

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041720\
 Data File : VY002393.D
 Acq On : 17 Apr 2020 13:00
 Operator : SY/MD
 Sample : L2284-13
 Misc : 9.93G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 18 04:35:49 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

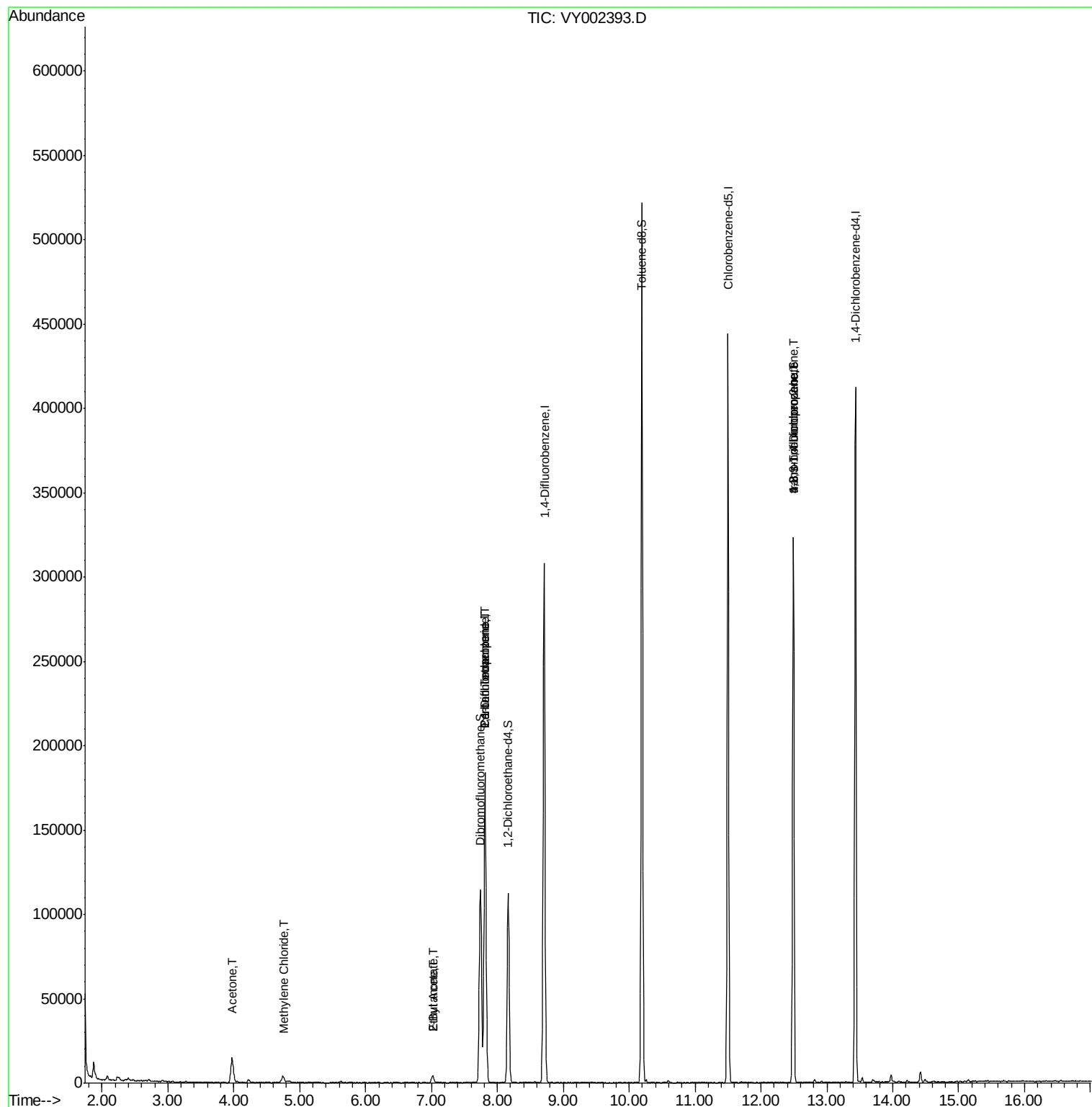
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	144383	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.71	114	285976	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.50	117	259810	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	105488	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	76777	47.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.64%	
35) Dibromofluoromethane	7.74	113	85267	50.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.22%	
50) Toluene-d8	10.19	98	346313	48.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.24%	
62) 4-Bromofluorobenzene	12.49	95	107909	45.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.84%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.97	59	50	Below Cal	#	77
16) Acetone	3.97	43	24730	58.477	ug/l	94
20) Methylene Chloride	4.76	84	3136	1.509	ug/l #	66
25) 2-Butanone	7.02	43	6140	9.174	ug/l	96
36) 1,1-Dichloropropene	7.81	75	10922	3.877	ug/l #	49
37) Ethyl Acetate	7.02	43	6140	3.816	ug/l #	67
38) Carbon Tetrachloride	7.82	117	13521	5.612	ug/l #	16
76) 1,2,3-Trichloropropane	12.49	75	48444	39.548	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	48444	76.920	ug/l #	19

