

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY011320\
 Data File : VY001175.D
 Acq On : 13 Jan 2020 13:05
 Operator : SY/MD
 Sample : L1046-02RE
 Misc : 6.29G/5ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CIY1-SB-104-0-2

Quant Time: Jan 14 10:11:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 10 16:01:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	104365	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	179622	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	151100	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	65288	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	50741	46.03	ug/l	0.00
Spiked Amount			Recovery	=	92.06%	
35) Dibromofluoromethane	7.73	113	51437	48.91	ug/l	0.00
Spiked Amount			Recovery	=	97.82%	
50) Toluene-d8	10.18	98	208507	51.45	ug/l	0.00
Spiked Amount			Recovery	=	102.90%	
62) 4-Bromofluorobenzene	12.48	95	68848	41.56	ug/l	0.00
Spiked Amount			Recovery	=	83.12%	

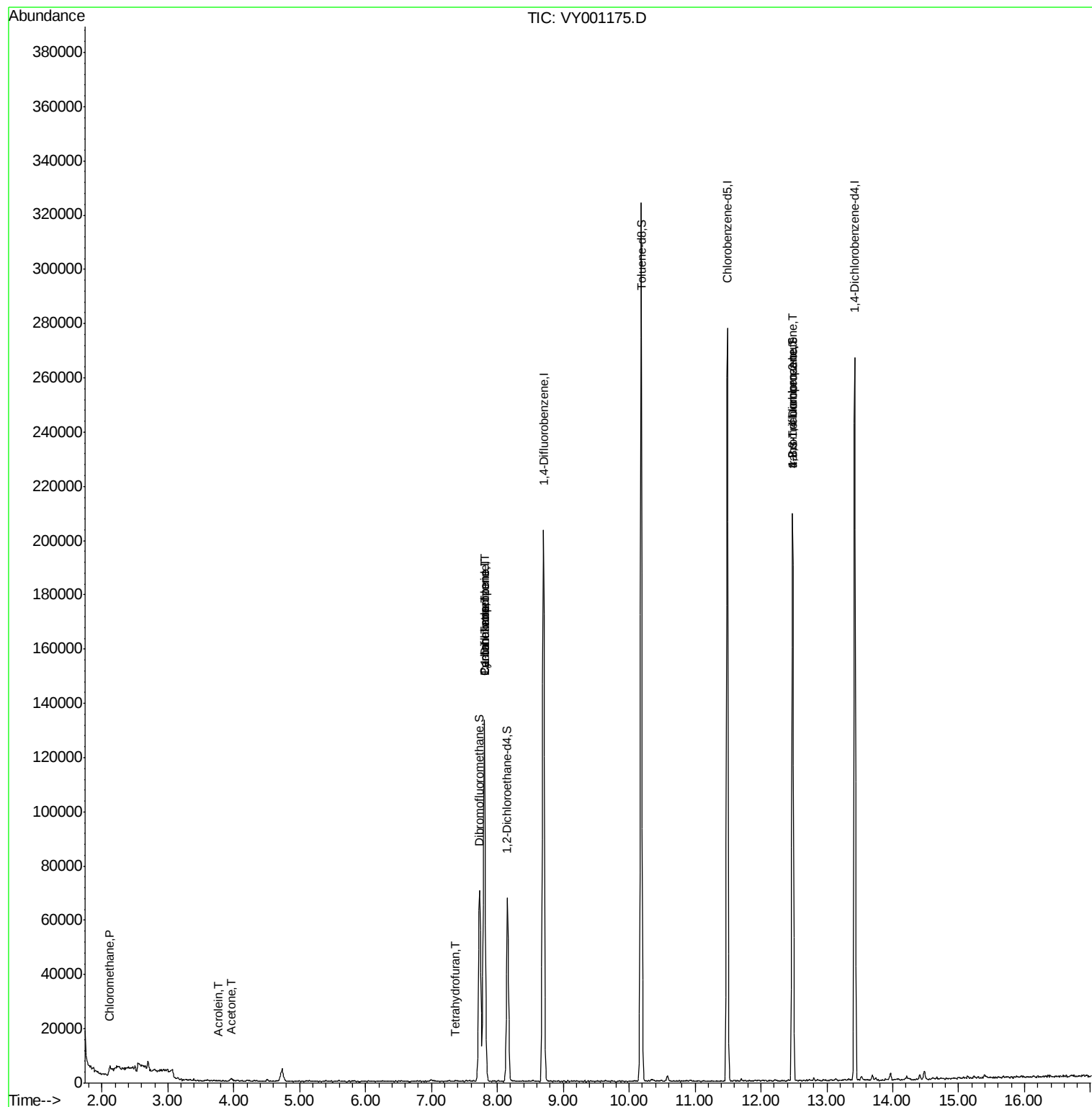
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.12	50	1366	1.182	ug/l #	88
13) Acrolein	3.77	56	170	1.703	ug/l #	37
16) Acetone	3.96	43	1779	6.949	ug/l	99
20) Methylene Chloride	4.73	84	3422	Below Cal		97
29) Tetrahydrofuran	7.36	42	314	1.150	ug/l #	32
31) Cyclohexane	7.80	56	2193	1.029	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	7872	4.808	ug/l #	48
38) Carbon Tetrachloride	7.80	117	9934	6.621	ug/l #	15
76) 1,2,3-Trichloropropane	12.48	75	32591	46.631	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	32591	79.076	ug/l #	6

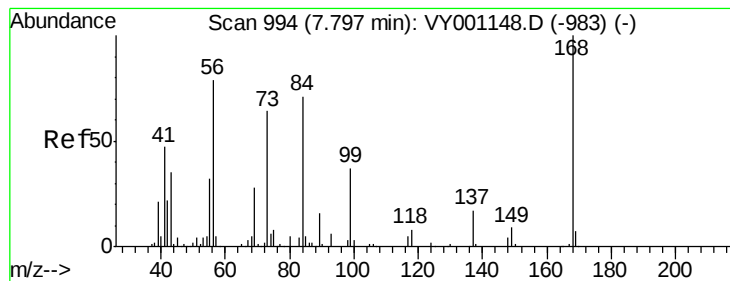
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY011320\
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QLast Update : Fri Jan 10 16:01:58 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: VY001175.D

Acq: 13 Jan 2020 13:05

Instrument :

MSVOA_Y

ClientSampleId :

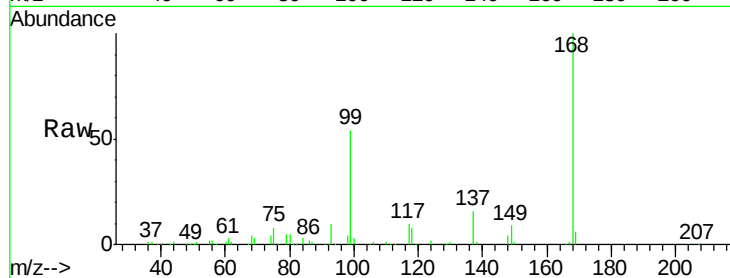
CIY1-SB-104-0-2

Tgt Ion:168 Resp: 104365

Ion Ratio Lower Upper

168 100

99 54.0 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VY001148.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY001148.D (-983) (-)

