

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN090219\
 Data File : VN057641.D
 Acq On : 1 Sep 2019 13:56
 Operator : JC/SP
 Sample : K4571-07
 Misc : 7.09g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RBR-200052

Quant Time: Sep 02 01:52:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N090119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 31 15:54:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	175663	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	300619	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	252705	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	114784	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	208059	52.43	ug/l	0.00
Spiked Amount			Recovery	=	104.86%	
35) Dibromofluoromethane	7.57	113	123398	47.00	ug/l	0.00
Spiked Amount			Recovery	=	94.00%	
50) Toluene-d8	10.09	98	481013	47.72	ug/l	0.00
Spiked Amount			Recovery	=	95.44%	
62) 4-Bromofluorobenzene	12.40	95	155026	40.45	ug/l	0.00
Spiked Amount			Recovery	=	80.90%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.51	94	873	0.544	ug/l	90
6) Chloroethane	2.60	64	615	0.434	ug/l #	44
10) Methyl Iodide	3.91	142	644	0.276	ug/l #	87
13) Acrolein	3.59	56	294	1.777	ug/l	90
16) Acetone	3.82	43	583	0.524	ug/l #	86
18) Methyl Acetate	4.32	43	9334	2.444	ug/l #	82
20) Methylene Chloride	4.52	84	2010	0.730	ug/l #	61
25) 2-Butanone	6.84	43	2655	1.433	ug/l #	53
30) Chloroform	7.36	83	1164	0.218	ug/l #	17
31) Cyclohexane	7.65	56	6141	1.168	ug/l #	30
36) 1,1-Dichloropropene	7.64	75	18263	4.582	ug/l #	51
38) Carbon Tetrachloride	7.65	117	20333	5.699	ug/l #	13
40) Benzene	8.03	78	2425	0.209	ug/l #	84
41) Methacrylonitrile	7.18	41	144	2.348	ug/l #	21
51) 4-Methyl-2-Pentanone	9.99	43	1205	0.308	ug/l #	74
53) t-1,3-Dichloropropene	10.38	75	116	3.245	ug/l #	45
54) cis-1,3-Dichloropropene	9.83	75	130	1.838	ug/l #	76
59) 2-Hexanone	10.76	43	2879	1.001	ug/l	69
60) Dibromochloromethane	10.63	129	1027	3.880	ug/l #	11
64) Tetrachloroethene	10.62	164	724	0.331	ug/l #	79
68) m/p-Xylenes	11.63	106	1272	0.293	ug/l	100
69) o-Xylene	11.94	106	927	0.221	ug/l	53
70) Styrene	11.96	104	1166	2.729	ug/l	97
71) Bromoform	12.39	173	301	6.380	ug/l #	28
74) N-ethyl acetate	12.07	43	1199	0.219	ug/l #	71
76) 1,2,3-Trichloropropane	12.40	75	92523	30.644	ug/l #	100
78) n-propylbenzene	12.59	91	3501	0.271	ug/l	82
79) 2-Chlorotoluene	12.68	91	2331	0.290	ug/l	94
80) 1,3,5-Trimethylbenzene	12.73	105	2011	0.211	ug/l	88
81) trans-1,4-Dichloro-2-buten	12.40	75	92523	105.040	ug/l #	1
82) 4-Chlorotoluene	12.78	91	3353	0.421	ug/l	86
85) sec-Butylbenzene	13.17	105	3581	0.329	ug/l	90
86) p-Isopropyltoluene	13.30	119	2961	0.329	ug/l	83
87) 1,3-Dichlorobenzene	13.29	146	3296	0.820	ug/l	91

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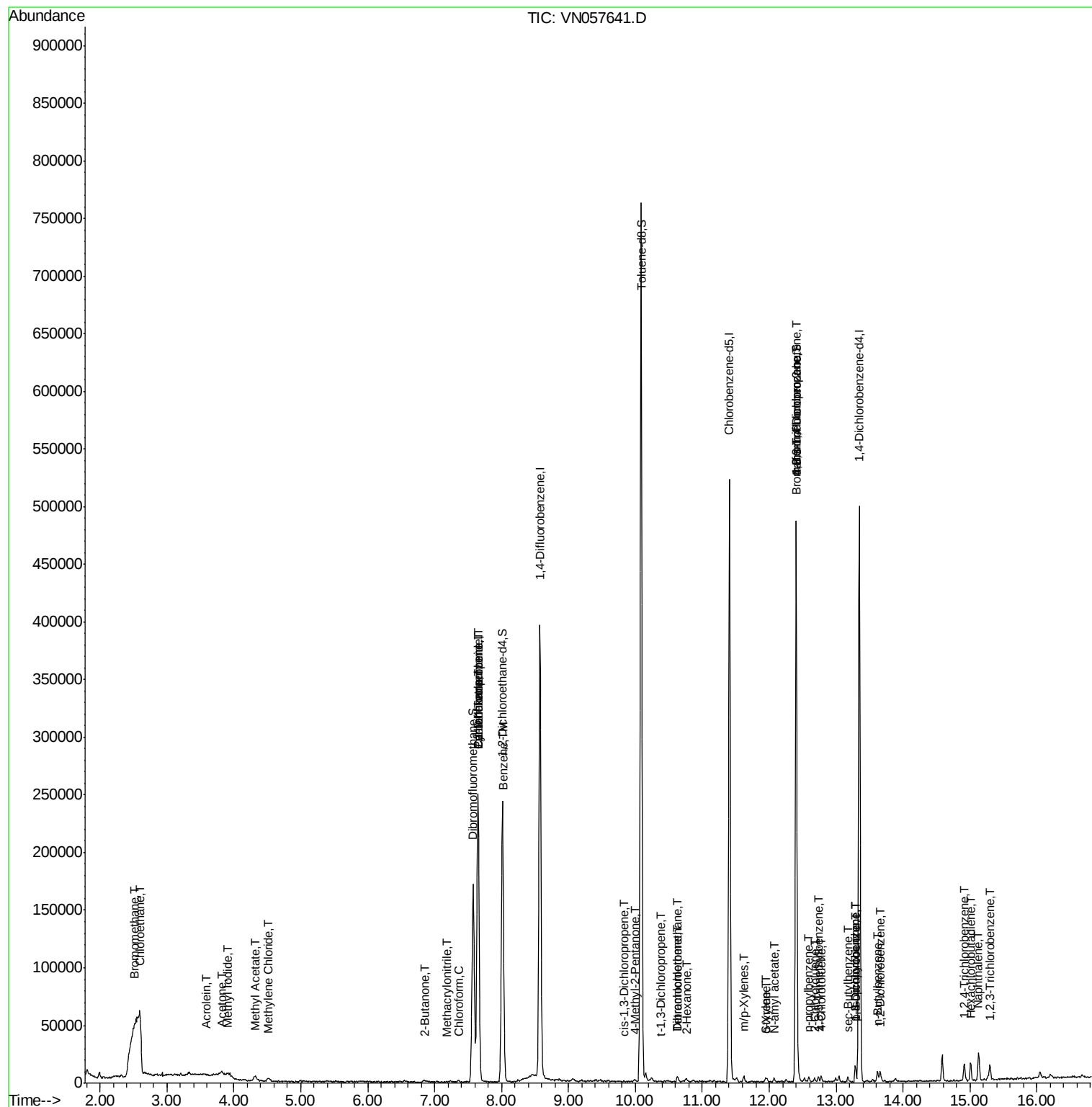
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
88) 1,4-Dichlorobenzene	13.29	146	3296	0.849	ug/l	90
89) n-Butylbenzene	13.62	91	5194	0.616	ug/l	93
91) 1,2-Dichlorobenzene	13.66	146	3084	0.804	ug/l	88
93) 1,2,4-Trichlorobenzene	14.91	180	4436	10.519	ug/l	91
94) Hexachlorobutadiene	15.01	225	2781	2.113	ug/l	89
95) Naphthalene	15.13	128	17854	10.030	ug/l #	96
96) 1,2,3-Trichlorobenzene	15.29	180	3291	9.434	ug/l	91

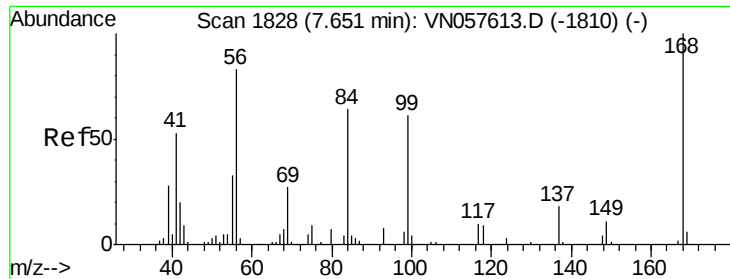
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VN057641.D

Acq: 1 Sep 2019 13:56

Instrument :

MSVOA_N

ClientSampleId :

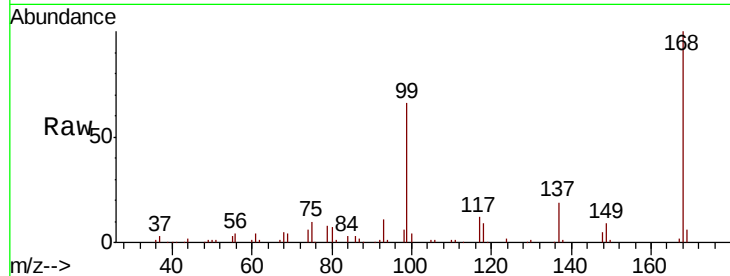
RBR-200052

Tgt Ion: 168 Resp: 175663

Ion Ratio Lower Upper

168 100

99 66.2 54.2 81.2



Abundance Ion 167.90 (167.60 to 168.60): VN057641.D (-1735) (-)

Ion 98.90 (98.60 to 99.60): VN057641.D (-1735) (-)

7.65

80000

60000

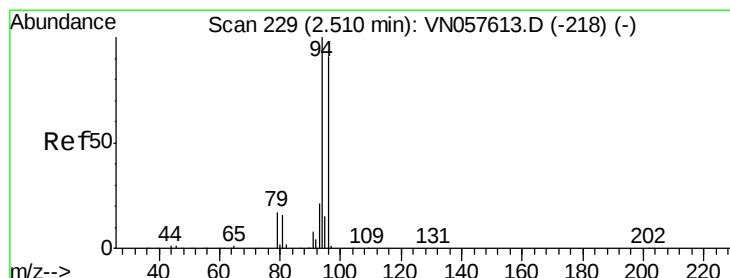
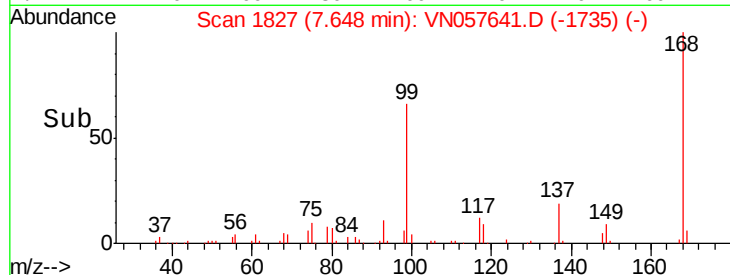
40000

20000

0

Time-->

7.55 7.60 7.65 7.70 7.75



#5

Bromomethane

Concen: 0.544 ug/l

RT: 2.51 min Scan# 228

Delta R.T. -0.00 min

Lab File: VN057641.D

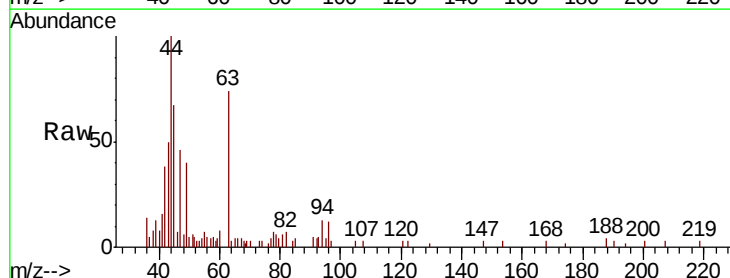
Acq: 1 Sep 2019 13:56

Tgt Ion: 94 Resp: 873

Ion Ratio Lower Upper

94 100

96 100.7 72.9 109.3



Abundance Ion 93.90 (93.60 to 94.60): VN057641.D (-136) (-)

Ion 95.90 (95.60 to 96.60): VN057641.D (-136) (-)

2.51

1000

800

600

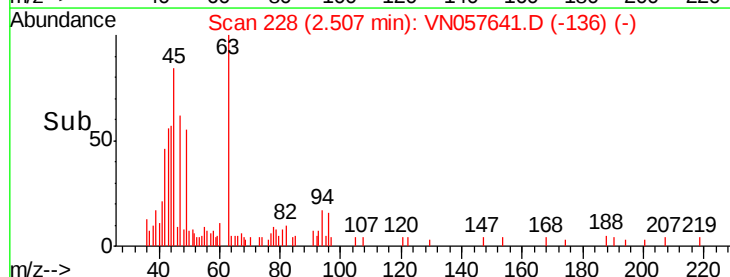
400

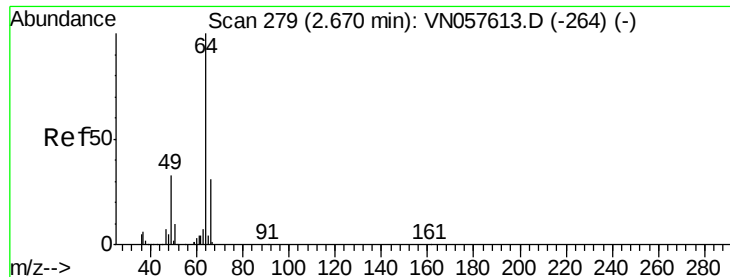
200

0

Time-->

2.50 2.55





#6

Chloroethane

Concen: 0.434 ug/l

RT: 2.60 min Scan# 257

Delta R.T. -0.07 min

Lab File: VN057641.D

Acq: 1 Sep 2019 13:56

Instrument :

MSVOA_N

ClientSampleId :

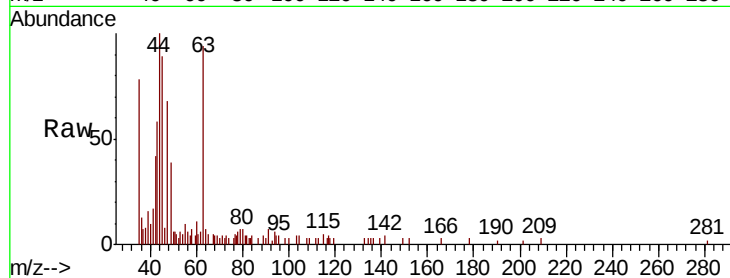
RBR-200052

Tgt Ion: 64 Resp: 615

Ion Ratio Lower Upper

64 100

66 0.0 24.7 37.1#



Abundance Ion 63.90 (63.60 to 64.60): VN057613.D (-264) (-)

Ion 65.90 (65.60 to 66.60): VN057613.D (-264) (-)

800

600

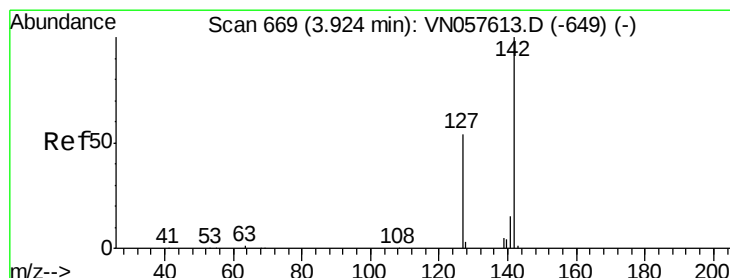
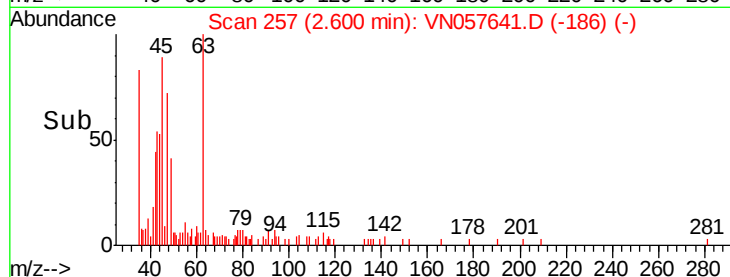
400

200

0

2.58 2.60 2.62

Time-->



#10

Methyl Iodide

Concen: 0.276 ug/l

RT: 3.91 min Scan# 663

Delta R.T. -0.02 min

Lab File: VN057641.D

Acq: 1 Sep 2019 13:56

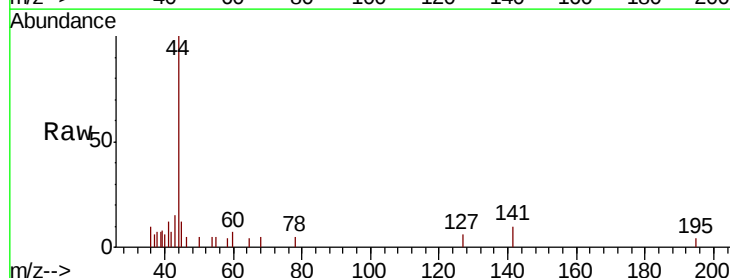
Tgt Ion: 142 Resp: 644

Ion Ratio Lower Upper

142 100

127 48.8 43.0 64.6

141 0.0 11.4 17.2#



Abundance Ion 141.80 (141.50 to 142.50): VN057613.D (-649) (-)

Ion 126.80 (126.50 to 127.50): VN057613.D (-649) (-)

Ion 140.80 (140.50 to 141.50): VN057613.D (-649) (-)

