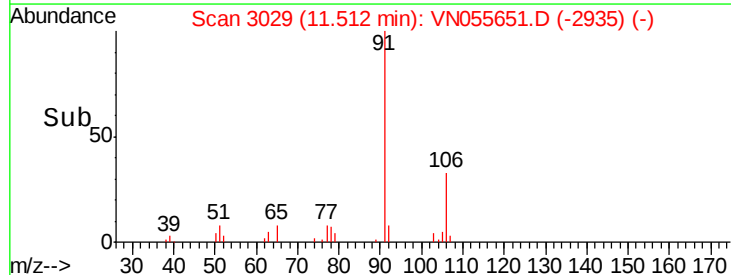
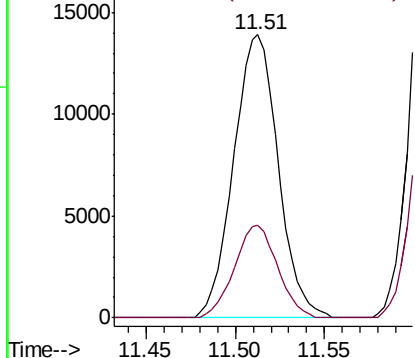


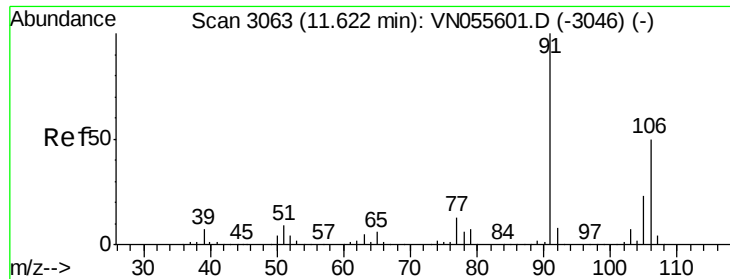
#67
Ethyl Benzene
Concen: 1.399 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN055651.D
Acq: 18 May 2019 8:27

Tgt Ion: 91 Resp: 24149
Ion Ratio Lower Upper
91 100
106 32.8 25.2 37.8



Abundance Ion 91.00 (90.70 to 91.70): V
Ion 106.00 (105.70 to 106.70): V

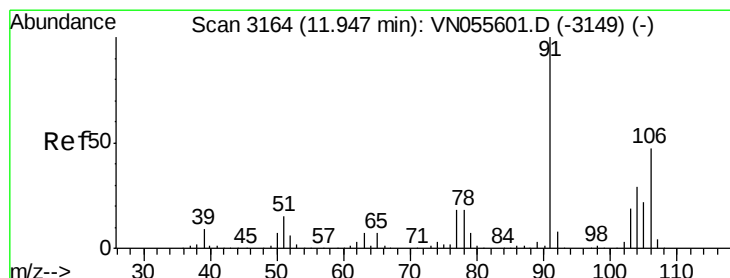
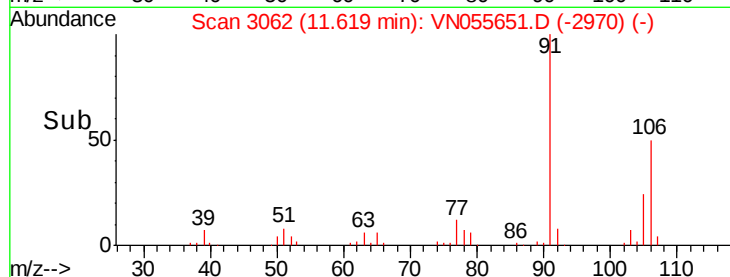
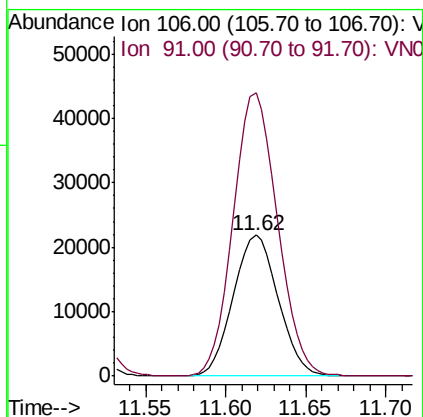
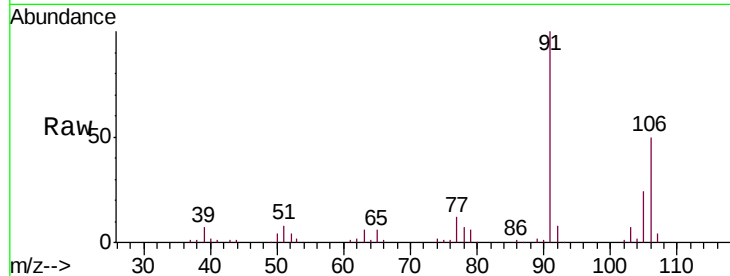




#68
m/p-Xylenes
Concen: 6.446 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN055651.D
Acq: 18 May 2019 8:27

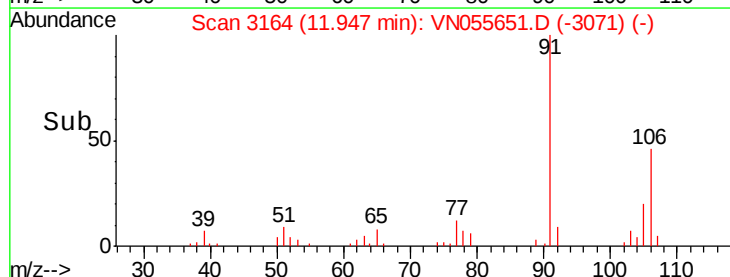
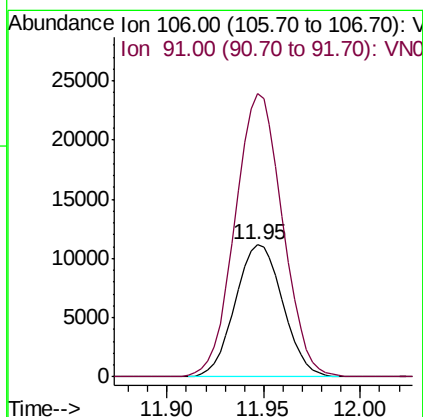
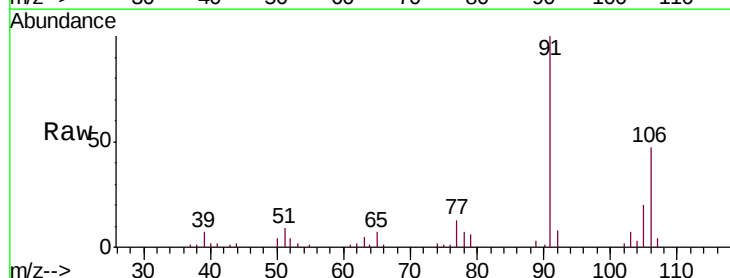
Instrument :
MSVOA_N
ClientSampleId :
339-RBR-251608