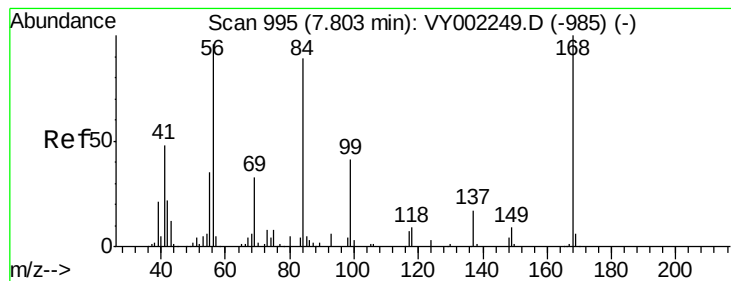
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY041720\
Data File : VY002393.D
Acq On : 17 Apr 2020 13:00
Operator : SY/MD
Sample : L2284-13
Misc : 9.93G/5ML/MSVOA Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Apr 18 04:35:49 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
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: VY002393.D

Acq: 17 Apr 2020 13:00

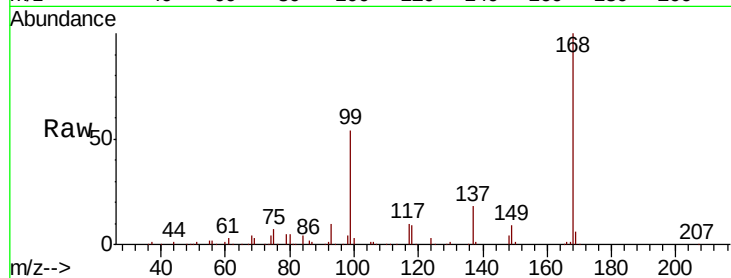
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 144383

Ion Ratio Lower Upper

168 100

99 54.3 48.0 72.0



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

Ion 98.90 (98.60 to 99.60): VY002249.D (-985) (-)

7.82

60000

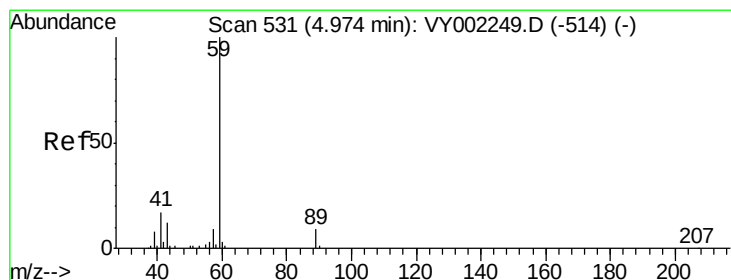
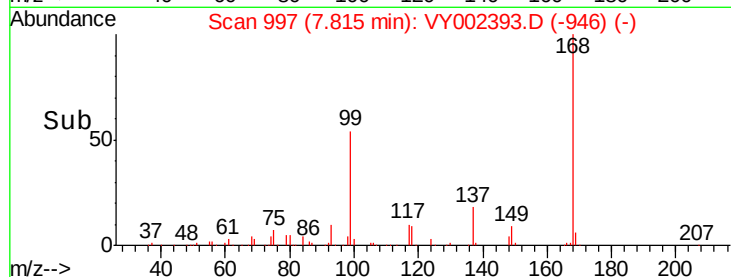
40000

