

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY022820\
 Data File : VY001804.D
 Acq On : 28 Feb 2020 17:33
 Operator : SY/MD
 Sample : L1737-02
 Misc : 5.53G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-BPM-03-013-ABCD

Quant Time: Feb 28 22:33:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 2020
 Response via : Initial Calibration

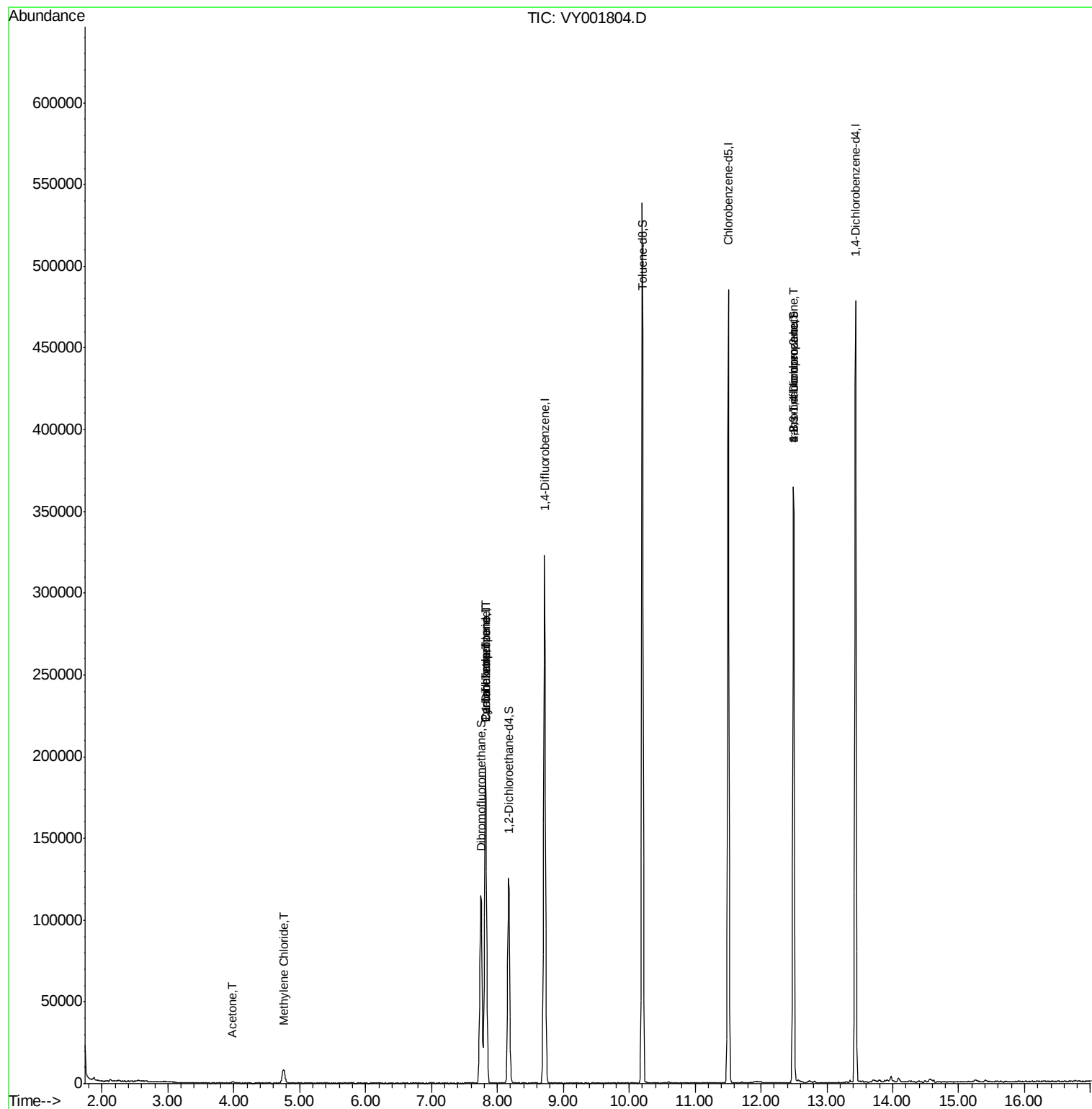
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	146264	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.72	114	282109	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	257982	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	116507	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	90220	57.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.70%	
35) Dibromofluoromethane	7.75	113	82093	50.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.62%	
50) Toluene-d8	10.20	98	341328	53.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.84%	
62) 4-Bromofluorobenzene	12.49	95	117781	47.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.78%	
Target Compounds						
					Qvalue	
16) Acetone	3.97	43	849	1.560	ug/l #	58
20) Methylene Chloride	4.75	84	6226	3.220	ug/l	89
31) Cyclohexane	7.82	56	3316	1.003	ug/l #	1
36) 1,1-Dichloropropene	7.82	75	11896	4.415	ug/l #	49
38) Carbon Tetrachloride	7.82	117	14687	6.205	ug/l #	16
76) 1,2,3-Trichloropropane	12.49	75	59469	44.496	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	59469	84.418	ug/l #	17

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

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Quant Title : SW846 8260
QLast Update : Mon Feb 17 12:19:53 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY001804.D

Acq: 28 Feb 2020 17:33

Instrument :

MSVOA_Y

ClientSampleId :

