

Data File : VY002435.D
Acq On : 21 Apr 2020 16:03
Operator : SY/MD
Sample : L2327-05RE
Misc : 6.73G/5ML/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP-1-D2

Quant Time: Apr 22 02:36:31 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

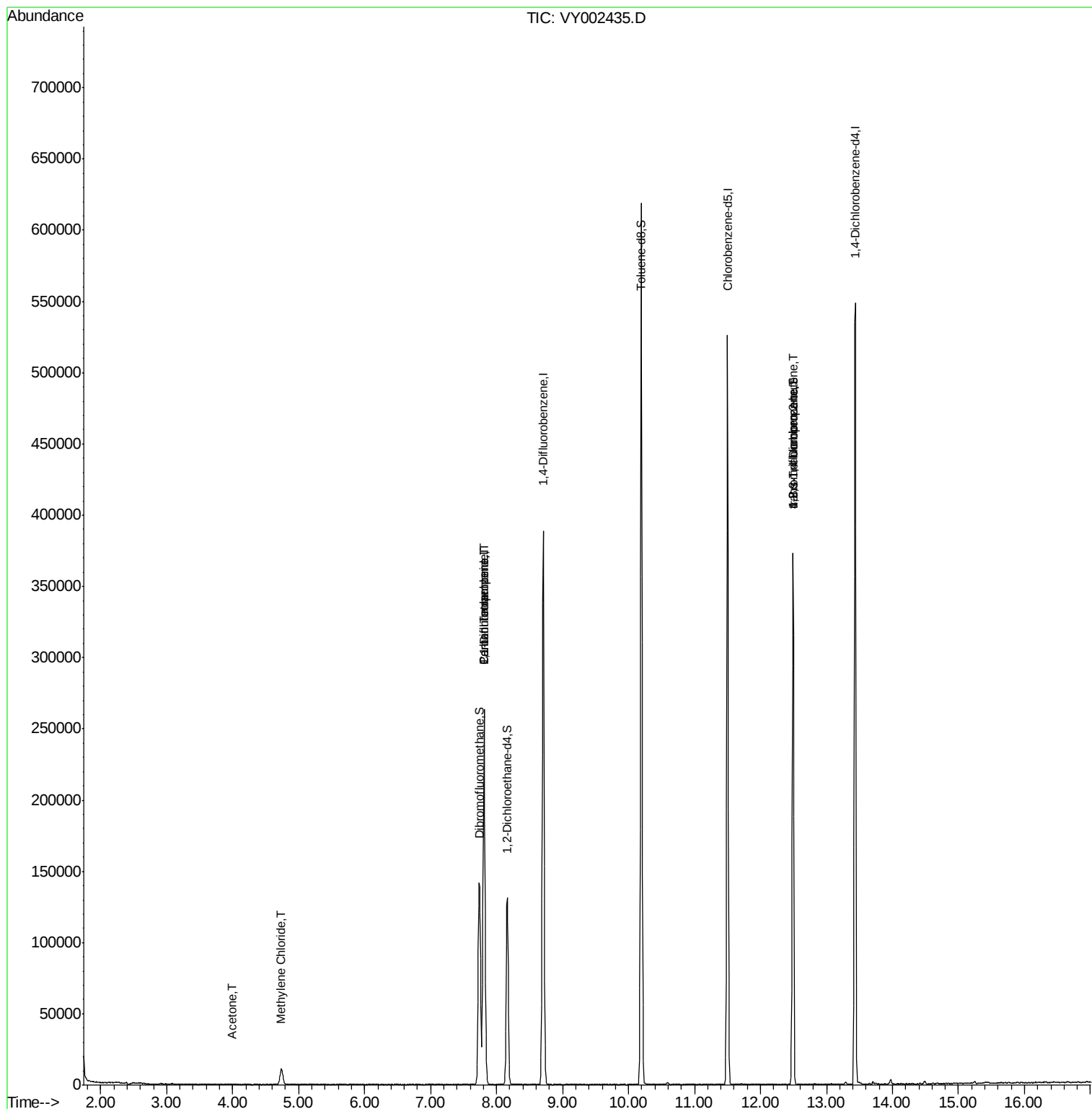
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	227245	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	363271	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	325987	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	156013	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	95944	58.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.10%	
35) Dibromofluoromethane	7.74	113	104420	54.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.30%	
50) Toluene-d8	10.19	98	419865	54.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.66%	
62) 4-Bromofluorobenzene	12.49	95	109479	42.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.82%	
Target Compounds						
16) Acetone	3.99	43	513	1.161	ug/l #	65
20) Methylene Chloride	4.74	84	9903	4.007	ug/l #	85
36) 1,1-Dichloropropene	7.81	75	12761	4.366	ug/l #	48
38) Carbon Tetrachloride	7.81	117	19094	6.485	ug/l #	16
76) 1,2,3-Trichloropropane	12.49	75	50941	37.063	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	50941	72.233	ug/l #	19

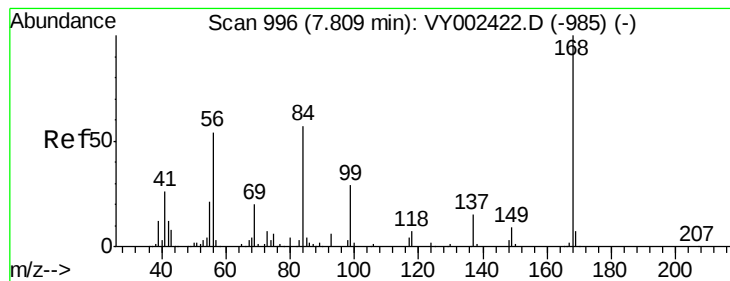
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY002435.D

