

Data File : VY002442.D
Acq On : 21 Apr 2020 18:40
Operator : SY/MD
Sample : L2332-02RE
Misc : 8.94G/5ML/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP-8-2

Quant Time: Apr 22 02:38:05 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042020S.M
Quant Title : SW846 8260
QLast Update : Mon Apr 20 15:14:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	225216	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	362106	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	314561	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	143184	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	94277	57.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.12%	
35) Dibromofluoromethane	7.74	113	103970	54.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.18%	
50) Toluene-d8	10.19	98	415629	53.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.90%	
62) 4-Bromofluorobenzene	12.49	95	123298	48.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.96%	

Target Compounds

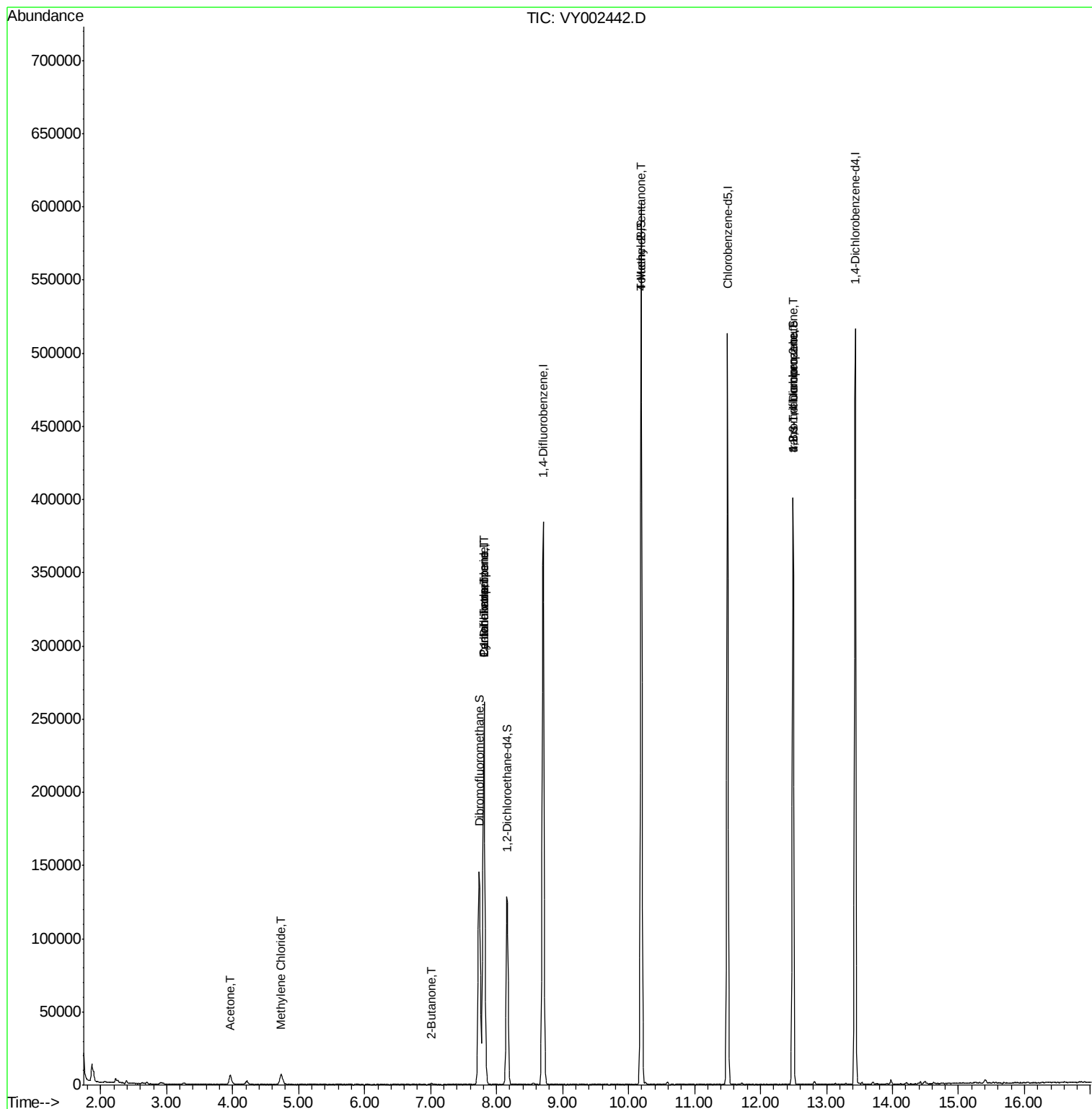
						Qvalue
16) Acetone	3.96	43	10529	24.054	ug/l	100
20) Methylene Chloride	4.74	84	6138	2.506	ug/l	90
25) 2-Butanone	7.02	43	1241	1.989	ug/l	96
31) Cyclohexane	7.80	56	3434	1.013	ug/l #	1
36) 1,1-Dichloropropene	7.81	75	13610	4.671	ug/l #	47
38) Carbon Tetrachloride	7.81	117	19256	6.561	ug/l #	14
51) 4-Methyl-2-Pentanone	10.19	43	1383	1.042	ug/l #	1
76) 1,2,3-Trichloropropane	12.49	75	56680	44.933	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	56680	87.571	ug/l #	19

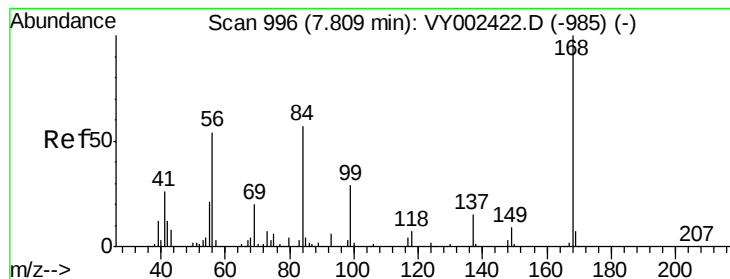
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.00 min

