

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY020620\
 Data File : VY001547.D
 Acq On : 06 Feb 2020 21:23
 Operator : SY/MD
 Sample : L1403-15
 Misc : 8.48G/5ML/MSVOA Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 07 04:10:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 15:10:08 2020
 Response via : Initial Calibration

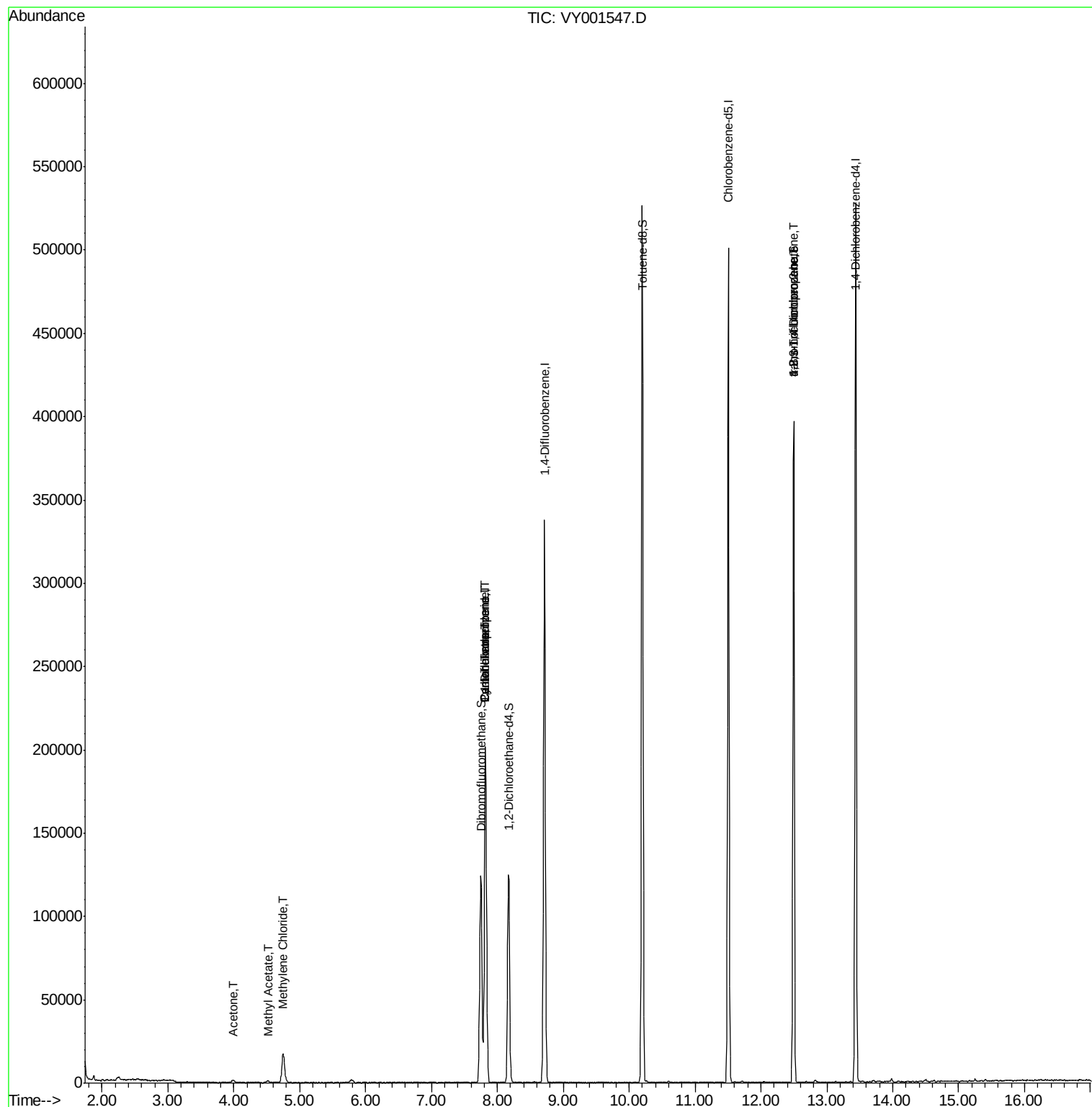
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	158834	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.72	114	296176	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.50	117	270271	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	129391	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	94257	58.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.88%	
35) Dibromofluoromethane	7.75	113	87459	51.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.42%	
50) Toluene-d8	10.20	98	347728	53.81	ug/l	0.01
Spiked Amount 50.000			Recovery	=	107.62%	
62) 4-Bromofluorobenzene	12.50	95	129527	50.88	ug/l	0.01
Spiked Amount 50.000			Recovery	=	101.76%	
Target Compounds						
16) Acetone	3.98	43	2681	5.796	ug/l	94
18) Methyl Acetate	4.52	43	2209	2.238	ug/l	90
20) Methylene Chloride	4.76	84	12990	2.701	ug/l #	91
31) Cyclohexane	7.82	56	3502	1.125	ug/l #	1
36) 1,1-Dichloropropene	7.82	75	12546	4.630	ug/l #	50
38) Carbon Tetrachloride	7.82	117	15020	5.730	ug/l #	17
76) 1,2,3-Trichloropropane	12.50	75	65477	47.056	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.50	75	65477	91.051	ug/l #	16

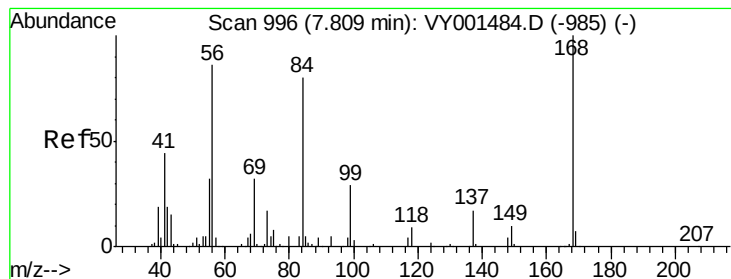
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY020620\
Data File : VY001547.D
Acq On : 06 Feb 2020 21:23
Operator : SY/MD
Sample : L1403-15
Misc : 8.48G/5ML/MSVOA Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Feb 07 04:10:48 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
Quant Title : SW846 8260
QLast Update : Tue Feb 04 15:10:08 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: VY001547.D