20000

0

7.70 7.80 7.90

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.97 min Scan# 530

Delta R.T. -0.01 min

Lab File: VY002393.D

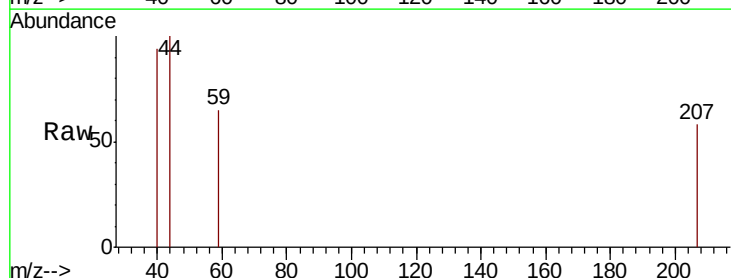
Acq: 17 Apr 2020 13:00

Tgt Ion: 59 Resp: 50

Ion Ratio Lower Upper

59 100

57 0.0 6.6 9.8#



Abundance Ion 59.00 (58.70 to 59.70): VY002249.D (-514) (-)

Ion 57.00 (56.70 to 57.70): VY002249.D (-514) (-)

4.97

80

60

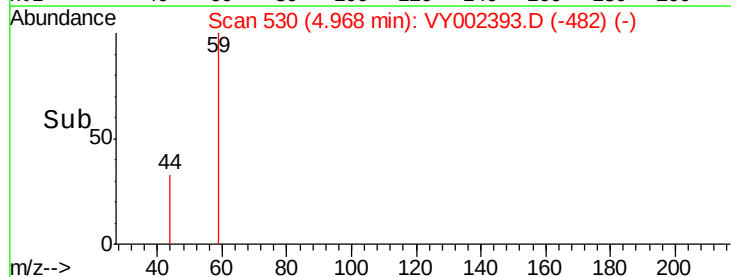
40

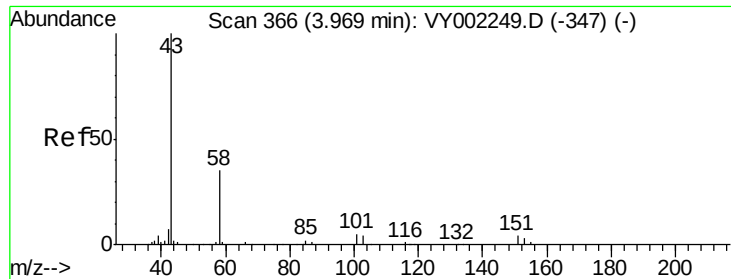
20

0

4.94 4.96 4.98 5.00

Time-->





#16

Acetone

Concen: 58.477 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.01 min

Lab File: VY002393.D

Acq: 17 Apr 2020 13:00

Instrument :