Lab File: VY002442.D

Acq: 21 Apr 2020 18:40

Instrument :

MSVOA_Y

ClientSampleId :

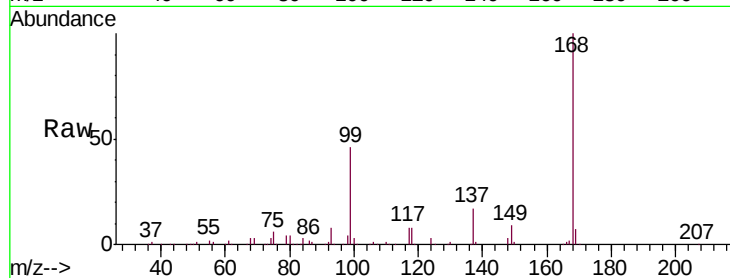
TP-8-2

Tgt Ion:168 Resp: 225216

Ion Ratio Lower Upper

168 100

99 46.1 37.0 55.4



Abundance Ion 167.90 (167.60 to 168.60): VY002442.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002442.D (-985) (-)

7.81

100000

80000

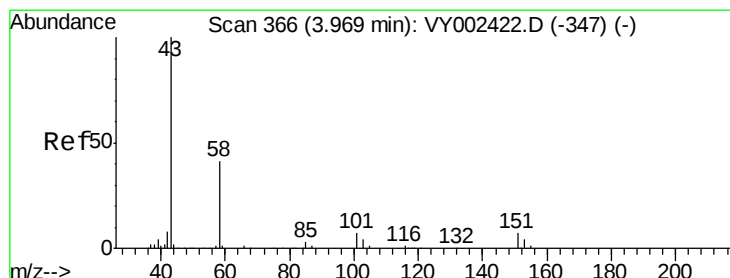
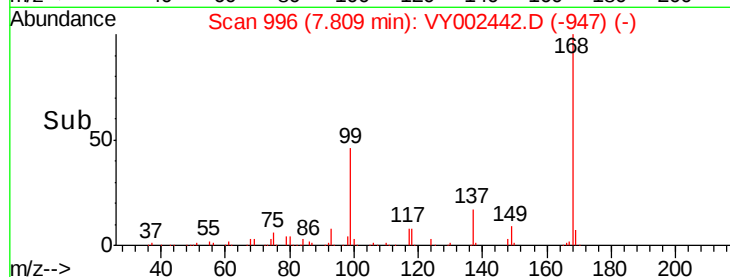
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 24.054 ug/l

RT: 3.96 min Scan# 365

Delta R.T. -0.01 min

Lab File: VY002442.D

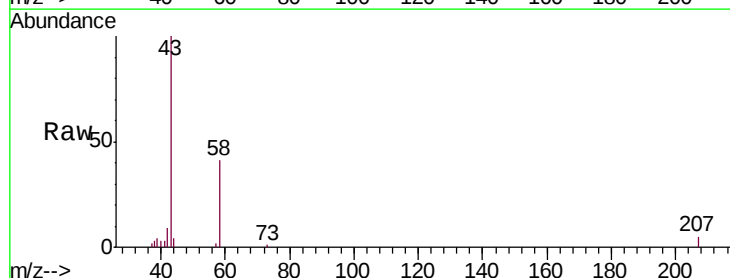
Acq: 21 Apr 2020 18:40

Tgt Ion: 43 Resp: 10529

Ion Ratio Lower Upper

43 100

58 40.8 32.6 48.8



Abundance Ion 43.00 (42.70 to 43.70): VY002442.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY002442.D (-347) (-)