Acq: 21 Apr 2020 16:03

Instrument :

MSVOA_Y

ClientSampleId :

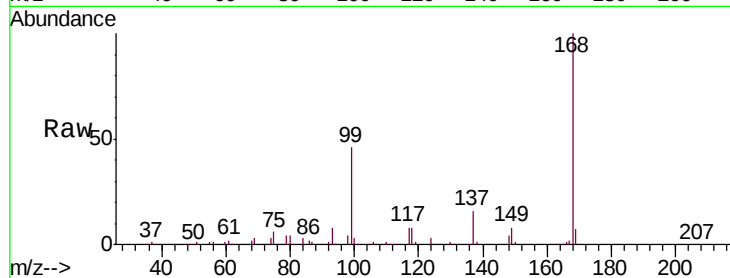
TP-1-D2

Tgt Ion:168 Resp: 227245

Ion Ratio Lower Upper

168 100

99 46.3 37.0 55.4



Abundance Ion 167.90 (167.60 to 168.60): VY002422.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002422.D (-985) (-)

7.81

100000

80000

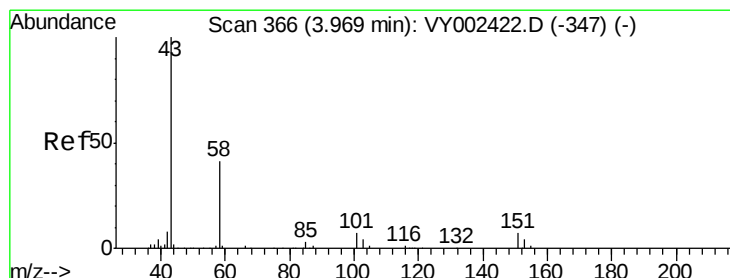
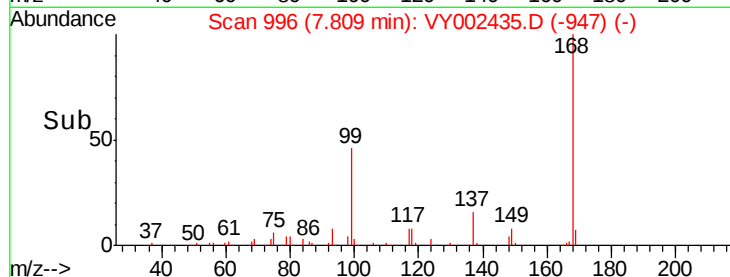
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 1.161 ug/l

RT: 3.99 min Scan# 369

Delta R.T. 0.02 min

Lab File: VY002435.D

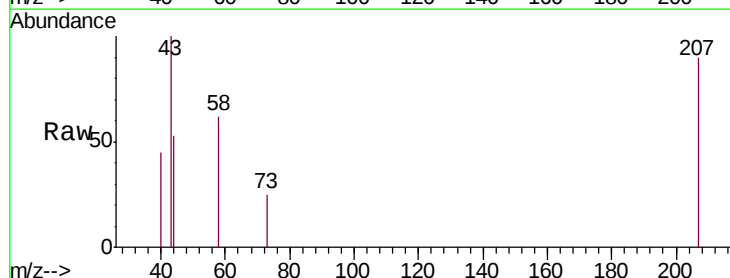
Acq: 21 Apr 2020 16:03

Tgt Ion: 43 Resp: 513

Ion Ratio Lower Upper

43 100

58 62.4 32.6 48.8#



Abundance Ion 43.00 (42.70 to 43.70): VY002422.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY002422.D (-347) (-)