400

300

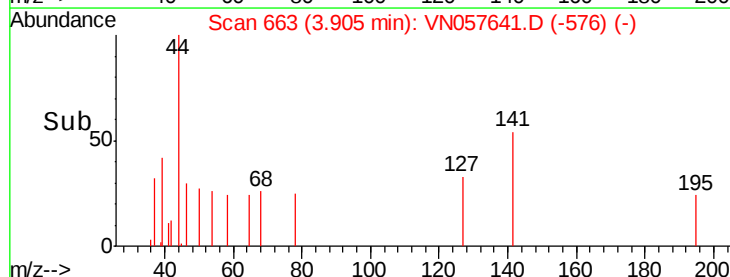
200

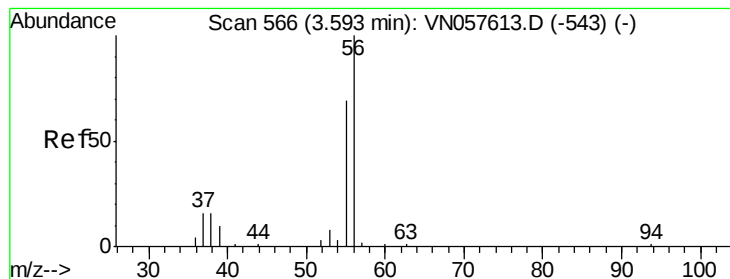
100

0

3.86 3.88 3.90 3.92

Time-->





#13

Acrolein

Concen: 1.777 ug/l

RT: 3.59 min Scan# 565

Delta R.T. -0.00 min

Lab File: VN057641.D

Acq: 1 Sep 2019 13:56

Instrument :

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ClientSampleId :

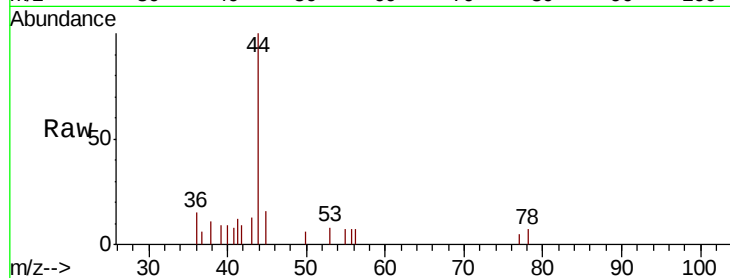
RBR-200052

Tgt Ion: 56 Resp: 294

Ion Ratio Lower Upper

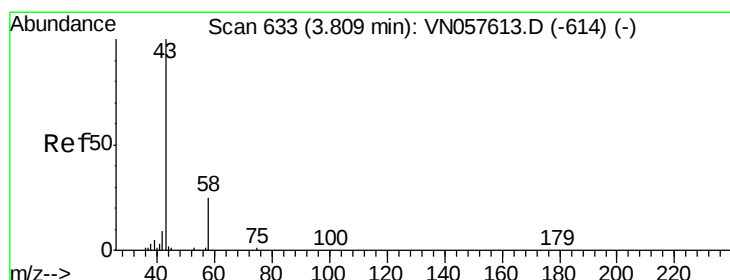
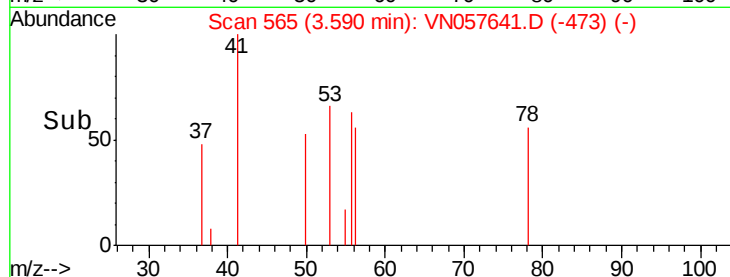
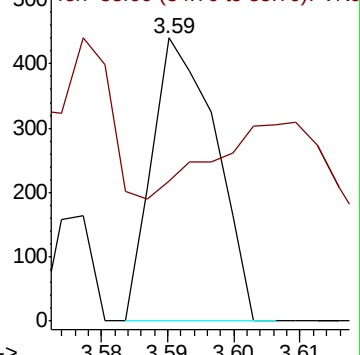
56 100

55 62.2 56.5 84.7



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#16

Acetone

Concen: 0.524 ug/l

RT: 3.82 min Scan# 635

Delta R.T. 0.01 min

Lab File: VN057641.D

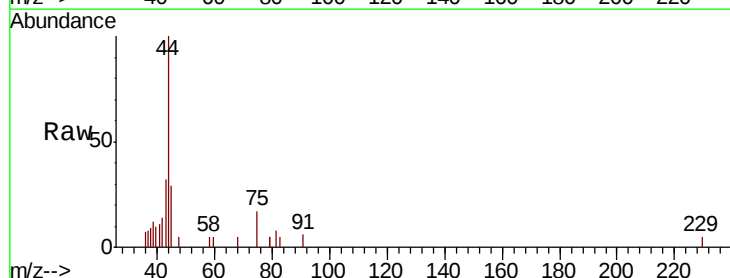
Acq: 1 Sep 2019 13:56

Tgt Ion: 43 Resp: 583

Ion Ratio Lower Upper

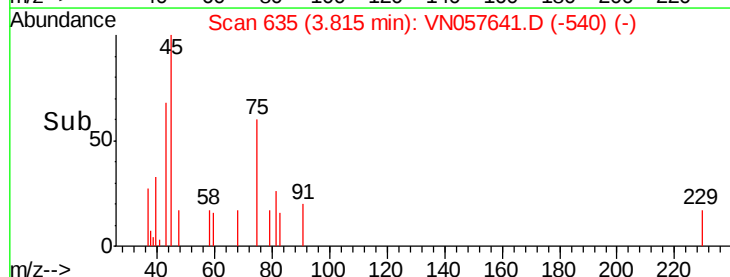
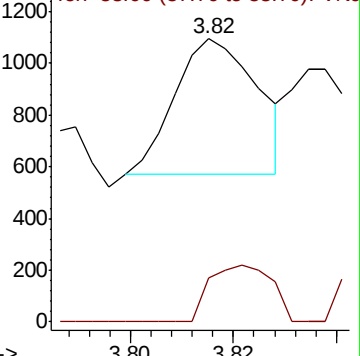
43 100

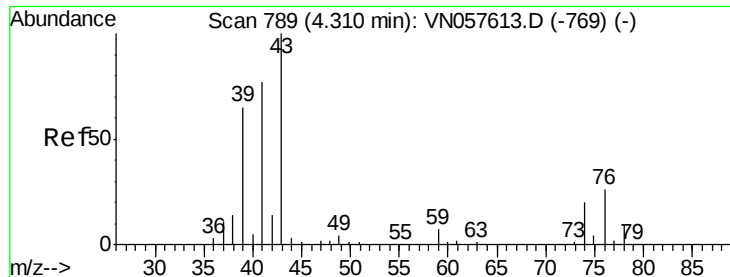
58 32.3 20.0 30.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

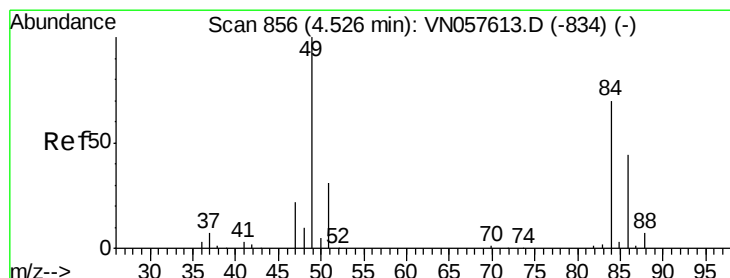
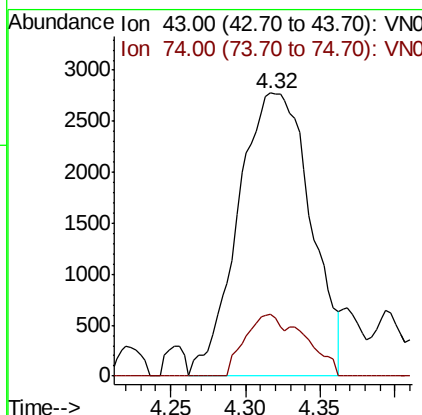
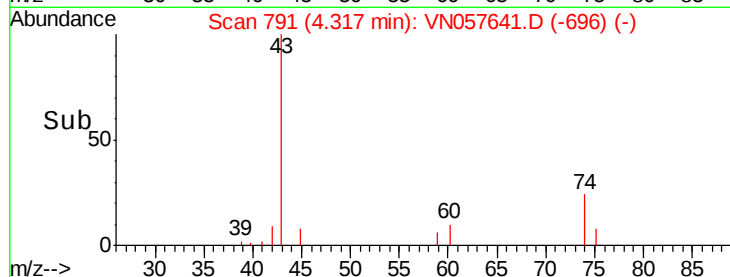
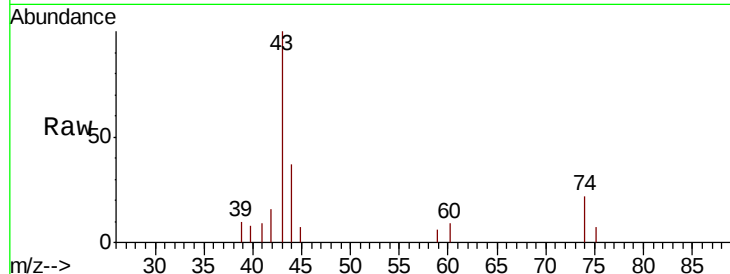




#18
Methyl Acetate
Concen: 2.444 ug/l
RT: 4.32 min Scan# 791
Delta R.T. 0.01 min
Lab File: VN057641.D
Acq: 1 Sep 2019 13:56

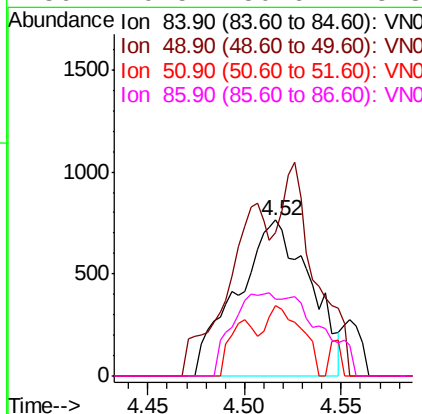
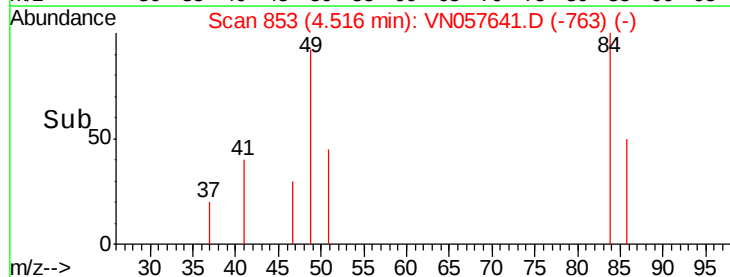
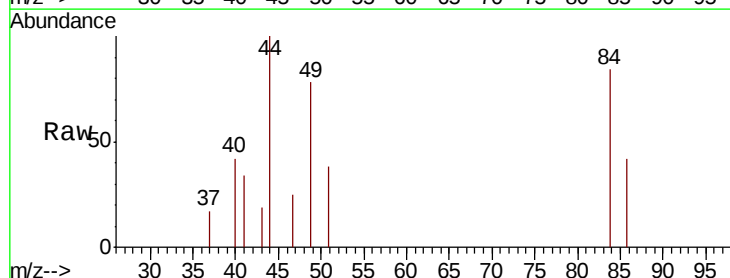
Instrument :
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ClientSampled :
RBR-200052

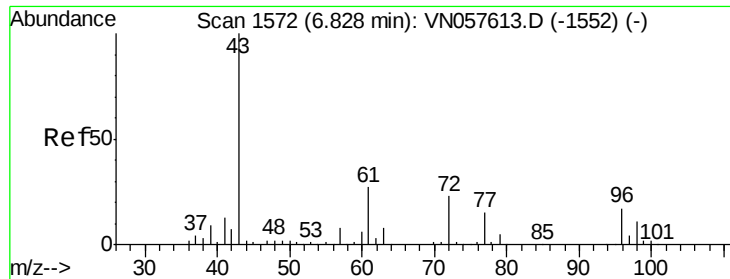
Tgt Ion: 43 Resp: 9334
Ion Ratio Lower Upper
43 100
74 11.2 15.7 23.5#



#20
Methylene Chloride
Concen: 0.730 ug/l
RT: 4.52 min Scan# 853
Delta R.T. -0.01 min
Lab File: VN057641.D
Acq: 1 Sep 2019 13:56

Tgt Ion: 84 Resp: 2010
Ion Ratio Lower Upper
84 100
49 68.5 113.8 170.6#
51 45.5 35.0 52.6
86 49.5 50.6 75.8#

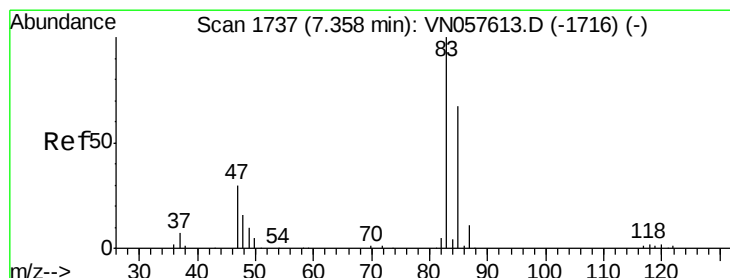
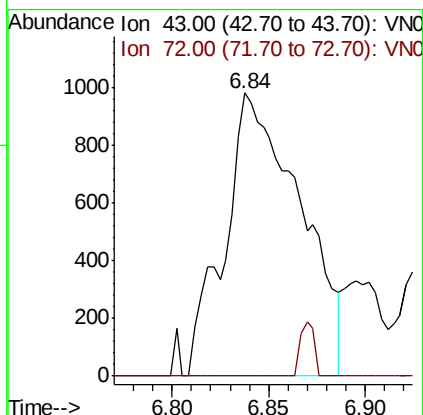
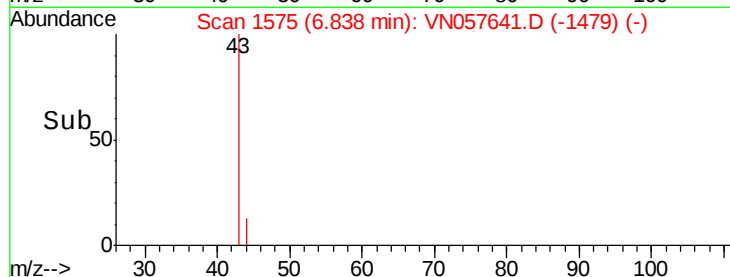
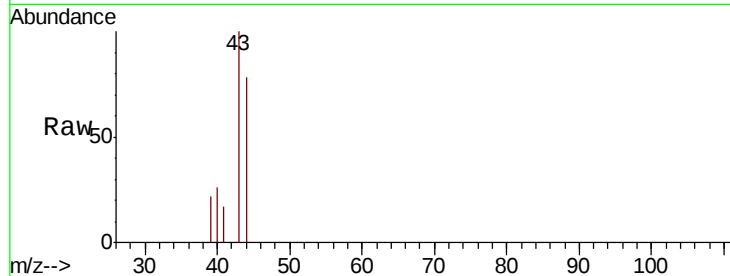




#25
2-Butanone
Concen: 1.433 ug/l
RT: 6.84 min Scan# 1575
Delta R.T. 0.01 min
Lab File: VN057641.D
Acq: 1 Sep 2019 13:56

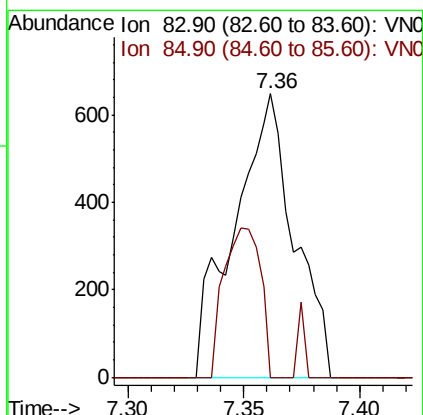
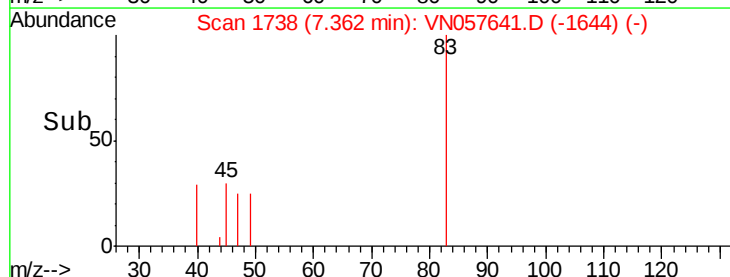
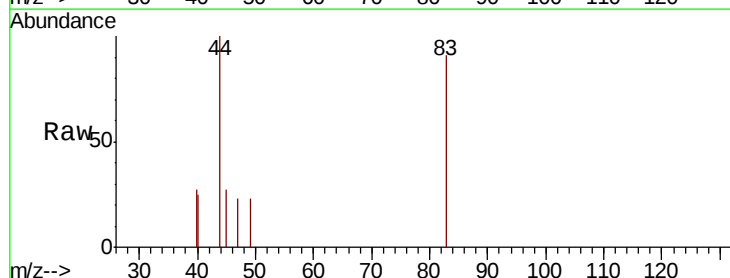
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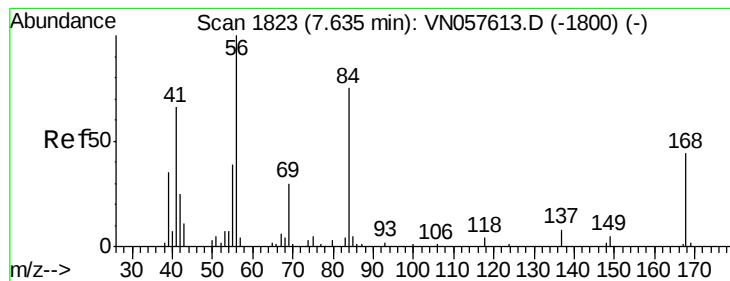
Tgt Ion: 43 Resp: 2655
Ion Ratio Lower Upper
43 100
72 0.0 18.2 27.4#



#30
Chloroform
Concen: 0.218 ug/l
RT: 7.36 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN057641.D
Acq: 1 Sep 2019 13:56

