

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY011520\
 Data File : VY001224.D
 Acq On : 15 Jan 2020 17:30
 Operator : SY/MD
 Sample : L1127-02
 Misc : 6.55G/5ML/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 QVD-SB-07-1.5-2

Quant Time: Jan 16 04:51:50 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

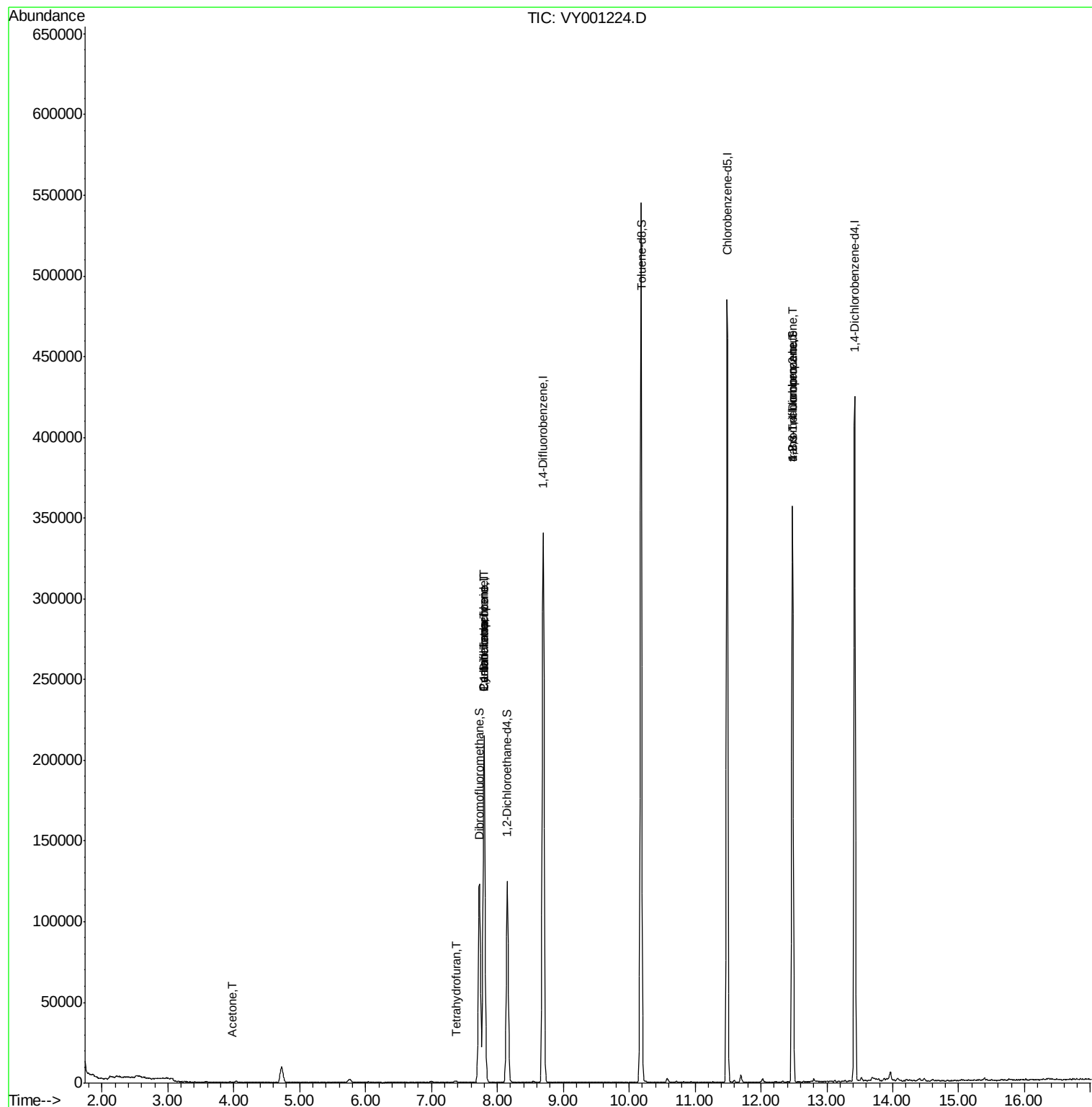
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	168237	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	301281	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	264763	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	105936	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	94090	52.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.90%	
35) Dibromofluoromethane	7.73	113	89345	50.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.30%	
50) Toluene-d8	10.18	98	352386	51.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.68%	
62) 4-Bromofluorobenzene	12.48	95	118893	42.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.58%	
Target Compounds						
16) Acetone	3.97	43	852	2.065	ug/l	96
20) Methylene Chloride	4.72	84	7356	Below Cal		86
29) Tetrahydrofuran	7.36	42	675	1.534	ug/l #	78
31) Cyclohexane	7.80	56	3531	1.027	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	12522	4.560	ug/l #	48
38) Carbon Tetrachloride	7.80	117	16184	6.431	ug/l #	15
76) 1,2,3-Trichloropropane	12.48	75	57783	50.953	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	57783	86.404	ug/l #	6

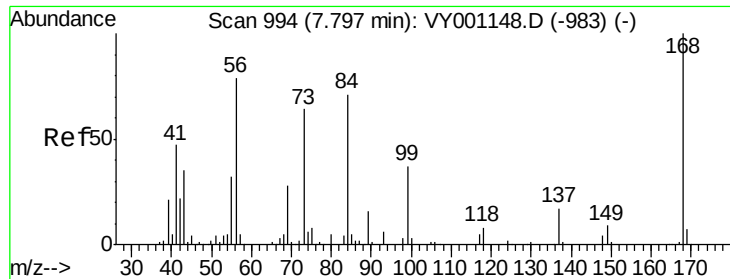
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY001224.D

Acq: 15 Jan 2020 17:30

Instrument :

MSVOA_Y

ClientSampleId :