3.99

300

250

200

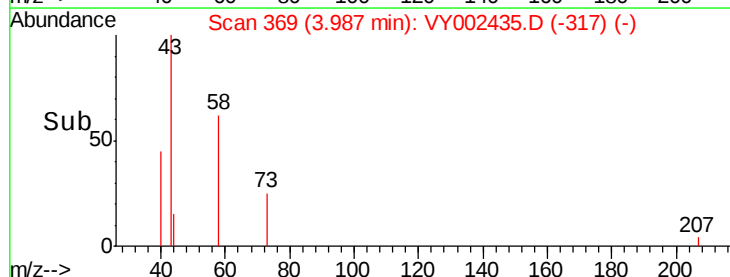
150

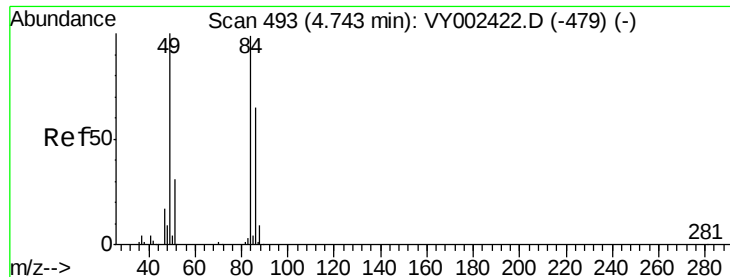
100

50

0

Time-->

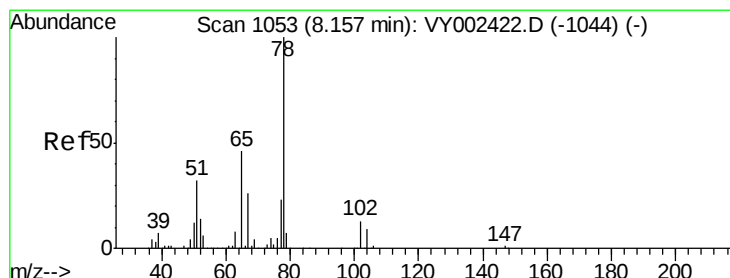
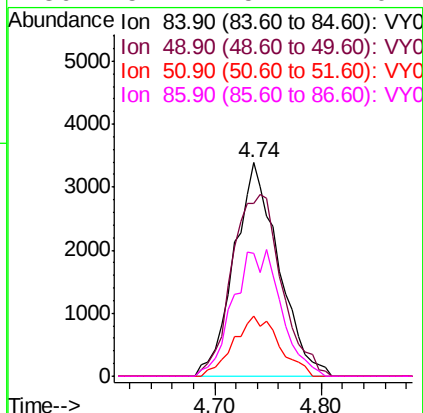
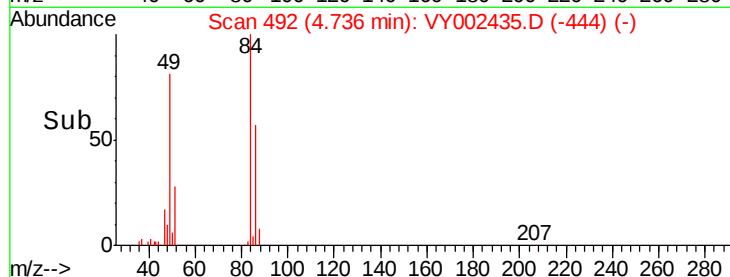
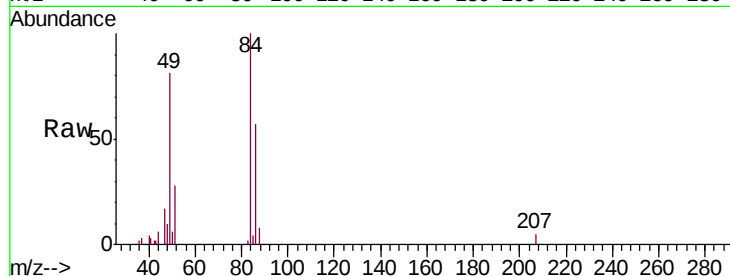




#20
Methylene Chloride
Concen: 4.007 ug/l
RT: 4.74 min Scan# 492
Delta R.T. -0.01 min
Lab File: VY002435.D
Acq: 21 Apr 2020 16:03

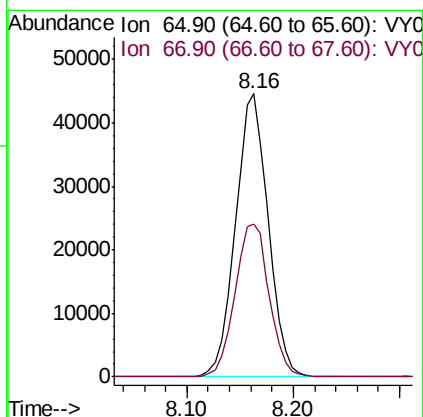
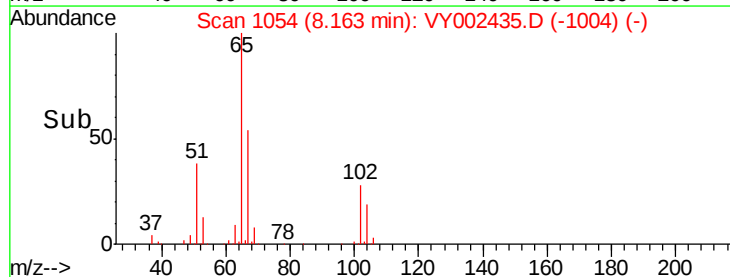
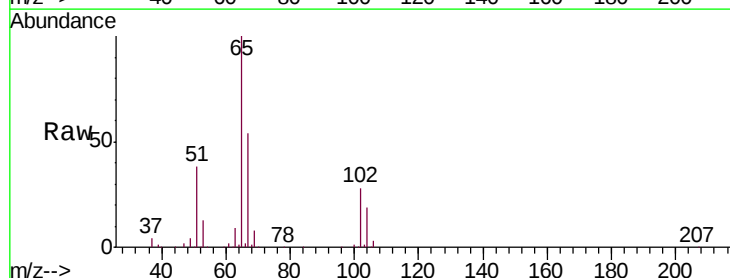
Instrument :
MSVOA_Y
ClientSampleId :
TP-1-D2

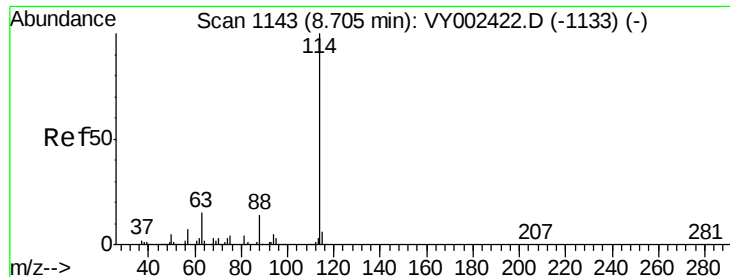
Tgt Ion: 84 Resp: 9903
Ion Ratio Lower Upper
84 100
49 80.9 81.0 121.6#
51 27.9 24.9 37.3
86 57.2 52.7 79.1