MSVOA_Y

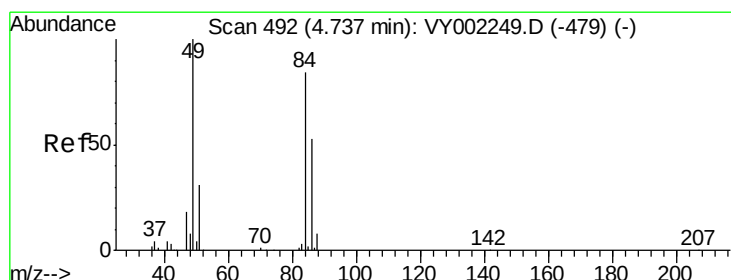
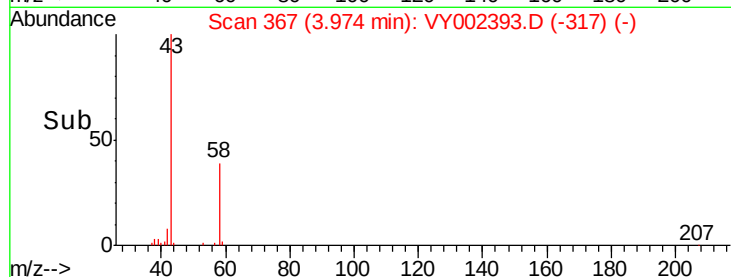
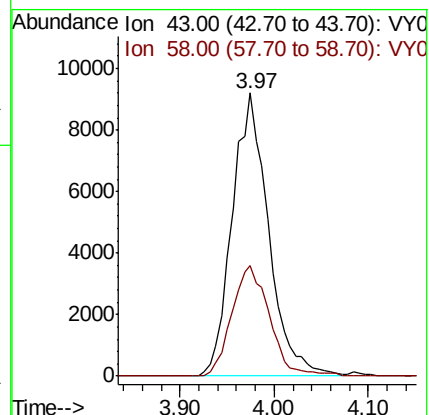
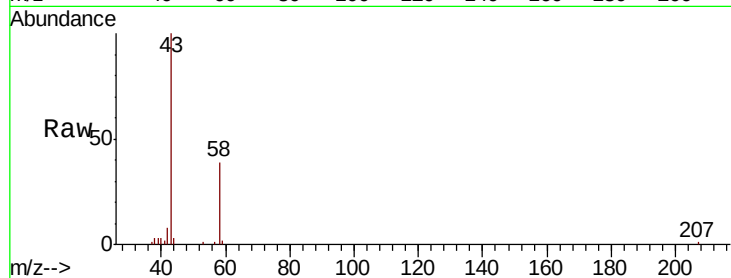
ClientSampled :

Tot Ion: 43 Resp: 24730

Ion Ratio Lower Upper

43 100

58 39.0 28.5 42.7



#20

Methylene Chloride

Concen: 1.509 ug/l

RT: 4.76 min Scan# 496

Delta R.T. 0.02 min

Lab File: VY002393.D

Acq: 17 Apr 2020 13:00

Tgt Ion: 84 Resp: 3136

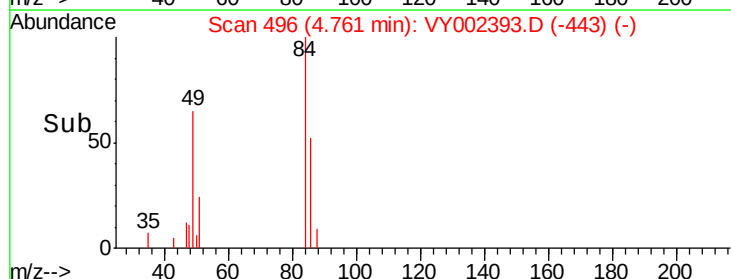
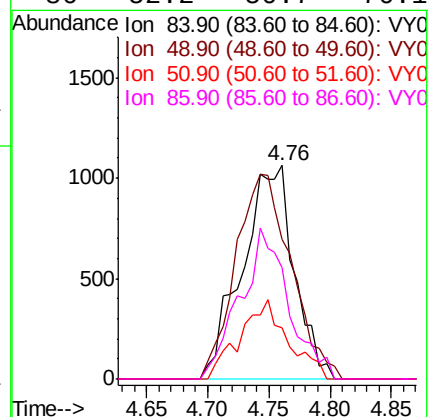
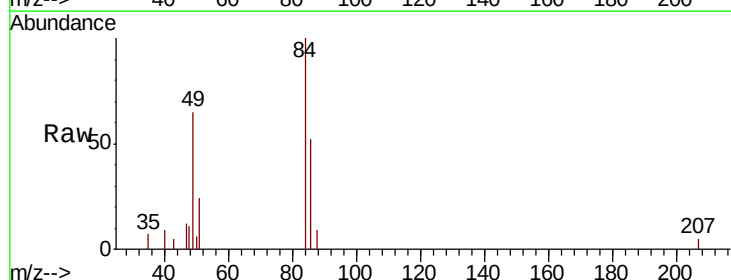
Ion Ratio Lower Upper