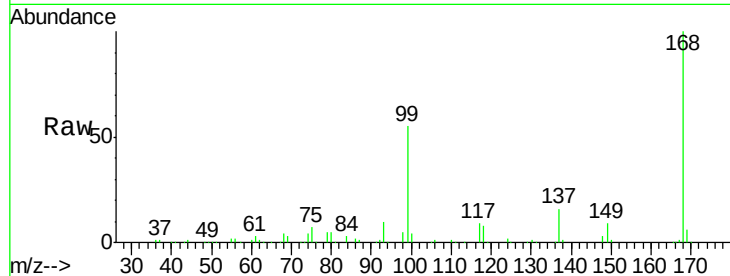
QVD-SB-07-1.5-2

Tgt Ion:168 Resp: 168237

Ion Ratio Lower Upper

168 100

99 55.2 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

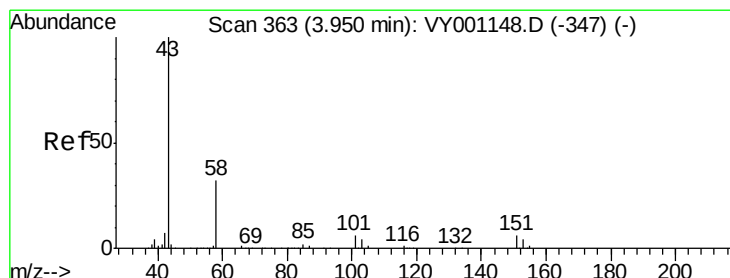
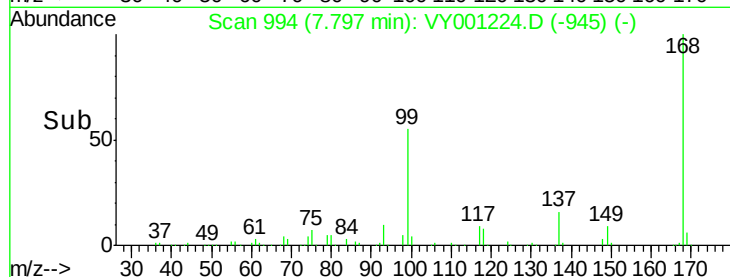
0

7.70

7.80

7.90

Time-->



#16

Acetone

Concen: 2.065 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.02 min

Lab File: VY001224.D

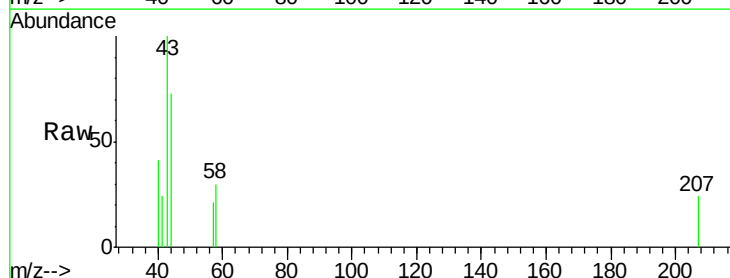
Acq: 15 Jan 2020 17:30

Tgt Ion: 43 Resp: 852

Ion Ratio Lower Upper

43 100

58 30.1 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) (-)

3.97

250

200

150

100

50

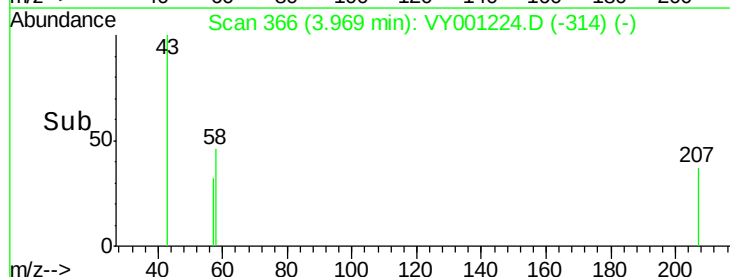
0

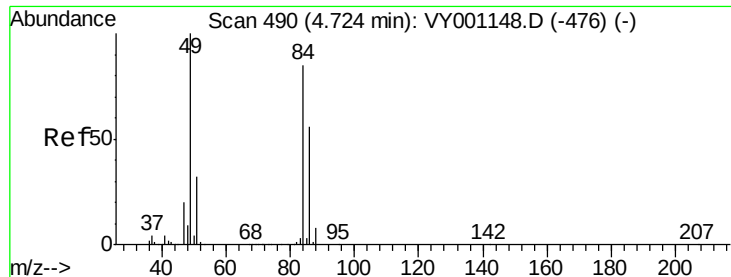
3.90

3.95

4.00

Time-->

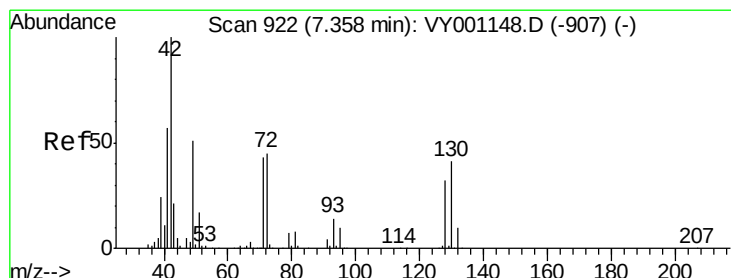
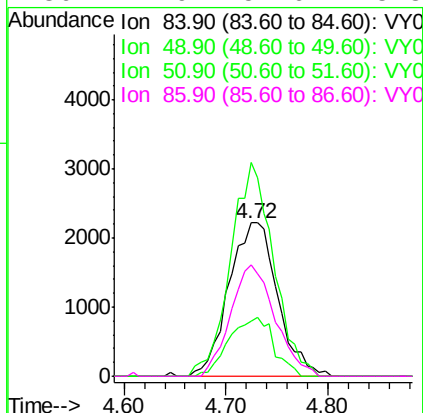
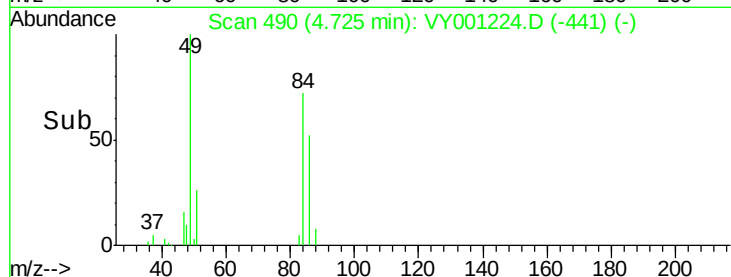
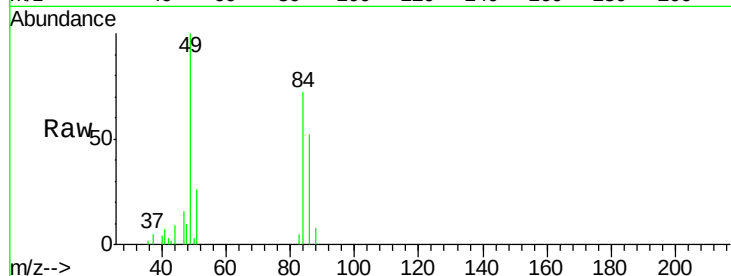