Acq: 06 Feb 2020 21:23

Instrument :

MSVOA_Y

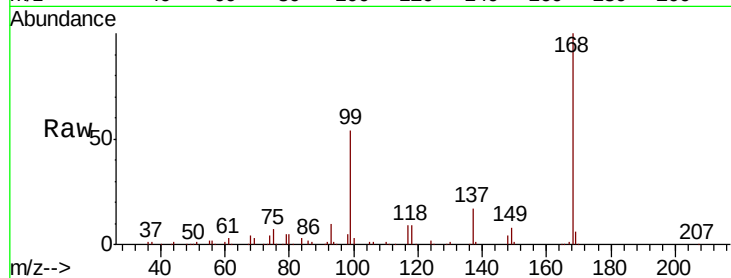
ClientSampled :

Tot Ion:168 Resp: 158834

Ion Ratio Lower Upper

168 100

99 54.2 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VY001547.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY001547.D (-947) (-)

7.82

80000

60000

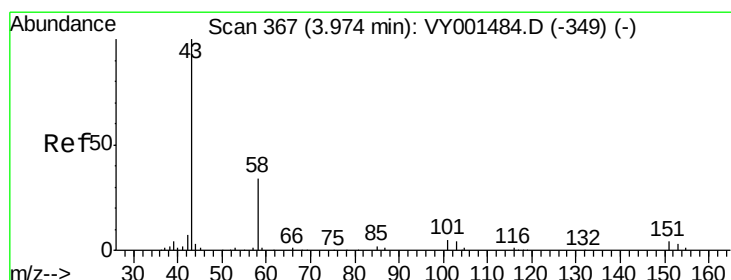
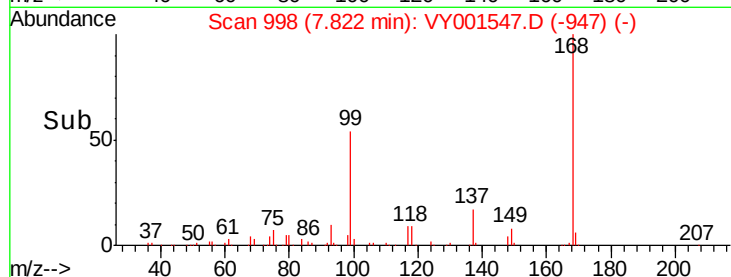
40000

20000

0

Time-->

7.70 7.80 7.90



#16

Acetone

Concen: 5.796 ug/l

RT: 3.98 min Scan# 368

Delta R.T. 0.01 min

Lab File: VY001547.D

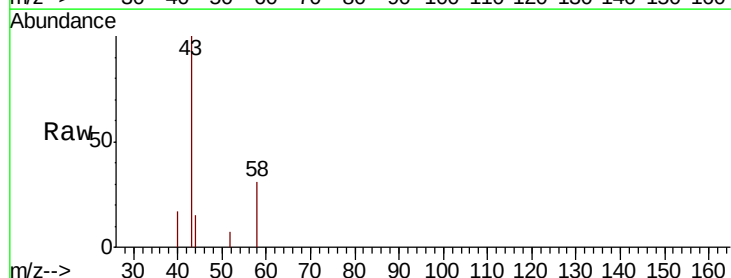
Acq: 06 Feb 2020 21:23

Tgt Ion: 43 Resp: 2681

Ion Ratio Lower Upper

43 100

58 31.1 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VY001547.D (-318) (-)

Ion 58.00 (57.70 to 58.70): VY001547.D (-318) (-)

