

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY011520\
 Data File : VY001223.D
 Acq On : 15 Jan 2020 17:08
 Operator : SY/MD
 Sample : L1127-01
 Misc : 6.56G/5ML/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 QVD-SB-08-1.5-2

Quant Time: Jan 16 04:51:40 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

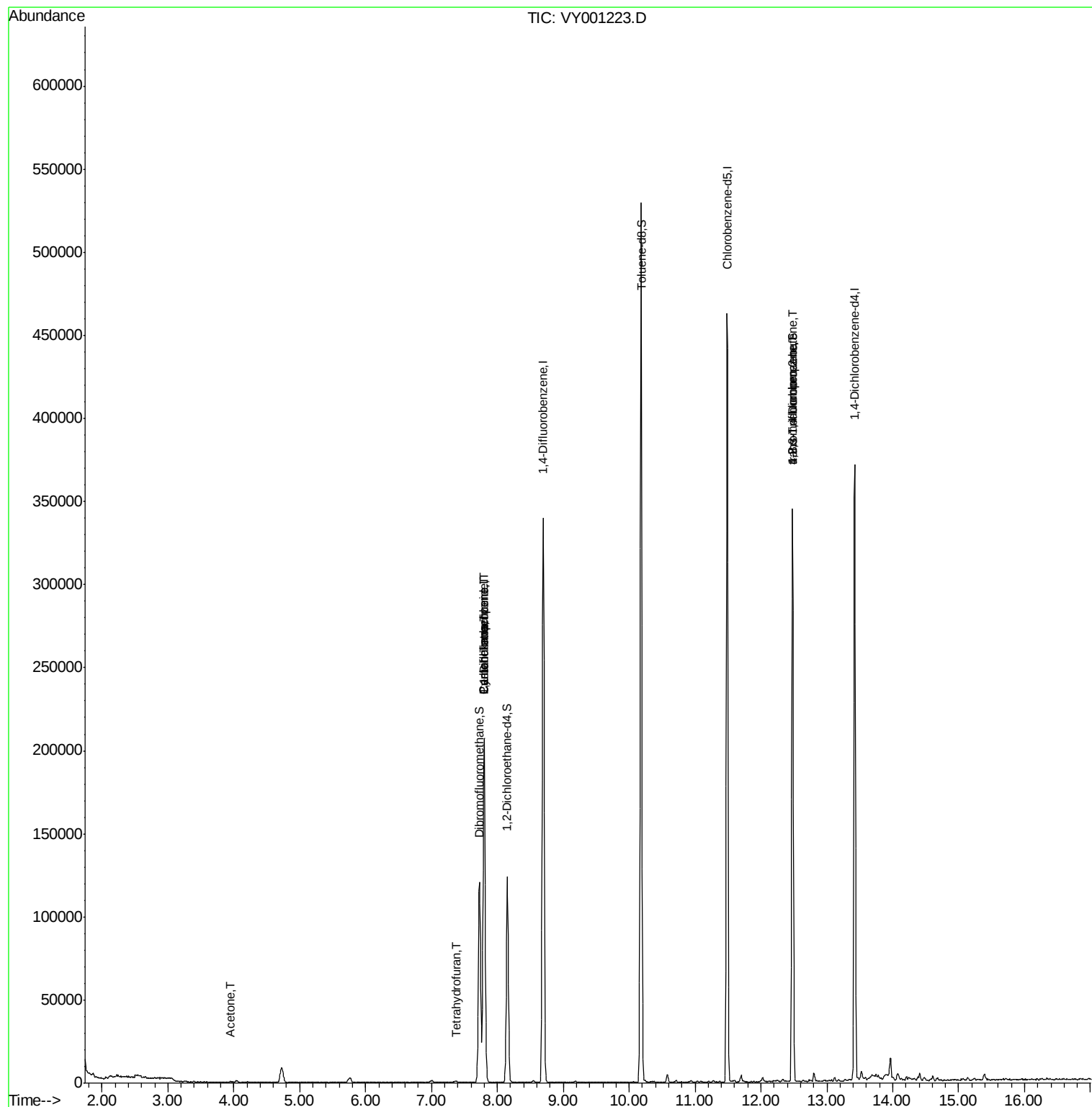
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	165413	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	295319	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	252392	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	93563	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	90735	51.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.88%	
35) Dibromofluoromethane	7.73	113	86801	50.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.40%	
50) Toluene-d8	10.18	98	344934	51.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.54%	
62) 4-Bromofluorobenzene	12.48	95	110044	40.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.80%	
Target Compounds						
16) Acetone	3.95	43	975	2.403	ug/l #	71
20) Methylene Chloride	4.73	84	7277	Below Cal		90
29) Tetrahydrofuran	7.37	42	690	1.594	ug/l #	45
31) Cyclohexane	7.80	56	3729	1.104	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	12549	4.662	ug/l #	47
38) Carbon Tetrachloride	7.80	117	16136	6.541	ug/l #	16
76) 1,2,3-Trichloropropane	12.48	75	52691	52.607	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	52691	89.210	ug/l #	6

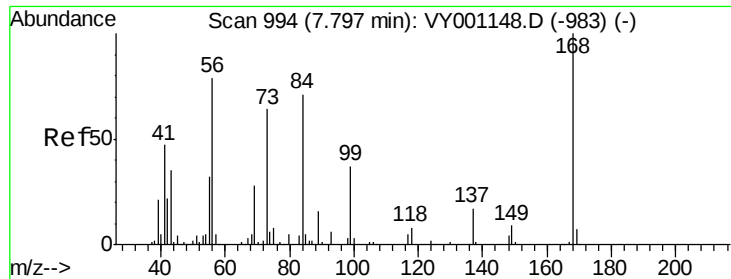
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: VY001223.D

Acq: 15 Jan 2020 17:08

Instrument :

MSVOA_Y

ClientSampleId :