#20
Methylene Chloride
Concen: Below Cal
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY001224.D
Acq: 15 Jan 2020 17:30

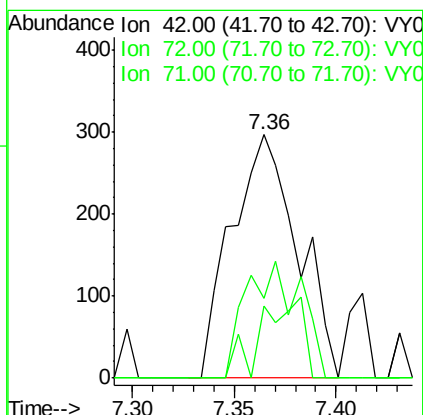
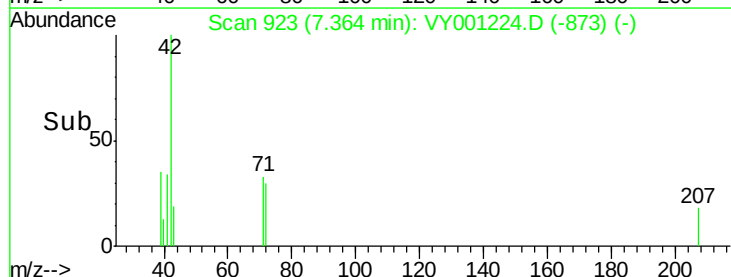
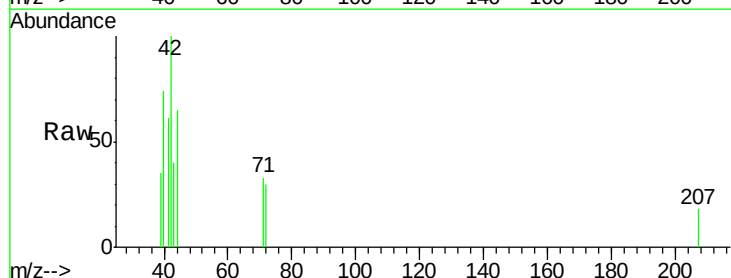
Instrument :
MSVOA_Y
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QVD-SB-07-1.5-2

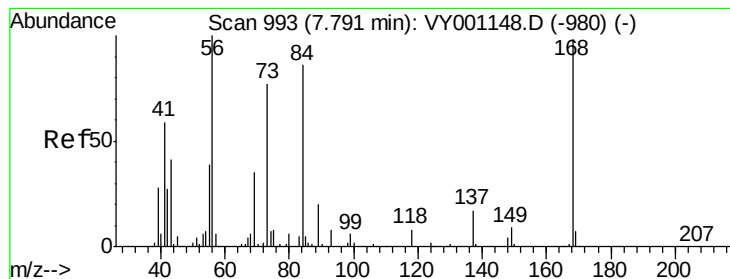
Tgt Ion:	84	Resp:	7356
Ion	Ratio	Lower	Upper
84	100		
49	139.4	93.8	140.6
51	36.1	29.9	44.9
86	72.9	52.6	78.8



#29
Tetrahydrofuran
Concen: 1.534 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.01 min
Lab File: VY001224.D
Acq: 15 Jan 2020 17:30

Tgt Ion:	42	Resp:	675
Ion	Ratio	Lower	Upper
42	100		
72	21.2	36.9	55.3#
71	39.3	34.0	51.0





#31

Cyclohexane

Concen: 1.027 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.01 min

Lab File: VY001224.D

Acq: 15 Jan 2020 17:30

Instrument :

MSVOA_Y

ClientSampleId :