3.96

4000

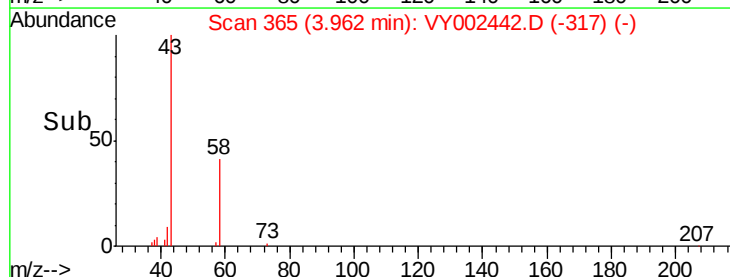
3000

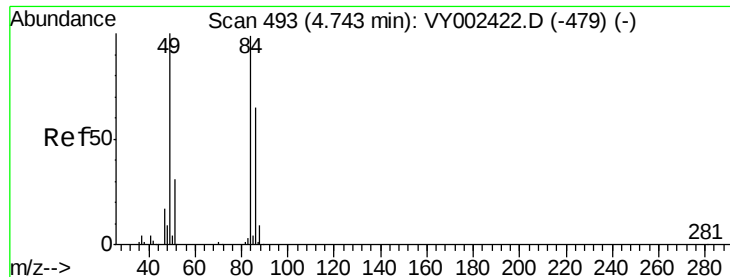
2000

1000

0

Time-->

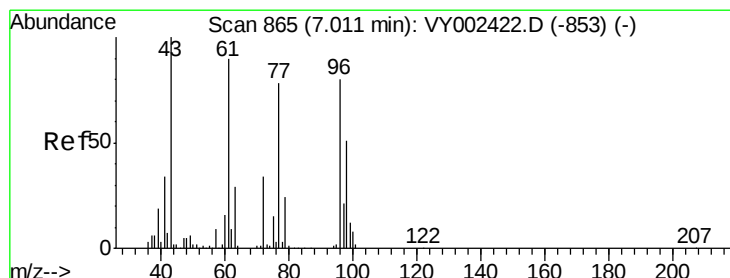
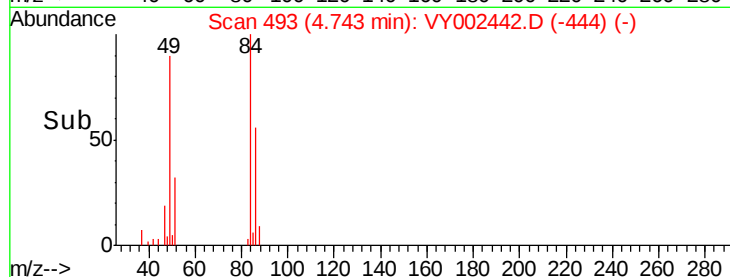
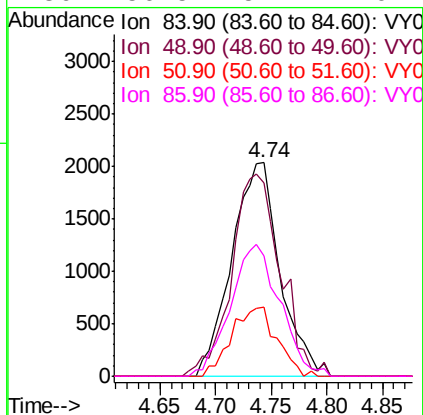
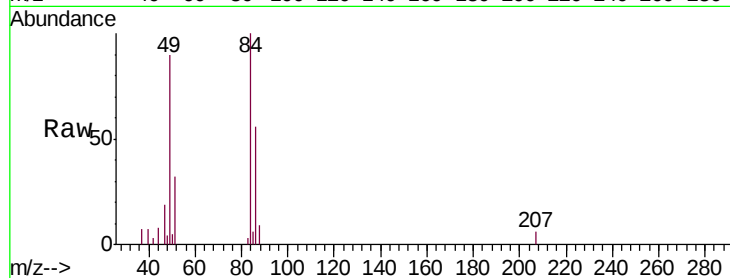




#20
Methylene Chloride
Concen: 2.506 ug/l
RT: 4.74 min Scan# 493
Delta R.T. 0.00 min
Lab File: VY002442.D
Acq: 21 Apr 2020 18:40

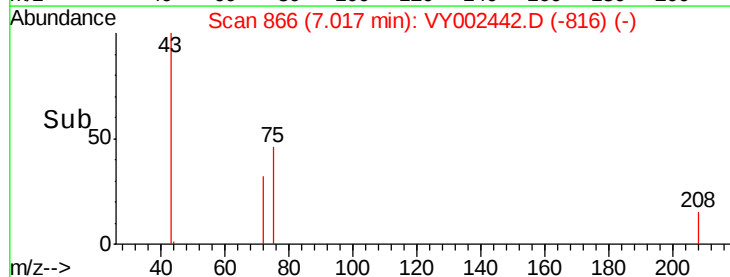
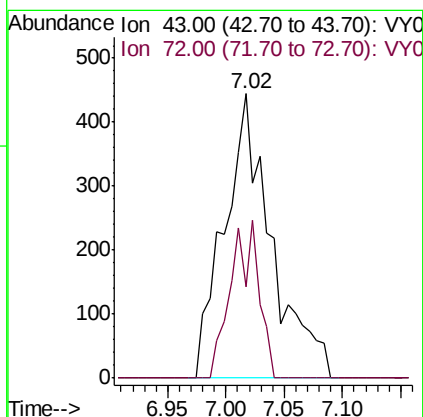
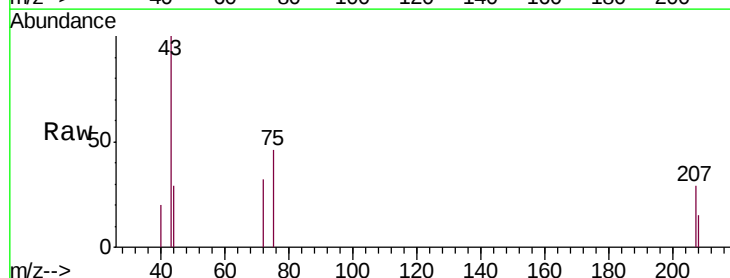
Instrument :
MSVOA_Y
ClientSampled :
TP-8-2

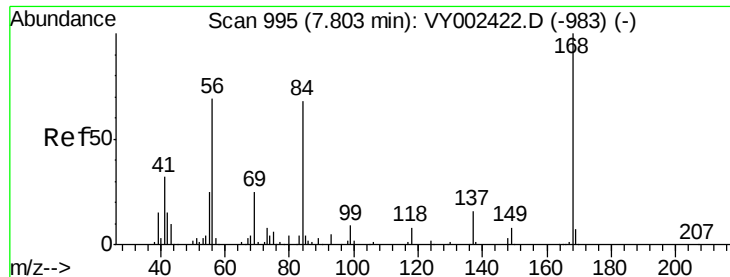
Tgt Ion:	84	Resp:	6138
Ion	Ratio	Lower	Upper
84	100		
49	90.4	81.0	121.6
51	32.4	24.9	37.3
86	56.5	52.7	79.1



#25
2-Butanone
Concen: 1.989 ug/l
RT: 7.02 min Scan# 866
Delta R.T. 0.01 min
Lab File: VY002442.D
Acq: 21 Apr 2020 18:40