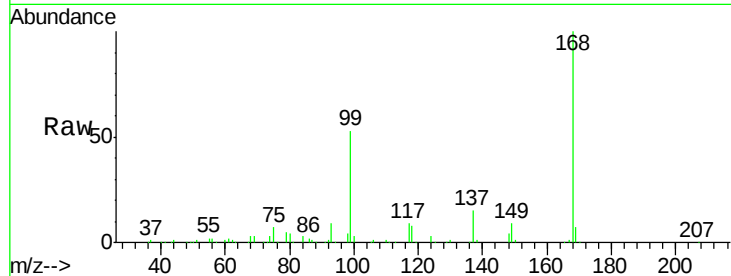
QVD-SB-08-1.5-2

Tgt Ion:168 Resp: 165413

Ion Ratio Lower Upper

168 100

99 53.0 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

80000

60000

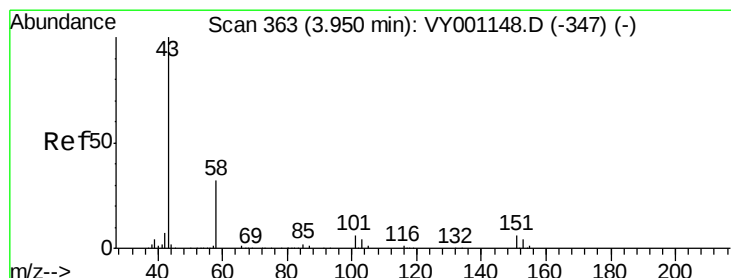
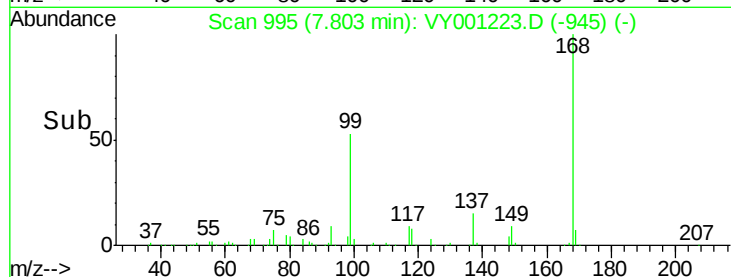
40000

20000

0

7.70 7.80 7.90

Time-->



#16

Acetone

Concen: 2.403 ug/l

RT: 3.95 min Scan# 363

Delta R.T. -0.00 min

Lab File: VY001223.D

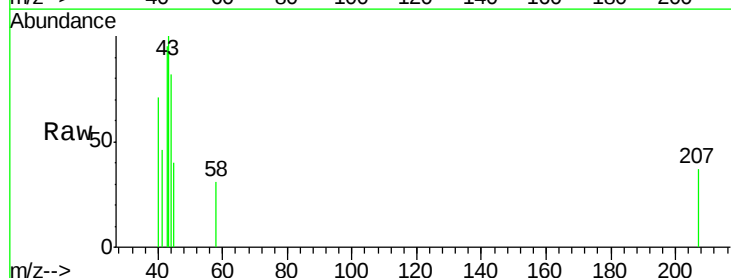
Acq: 15 Jan 2020 17:08

Tgt Ion: 43 Resp: 975

Ion Ratio Lower Upper

43 100

58 15.8 25.8 38.6#



Abundance Ion 43.00 (42.70 to 43.70): VY001148.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY001148.D (-347) (-)

3.95

500

400

300

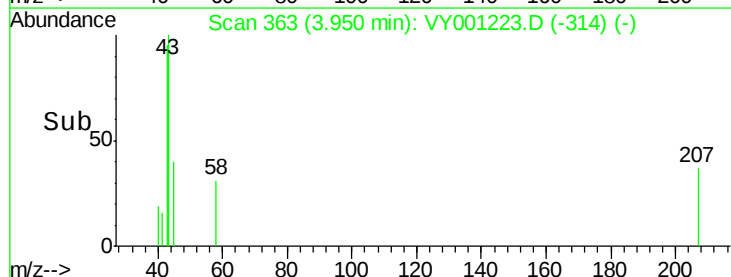
200

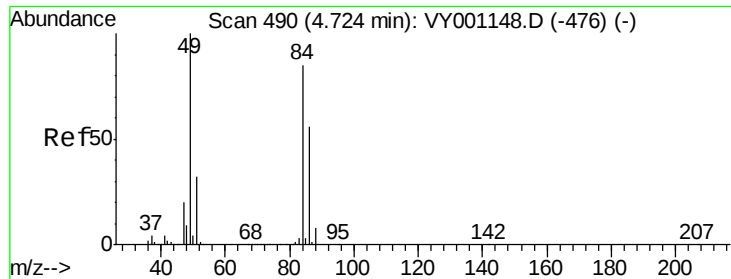
100

0

3.90 3.95 4.00 4.05

Time-->

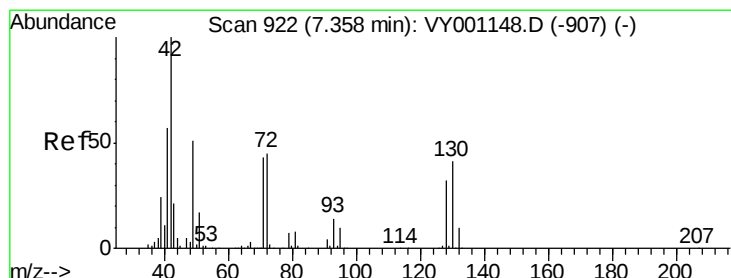
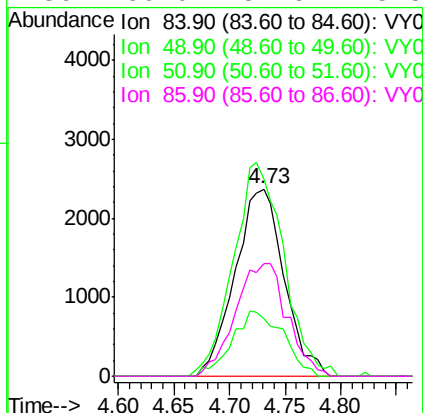
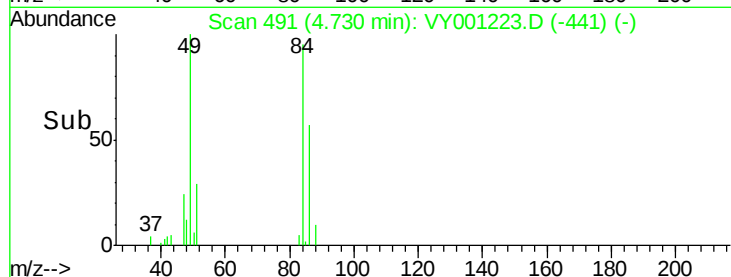
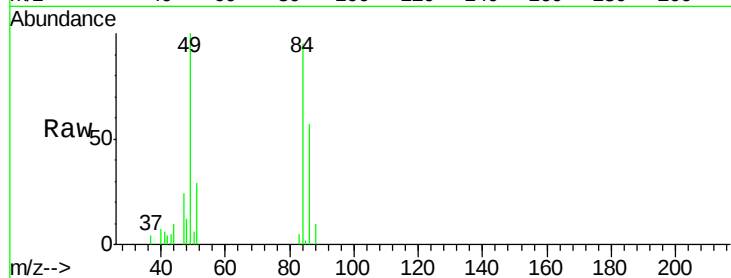