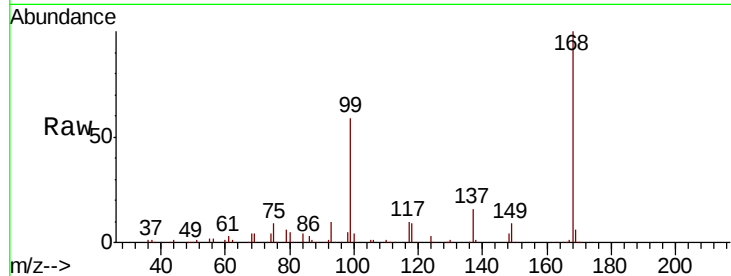
FK-BPM-03-013-ABCD

Tot Ion:168 Resp: 146264

Ion Ratio Lower Upper

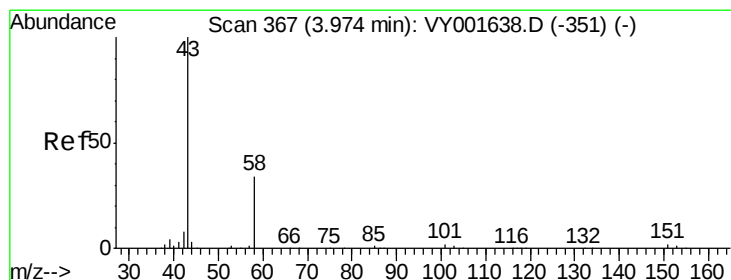
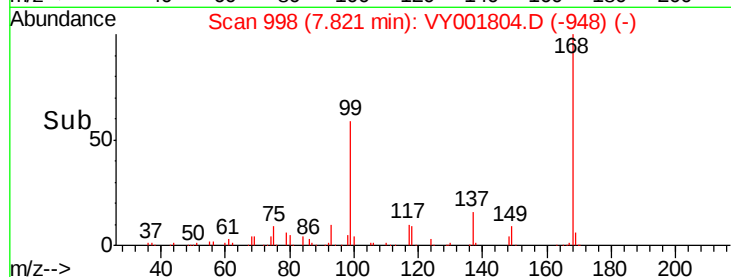
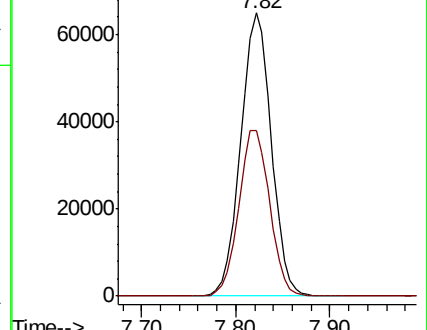
168 100

99 58.5 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001804.D (-948) (-)

Ion 98.90 (98.60 to 99.60): VY001804.D (-948) (-)



#16

Acetone

Concen: 1.560 ug/l

RT: 3.97 min Scan# 367

Delta R.T. -0.00 min

Lab File: VY001804.D

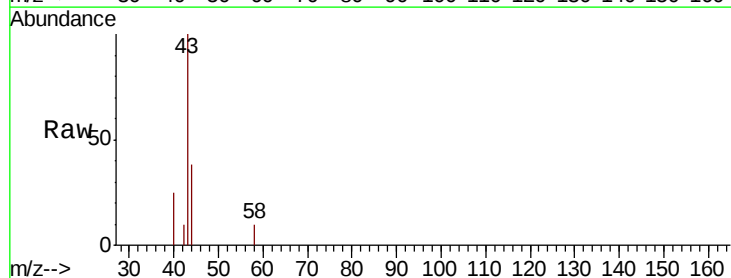
Acq: 28 Feb 2020 17:33

Tgt Ion: 43 Resp: 849

Ion Ratio Lower Upper

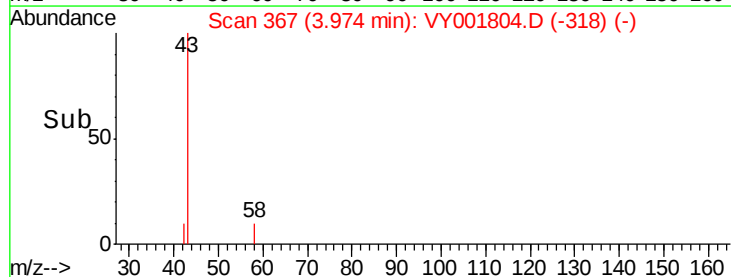
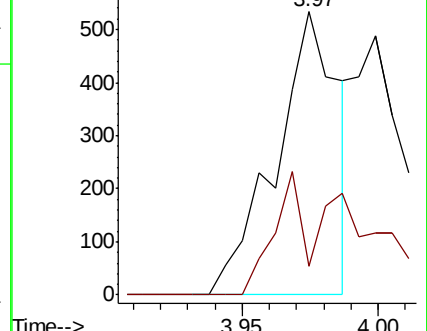
43 100

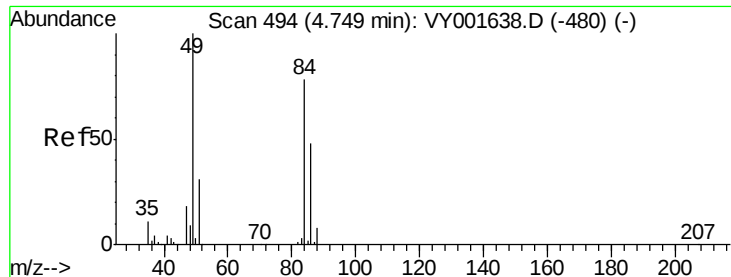
58 9.9 27.3 40.9#



Abundance Ion 43.00 (42.70 to 43.70): VY001804.D (-318) (-)

Ion 58.00 (57.70 to 58.70): VY001804.D (-318) (-)

