

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092718\
 Data File : VN051555.D
 Acq On : 26 Sep 2018 23:40
 Operator : MD\SY
 Sample : J5070-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CS-RBR-200027

Quant Time: Sep 27 08:01:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092318W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 24 06:41:32 2018
 Response via : Initial Calibration

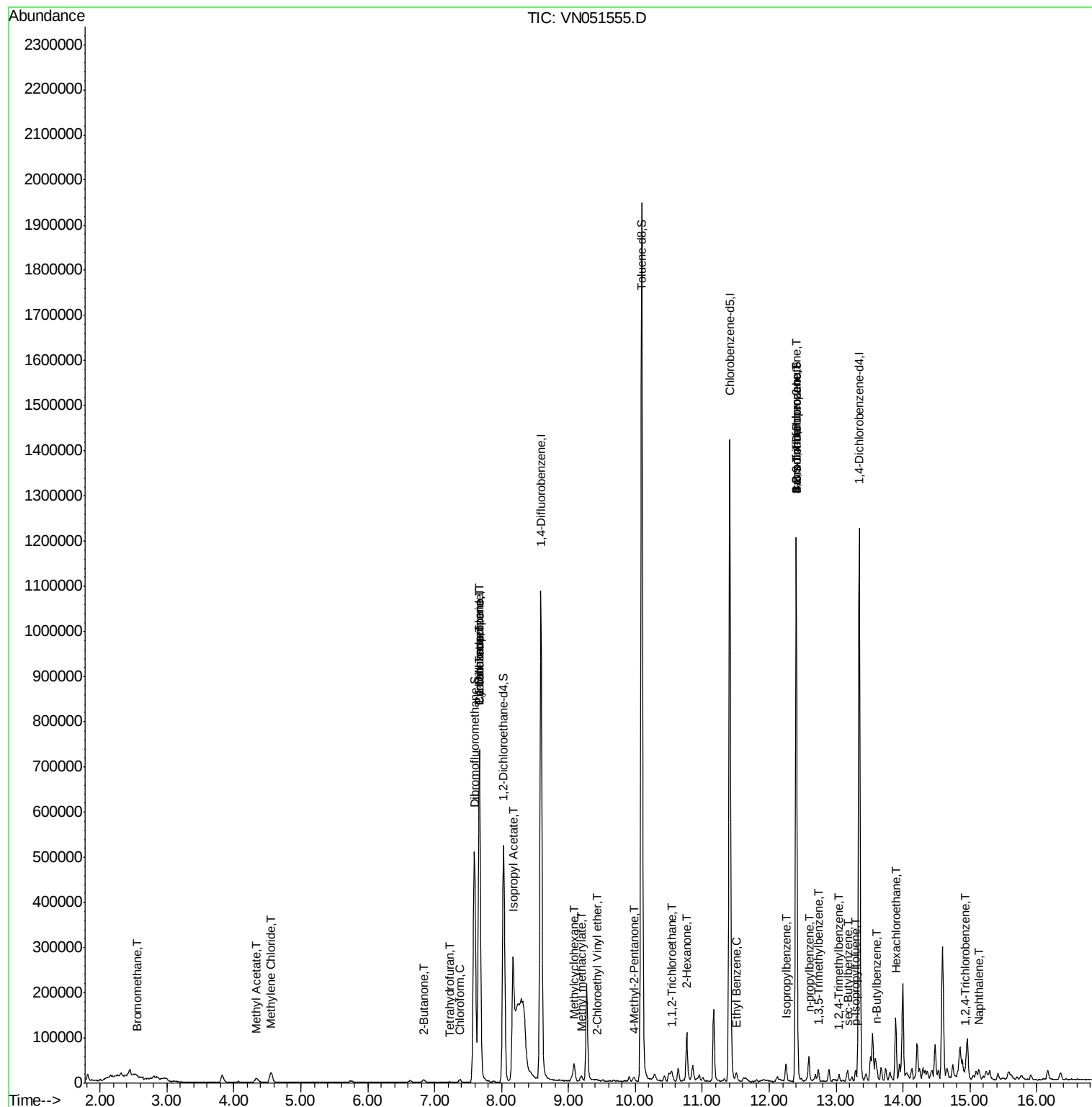
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	609105	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1003466	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	858013	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	338887	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	452631	59.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.64%	
35) Dibromofluoromethane	7.60	113	387515	48.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.58%	
50) Toluene-d8	10.09	98	1396371	46.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.42%	
62) 4-Bromofluorobenzene	12.40	95	399812	40.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.80%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.57	94	990	0.224	ug/l #	69
16) Acetone	3.82	43	28352	Below Cal		98
18) Methyl Acetate	4.34	43	19288	3.319	ug/l	98
20) Methylene Chloride	4.56	84	16000	2.119	ug/l	93
25) 2-Butanone	6.85	43	3016	1.155	ug/l	100
29) Tetrahydrofuran	7.23	42	964	0.582	ug/l #	42
30) Chloroform	7.37	83	6953	0.535	ug/l #	82
31) Cyclohexane	7.67	56	15796	1.315	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	44109	3.796	ug/l #	49
38) Carbon Tetrachloride	7.67	117	56002	4.608	ug/l #	16
39) Methylcyclohexane	9.08	83	14863	1.094	ug/l	90
43) Isopropyl Acetate	8.17	43	343865	28.462	ug/l #	88
48) Methyl methacrylate	9.18	41	6798	1.129	ug/l #	23
51) 4-Methyl-2-Pentanone	9.99	43	2589	0.390	ug/l #	85
55) 1,1,2-Trichloroethane	10.53	97	2375	0.317	ug/l #	21
58) 2-Chloroethyl Vinyl ether	9.44	63	29	20.374	ug/l #	48
59) 2-Hexanone	10.77	43	15266	3.544	ug/l #	58
67) Ethyl Benzene	11.51	91	10227	0.276	ug/l #	88
71) Bromoform	12.40	173	3144	0.552	ug/l #	1
73) Isopropylbenzene	12.25	105	22891	0.801	ug/l	95
76) 1,2,3-Trichloropropane	12.40	75	197802	35.160	ug/l #	100
78) n-propylbenzene	12.59	91	42238	1.311	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	10850	0.465	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	197802	108.115	ug/l #	13
84) 1,2,4-Trimethylbenzene	13.04	105	9266	0.394	ug/l	99
85) sec-Butylbenzene	13.17	105	13263	0.472	ug/l	82
86) p-Isopropyltoluene	13.29	119	13103	0.539	ug/l	97
89) n-Butylbenzene	13.62	91	9708	0.486	ug/l #	73
90) Hexachloroethane	13.89	117	9090	1.878	ug/l #	4
93) 1,2,4-Trichlorobenzene	14.92	180	110	5.997	ug/l #	1
95) Naphthalene	15.13	128	17273	9.195	ug/l	98

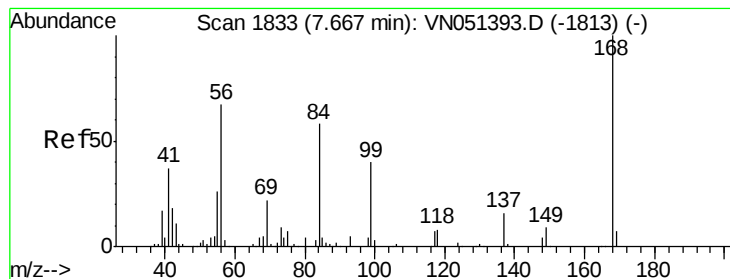
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Sep 24 06:41:32 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN051555.D

Acq: 26 Sep 2018 23:40

Instrument :

MSVOA_N

ClientSampleId :

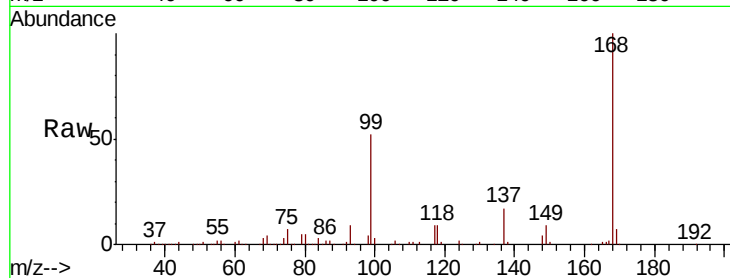
CS-RBR-200027

Tot Ion:168 Resp: 609105

Ion Ratio Lower Upper

168 100

99 52.1 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN051393.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN051393.D (-1813) (-)

7.67

250000

200000

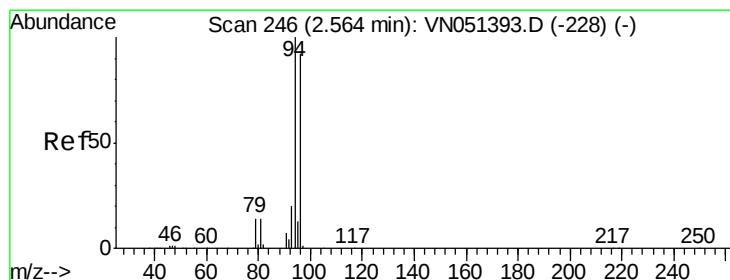
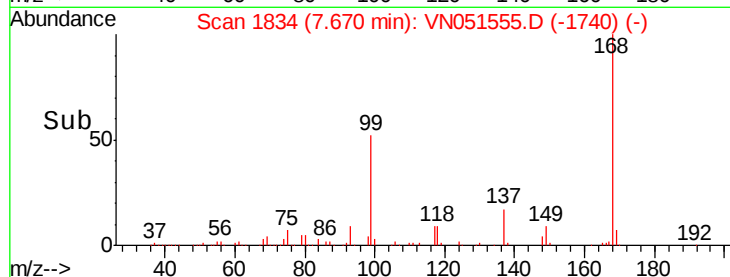
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: 0.224 ug/l

RT: 2.57 min Scan# 248

Delta R.T. 0.01 min

Lab File: VN051555.D

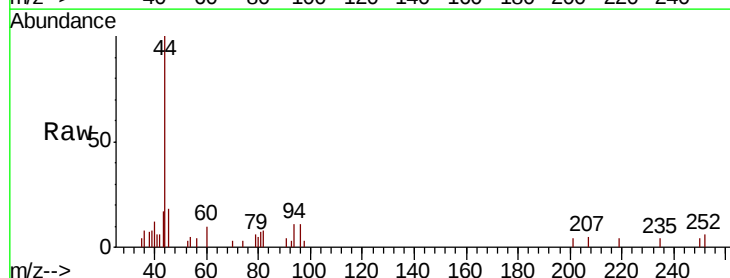
Acq: 26 Sep 2018 23:40

Tgt Ion: 94 Resp: 990

Ion Ratio Lower Upper

94 100

96 62.0 73.6 110.4#



Abundance Ion 93.90 (93.60 to 94.60): VN051393.D (-228) (-)

Ion 95.90 (95.60 to 96.60): VN051393.D (-228) (-)

2.57

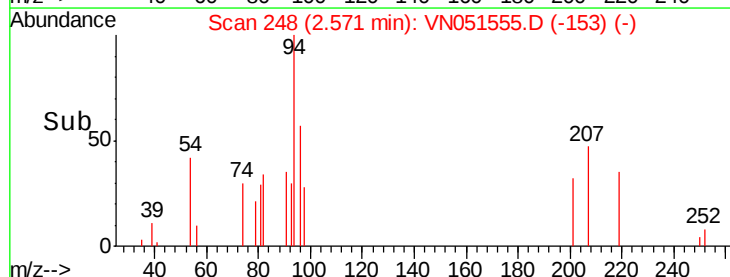
600

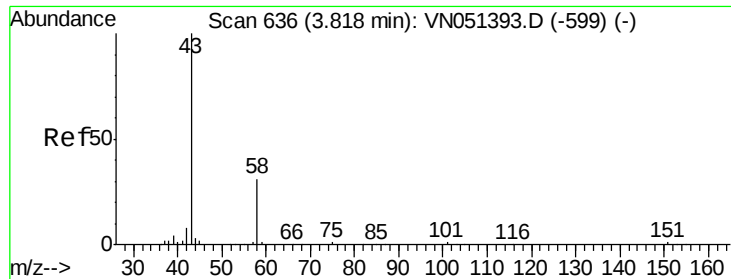
400

200

0

Time-->





#16

Acetone

Concen: Below Cal

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN051555.D

Acq: 26 Sep 2018 23:40

Instrument :

MSVOA_N

ClientSampleId :

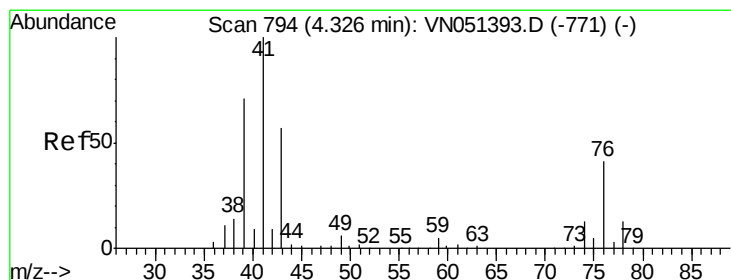
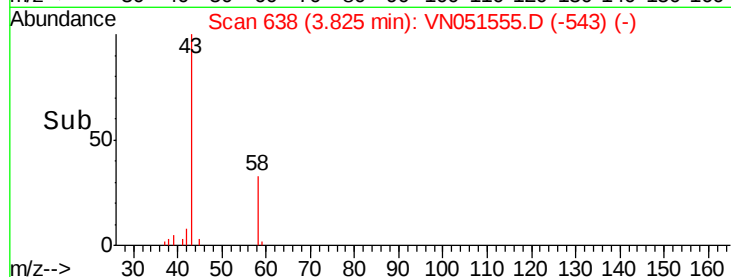
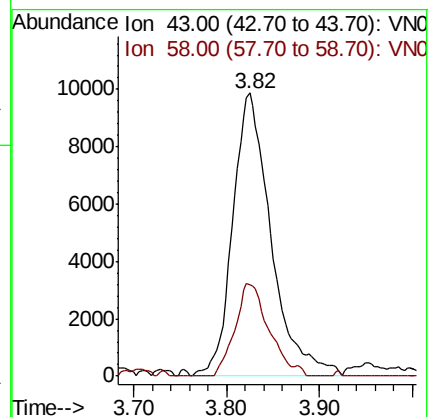
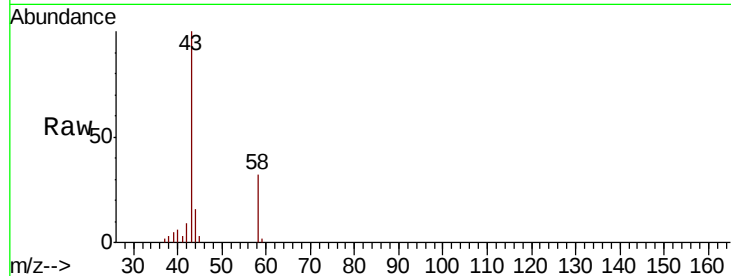
CS-RBR-200027