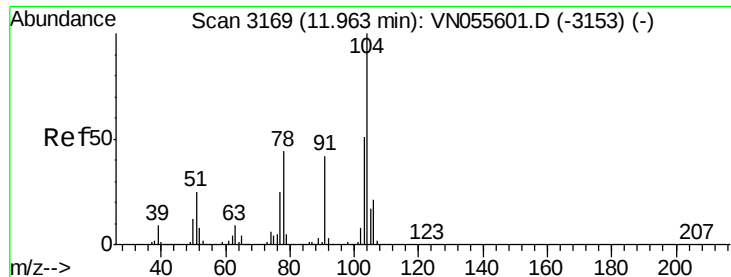
Tgt Ion:106 Resp: 42004
Ion Ratio Lower Upper
106 100
91 198.1 160.5 240.7



#69
o-Xylene
Concen: 2.995 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN055651.D
Acq: 18 May 2019 8:27

Tgt Ion:106 Resp: 19092
Ion Ratio Lower Upper
106 100
91 214.0 106.7 320.2





#70

Styrene

Concen: 0.220 ug/l

RT: 11.96 min Scan# 3169

Delta R.T. -0.00 min

Lab File: VN055651.D

Acq: 18 May 2019 8:27

Instrument :

MSVOA_N

ClientSampleId :

339-RBR-251608

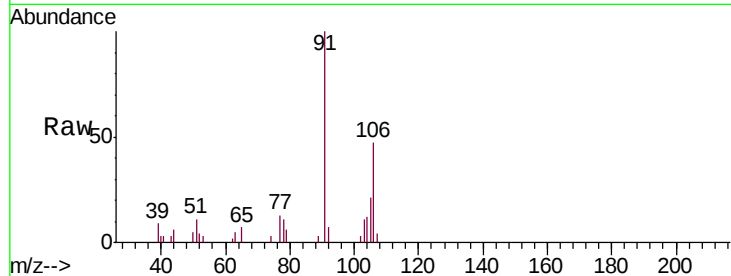
Tgt Ion:104 Resp: 2328

Ion Ratio Lower Upper

104 100

78 138.8 38.6 58.0#

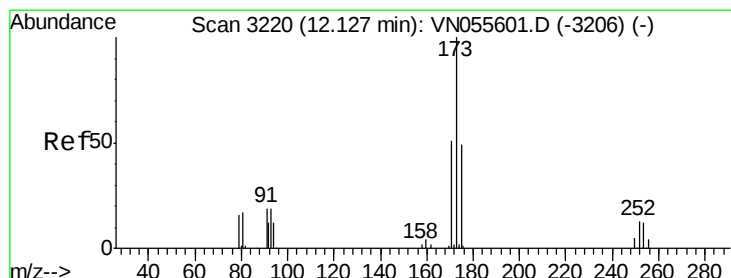
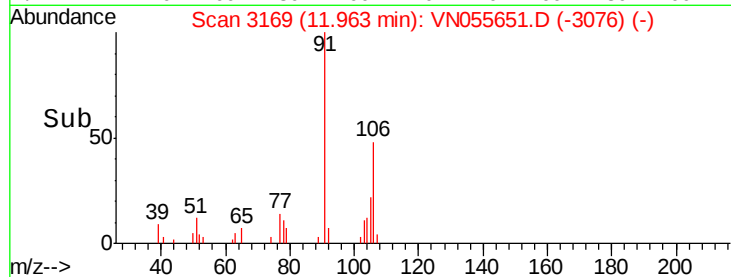
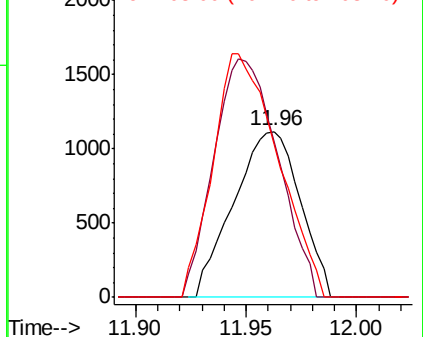
103 143.7 44.4 66.6#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 0.416 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN055651.D

Acq: 18 May 2019 8:27

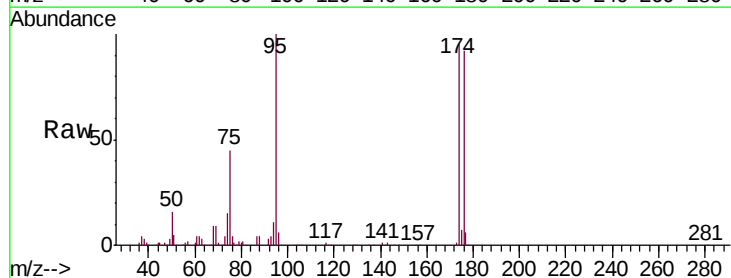
Tgt Ion:173 Resp: 1375

Ion Ratio Lower Upper

173 100

175 953.9 24.3 72.9#

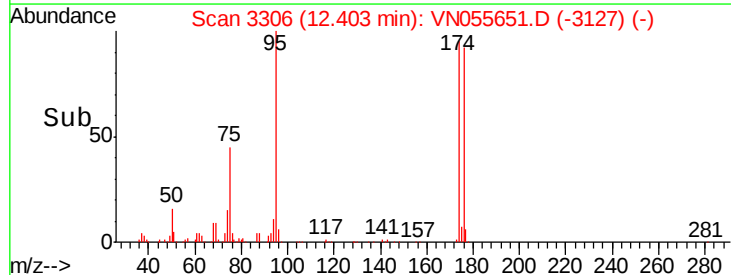
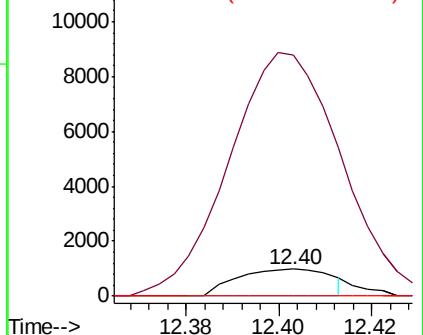
254 0.0 0.1 0.1#

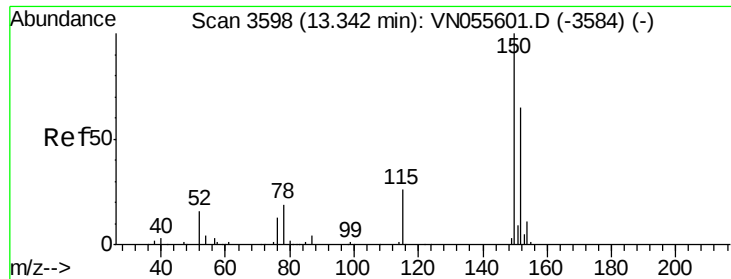


Abundance Ion 172.70 (172.40 to 173.40): V

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: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN055651.D

