

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY012920\
 Data File : VY001420.D
 Acq On : 29 Jan 2020 15:41
 Operator : SY/MD
 Sample : L1296-01
 Misc : 7.21G/5ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR-51

Quant Time: Jan 29 16:18:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:21:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	168000	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	310258	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	279399	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	120535	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.17	65	96077	52.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.12%	
35) Dibromofluoromethane	7.75	113	92302	50.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.38%	
50) Toluene-d8	10.19	98	366924	51.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.72%	
62) 4-Bromofluorobenzene	12.49	95	131832	46.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.58%	

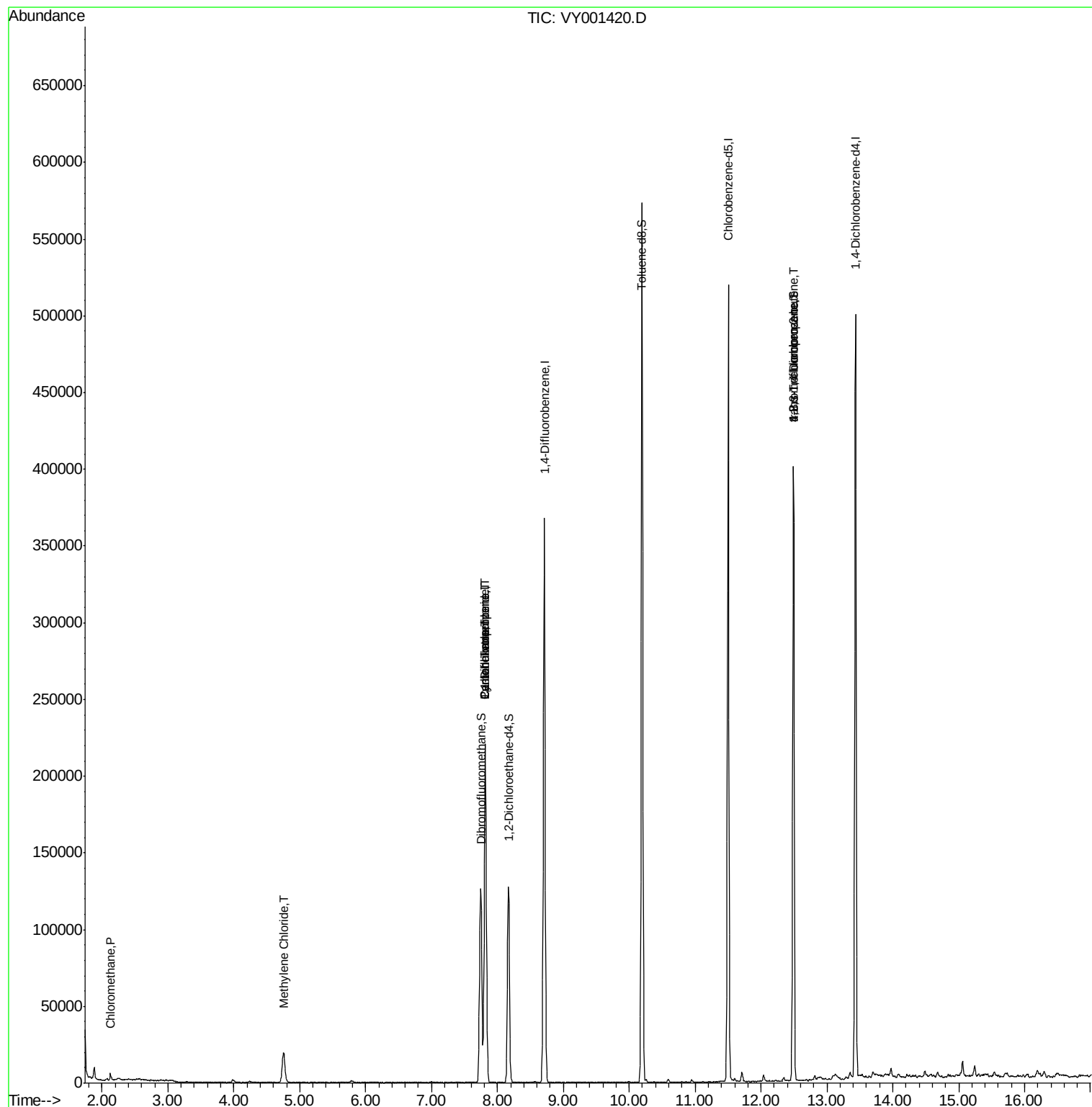
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.13	50	3493	1.74	ug/l	92
11) Tert butyl alcohol	5.00	59	168	Below Cal	#	74
16) Acetone	3.98	43	3444	Below Cal		96
20) Methylene Chloride	4.75	84	14262	2.27	ug/l	97
31) Cyclohexane	7.81	56	3660	1.04	ug/l #	1
36) 1,1-Dichloropropene	7.81	75	13100	4.47	ug/l #	50
38) Carbon Tetrachloride	7.81	117	16581	6.35	ug/l #	16
76) 1,2,3-Trichloropropane	12.49	75	64829	44.63	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	64829	84.47	ug/l #	14

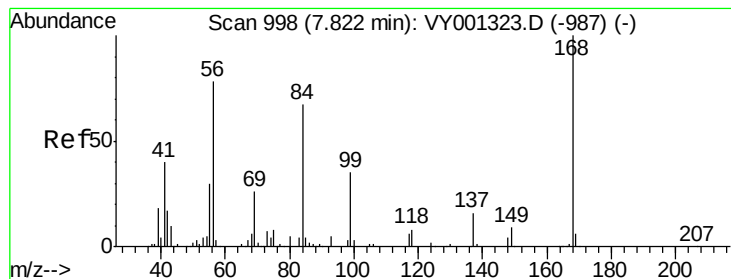
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY012920\
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.81 min Scan# 997

Delta R.T. -0.01 min

Lab File: VY001420.D

Acq: 29 Jan 2020 15:41

Instrument :

MSVOA_Y

ClientSampled :

