

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041420\
 Data File : VY002321.D
 Acq On : 14 Apr 2020 19:54
 Operator : SY/MD
 Sample : L2226-02RE
 Misc : 6.73G/5ML/MSVOA Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-PS-01-066RE

Quant Time: Apr 15 05:38:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 08 15:15:02 2020
 Response via : Initial Calibration

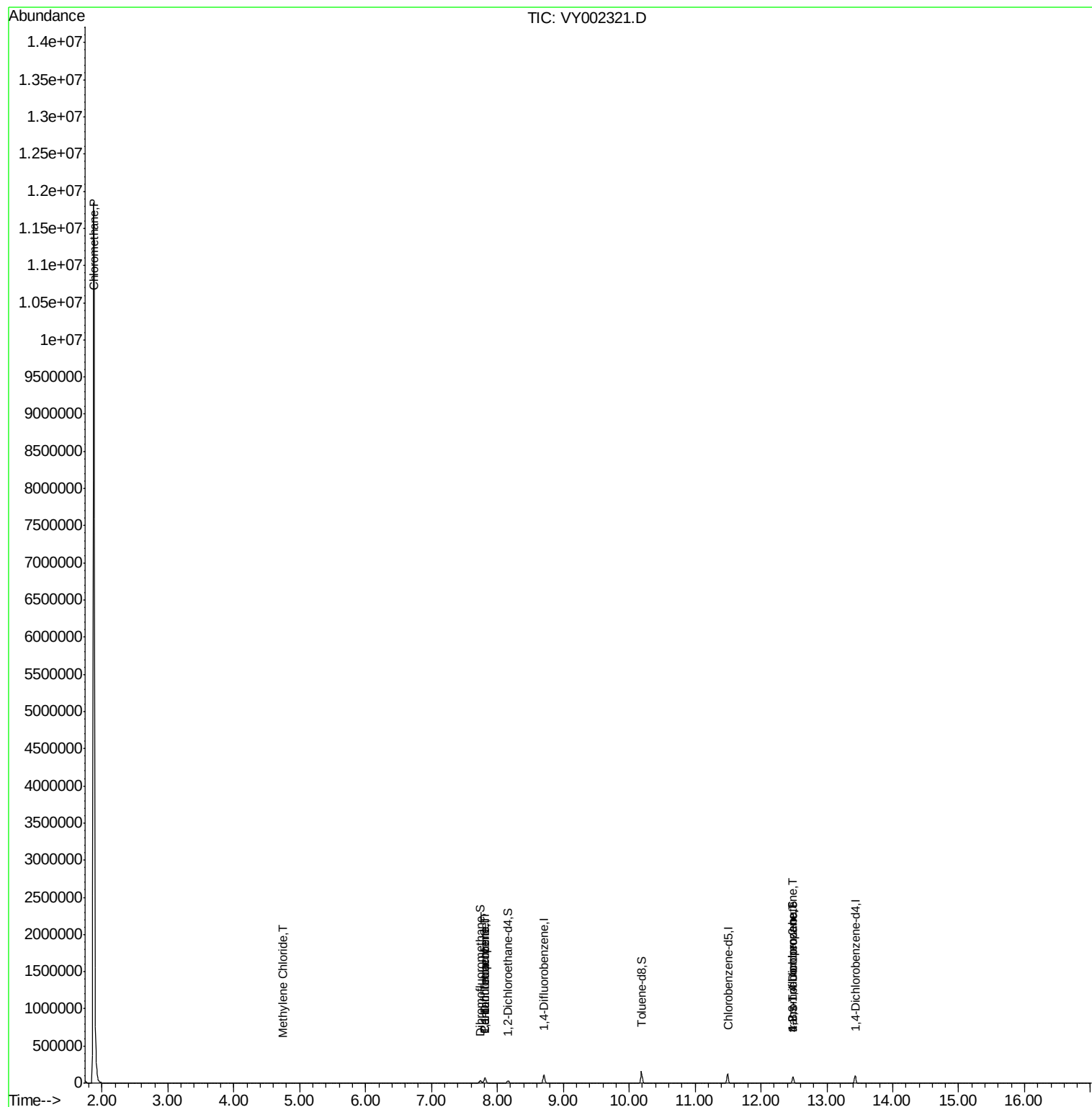
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	54720	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.71	114	92527	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	69992	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	24647	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	21296	35.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	70.00%	
35) Dibromofluoromethane	7.74	113	24893	45.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.42%	
50) Toluene-d8	10.19	98	107945	46.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.68%	
62) 4-Bromofluorobenzene	12.49	95	27747	36.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.00%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.87	50	74834	107.517	ug/l #	1
20) Methylene Chloride	4.74	84	2192	2.783	ug/l #	89
36) 1,1-Dichloropropene	7.81	75	4601	5.048	ug/l #	46
38) Carbon Tetrachloride	7.82	117	5557	7.128	ug/l #	14
76) 1,2,3-Trichloropropane	12.49	75	13129	45.873	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	13129	89.222	ug/l #	19

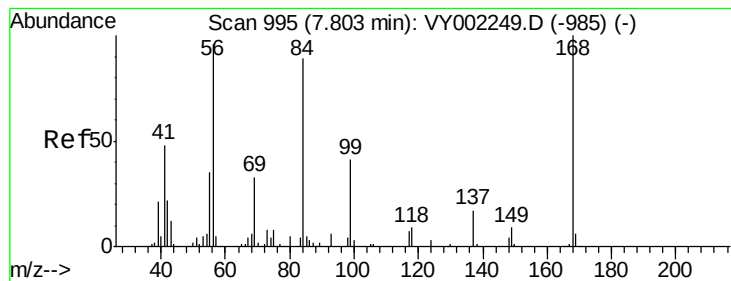
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Apr 08 15:15:02 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY002321.D