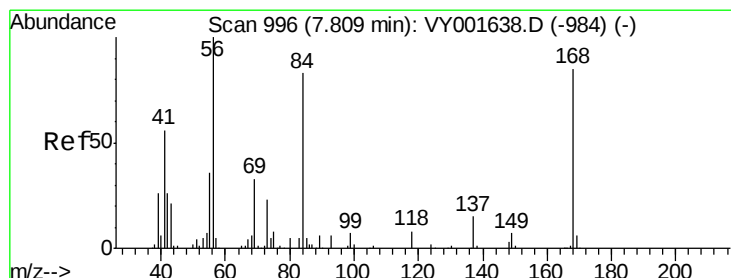
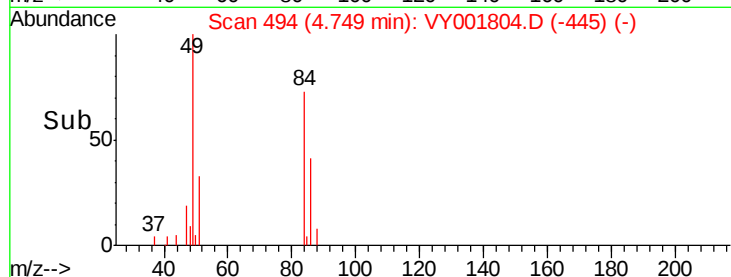
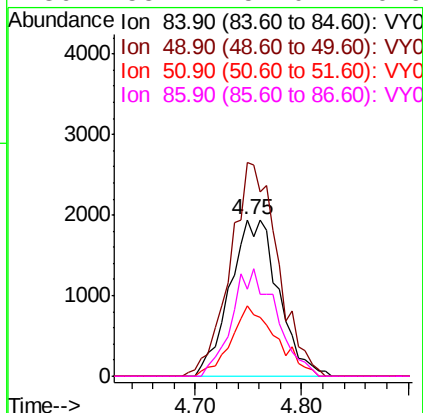
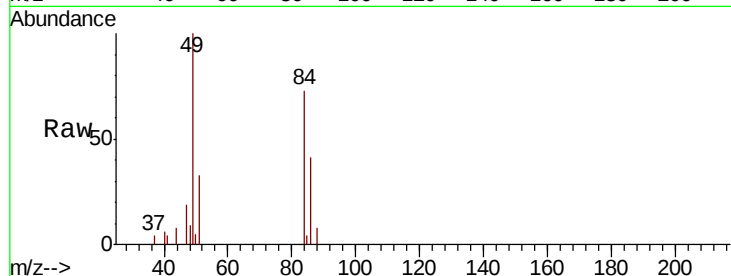




#20
Methylene Chloride
Concen: 3.220 ug/l
RT: 4.75 min Scan# 494
Delta R.T. -0.00 min
Lab File: VY001804.D
Acq: 28 Feb 2020 17:33

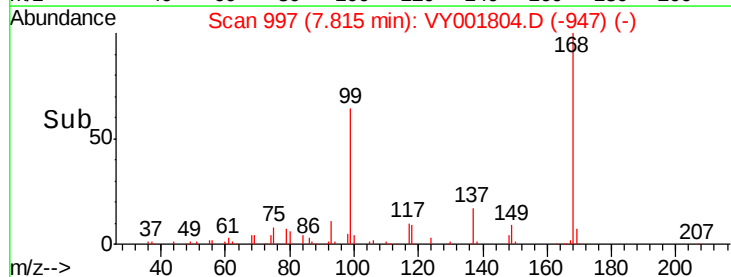
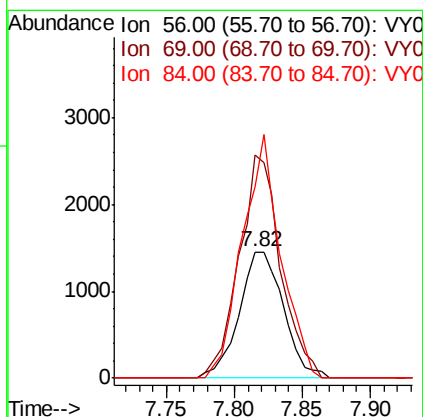
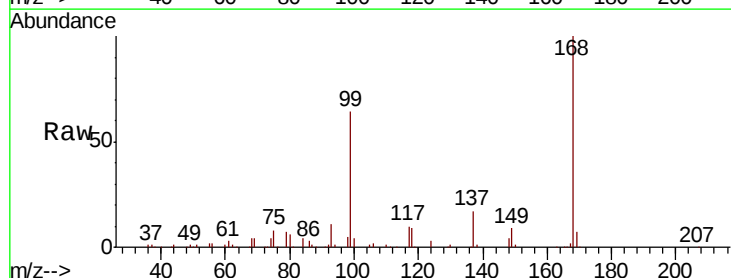
Instrument :
MSVOA_Y
ClientSampleId :
FK-BPM-03-013-ABCD

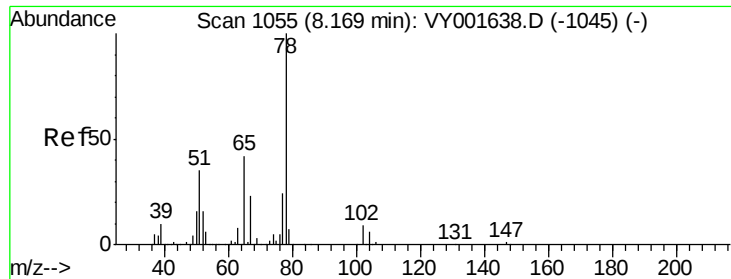
Tot Ion:	84	Resp:	6226
Ion	Ratio	Lower	Upper
84	100		
49	136.3	99.2	148.8
51	45.1	31.5	47.3
86	55.4	51.0	76.6



#31
Cyclohexane
Concen: 1.003 ug/l
RT: 7.82 min Scan# 997
Delta R.T. 0.01 min
Lab File: VY001804.D
Acq: 28 Feb 2020 17:33

Tgt Ion:	56	Resp:	3316
Ion	Ratio	Lower	Upper
56	100		
69	176.9	25.1	37.7#
84	151.2	66.9	100.3#