Acq: 18 May 2019 8:27

Instrument :

MSVOA_N

ClientSampleId :

339-RBR-251608

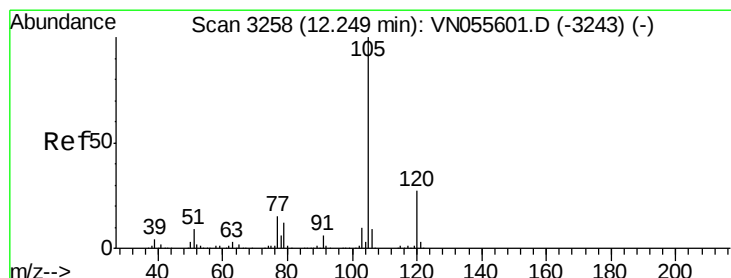
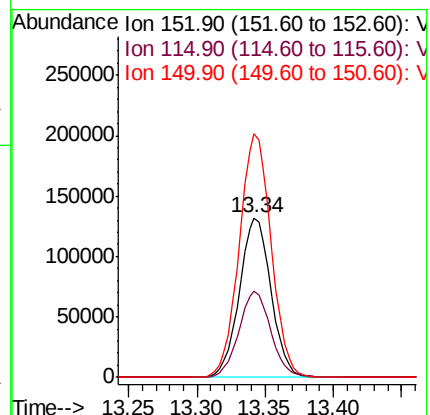
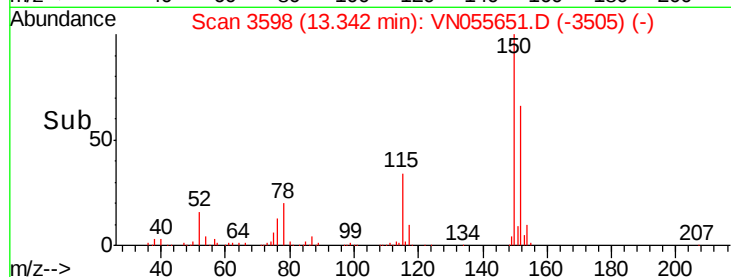
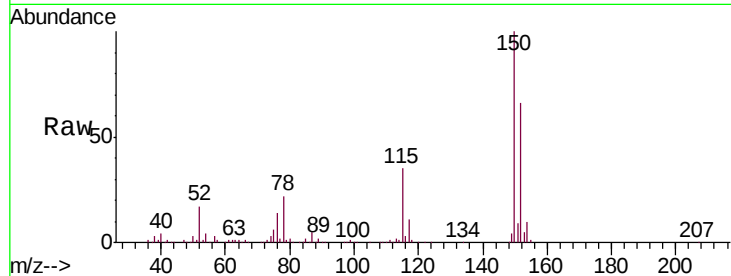
Tgt Ion:152 Resp: 211283

Ion Ratio Lower Upper

152 100

115 55.1 28.1 84.2

150 154.3 0.0 348.0



#73

Isopropylbenzene

Concen: Below Cal

RT: 12.25 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN055651.D

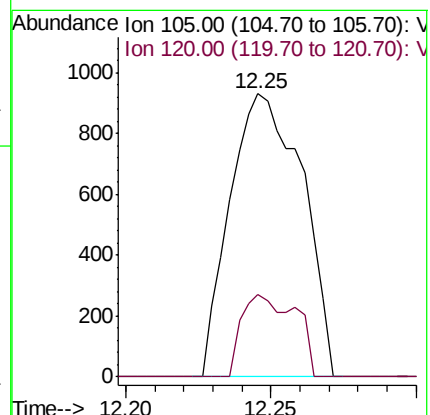
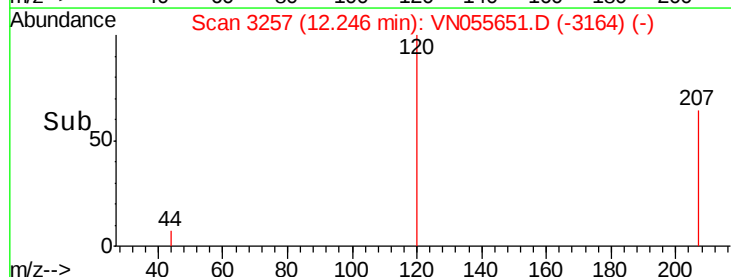
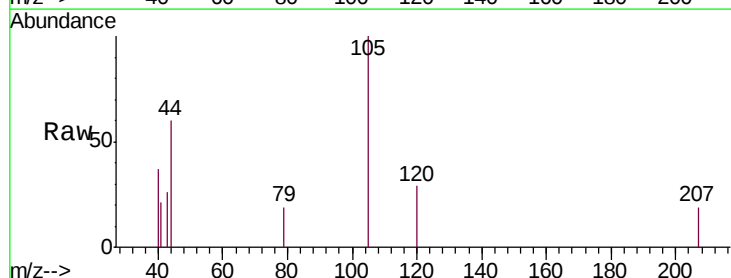
Acq: 18 May 2019 8:27

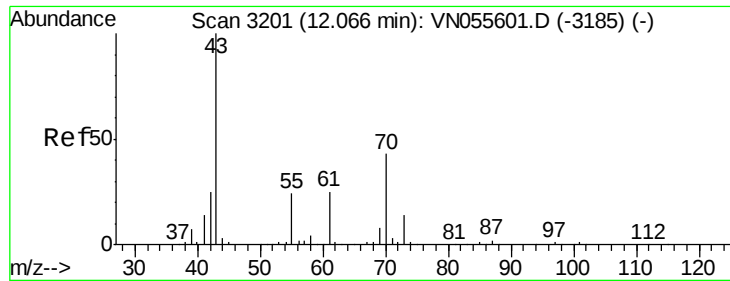
Tgt Ion:105 Resp: 1611

Ion Ratio Lower Upper

105 100

120 21.5 13.4 40.2





#74

N-amyI acetate

Concen: 2.058 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN055651.D

Acq: 18 May 2019 8:27

Instrument :

MSVOA_N

ClientSampleId :

339-RBR-251608

Tgt Ion: 43 Resp: 12209

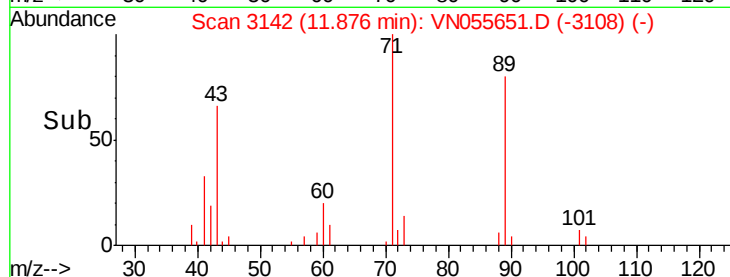
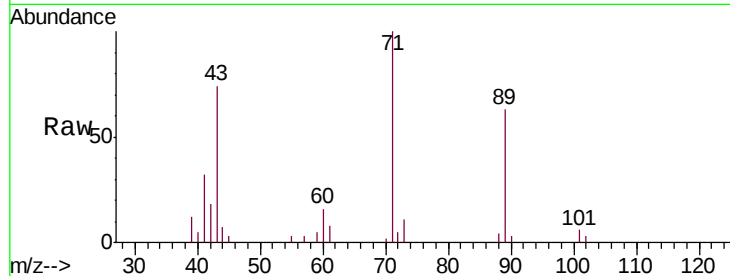
Ion Ratio Lower Upper