7.80

50000

40000

30000

20000

10000

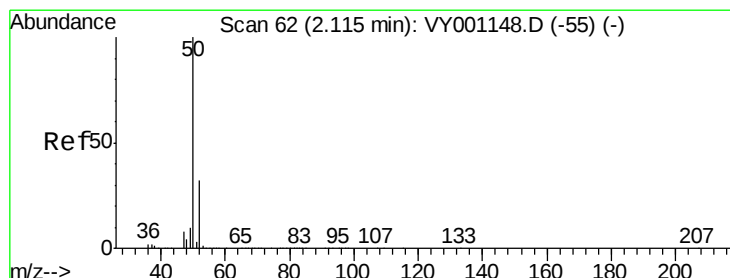
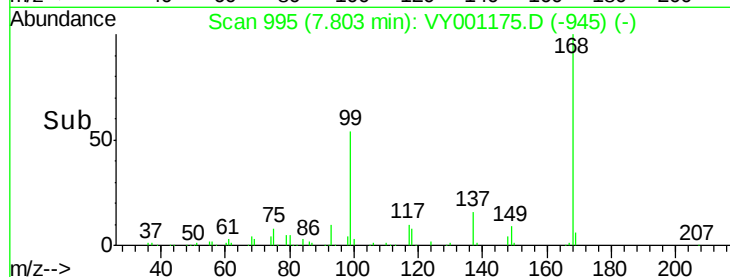
0

7.70

7.80

7.90

Time-->



#3

Chloromethane

Concen: 1.182 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY001175.D

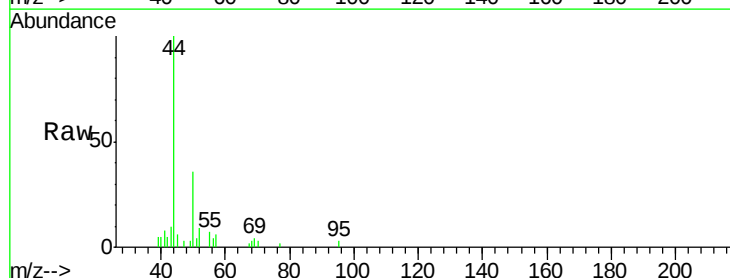
Acq: 13 Jan 2020 13:05

Tgt Ion: 50 Resp: 1366

Ion Ratio Lower Upper

50 100

52 25.5 25.8 38.6#



Abundance Ion 49.90 (49.60 to 50.60): VY001148.D (-55) (-)

Ion 51.90 (51.60 to 52.60): VY001148.D (-55) (-)

2.12

1000

800

600

400

200

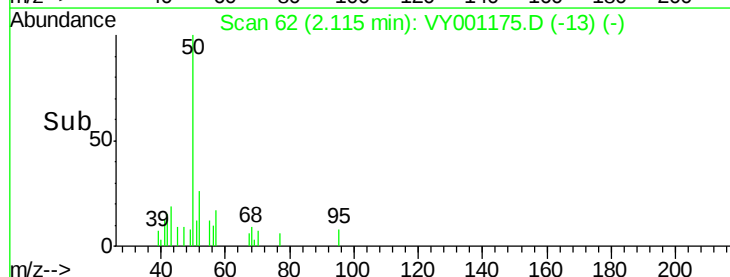
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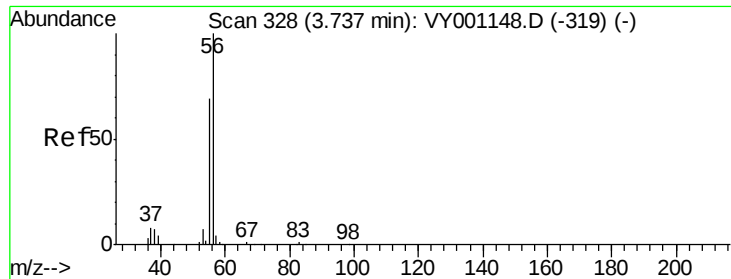
2.05

2.10

2.15

Time-->





#13

Acrolein

Concen: 1.703 ug/l

RT: 3.77 min Scan# 333

Delta R.T. 0.03 min

Lab File: VY001175.D

Acq: 13 Jan 2020 13:05

Instrument :

MSVOA_Y

ClientSampleId :

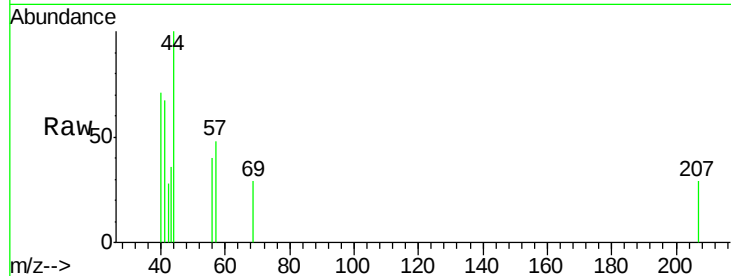
CIY1-SB-104-0-2

Tgt Ion: 56 Resp: 170

Ion Ratio Lower Upper

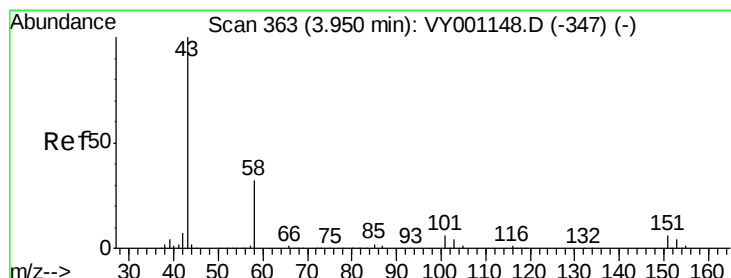
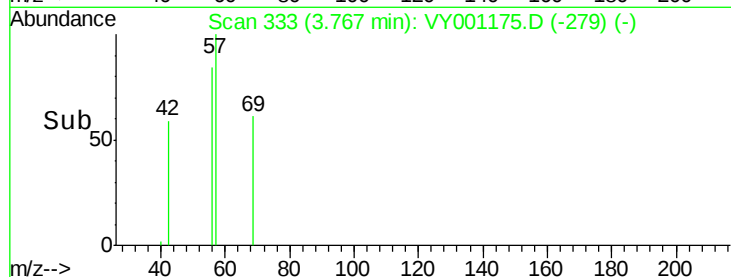
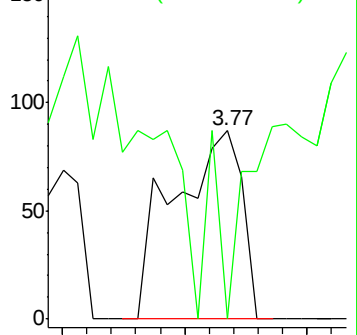
56 100