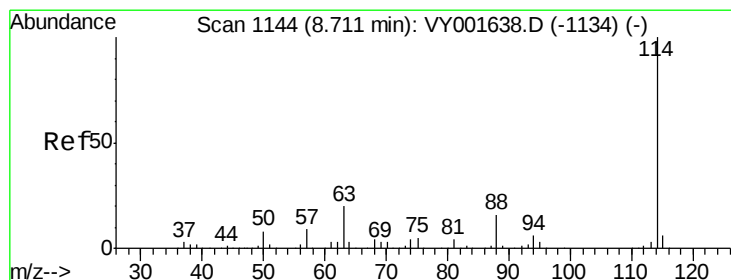
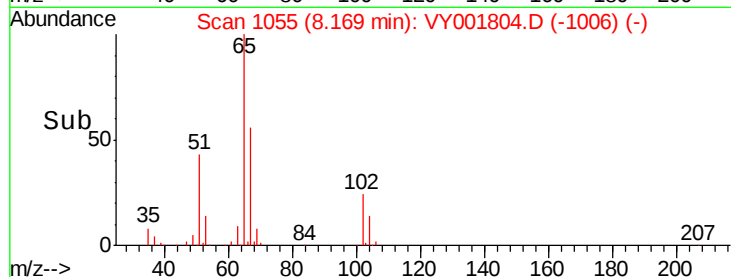
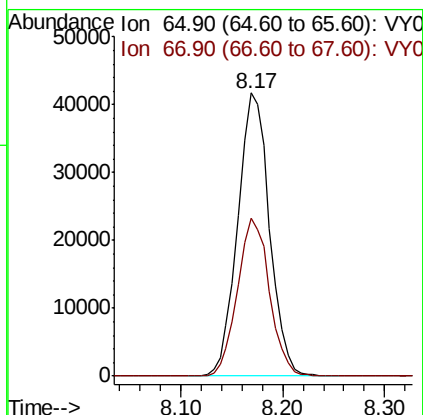
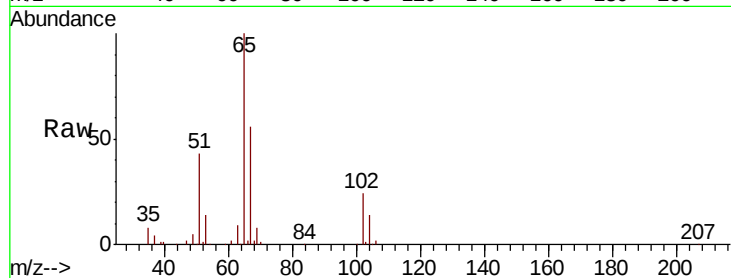




#33
 1,2-Dichloroethane-d4
 Concen: 57.345 ug/l
 RT: 8.17 min Scan# 1055
 Delta R.T. -0.00 min
 Lab File: VY001804.D
 Acq: 28 Feb 2020 17:33

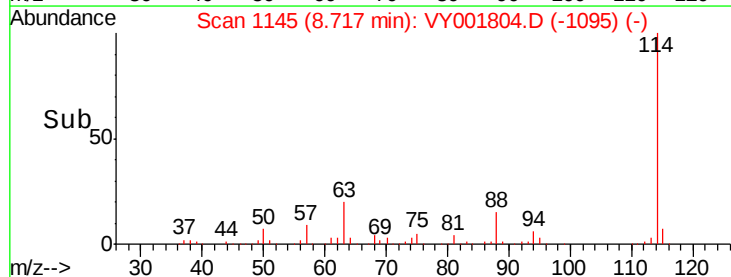
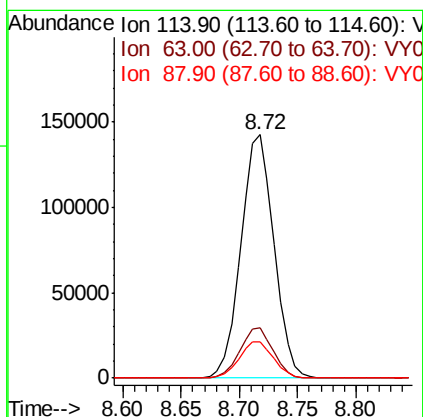
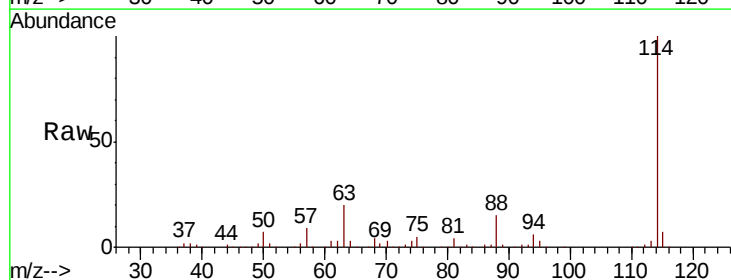
Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-BPM-03-013-ABCD

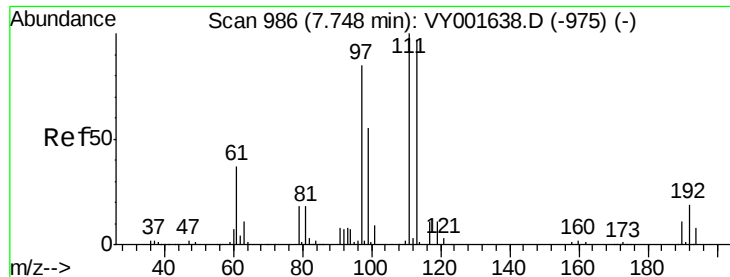
Tot Ion: 65 Resp: 90220
 Ion Ratio Lower Upper
 65 100
 67 56.1 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.72 min Scan# 1145
 Delta R.T. 0.01 min
 Lab File: VY001804.D
 Acq: 28 Feb 2020 17:33

Tgt Ion: 114 Resp: 282109
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 41.4
 88 15.1 0.0 32.8