43 100

70 1.5 35.0 52.6#

55 5.1 18.9 28.3#

61 10.9 20.1 30.1#

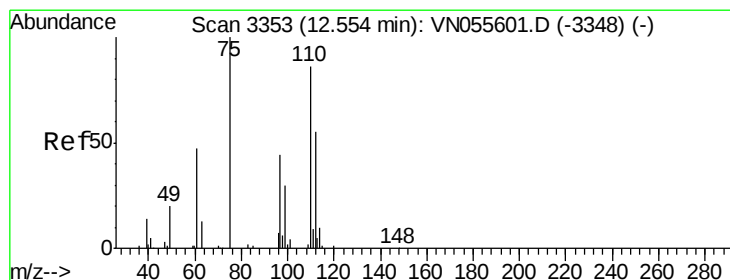
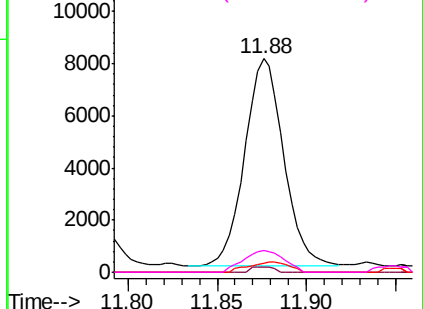


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#76

1,2,3-Trichloropropane

Concen: 22.888 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055651.D

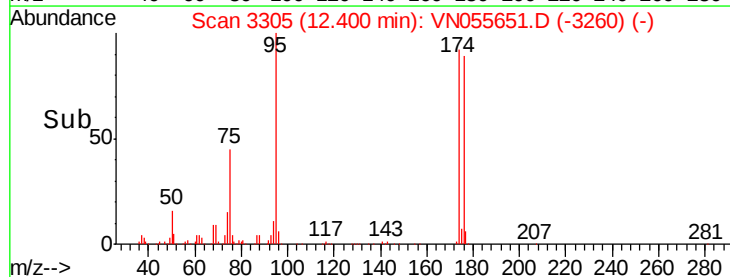
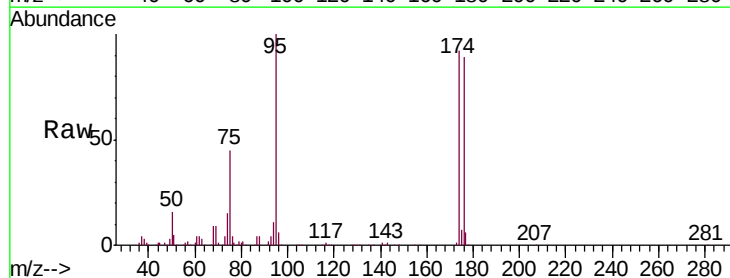
Acq: 18 May 2019 8:27

Tgt Ion: 75 Resp: 98675

Ion Ratio Lower Upper

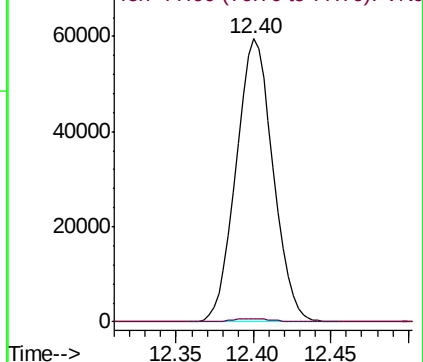
75 100

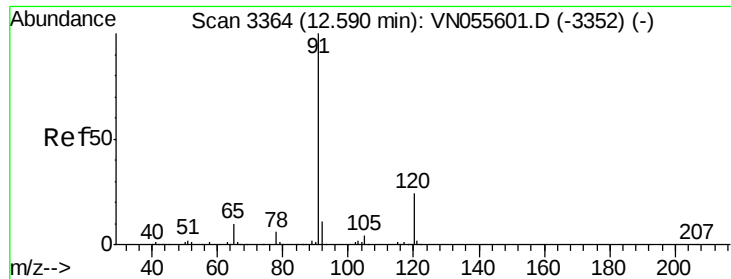
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

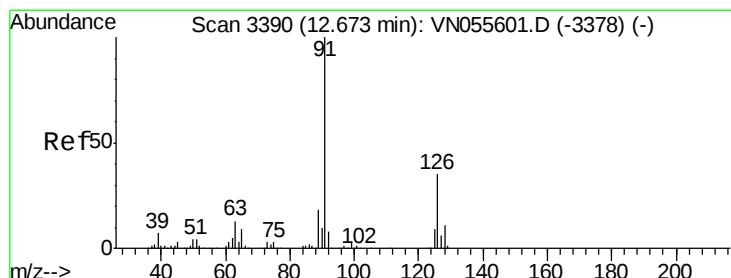
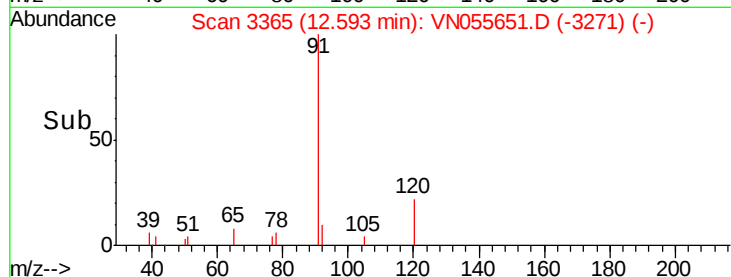
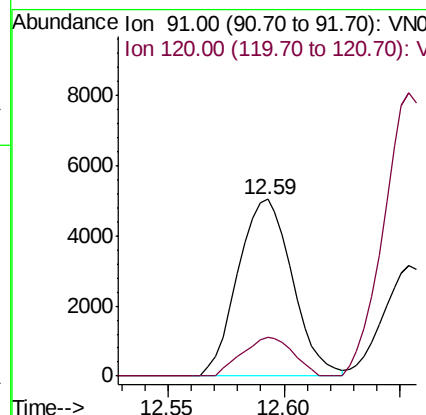
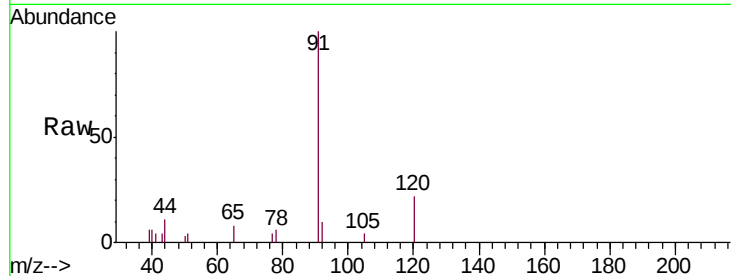