QVD-SB-07-1.5-2

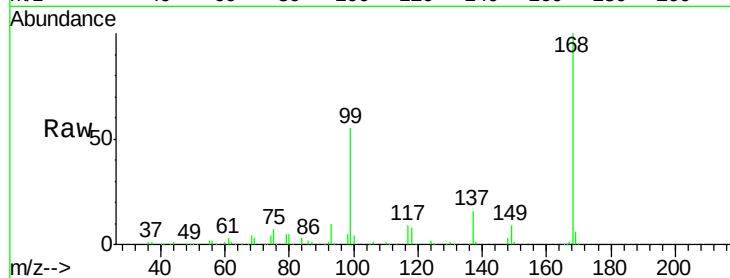
Tgt Ion: 56 Resp: 3531

Ion Ratio Lower Upper

56 100

69 183.4 27.8 41.8#

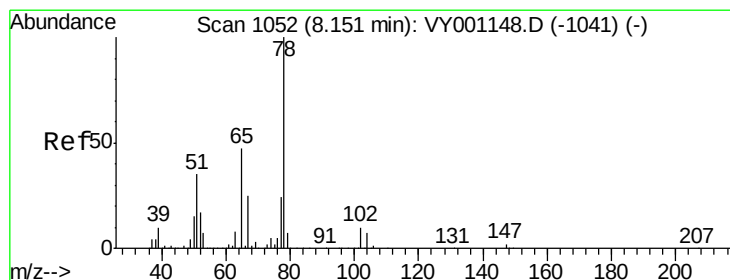
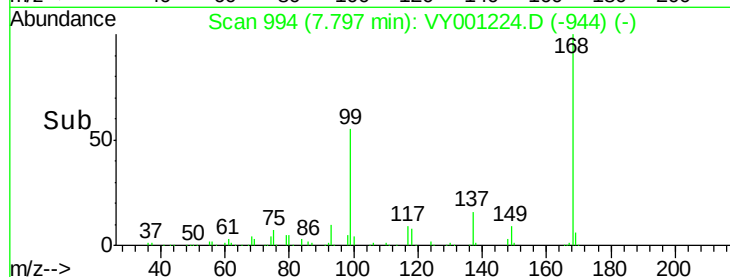
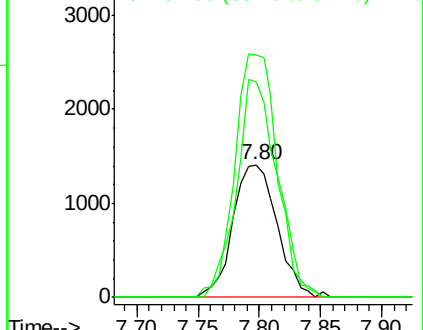
84 163.0 68.9 103.3#



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: 52.952 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY001224.D

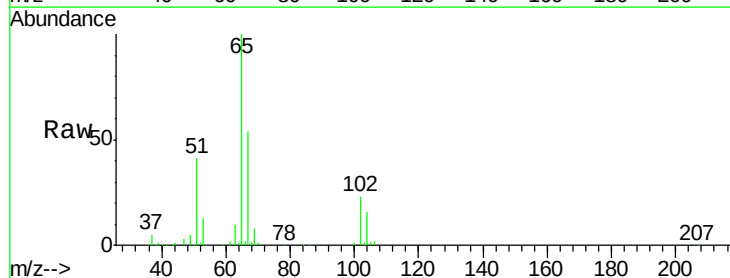
Acq: 15 Jan 2020 17:30

Tgt Ion: 65 Resp: 94090

Ion Ratio Lower Upper

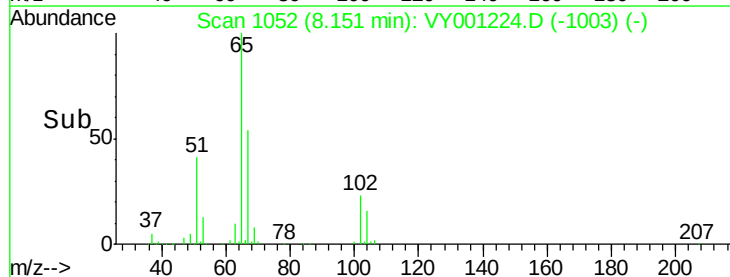
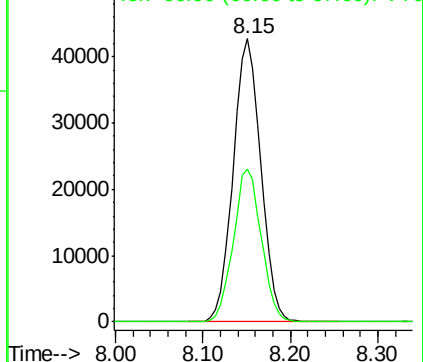
65 100

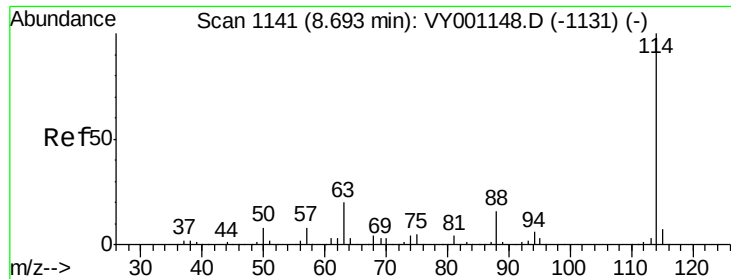
67 54.5 0.0 105.2



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: VY001224.D

Acq: 15 Jan 2020 17:30

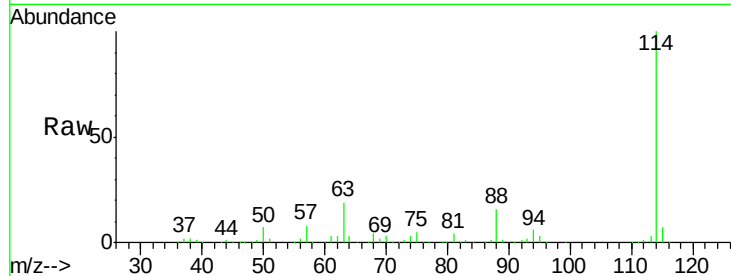
Instrument :

MSVOA_Y

ClientSampleId :

QVD-SB-07-1.5-2

Tgt Ion:	114	Resp:	301281
Ion	Ratio	Lower	Upper
114	100		
63	18.8	0.0	40.8
88	16.2	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

8.70

150000

100000

50000

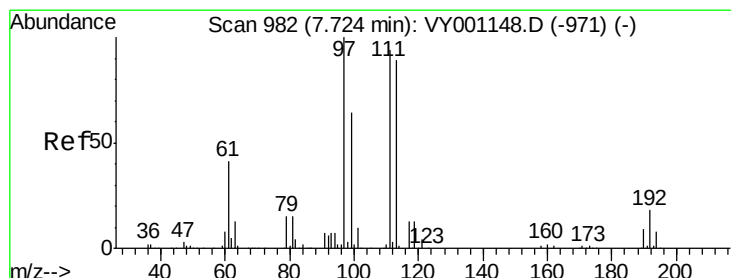
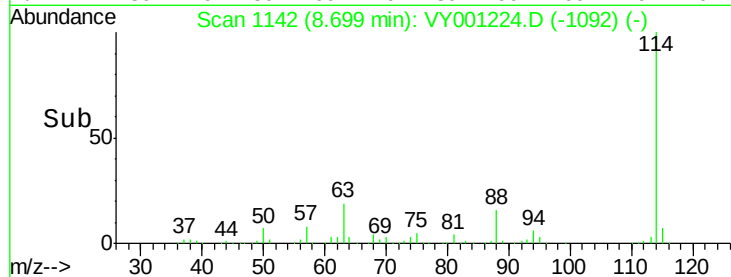
0