#33
1,2-Dichloroethane-d4
Concen: 58.050 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. 0.01 min
Lab File: VY002435.D
Acq: 21 Apr 2020 16:03

Tgt Ion: 65 Resp: 95944
Ion Ratio Lower Upper
65 100
67 56.5 0.0 111.0

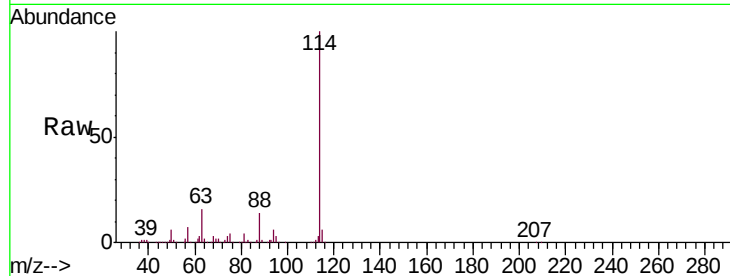




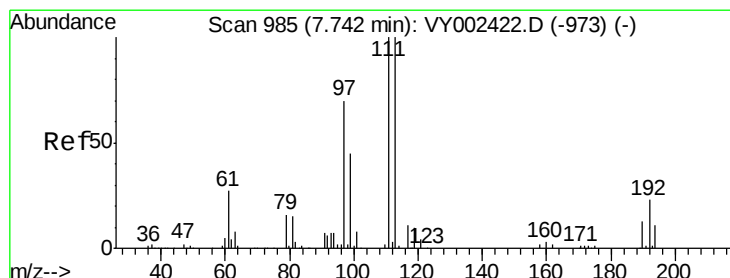
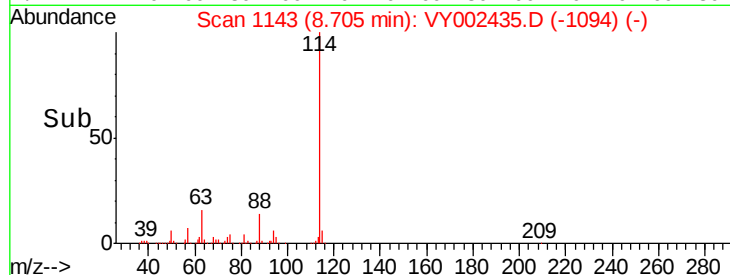
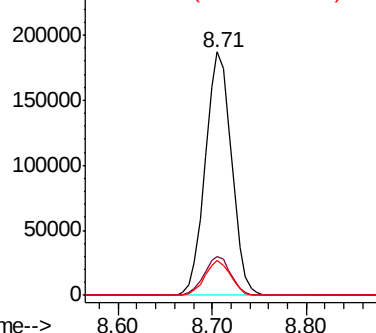
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.00 min
 Lab File: VY002435.D
 Acq: 21 Apr 2020 16:03

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1-D2

Tgt Ion:114 Resp: 363271
 Ion Ratio Lower Upper
 114 100
 63 16.1 0.0 31.0
 88 14.4 0.0 28.2

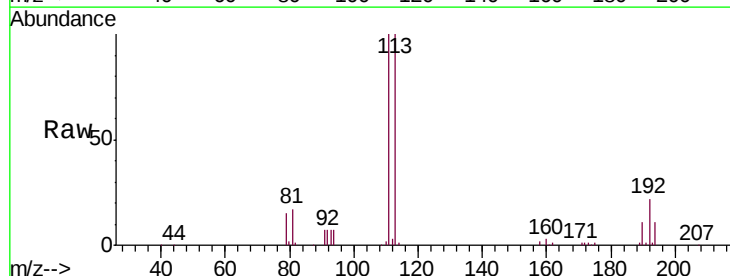


Abundance Ion 113.90 (113.60 to 114.60): V
 250000 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

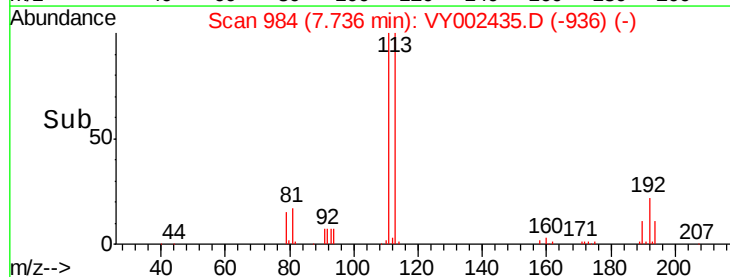
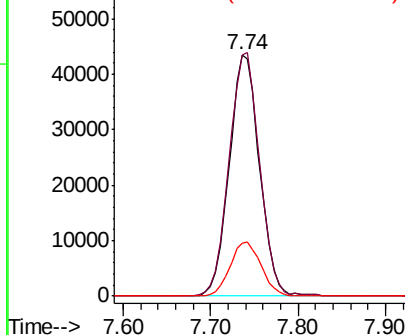


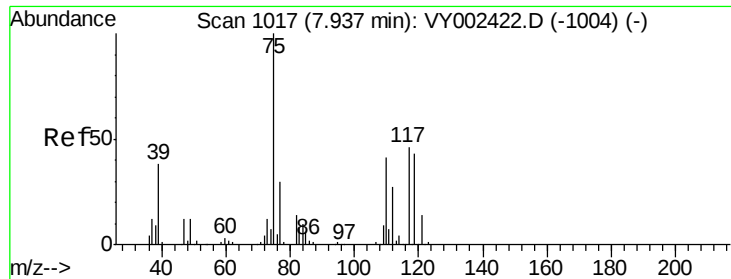
#35
 Dibromofluoromethane
 Concen: 54.649 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: VY002435.D
 Acq: 21 Apr 2020 16:03