#78
n-propylbenzene
Concen: 0.439 ug/l
RT: 12.59 min Scan# 3365
Delta R.T. 0.00 min
Lab File: VN055651.D
Acq: 18 May 2019 8:27

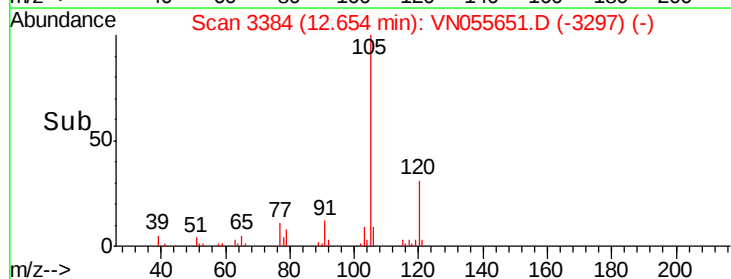
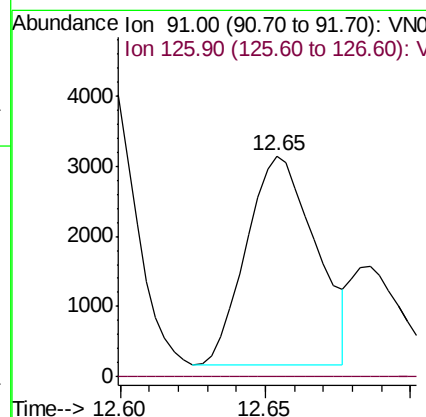
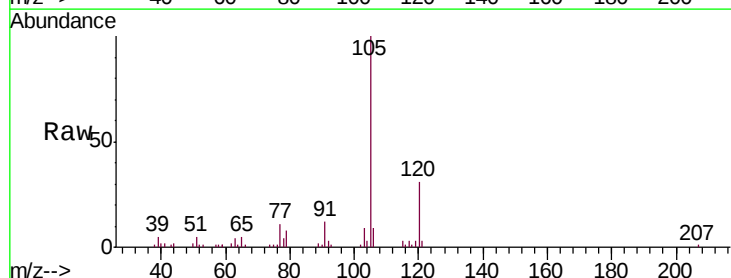
Instrument :
MSVOA_N
ClientSampleId :
339-RBR-251608

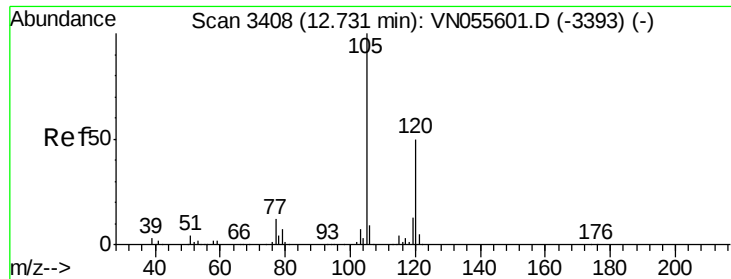
Tgt Ion: 91 Resp: 8228
Ion Ratio Lower Upper
91 100
120 20.4 11.9 35.5



#79
2-Chlorotoluene
Concen: Below Cal
RT: 12.65 min Scan# 3384
Delta R.T. -0.02 min
Lab File: VN055651.D
Acq: 18 May 2019 8:27

Tgt Ion: 91 Resp: 4911
Ion Ratio Lower Upper
91 100
126 0.0 17.8 53.4#

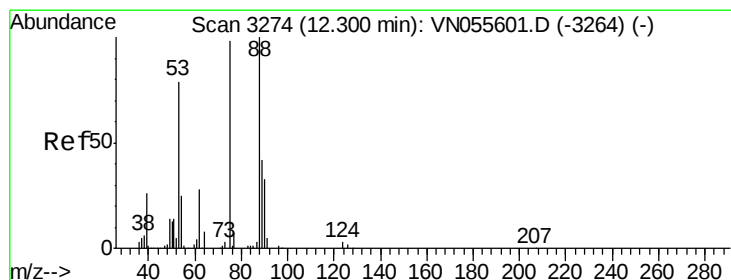
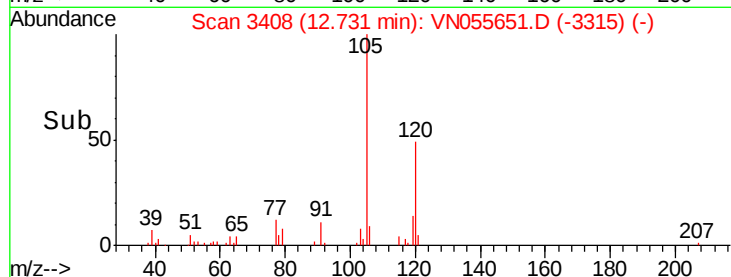
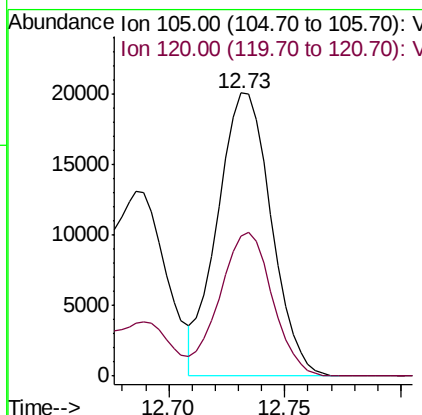
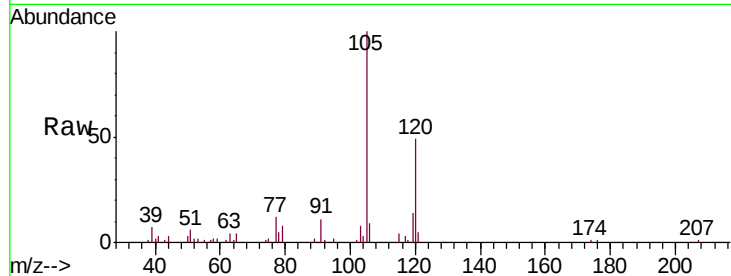




#80
 1,3,5-Trimethylbenzene
 Concen: 0.539 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN055651.D
 Acq: 18 May 2019 8:27