3.98

1000

800

600

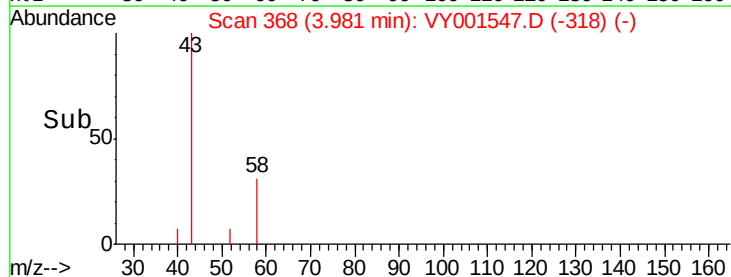
400

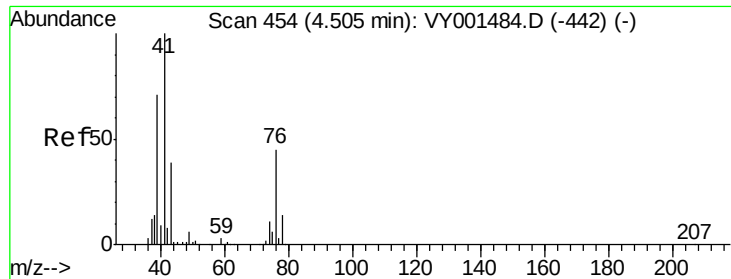
200

0

Time-->

3.90 3.95 4.00 4.05

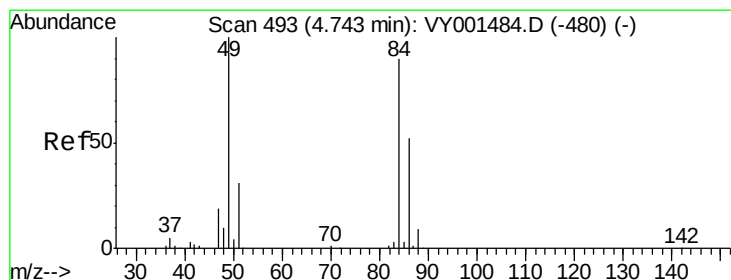
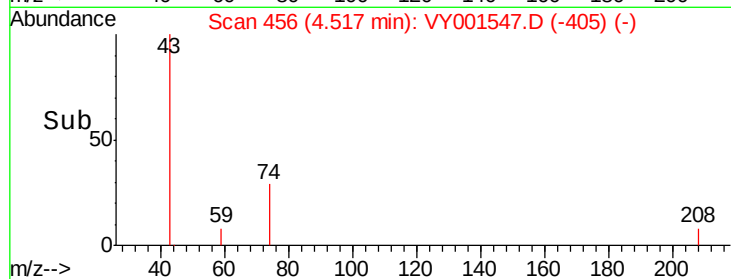
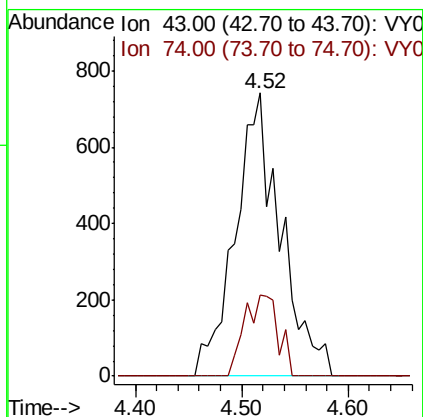
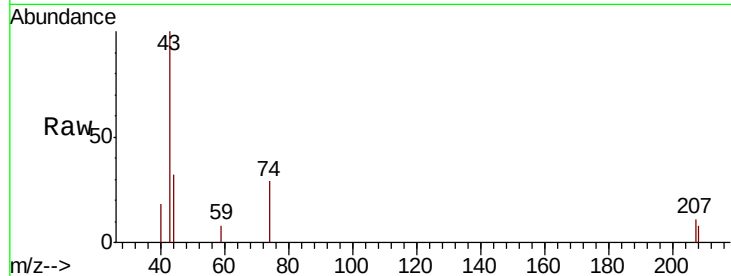




#18
Methyl Acetate
Concen: 2.238 ug/l
RT: 4.52 min Scan# 456
Delta R.T. 0.01 min
Lab File: VY001547.D
Acq: 06 Feb 2020 21:23

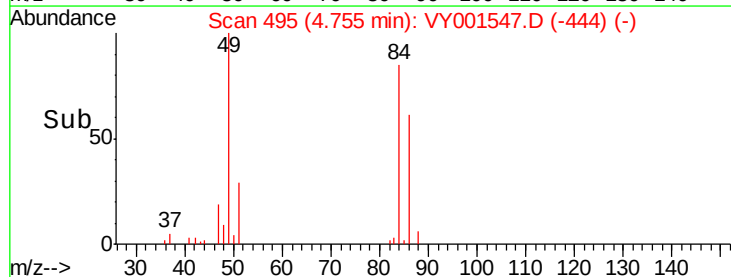
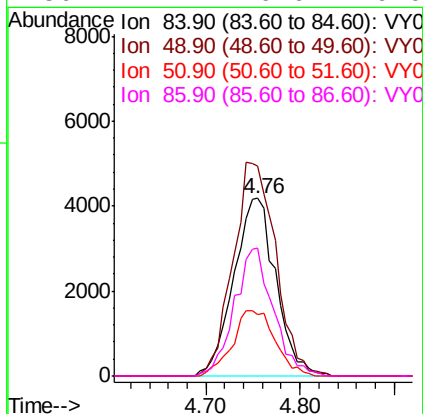
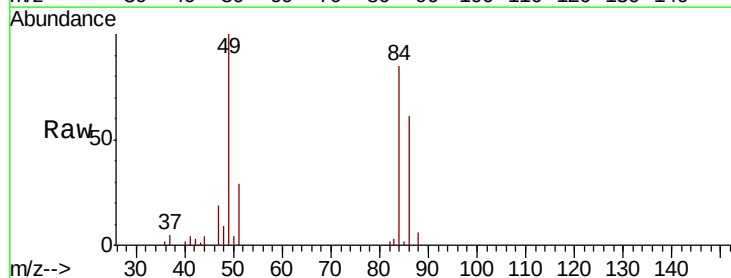
Instrument :
MSVOA_Y
ClientSampleId :

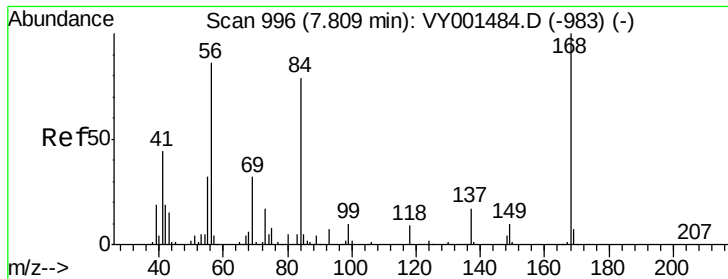
Tot Ion: 43 Resp: 2209
Ion Ratio Lower Upper
43 100
74 21.4 21.0 31.6



#20
Methylene Chloride
Concen: 2.701 ug/l
RT: 4.76 min Scan# 495
Delta R.T. 0.01 min
Lab File: VY001547.D
Acq: 06 Feb 2020 21:23

Tgt Ion: 84 Resp: 12990
Ion Ratio Lower Upper
84 100
49 118.2 89.0 133.6
51 34.8 27.4 41.2
86 72.4 46.6 70.0#