Acq: 14 Apr 2020 19:54

Instrument :

MSVOA_Y

ClientSampleId :

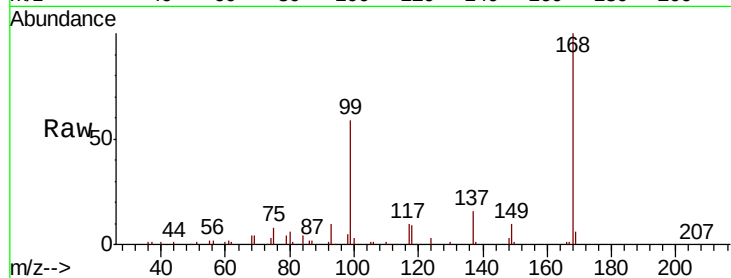
FK-PS-01-066RE

Tot Ion:168 Resp: 54720

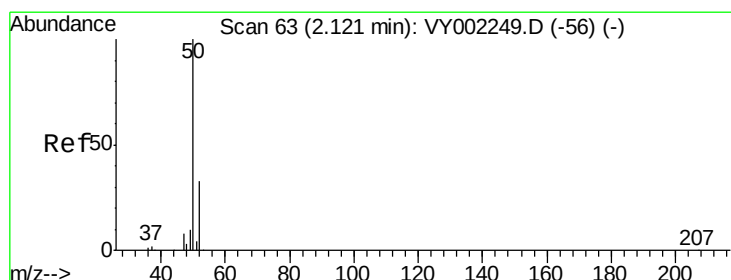
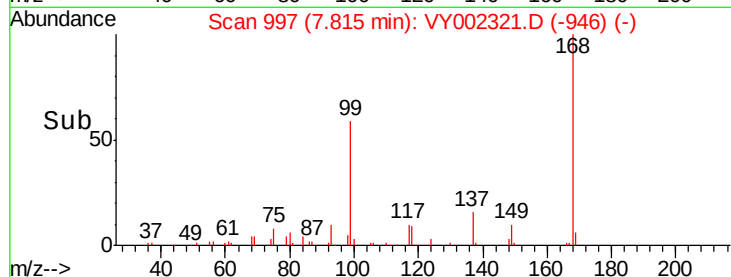
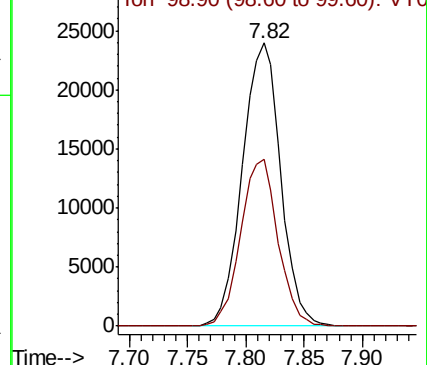
Ion Ratio Lower Upper

168 100

99 59.0 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): VY002249.D (-985) (-)



#3

Chloromethane

Concen: 107.517 ug/l

RT: 1.87 min Scan# 22

Delta R.T. -0.25 min

Lab File: VY002321.D

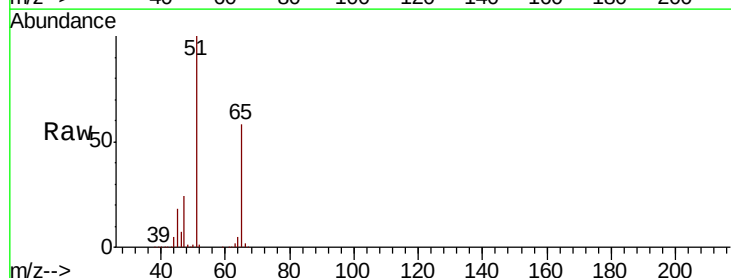
Acq: 14 Apr 2020 19:54

Tgt Ion: 50 Resp: 74834

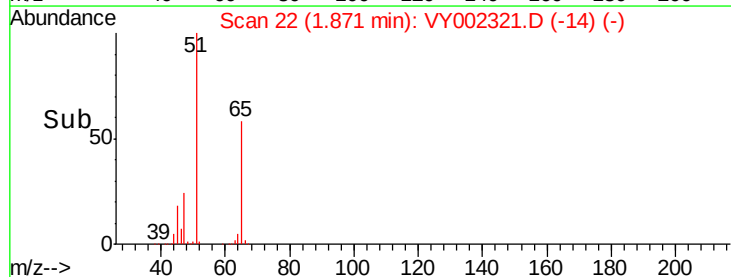
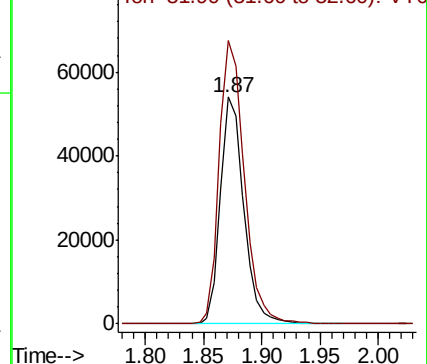
Ion Ratio Lower Upper