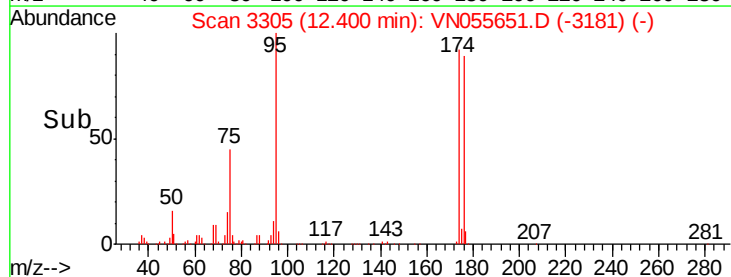
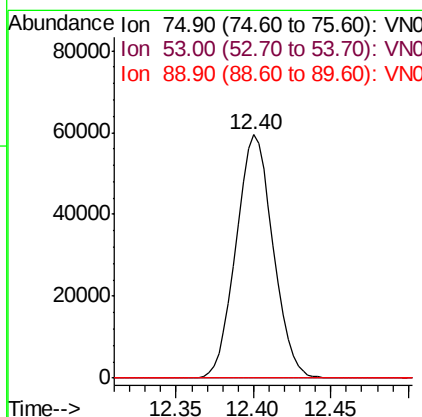
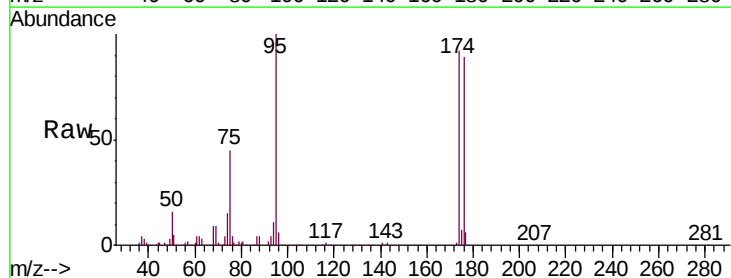
Instrument :
 MSVOA_N
 ClientSampleId :
 339-RBR-251608

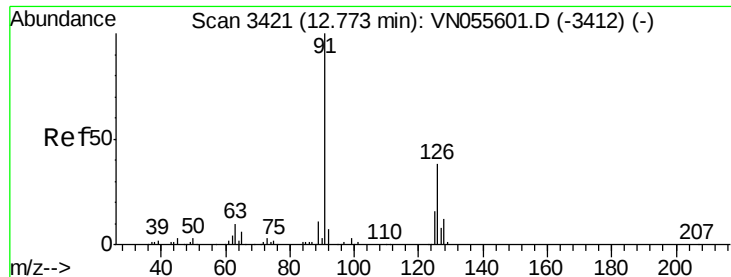
Tgt Ion: 105 Resp: 32400
 Ion Ratio Lower Upper
 105 100
 120 49.6 24.6 74.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 58.835 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN055651.D
 Acq: 18 May 2019 8:27

Tgt Ion: 75 Resp: 98675
 Ion Ratio Lower Upper
 75 100
 53 0.0 65.1 97.7#
 89 0.0 36.4 54.6#

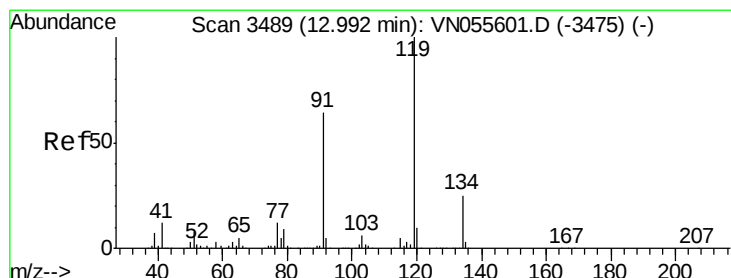
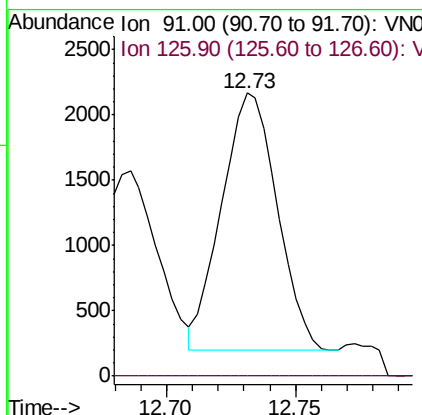
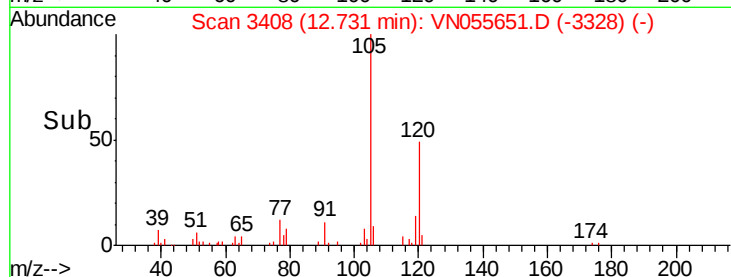
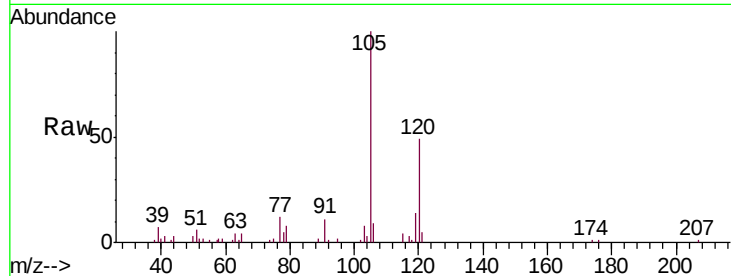




#82
4-Chlorotoluene
Concen: 0.266 ug/l
RT: 12.73 min Scan# 3408
Delta R.T. -0.04 min
Lab File: VN055651.D
Acq: 18 May 2019 8:27

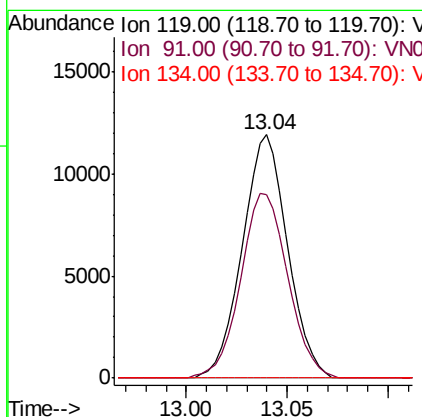
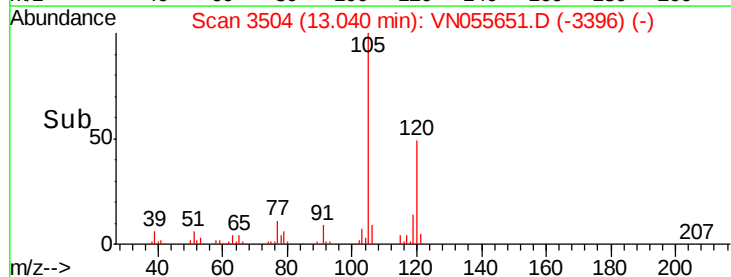
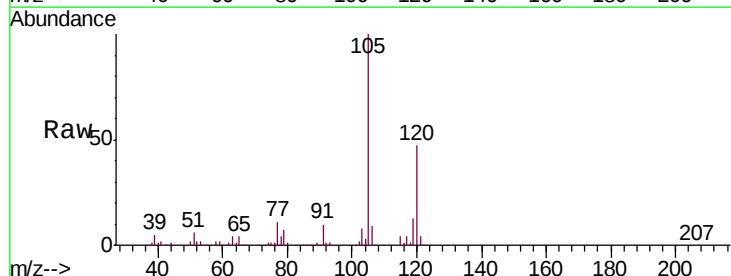
Instrument :
MSVOA_N
ClientSampleId :
339-RBR-251608