8.60

8.70

8.80

Time-->



#35

Dibromofluoromethane

Concen: 50.649 ug/l

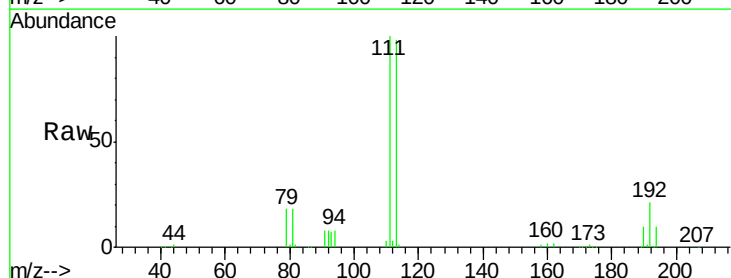
RT: 7.73 min Scan# 983

Delta R.T. 0.01 min

Lab File: VY001224.D

Acq: 15 Jan 2020 17:30

Tgt Ion:	113	Resp:	89345
Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.9	124.3
192	20.1	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

7.73

40000

30000

20000

10000

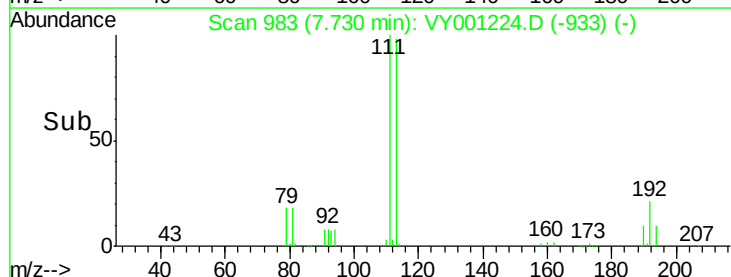
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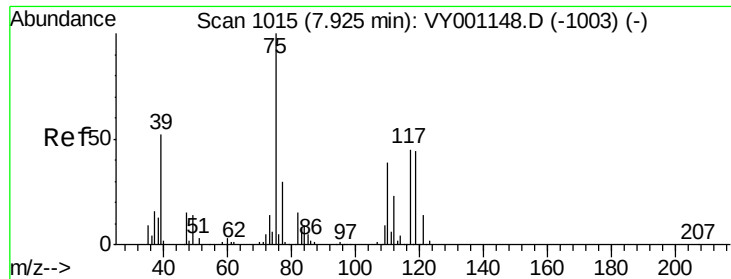
7.60

7.70

7.80

Time-->

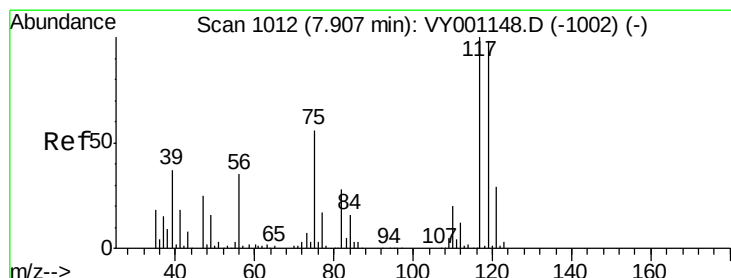
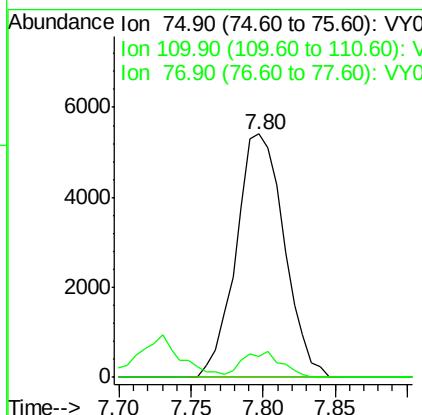
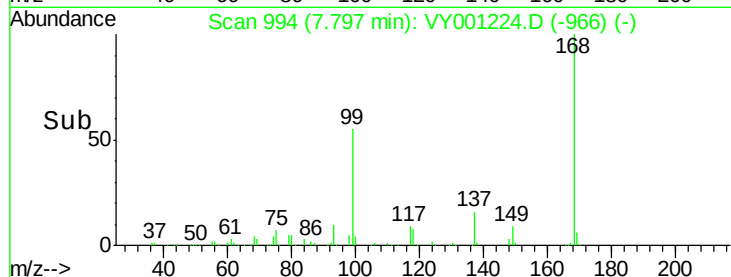
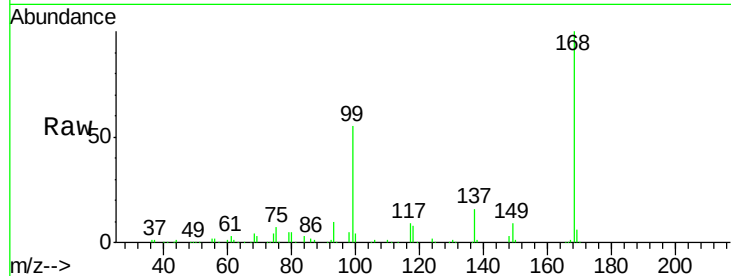




#36
 1,1-Dichloropropene
 Concen: 4.560 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY001224.D
 Acq: 15 Jan 2020 17:30