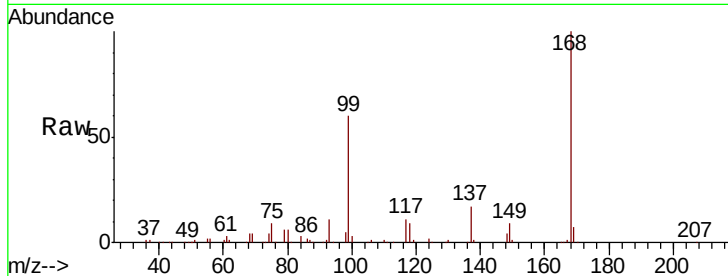




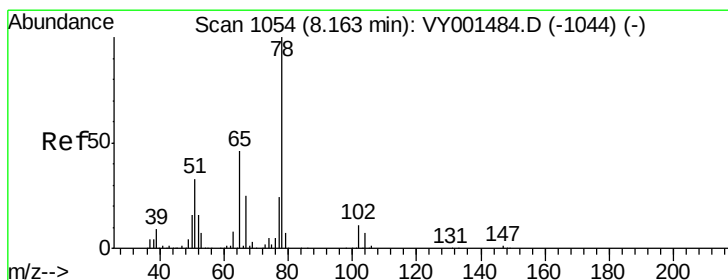
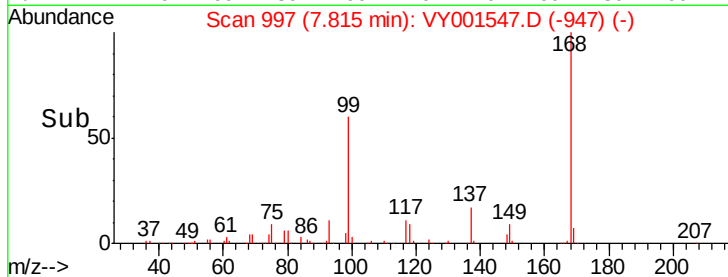
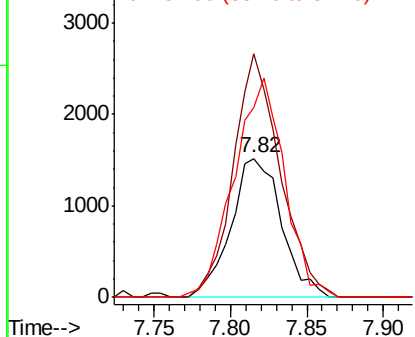
#31
Cyclohexane
Concen: 1.125 ug/l
RT: 7.82 min Scan# 997
Delta R.T. 0.01 min
Lab File: VY001547.D
Acq: 06 Feb 2020 21:23

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 56 Resp: 3502
Ion Ratio Lower Upper
56 100
69 174.9 29.6 44.4#
84 136.3 73.6 110.4#

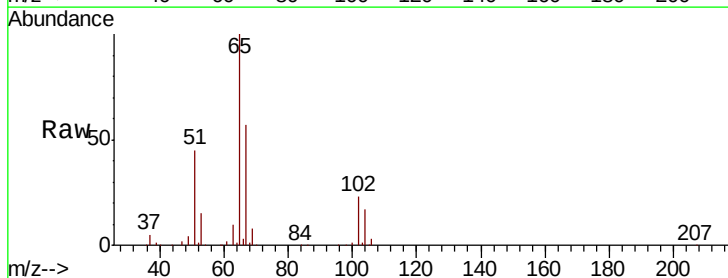


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

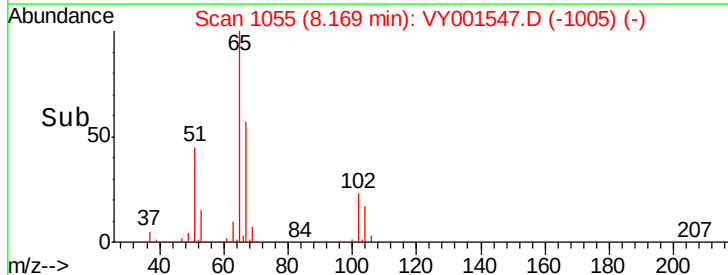
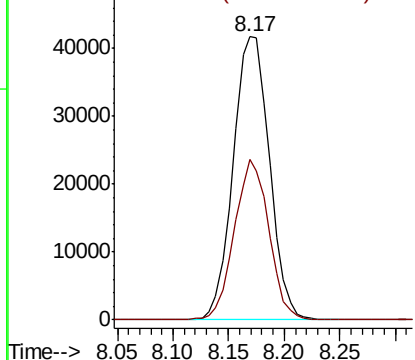


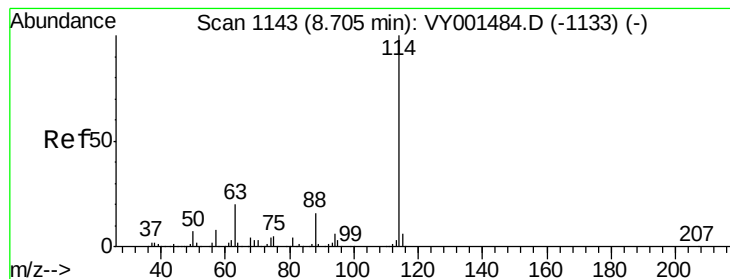
#33
1,2-Dichloroethane-d4
Concen: 58.939 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.01 min
Lab File: VY001547.D
Acq: 06 Feb 2020 21:23

Tgt Ion: 65 Resp: 94257
Ion Ratio Lower Upper
65 100
67 53.9 0.0 108.6



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: 8.72 min Scan# 1145

Delta R.T. 0.01 min

Lab File: VY001547.D

Acq: 06 Feb 2020 21:23

Instrument :

MSVOA_Y

ClientSampleId :

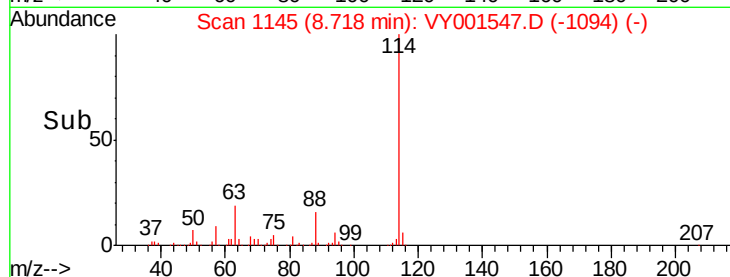
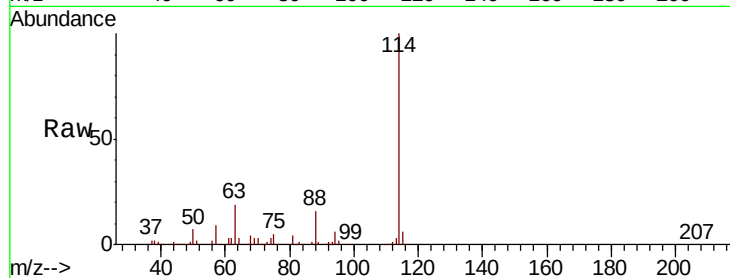
Tot Ion:114 Resp: 296176