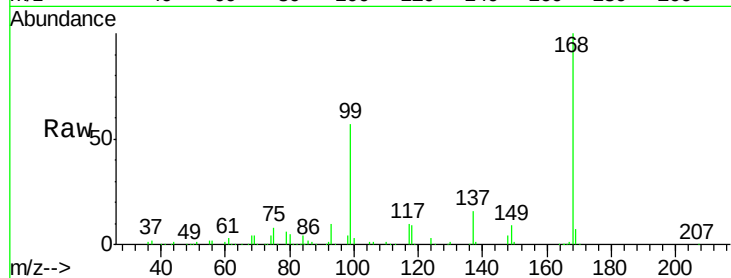
RBR-51

Tgt Ion: 168 Resp: 168000

Ion Ratio Lower Upper

168 100

99 56.6 44.3 66.5



Abundance Ion 167.90 (167.60 to 168.60): VY001323.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY001323.D (-987) (-)

7.81

80000

60000

40000

20000

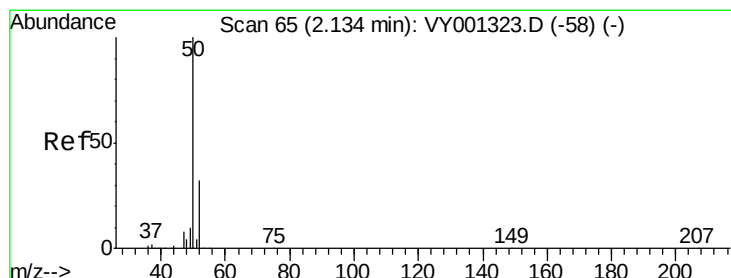
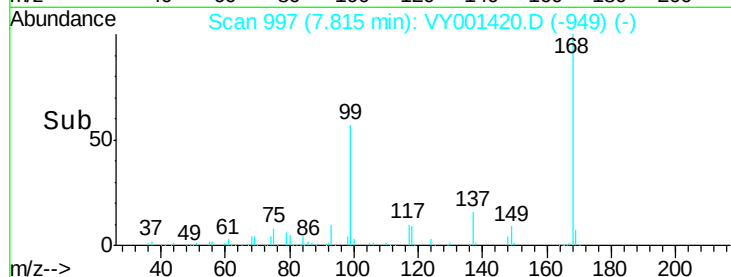
0

7.70

7.80

7.90

Time-->



#3

Chloromethane

Concen: 1.74 ug/l

RT: 2.13 min Scan# 64

Delta R.T. -0.01 min

Lab File: VY001420.D

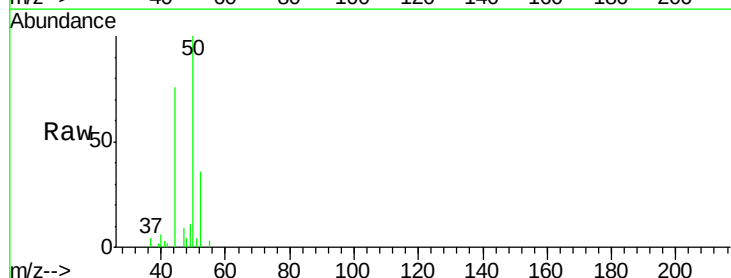
Acq: 29 Jan 2020 15:41

Tgt Ion: 50 Resp: 3493

Ion Ratio Lower Upper

50 100

52 36.4 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VY001323.D (-58) (-)

Ion 51.90 (51.60 to 52.60): VY001323.D (-58) (-)