#20
Methylene Chloride
Concen: Below Cal
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY001223.D
Acq: 15 Jan 2020 17:08

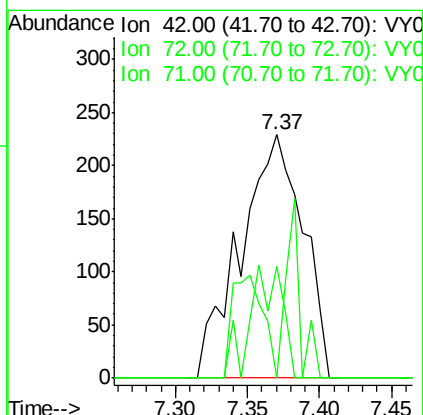
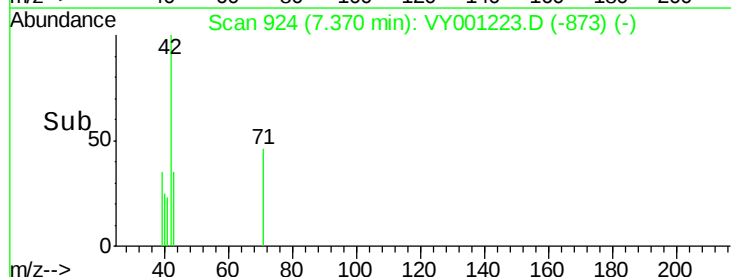
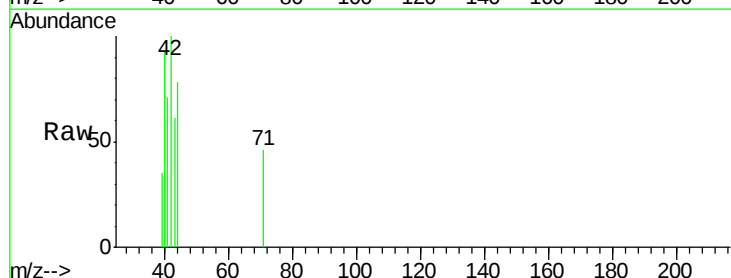
Instrument :
MSVOA_Y
ClientSampleId :
QVD-SB-08-1.5-2

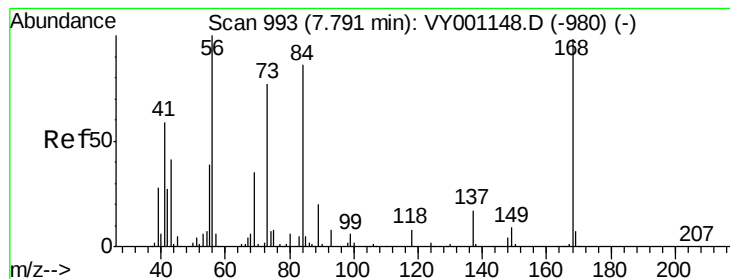
Tgt Ion:	84	Resp:	7277
Ion	Ratio	Lower	Upper
84	100		
49	105.2	93.8	140.6
51	30.5	29.9	44.9
86	60.0	52.6	78.8



#29
Tetrahydrofuran
Concen: 1.594 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.01 min
Lab File: VY001223.D
Acq: 15 Jan 2020 17:08

Tgt Ion:	42	Resp:	690
Ion	Ratio	Lower	Upper
42	100		
72	16.8	36.9	55.3#
71	0.0	34.0	51.0#





#31

Cyclohexane

Concen: 1.104 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.01 min

Lab File: VY001223.D

Acq: 15 Jan 2020 17:08

Instrument :

MSVOA_Y

ClientSampleId :

QVD-SB-08-1.5-2

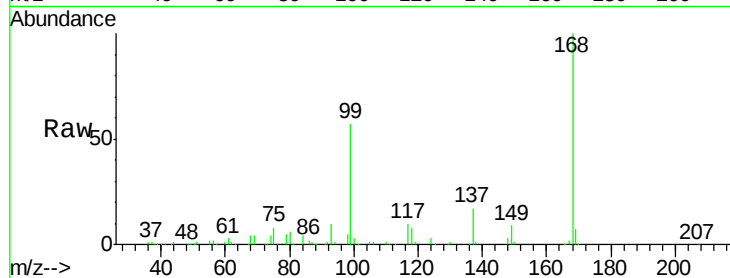
Tgt Ion: 56 Resp: 3729

Ion Ratio Lower Upper

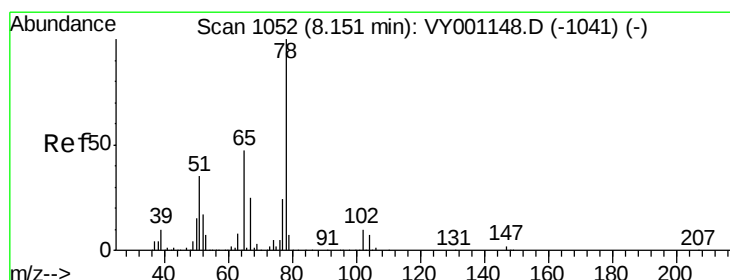
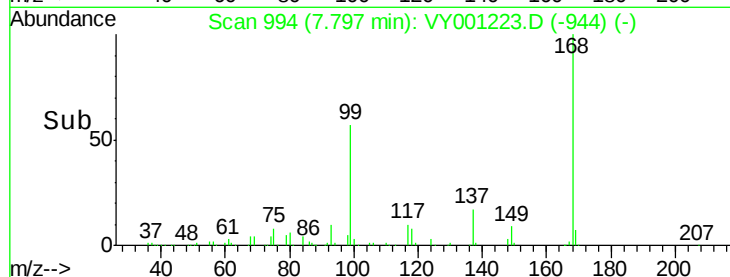
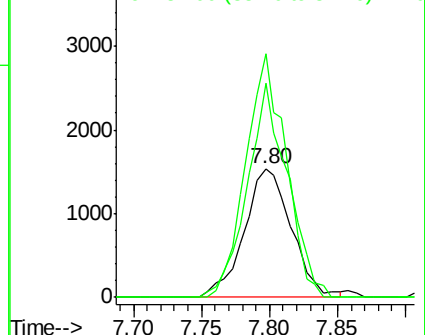
56 100