Ion Ratio Lower Upper

114 100

63 19.3 0.0 39.8

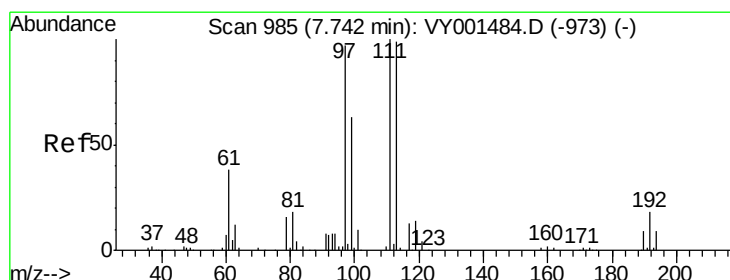
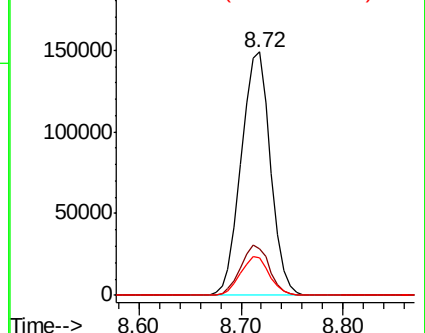
88 15.5 0.0 32.6



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: 51.209 ug/l

RT: 7.75 min Scan# 986

Delta R.T. 0.01 min

Lab File: VY001547.D

Acq: 06 Feb 2020 21:23

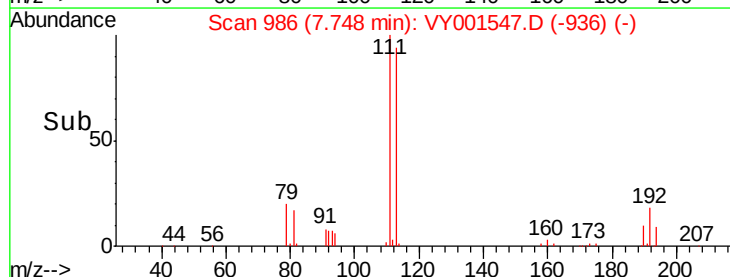
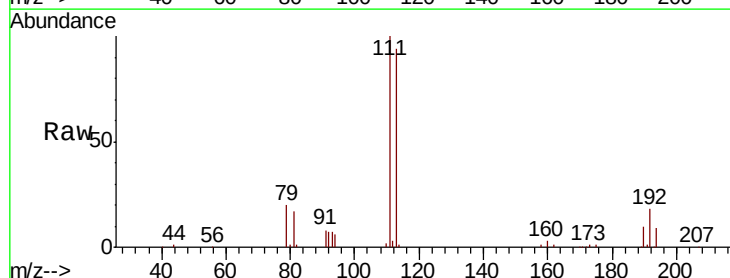
Tgt Ion:113 Resp: 87459

Ion Ratio Lower Upper

113 100

111 103.4 82.9 124.3

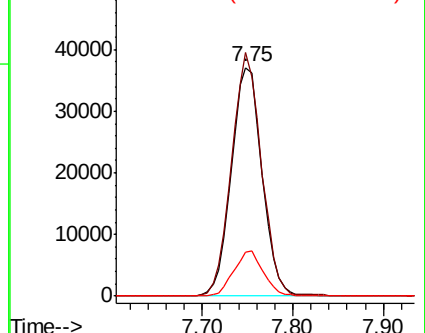
192 19.1 14.6 22.0

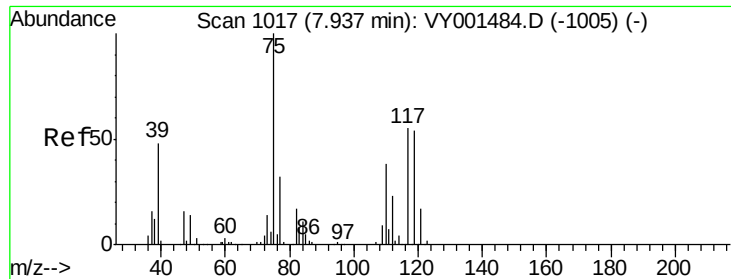


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

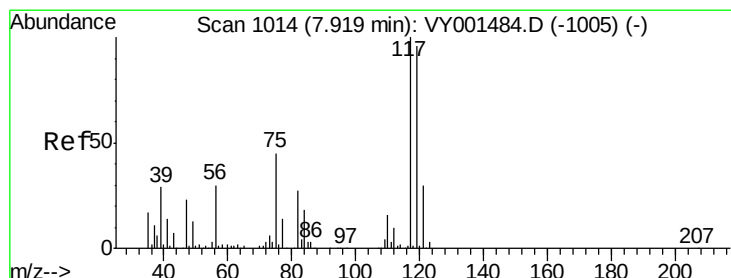
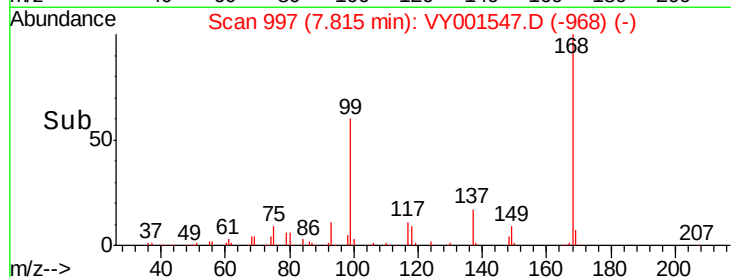
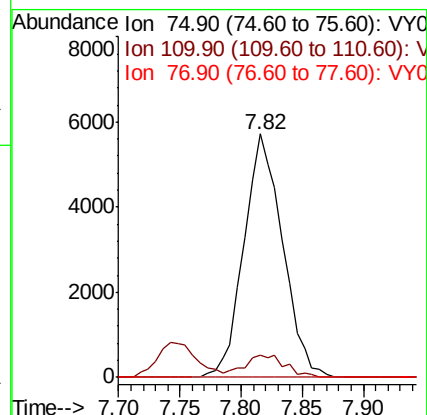
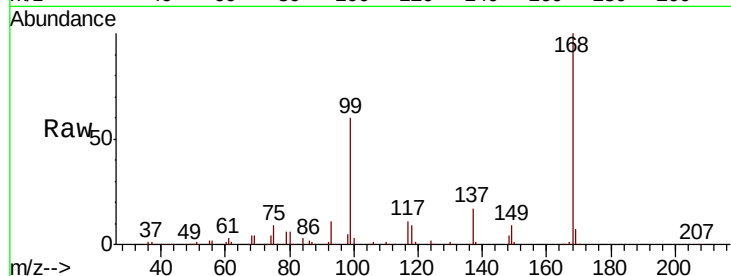