Tgt Ion: 83 Resp: 1164
Ion Ratio Lower Upper
83 100
85 0.0 53.2 79.8#

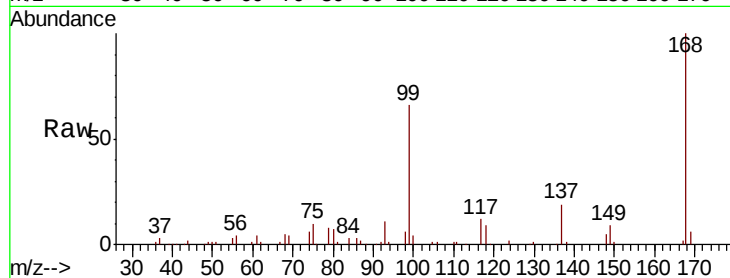




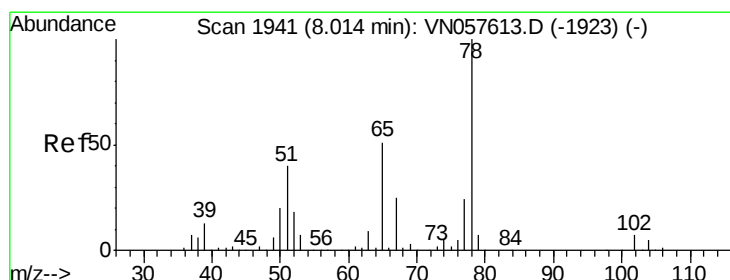
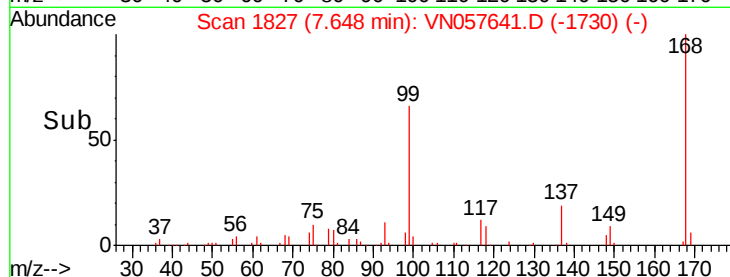
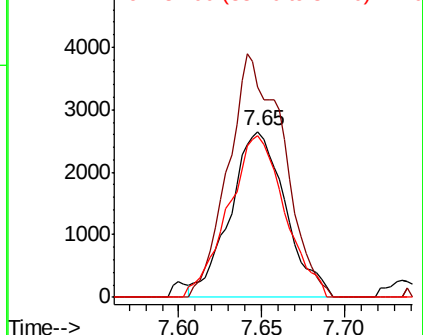
#31
Cyclohexane
Concen: 1.168 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. 0.01 min
Lab File: VN057641.D
Acq: 1 Sep 2019 13:56

Instrument :
MSVOA_N
ClientSampleId :
RBR-200052

Tgt Ion: 56 Resp: 6141
Ion Ratio Lower Upper
56 100
69 126.9 24.4 36.6#
84 97.3 59.9 89.9#

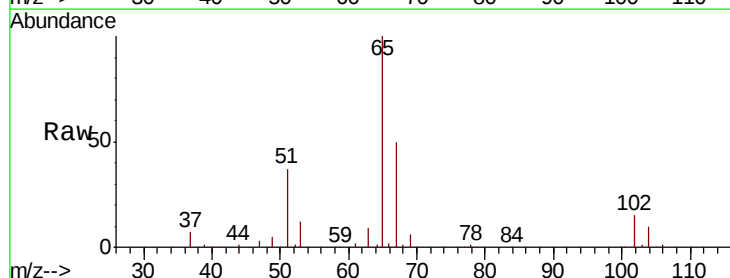


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

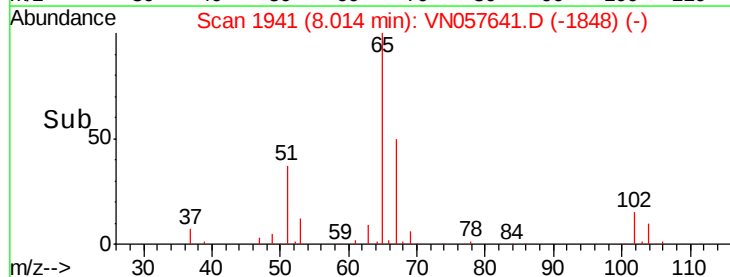
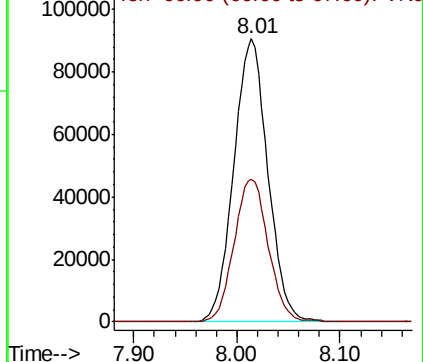


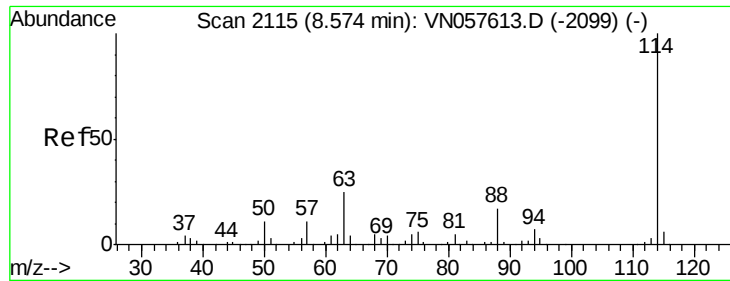
#33
1,2-Dichloroethane-d4
Concen: 52.432 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. 0.00 min
Lab File: VN057641.D
Acq: 1 Sep 2019 13:56

Tgt Ion: 65 Resp: 208059
Ion Ratio Lower Upper
65 100
67 50.6 0.0 102.2



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

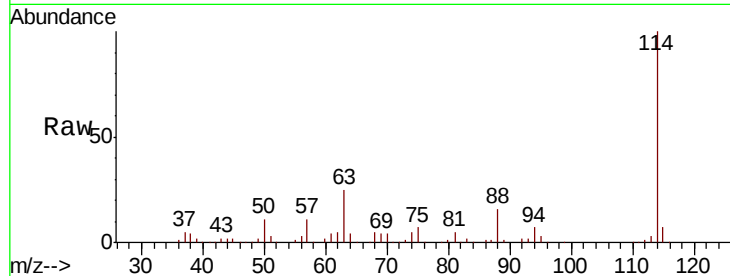




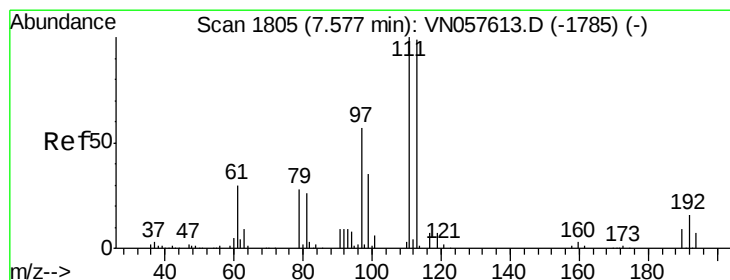
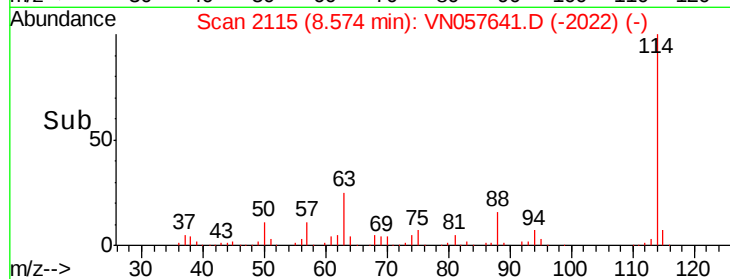
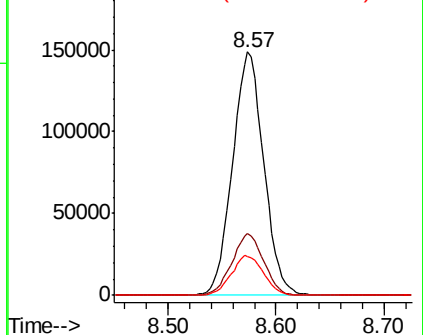
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN057641.D
 Acq: 1 Sep 2019 13:56

Instrument :
 MSVOA_N
 ClientSampleId :
 RBR-200052

Tgt Ion:114 Resp: 300619
 Ion Ratio Lower Upper
 114 100
 63 25.2 0.0 49.0
 88 16.2 0.0 33.0

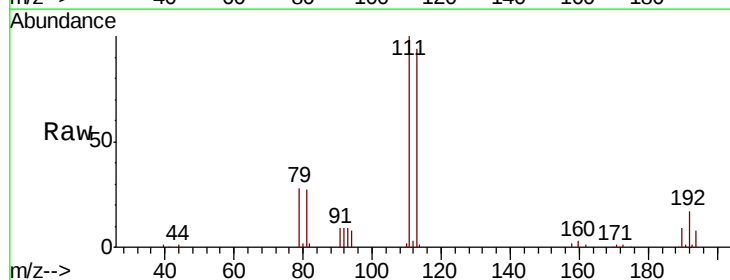


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

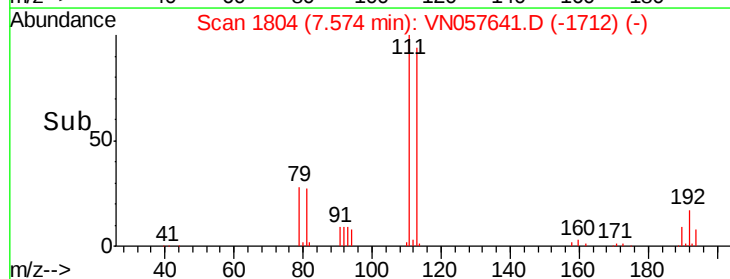
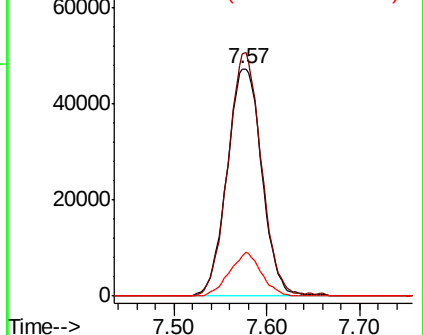


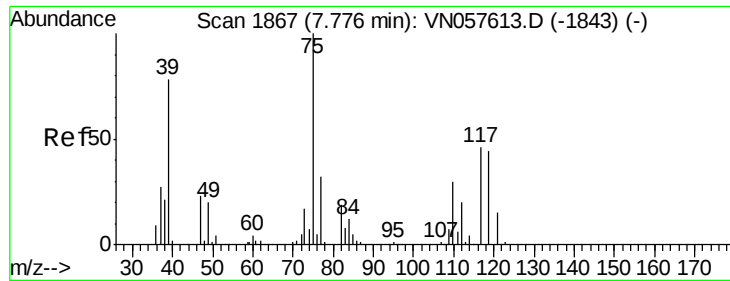
#35
 Dibromofluoromethane
 Concen: 47.004 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VN057641.D
 Acq: 1 Sep 2019 13:56

Tgt Ion:113 Resp: 123398
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.3 121.9
 192 17.4 13.5 20.3



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

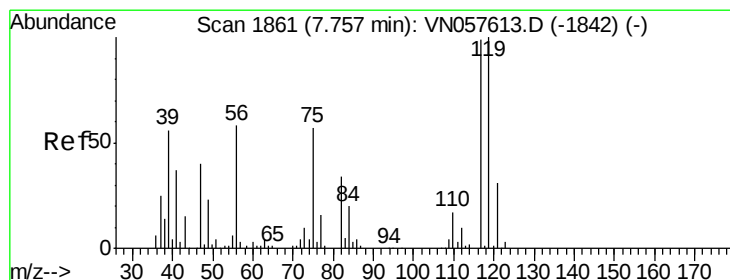
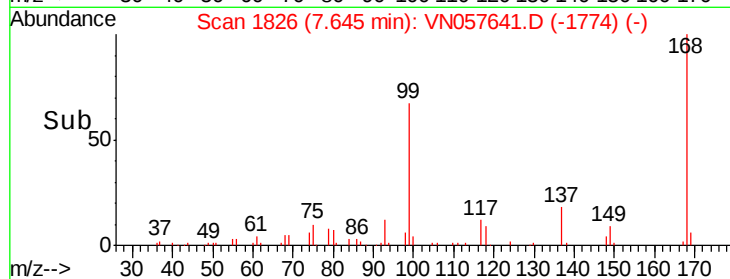
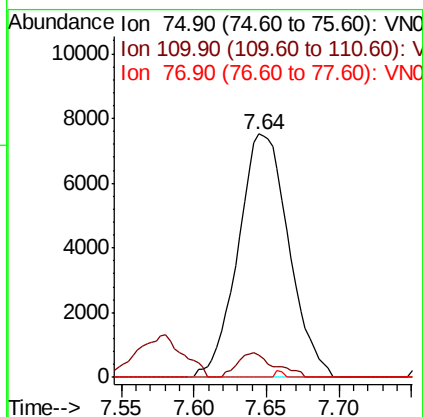
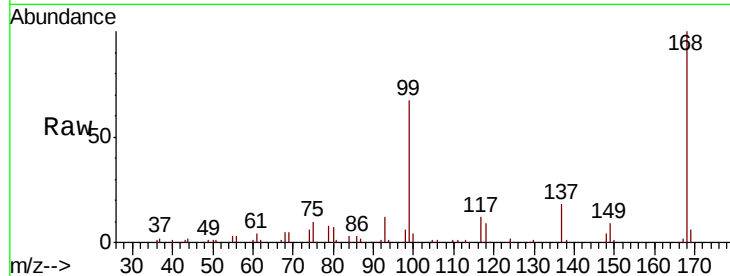




#36
 1,1-Dichloropropene
 Concen: 4.582 ug/l
 RT: 7.64 min Scan# 1826
 Delta R.T. -0.13 min
 Lab File: VN057641.D
 Acq: 1 Sep 2019 13:56

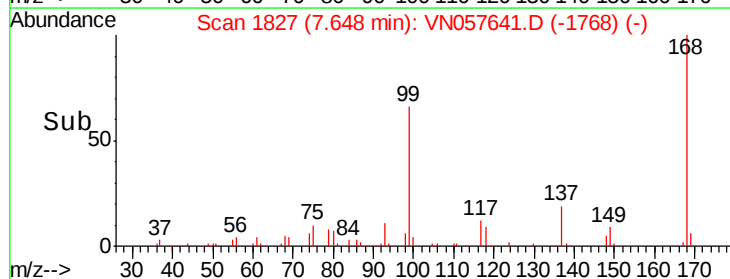
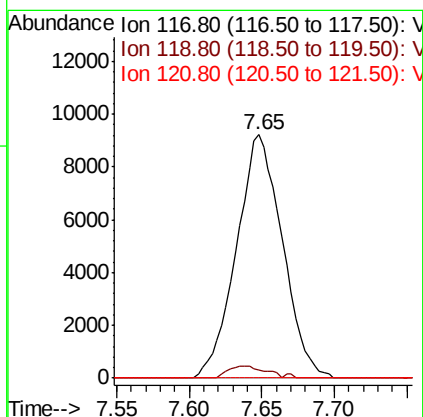
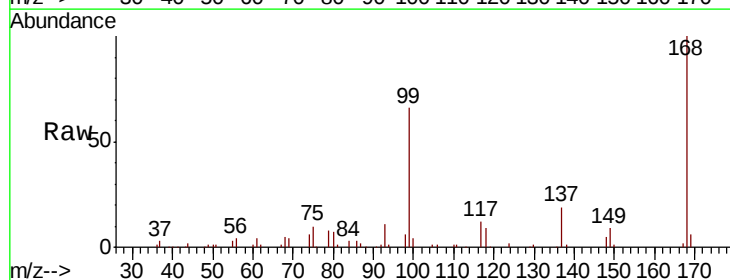
Instrument :
 MSVOA_N
 ClientSampleId :
 RBR-200052

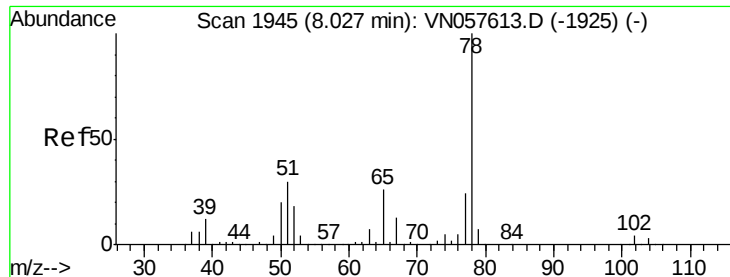
Tgt Ion: 75 Resp: 18263
 Ion Ratio Lower Upper
 75 100
 110 7.4 15.6 46.8#
 77 0.4 24.9 37.3#



#38
 Carbon Tetrachloride
 Concen: 5.699 ug/l
 RT: 7.65 min Scan# 1827
 Delta R.T. -0.11 min
 Lab File: VN057641.D
 Acq: 1 Sep 2019 13:56

Tgt Ion: 117 Resp: 20333
 Ion Ratio Lower Upper
 117 100
 119 3.3 80.6 120.8#
 121 0.0 25.1 37.7#





#40

Benzene

Concen: 0.209 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN057641.D

Acq: 1 Sep 2019 13:56

Instrument :

MSVOA_N

ClientSampled :