69 189.4 27.8 41.8#

84 167.1 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: 51.936 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY001223.D

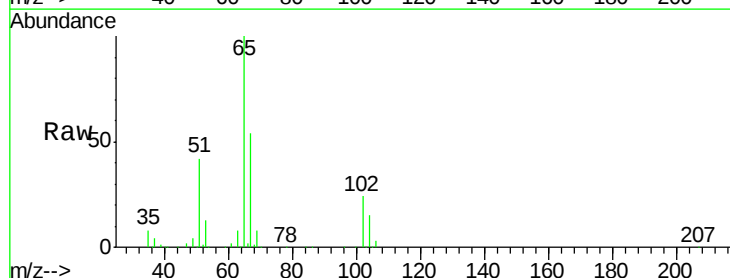
Acq: 15 Jan 2020 17:08

Tgt Ion: 65 Resp: 90735

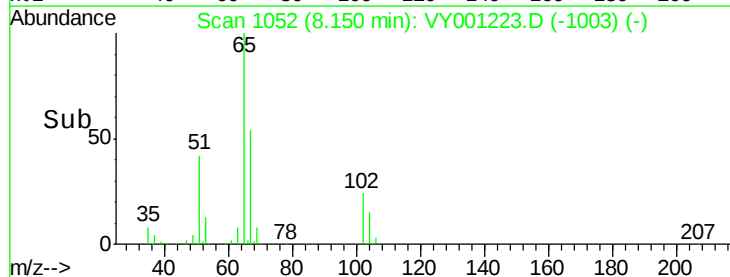
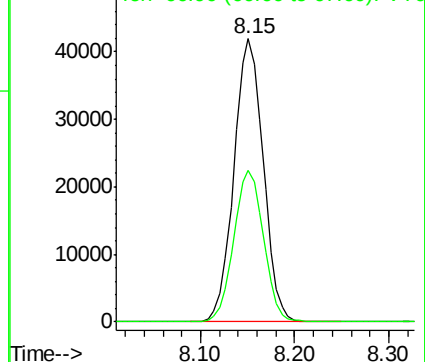
Ion Ratio Lower Upper

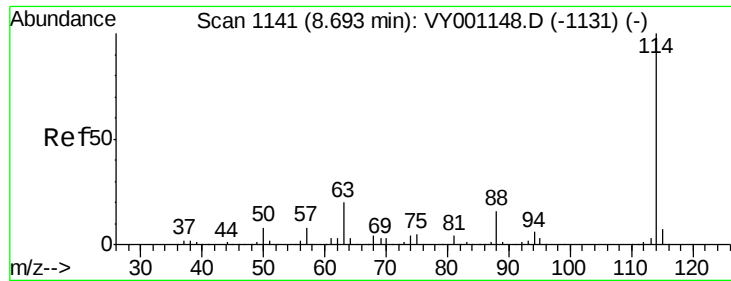
65 100

67 54.2 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VY0
Ion 66.90 (66.60 to 67.60): VY0

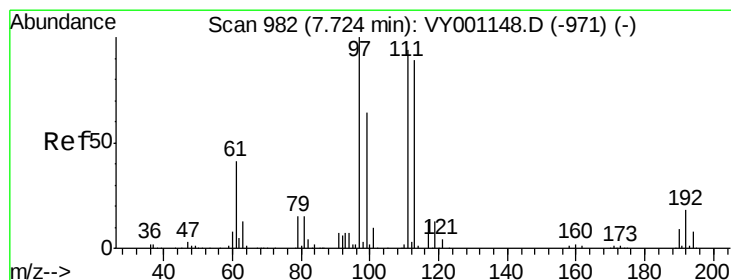
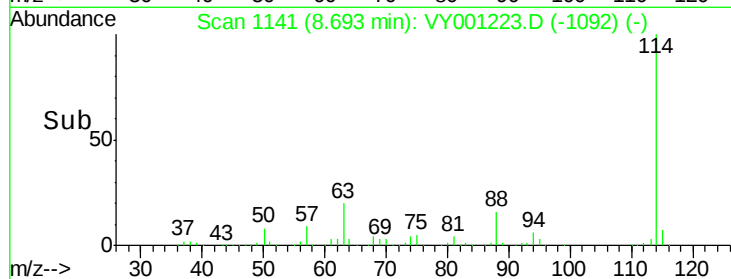
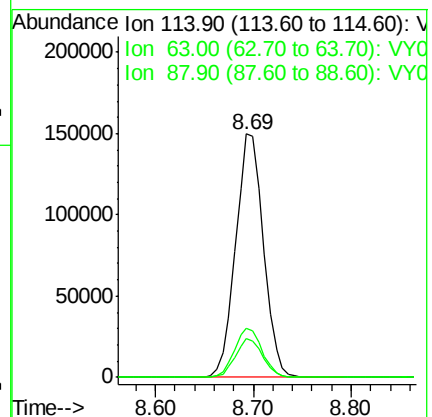
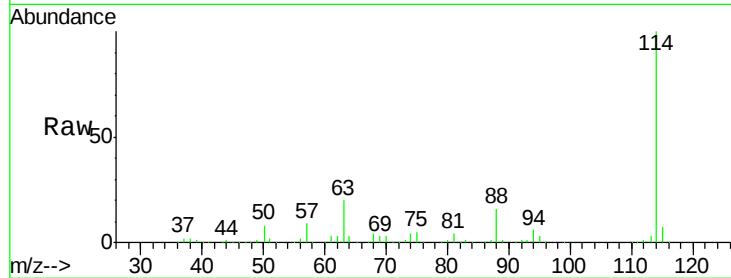