Tot Ion: 43 Resp: 28352

Ion Ratio Lower Upper

43 100

58 32.3 25.0 37.4



#18

Methyl Acetate

Concen: 3.319 ug/l

RT: 4.34 min Scan# 798

Delta R.T. 0.01 min

Lab File: VN051555.D

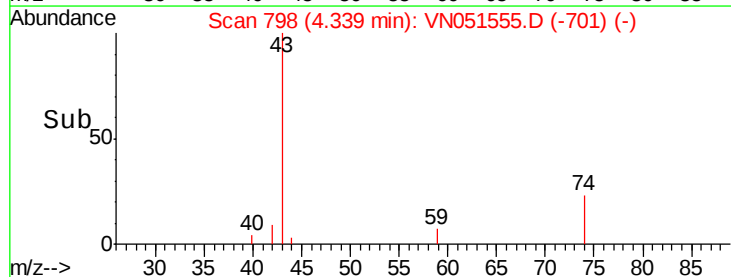
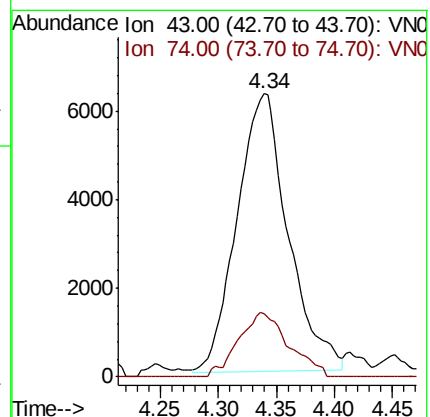
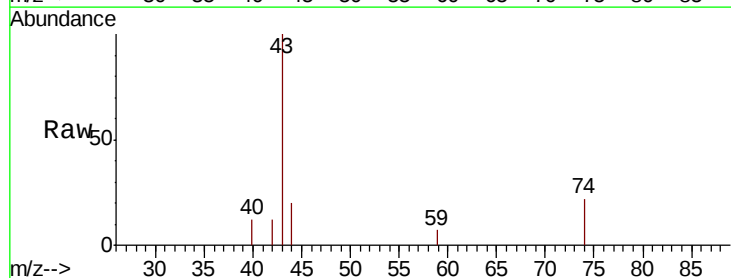
Acq: 26 Sep 2018 23:40

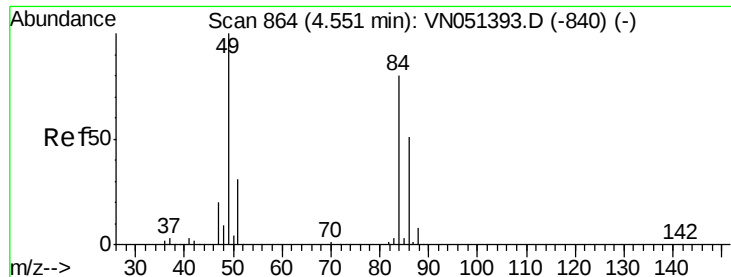
Tgt Ion: 43 Resp: 19288

Ion Ratio Lower Upper

43 100

74 22.7 18.8 28.2





#20

Methvlene Chloride

Concen: 2.119 ug/l

RT: 4.56 min Scan# 866

Delta R.T. 0.01 min

Lab File: VN051555.D

Acq: 26 Sep 2018 23:40

Instrument :

MSVOA_N

ClientSampleId :

CS-RBR-200027

Tot Ion: 84 Resp: 16000

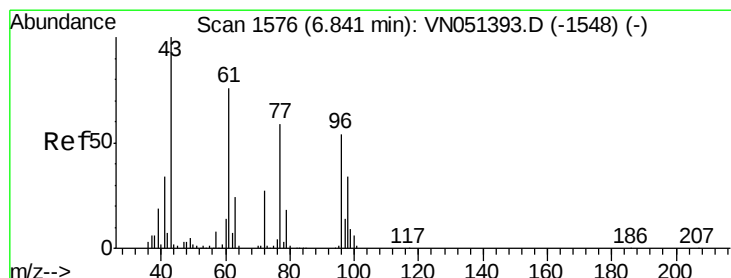
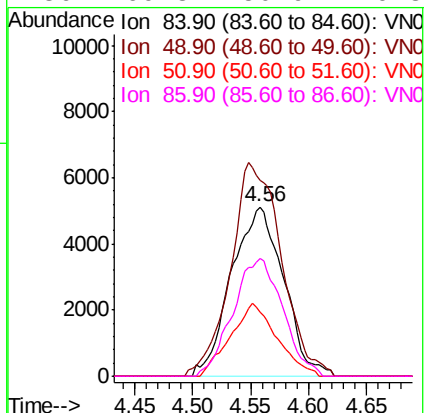
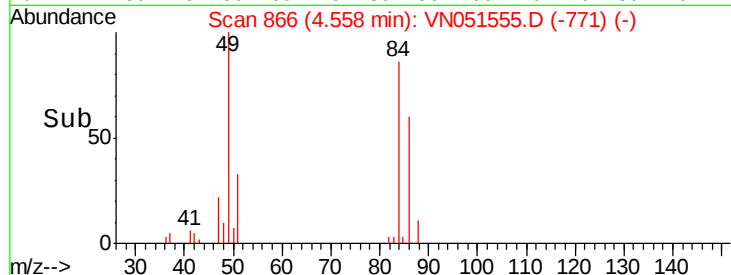
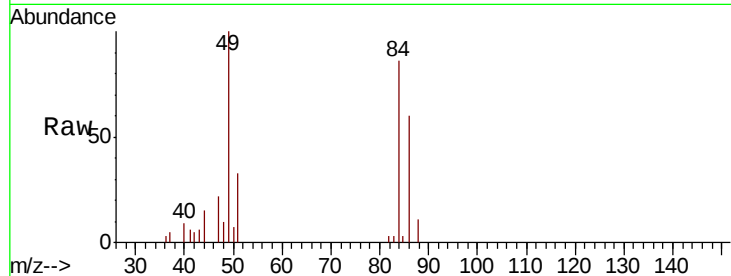
Ion Ratio Lower Upper

84 100

49 115.8 99.9 149.9

51 37.6 31.4 47.2

86 69.8 50.9 76.3



#25

2-Butanone

Concen: 1.155 ug/l

RT: 6.85 min Scan# 1578

Delta R.T. 0.01 min

Lab File: VN051555.D

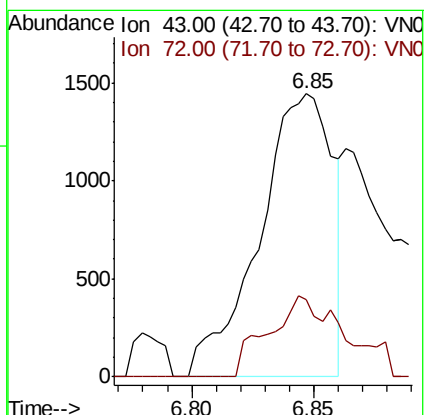
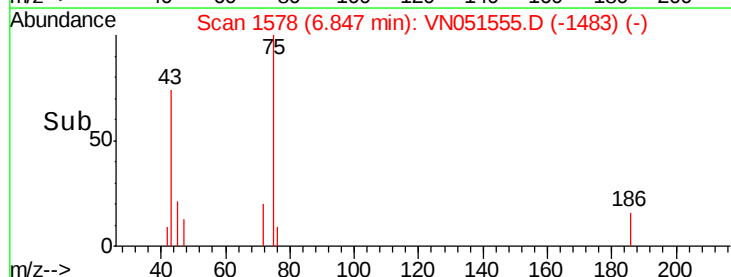
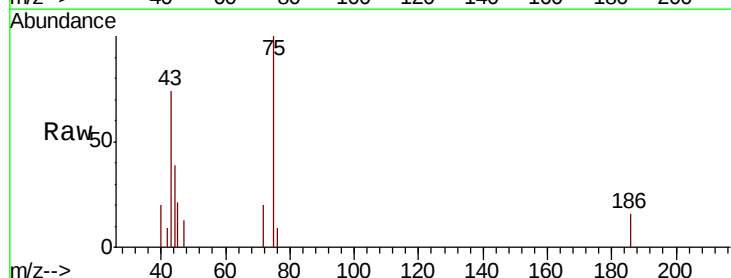
Acq: 26 Sep 2018 23:40

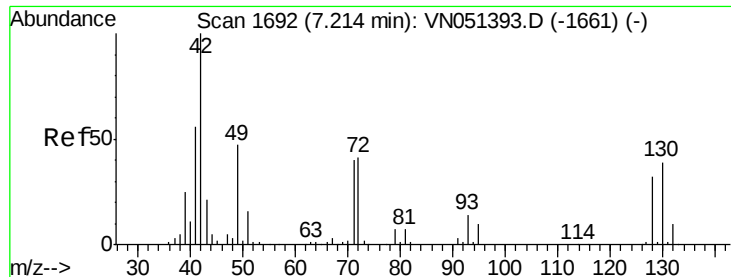
Tgt Ion: 43 Resp: 3016

Ion Ratio Lower Upper

43 100

72 27.4 21.8 32.6





#29

Tetrahydrofuran

Concen: 0.582 ug/l

RT: 7.23 min Scan# 1698

Delta R.T. 0.02 min

Lab File: VN051555.D

Acq: 26 Sep 2018 23:40

Instrument :

MSVOA_N

ClientSampleId :

CS-RBR-200027

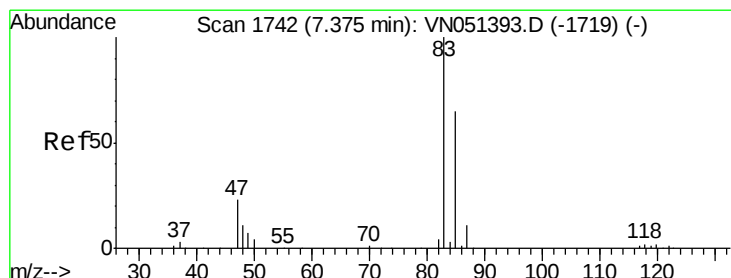
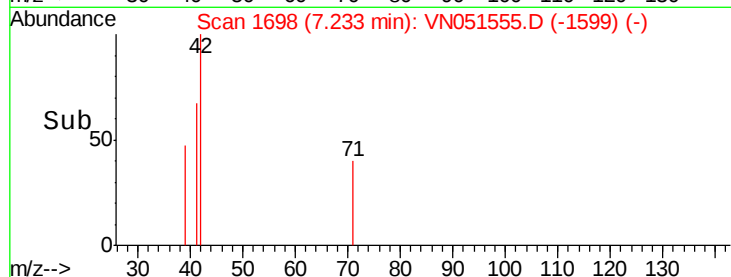
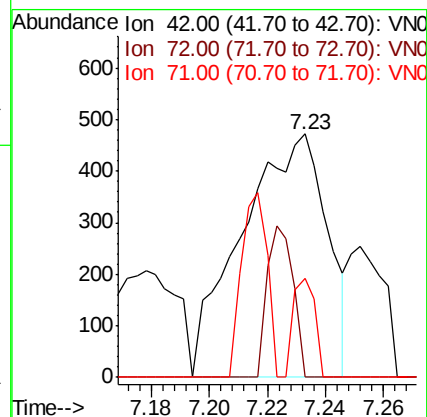
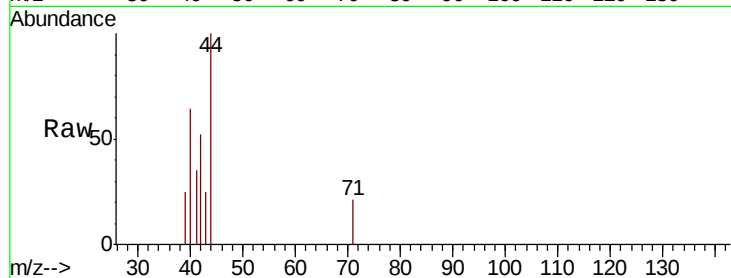
Tot Ion: 42 Resp: 964

Ion Ratio Lower Upper

42 100

72 0.0 34.3 51.5#

71 10.3 32.2 48.4#



#30

Chloroform

Concen: 0.535 ug/l

RT: 7.37 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VN051555.D

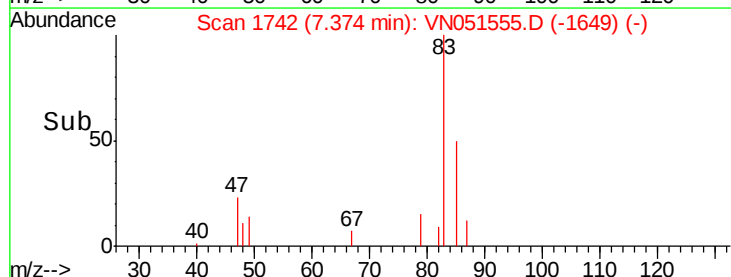
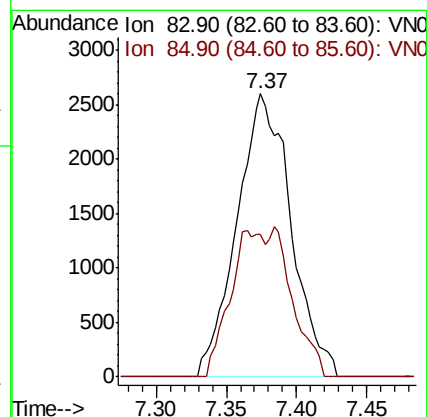
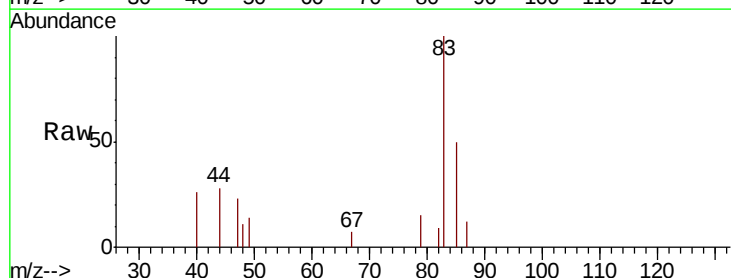
Acq: 26 Sep 2018 23:40