2.13

2500

2000

1500

1000

500

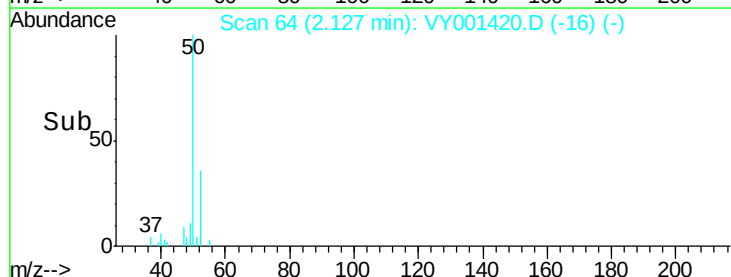
0

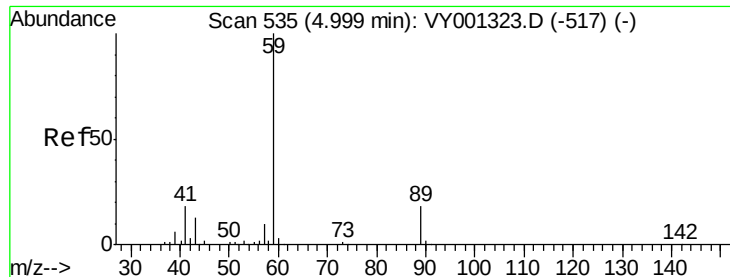
2.10

2.15

2.20

Time-->

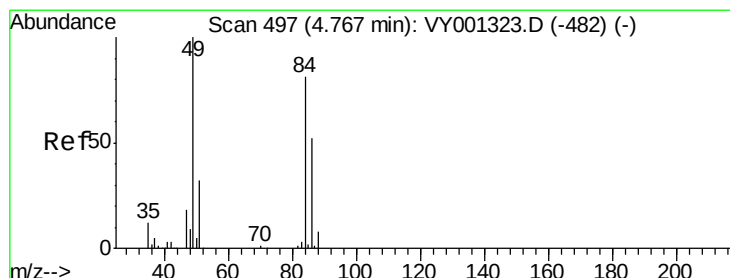
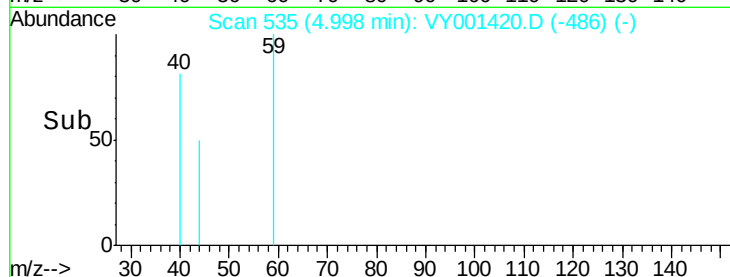
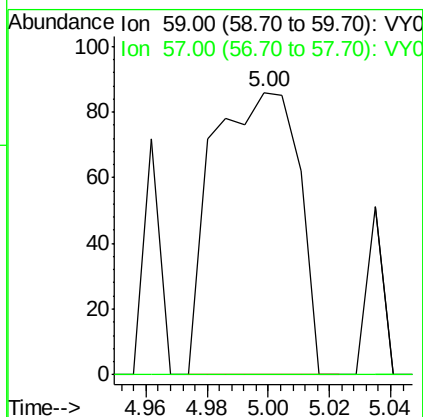
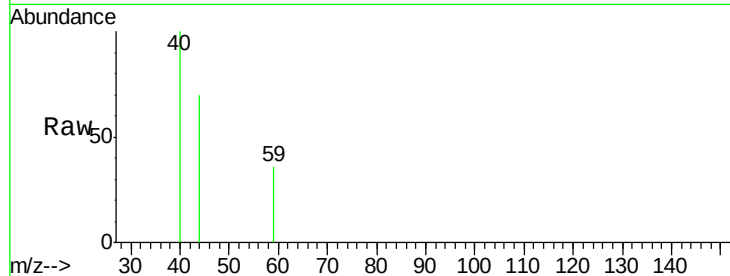




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.00 min Scan# 535
Delta R.T. -0.00 min
Lab File: VY001420.D
Acq: 29 Jan 2020 15:41

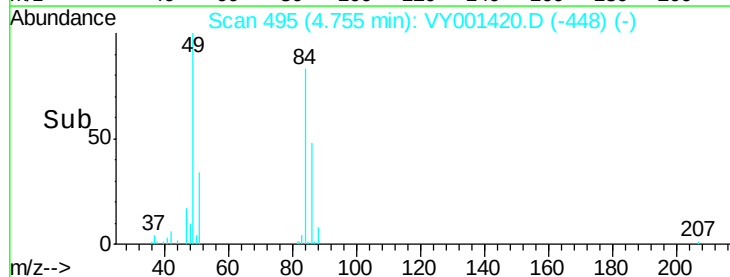
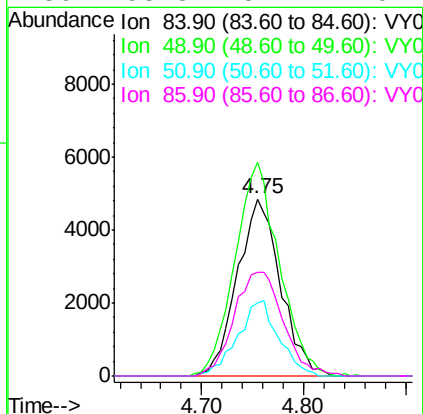
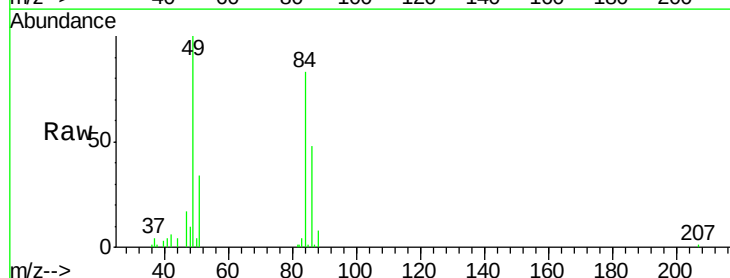
Instrument :
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RBR-51

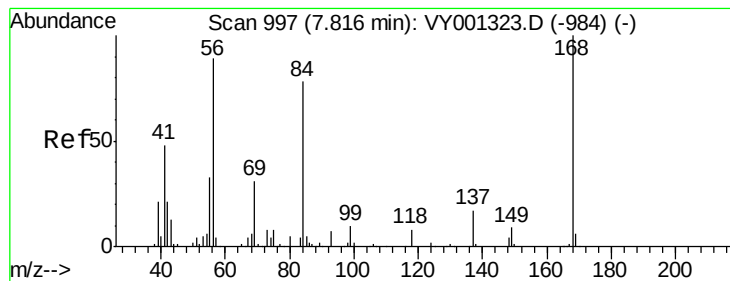
Tgt Ion: 59 Resp: 168
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



#20
Methylene Chloride
Concen: 2.27 ug/l
RT: 4.75 min Scan# 495
Delta R.T. -0.01 min
Lab File: VY001420.D
Acq: 29 Jan 2020 15:41

Tgt Ion: 84 Resp: 14262
Ion Ratio Lower Upper
84 100
49 120.8 98.3 147.5
51 41.1 31.6 47.4
86 58.3 51.1 76.7





#31

Cyclohexane

Concen: 1.04 ug/l

RT: 7.81 min Scan# 997

Delta R.T. -0.00 min

Lab File: VY001420.D

Acq: 29 Jan 2020 15:41

Instrument :

MSVOA_Y

ClientSampled :