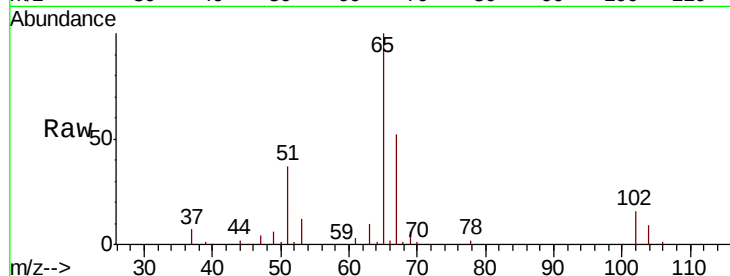
RBR-200052

Tgt Ion: 78 Resp: 2425

Ion Ratio Lower Upper

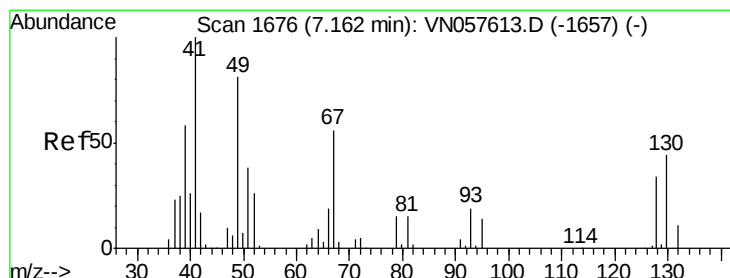
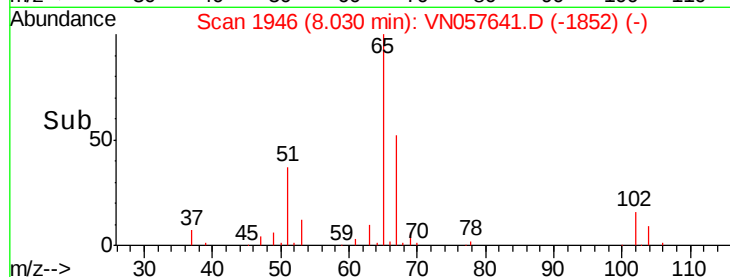
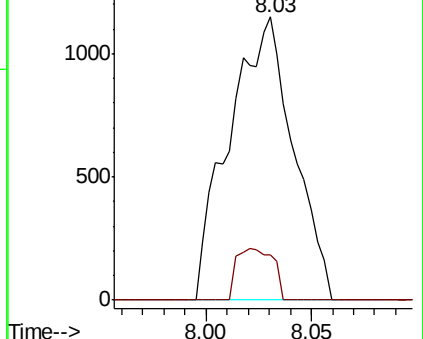
78 100

77 15.9 19.1 28.7#



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0



#41

Methacrylonitrile

Concen: 2.348 ug/l

RT: 7.18 min Scan# 1680

Delta R.T. 0.01 min

Lab File: VN057641.D

Acq: 1 Sep 2019 13:56

Tgt Ion: 41 Resp: 144

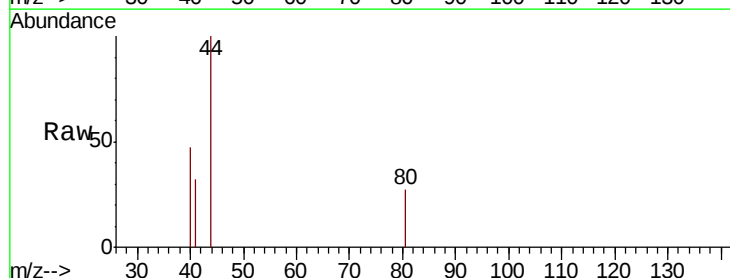
Ion Ratio Lower Upper

41 100

39 0.0 50.6 75.8#

67 0.0 56.9 85.3#

52 0.0 27.4 41.2#

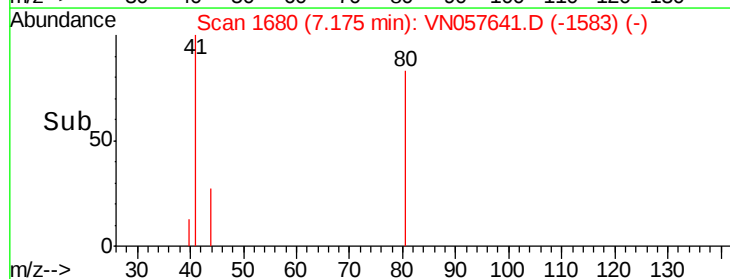
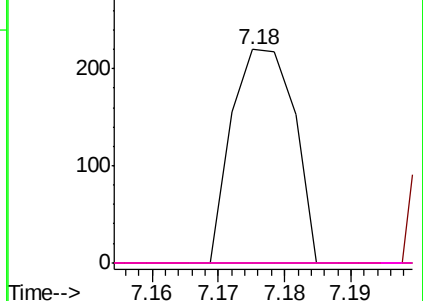


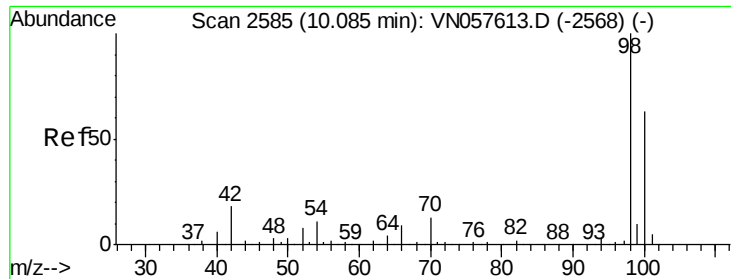
Abundance Ion 41.00 (40.70 to 41.70): VN0

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





#50

Toluene-d8

Concen: 47.724 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN057641.D

Acq: 1 Sep 2019 13:56

Instrument :

MSVOA_N

ClientSampleId :

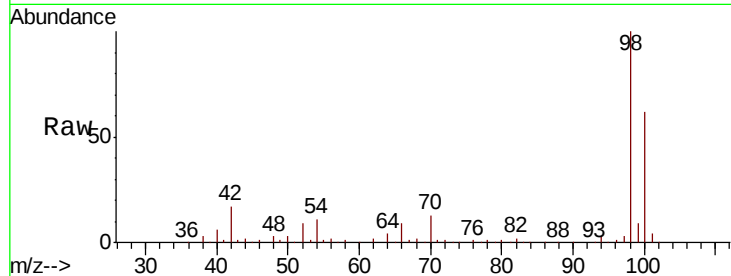
RBR-200052

Tgt Ion: 98 Resp: 481013

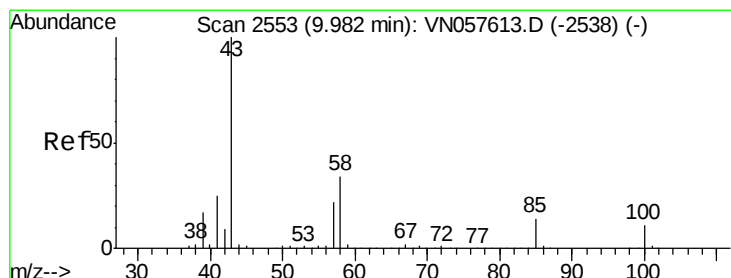
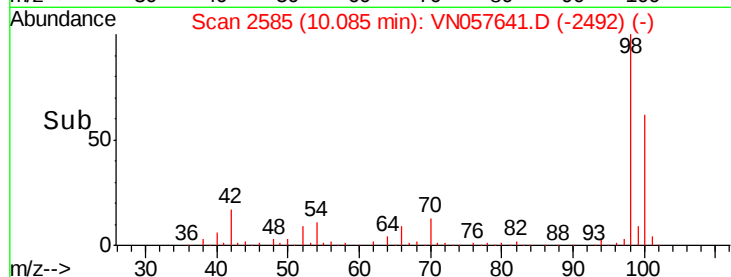
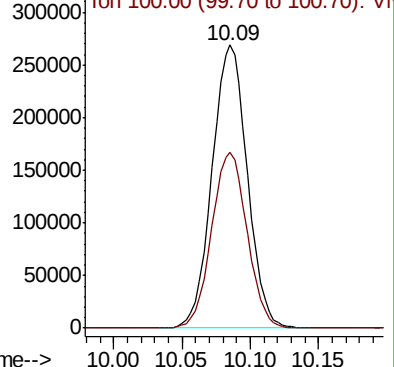
Ion Ratio Lower Upper

98 100

100 62.7 49.8 74.8



Abundance Ion 98.00 (97.70 to 98.70): VN057641.D (-2492) (-)



#51

4-Methyl-2-Pentanone

Concen: 0.308 ug/l

RT: 9.99 min Scan# 2555

Delta R.T. 0.01 min

Lab File: VN057641.D

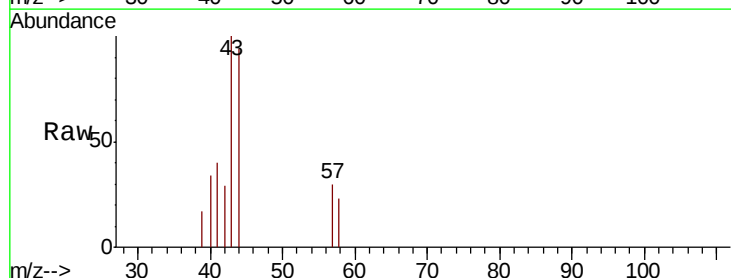
Acq: 1 Sep 2019 13:56

Tgt Ion: 43 Resp: 1205

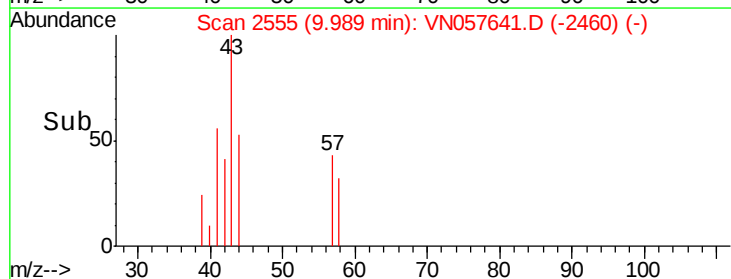
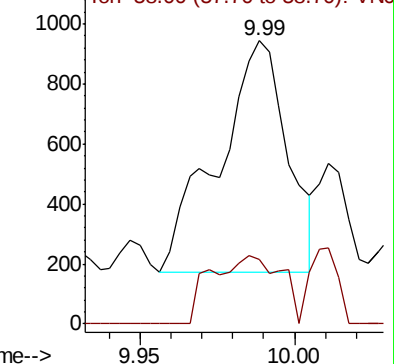
Ion Ratio Lower Upper

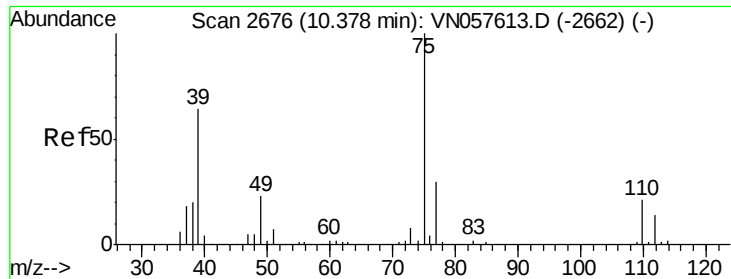
43 100

58 18.7 26.9 40.3#



Abundance Ion 43.00 (42.70 to 43.70): VN057641.D (-2460) (-)





#53

t-1,3-Dichloropropene

Concen: 3.245 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN057641.D

Acq: 1 Sep 2019 13:56

Instrument :

MSVOA_N

ClientSampled :

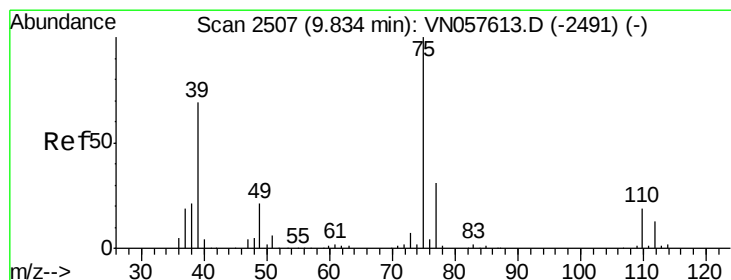
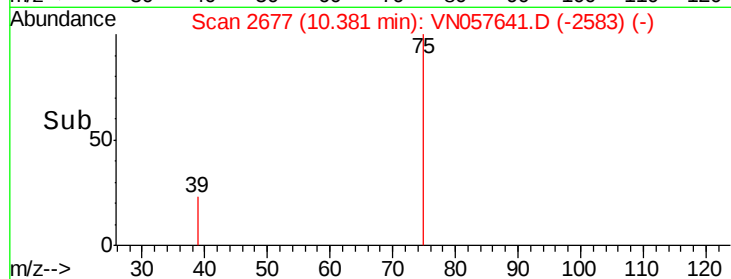
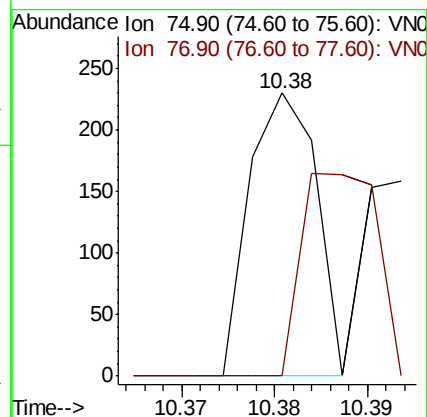
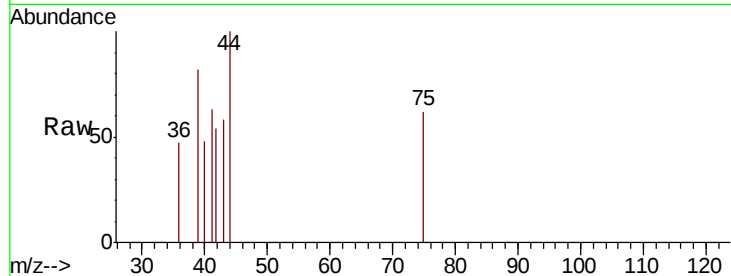
RBR-200052

Tgt Ion: 75 Resp: 116

Ion Ratio Lower Upper

75 100

77 0.0 24.1 36.1#



#54

cis-1,3-Dichloropropene

Concen: 1.838 ug/l

RT: 9.83 min Scan# 2506

Delta R.T. -0.00 min

Lab File: VN057641.D

Acq: 1 Sep 2019 13:56

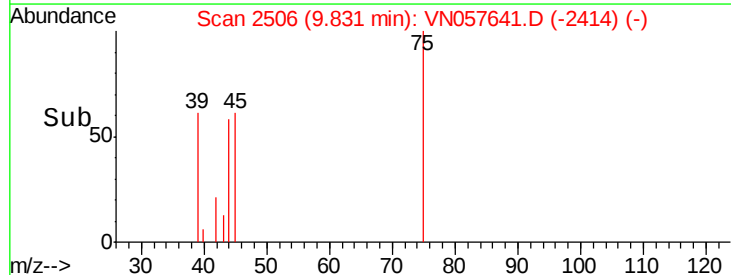
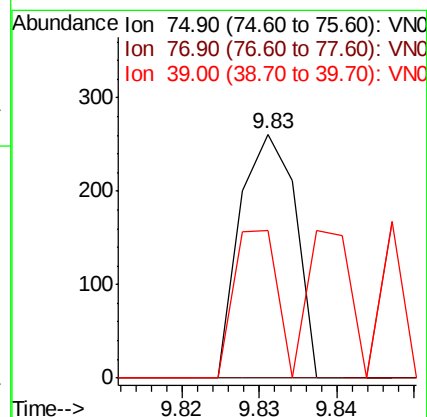
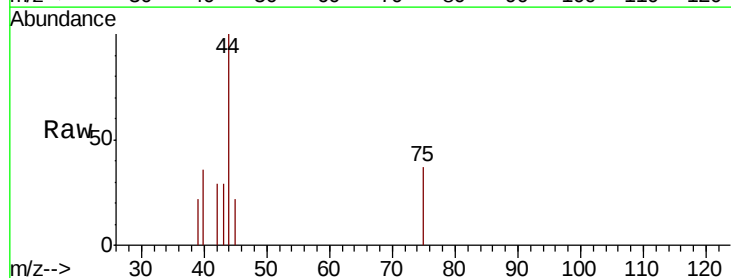
Tgt Ion: 75 Resp: 130

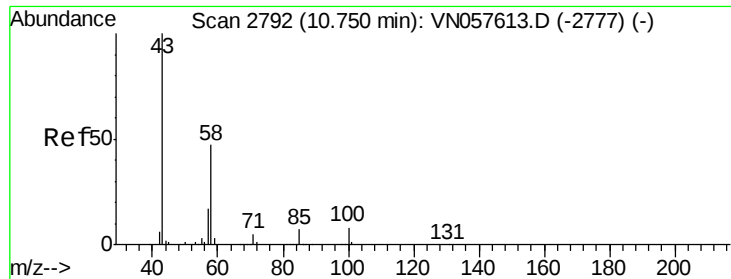
Ion Ratio Lower Upper

75 100

77 0.0 24.8 37.2#

39 60.5 55.0 82.4

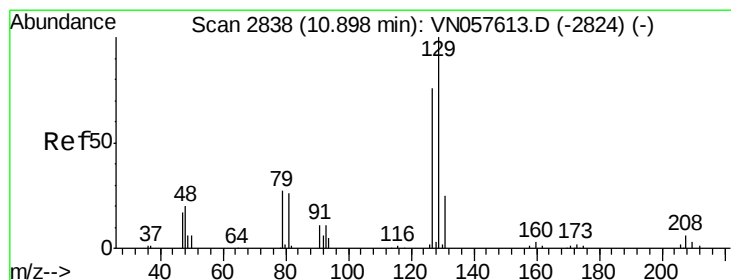
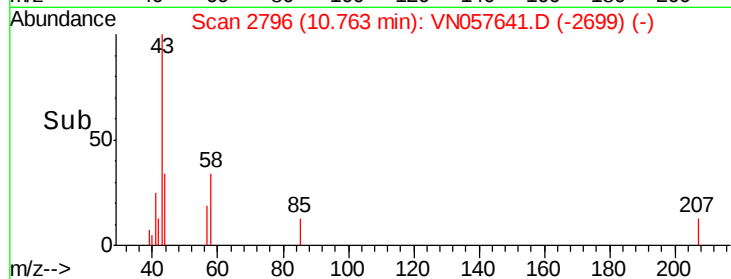
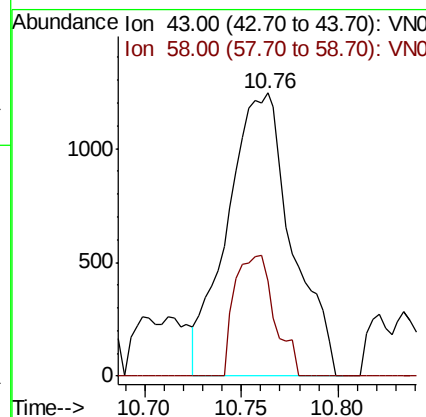
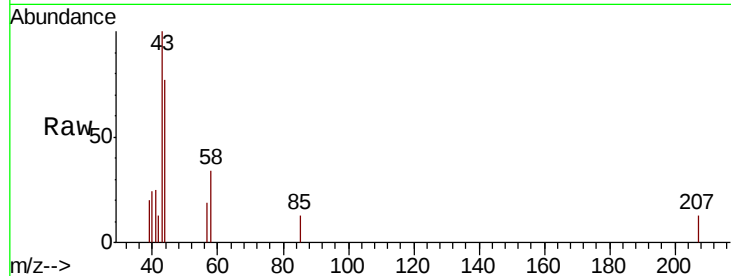