55 18.8 56.7 85.1#



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#16

Acetone

Concen: 6.949 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.01 min

Lab File: VY001175.D

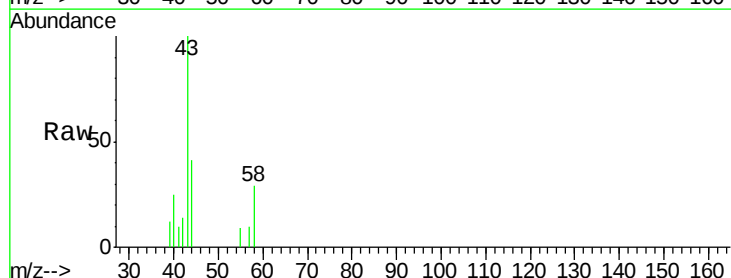
Acq: 13 Jan 2020 13:05

Tgt Ion: 43 Resp: 1779

Ion Ratio Lower Upper

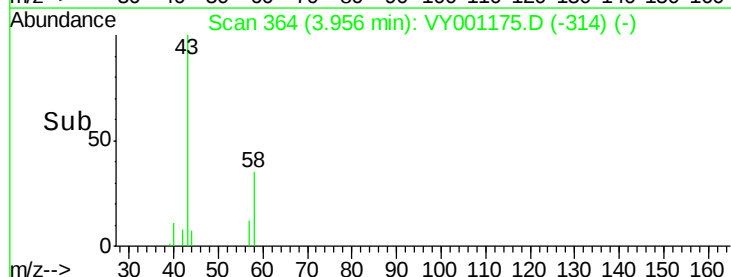
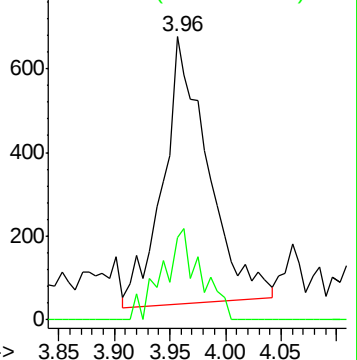
43 100

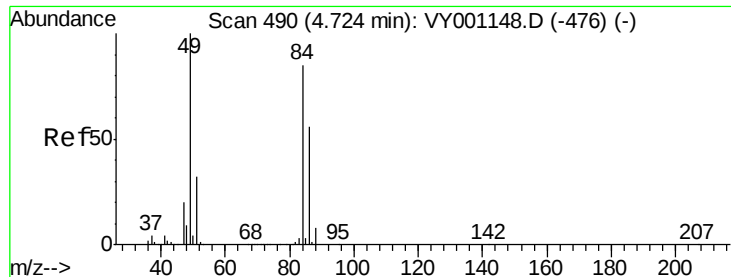
58 31.6 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

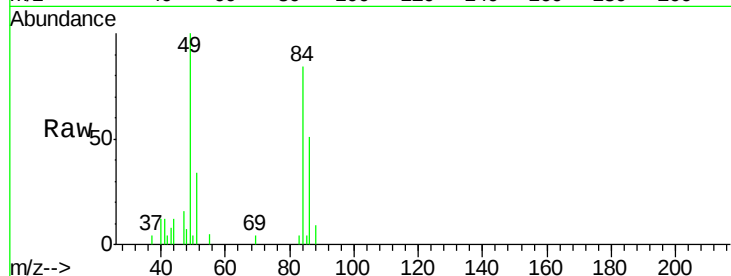




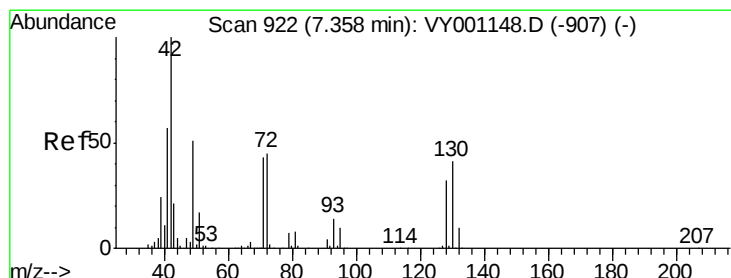
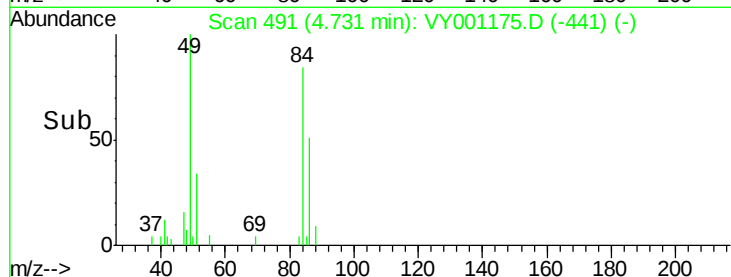
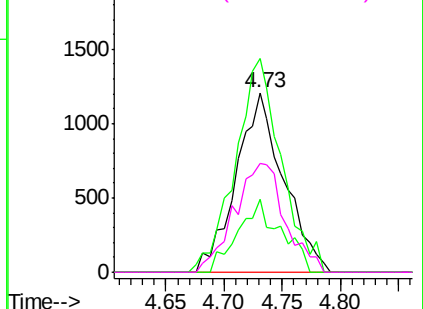
#20
Methylene Chloride
Concen: Below Cal
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY001175.D
Acq: 13 Jan 2020 13:05

Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-104-0-2

Tgt Ion: 84 Resp: 3422
Ion Ratio Lower Upper
84 100
49 118.8 93.8 140.6
51 40.5 29.9 44.9
86 60.7 52.6 78.8

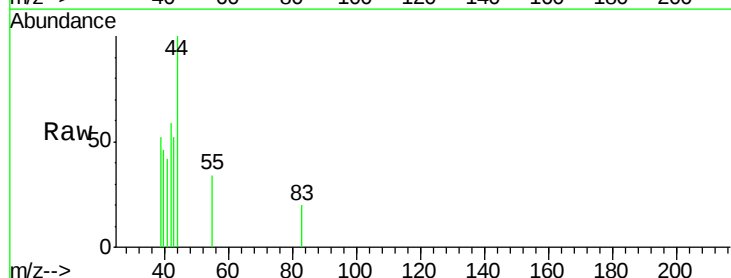


Abundance Ion 83.90 (83.60 to 84.60): VY0
Ion 48.90 (48.60 to 49.60): VY0
Ion 50.90 (50.60 to 51.60): VY0
Ion 85.90 (85.60 to 86.60): VY0