RBR-51

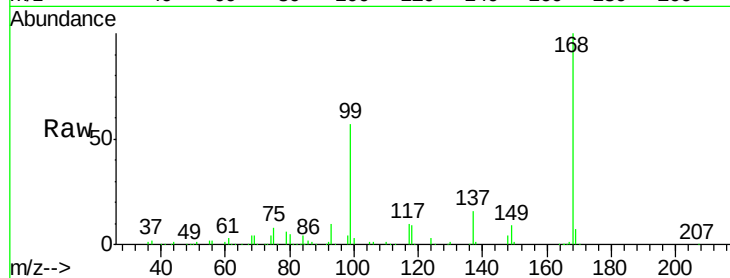
Tgt Ion: 56 Resp: 3660

Ion Ratio Lower Upper

56 100

69 170.2 27.6 41.4#

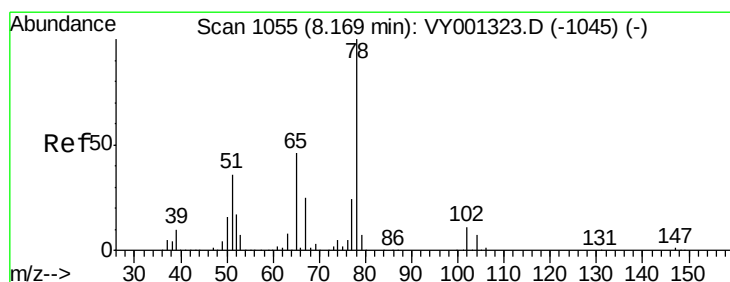
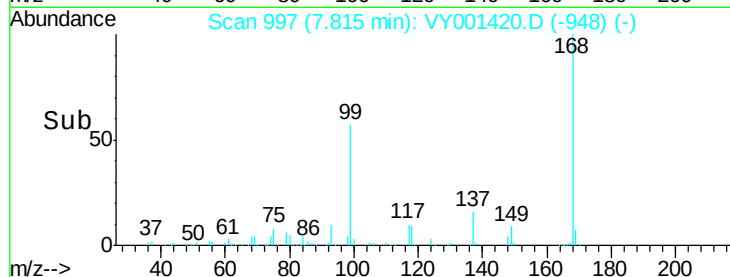
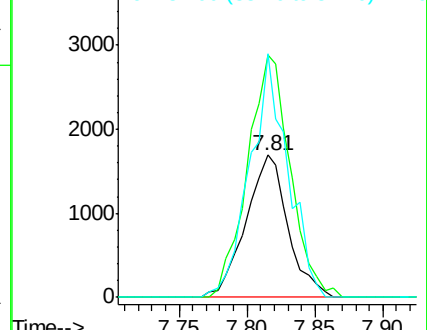
84 171.5 69.7 104.5#



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0



#33

1,2-Dichloroethane-d4

Concen: 52.56 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. -0.00 min

Lab File: VY001420.D

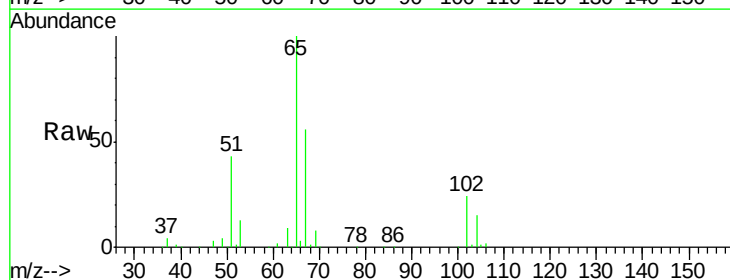
Acq: 29 Jan 2020 15:41

Tgt Ion: 65 Resp: 96077

Ion Ratio Lower Upper

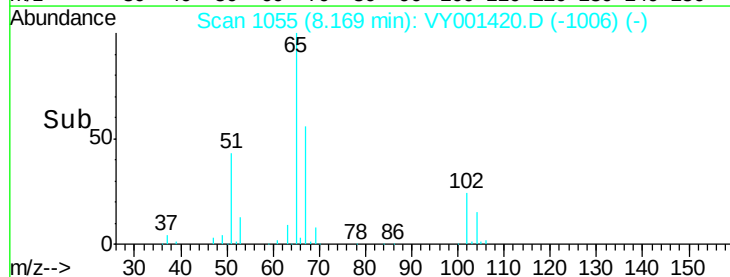
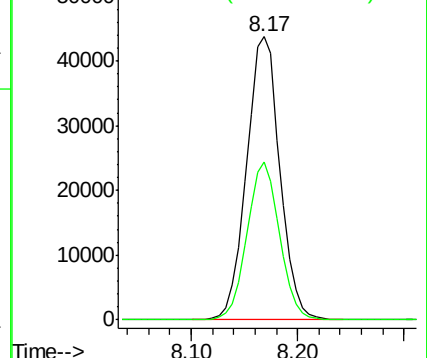
65 100

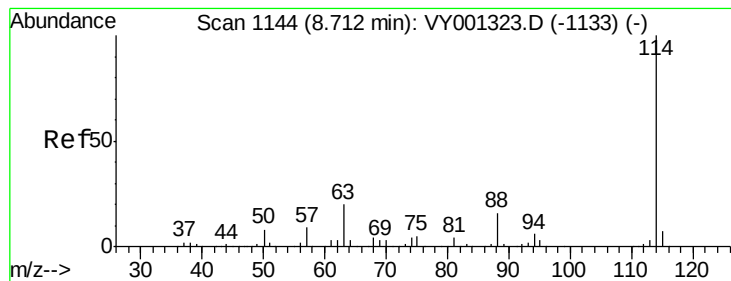
67 54.3 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. -0.00 min

Lab File: VY001420.D

Acq: 29 Jan 2020 15:41

Instrument :

MSVOA_Y

ClientSampleId :