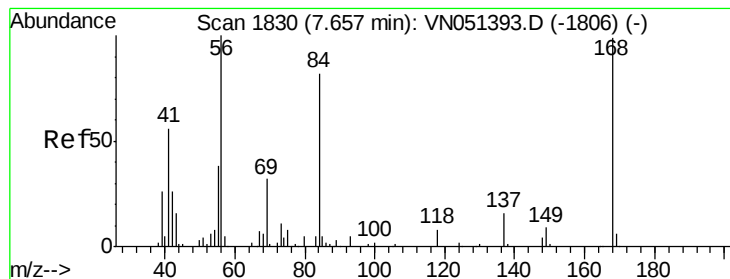
Tgt Ion: 83 Resp: 6953

Ion Ratio Lower Upper

83 100

85 50.2 51.8 77.6#





#31

Cyclohexane

Concen: 1.315 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.01 min

Lab File: VN051555.D

Acq: 26 Sep 2018 23:40

Instrument :

MSVOA_N

ClientSampleId :

CS-RBR-200027

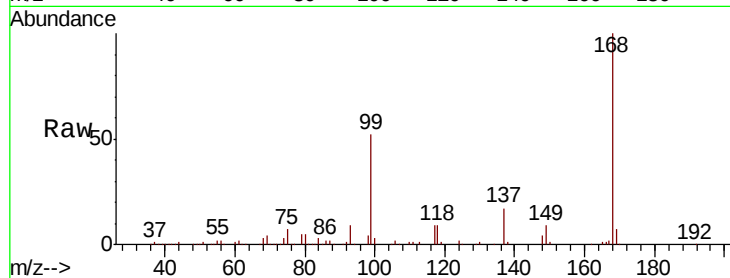
Tot Ion: 56 Resp: 15796

Ion Ratio Lower Upper

56 100

69 169.8 25.8 38.6#

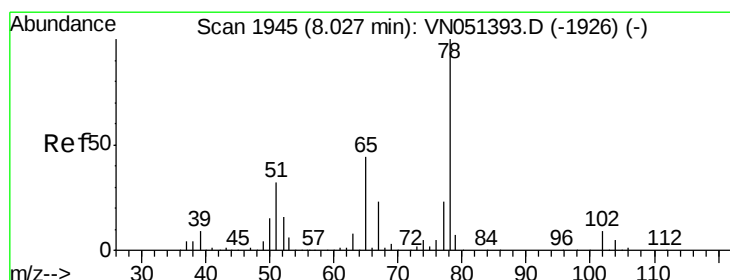
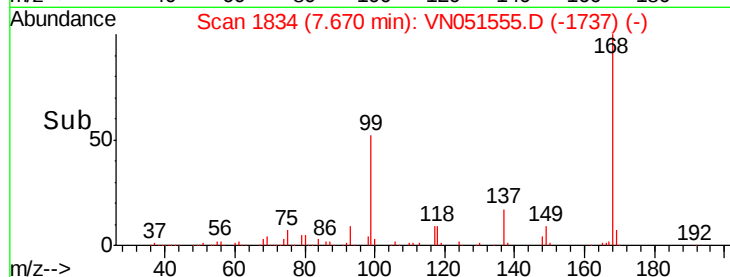
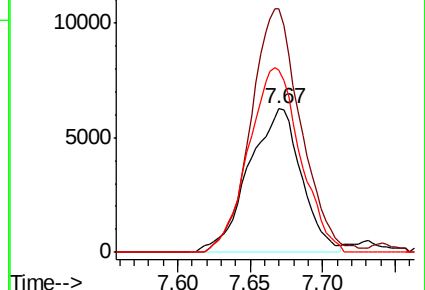
84 127.0 66.0 99.0#



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: 59.321 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN051555.D

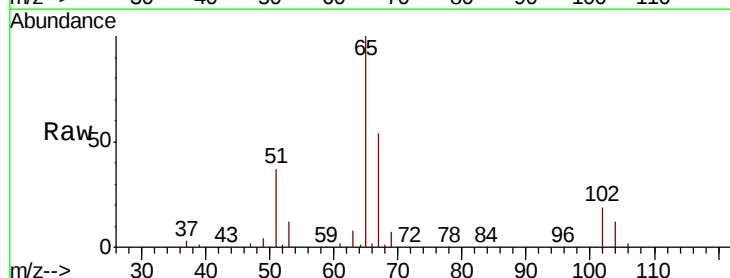
Acq: 26 Sep 2018 23:40

Tgt Ion: 65 Resp: 452631

Ion Ratio Lower Upper

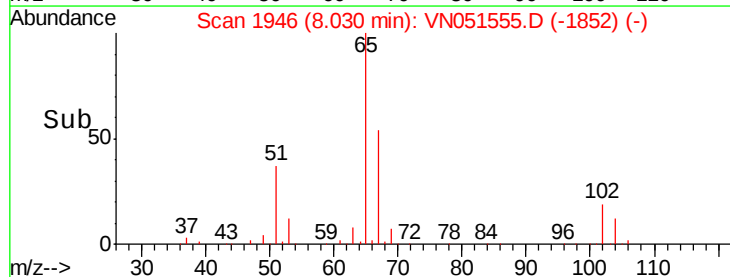
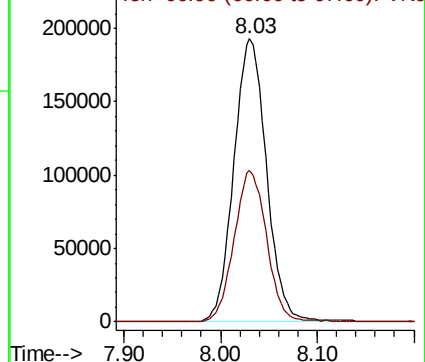
65 100

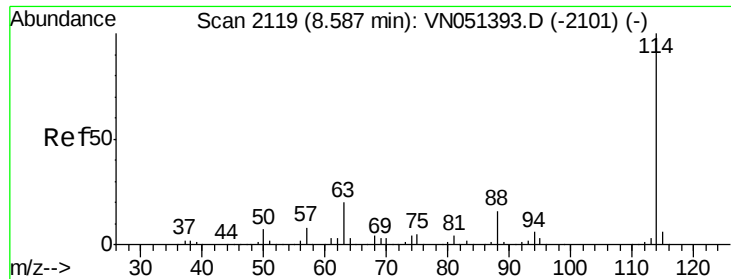
67 53.6 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

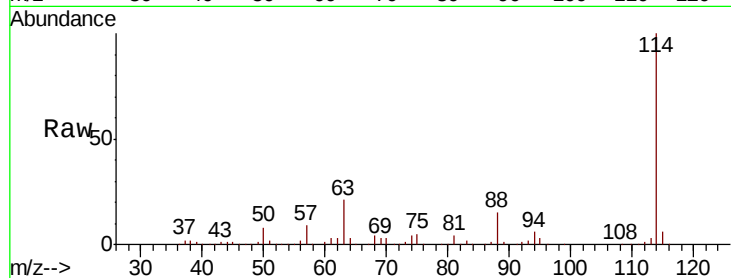




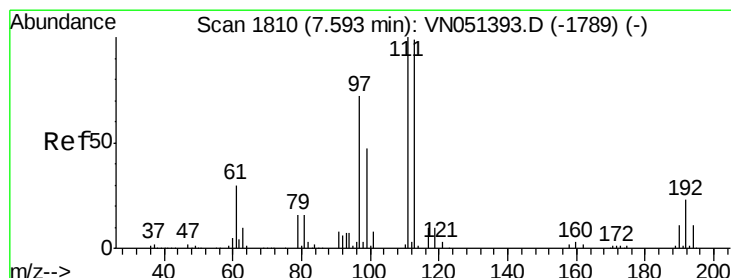
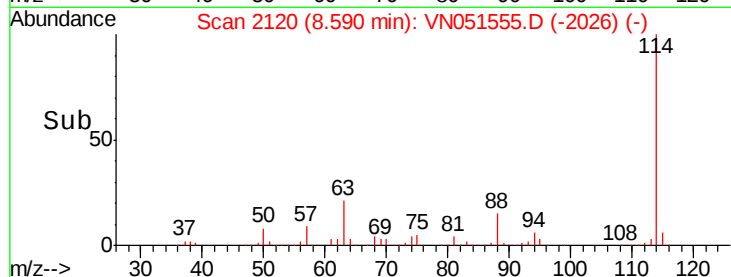
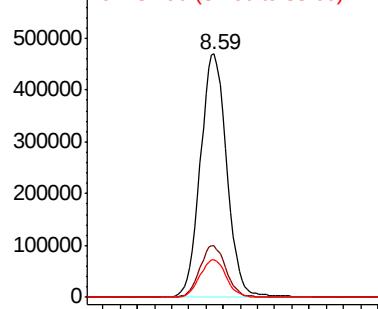
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2120
Delta R.T. 0.00 min
Lab File: VN051555.D
Acq: 26 Sep 2018 23:40

Instrument :
MSVOA_N
ClientSampleId :
CS-RBR-200027

Tot Ion:114 Resp: 1003466
Ion Ratio Lower Upper
114 100
63 21.0 0.0 40.2
88 15.3 0.0 31.4

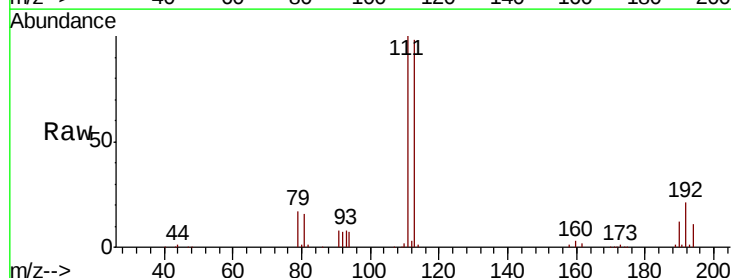


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

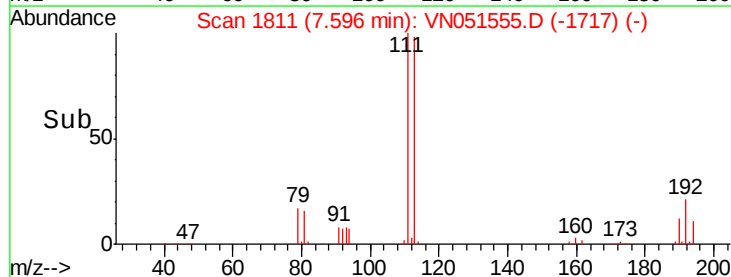
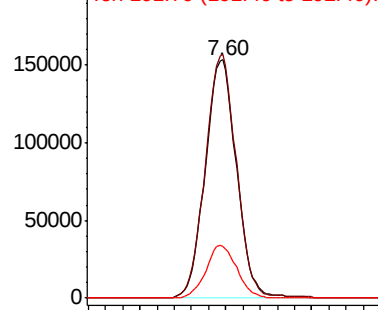


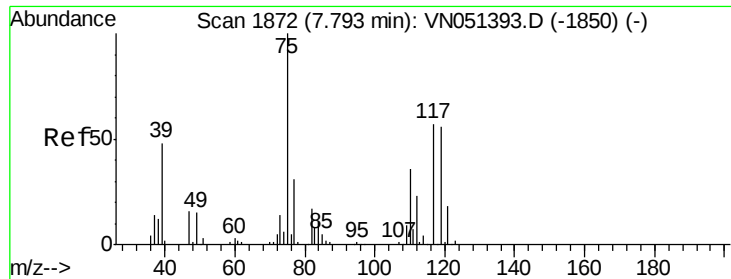
#35
Dibromofluoromethane
Concen: 48.293 ug/l
RT: 7.60 min Scan# 1811
Delta R.T. 0.00 min
Lab File: VN051555.D
Acq: 26 Sep 2018 23:40

Tgt Ion:113 Resp: 387515
Ion Ratio Lower Upper
113 100
111 101.8 82.6 123.8
192 21.8 18.0 27.0



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

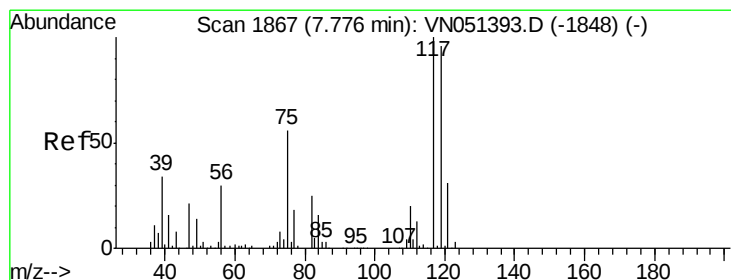
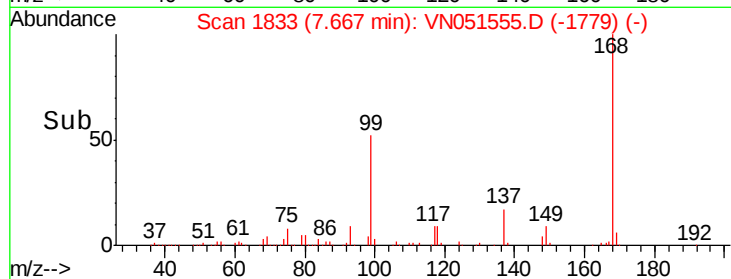
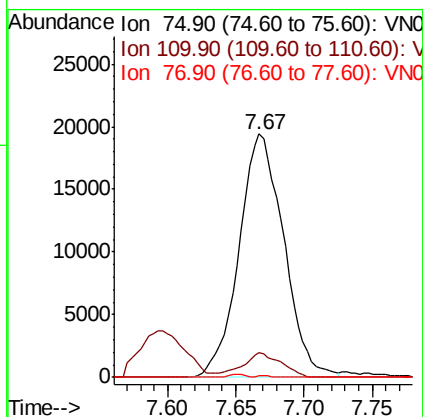
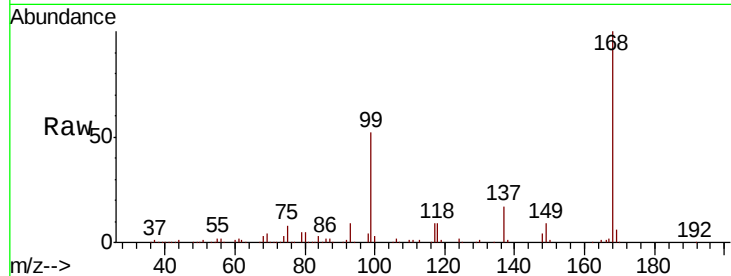