#36
 1,1-Dichloropropene
 Concen: 4.630 ug/l
 RT: 7.82 min Scan# 997
 Delta R.T. -0.12 min
 Lab File: VY001547.D
 Acq: 06 Feb 2020 21:23

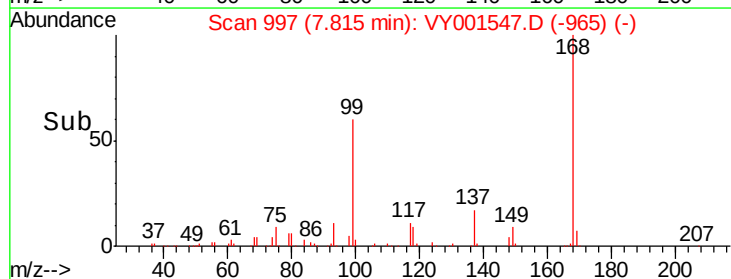
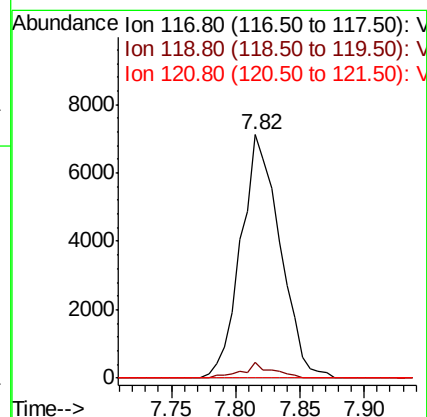
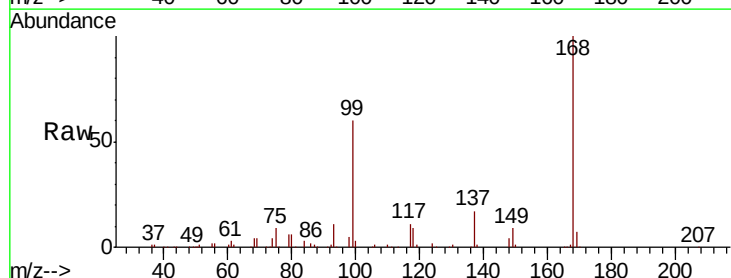
Instrument :
 MSVOA_Y
 ClientSampled :

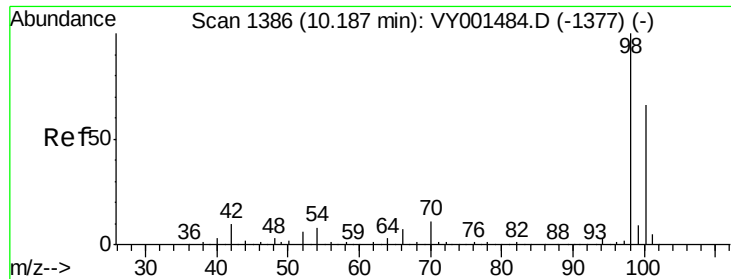
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.7	18.2	54.6#
77	0.0	25.0	37.4#



#38
 Carbon Tetrachloride
 Concen: 5.730 ug/l
 RT: 7.82 min Scan# 997
 Delta R.T. -0.10 min
 Lab File: VY001547.D
 Acq: 06 Feb 2020 21:23

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.4	76.4	114.6#
121	0.0	24.2	36.4#





#50

Toluene-d8

Concen: 53.814 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY001547.D

Acq: 06 Feb 2020 21:23

Instrument :

MSVOA_Y

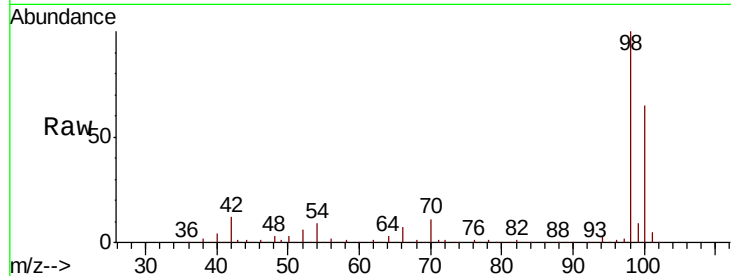
ClientSampled :

Tot Ion: 98 Resp: 347728

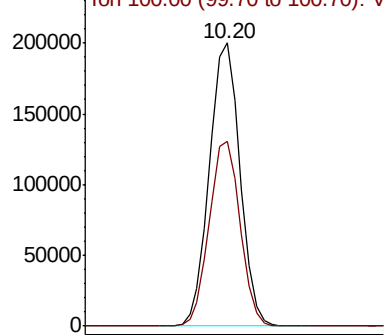
Ion Ratio Lower Upper

98 100

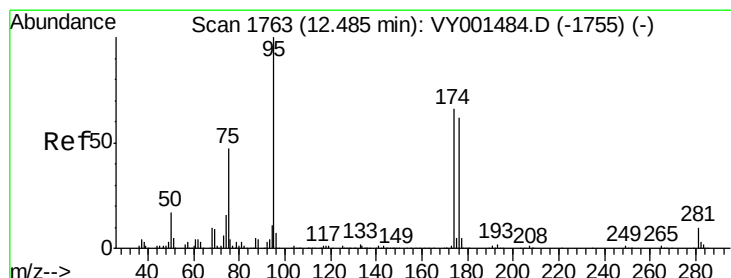
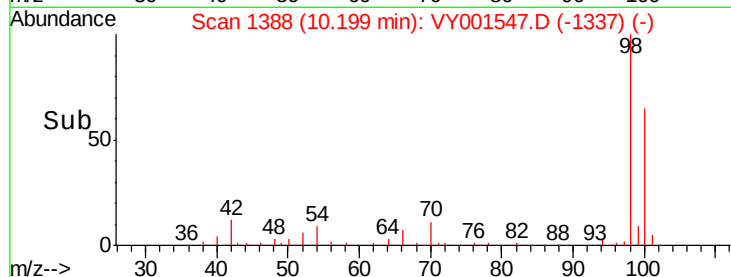
100 65.9 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VY001484.D (-1377) (-)