RBR-51

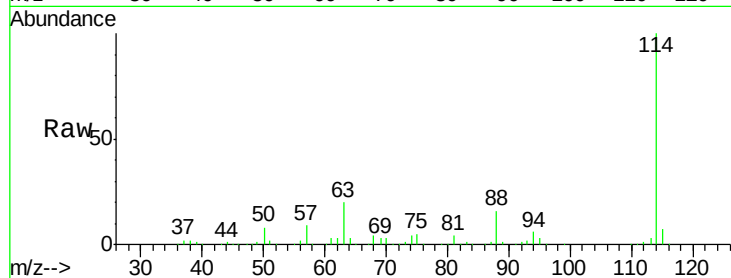
Tgt Ion:114 Resp: 310258

Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.8

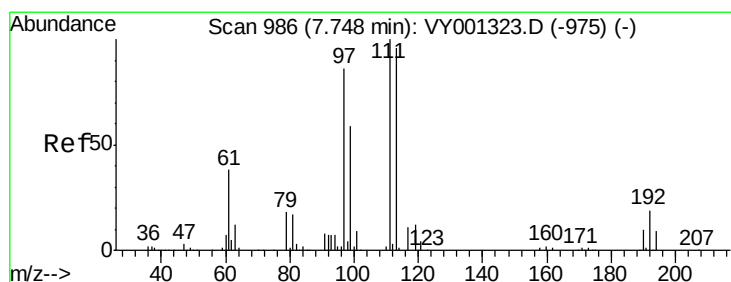
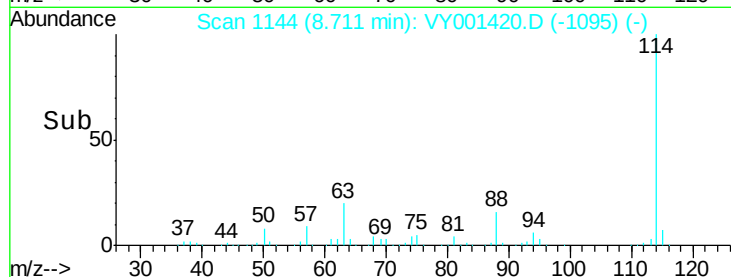
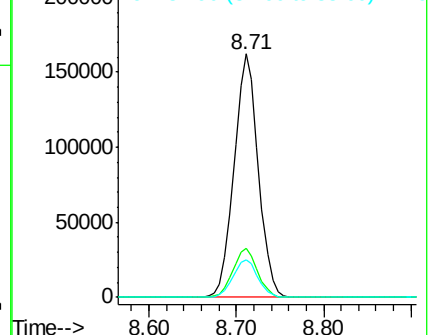
88 15.7 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0



#35

Dibromofluoromethane

Concen: 50.69 ug/l

RT: 7.75 min Scan# 986

Delta R.T. -0.00 min

Lab File: VY001420.D

Acq: 29 Jan 2020 15:41

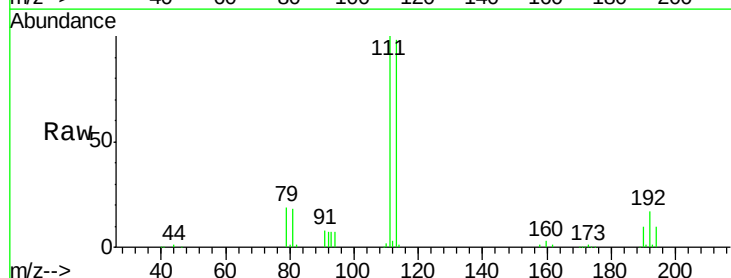
Tgt Ion:113 Resp: 92302

Ion Ratio Lower Upper

113 100

111 101.6 82.8 124.2

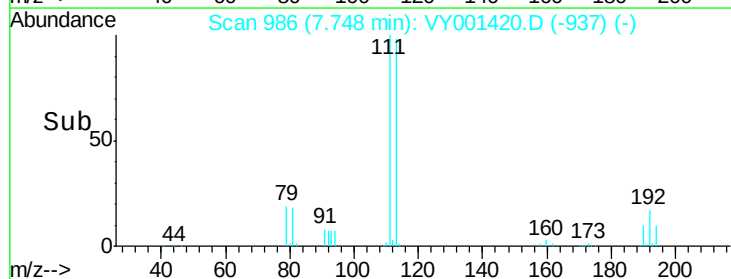
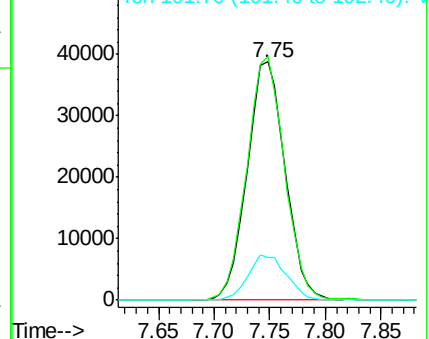
192 19.2 15.5 23.3

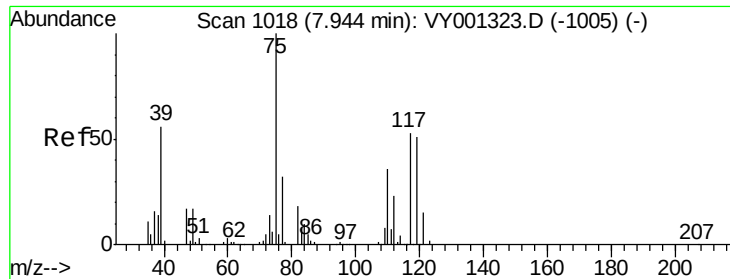


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

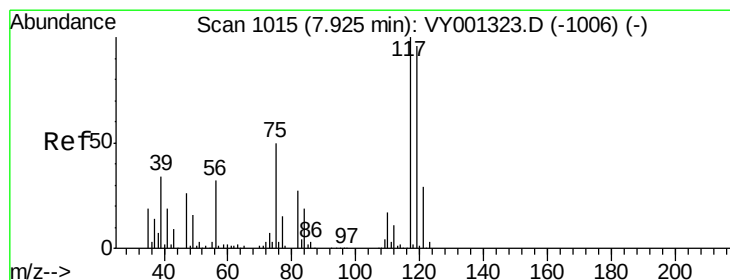
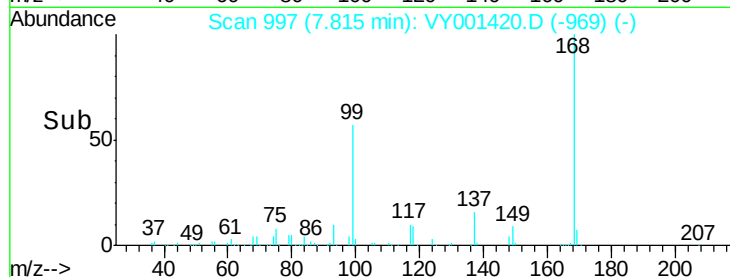
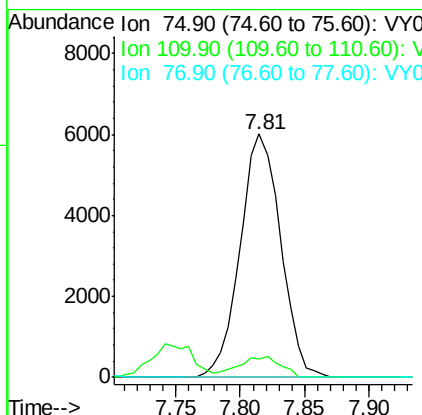
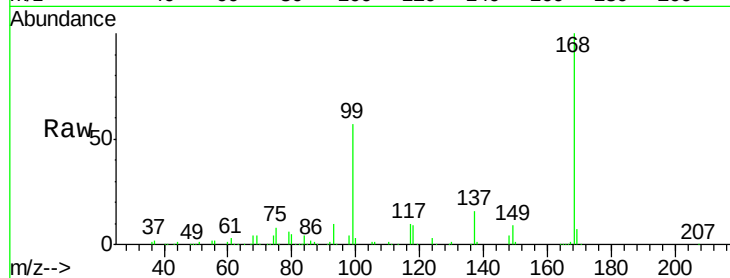