Tgt Ion:	43	Resp:	1241
Ion	Ratio	Lower	Upper
43	100		
72	31.8	27.0	40.6

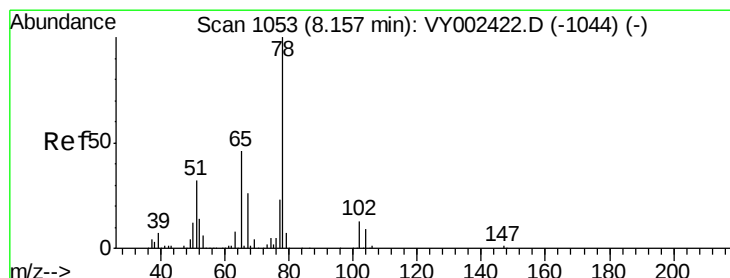
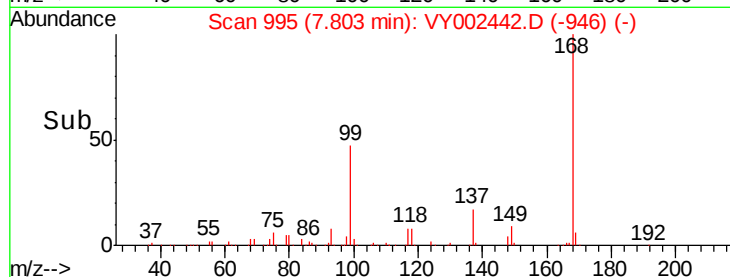
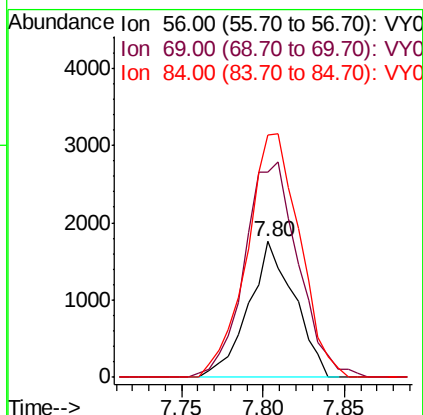
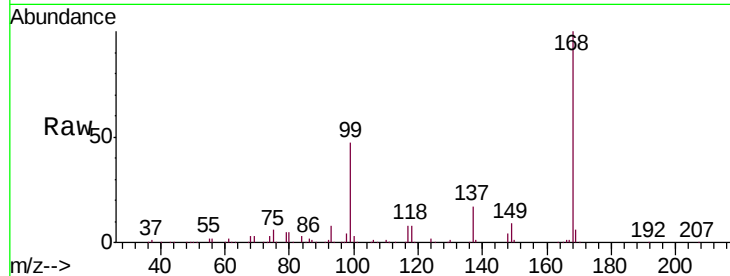




#31
Cyclohexane
Concen: 1.013 ug/l
RT: 7.80 min Scan# 995
Delta R.T. 0.00 min
Lab File: VY002442.D
Acq: 21 Apr 2020 18:40

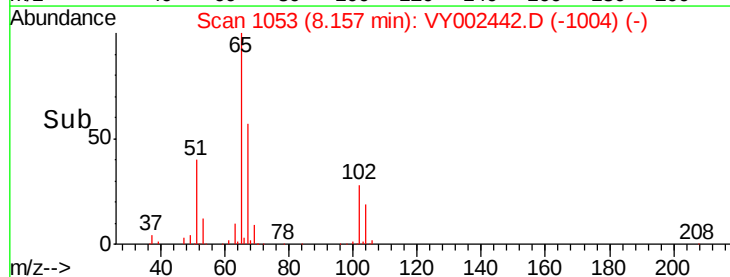
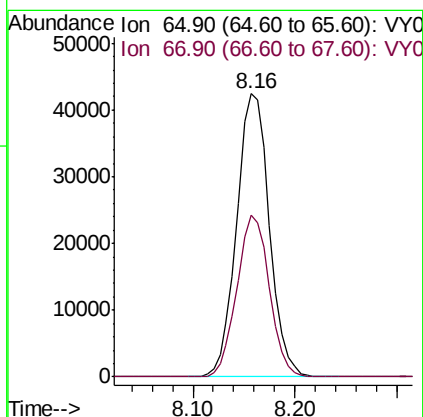
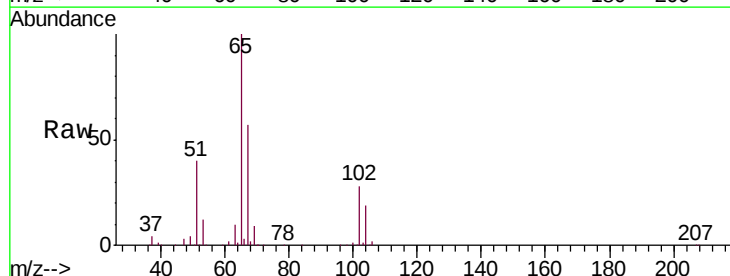
Instrument :
MSVOA_Y
ClientSampleId :
TP-8-2

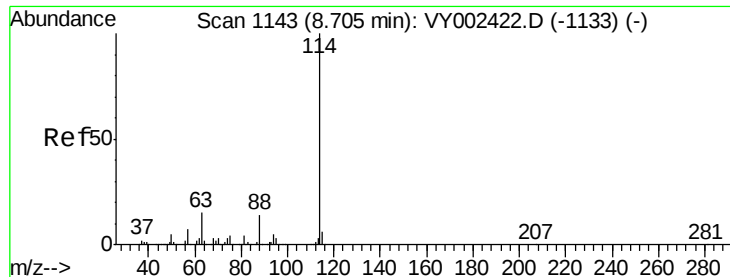
Tgt Ion: 56 Resp: 3434
Ion Ratio Lower Upper
56 100
69 150.8 29.1 43.7#
84 178.8 79.4 119.2#