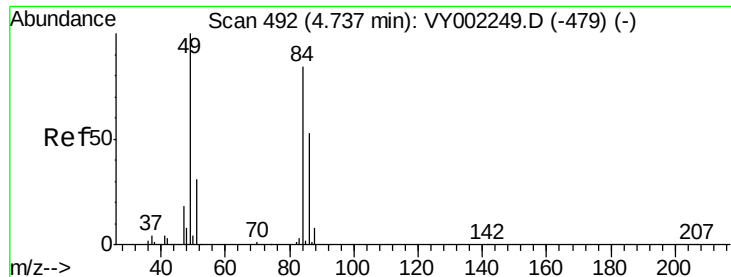
50 100

52 124.8 26.6 39.8#



Abundance Ion 49.90 (49.60 to 50.60): VY002249.D (-56) (-)

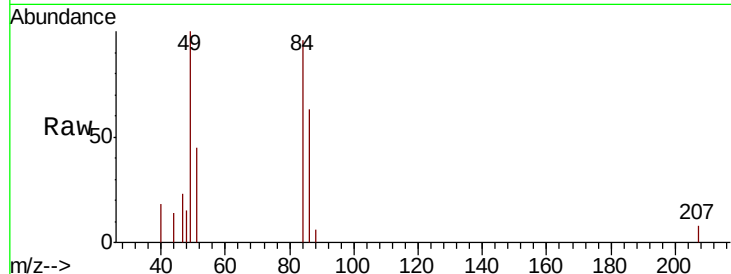




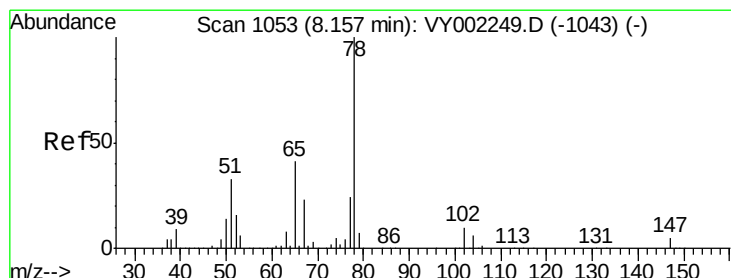
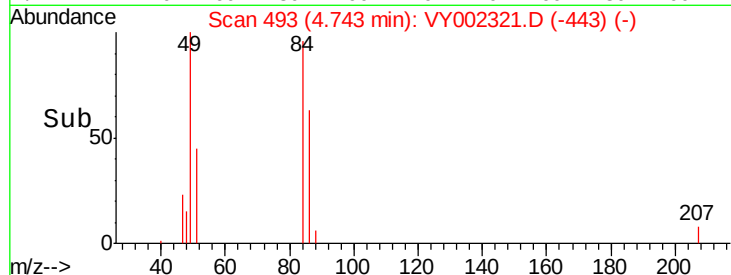
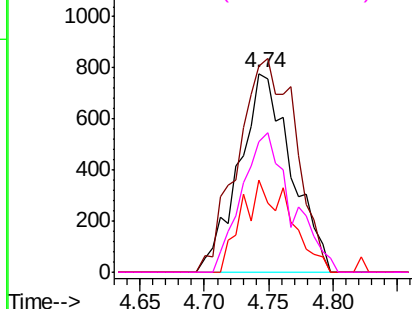
#20
Methylene Chloride
Concen: 2.783 ug/l
RT: 4.74 min Scan# 493
Delta R.T. 0.01 min
Lab File: VY002321.D
Acq: 14 Apr 2020 19:54

Instrument :
MSVOA_Y
ClientSampleId :
FK-PS-01-066RE

Tot Ion: 84 Resp: 2192
Ion Ratio Lower Upper
84 100
49 103.7 95.5 143.3
51 46.4 29.5 44.3#
86 65.8 50.7 76.1

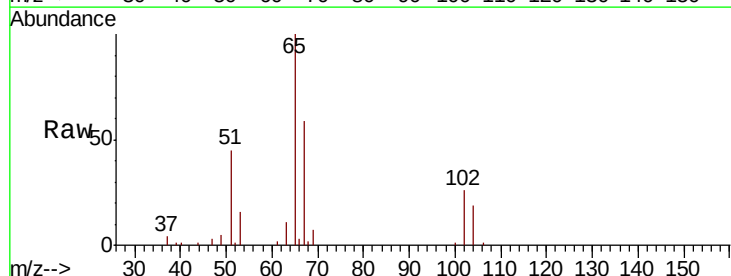


Abundance Ion 83.90 (83.60 to 84.60): VY0
Ion 48.90 (48.60 to 49.60): VY0
Ion 50.90 (50.60 to 51.60): VY0
Ion 85.90 (85.60 to 86.60): VY0

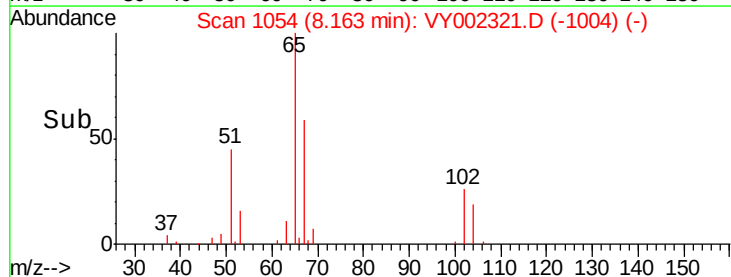
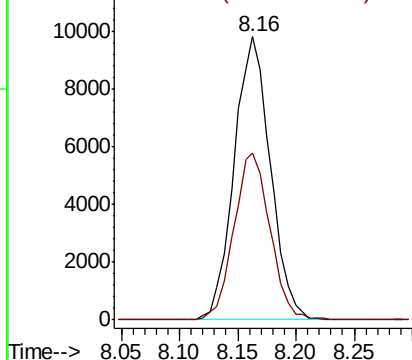