Tgt Ion:113 Resp: 104420
 Ion Ratio Lower Upper
 113 100
 111 102.1 81.7 122.5
 192 23.0 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

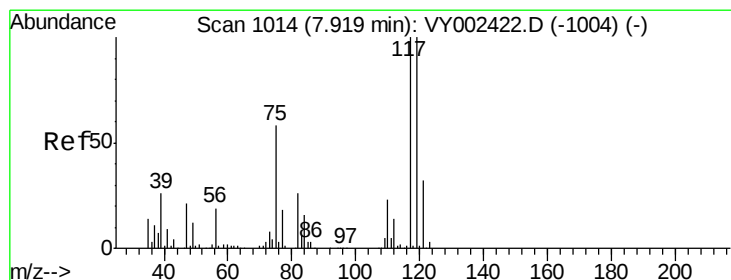
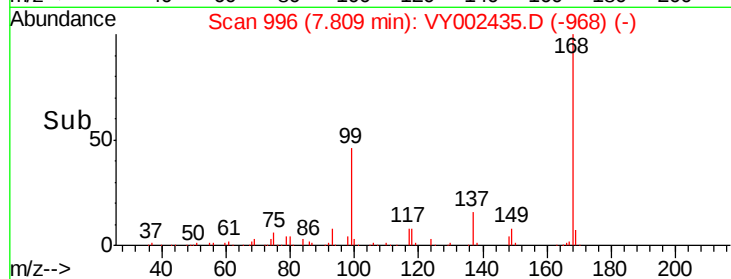
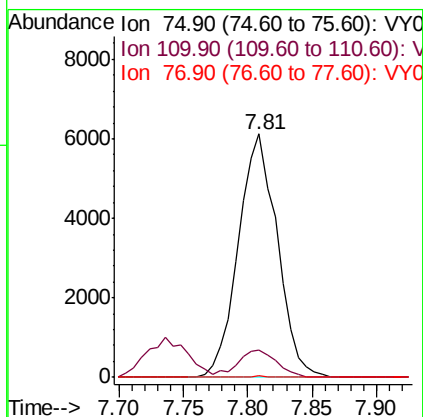
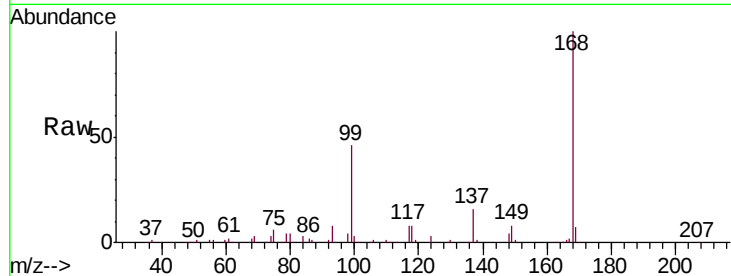




#36
 1,1-Dichloropropene
 Concen: 4.366 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.13 min
 Lab File: VY002435.D
 Acq: 21 Apr 2020 16:03

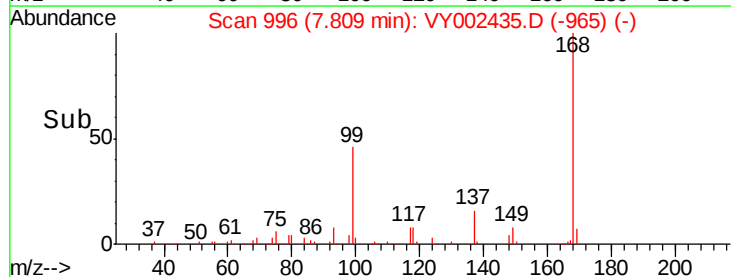
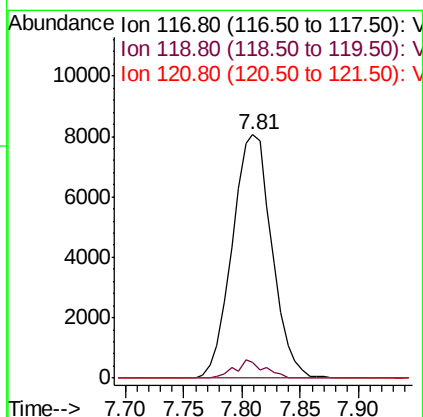
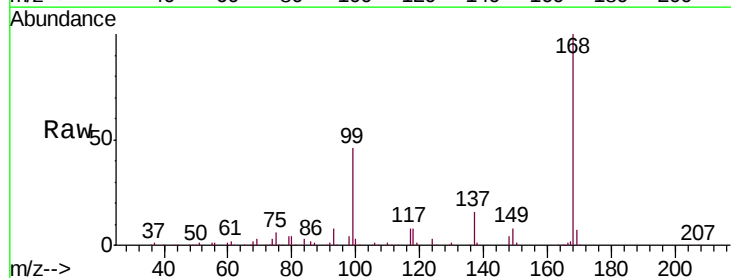
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1-D2