#36
 1,1-Dichloropropene
 Concen: 3.796 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN051555.D
 Acq: 26 Sep 2018 23:40

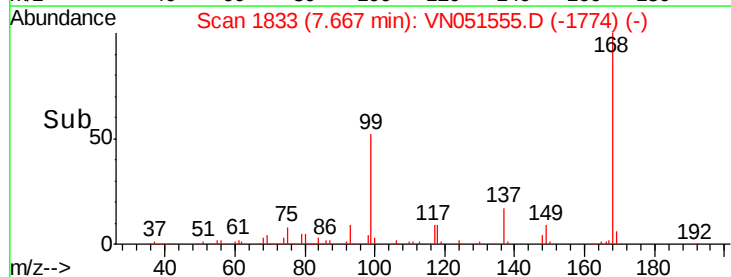
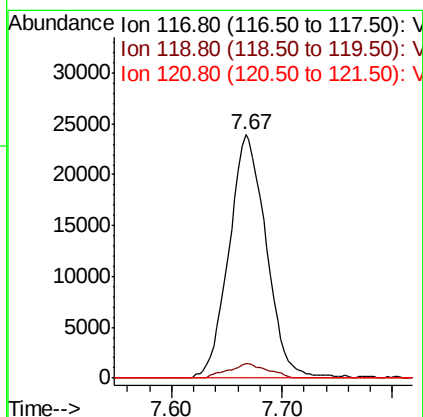
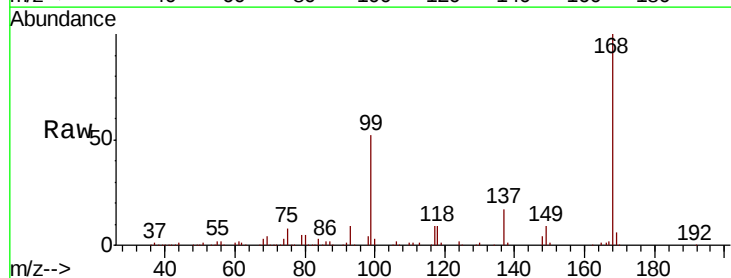
Instrument :
 MSVOA_N
 ClientSampleId :
 CS-RBR-200027

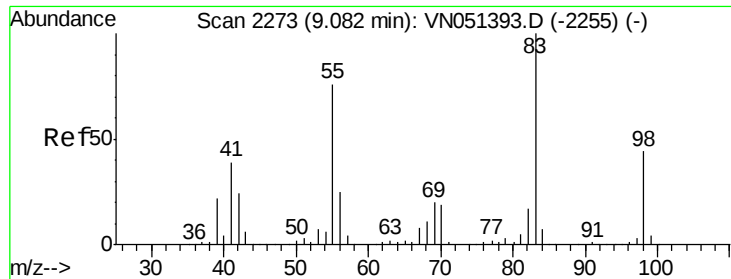
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.8	18.1	54.3#
77	0.2	25.6	38.4#



#38
 Carbon Tetrachloride
 Concen: 4.608 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.11 min
 Lab File: VN051555.D
 Acq: 26 Sep 2018 23:40

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.9	76.9	115.3#
121	0.0	24.6	37.0#

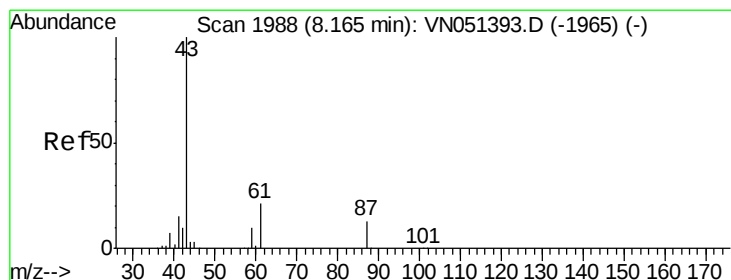
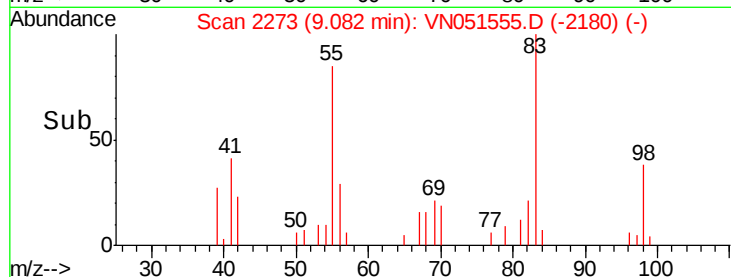
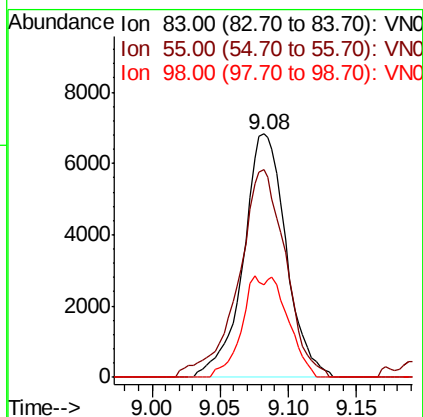
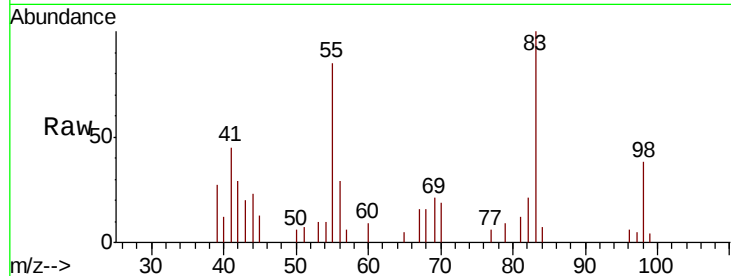




#39
Methvlcvclohexane
Concen: 1.094 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN051555.D
Acq: 26 Sep 2018 23:40

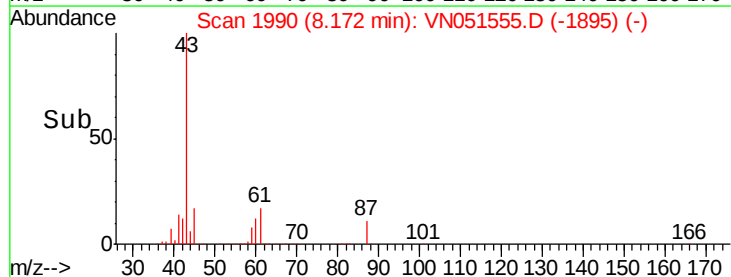
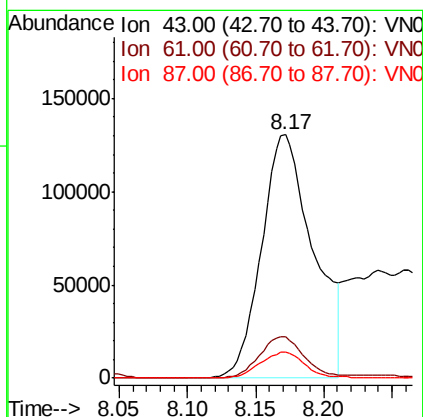
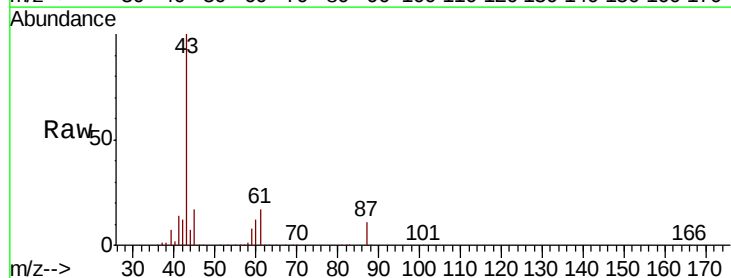
Instrument :
MSVOA_N
ClientSampleId :
CS-RBR-200027

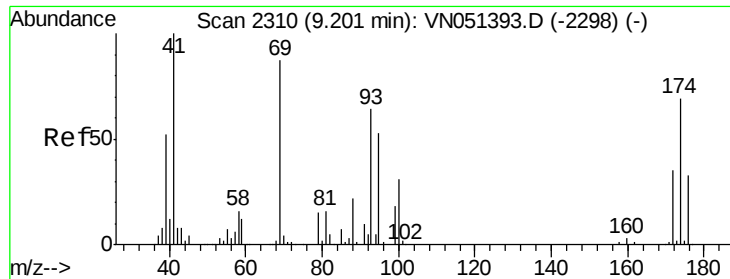
Tot Ion: 83 Resp: 14863
Ion Ratio Lower Upper
83 100
55 85.1 61.0 91.4
98 37.8 35.6 53.4



#43
Isopropyl Acetate
Concen: 28.462 ug/l
RT: 8.17 min Scan# 1990
Delta R.T. 0.01 min
Lab File: VN051555.D
Acq: 26 Sep 2018 23:40

Tgt Ion: 43 Resp: 343865
Ion Ratio Lower Upper
43 100
61 14.9 16.8 25.2#
87 9.4 10.7 16.1#

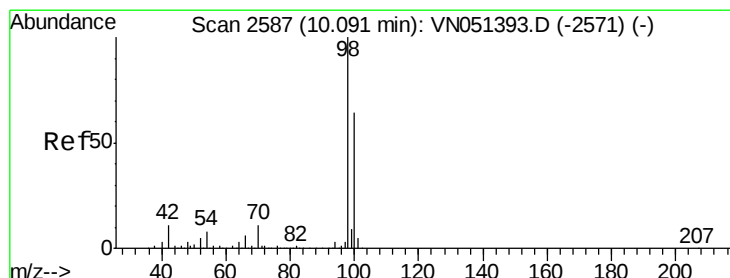
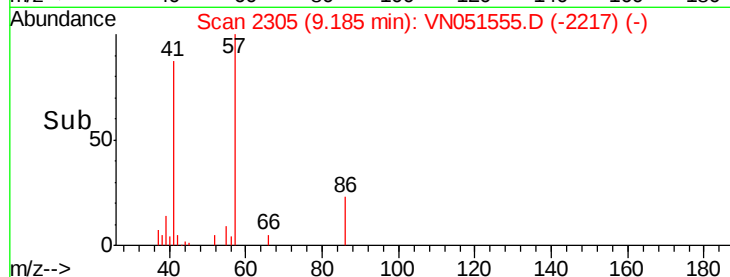
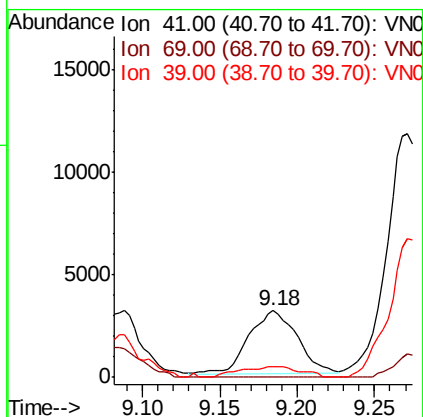
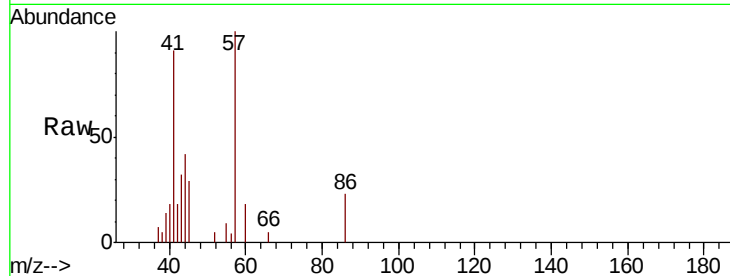




#48
Methvl methacrylate
Concen: 1.129 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. -0.02 min
Lab File: VN051555.D
Acq: 26 Sep 2018 23:40

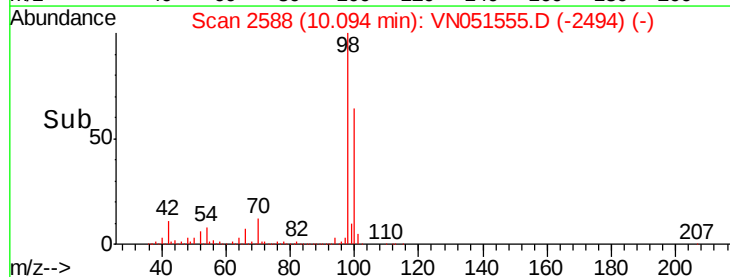
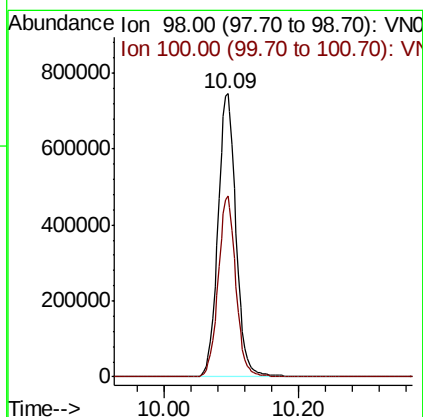
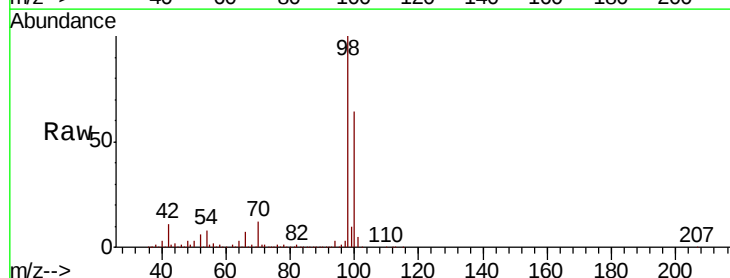
Instrument :
MSVOA_N
ClientSampleId :
CS-RBR-200027