#36
 1,1-Dichloropropene
 Concen: 4.47 ug/l
 RT: 7.81 min Scan# 997
 Delta R.T. -0.13 min
 Lab File: VY001420.D
 Acq: 29 Jan 2020 15:41

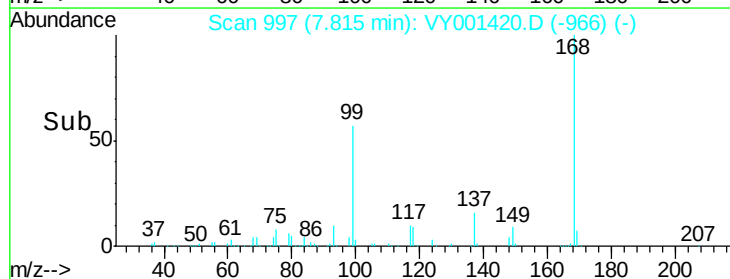
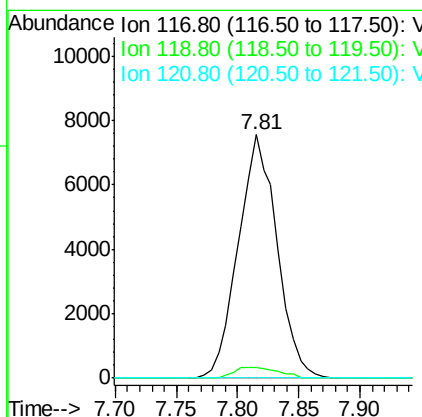
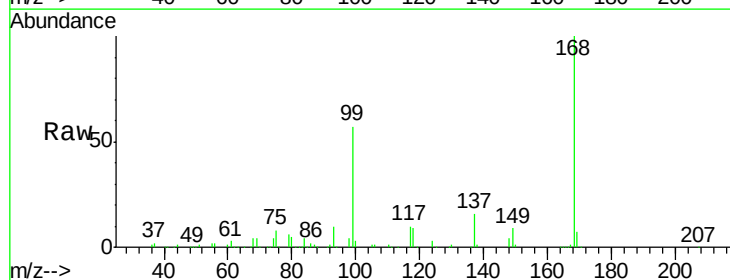
Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR-51

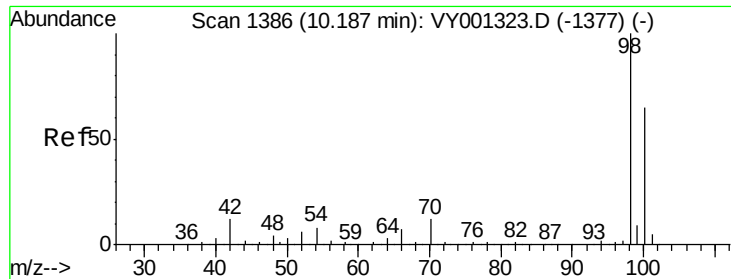
Tgt Ion: 75 Resp: 13100
 Ion Ratio Lower Upper
 75 100
 110 9.0 17.6 52.8#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 6.35 ug/l
 RT: 7.81 min Scan# 997
 Delta R.T. -0.11 min
 Lab File: VY001420.D
 Acq: 29 Jan 2020 15:41

Tgt Ion: 117 Resp: 16581
 Ion Ratio Lower Upper
 117 100
 119 4.4 76.3 114.5#
 121 0.0 23.5 35.3#





#50

Toluene-d8

Concen: 51.86 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY001420.D

Acq: 29 Jan 2020 15:41

Instrument :

MSVOA_Y

ClientSampleId :

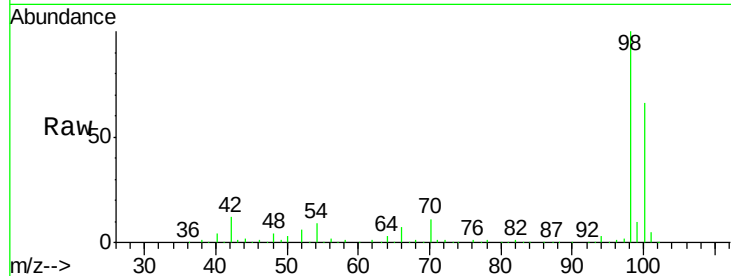
RBR-51

Tgt Ion: 98 Resp: 366924

Ion Ratio Lower Upper

98 100

100 65.7 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VY001323.D (-1377) (-)

Ion 100.00 (99.70 to 100.70): VY001323.D (-1377) (-)

250000

200000

150000

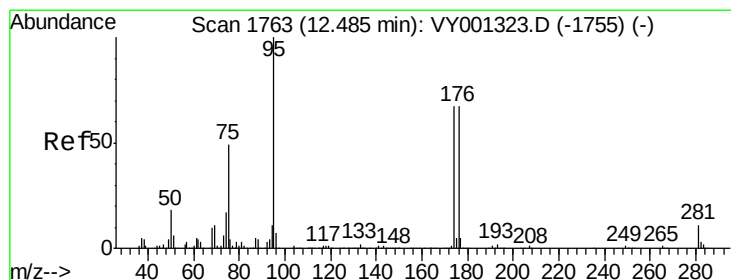
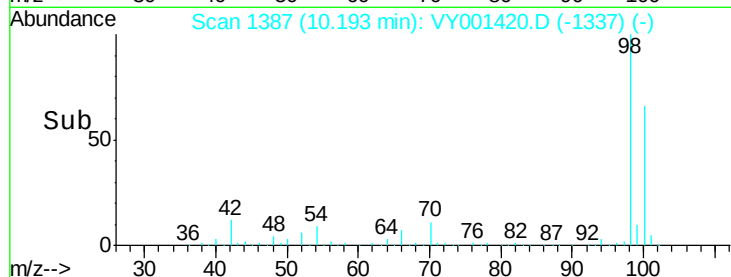
100000