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY001223.D
 Acq: 15 Jan 2020 17:08

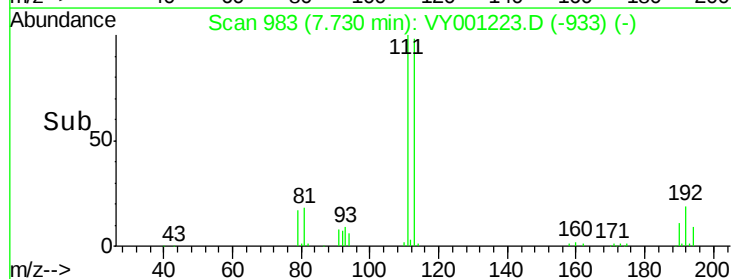
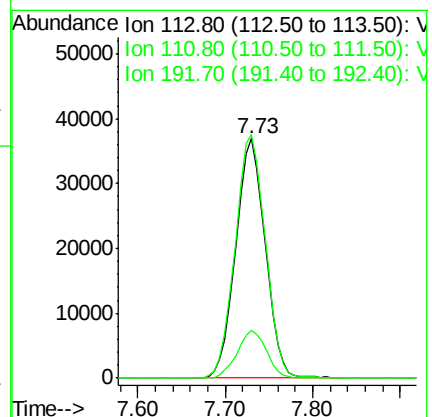
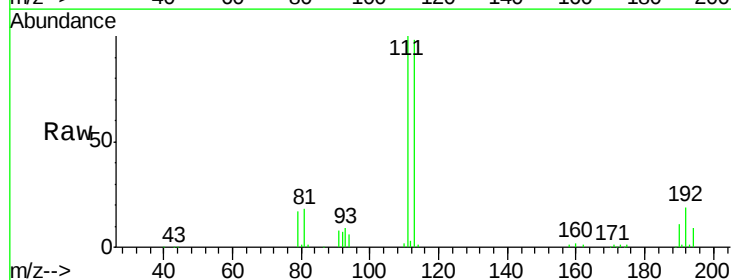
Instrument :
 MSVOA_Y
 ClientSampleId :
 QVD-SB-08-1.5-2

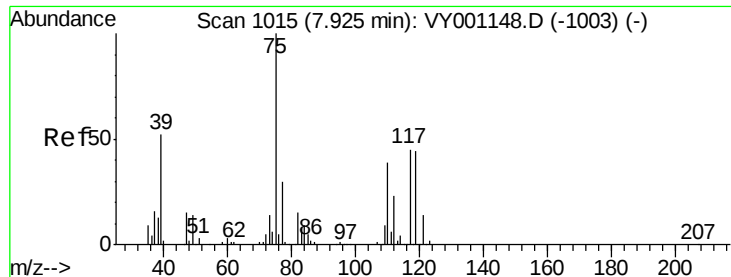
Tgt Ion:114 Resp: 295319
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 40.8
 88 15.7 0.0 32.4



#35
 Dibromofluoromethane
 Concen: 50.200 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.01 min
 Lab File: VY001223.D
 Acq: 15 Jan 2020 17:08

Tgt Ion:113 Resp: 86801
 Ion Ratio Lower Upper
 113 100
 111 103.9 82.9 124.3
 192 19.7 15.4 23.2

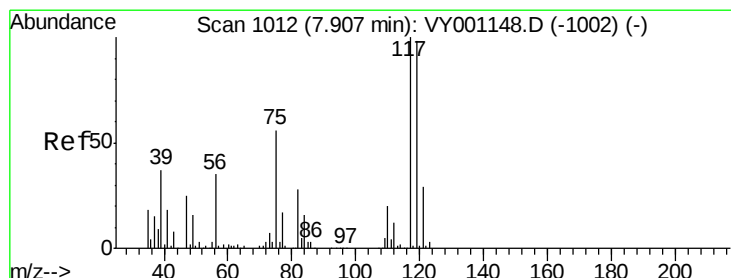
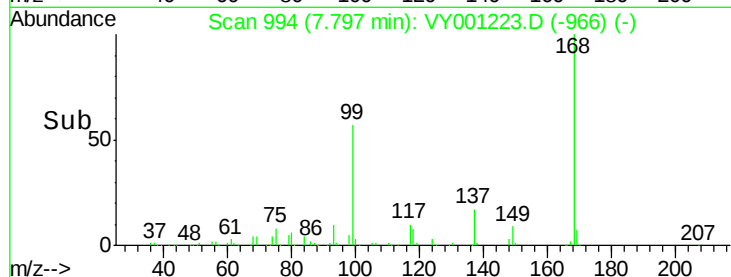
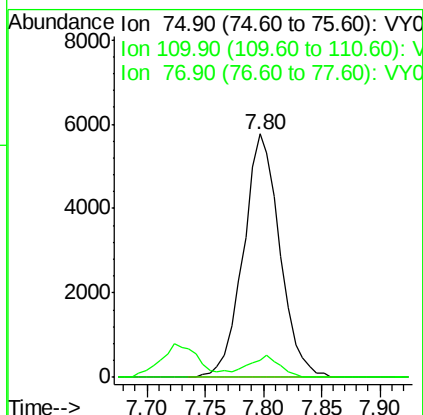
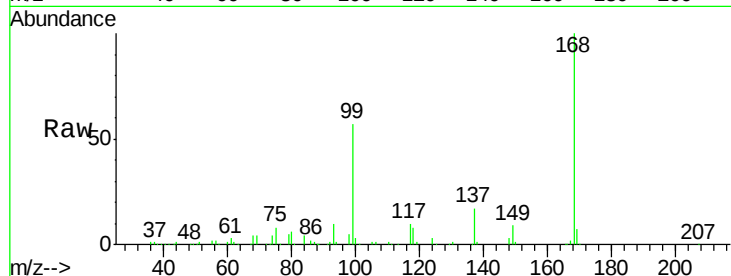




#36
 1,1-Dichloropropene
 Concen: 4.662 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY001223.D
 Acq: 15 Jan 2020 17:08