#59
2-Hexanone
Concen: 1.001 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN057641.D
Acq: 1 Sep 2019 13:56

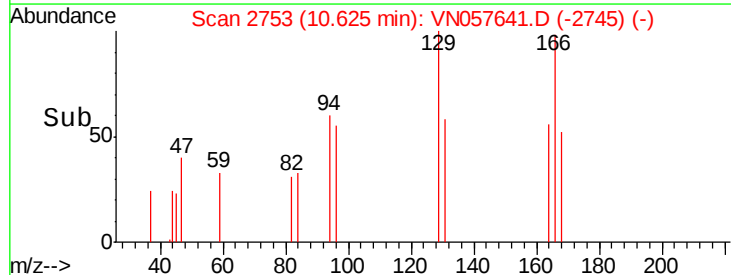
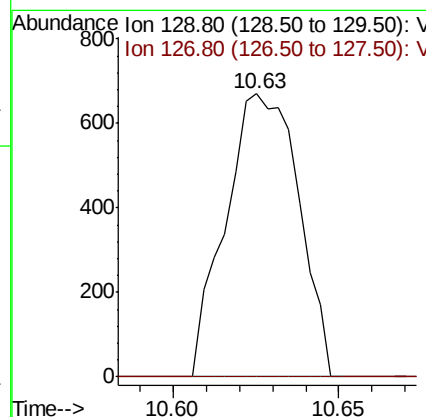
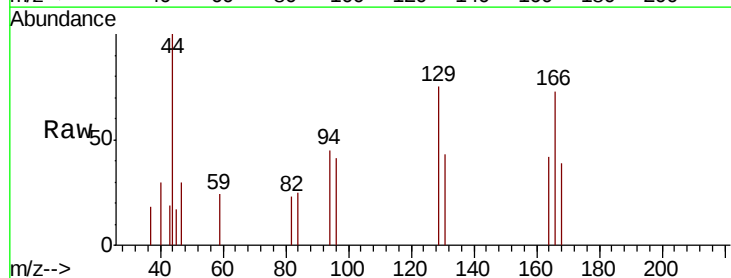
Instrument :
MSVOA_N
ClientSampled :
RBR-200052

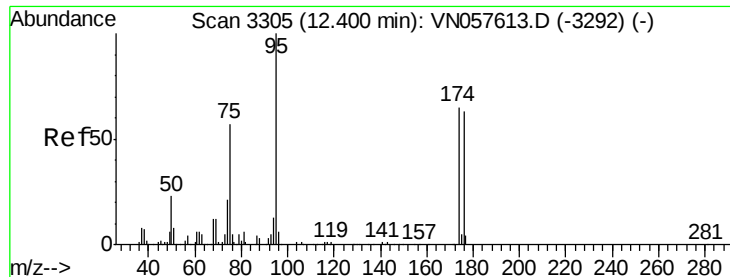
Tgt Ion: 43 Resp: 2879
Ion Ratio Lower Upper
43 100
58 26.2 23.5 70.5



#60
Dibromochloromethane
Concen: 3.880 ug/l
RT: 10.63 min Scan# 2753
Delta R.T. -0.27 min
Lab File: VN057641.D
Acq: 1 Sep 2019 13:56

Tgt Ion: 129 Resp: 1027
Ion Ratio Lower Upper
129 100
127 0.0 38.3 114.8#





#62

4-Bromofluorobenzene

Concen: 40.449 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057641.D

Acq: 1 Sep 2019 13:56

Instrument :

MSVOA_N

ClientSampleId :

RBR-200052

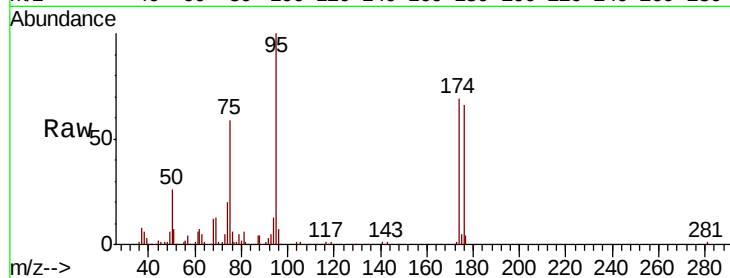
Tgt Ion: 95 Resp: 155026

Ion Ratio Lower Upper

95 100

174 69.1 0.0 134.8

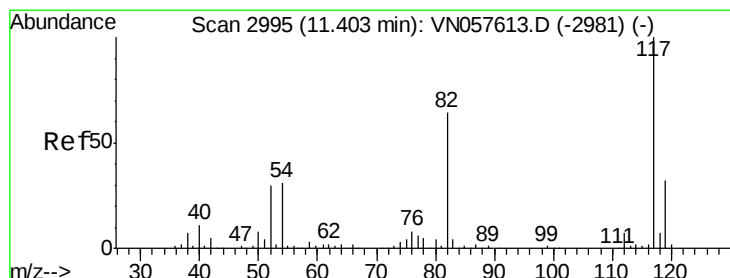
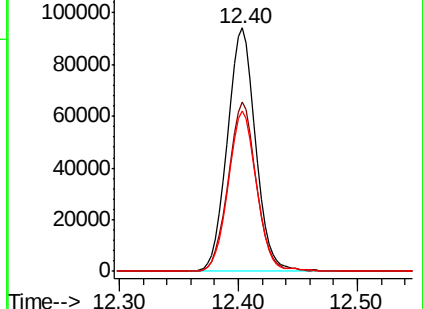
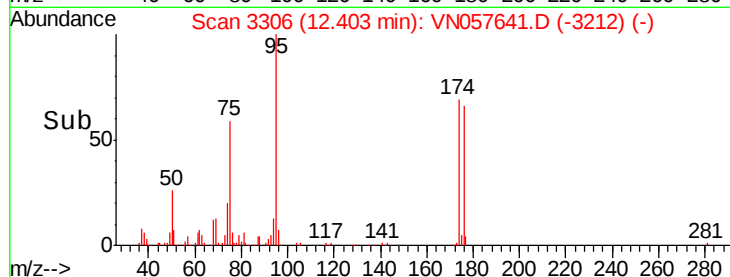
176 66.2 0.0 131.6



Abundance Ion 94.90 (94.60 to 95.60): VN057613.D (-3292) (-)

Ion 173.80 (173.50 to 174.50): VN057613.D (-3292) (-)

Ion 175.80 (175.50 to 176.50): VN057613.D (-3292) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN057641.D

Acq: 1 Sep 2019 13:56

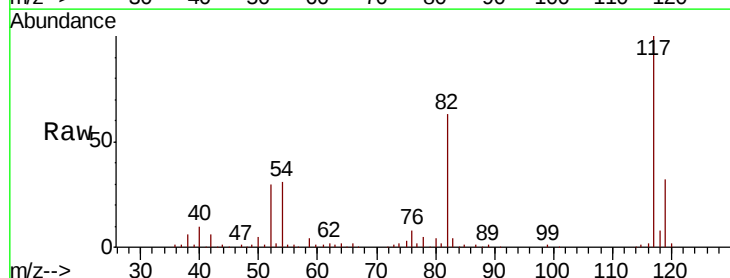
Tgt Ion: 117 Resp: 252705

Ion Ratio Lower Upper

117 100

82 63.4 51.6 77.4

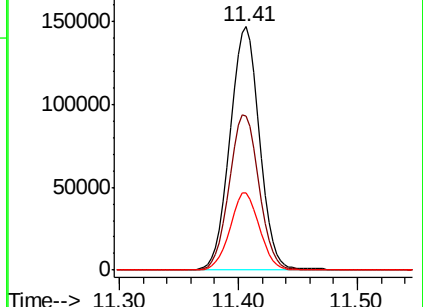
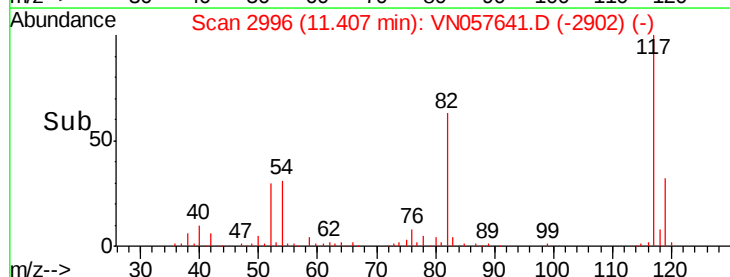
119 31.5 25.8 38.6

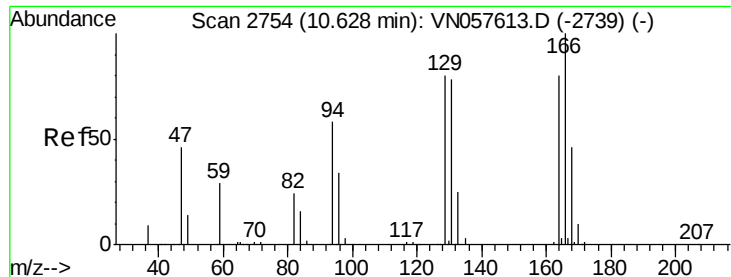


Abundance Ion 116.90 (116.60 to 117.60): VN057613.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN057613.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN057613.D (-2981) (-)

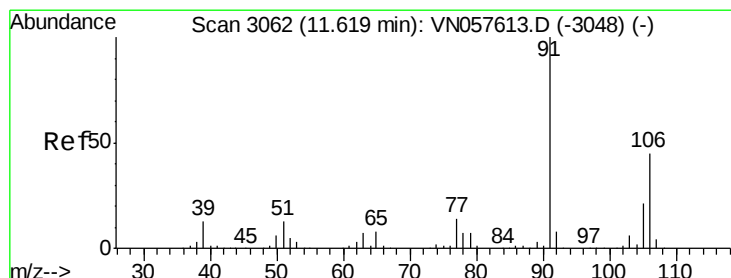
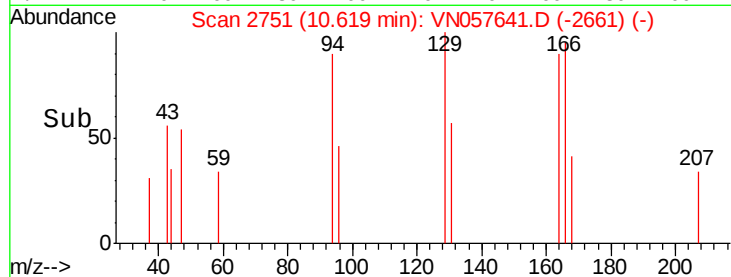
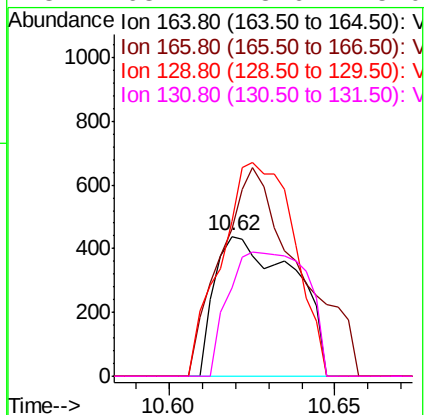
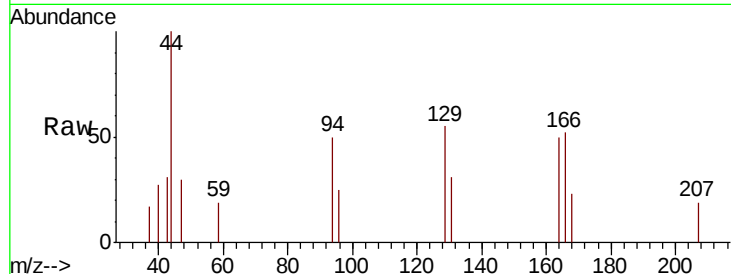




#64
Tetrachloroethene
Concen: 0.331 ug/l
RT: 10.62 min Scan# 2751
Delta R.T. -0.01 min
Lab File: VN057641.D
Acq: 1 Sep 2019 13:56

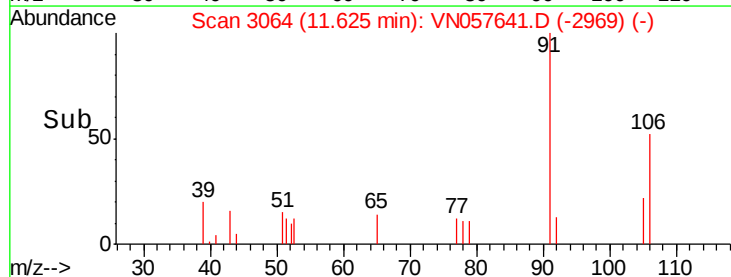
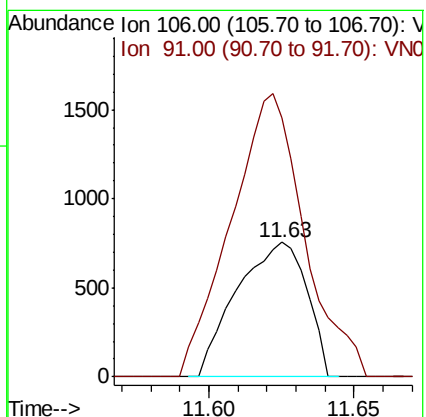
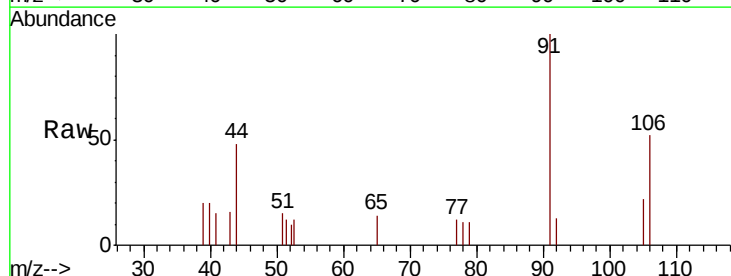
Instrument :
MSVOA_N
ClientSampled :
RBR-200052

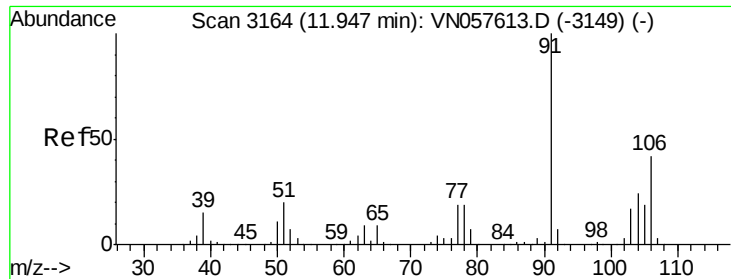
Tgt Ion:164 Resp: 724
Ion Ratio Lower Upper
164 100
166 105.2 100.6 151.0
129 110.9 80.4 120.6
131 63.1 78.6 118.0#



#68
m/p-Xylenes
Concen: 0.293 ug/l
RT: 11.63 min Scan# 3064
Delta R.T. 0.01 min
Lab File: VN057641.D
Acq: 1 Sep 2019 13:56

Tgt Ion:106 Resp: 1272
Ion Ratio Lower Upper
106 100
91 220.0 176.2 264.2

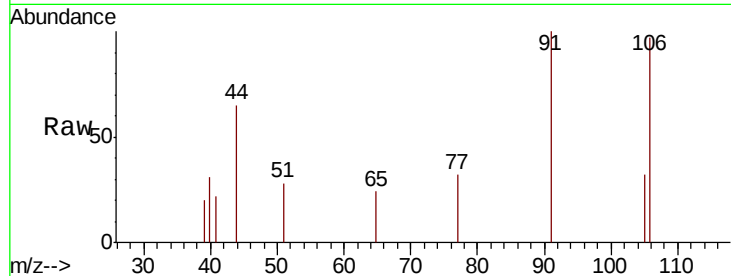




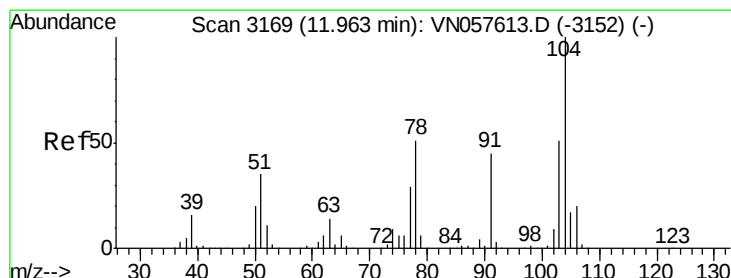
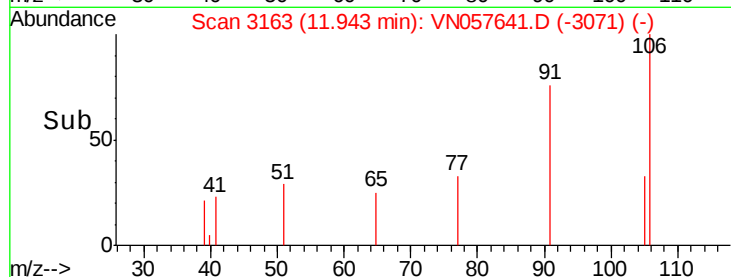
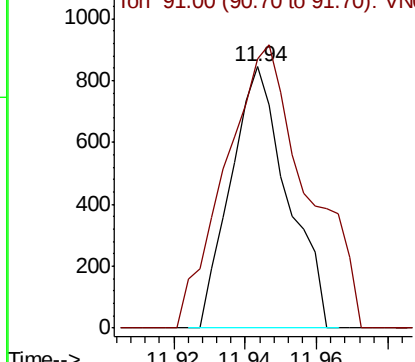
#69
o-Xylene
Concen: 0.221 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. -0.00 min
Lab File: VN057641.D
Acq: 1 Sep 2019 13:56