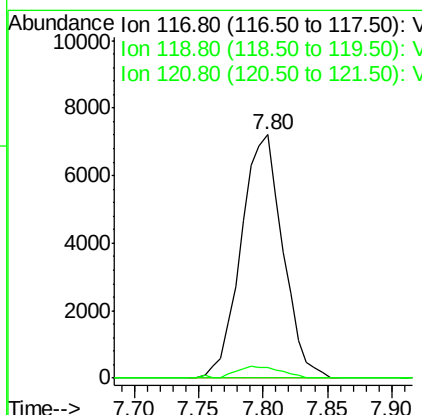
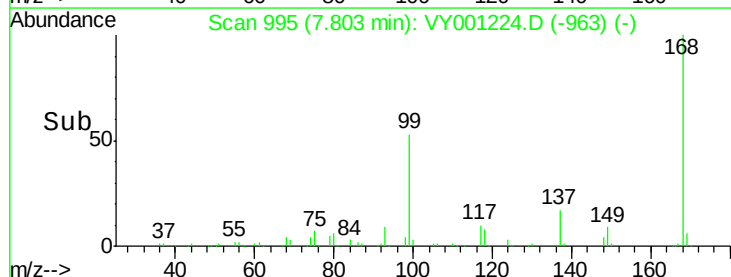
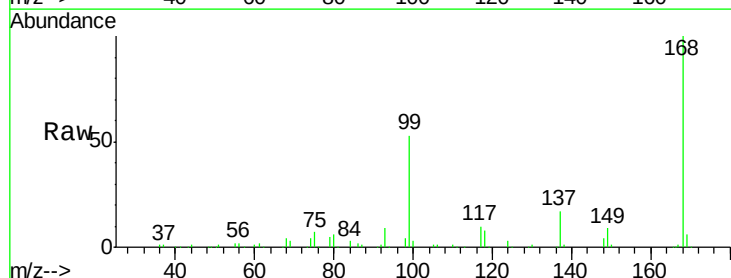
Instrument :
 MSVOA_Y
 ClientSampleId :
 QVD-SB-07-1.5-2

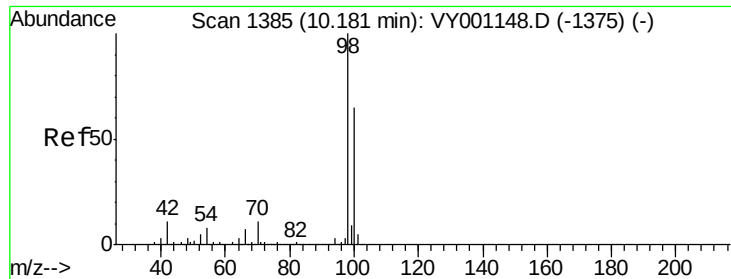
Tgt Ion: 75 Resp: 12522
 Ion Ratio Lower Upper
 75 100
 110 8.7 18.3 54.8#
 77 0.0 25.1 37.7#



#38
 Carbon Tetrachloride
 Concen: 6.431 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.10 min
 Lab File: VY001224.D
 Acq: 15 Jan 2020 17:30

Tgt Ion: 117 Resp: 16184
 Ion Ratio Lower Upper
 117 100
 119 4.4 78.3 117.5#
 121 0.0 23.5 35.3#





#50

Toluene-d8

Concen: 51.845 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY001224.D

Acq: 15 Jan 2020 17:30

Instrument :

MSVOA_Y

ClientSampleId :

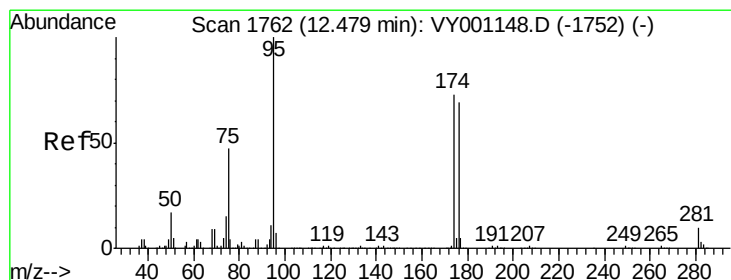
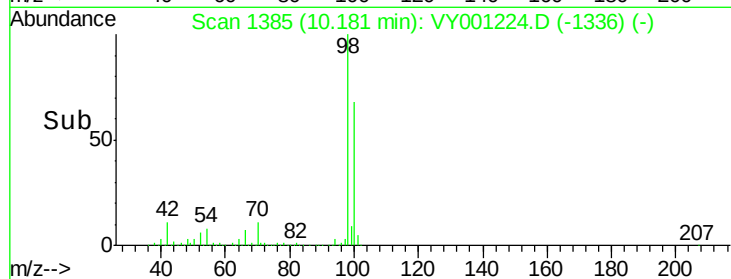
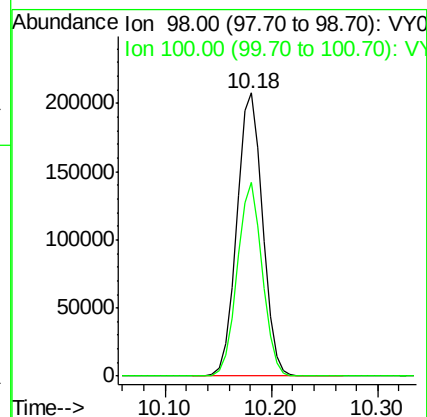
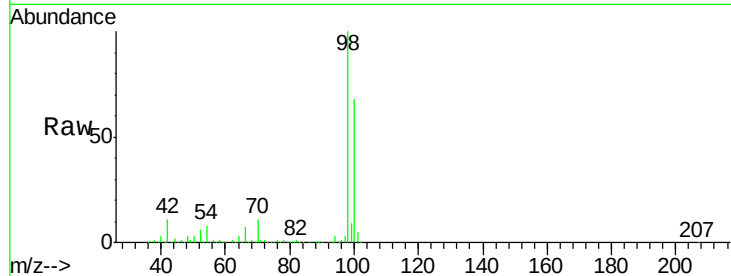
QVD-SB-07-1.5-2

Tgt Ion: 98 Resp: 352386

Ion Ratio Lower Upper

98 100

100 66.3 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 42.786 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY001224.D