50000

0

10.10 10.20 10.30

Time-->



#62

4-Bromofluorobenzene

Concen: 46.79 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY001420.D

Acq: 29 Jan 2020 15:41

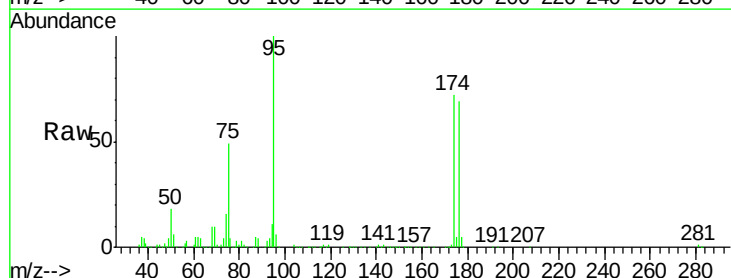
Tgt Ion: 95 Resp: 131832

Ion Ratio Lower Upper

95 100

174 74.3 0.0 142.0

176 71.4 0.0 138.6



Abundance Ion 94.90 (94.60 to 95.60): VY001323.D (-1755) (-)

Ion 173.80 (173.50 to 174.50): VY001323.D (-1755) (-)

Ion 175.80 (175.50 to 176.50): VY001323.D (-1755) (-)

120000

100000

80000

60000

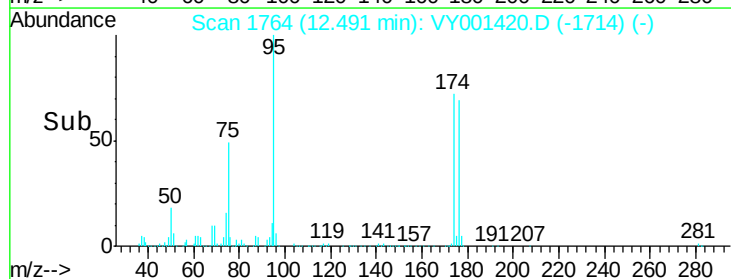
40000

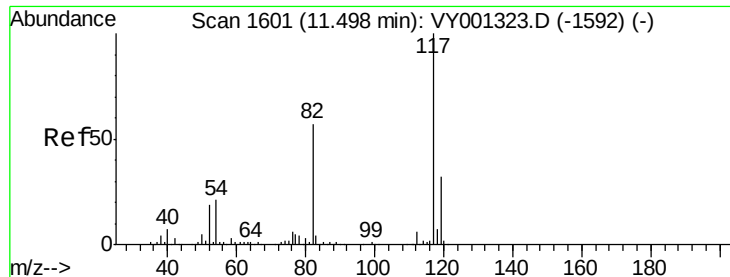
20000

0

12.40 12.50 12.60

Time-->

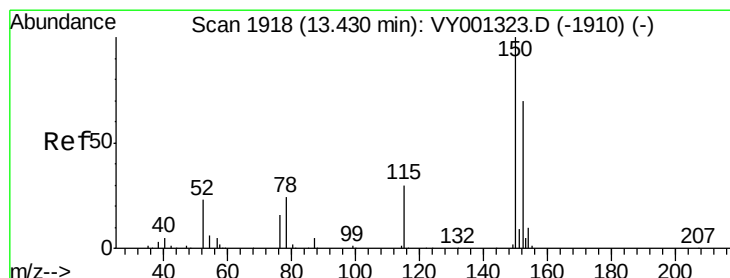
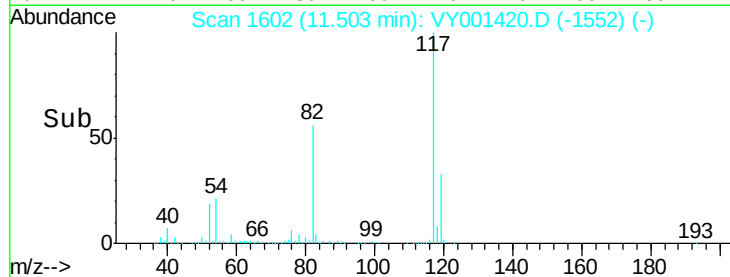
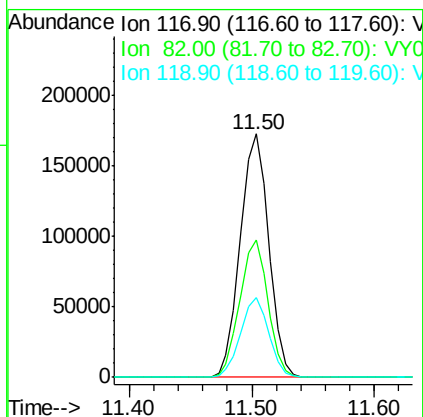
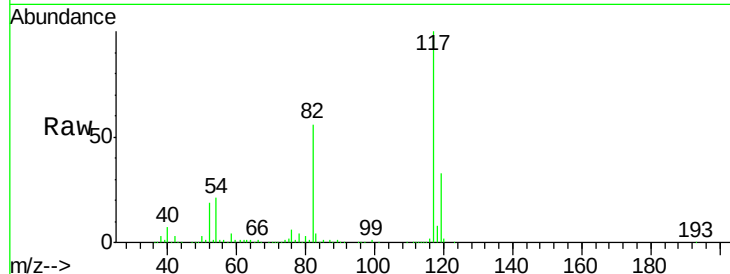




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY001420.D
Acq: 29 Jan 2020 15:41