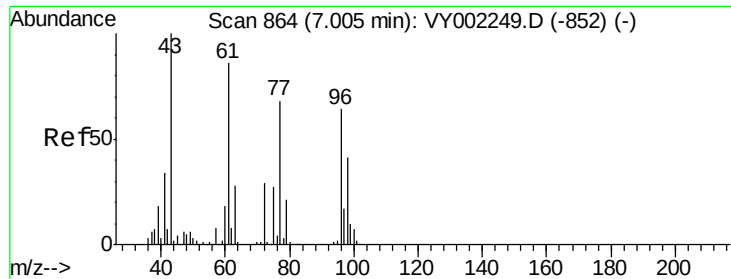
84 100

49 65.3 95.5 143.3#

51 23.7 29.5 44.3#

86 52.2 50.7 76.1

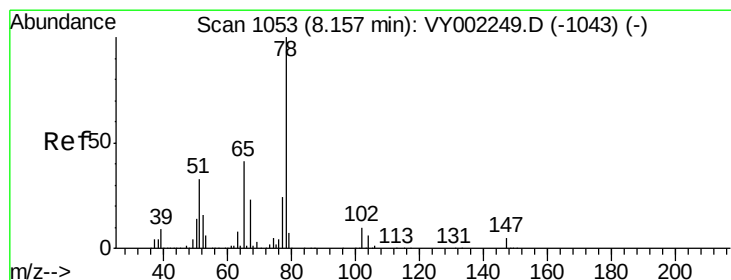
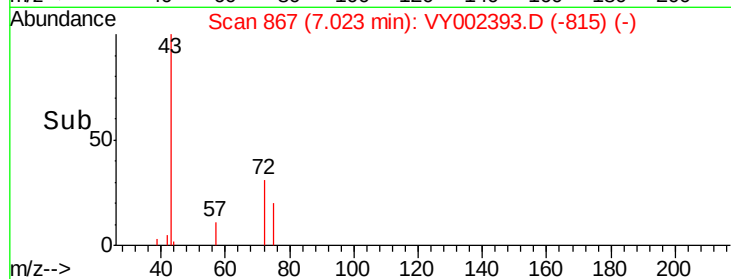
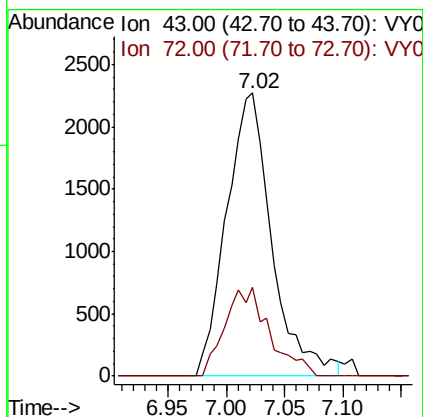
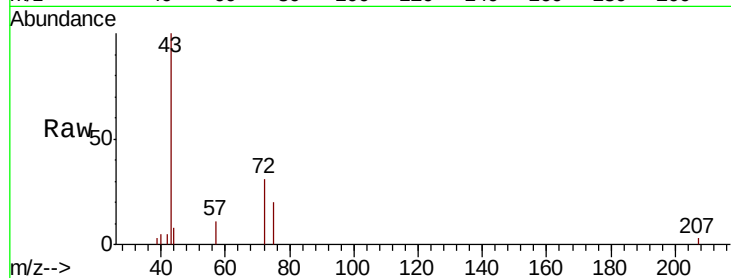




#25
2-Butanone
Concen: 9.174 ug/l
RT: 7.02 min Scan# 867
Delta R.T. 0.02 min
Lab File: VY002393.D
Acq: 17 Apr 2020 13:00