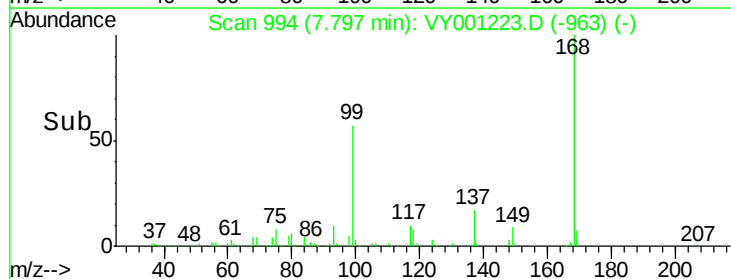
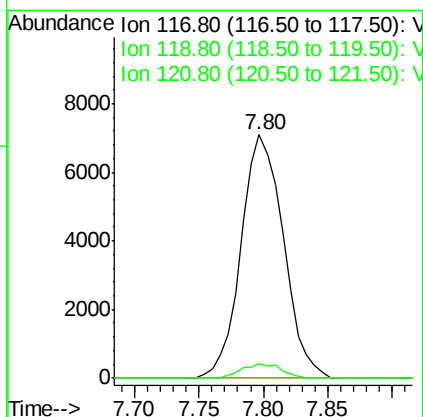
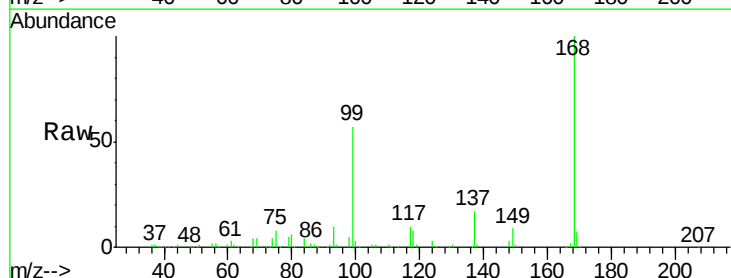
Instrument :
 MSVOA_Y
 ClientSampleId :
 QVD-SB-08-1.5-2

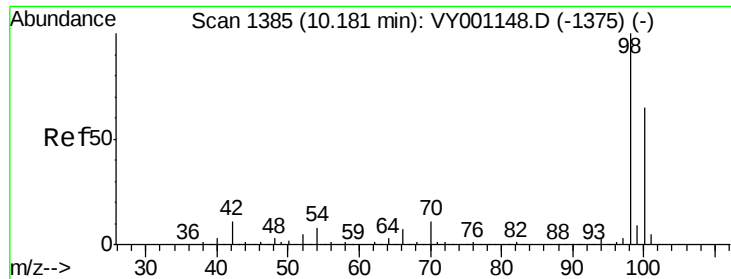
Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.4	18.3	54.8#
77	0.0	25.1	37.7#



#38
 Carbon Tetrachloride
 Concen: 6.541 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.11 min
 Lab File: VY001223.D
 Acq: 15 Jan 2020 17:08

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.8	78.3	117.5#
121	0.0	23.5	35.3#





#50

Toluene-d8

Concen: 51.773 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY001223.D

Acq: 15 Jan 2020 17:08

Instrument :

MSVOA_Y

ClientSampleId :

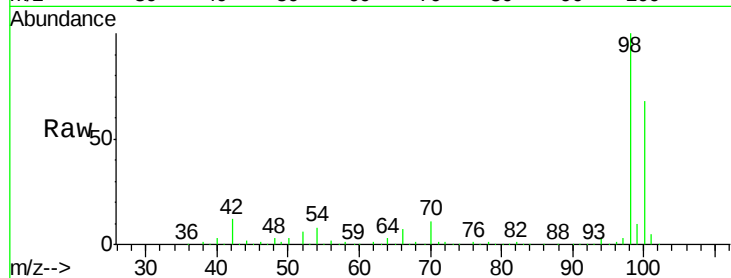
QVD-SB-08-1.5-2

Tgt Ion: 98 Resp: 344934

Ion Ratio Lower Upper

98 100

100 66.4 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY001148.D (-1375) (-)

Ion 100.00 (99.70 to 100.70): VY001148.D (-1375) (-)

10.18

200000

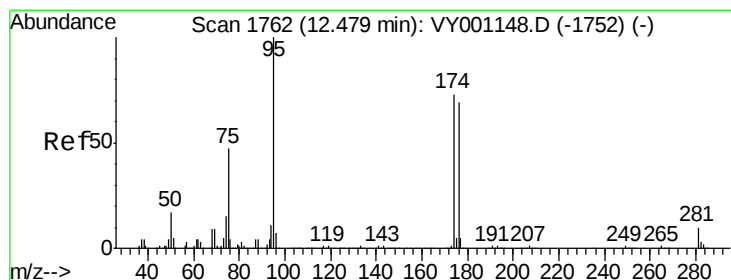
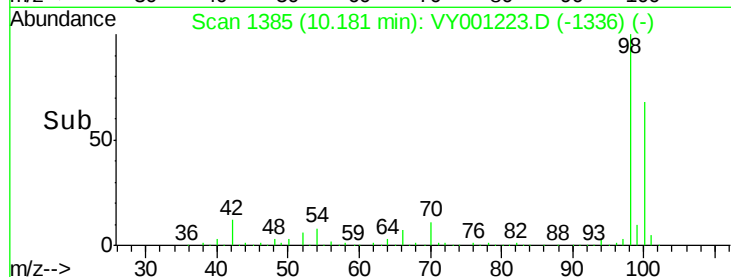
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 40.401 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY001223.D

Acq: 15 Jan 2020 17:08

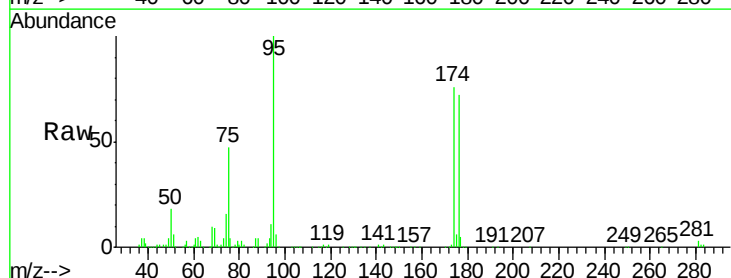
Tgt Ion: 95 Resp: 110044

Ion Ratio Lower Upper

95 100

174 76.8 0.0 143.2

176 73.7 0.0 136.0



Abundance Ion 94.90 (94.60 to 95.60): VY001148.D (-1752) (-)