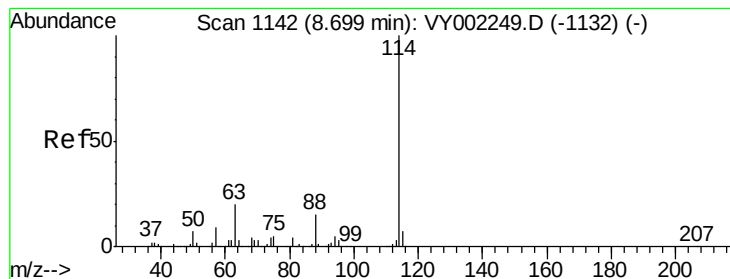
#33
1,2-Dichloroethane-d4
Concen: 34.996 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. 0.01 min
Lab File: VY002321.D
Acq: 14 Apr 2020 19:54

Tgt Ion: 65 Resp: 21296
Ion Ratio Lower Upper
65 100
67 58.5 0.0 114.0



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: 8.71 min Scan# 1143

Delta R.T. 0.01 min

Lab File: VY002321.D

Acq: 14 Apr 2020 19:54

Instrument :

MSVOA_Y

ClientSampleId :

FK-PS-01-066RE

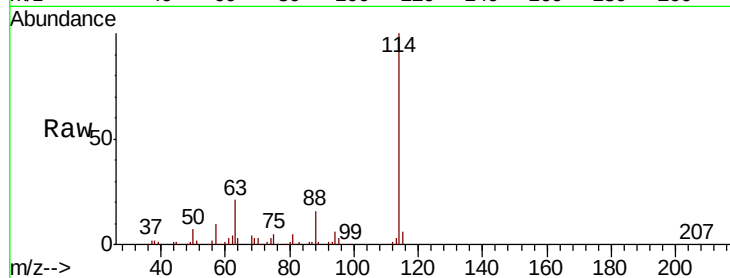
Tot Ion:114 Resp: 92527

Ion Ratio Lower Upper

114 100

63 20.6 0.0 39.0

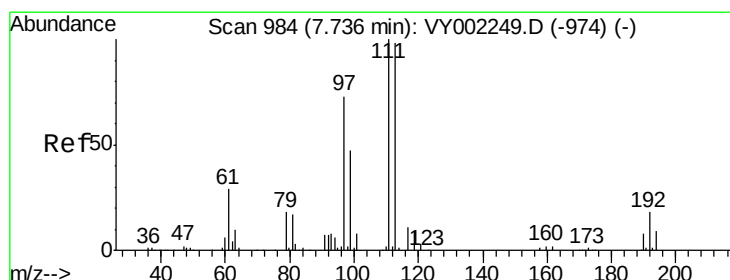
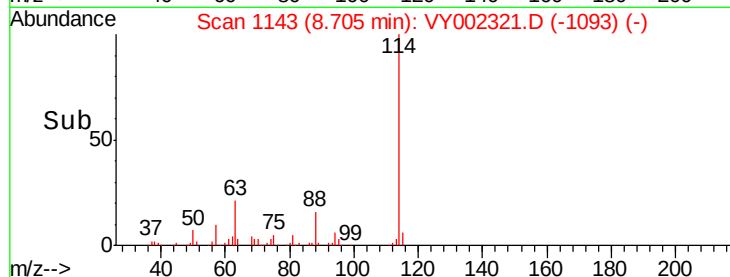
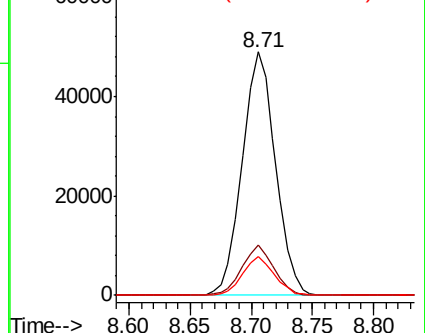
88 15.7 0.0 31.0