Instrument :
MSVOA_N
ClientSampled :
RBR-200052

Tgt Ion:106 Resp: 927
Ion Ratio Lower Upper
106 100
91 156.1 117.3 351.8

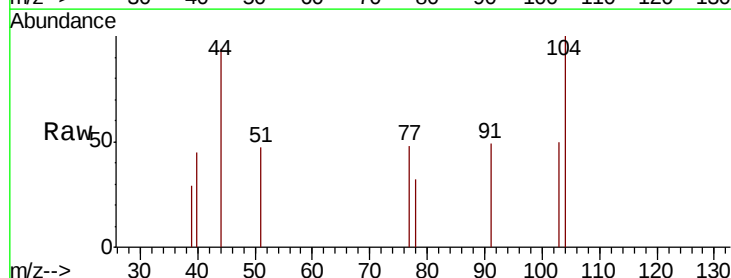


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

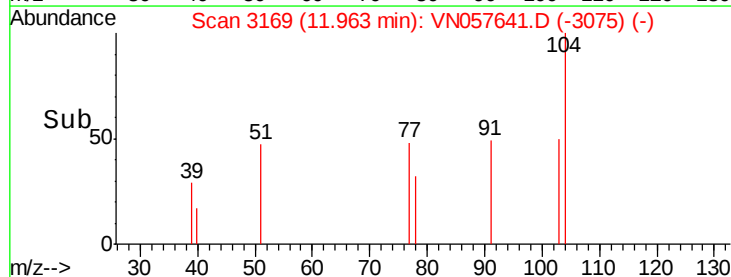
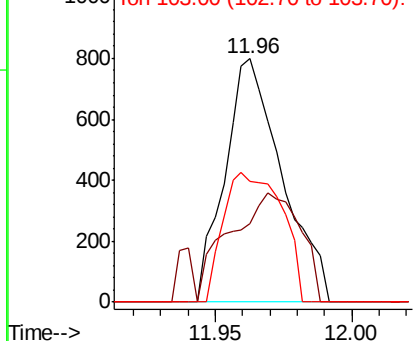


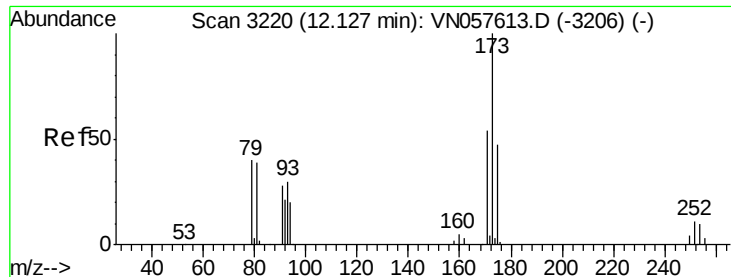
#70
Styrene
Concen: 2.729 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN057641.D
Acq: 1 Sep 2019 13:56

Tgt Ion:104 Resp: 1166
Ion Ratio Lower Upper
104 100
78 55.3 46.6 70.0
103 54.5 44.7 67.1



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: 6.380 ug/l

RT: 12.39 min Scan# 3302

Delta R.T. 0.26 min

Lab File: VN057641.D

Acq: 1 Sep 2019 13:56

Instrument :

MSVOA_N

ClientSampleId :

RBR-200052

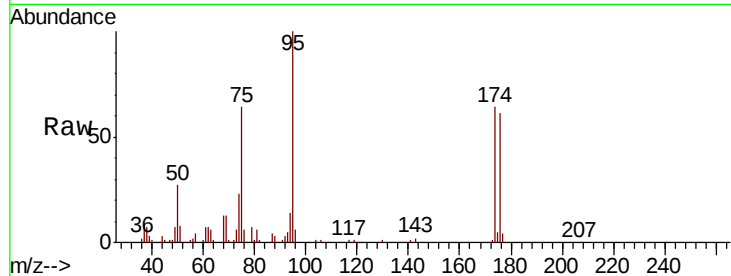
Tgt Ion:173 Resp: 301

Ion Ratio Lower Upper

173 100

175 0.0 24.4 73.4#

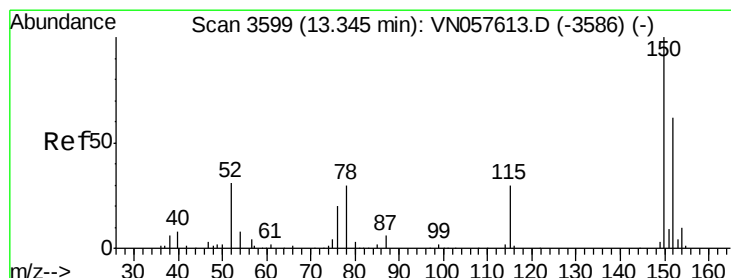
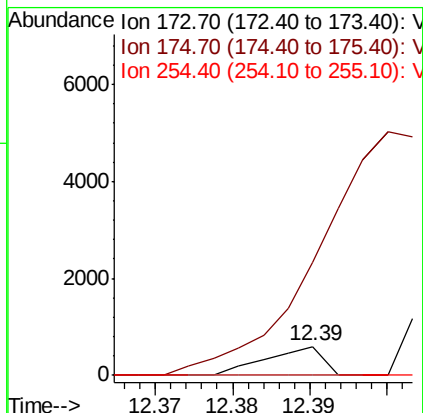
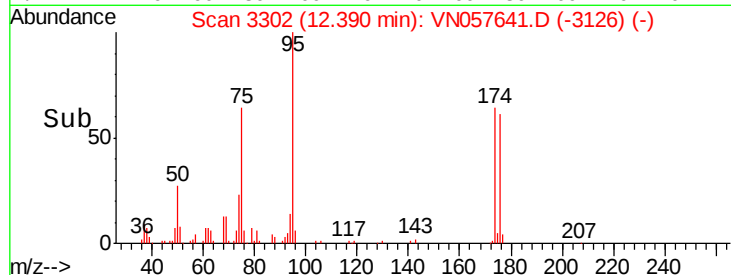
254 0.0 0.0 0.0



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: VN057641.D

Acq: 1 Sep 2019 13:56

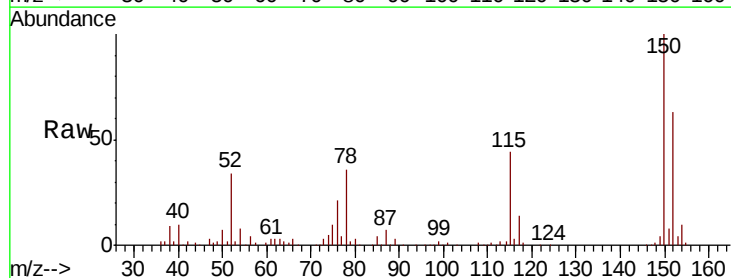
Tgt Ion:152 Resp: 114784

Ion Ratio Lower Upper

152 100

115 66.9 33.2 99.6

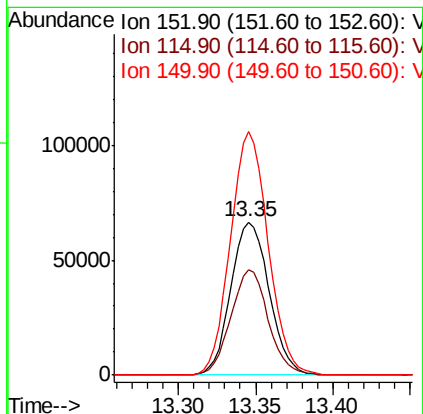
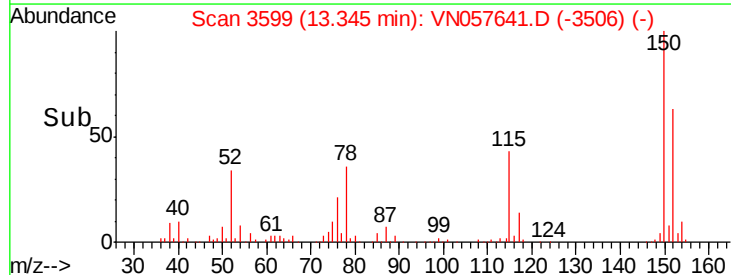
150 156.5 0.0 365.2

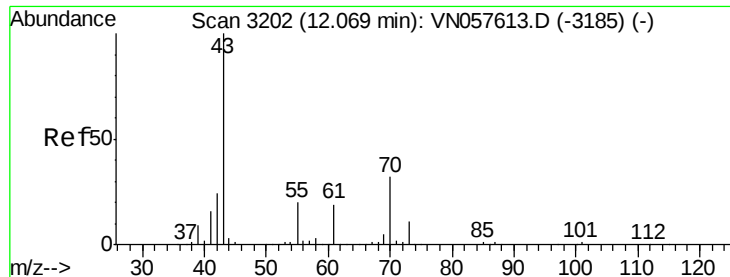


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-ethyl acetate

Concen: 0.219 ug/l

RT: 12.07 min Scan# 3203

Delta R.T. 0.00 min

Lab File: VN057641.D

Acq: 1 Sep 2019 13:56

Instrument :

MSVOA_N

ClientSampleId :

RBR-200052

Tgt Ion: 43 Resp: 1199

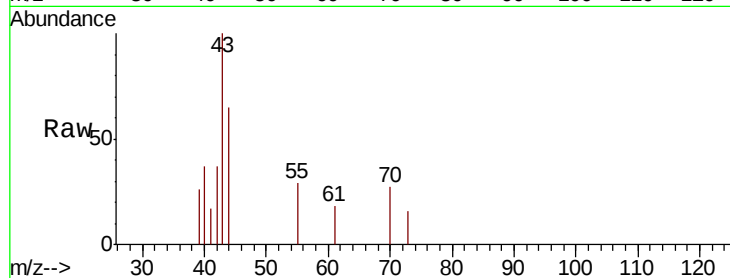
Ion Ratio Lower Upper

43 100

70 45.0 26.9 40.3#

55 51.6 16.8 25.2#

61 16.1 15.1 22.7

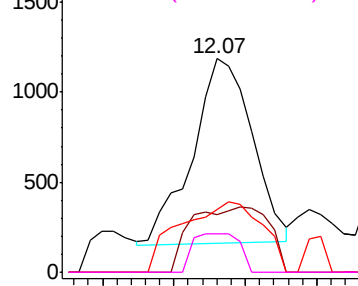


Abundance Ion 43.00 (42.70 to 43.70): VN0

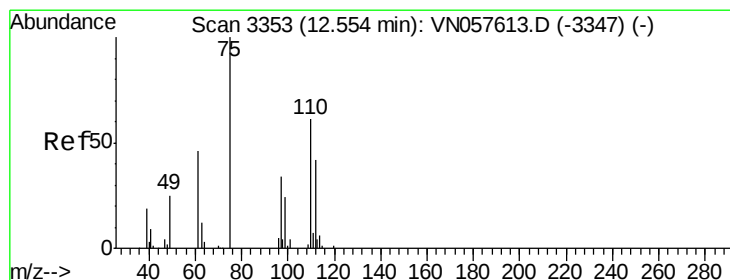
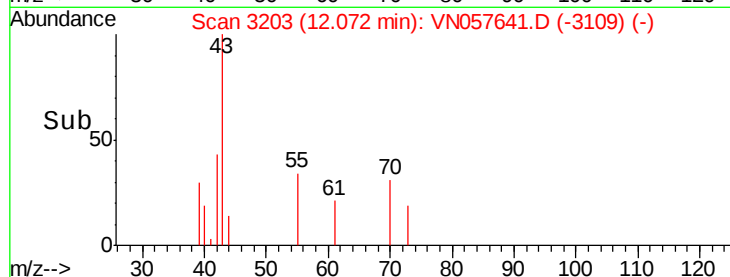
Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



Time-->



#76

1,2,3-Trichloropropane

Concen: 30.644 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN057641.D

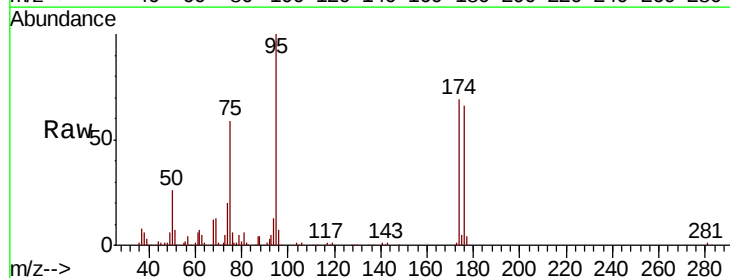
Acq: 1 Sep 2019 13:56

Tgt Ion: 75 Resp: 92523

Ion Ratio Lower Upper

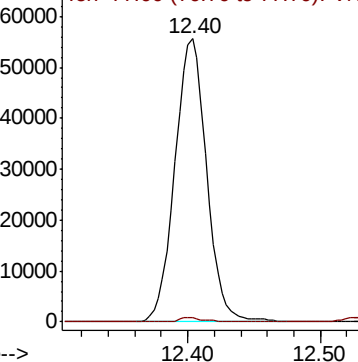
75 100

77 1.1 0.0 0.0#

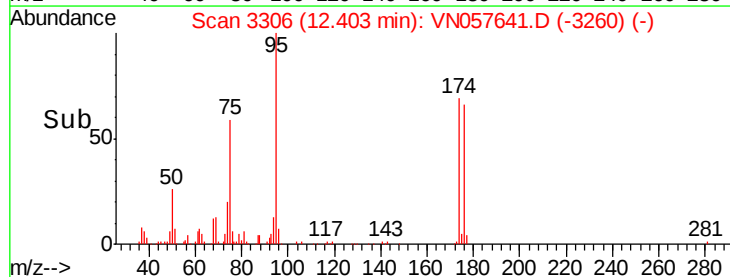


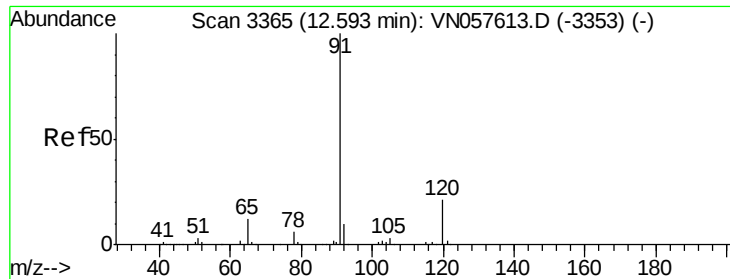
Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



Time-->

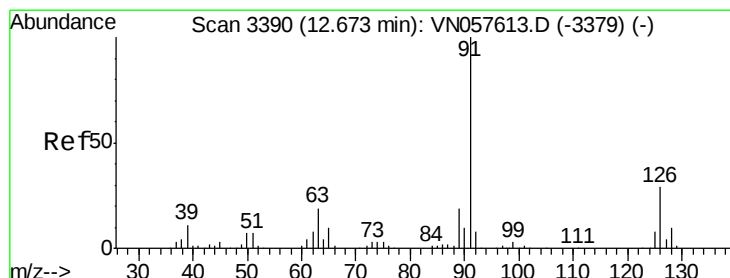
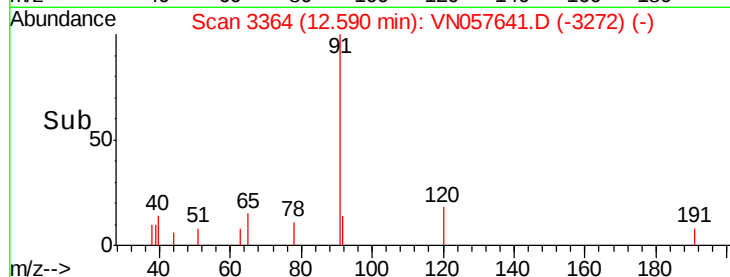
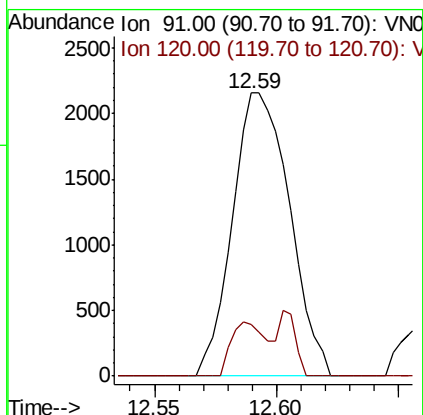
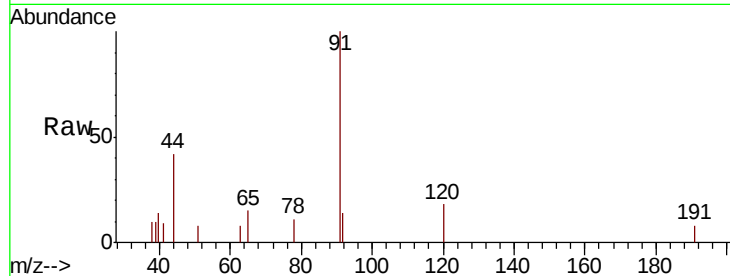




#78
n-propylbenzene
Concen: 0.271 ug/l
RT: 12.59 min Scan# 3364
Delta R.T. -0.00 min
Lab File: VN057641.D
Acq: 1 Sep 2019 13:56

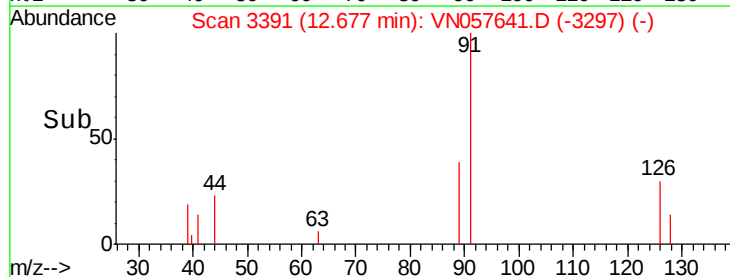
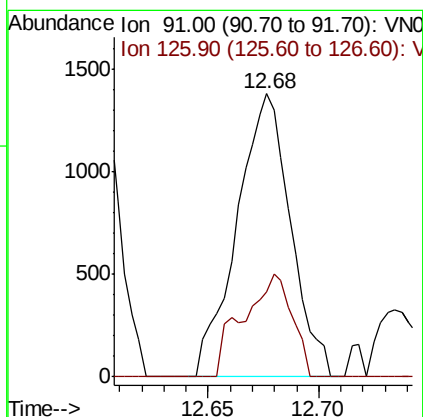
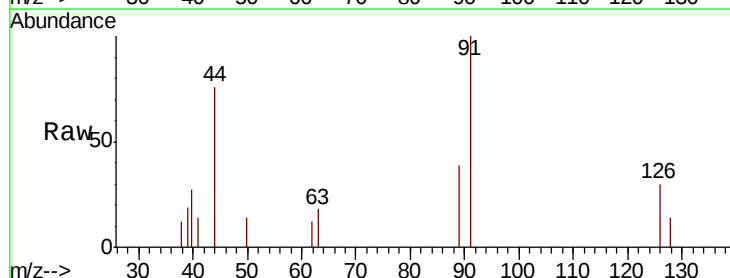
Instrument :
MSVOA_N
ClientSampled :
RBR-200052