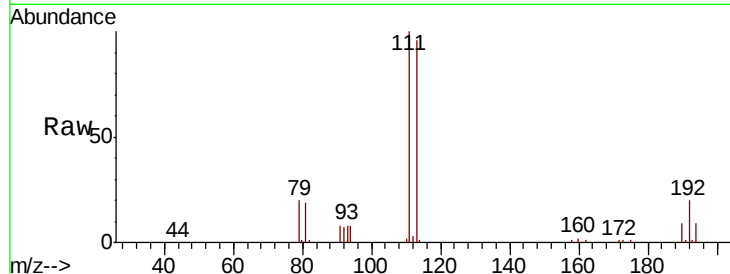




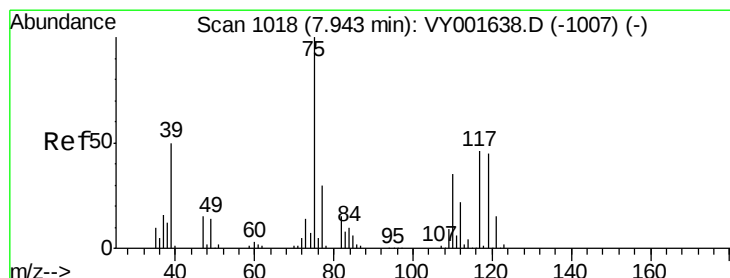
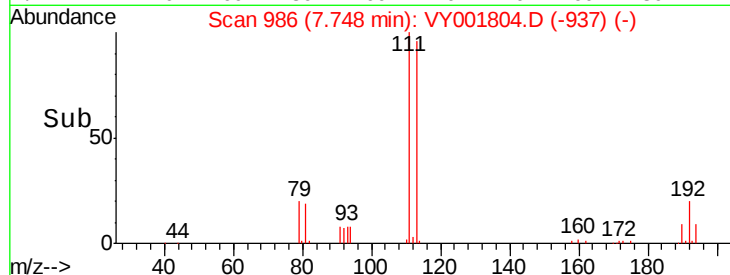
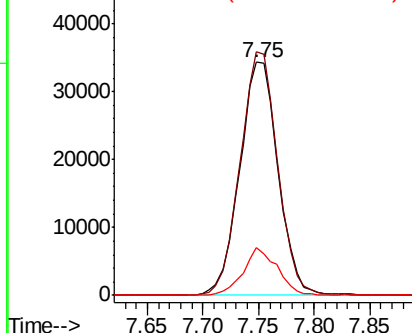
#35
Dibromofluoromethane
Concen: 50.807 ug/l
RT: 7.75 min Scan# 986
Delta R.T. -0.00 min
Lab File: VY001804.D
Acq: 28 Feb 2020 17:33

Instrument :
MSVOA_Y
ClientSampleId :
FK-BPM-03-013-ABCD

Tot Ion:113 Resp: 82093
Ion Ratio Lower Upper
113 100
111 102.1 81.9 122.9
192 18.3 14.3 21.5

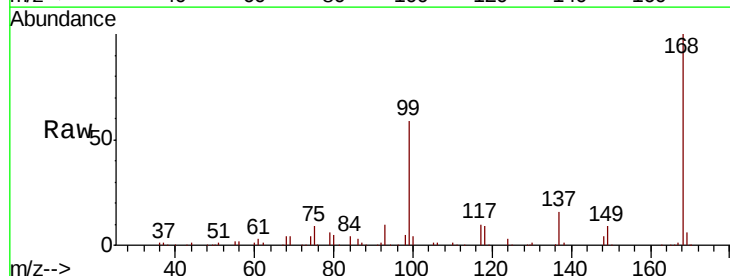


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

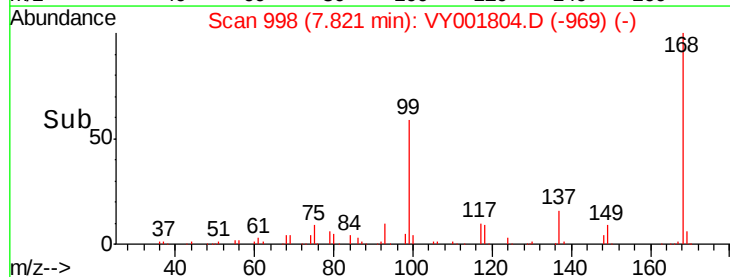
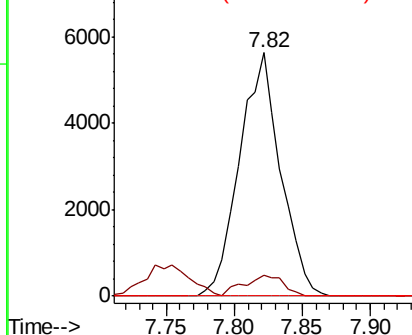


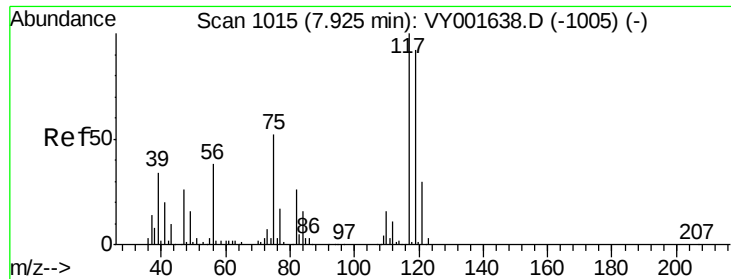
#36
1,1-Dichloropropene
Concen: 4.415 ug/l
RT: 7.82 min Scan# 998
Delta R.T. -0.12 min
Lab File: VY001804.D
Acq: 28 Feb 2020 17:33

Tgt Ion: 75 Resp: 11896
Ion Ratio Lower Upper
75 100
110 8.3 17.2 51.6#
77 0.0 24.8 37.2#