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: 45.213 ug/l

RT: 7.74 min Scan# 985

Delta R.T. 0.01 min

Lab File: VY002321.D

Acq: 14 Apr 2020 19:54

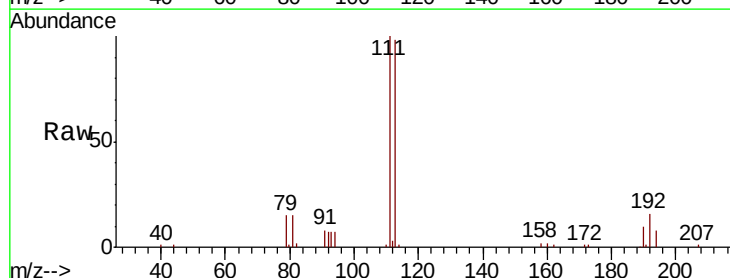
Tgt Ion:113 Resp: 24893

Ion Ratio Lower Upper

113 100

111 103.1 83.5 125.3

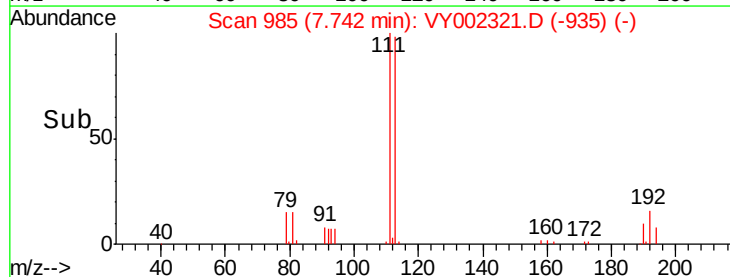
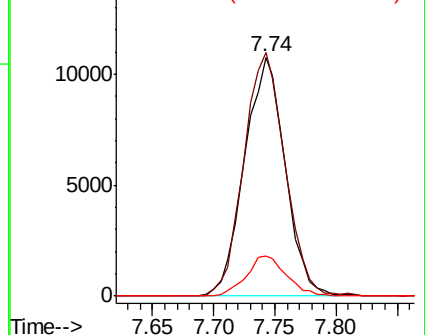
192 16.5 14.7 22.1

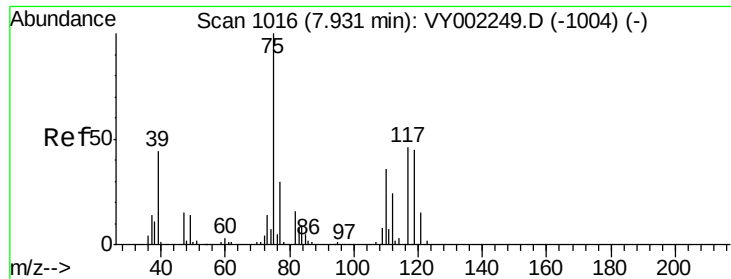


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

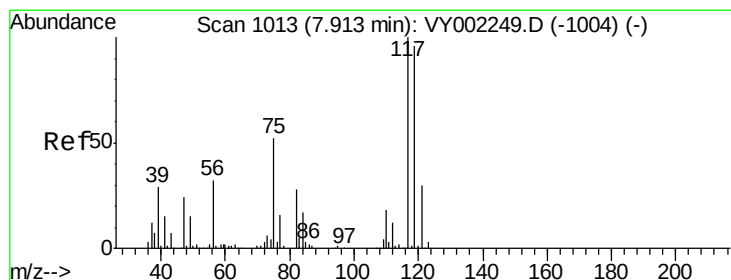
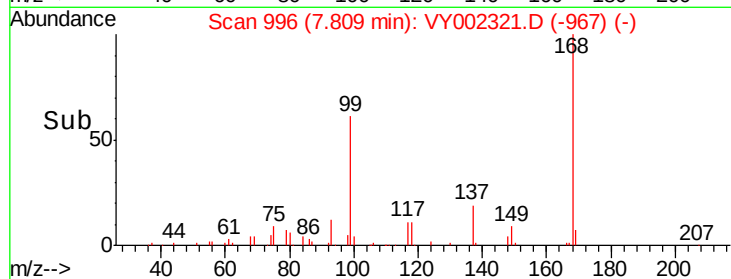
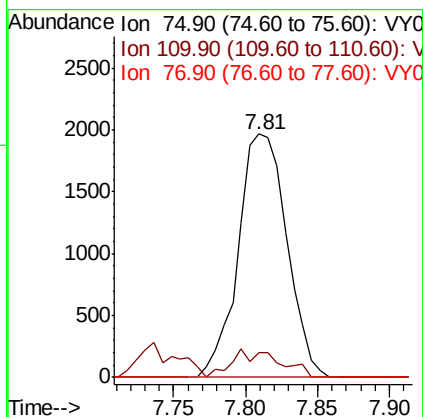
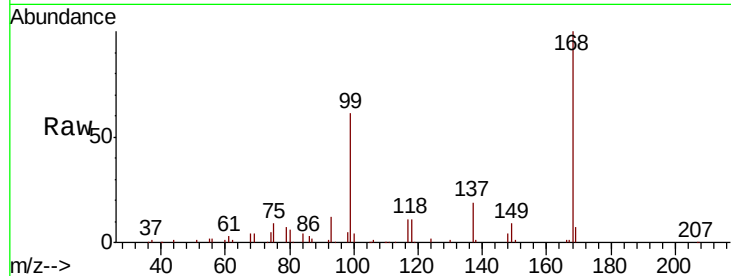




#36
 1,1-Dichloropropene
 Concen: 5.048 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.12 min
 Lab File: VY002321.D
 Acq: 14 Apr 2020 19:54

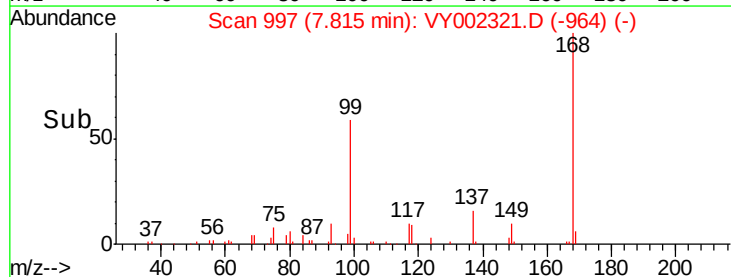
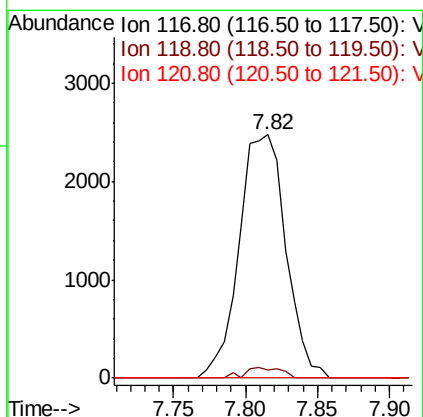
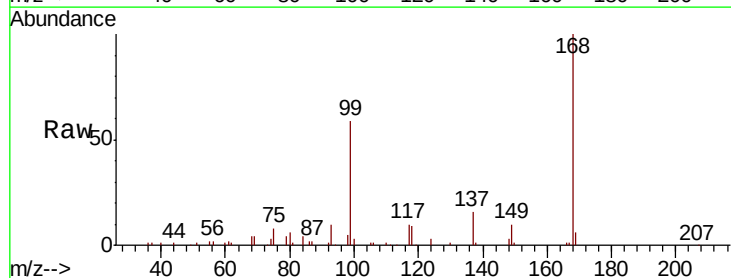
Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-PS-01-066RE