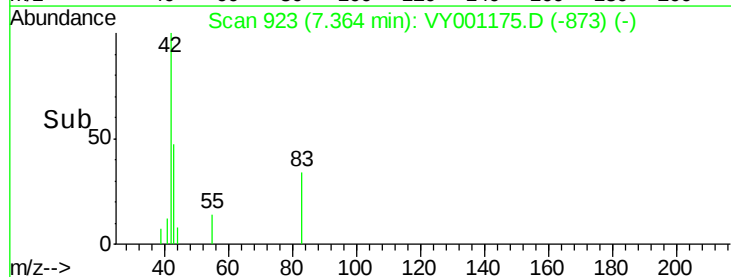
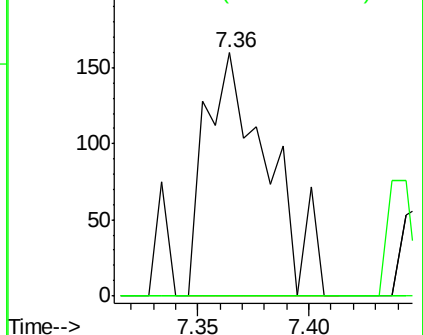


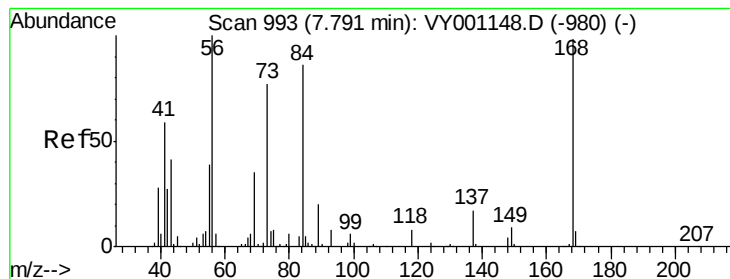
#29
Tetrahydrofuran
Concen: 1.150 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.01 min
Lab File: VY001175.D
Acq: 13 Jan 2020 13:05

Tgt Ion: 42 Resp: 314
Ion Ratio Lower Upper
42 100
72 0.0 36.9 55.3#
71 0.0 34.0 51.0#



Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0





#31

Cyclohexane

Concen: 1.029 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.01 min

Lab File: VY001175.D

Acq: 13 Jan 2020 13:05

Instrument :

MSVOA_Y

ClientSampleId :

CIY1-SB-104-0-2

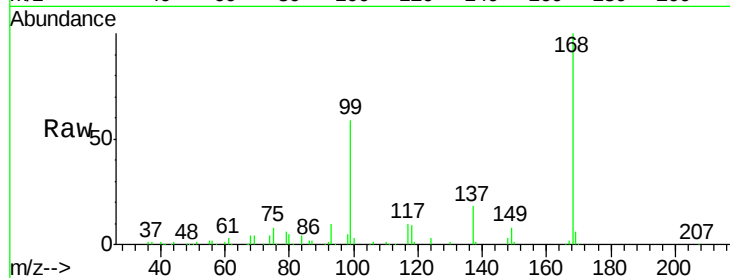
Tgt Ion: 56 Resp: 2193

Ion Ratio Lower Upper

56 100

69 188.0 27.8 41.8#

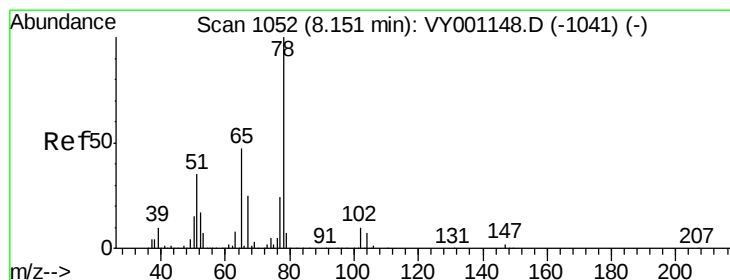
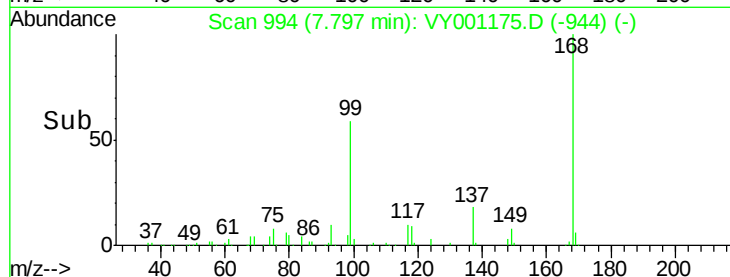
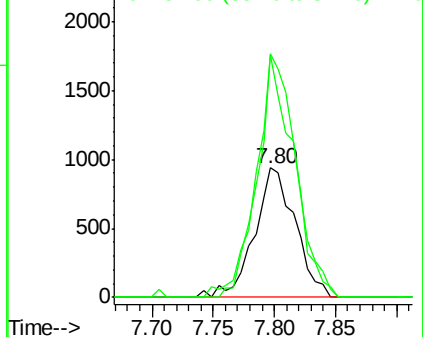
84 187.0 68.9 103.3#



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: 46.033 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY001175.D

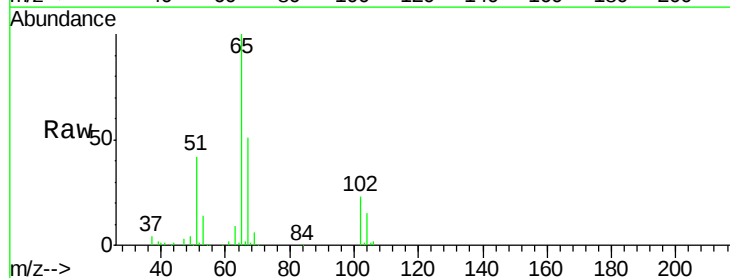
Acq: 13 Jan 2020 13:05

Tgt Ion: 65 Resp: 50741

Ion Ratio Lower Upper

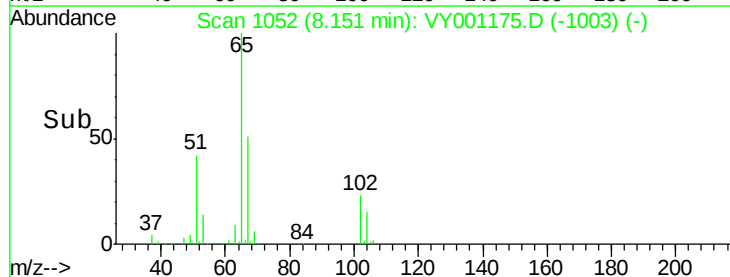
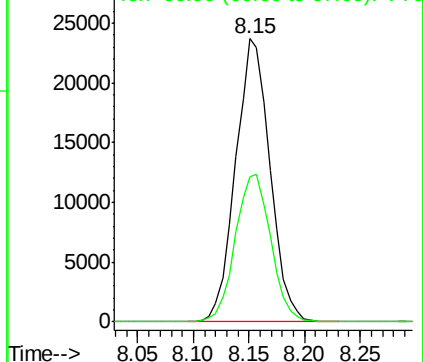
65 100