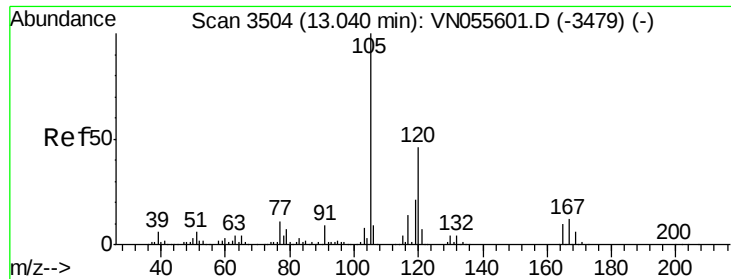
Tgt Ion: 91 Resp: 2936
Ion Ratio Lower Upper
91 100
126 0.0 17.5 52.6#



#83
tert-Butylbenzene
Concen: Below Cal
RT: 13.04 min Scan# 3504
Delta R.T. 0.05 min
Lab File: VN055651.D
Acq: 18 May 2019 8:27

Tgt Ion: 119 Resp: 18691
Ion Ratio Lower Upper
119 100
91 79.4 31.3 93.8
134 0.0 13.2 39.6#

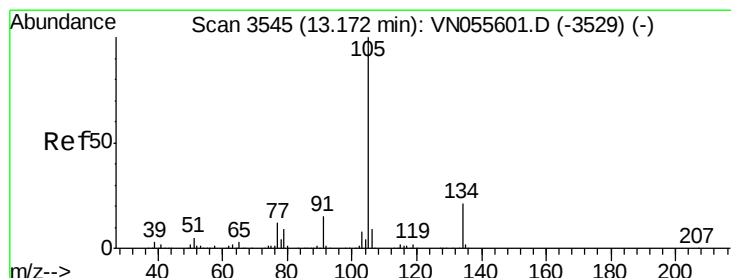
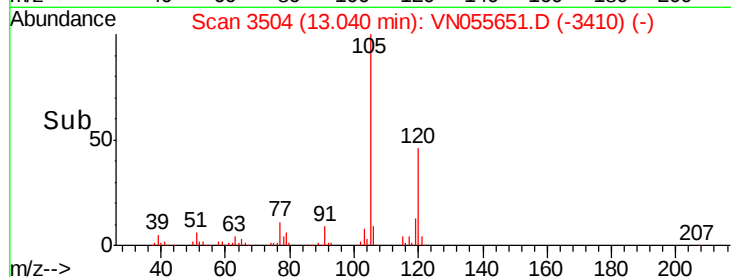
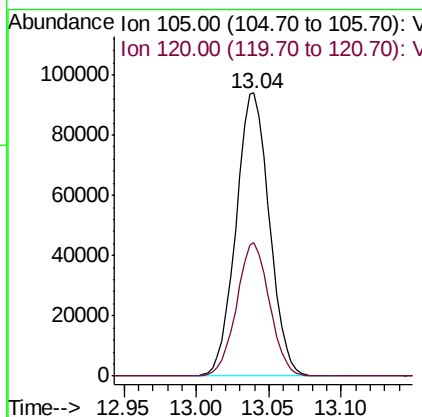
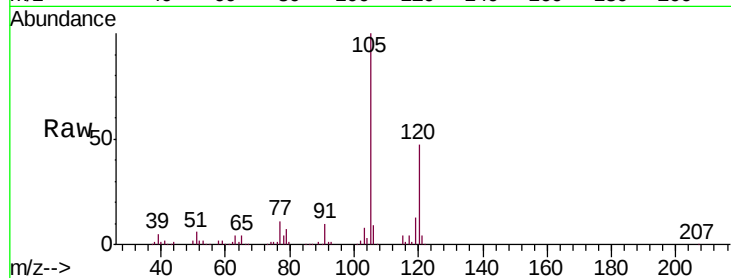




#84
 1,2,4-Trimethylbenzene
 Concen: 10.522 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN055651.D
 Acq: 18 May 2019 8:27

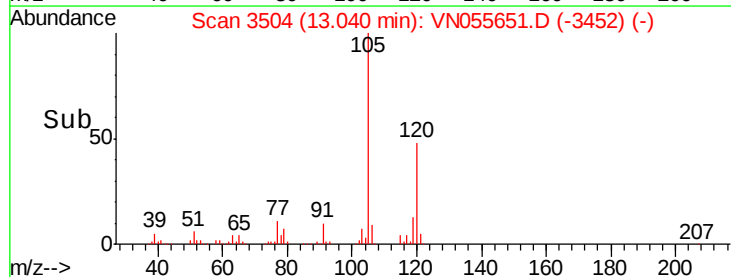
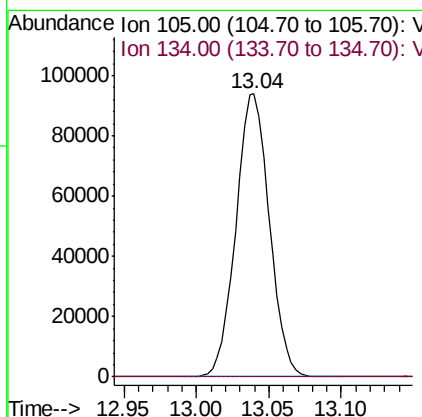
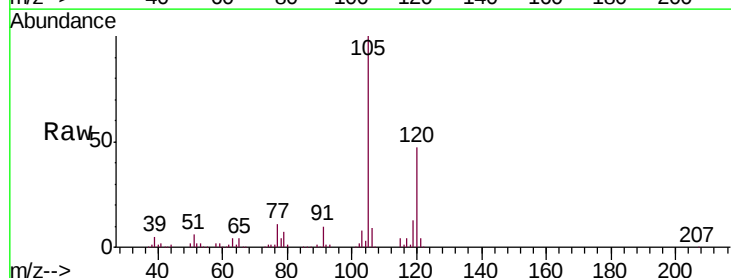
Instrument :
 MSVOA_N
 ClientSampleId :
 339-RBR-251608