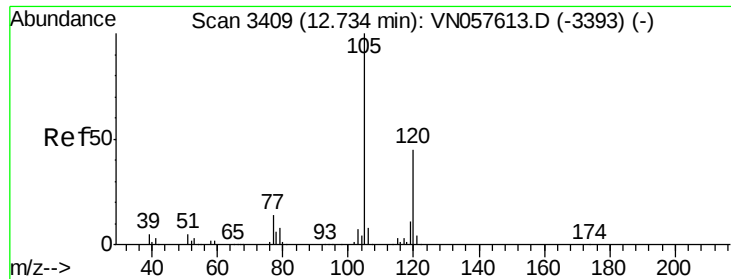
Tgt Ion: 91 Resp: 3501
Ion Ratio Lower Upper
91 100
120 12.4 10.4 31.4



#79
2-Chlorotoluene
Concen: 0.290 ug/l
RT: 12.68 min Scan# 3391
Delta R.T. 0.00 min
Lab File: VN057641.D
Acq: 1 Sep 2019 13:56

Tgt Ion: 91 Resp: 2331
Ion Ratio Lower Upper
91 100
126 32.9 14.9 44.5

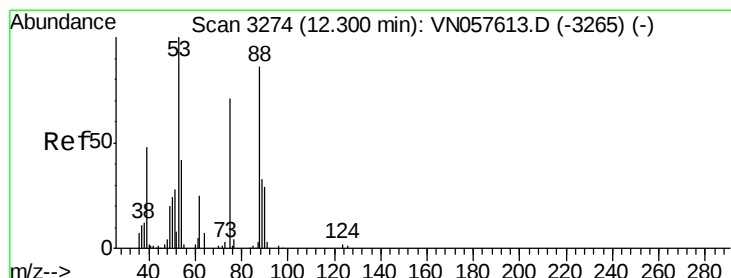
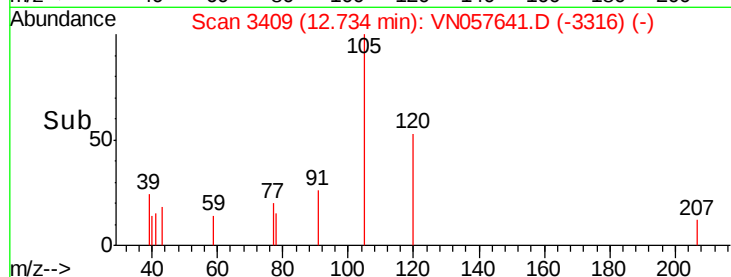
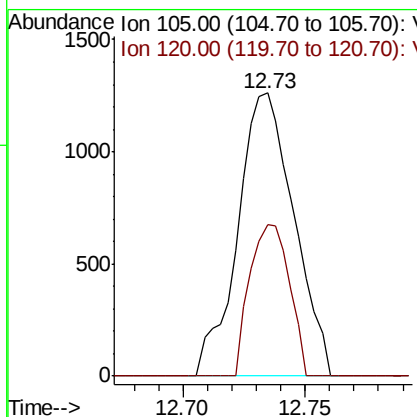
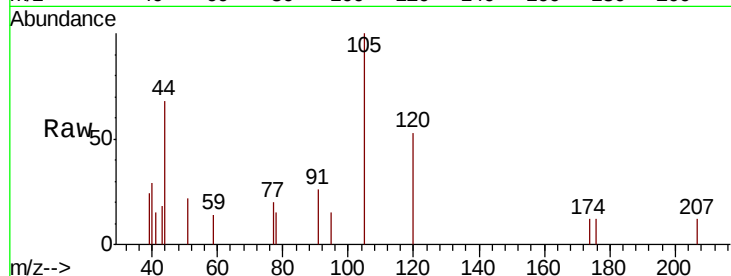




#80
 1,3,5-Trimethylbenzene
 Concen: 0.211 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN057641.D
 Acq: 1 Sep 2019 13:56

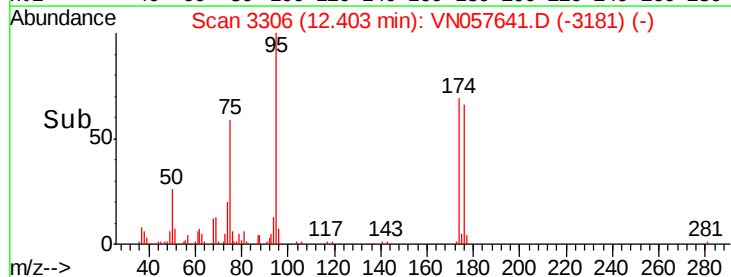
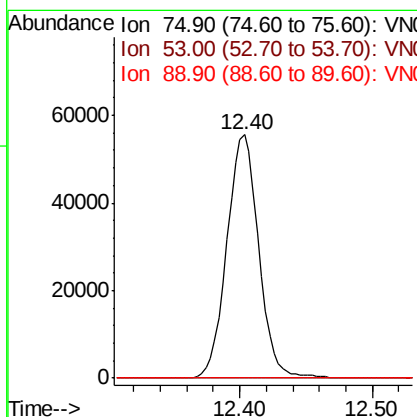
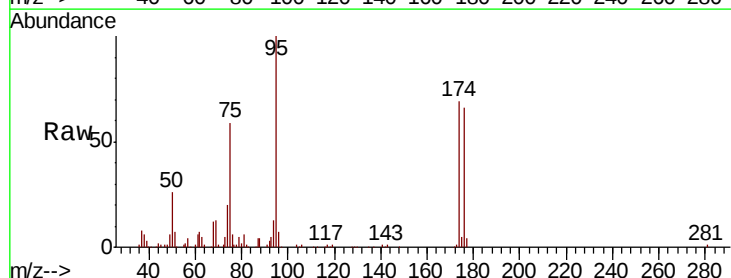
Instrument :
 MSVOA_N
 ClientSampled :
 RBR-200052

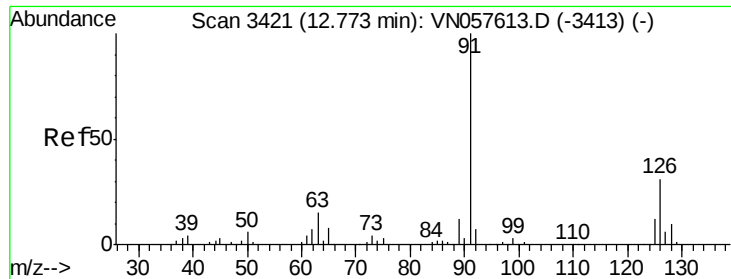
Tgt Ion: 105 Resp: 2011
 Ion Ratio Lower Upper
 105 100
 120 37.5 22.6 67.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 105.040 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.10 min
 Lab File: VN057641.D
 Acq: 1 Sep 2019 13:56

Tgt Ion: 75 Resp: 92523
 Ion Ratio Lower Upper
 75 100
 53 0.1 111.0 166.6#
 89 0.0 38.3 57.5#





#82

4-Chlorotoluene

Concen: 0.421 ug/l

RT: 12.78 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN057641.D

Acq: 1 Sep 2019 13:56

Instrument :

MSVOA_N

ClientSampled :

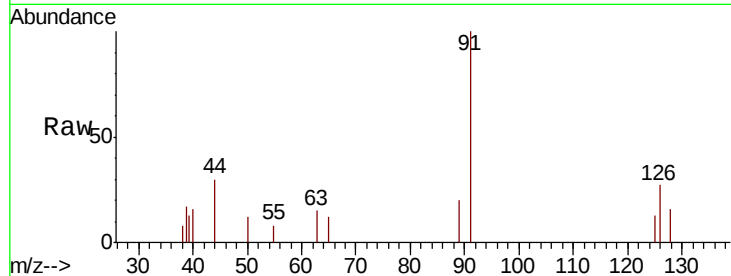
RBR-200052

Tgt Ion: 91 Resp: 3353

Ion Ratio Lower Upper

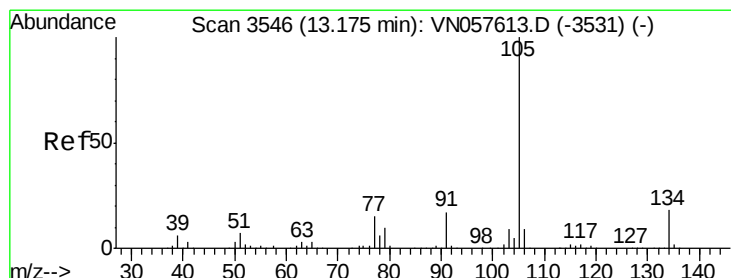
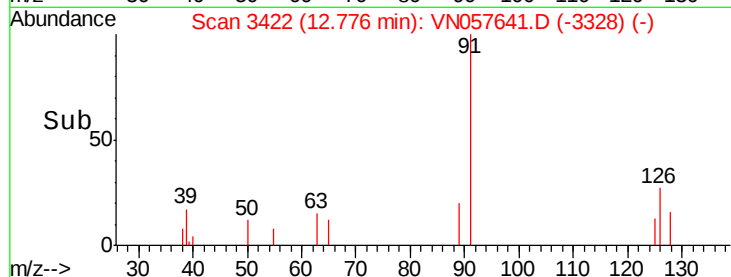
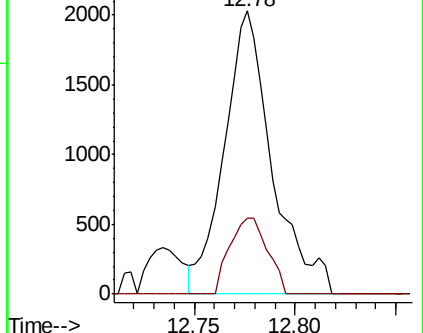
91 100

126 21.5 14.4 43.2



Abundance Ion 91.00 (90.70 to 91.70): VN057613.D (-3413) (-)

Ion 125.90 (125.60 to 126.60): VN057613.D (-3413) (-)



#85

sec-Butylbenzene

Concen: 0.329 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN057641.D

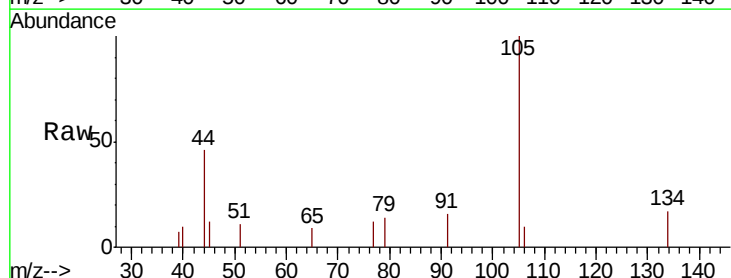
Acq: 1 Sep 2019 13:56

Tgt Ion: 105 Resp: 3581

Ion Ratio Lower Upper

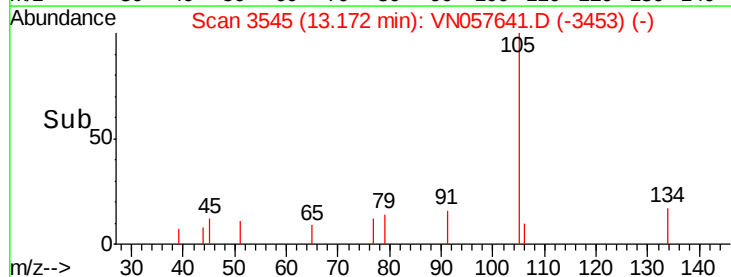
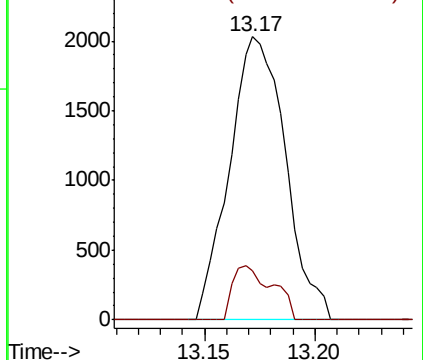
105 100

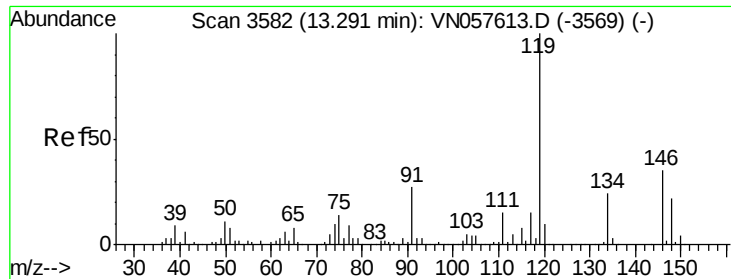
134 13.7 8.9 26.8



Abundance Ion 105.00 (104.70 to 105.70): VN057613.D (-3531) (-)

Ion 134.00 (133.70 to 134.70): VN057613.D (-3531) (-)

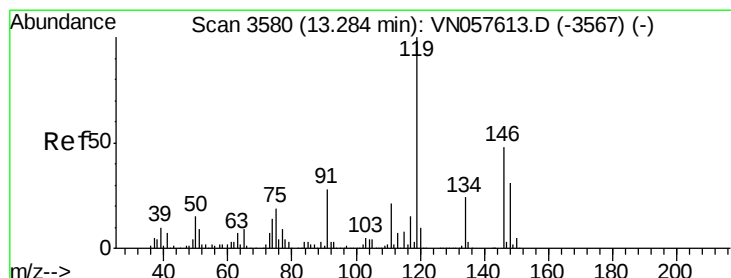
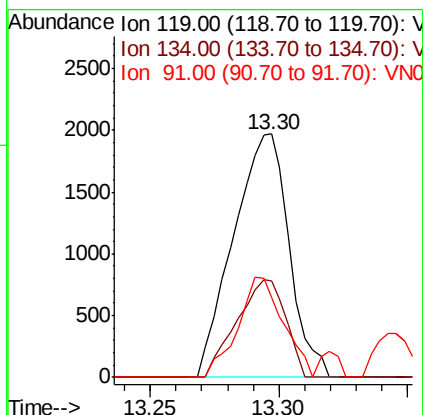
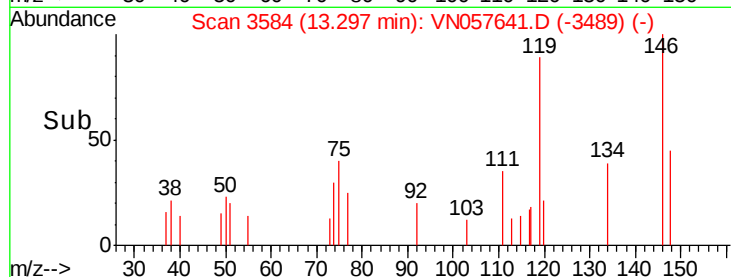
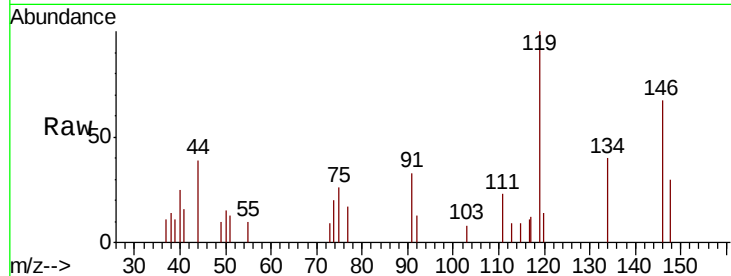




#86
p-Isopropyltoluene
Concen: 0.329 ug/l
RT: 13.30 min Scan# 3584
Delta R.T. 0.01 min
Lab File: VN057641.D
Acq: 1 Sep 2019 13:56

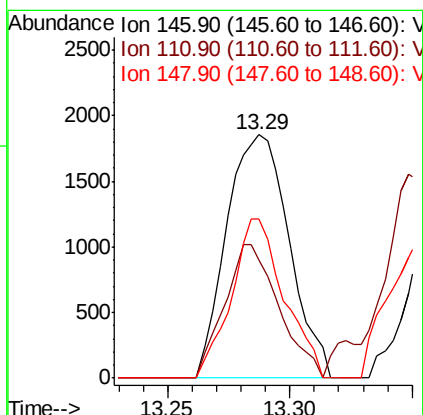
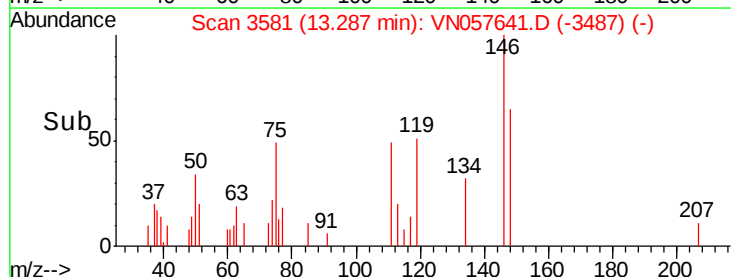
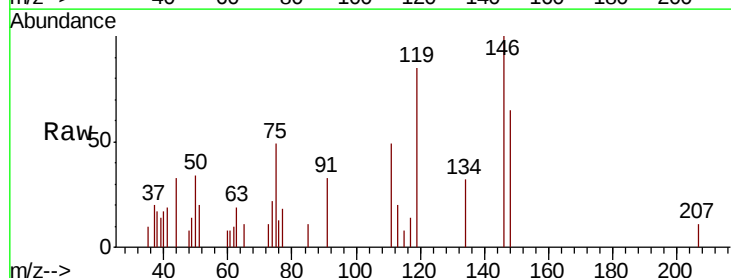
Instrument :
MSVOA_N
ClientSampleId :
RBR-200052

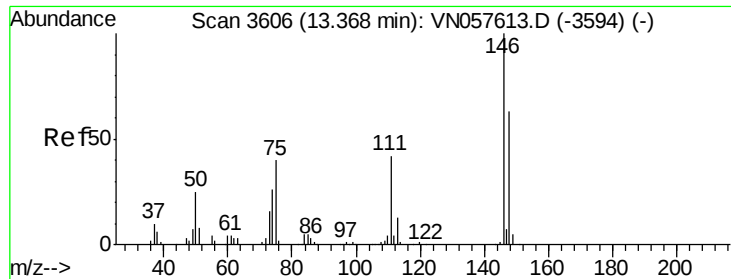
Tgt Ion:119 Resp: 2961
Ion Ratio Lower Upper
119 100
134 35.3 11.9 35.5
91 33.6 13.7 41.0