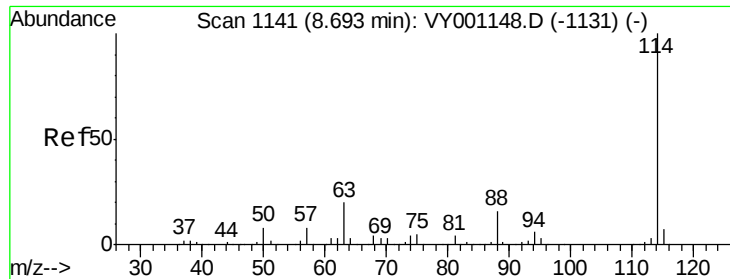
67 53.9 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0

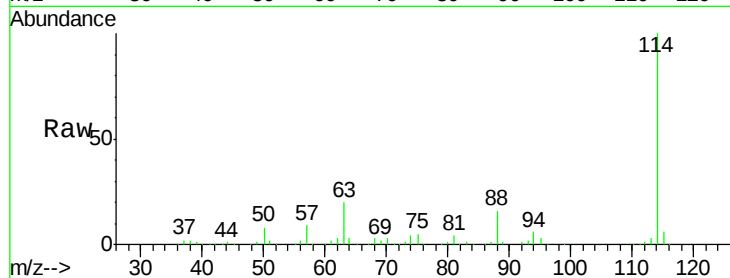




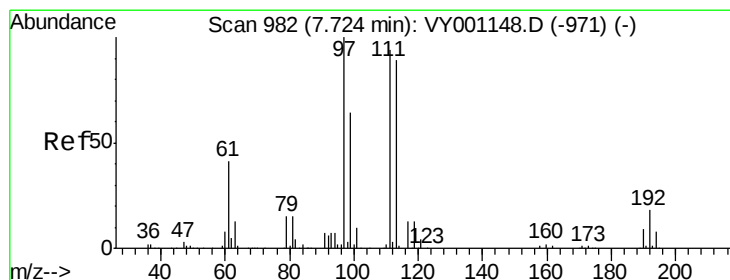
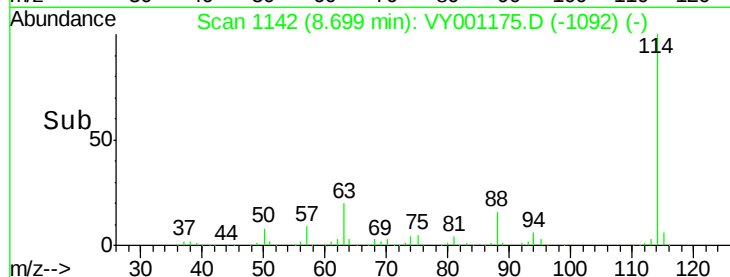
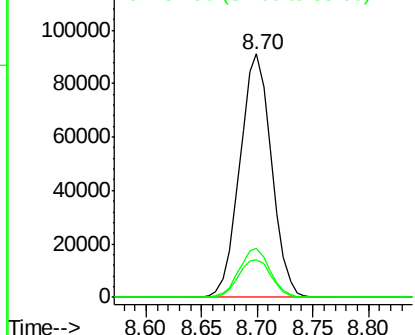
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.01 min
 Lab File: VY001175.D
 Acq: 13 Jan 2020 13:05

Instrument :
 MSVOA_Y
 ClientSampleId :
 CIY1-SB-104-0-2

Tgt Ion:114 Resp: 179622
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 40.8
 88 15.6 0.0 32.4

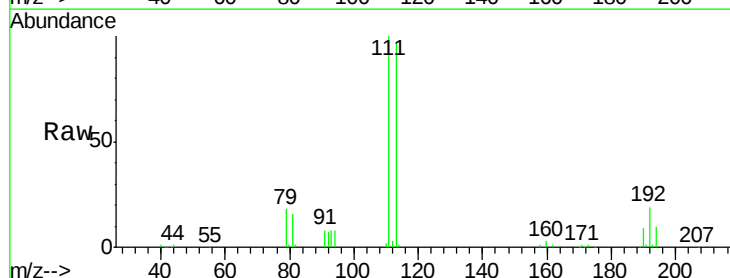


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

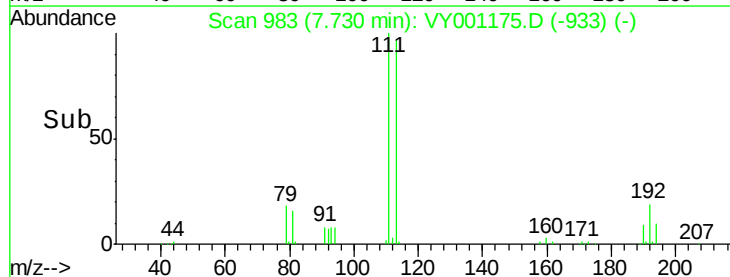
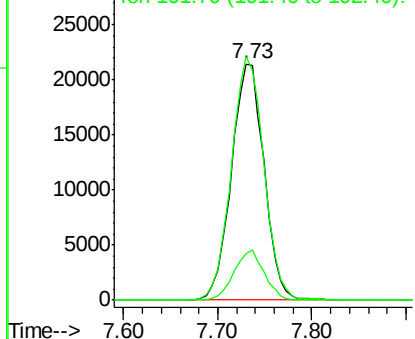


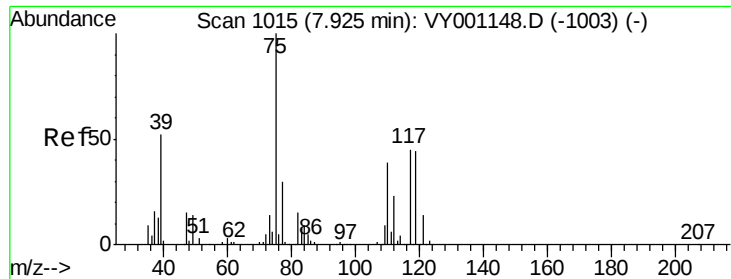
#35
 Dibromofluoromethane
 Concen: 48.909 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.01 min
 Lab File: VY001175.D
 Acq: 13 Jan 2020 13:05

Tgt Ion:113 Resp: 51437
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.9 124.3
 192 19.6 15.4 23.2