Acq: 15 Jan 2020 17:30

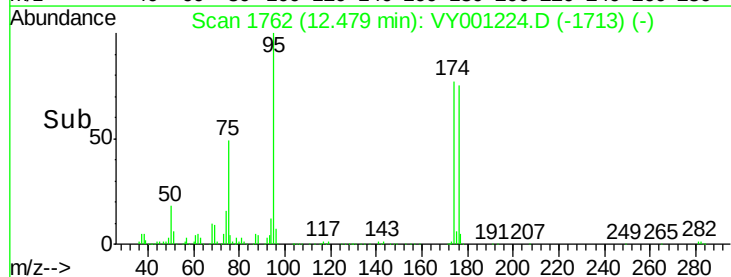
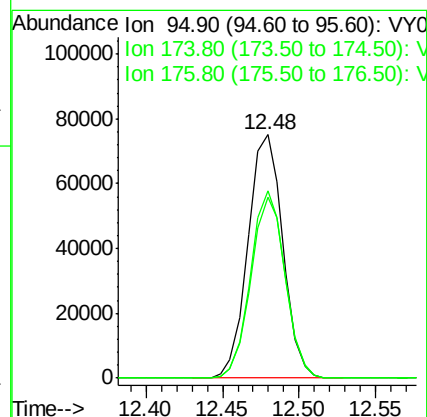
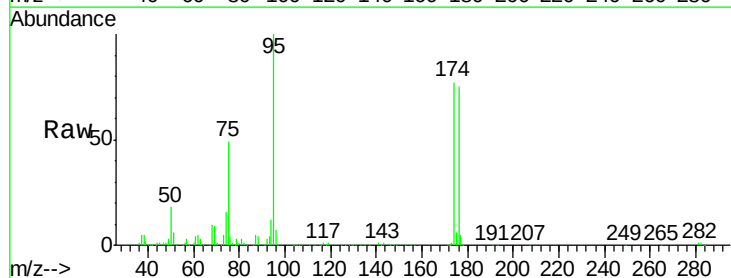
Tgt Ion: 95 Resp: 118893

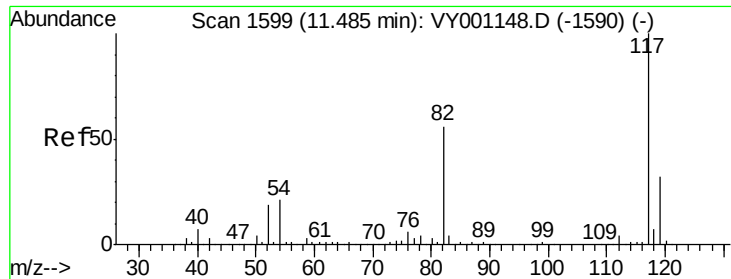
Ion Ratio Lower Upper

95 100

174 76.1 0.0 143.2

176 73.7 0.0 136.0

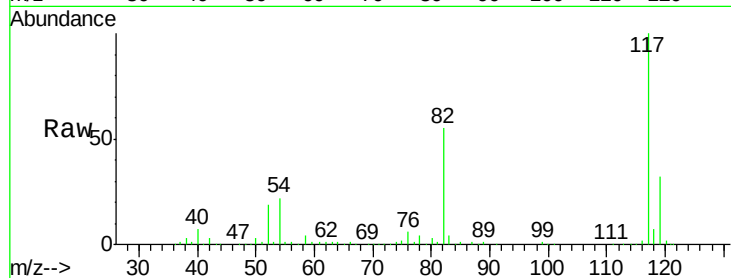




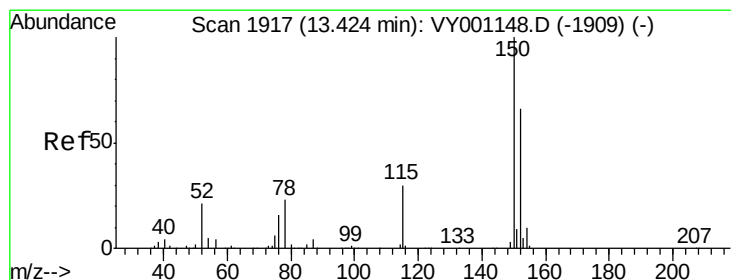
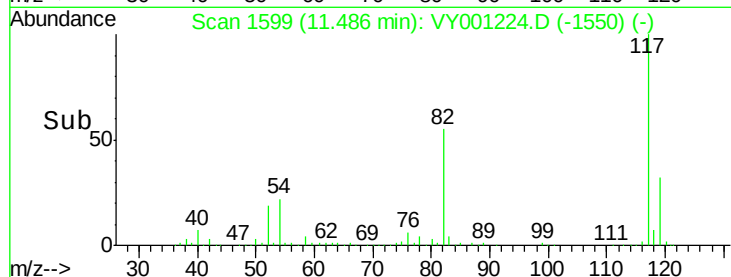
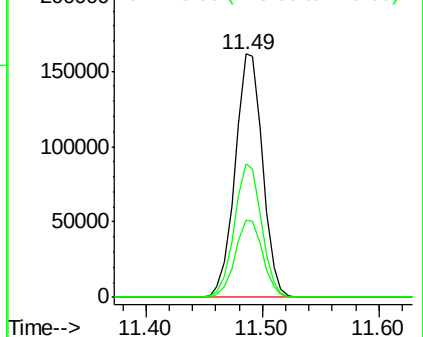
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VY001224.D
Acq: 15 Jan 2020 17:30

Instrument :
MSVOA_Y
ClientSampleId :
QVD-SB-07-1.5-2

Tgt Ion:117 Resp: 264763
Ion Ratio Lower Upper
117 100
82 55.0 44.9 67.3
119 31.8 25.7 38.5