#33
1,2-Dichloroethane-d4
Concen: 57.556 ug/l
RT: 8.16 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VY002442.D
Acq: 21 Apr 2020 18:40

Tgt Ion: 65 Resp: 94277
Ion Ratio Lower Upper
65 100
67 56.8 0.0 111.0

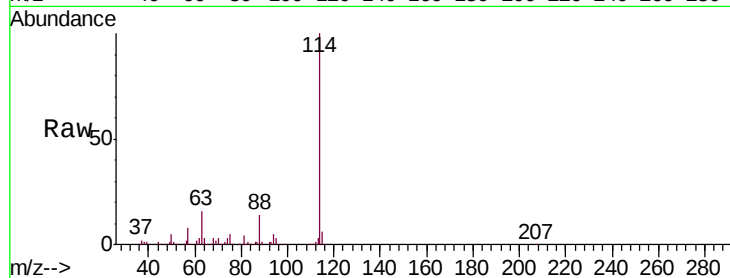




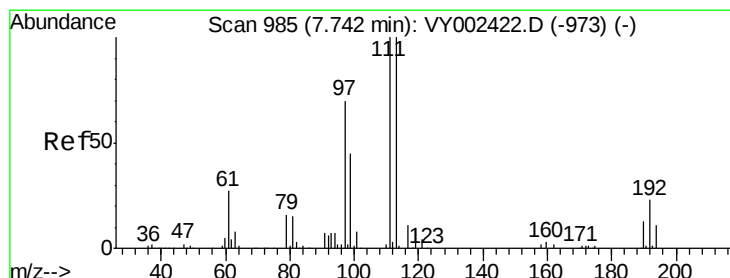
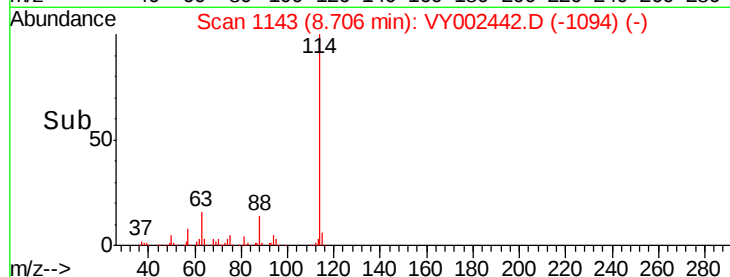
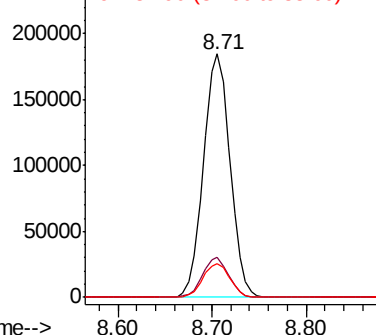
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. 0.00 min
 Lab File: VY002442.D
 Acq: 21 Apr 2020 18:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-8-2

Tgt Ion:114 Resp: 362106
 Ion Ratio Lower Upper
 114 100
 63 16.4 0.0 31.0
 88 14.0 0.0 28.2

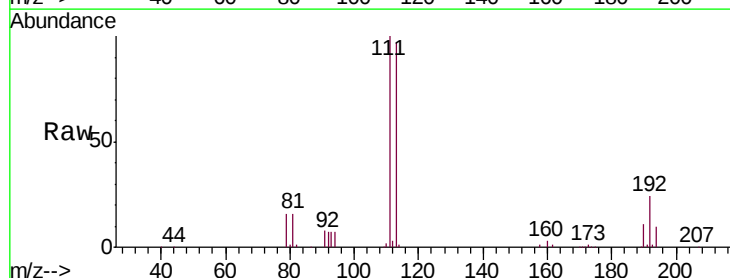


Abundance Ion 113.90 (113.60 to 114.60): V
 250000 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

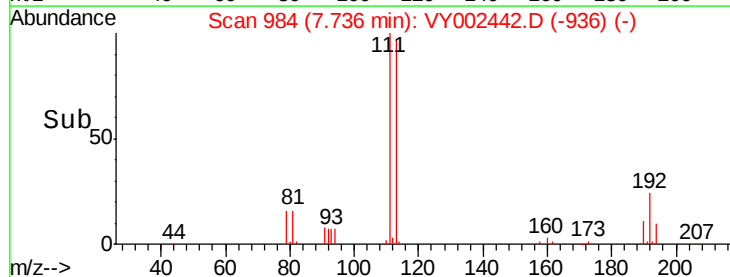
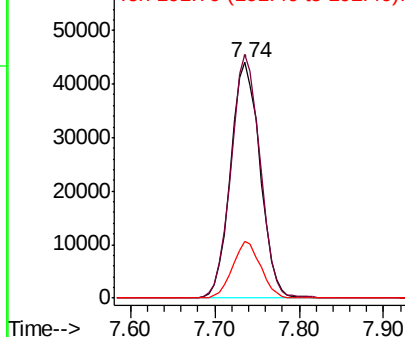