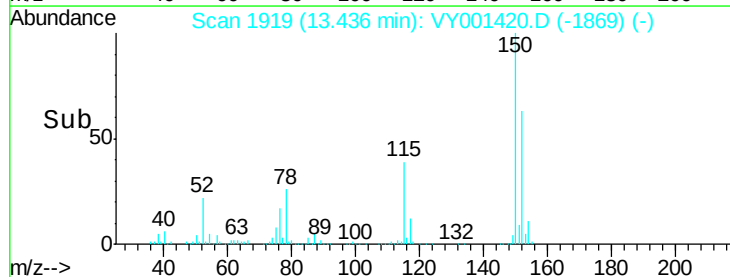
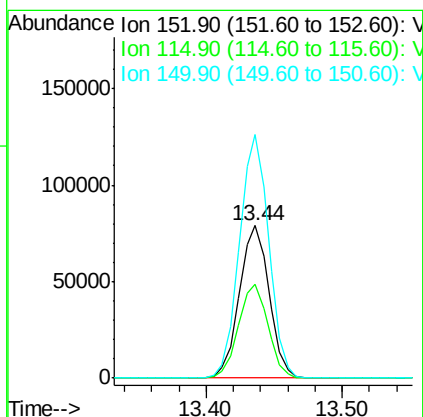
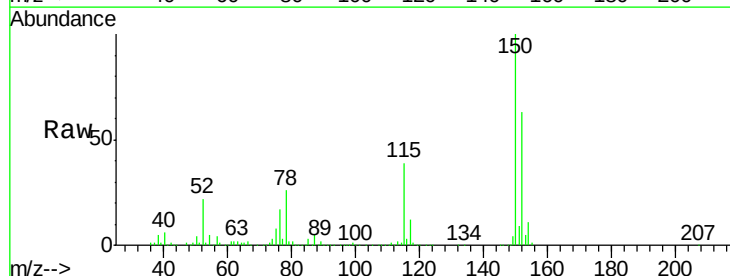
Instrument :
MSVOA_Y
ClientSampleId :
RBR-51

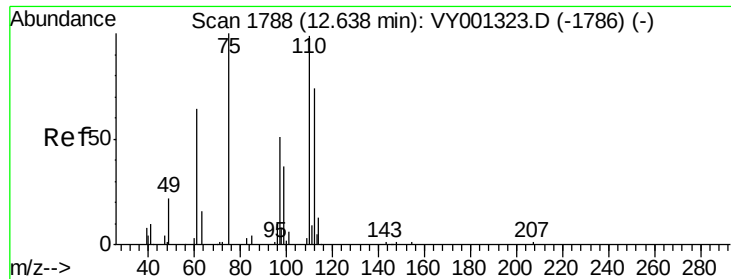
Tgt Ion:117 Resp: 279399
Ion Ratio Lower Upper
117 100
82 56.3 45.5 68.3
119 32.6 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY001420.D
Acq: 29 Jan 2020 15:41

Tgt Ion:152 Resp: 120535
Ion Ratio Lower Upper
152 100
115 61.2 30.9 92.8
150 157.5 0.0 349.2





#76

1,2,3-Trichloropropane

Concen: 44.63 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.15 min

Lab File: VY001420.D

Acq: 29 Jan 2020 15:41

Instrument :

MSVOA_Y

ClientSampleId :

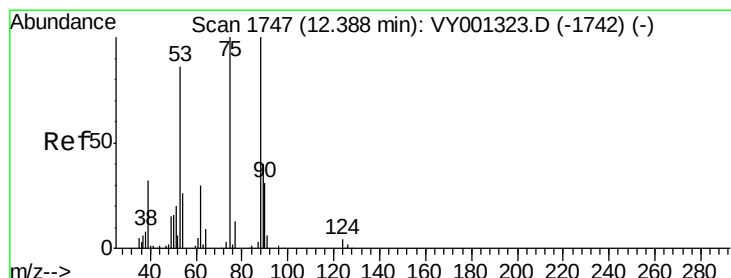
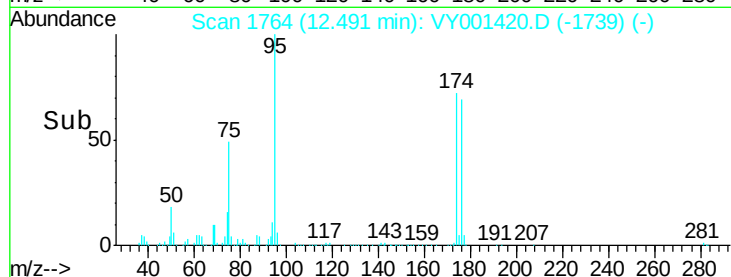
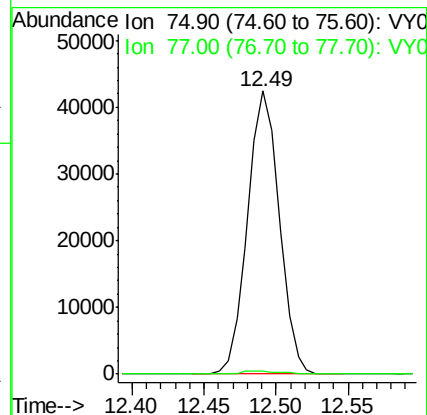
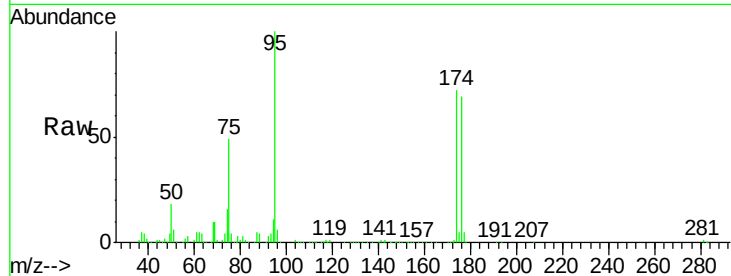
RBR-51

Tgt Ion: 75 Resp: 64829

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 84.47 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.10 min

Lab File: VY001420.D

Acq: 29 Jan 2020 15:41

Tgt Ion: 75 Resp: 64829

Ion Ratio Lower Upper

75 100

53 0.0 69.9 104.9#

89 0.0 36.6 54.8#