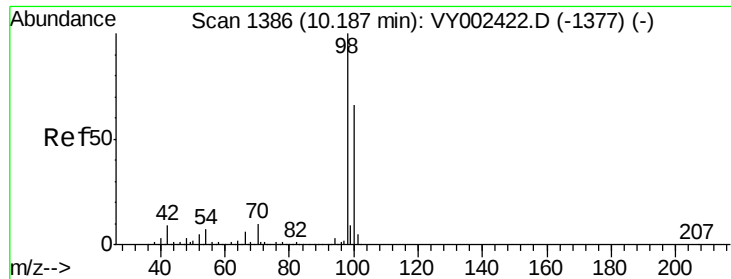
Tgt Ion: 75 Resp: 12761
 Ion Ratio Lower Upper
 75 100
 110 11.3 20.4 61.2#
 77 0.2 25.5 38.3#



#38
 Carbon Tetrachloride
 Concen: 6.485 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.11 min
 Lab File: VY002435.D
 Acq: 21 Apr 2020 16:03

Tgt Ion: 117 Resp: 19094
 Ion Ratio Lower Upper
 117 100
 119 6.6 79.6 119.4#
 121 0.0 25.4 38.2#





#50

Toluene-d8

Concen: 54.329 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY002435.D

Acq: 21 Apr 2020 16:03

Instrument :

MSVOA_Y

ClientSampleId :

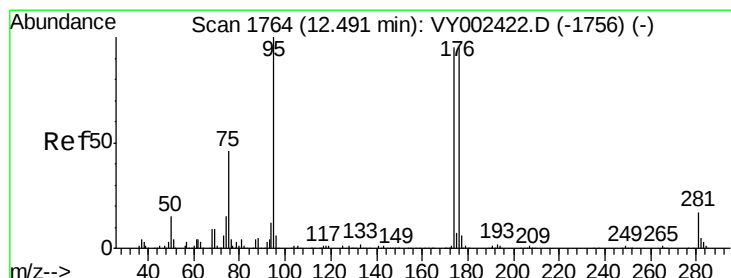
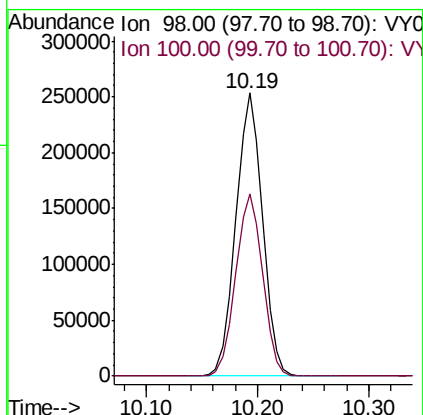
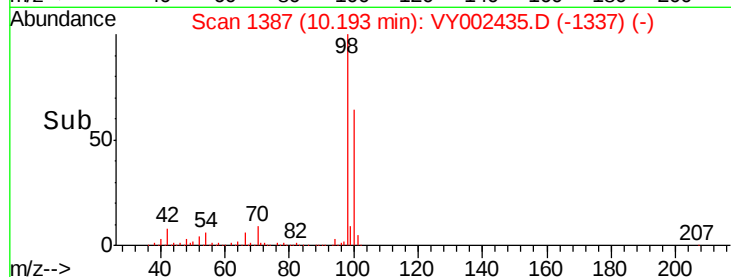
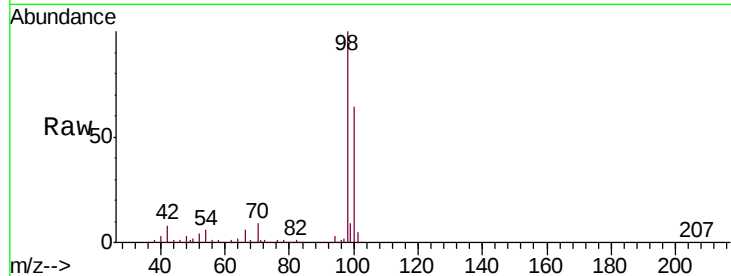
TP-1-D2

Tgt Ion: 98 Resp: 419865

Ion Ratio Lower Upper

98 100

100 65.0 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 42.907 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.00 min

Lab File: VY002435.D

Acq: 21 Apr 2020 16:03

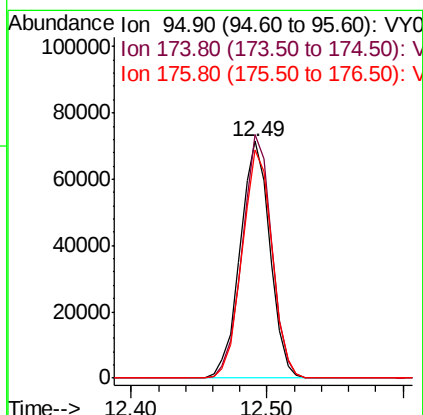
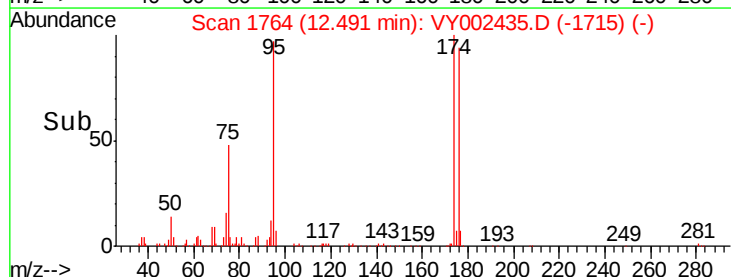
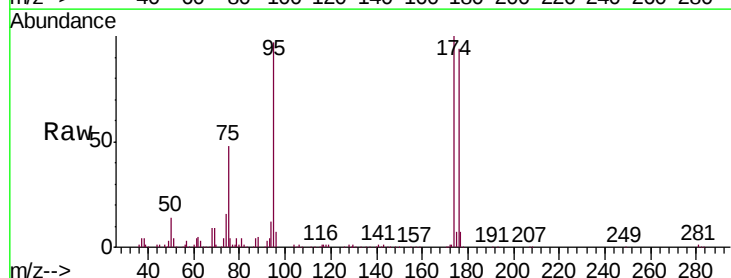
Tgt Ion: 95 Resp: 109479