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VY0

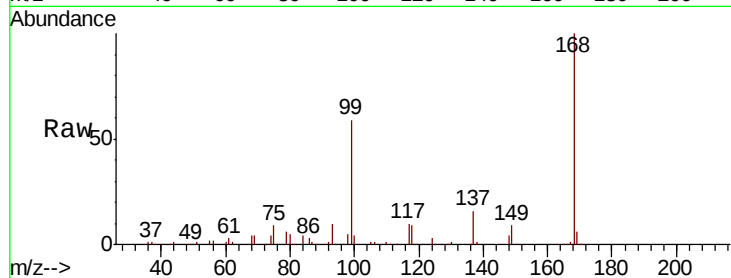




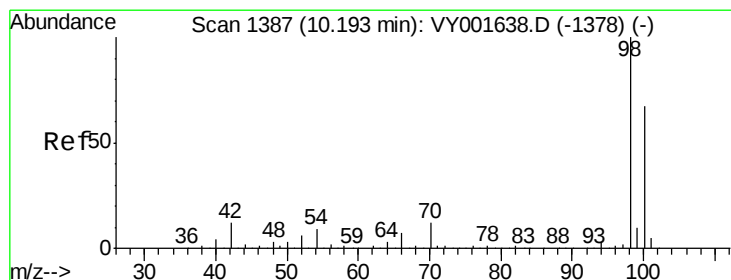
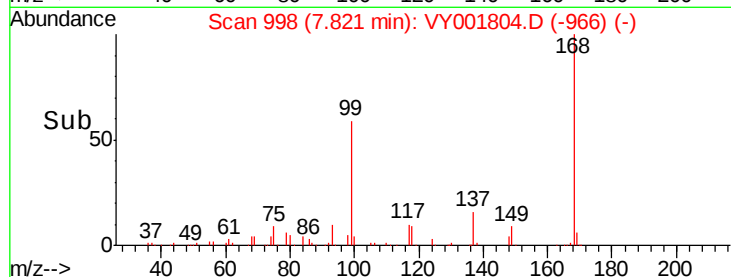
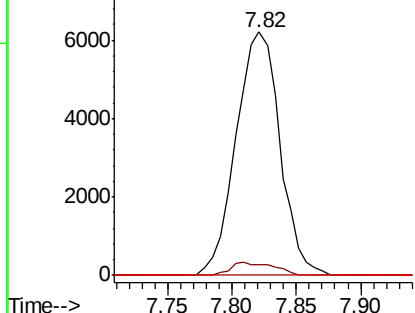
#38
Carbon Tetrachloride
Concen: 6.205 ug/l
RT: 7.82 min Scan# 998
Delta R.T. -0.10 min
Lab File: VY001804.D
Acq: 28 Feb 2020 17:33

Instrument :
MSVOA_Y
ClientSampleId :
FK-BPM-03-013-ABCD

Tot Ion:117 Resp: 14687
Ion Ratio Lower Upper
117 100
119 4.1 74.8 112.2#
121 0.0 23.8 35.6#

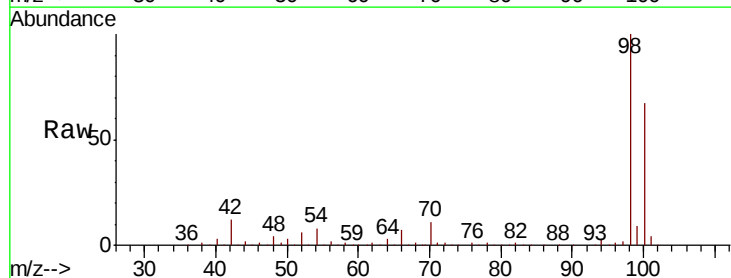


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

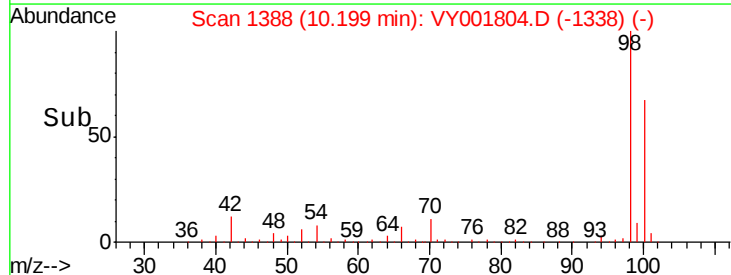
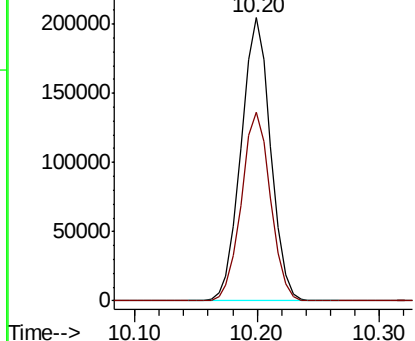


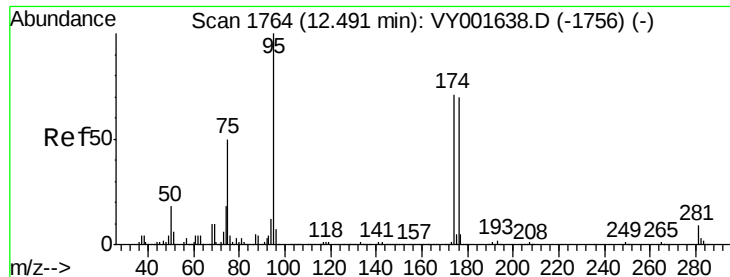
#50
Toluene-d8
Concen: 53.921 ug/l
RT: 10.20 min Scan# 1388
Delta R.T. 0.01 min
Lab File: VY001804.D
Acq: 28 Feb 2020 17:33

Tgt Ion: 98 Resp: 341328
Ion Ratio Lower Upper
98 100
100 65.8 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY