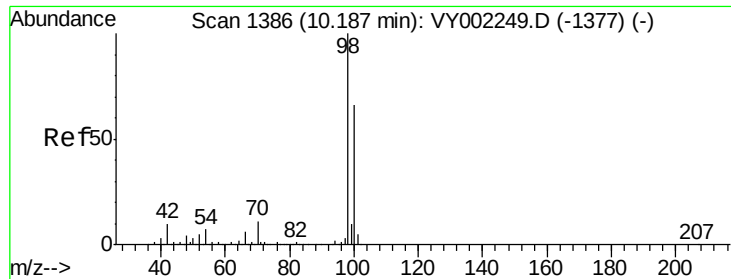
Tot Ion	Ratio	Lower	Upper
75	100		
110	4.8	17.8	53.3#
77	0.0	24.4	36.6#



#38
 Carbon Tetrachloride
 Concen: 7.128 ug/l
 RT: 7.82 min Scan# 997
 Delta R.T. -0.10 min
 Lab File: VY002321.D
 Acq: 14 Apr 2020 19:54

Tgt Ion	Ratio	Lower	Upper
117	100		
119	3.4	77.1	115.7#
121	0.0	23.9	35.9#





#50

Toluene-d8

Concen: 46.842 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.00 min

Lab File: VY002321.D

Acq: 14 Apr 2020 19:54

Instrument :

MSVOA_Y

ClientSampleId :

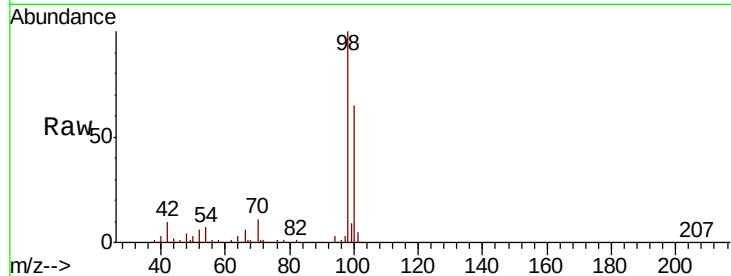
FK-PS-01-066RE

Tot Ion: 98 Resp: 107945

Ion Ratio Lower Upper

98 100

100 66.5 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

10.19

60000

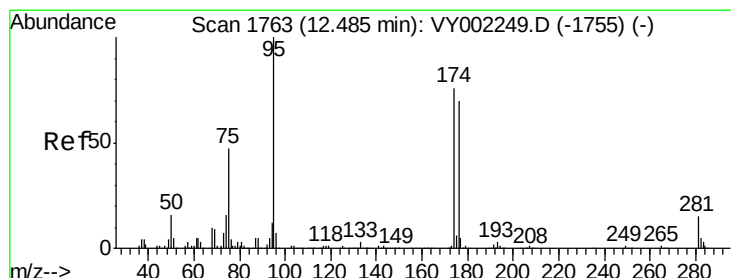
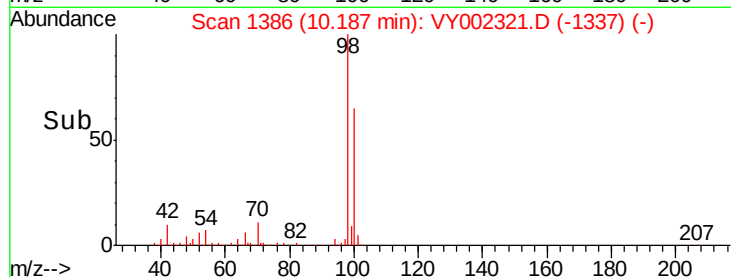
40000