#87
1,3-Dichlorobenzene
Concen: 0.820 ug/l
RT: 13.29 min Scan# 3581
Delta R.T. 0.00 min
Lab File: VN057641.D
Acq: 1 Sep 2019 13:56

Tgt Ion:146 Resp: 3296
Ion Ratio Lower Upper
146 100
111 47.8 21.8 65.3
148 55.0 31.4 94.2

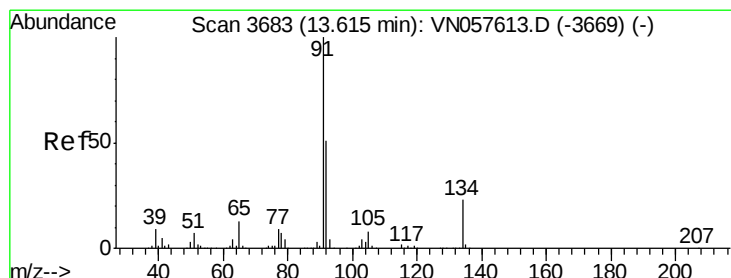
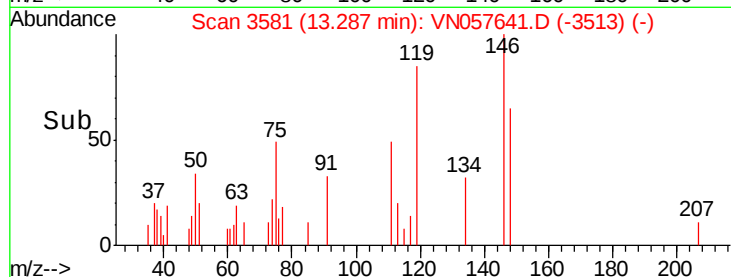
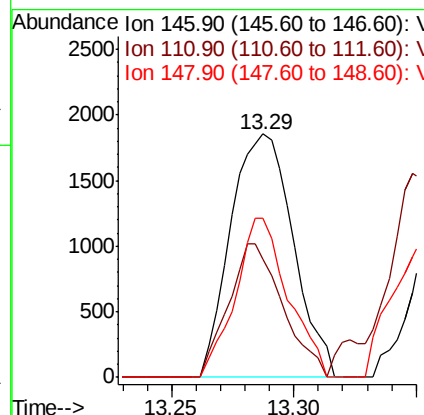
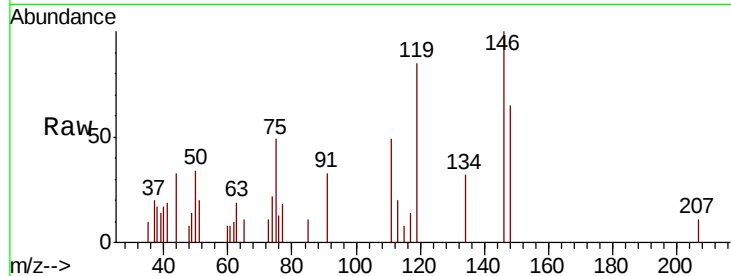




#88
 1,4-Dichlorobenzene
 Concen: 0.849 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. -0.08 min
 Lab File: VN057641.D
 Acq: 1 Sep 2019 13:56

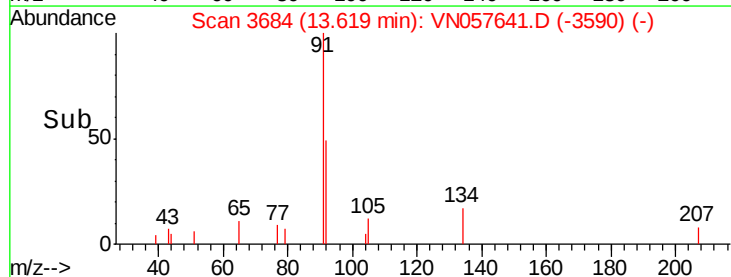
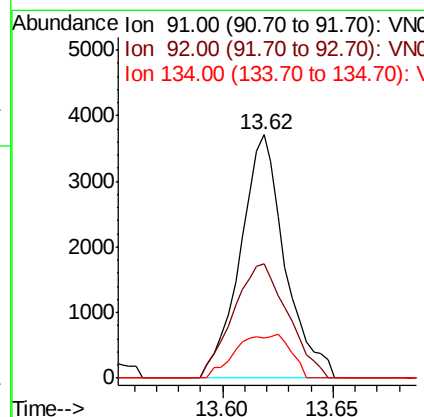
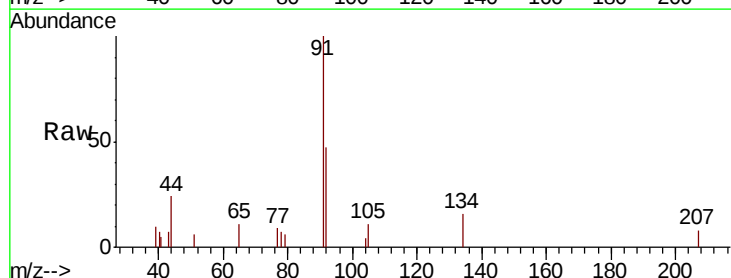
Instrument :
 MSVOA_N
 ClientSampleId :
 RBR-200052

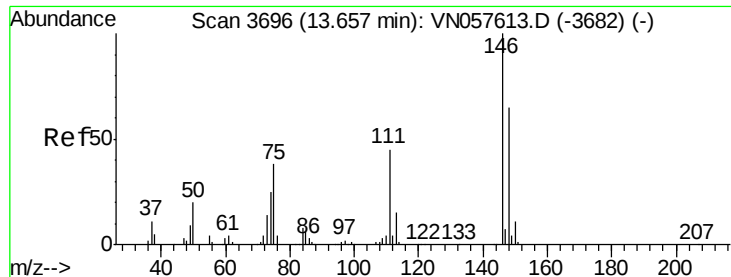
Tgt Ion:146 Resp: 3296
 Ion Ratio Lower Upper
 146 100
 111 47.8 21.6 65.0
 148 55.0 32.2 96.6



#89
 n-Butylbenzene
 Concen: 0.616 ug/l
 RT: 13.62 min Scan# 3684
 Delta R.T. 0.00 min
 Lab File: VN057641.D
 Acq: 1 Sep 2019 13:56

Tgt Ion: 91 Resp: 5194
 Ion Ratio Lower Upper
 91 100
 92 57.4 25.4 76.0
 134 21.9 11.0 33.0

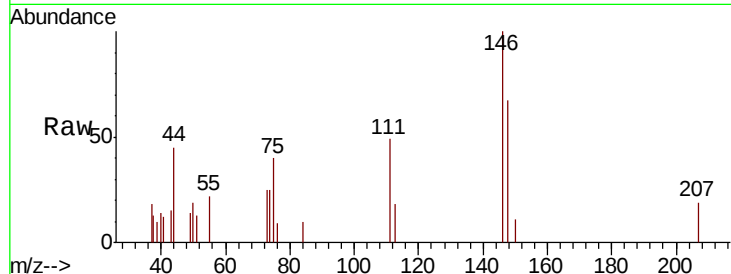




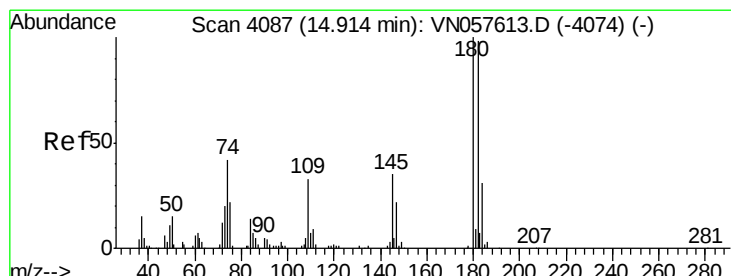
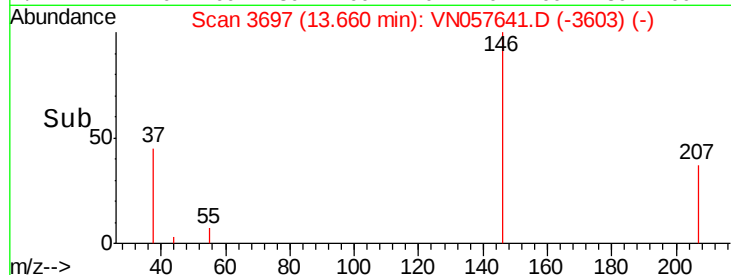
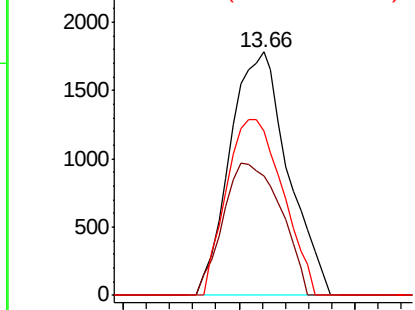
#91
 1,2-Dichlorobenzene
 Concen: 0.804 ug/l
 RT: 13.66 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN057641.D
 Acq: 1 Sep 2019 13:56

Instrument :
 MSVOA_N
 ClientSampleId :
 RBR-200052

Tgt Ion:146 Resp: 3084
 Ion Ratio Lower Upper
 146 100
 111 54.2 22.1 66.5
 148 70.6 31.6 94.7

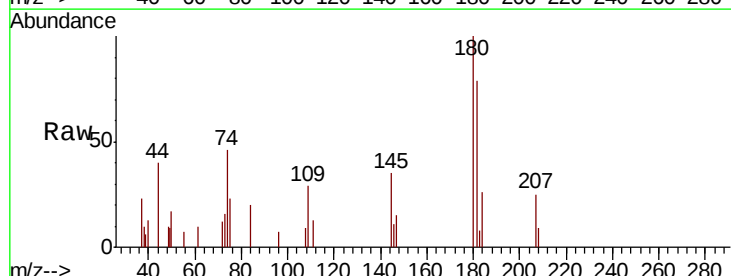


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

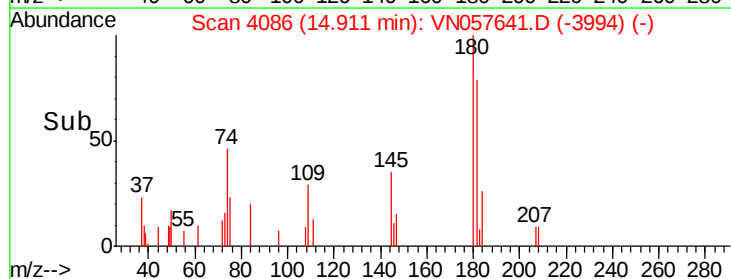
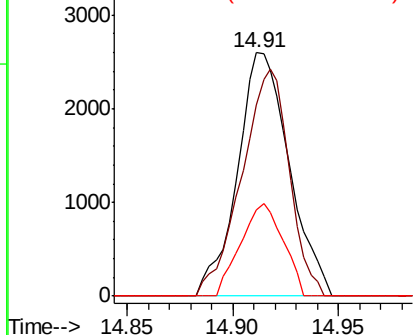


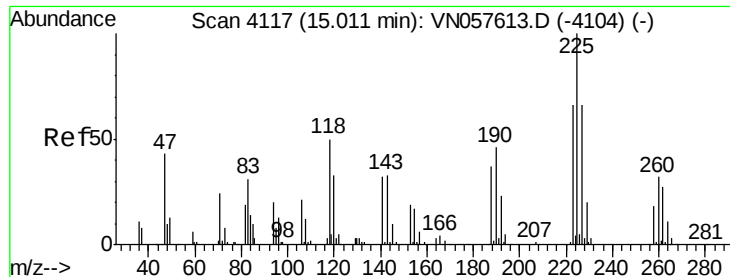
#93
 1,2,4-Trichlorobenzene
 Concen: 10.519 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. -0.00 min
 Lab File: VN057641.D
 Acq: 1 Sep 2019 13:56

Tgt Ion:180 Resp: 4436
 Ion Ratio Lower Upper
 180 100
 182 85.7 47.8 143.3
 145 31.3 16.9 50.7



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





#94

Hexachlorobutadiene

Concen: 2.113 ug/l

RT: 15.01 min Scan# 4117

Delta R.T. 0.00 min

Lab File: VN057641.D

Acq: 1 Sep 2019 13:56

Instrument :

MSVOA_N

ClientSampleId :

RBR-200052

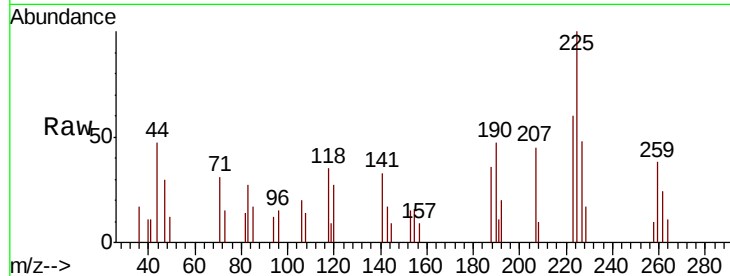
Tgt Ion:225 Resp: 2781

Ion Ratio Lower Upper

225 100

223 60.3 32.3 96.8

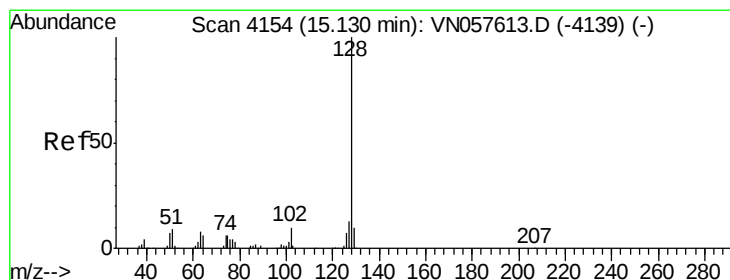
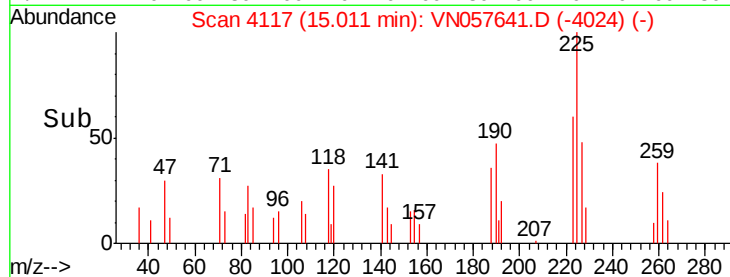
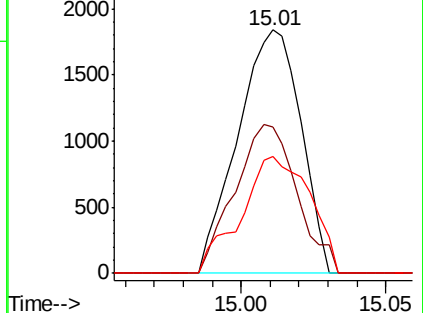
227 52.4 32.4 97.2



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 10.030 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN057641.D

Acq: 1 Sep 2019 13:56

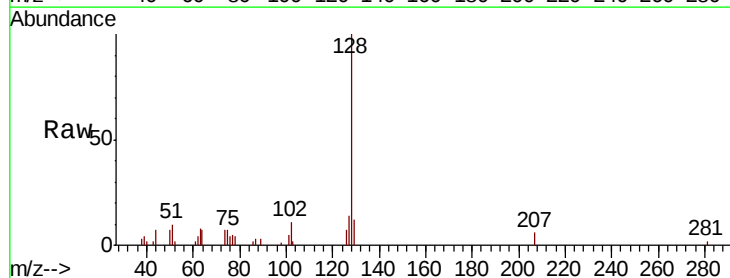
Tgt Ion:128 Resp: 17854

Ion Ratio Lower Upper

128 100

127 15.3 10.2 15.2#

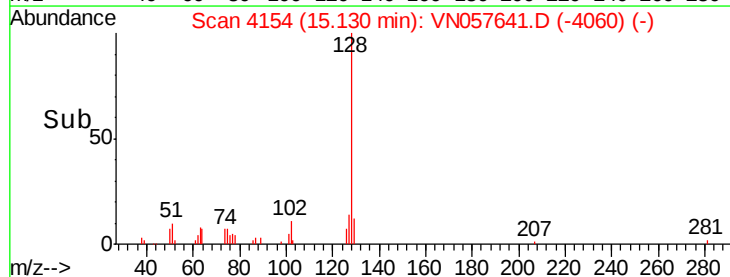
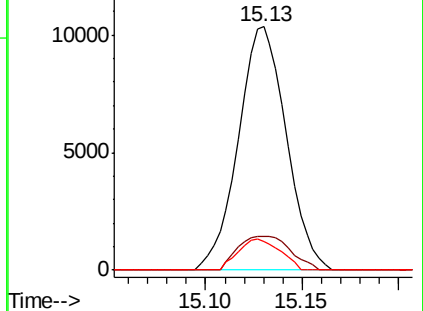
129 11.0 8.6 12.8

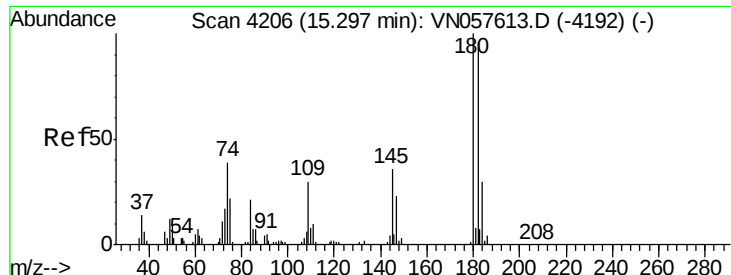


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 9.434 ug/l
 RT: 15.29 min Scan# 4205
 Delta R.T. -0.00 min
 Lab File: VN057641.D
 Acq: 1 Sep 2019 13:56

Instrument :
 MSVOA_N
 ClientSampleId :
 RBR-200052

Tgt Ion:180 Resp: 3291
 Ion Ratio Lower Upper
 180 100
 182 102.4 46.3 138.9
 145 39.9 17.8 53.3