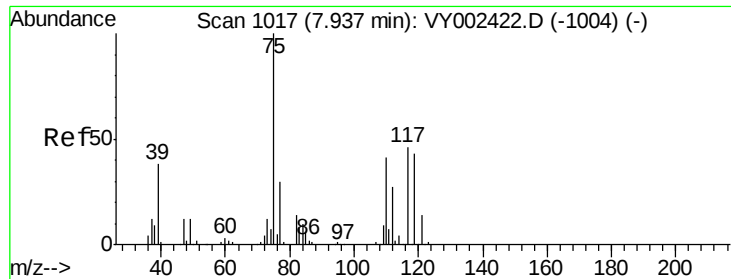
#35
 Dibromofluoromethane
 Concen: 54.589 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: VY002442.D
 Acq: 21 Apr 2020 18:40

Tgt Ion:113 Resp: 103970
 Ion Ratio Lower Upper
 113 100
 111 102.1 81.7 122.5
 192 22.9 17.8 26.6



Abundance Ion 112.80 (112.50 to 113.50): V
 60000 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

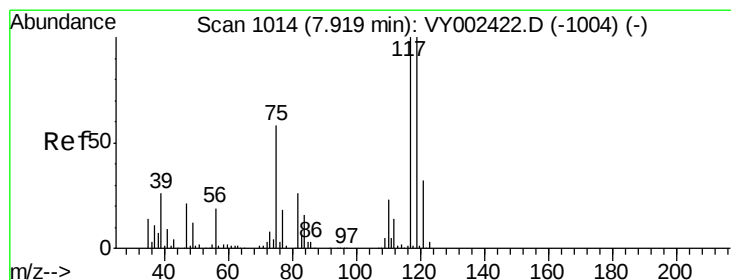
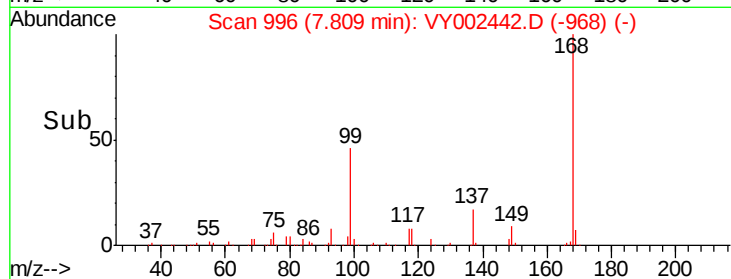
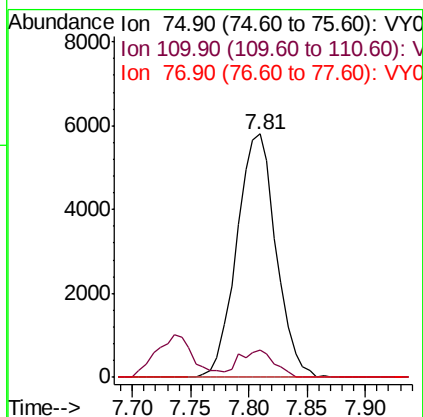
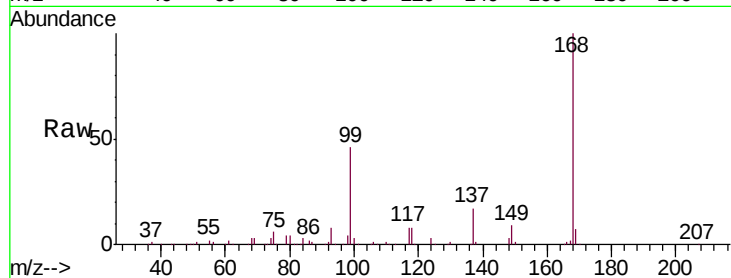




#36
 1,1-Dichloropropene
 Concen: 4.671 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.13 min
 Lab File: VY002442.D
 Acq: 21 Apr 2020 18:40

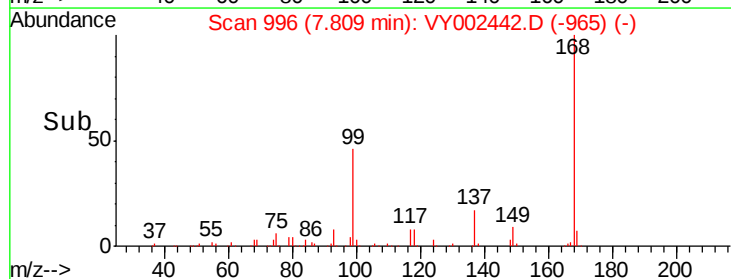
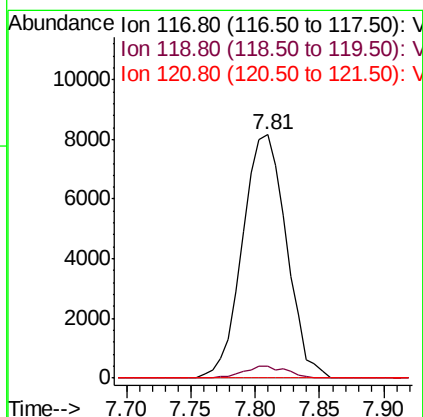
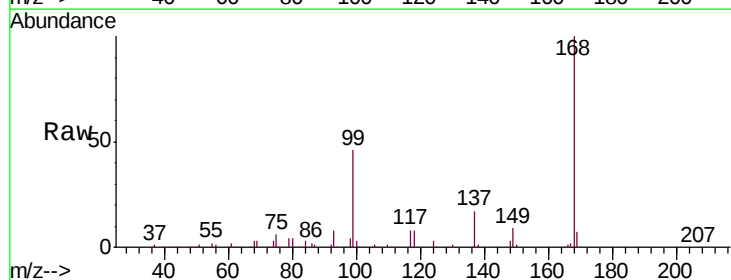
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-8-2