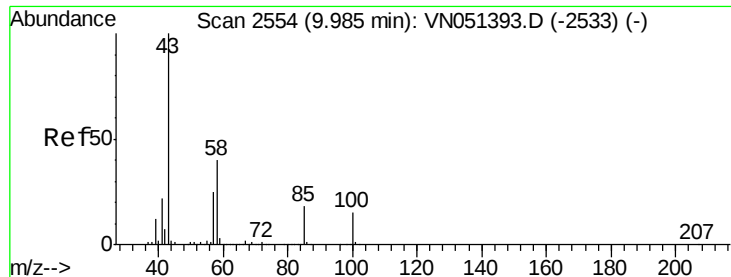
Tot Ion: 41 Resp: 6798
Ion Ratio Lower Upper
41 100
69 0.0 70.4 105.6#
39 19.1 43.8 65.8#



#50
Toluene-d8
Concen: 46.212 ug/l
RT: 10.09 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN051555.D
Acq: 26 Sep 2018 23:40

Tgt Ion: 98 Resp: 1396371
Ion Ratio Lower Upper
98 100
100 62.8 50.6 75.8





#51

4-Methyl-2-Pentanone

Concen: 0.390 ug/l

RT: 9.99 min Scan# 2555

Delta R.T. 0.00 min

Lab File: VN051555.D

Acq: 26 Sep 2018 23:40

Instrument :

MSVOA_N

ClientSampleId :

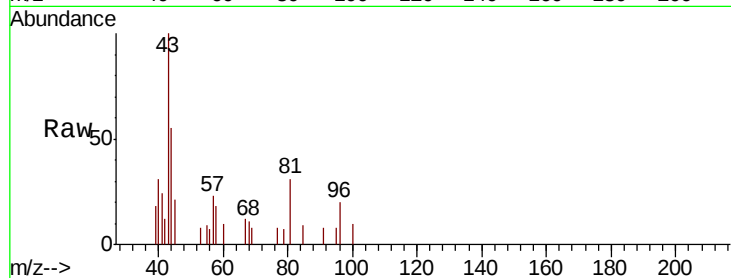
CS-RBR-200027

Tot Ion: 43 Resp: 2589

Ion Ratio Lower Upper

43 100

58 30.0 31.5 47.3#



Abundance Ion 43.00 (42.70 to 43.70): VN051393.D (-2533) (-)

Ion 58.00 (57.70 to 58.70): VN051393.D (-2533) (-)

2500

2000

1500

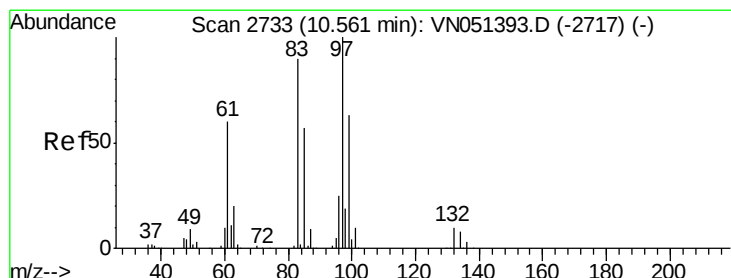
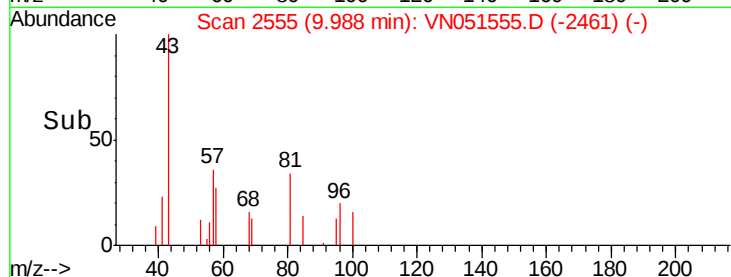
1000

500

0

9.95 9.99 10.00

Time-->



#55

1,1,2-Trichloroethane

Concen: 0.317 ug/l

RT: 10.53 min Scan# 2725

Delta R.T. -0.03 min

Lab File: VN051555.D

Acq: 26 Sep 2018 23:40

Tgt Ion: 97 Resp: 2375

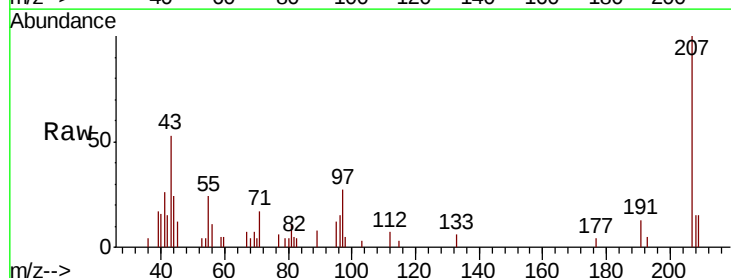
Ion Ratio Lower Upper

97 100

83 15.1 72.0 108.0#

85 0.0 45.2 67.8#

99 0.0 50.7 76.1#



Abundance Ion 96.90 (96.60 to 97.60): VN051393.D (-2717) (-)

Ion 82.90 (82.60 to 83.60): VN051393.D (-2717) (-)

Ion 84.90 (84.60 to 85.60): VN051393.D (-2717) (-)

Ion 98.90 (98.60 to 99.60): VN051393.D (-2717) (-)

2000

1500

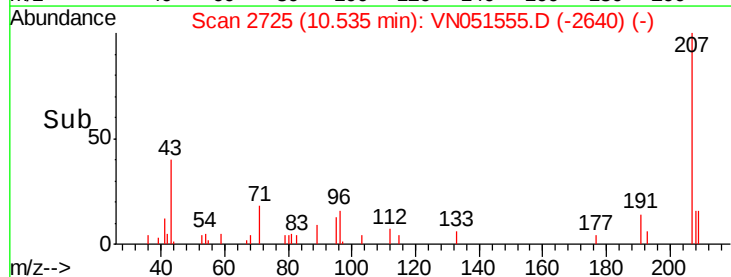
1000

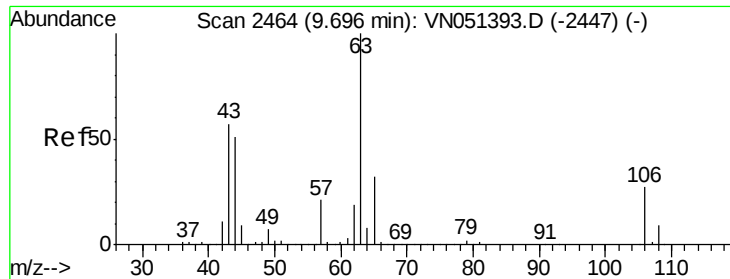
500

0

10.50 10.53 10.55

Time-->

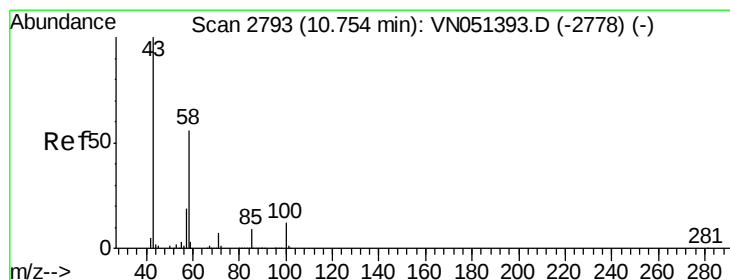
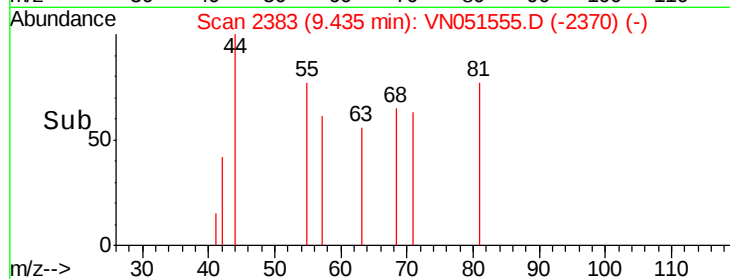
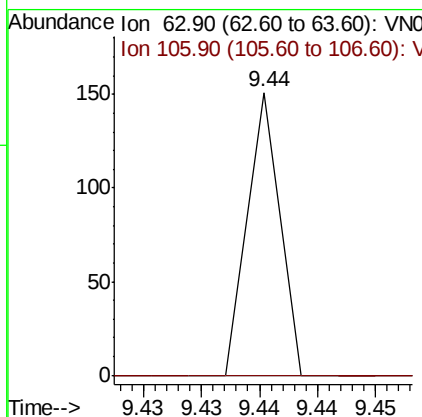
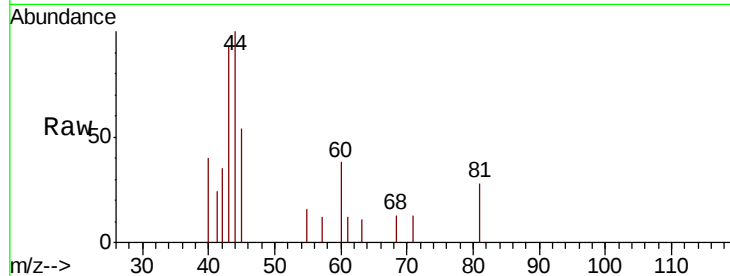




#58
 2-Chloroethyl Vinyl ether
 Concen: 20.374 ug/l
 RT: 9.44 min Scan# 2383
 Delta R.T. -0.26 min
 Lab File: VN051555.D
 Acq: 26 Sep 2018 23:40

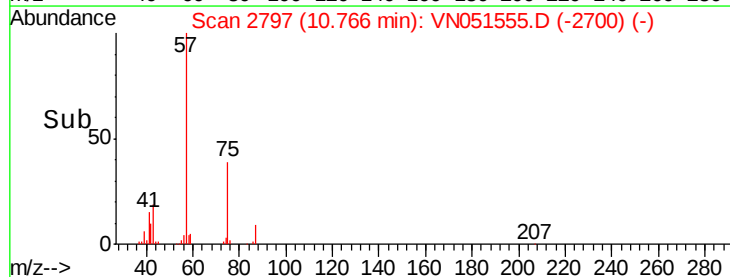
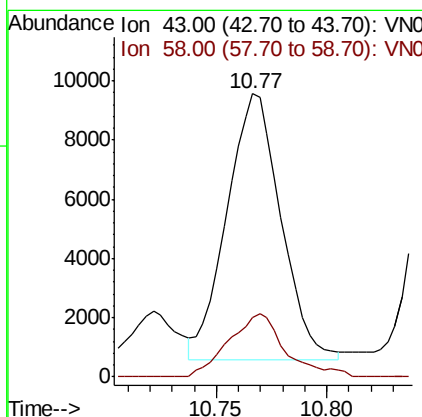
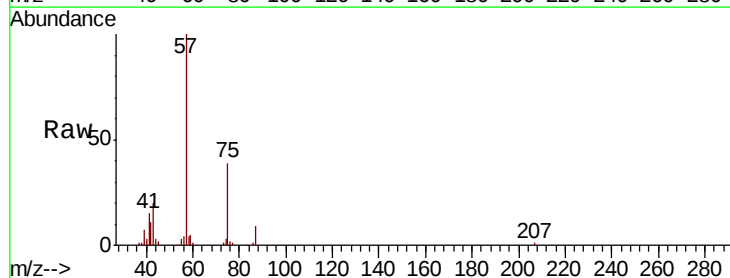
Instrument :
 MSVOA_N
 ClientSampleId :
 CS-RBR-200027

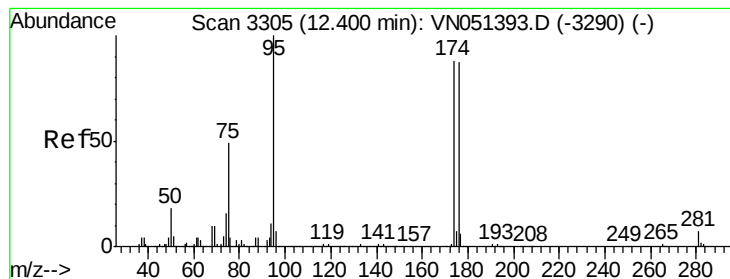
Tot Ion: 63 Resp: 29
 Ion Ratio Lower Upper
 63 100
 106 0.0 21.4 32.2#



#59
 2-Hexanone
 Concen: 3.544 ug/l
 RT: 10.77 min Scan# 2797
 Delta R.T. 0.01 min
 Lab File: VN051555.D
 Acq: 26 Sep 2018 23:40

Tgt Ion: 43 Resp: 15266
 Ion Ratio Lower Upper
 43 100
 58 24.9 27.7 83.0#





#62

4-Bromofluorobenzene

Concen: 40.902 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051555.D

Acq: 26 Sep 2018 23:40

Instrument :

MSVOA_N

ClientSampleId :

CS-RBR-200027

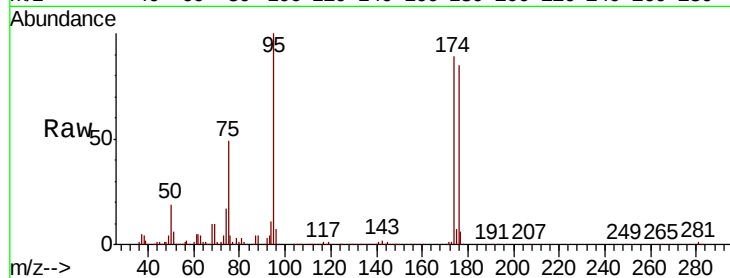
Tot Ion: 95 Resp: 399812

Ion Ratio Lower Upper

95 100

174 88.8 0.0 181.6

176 85.4 0.0 176.4



Abundance Ion 94.90 (94.60 to 95.60): VN051393.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN051393.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN051393.D (-3290) (-)