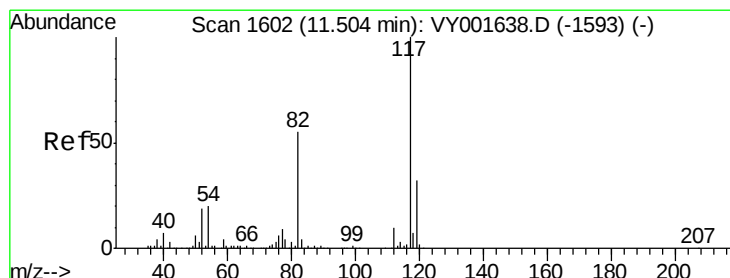
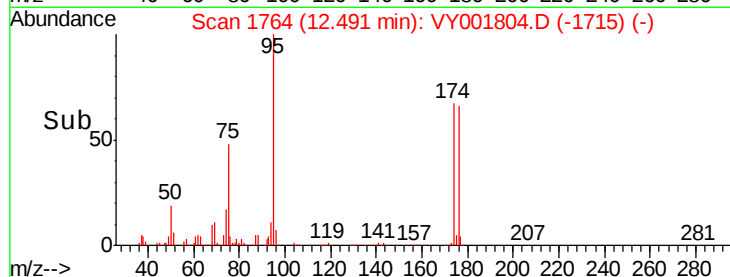
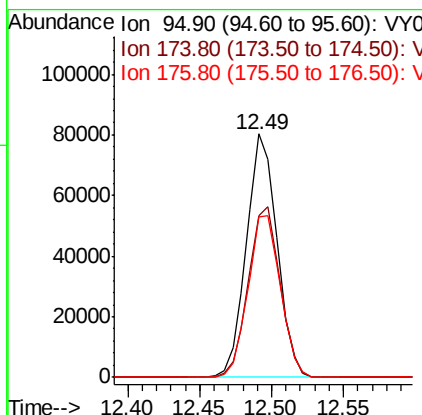
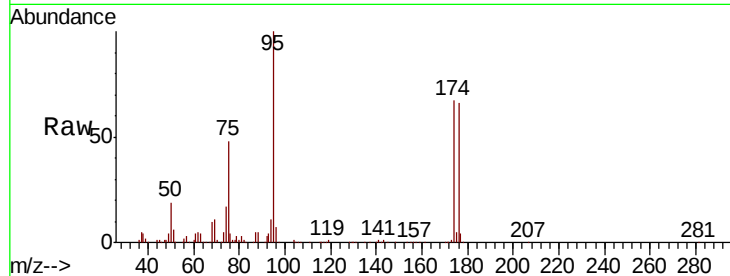




#62
4-Bromofluorobenzene
Concen: 47.894 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. -0.00 min
Lab File: VY001804.D
Acq: 28 Feb 2020 17:33

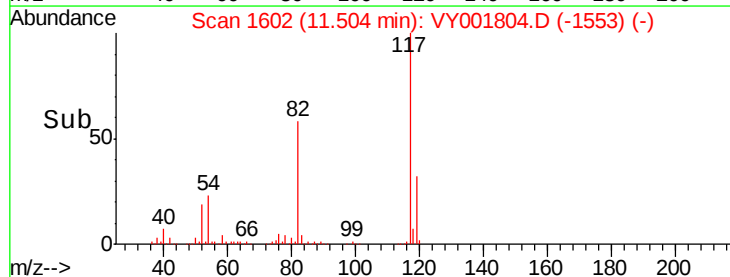
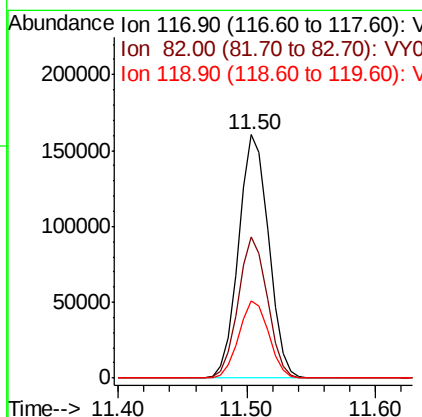
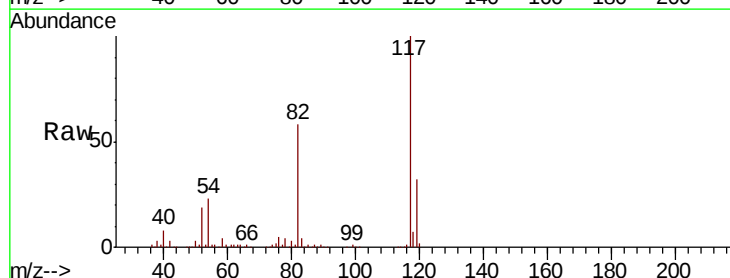
Instrument :
MSVOA_Y
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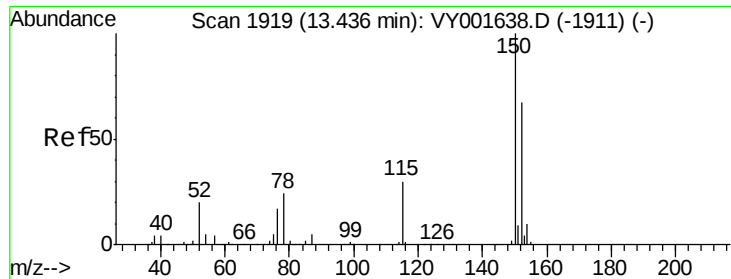
Tot Ion: 95 Resp: 117781
Ion Ratio Lower Upper
95 100
174 72.6 0.0 138.4
176 70.1 0.0 131.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. -0.00 min
Lab File: VY001804.D
Acq: 28 Feb 2020 17:33

Tgt Ion: 117 Resp: 257982
Ion Ratio Lower Upper
117 100
82 58.2 45.5 68.3
119 31.6 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. -0.00 min

Lab File: VY001804.D

Acq: 28 Feb 2020 17:33

Instrument :

MSVOA_Y

ClientSampleId :