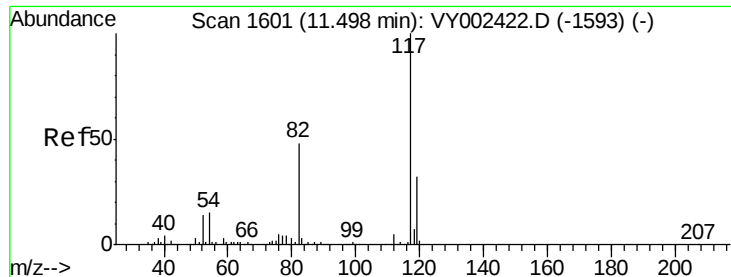
Ion Ratio Lower Upper

95 100

174 101.3 0.0 185.8

176 97.0 0.0 181.2

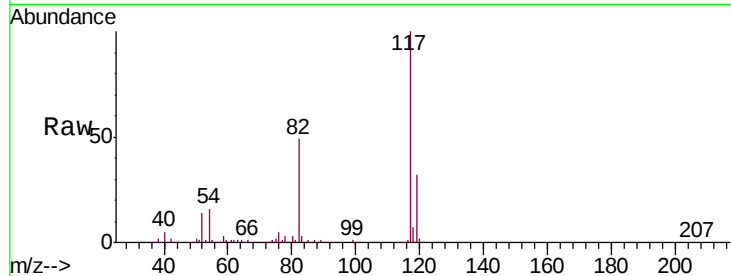




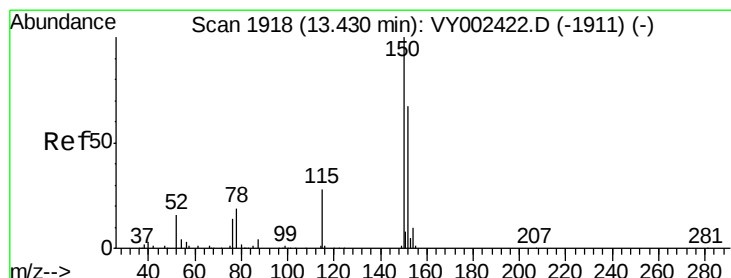
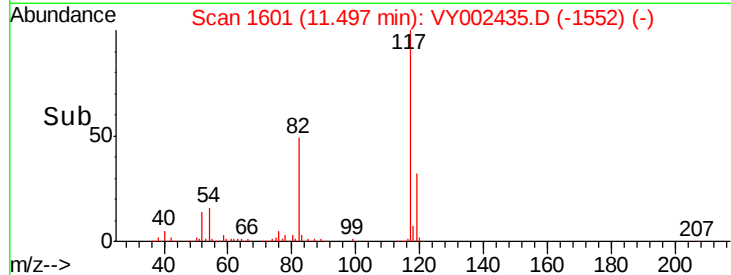
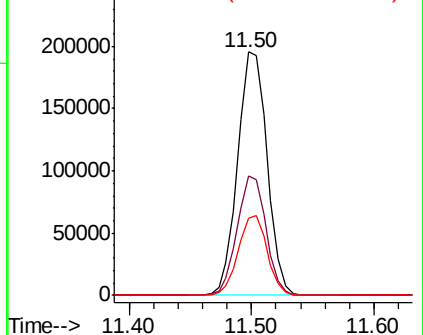
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY002435.D
Acq: 21 Apr 2020 16:03

Instrument :
MSVOA_Y
ClientSampled :
TP-1-D2

Tgt Ion:117 Resp: 325987
Ion Ratio Lower Upper
117 100
82 49.0 38.4 57.6
119 31.6 25.3 37.9

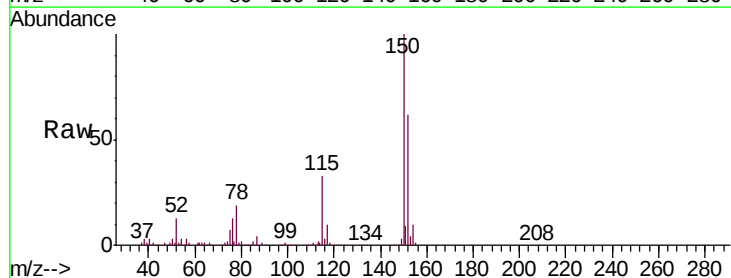


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

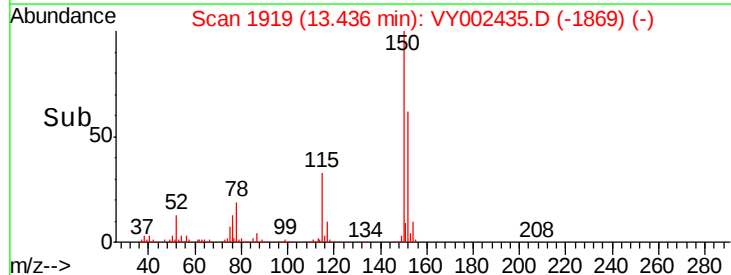
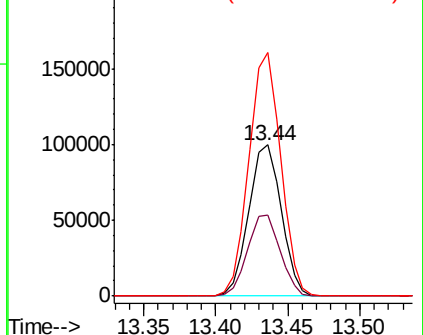