Ion 173.80 (173.50 to 174.50): VY001148.D (-1752) (-)

Ion 175.80 (175.50 to 176.50): VY001148.D (-1752) (-)

12.48

100000

80000

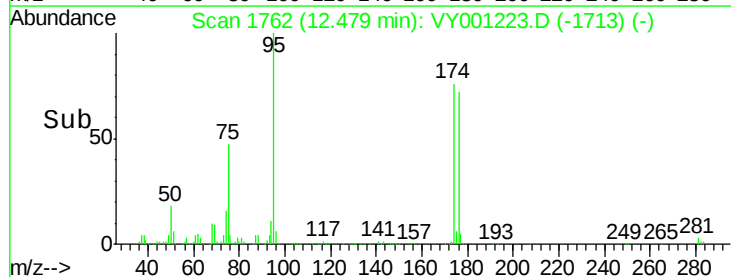
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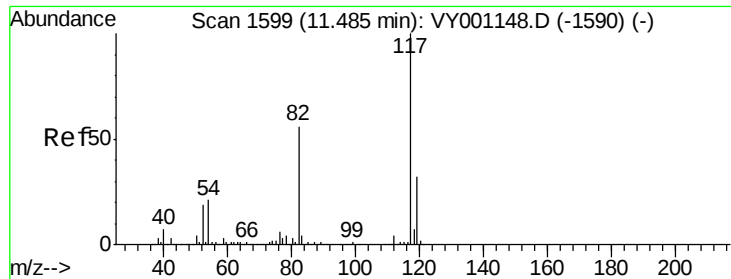
40000

20000

0

Time-->

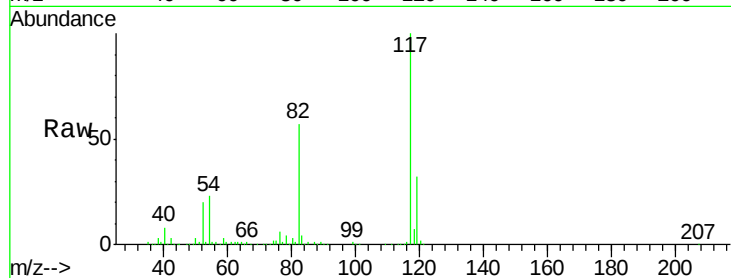




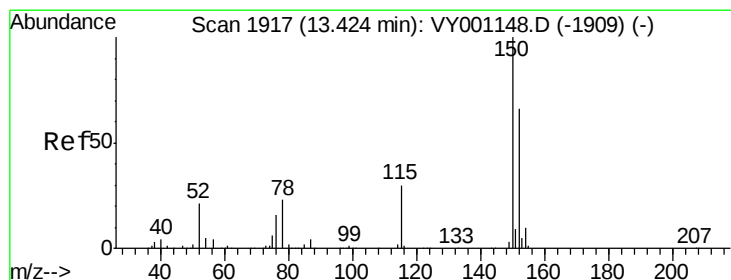
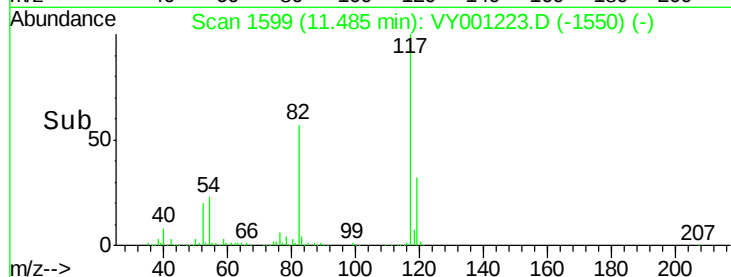
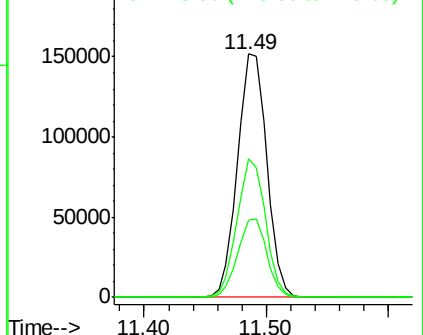
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VY001223.D
Acq: 15 Jan 2020 17:08

Instrument :
MSVOA_Y
ClientSampleId :
QVD-SB-08-1.5-2

Tgt Ion:117 Resp: 252392
Ion Ratio Lower Upper
117 100
82 57.0 44.9 67.3
119 31.8 25.7 38.5

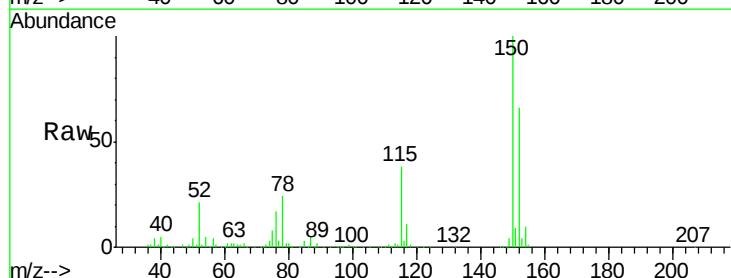


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

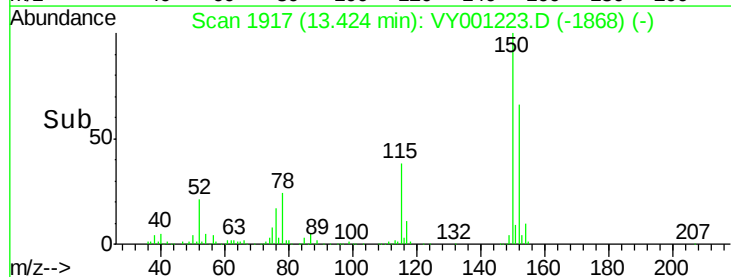
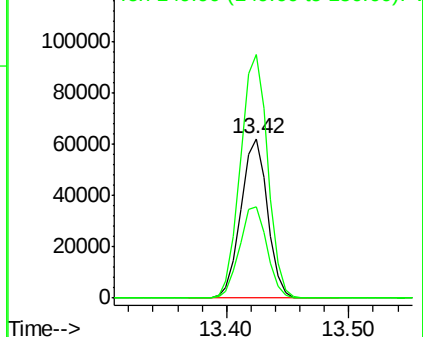