20000

0

Time-->

10.10 10.20 10.30



#62

4-Bromofluorobenzene

Concen: 36.496 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VY002321.D

Acq: 14 Apr 2020 19:54

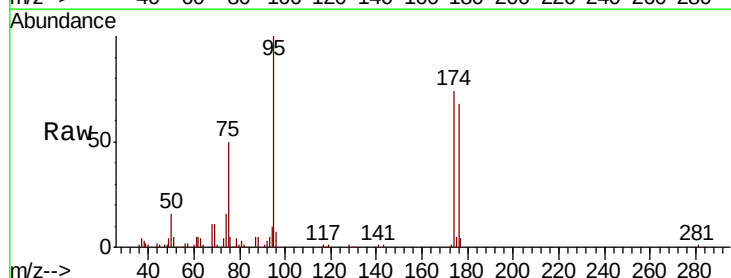
Tgt Ion: 95 Resp: 27747

Ion Ratio Lower Upper

95 100

174 74.0 0.0 150.6

176 70.4 0.0 141.4



Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

25000

20000

15000

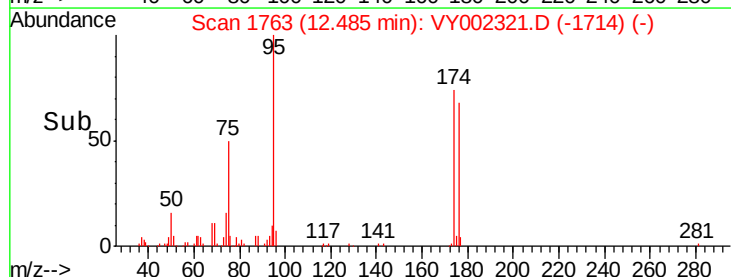
10000

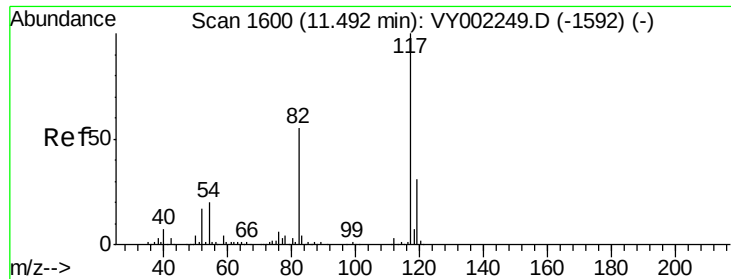
5000

0

Time-->

12.40 12.45 12.50 12.55

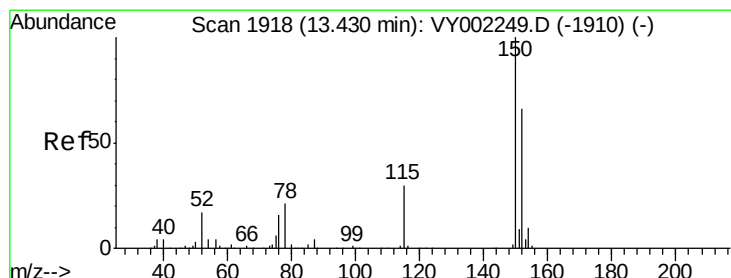
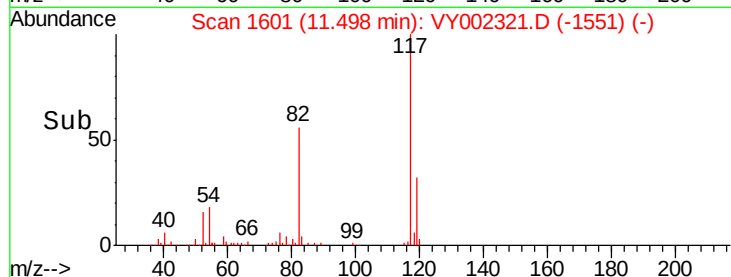
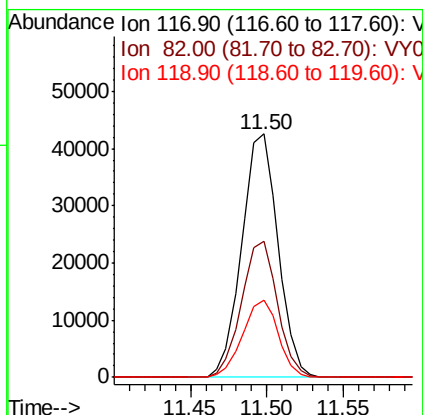
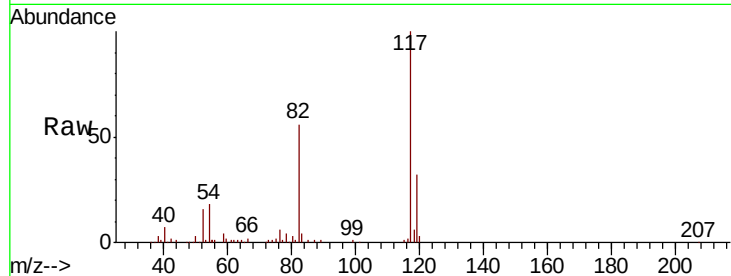




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VY002321.D
Acq: 14 Apr 2020 19:54