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

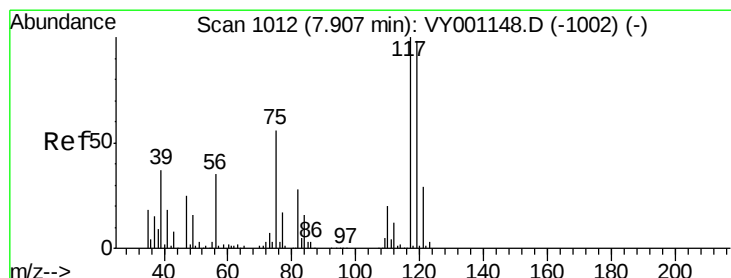
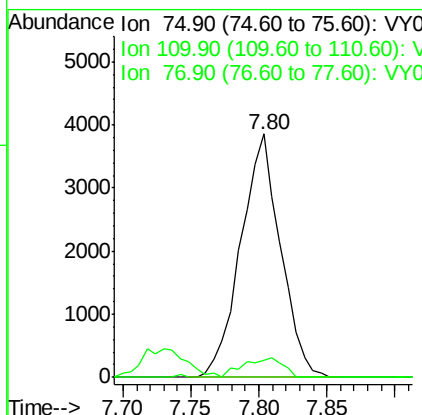
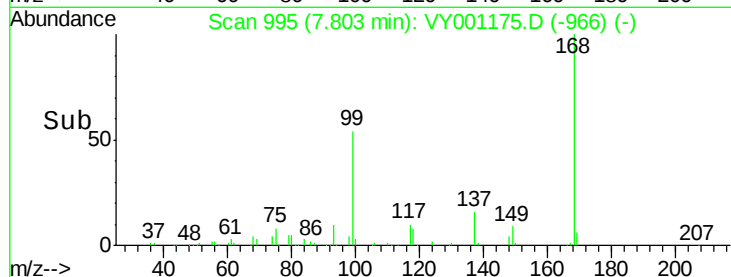
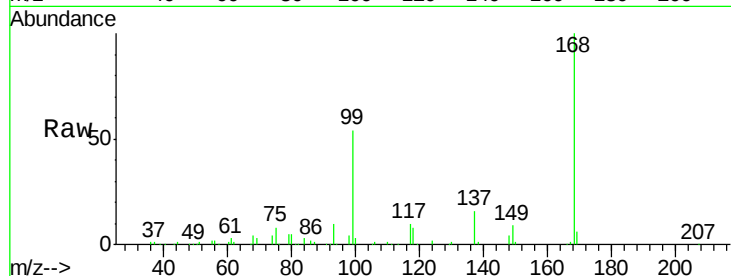




#36
 1,1-Dichloropropene
 Concen: 4.808 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.12 min
 Lab File: VY001175.D
 Acq: 13 Jan 2020 13:05

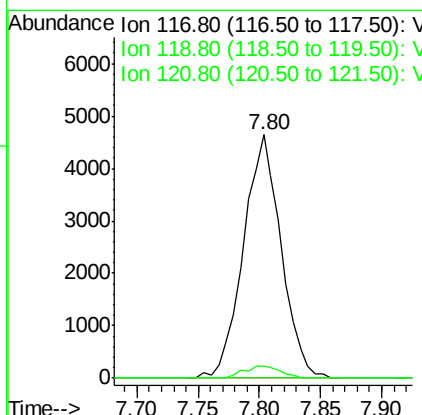
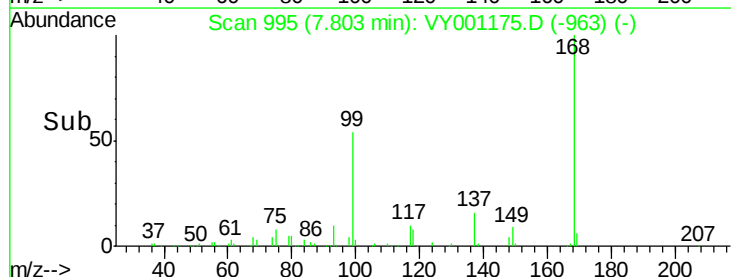
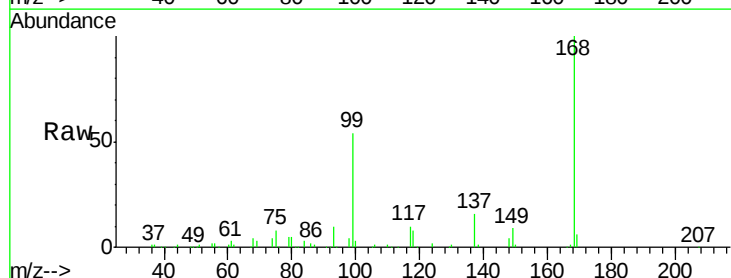
Instrument :
 MSVOA_Y
 ClientSampleId :
 CIY1-SB-104-0-2

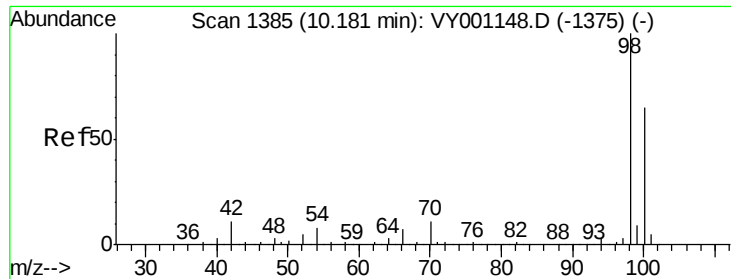
Tgt Ion: 75 Resp: 7872
 Ion Ratio Lower Upper
 75 100
 110 8.0 18.3 54.8#
 77 0.0 25.1 37.7#



#38
 Carbon Tetrachloride
 Concen: 6.621 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.10 min
 Lab File: VY001175.D
 Acq: 13 Jan 2020 13:05

Tgt Ion: 117 Resp: 9934
 Ion Ratio Lower Upper
 117 100
 119 4.9 78.3 117.5#
 121 0.0 23.5 35.3#





#50

Toluene-d8

Concen: 51.454 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY001175.D

Acq: 13 Jan 2020 13:05

Instrument :

MSVOA_Y

ClientSampleId :