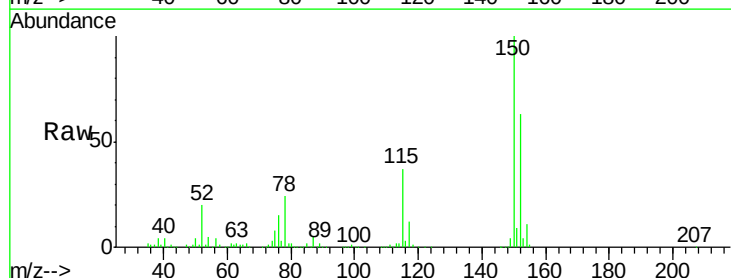


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

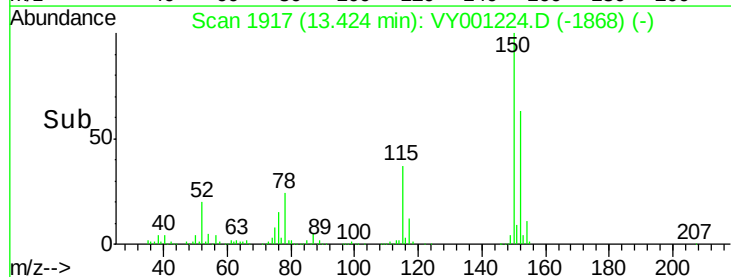
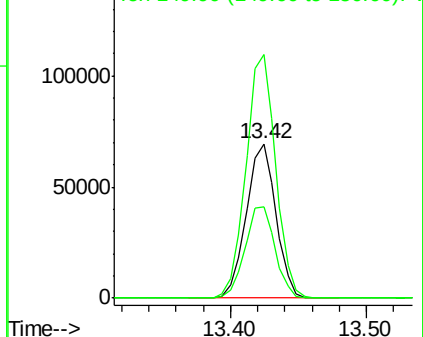


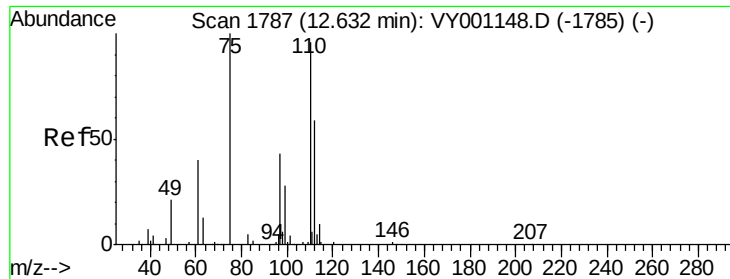
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY001224.D
Acq: 15 Jan 2020 17:30

Tgt Ion:152 Resp: 105936
Ion Ratio Lower Upper
152 100
115 59.7 30.9 92.5
150 157.5 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: 50.953 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY001224.D

Acq: 15 Jan 2020 17:30

Instrument :

MSVOA_Y

ClientSampleId :

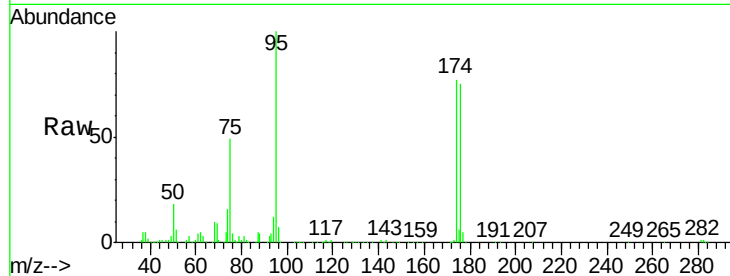
QVD-SB-07-1.5-2

Tgt Ion: 75 Resp: 57783

Ion Ratio Lower Upper

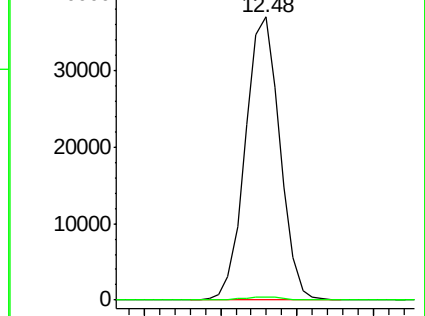
75 100

77 1.2 0.0 0.0#

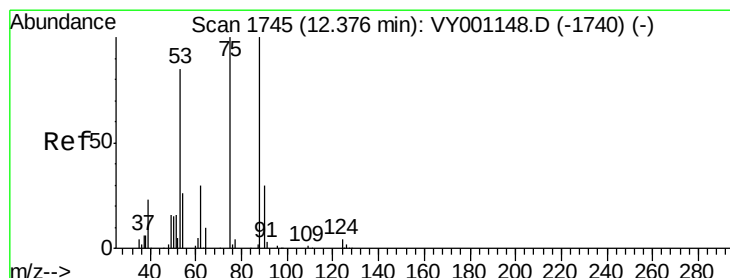
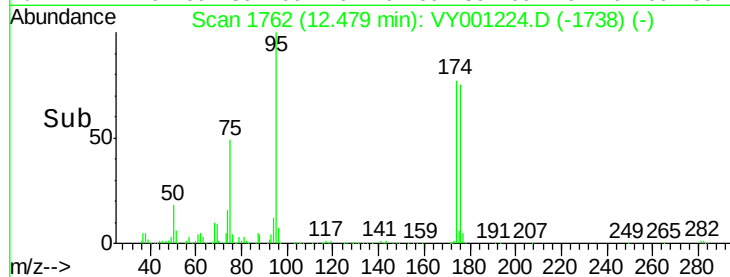


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0



Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 86.404 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY001224.D

Acq: 15 Jan 2020 17:30

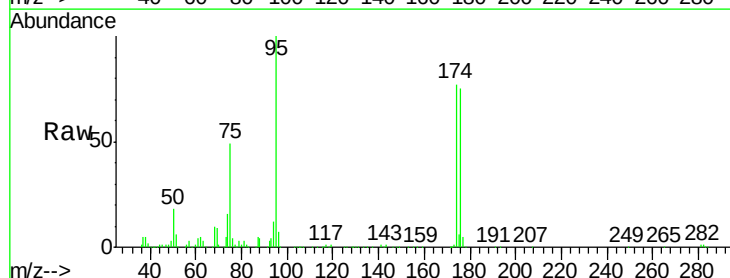
Tgt Ion: 75 Resp: 57783

Ion Ratio Lower Upper

75 100

53 0.0 69.4 104.2#

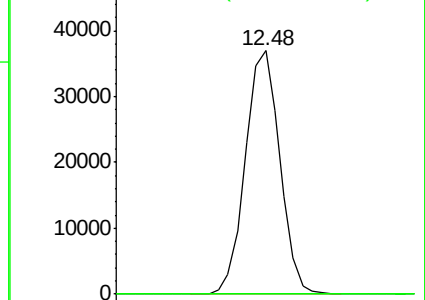
89 0.1 0.0 0.0#



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-->