12.40

250000

200000

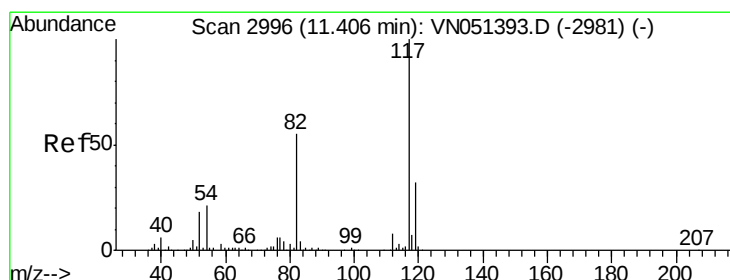
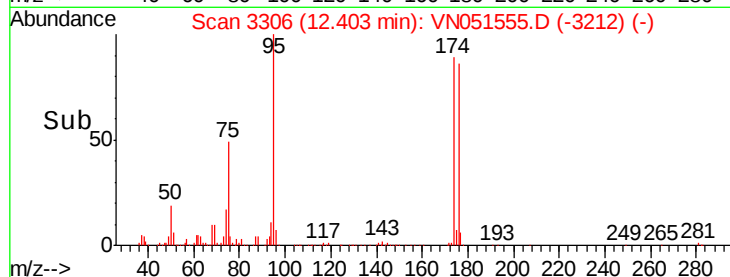
150000

100000

50000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN051555.D

Acq: 26 Sep 2018 23:40

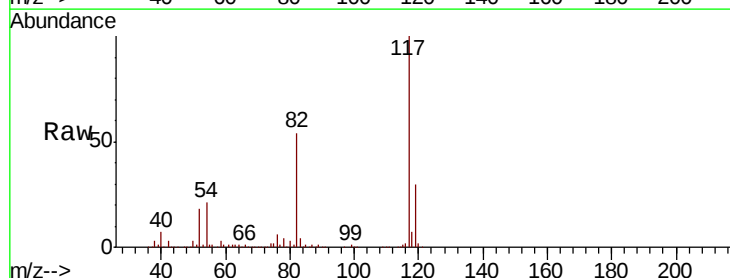
Tgt Ion: 117 Resp: 858013

Ion Ratio Lower Upper

117 100

82 53.8 44.2 66.2

119 30.5 25.9 38.9



Abundance Ion 116.90 (116.60 to 117.60): VN051393.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN051393.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN051393.D (-2981) (-)

11.41

600000

500000

400000

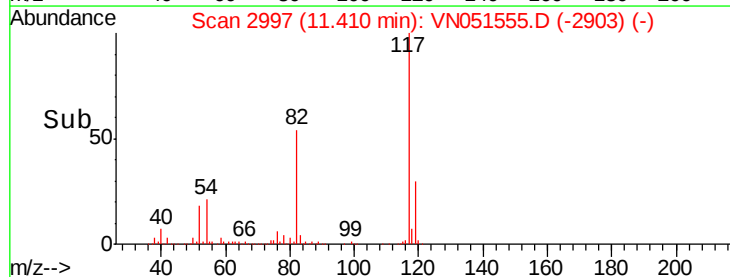
300000

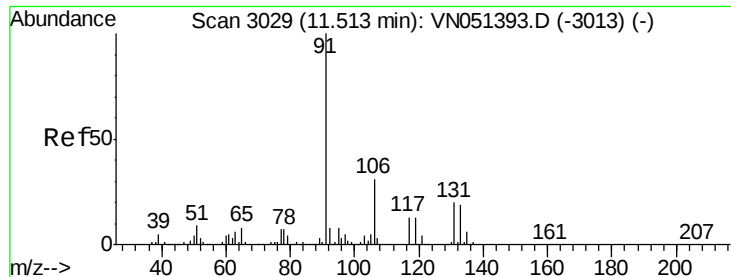
200000

100000

0

Time-->

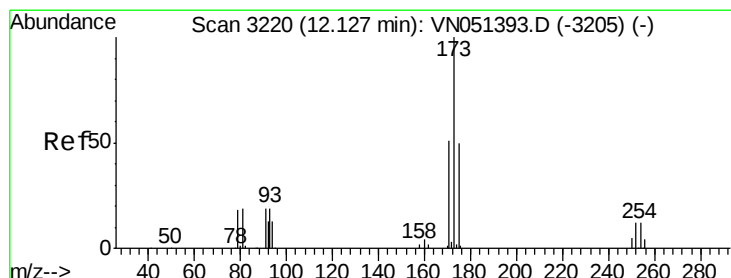
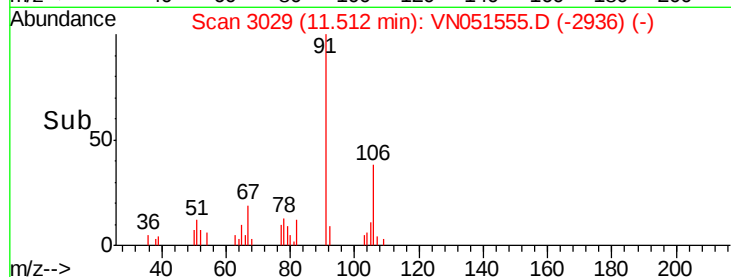
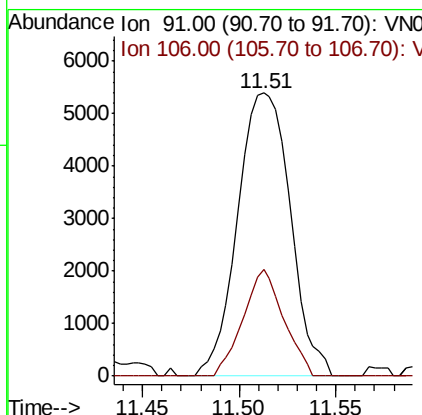
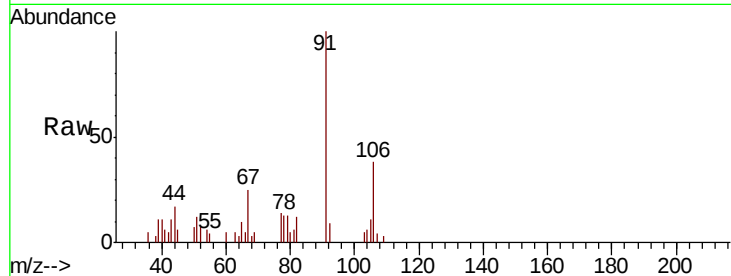




#67
Ethyl Benzene
Concen: 0.276 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN051555.D
Acq: 26 Sep 2018 23:40

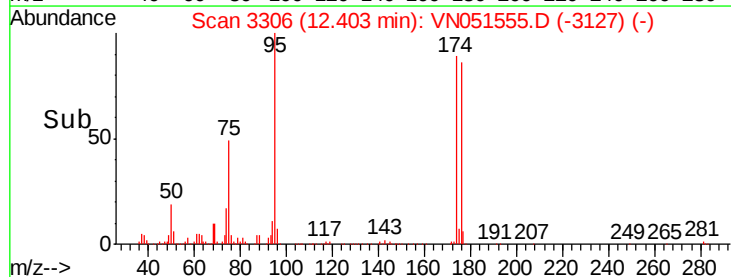
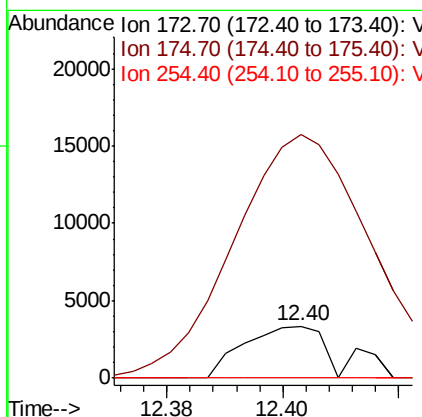
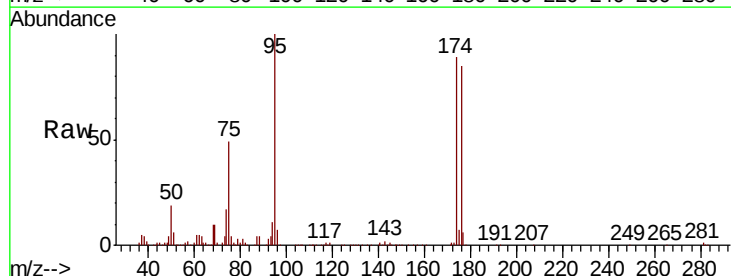
Instrument :
MSVOA_N
ClientSampleId :
CS-RBR-200027

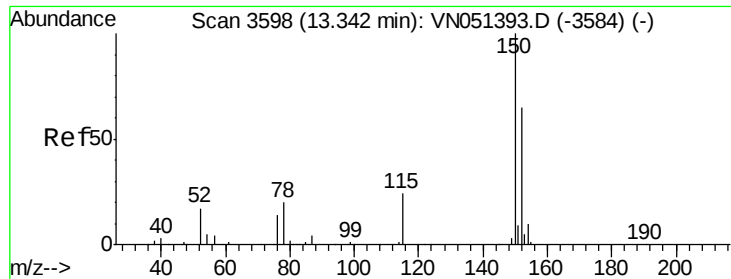
Tot Ion: 91 Resp: 10227
Ion Ratio Lower Upper
91 100
106 37.6 25.0 37.4#



#71
Bromoform
Concen: 0.552 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN051555.D
Acq: 26 Sep 2018 23:40

Tgt Ion: 173 Resp: 3144
Ion Ratio Lower Upper
173 100
175 687.9 24.8 74.3#
254 0.0 0.2 0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051555.D

Acq: 26 Sep 2018 23:40

Instrument :

MSVOA_N

ClientSampleId :

CS-RBR-200027

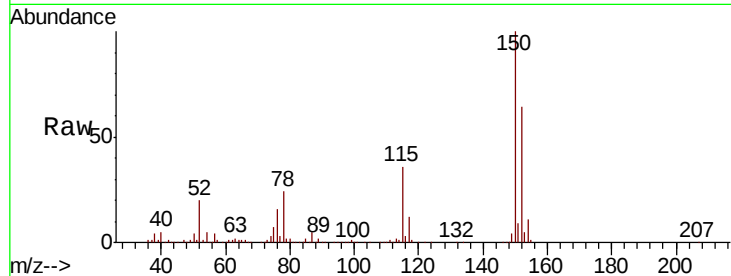
Tot Ion:152 Resp: 338887

Ion Ratio Lower Upper

152 100

115 56.3 28.3 84.9

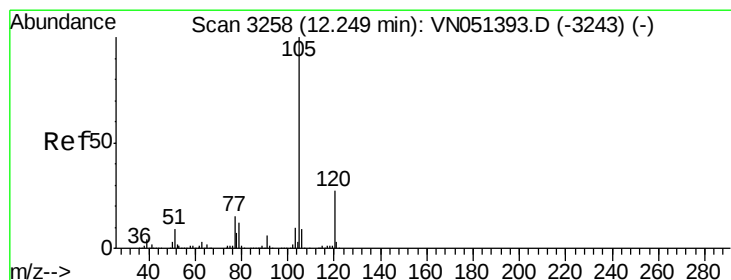
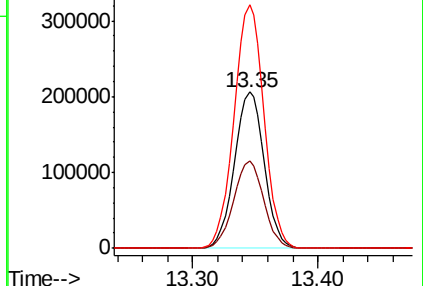
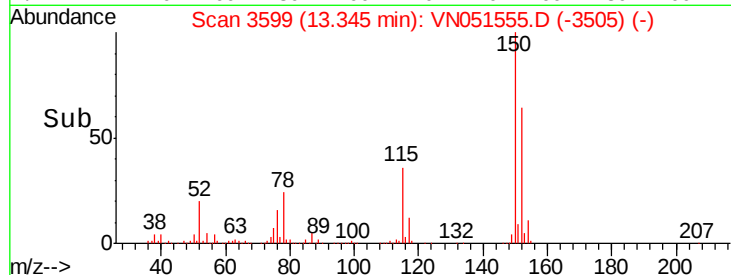
150 156.5 0.0 353.6



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



#73

Isopropylbenzene

Concen: 0.801 ug/l

RT: 12.25 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN051555.D

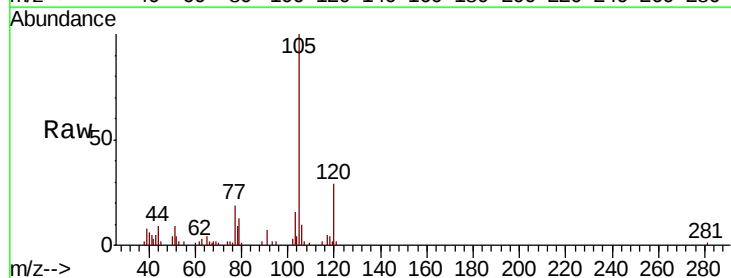
Acq: 26 Sep 2018 23:40

Tgt Ion:105 Resp: 22891

Ion Ratio Lower Upper

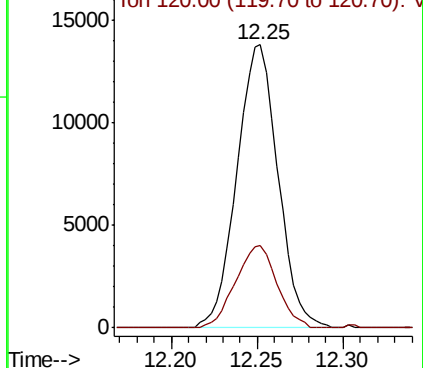
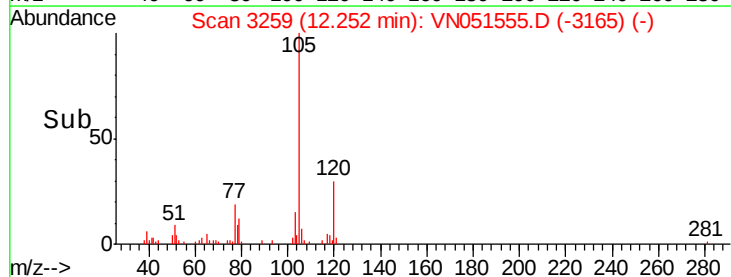
105 100

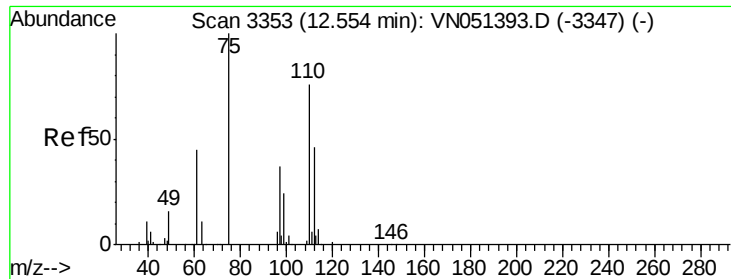
120 29.2 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#76