Time-->



#62

4-Bromofluorobenzene

Concen: 50.884 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. 0.01 min

Lab File: VY001547.D

Acq: 06 Feb 2020 21:23

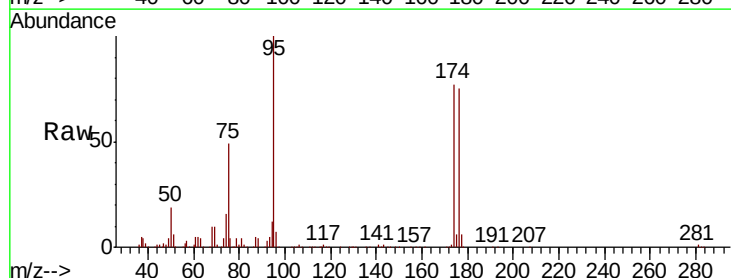
Tgt Ion: 95 Resp: 129527

Ion Ratio Lower Upper

95 100

174 75.5 0.0 141.4

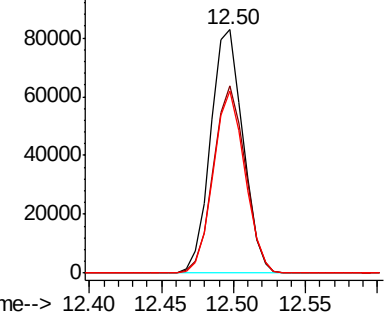
176 72.9 0.0 135.4



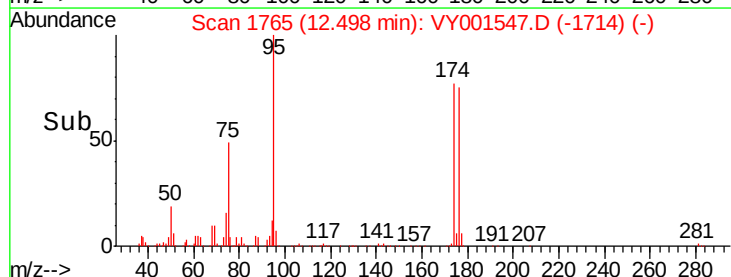
Abundance Ion 94.90 (94.60 to 95.60): VY001484.D (-1755) (-)

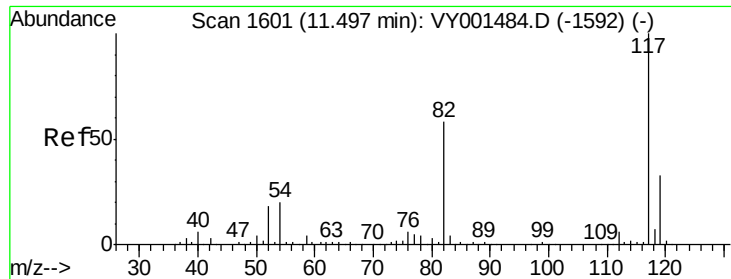
Ion 173.80 (173.50 to 174.50): VY001484.D (-1755) (-)

Ion 175.80 (175.50 to 176.50): VY001484.D (-1755) (-)



Time-->

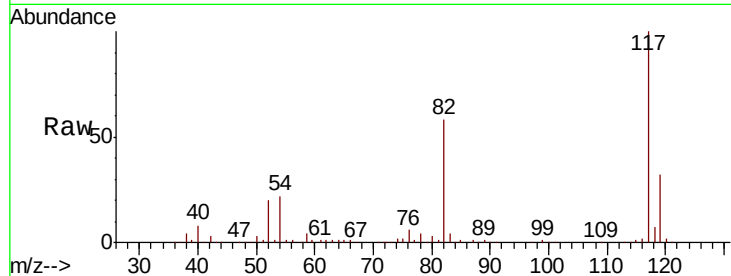




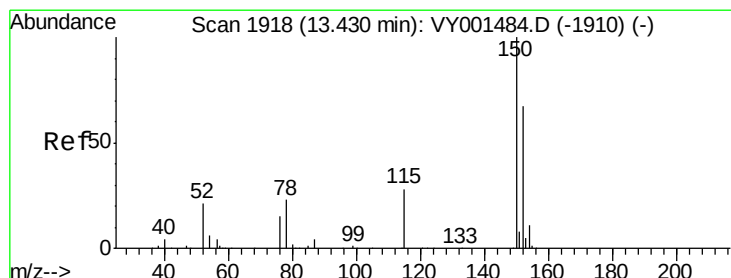
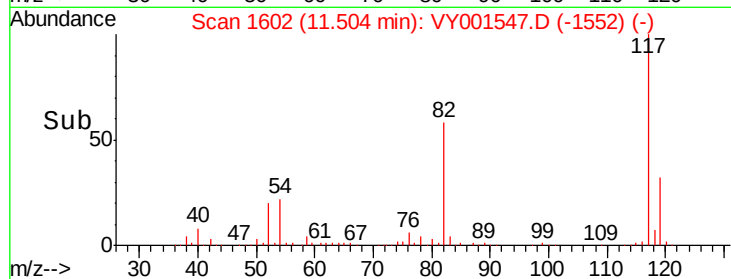
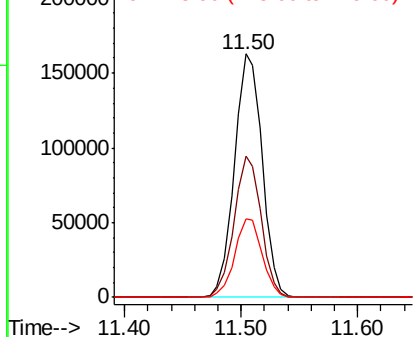
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY001547.D
Acq: 06 Feb 2020 21:23