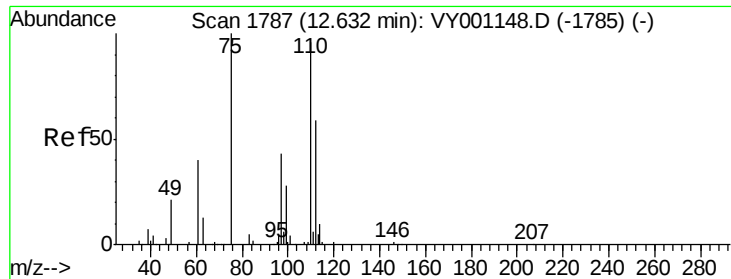
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY001223.D
Acq: 15 Jan 2020 17:08

Tgt Ion:152 Resp: 93563
Ion Ratio Lower Upper
152 100
115 59.2 30.9 92.5
150 156.5 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: 52.607 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY001223.D

Acq: 15 Jan 2020 17:08

Instrument :

MSVOA_Y

ClientSampleId :

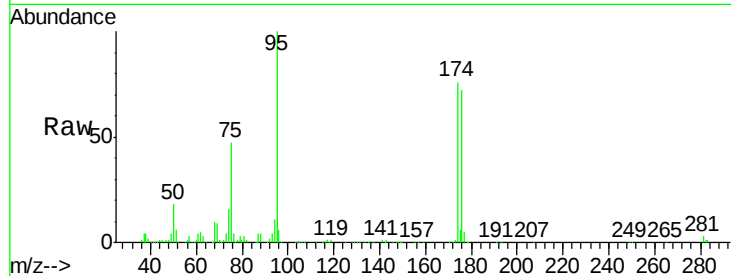
QVD-SB-08-1.5-2

Tgt Ion: 75 Resp: 52691

Ion Ratio Lower Upper

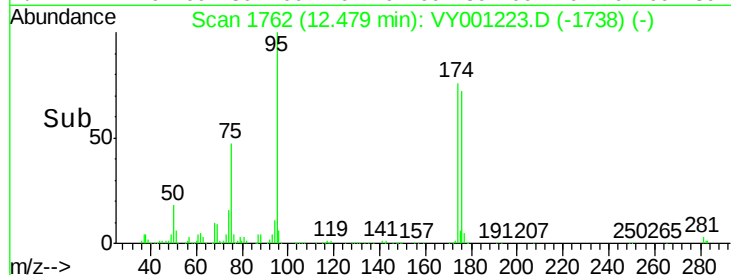
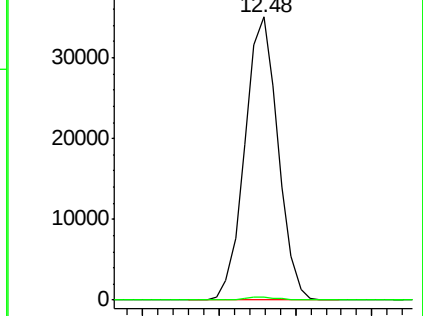
75 100

77 1.2 0.0 0.0#

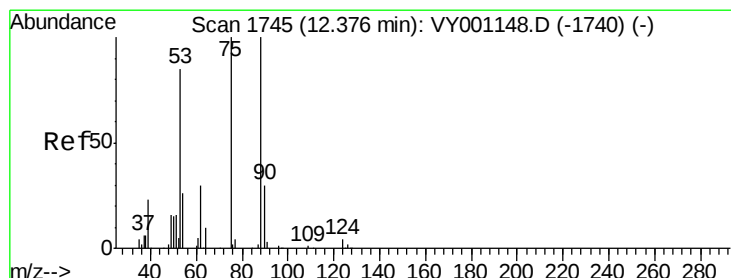


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0



Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 89.210 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY001223.D

Acq: 15 Jan 2020 17:08

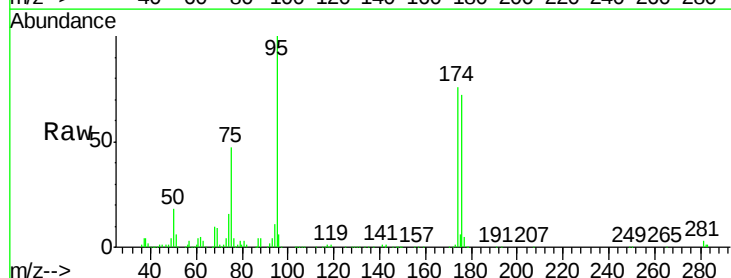
Tgt Ion: 75 Resp: 52691

Ion Ratio Lower Upper

75 100

53 0.0 69.4 104.2#

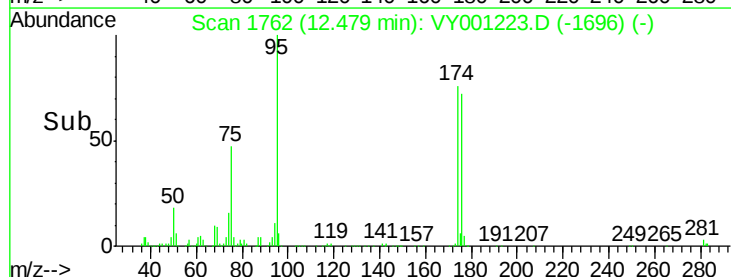
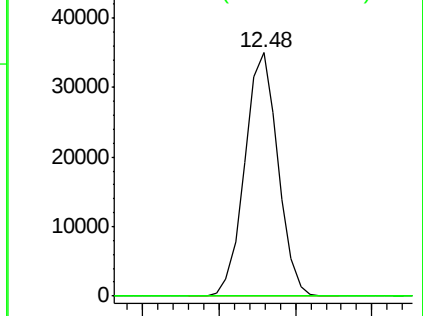
89 0.0 0.0 0.0



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



Time-->