1,2,3-Trichloropropane

Concen: 35.160 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN051555.D

Acq: 26 Sep 2018 23:40

Instrument :

MSVOA_N

ClientSampleId :

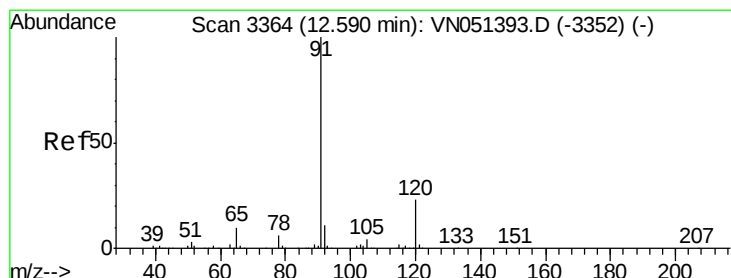
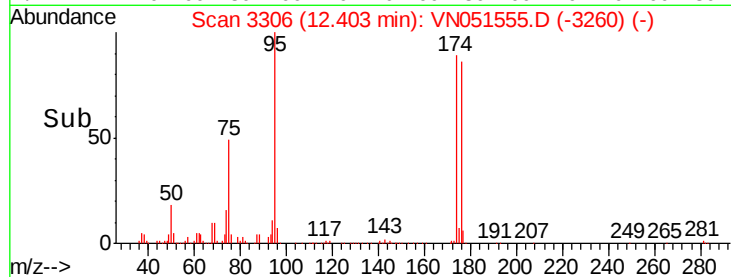
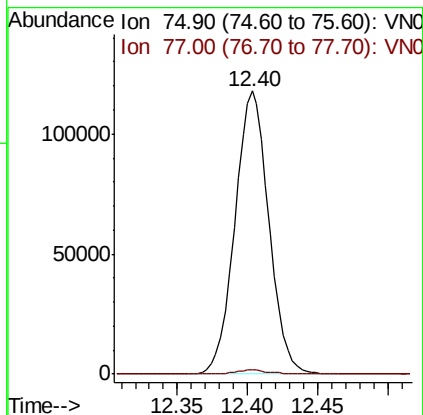
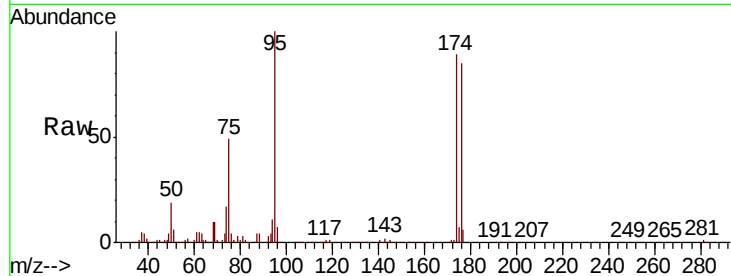
CS-RBR-200027

Tot Ion: 75 Resp: 197802

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#



#78

n-propylbenzene

Concen: 1.311 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN051555.D

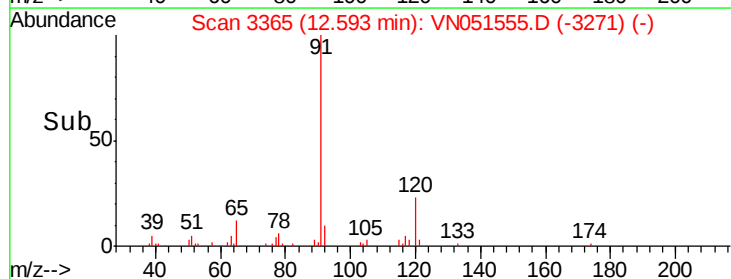
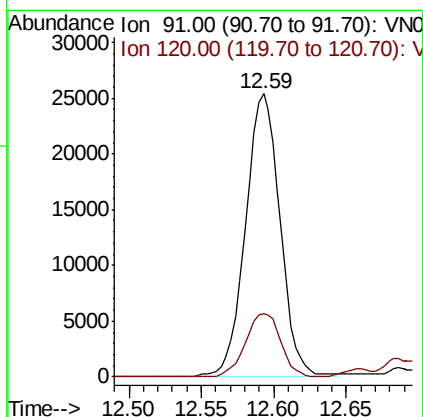
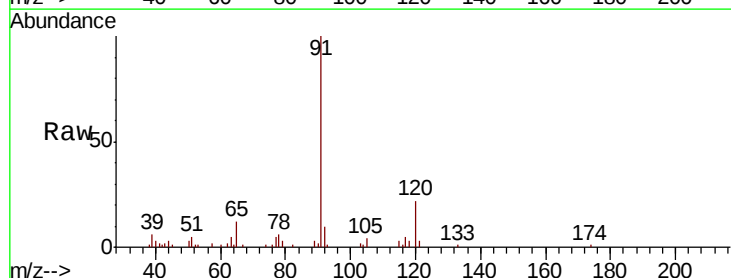
Acq: 26 Sep 2018 23:40

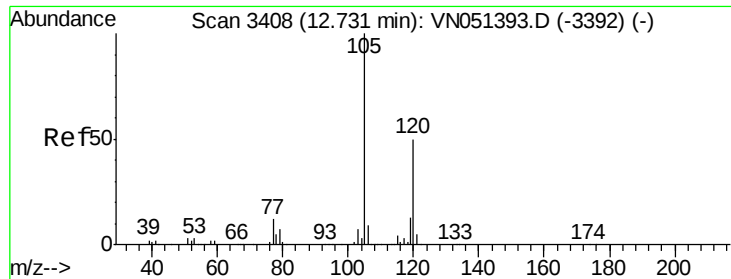
Tgt Ion: 91 Resp: 42238

Ion Ratio Lower Upper

91 100

120 22.6 11.9 35.5





#80

1,3,5-Trimethylbenzene

Concen: 0.465 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN051555.D

Acq: 26 Sep 2018 23:40

Instrument :

MSVOA_N

ClientSampleId :

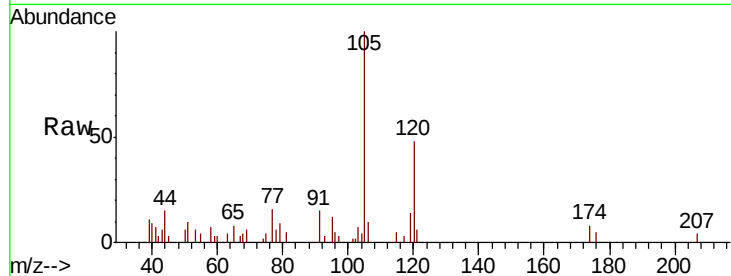
CS-RBR-200027

Tot Ion:105 Resp: 10850

Ion Ratio Lower Upper

105 100

120 48.7 24.8 74.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

8000

6000

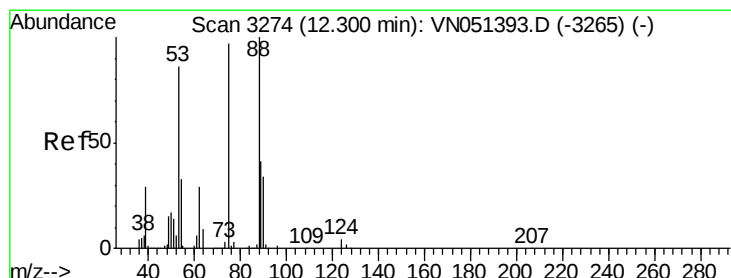
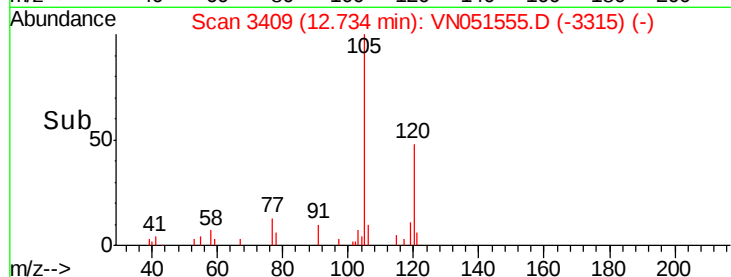
4000

2000

0

12.70 12.73

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 108.115 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN051555.D

Acq: 26 Sep 2018 23:40

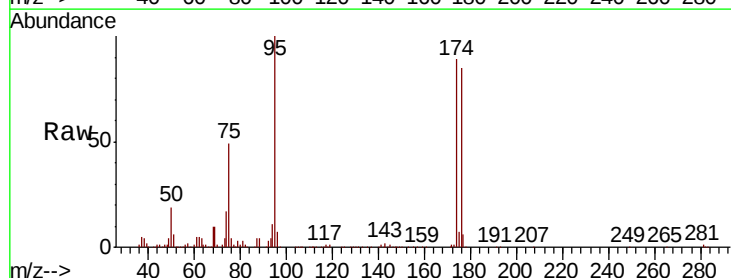
Tgt Ion: 75 Resp: 197802

Ion Ratio Lower Upper

75 100

53 0.4 73.9 110.9#

89 0.0 36.7 55.1#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

150000

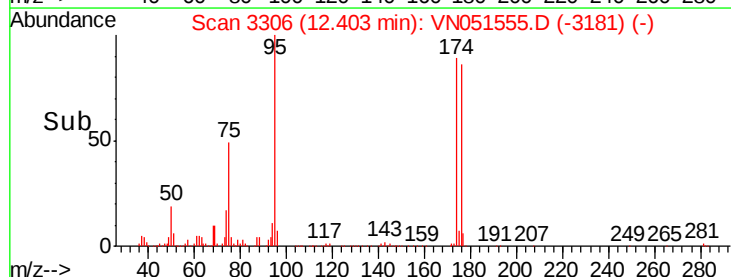
100000

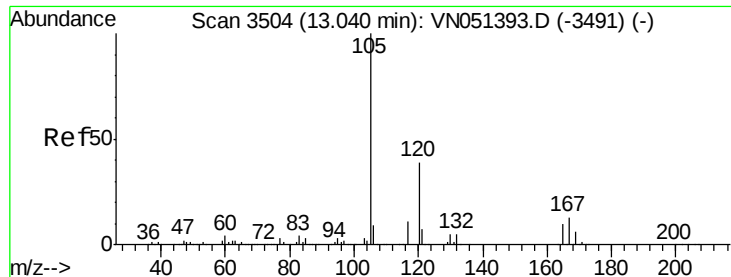
50000

0

12.35 12.40 12.45

Time-->





#84

1,2,4-Trimethylbenzene

Concen: 0.394 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN051555.D

Acq: 26 Sep 2018 23:40

Instrument :

MSVOA_N

ClientSampleId :

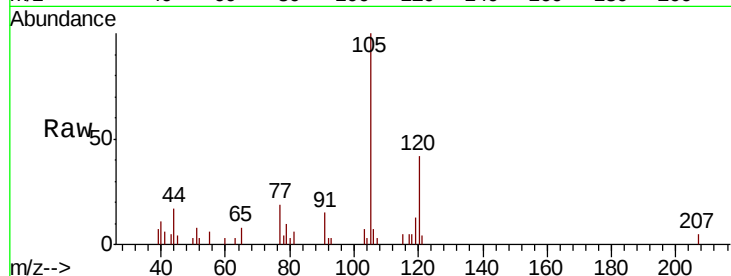
CS-RBR-200027

Tot Ion:105 Resp: 9266

Ion Ratio Lower Upper

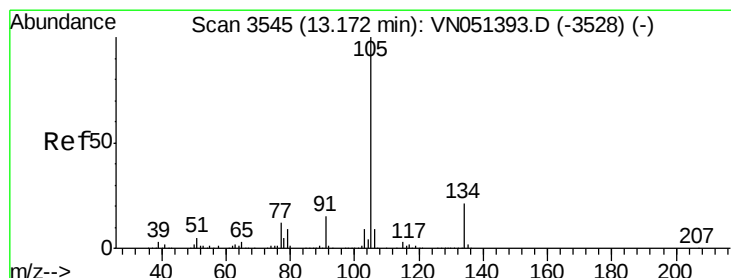
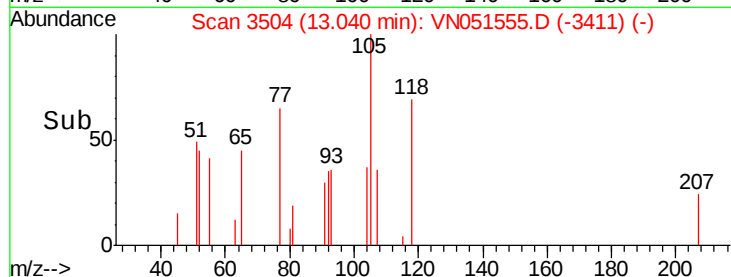
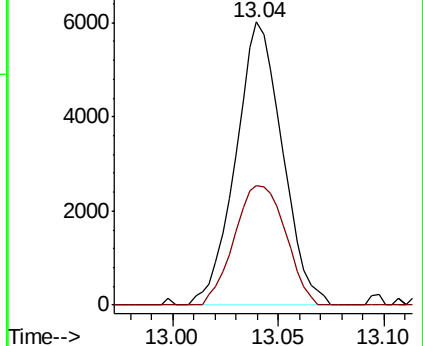
105 100

120 46.2 22.9 68.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 0.472 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN051555.D

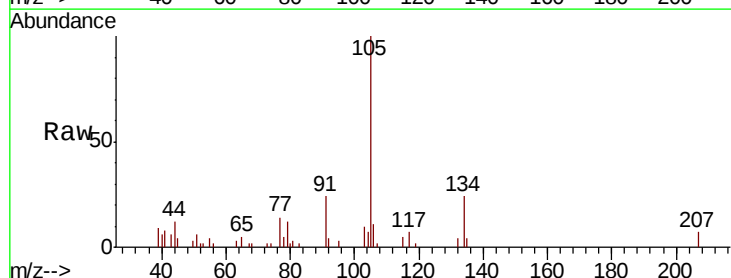
Acq: 26 Sep 2018 23:40

Tgt Ion:105 Resp: 13263

Ion Ratio Lower Upper

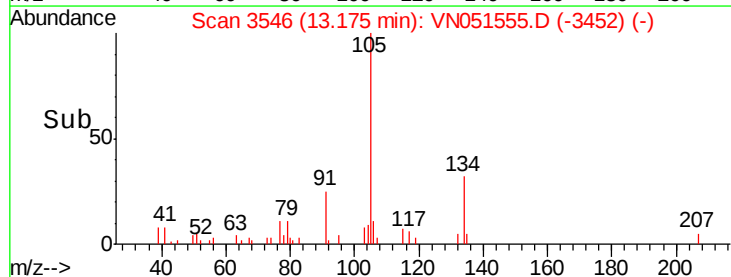
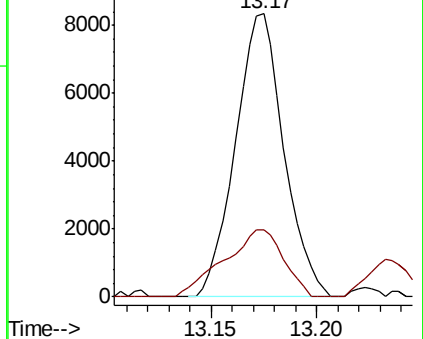
105 100