FK-BPM-03-013-ABCD

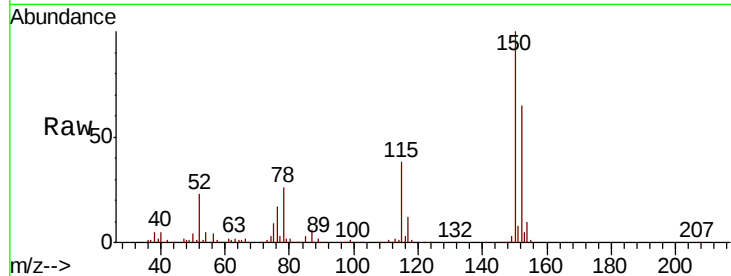
Tot Ion:152 Resp: 116507

Ion Ratio Lower Upper

152 100

115 61.3 31.4 94.2

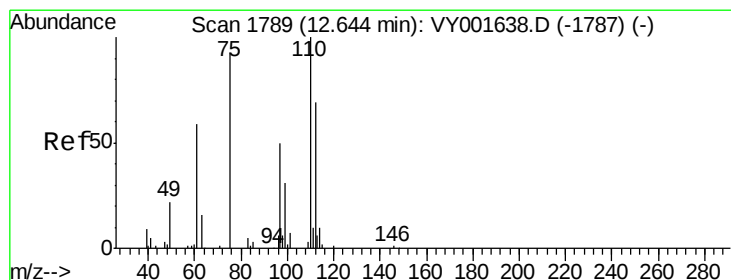
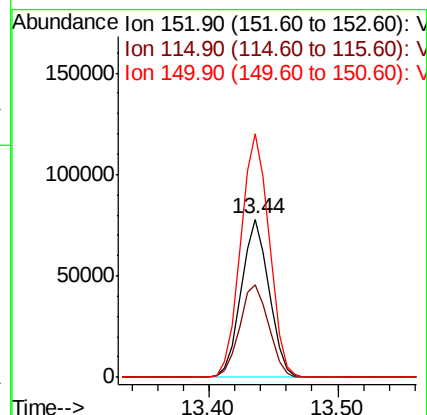
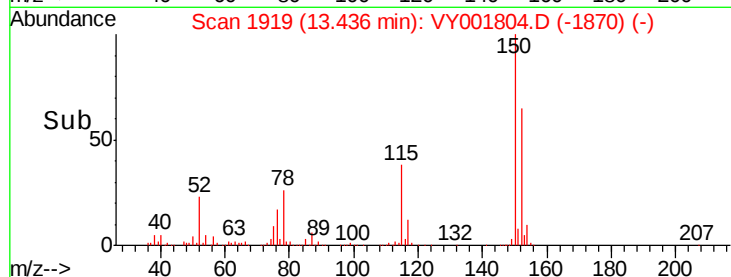
150 157.7 0.0 407.2



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: 44.496 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.15 min

Lab File: VY001804.D

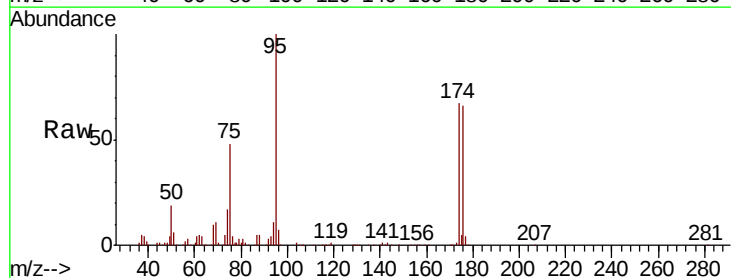
Acq: 28 Feb 2020 17:33

Tgt Ion: 75 Resp: 59469

Ion Ratio Lower Upper

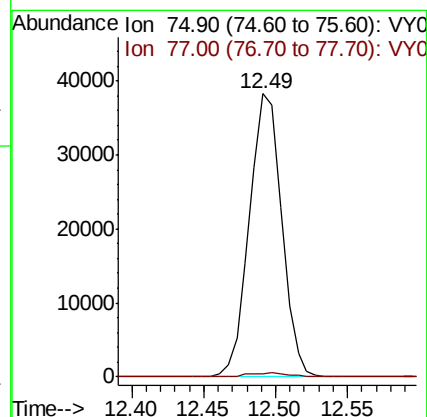
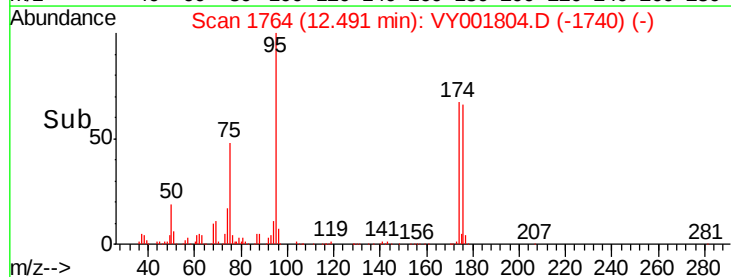
75 100

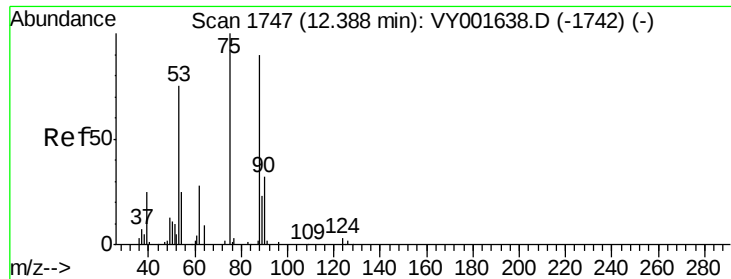
77 1.8 0.0 0.0#



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: 84.418 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.10 min

Lab File: VY001804.D

Acq: 28 Feb 2020 17:33

Instrument :

MSVOA_Y

ClientSampleId :

FK-BPM-03-013-ABCD

Tot Ion: 75 Resp: 59469

Ion Ratio Lower Upper

75 100

53 0.0 64.5 96.7#

89 0.0 36.3 54.5#