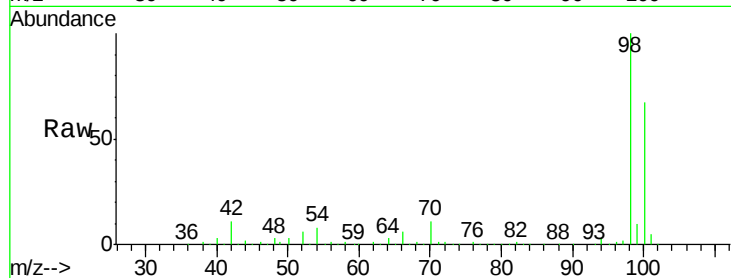
CIY1-SB-104-0-2

Tgt Ion: 98 Resp: 208507

Ion Ratio Lower Upper

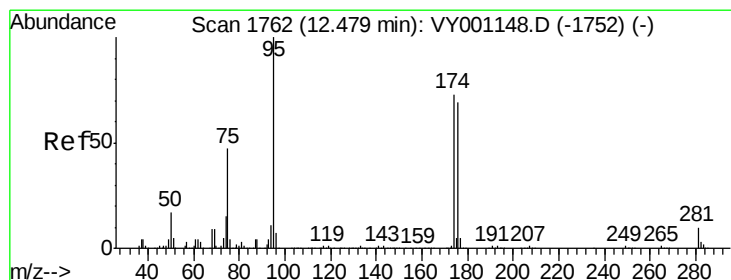
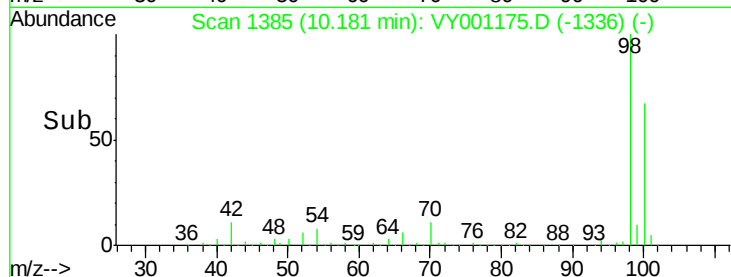
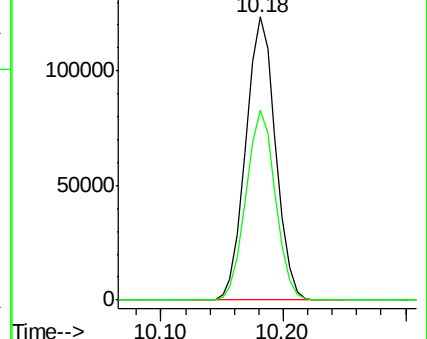
98 100

100 66.2 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0



#62

4-Bromofluorobenzene

Concen: 41.557 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY001175.D

Acq: 13 Jan 2020 13:05

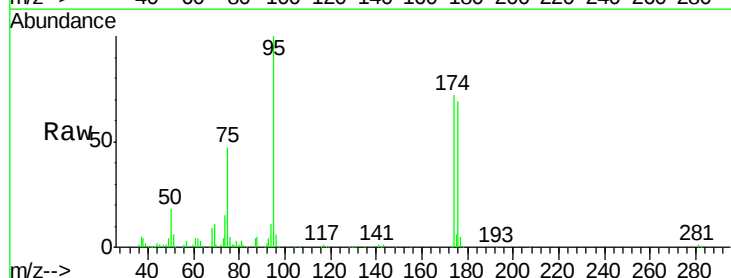
Tgt Ion: 95 Resp: 68848

Ion Ratio Lower Upper

95 100

174 76.4 0.0 143.2

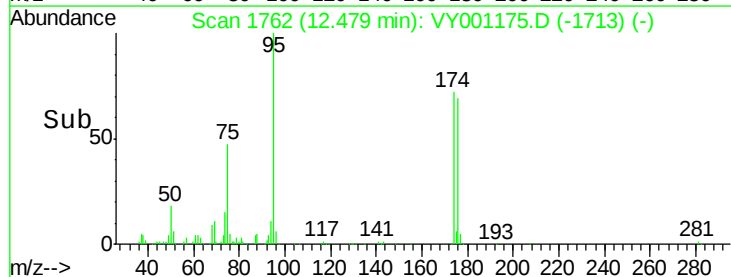
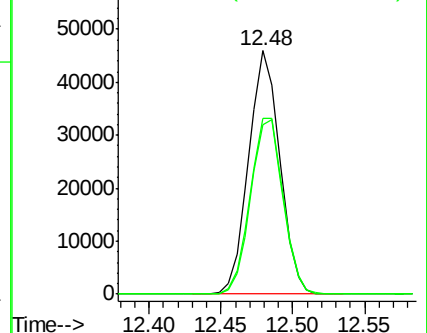
176 73.8 0.0 136.0

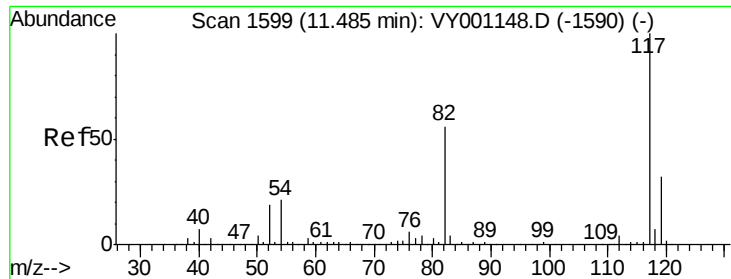


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): VY0

Ion 175.80 (175.50 to 176.50): VY0

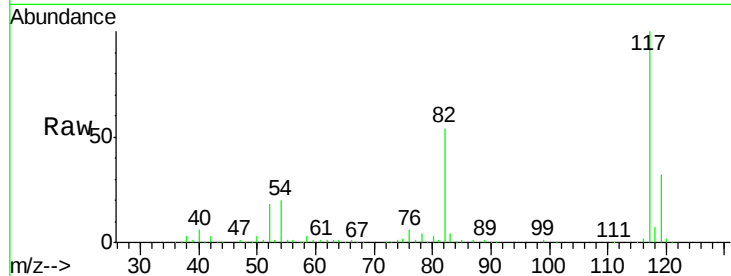




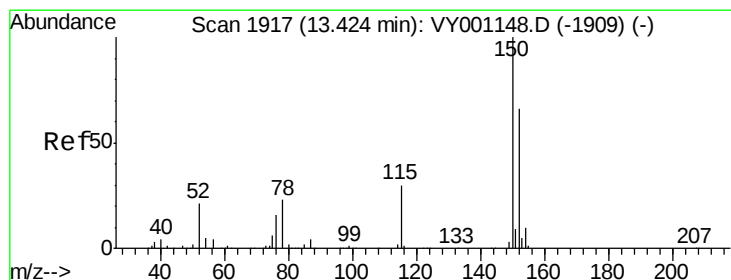
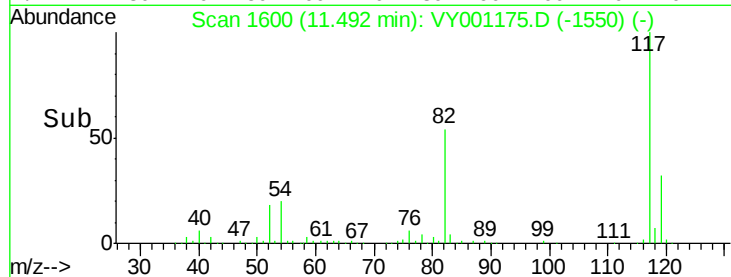
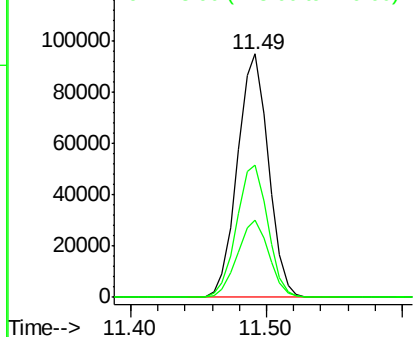
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VY001175.D
Acq: 13 Jan 2020 13:05