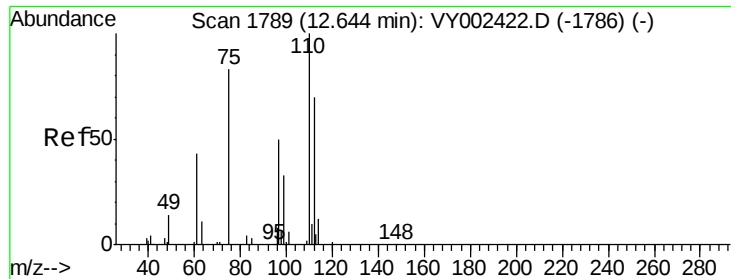
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY002435.D
Acq: 21 Apr 2020 16:03

Tgt Ion:152 Resp: 156013
Ion Ratio Lower Upper
152 100
115 53.8 27.3 81.8
150 157.2 0.0 344.0



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: 37.063 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.15 min

Lab File: VY002435.D

Acq: 21 Apr 2020 16:03

Instrument :

MSVOA_Y

ClientSampleId :

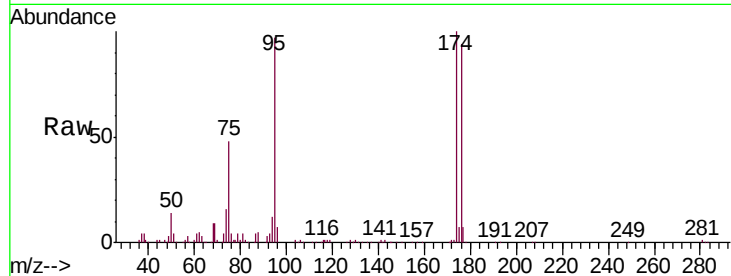
TP-1-D2

Tgt Ion: 75 Resp: 50941

Ion Ratio Lower Upper

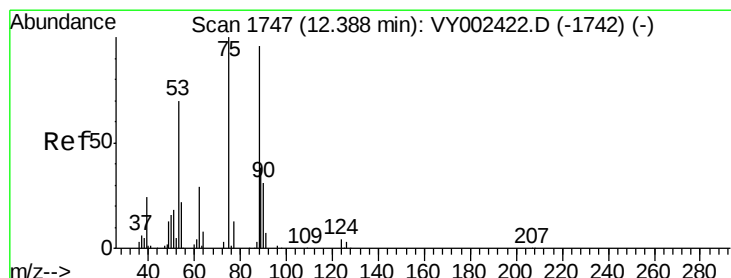
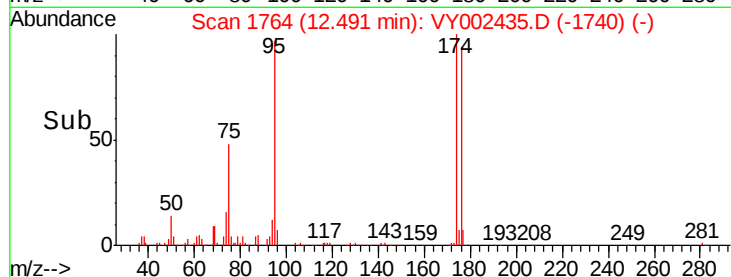
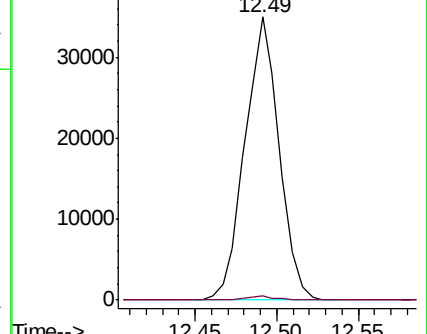
75 100

77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0



#81

trans-1,4-Dichloro-2-butene

Concen: 72.233 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.10 min

Lab File: VY002435.D

Acq: 21 Apr 2020 16:03

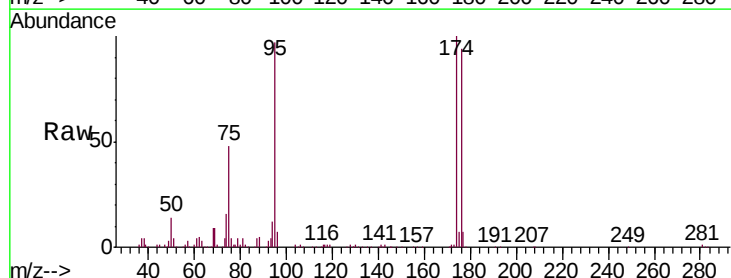
Tgt Ion: 75 Resp: 50941

Ion Ratio Lower Upper

75 100

53 0.0 58.7 88.1#

89 0.0 37.9 56.9#



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