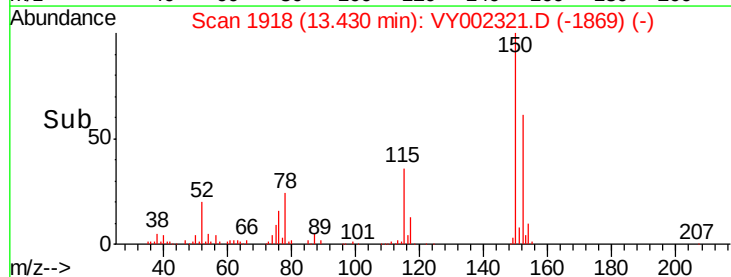
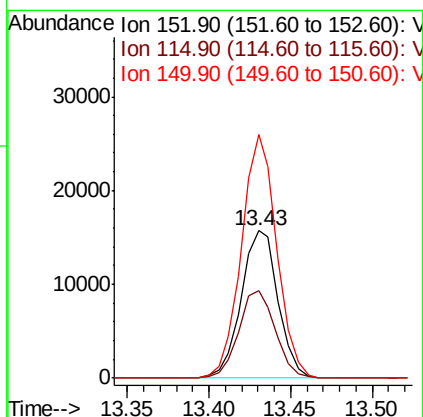
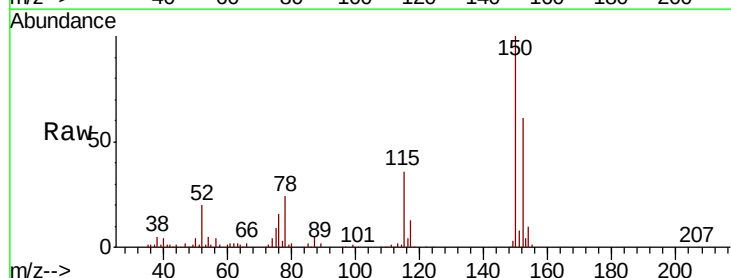
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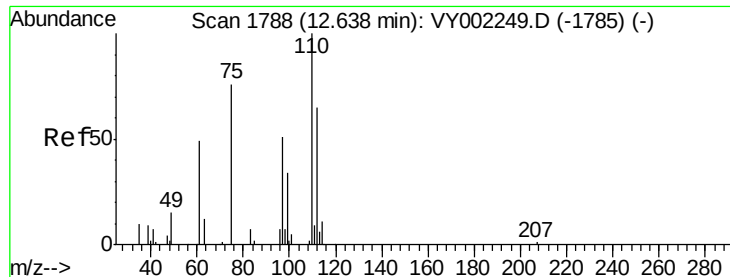
Tot Ion:117 Resp: 69992
Ion Ratio Lower Upper
117 100
82 56.0 44.2 66.4
119 31.6 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VY002321.D
Acq: 14 Apr 2020 19:54

Tgt Ion:152 Resp: 24647
Ion Ratio Lower Upper
152 100
115 58.8 30.7 92.1
150 158.0 0.0 350.6





#76

1,2,3-Trichloropropane

Concen: 45.873 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.15 min

Lab File: VY002321.D

Acq: 14 Apr 2020 19:54

Instrument :

MSVOA_Y

ClientSampleId :

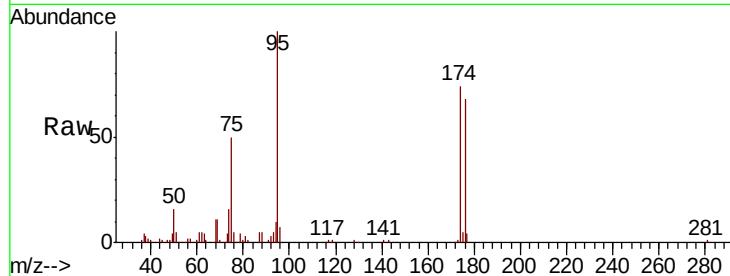
FK-PS-01-066RE

Tot Ion: 75 Resp: 13129

Ion Ratio Lower Upper

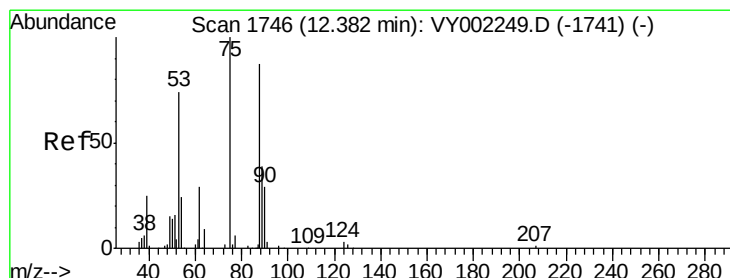
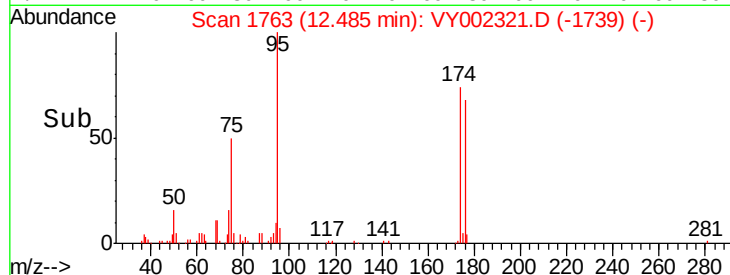
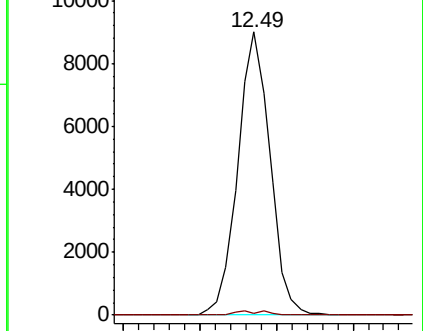
75 100

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: 89.222 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.10 min

Lab File: VY002321.D

Acq: 14 Apr 2020 19:54

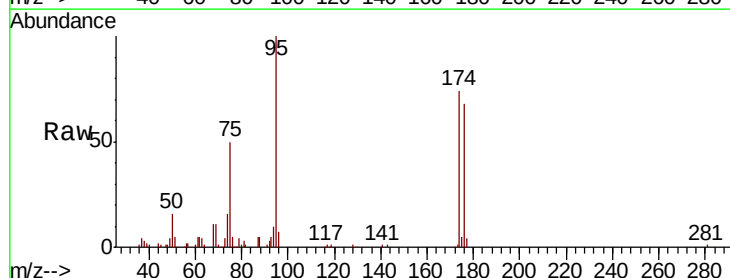
Tgt Ion: 75 Resp: 13129

Ion Ratio Lower Upper

75 100

53 0.0 59.8 89.8#

89 0.2 37.0 55.6#



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