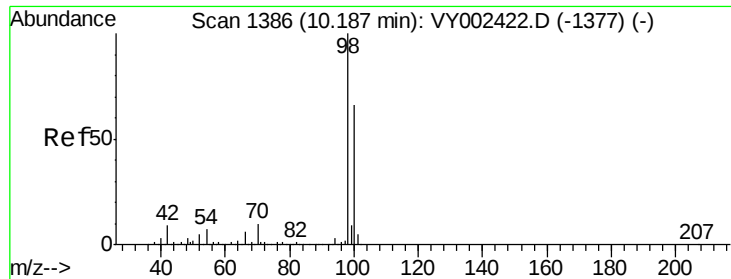
Tgt Ion: 75 Resp: 13610
 Ion Ratio Lower Upper
 75 100
 110 10.0 20.4 61.2#
 77 0.0 25.5 38.3#



#38
 Carbon Tetrachloride
 Concen: 6.561 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.11 min
 Lab File: VY002442.D
 Acq: 21 Apr 2020 18:40

Tgt Ion: 117 Resp: 19256
 Ion Ratio Lower Upper
 117 100
 119 4.9 79.6 119.4#
 121 0.0 25.4 38.2#





#50

Toluene-d8

Concen: 53.954 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY002442.D

Acq: 21 Apr 2020 18:40

Instrument :

MSVOA_Y

ClientSampled :

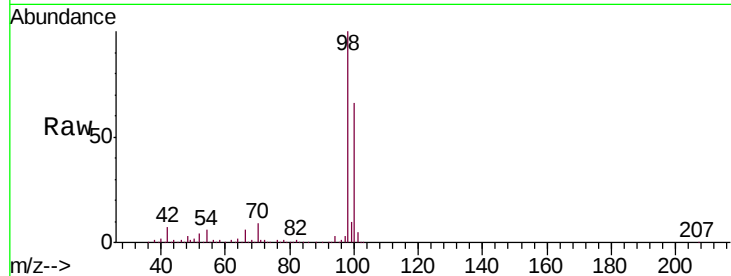
TP-8-2

Tgt Ion: 98 Resp: 415629

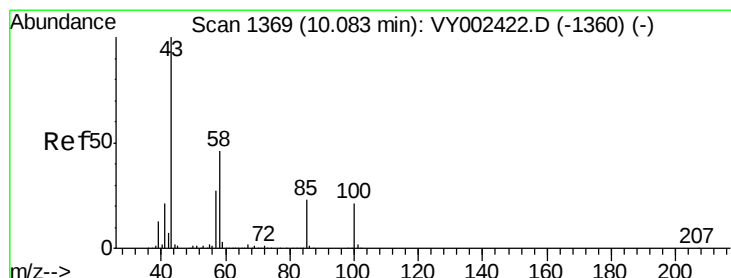
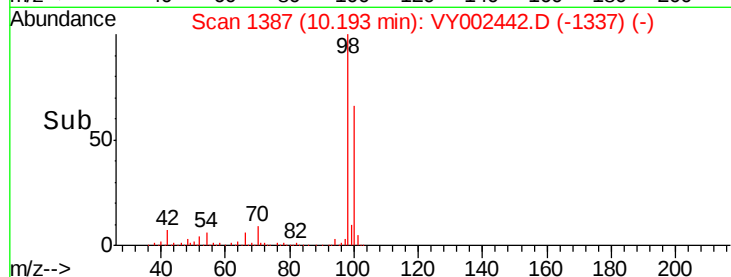
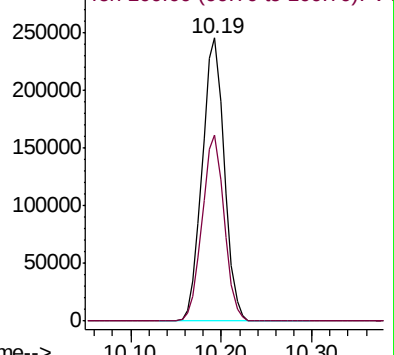
Ion Ratio Lower Upper

98 100

100 65.2 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VY002442.D (-1377) (-)



#51

4-Methyl-2-Pentanone

Concen: 1.042 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.11 min

Lab File: VY002442.D

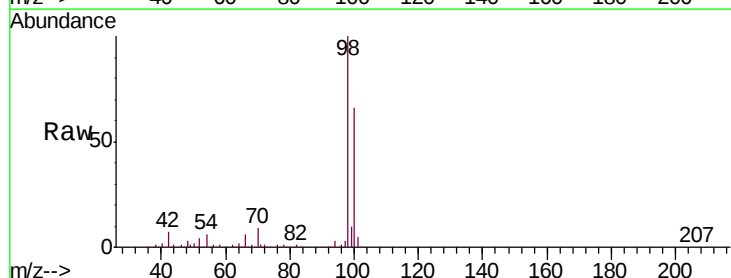
Acq: 21 Apr 2020 18:40

Tgt Ion: 43 Resp: 1383

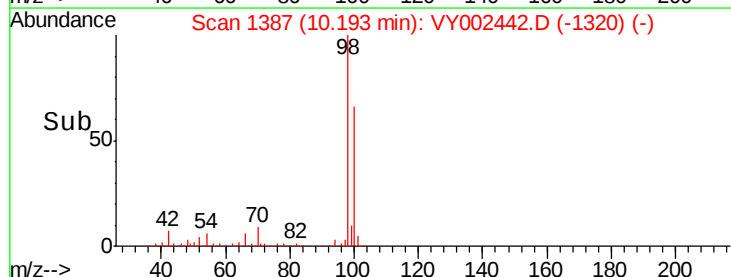
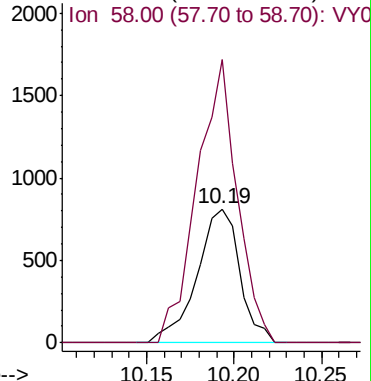
Ion Ratio Lower Upper