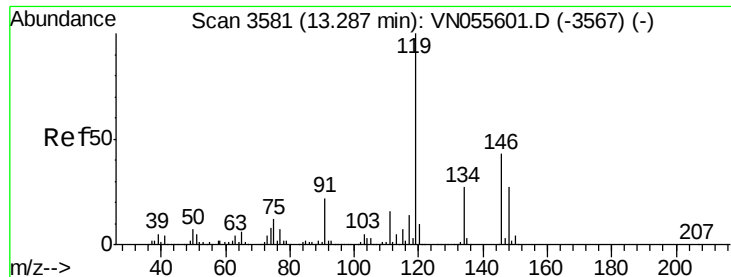
Tgt Ion:105 Resp: 150506
 Ion Ratio Lower Upper
 105 100
 120 46.5 23.1 69.2



#85
 sec-Butylbenzene
 Concen: 8.898 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.13 min
 Lab File: VN055651.D
 Acq: 18 May 2019 8:27

Tgt Ion:105 Resp: 150506
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.3 30.9#

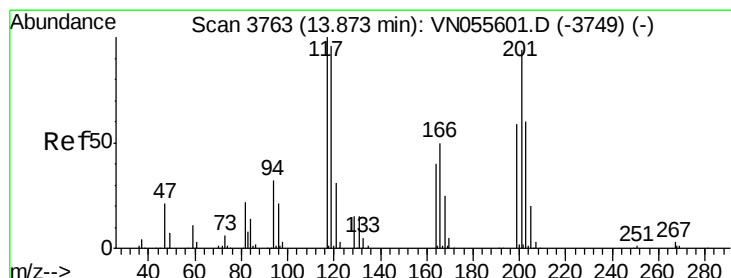
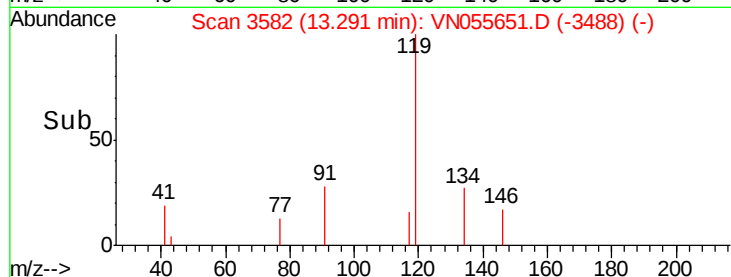
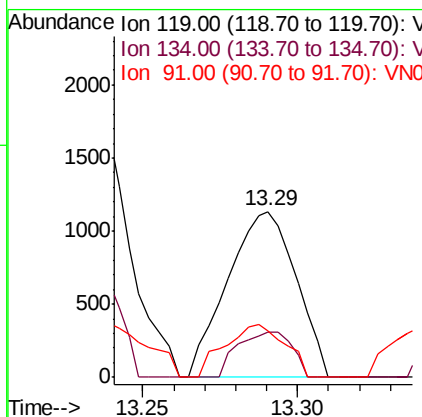
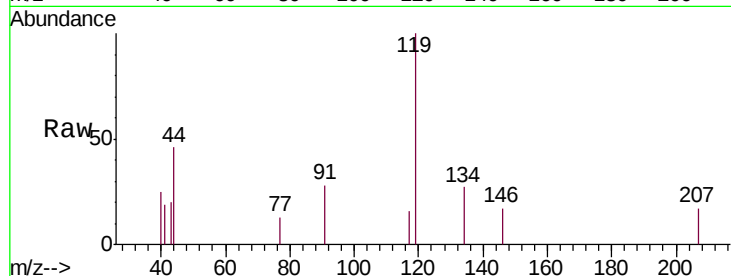




#86
p-Isopropyltoluene
Concen: Below Cal
RT: 13.29 min Scan# 3582
Delta R.T. 0.00 min
Lab File: VN055651.D
Acq: 18 May 2019 8:27

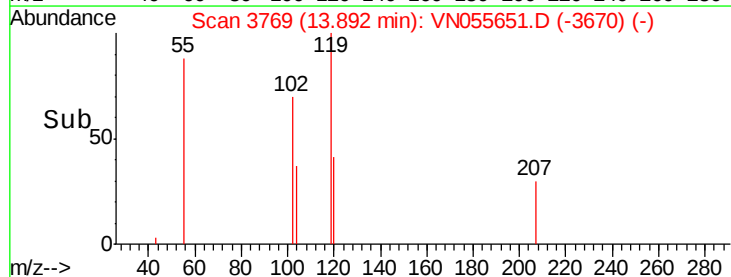
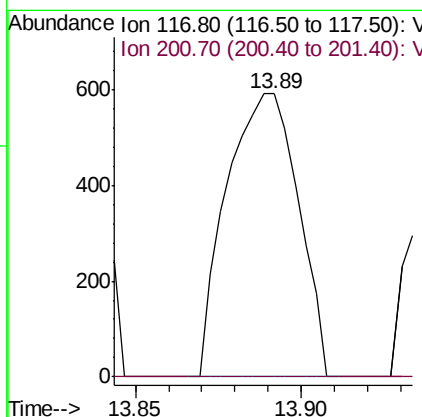
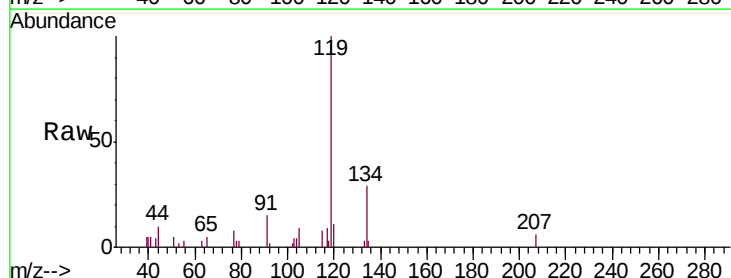
Instrument :
MSVOA_N
ClientSampleId :
339-RBR-251608

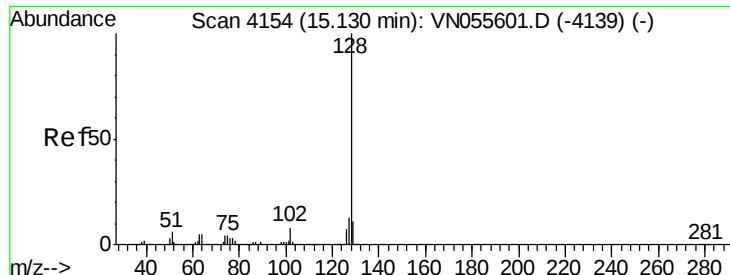
Tgt Ion:119 Resp: 1748
Ion Ratio Lower Upper
119 100
134 21.6 13.4 40.2
91 27.9 11.0 33.0



#90
Hexachloroethane
Concen: Below Cal
RT: 13.89 min Scan# 3769
Delta R.T. 0.02 min
Lab File: VN055651.D
Acq: 18 May 2019 8:27

Tgt Ion:117 Resp: 889
Ion Ratio Lower Upper
117 100
201 0.0 47.1 141.3#





#95
Naphthalene
Concen: 5.044 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN055651.D
Acq: 18 May 2019 8:27

Instrument :
MSVOA_N
ClientSampleId :
339-RBR-251608

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.2	10.2	15.4
129	10.8	8.6	12.8