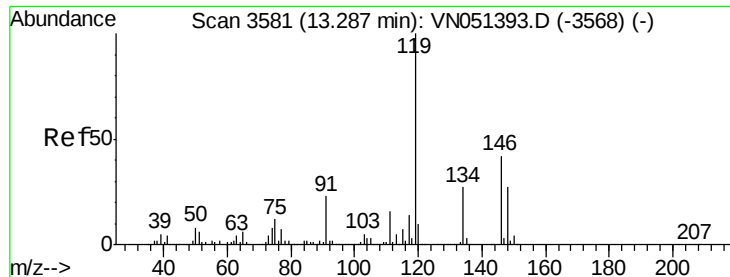
134 29.3 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

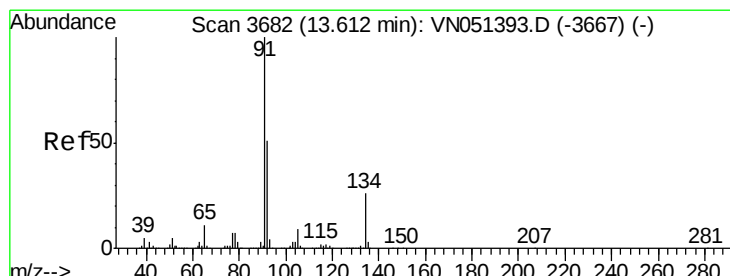
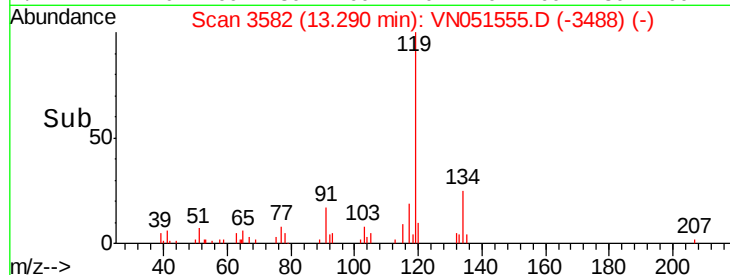
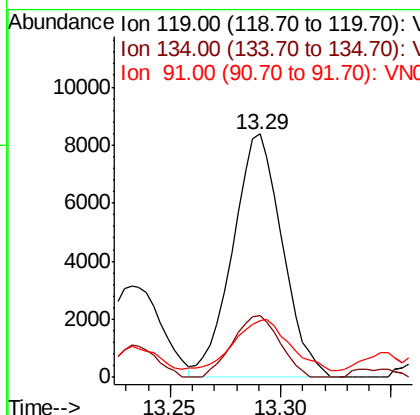
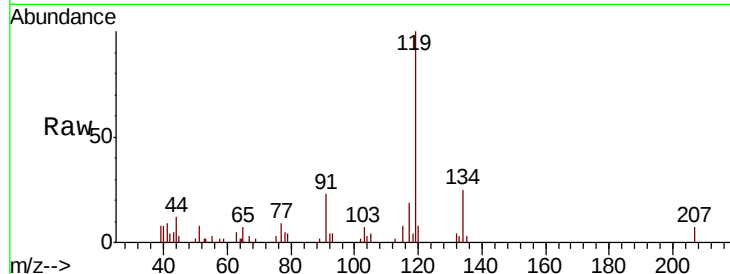




#86
 p-Isopropyltoluene
 Concen: 0.539 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN051555.D
 Acq: 26 Sep 2018 23:40

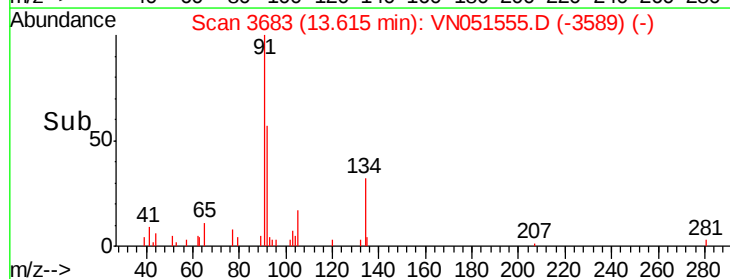
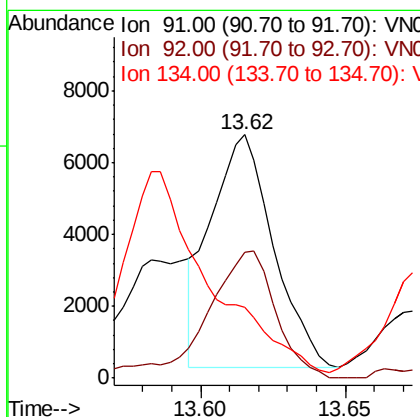
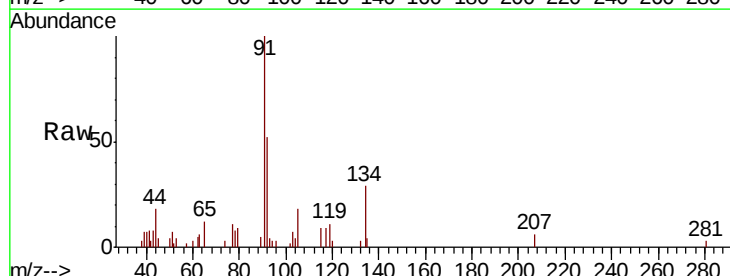
Instrument :
 MSVOA_N
 ClientSampleId :
 CS-RBR-200027

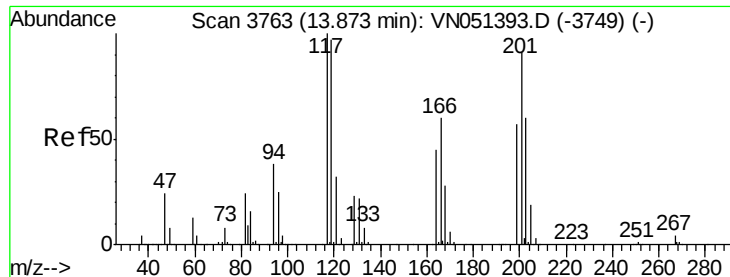
Tot Ion: 119 Resp: 13103
 Ion Ratio Lower Upper
 119 100
 134 24.0 13.3 39.9
 91 23.2 11.4 34.2



#89
 n-Butylbenzene
 Concen: 0.486 ug/l
 RT: 13.62 min Scan# 3683
 Delta R.T. 0.00 min
 Lab File: VN051555.D
 Acq: 26 Sep 2018 23:40

Tgt Ion: 91 Resp: 9708
 Ion Ratio Lower Upper
 91 100
 92 61.0 25.5 76.5
 134 0.0 13.3 39.8#

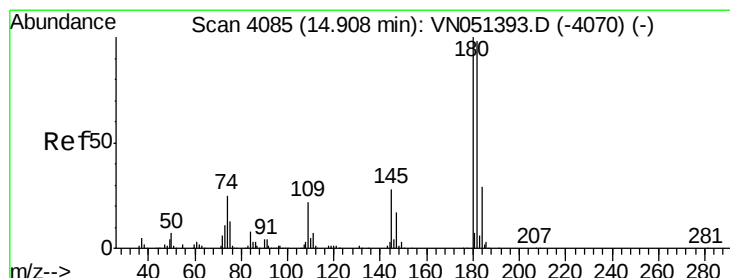
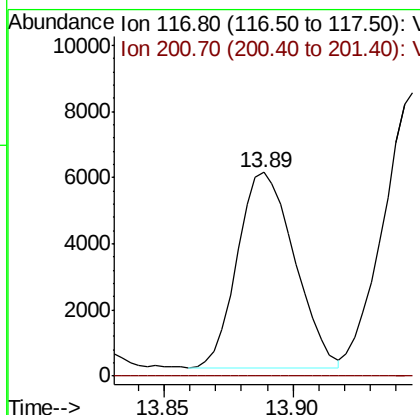
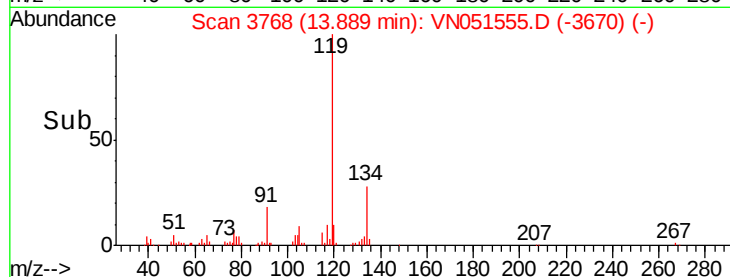
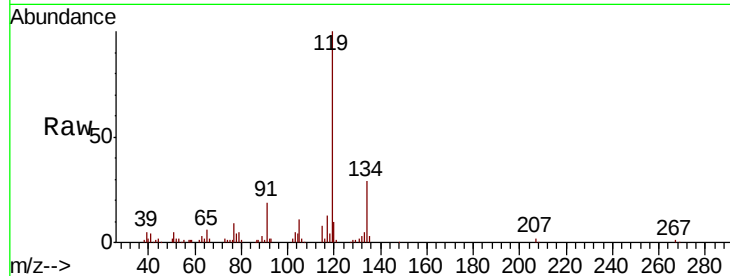




#90
Hexachloroethane
Concen: 1.878 ug/l
RT: 13.89 min Scan# 3768
Delta R.T. 0.02 min
Lab File: VN051555.D
Acq: 26 Sep 2018 23:40

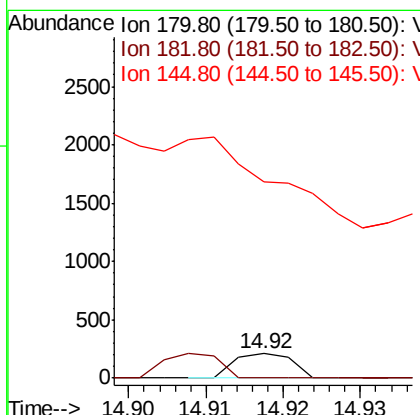
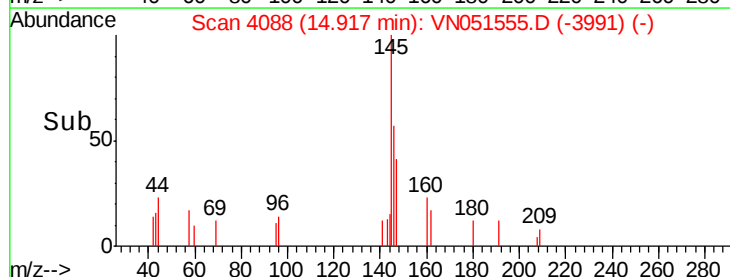
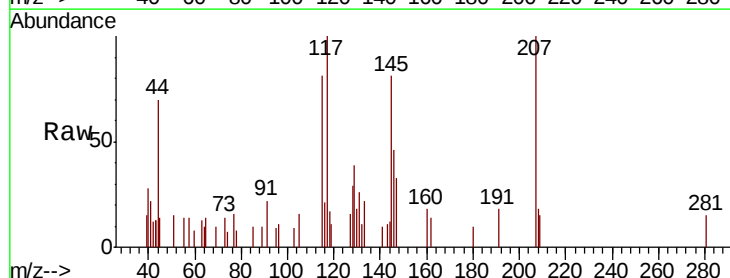
Instrument :
MSVOA_N
ClientSampleId :
CS-RBR-200027

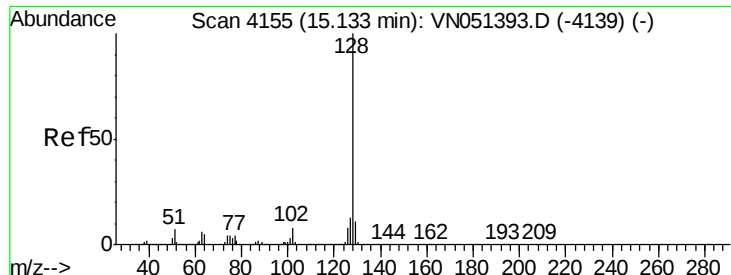
Tot Ion:117 Resp: 9090
Ion Ratio Lower Upper
117 100
201 0.0 45.5 136.4#



#93
1,2,4-Trichlorobenzene
Concen: 5.997 ug/l
RT: 14.92 min Scan# 4088
Delta R.T. 0.01 min
Lab File: VN051555.D
Acq: 26 Sep 2018 23:40

Tgt Ion:180 Resp: 110
Ion Ratio Lower Upper
180 100
182 99.1 48.5 145.6
145 2648.2 14.1 42.4#

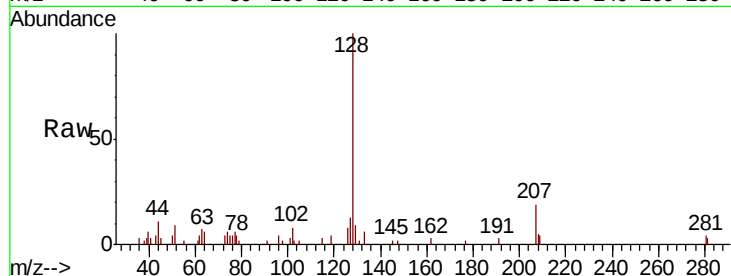




#95
Naphthalene
Concen: 9.195 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN051555.D
Acq: 26 Sep 2018 23:40

Instrument :
MSVOA_N
ClientSampleId :
CS-RBR-200027

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.0	10.5	15.7
129	11.4	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