Instrument :
MSVOA_Y
ClientSampleId :
CIY1-SB-104-0-2

Tgt Ion:117 Resp: 151100
Ion Ratio Lower Upper
117 100
82 54.2 44.9 67.3
119 31.7 25.7 38.5

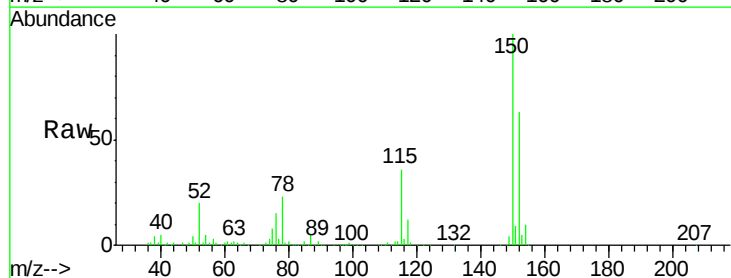


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

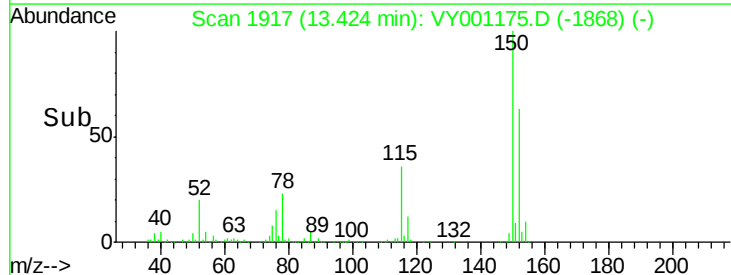
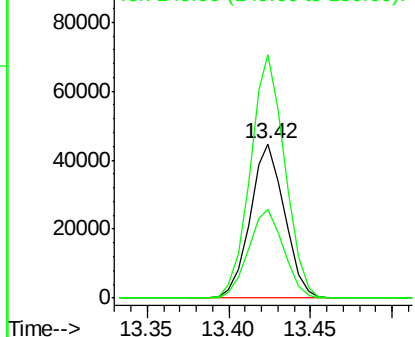


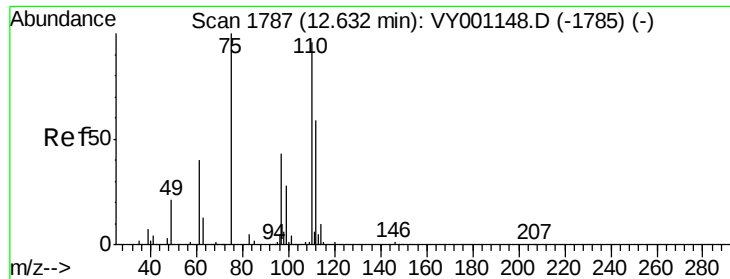
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY001175.D
Acq: 13 Jan 2020 13:05

Tgt Ion:152 Resp: 65288
Ion Ratio Lower Upper
152 100
115 58.8 30.9 92.5
150 158.4 0.0 346.8



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





#76

1,2,3-Trichloropropane

Concen: 46.631 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY001175.D

Acq: 13 Jan 2020 13:05

Instrument :

MSVOA_Y

ClientSampleId :

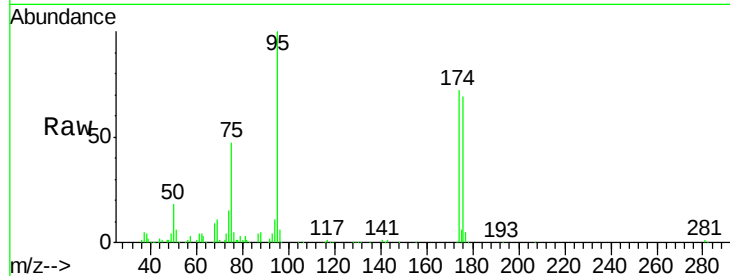
CIY1-SB-104-0-2

Tgt Ion: 75 Resp: 32591

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0

12.48

25000

20000

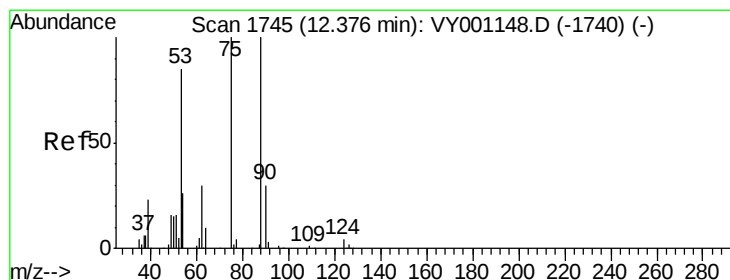
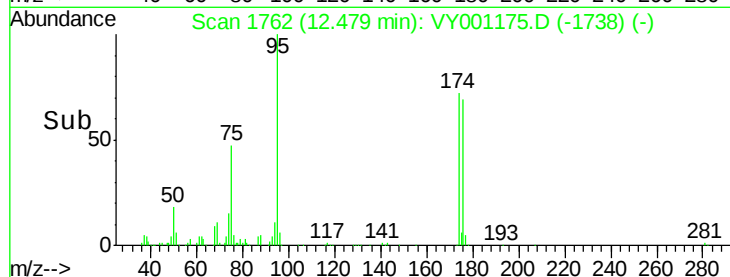
15000

10000

5000

0

Time--> 12.40 12.45 12.50 12.55



#81

trans-1,4-Dichloro-2-butene

Concen: 79.076 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY001175.D

Acq: 13 Jan 2020 13:05

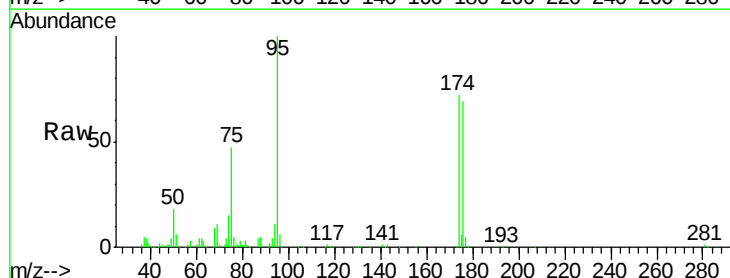
Tgt Ion: 75 Resp: 32591

Ion Ratio Lower Upper

75 100

53 0.0 69.4 104.2#

89 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0

12.48

30000

25000

20000

15000

10000

5000

0

Time--> 12.40 12.45 12.50 12.55