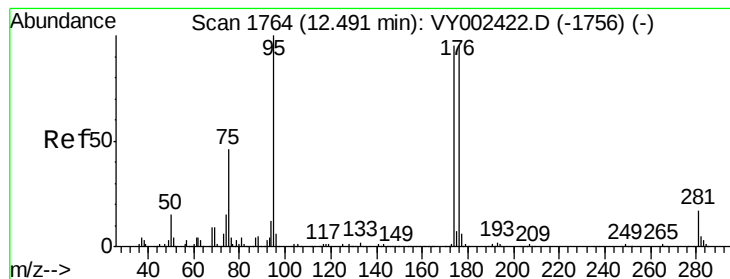
43 100

58 199.0 36.8 55.2#



Abundance Ion 43.00 (42.70 to 43.70): VY002442.D (-1320) (-)





#62

4-Bromofluorobenzene

Concen: 48.478 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VY002442.D

Acq: 21 Apr 2020 18:40

Instrument :

MSVOA_Y

ClientSampleId :

TP-8-2

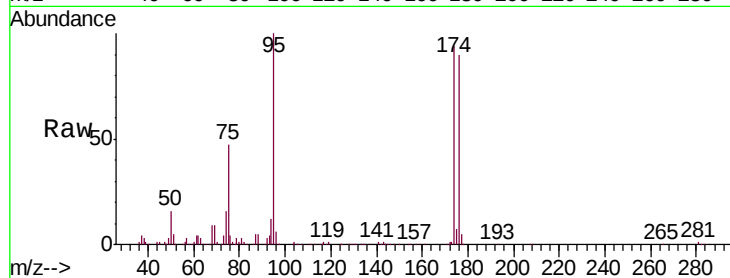
Tgt Ion: 95 Resp: 123298

Ion Ratio Lower Upper

95 100

174 94.2 0.0 185.8

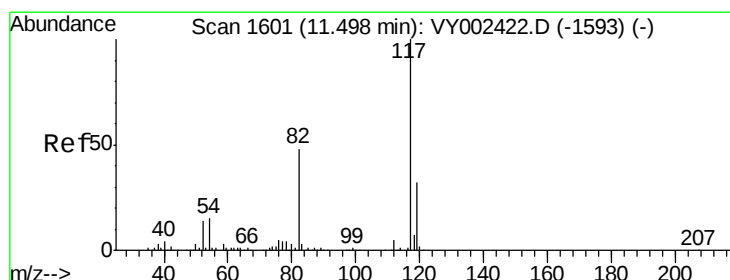
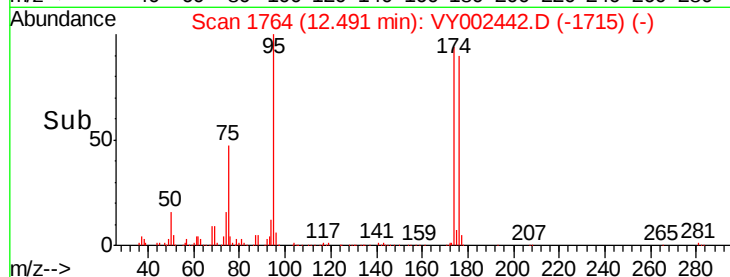
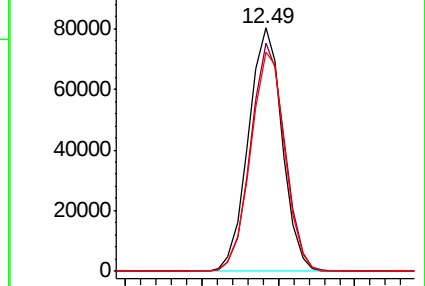
176 91.2 0.0 181.2



Abundance Ion 94.90 (94.60 to 95.60): VY002422.D (-1756) (-)

Ion 173.80 (173.50 to 174.50): VY002422.D (-1756) (-)

Ion 175.80 (175.50 to 176.50): VY002422.D (-1756) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.50 min Scan# 1602

Delta R.T. 0.01 min

Lab File: VY002442.D

Acq: 21 Apr 2020 18:40

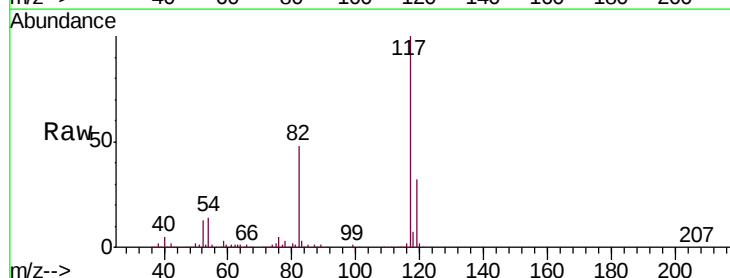
Tgt Ion: 117 Resp: 314561

Ion Ratio Lower Upper

117 100

82 48.2 38.4 57.6

119 32.2 25.3 37.9



Abundance Ion 116.90 (116.60 to 117.60): VY002422.D (-1593) (-)

Ion 82.00 (81.70 to 82.70): VY002422.D (-1593) (-)

Ion 118.90 (118.60 to 119.60): VY002422.D (-1593) (-)