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 270271
Ion Ratio Lower Upper
117 100
82 58.2 46.1 69.1
119 32.1 26.1 39.1

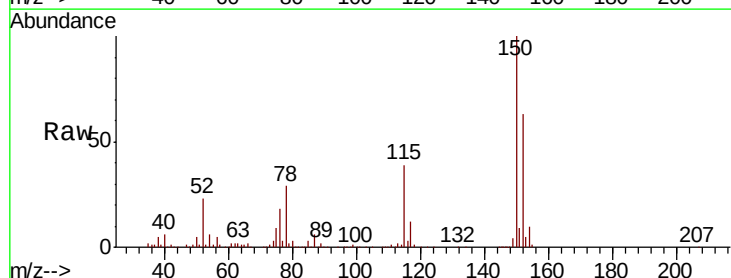


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

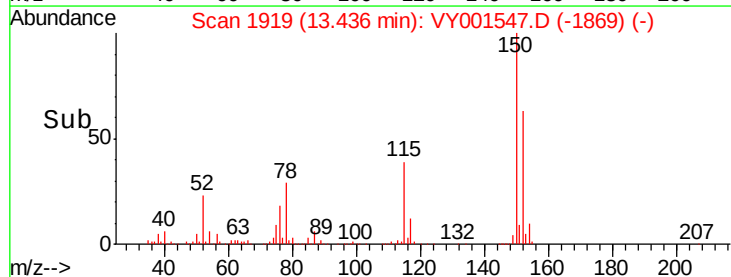
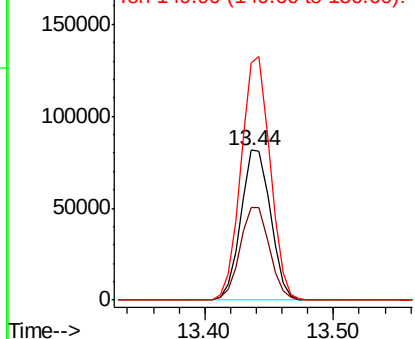


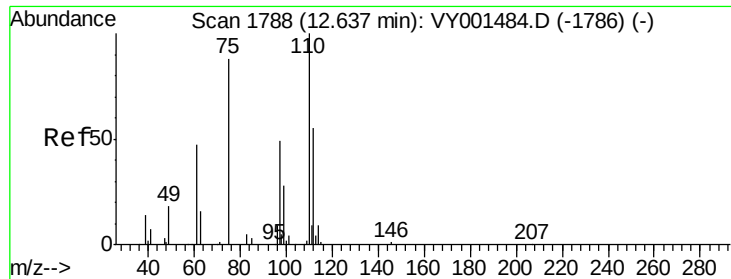
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY001547.D
Acq: 06 Feb 2020 21:23

Tgt Ion:152 Resp: 129391
Ion Ratio Lower Upper
152 100
115 61.2 31.4 94.3
150 159.2 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

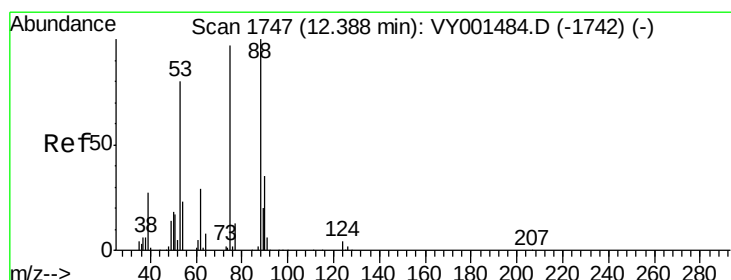
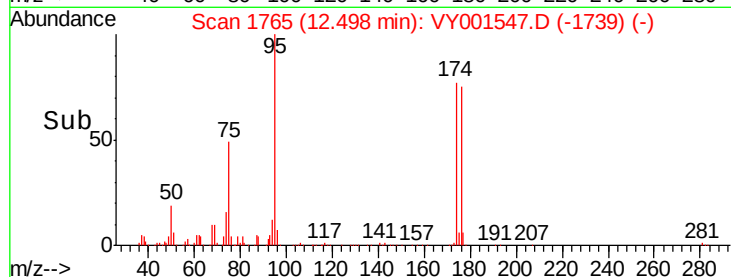
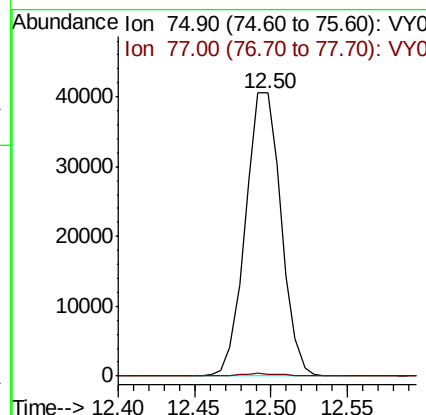
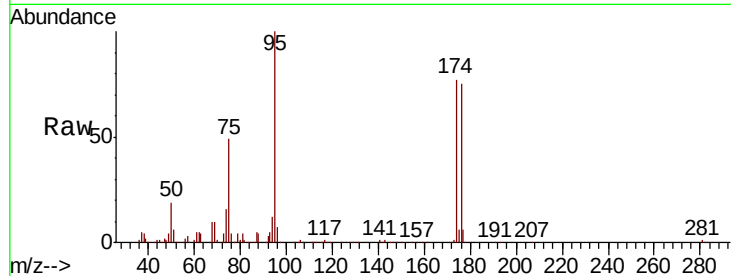




#76
 1,2,3-Trichloropropane
 Concen: 47.056 ug/l
 RT: 12.50 min Scan# 1765
 Delta R.T. -0.14 min
 Lab File: VY001547.D
 Acq: 06 Feb 2020 21:23

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 75 Resp: 65477
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 91.051 ug/l
 RT: 12.50 min Scan# 1765
 Delta R.T. 0.11 min
 Lab File: VY001547.D
 Acq: 06 Feb 2020 21:23

Tgt Ion: 75 Resp: 65477
 Ion Ratio Lower Upper
 75 100
 53 0.0 67.7 101.5#
 89 0.0 34.6 52.0#