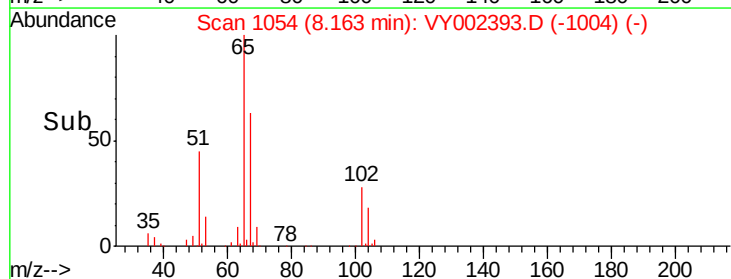
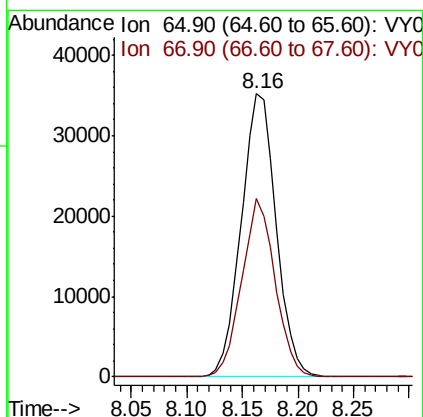
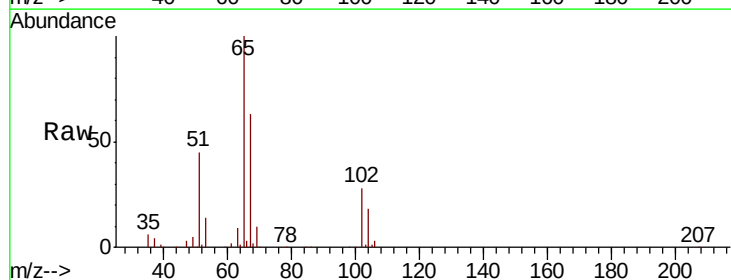
Instrument :
MSVOA_Y
ClientSampled :

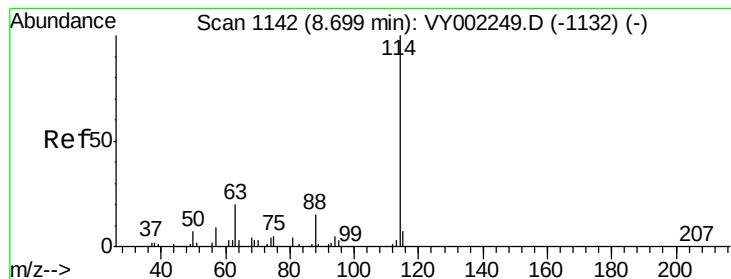
Tot Ion: 43 Resp: 6140
Ion Ratio Lower Upper
43 100
72 31.2 23.2 34.8



#33
1,2-Dichloroethane-d4
Concen: 47.817 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. 0.01 min
Lab File: VY002393.D
Acq: 17 Apr 2020 13:00

Tgt Ion: 65 Resp: 76777
Ion Ratio Lower Upper
65 100
67 60.1 0.0 114.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. 0.01 min

Lab File: VY002393.D

Acq: 17 Apr 2020 13:00

Instrument :

MSVOA_Y

ClientSampleId :

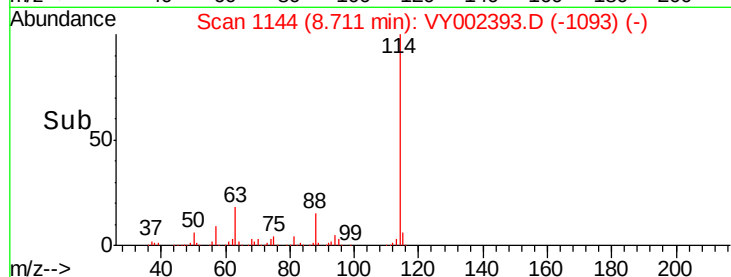
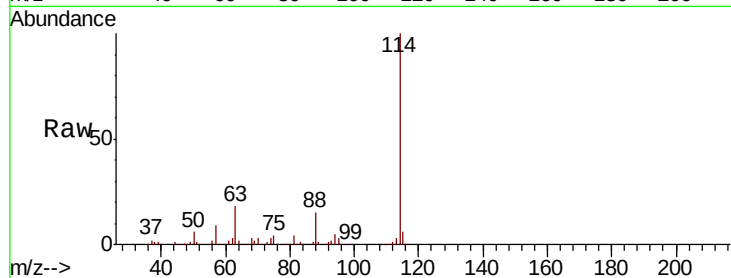
Tot Ion:114 Resp: 285976

Ion Ratio Lower Upper

114 100

63 18.1 0.0 39.0

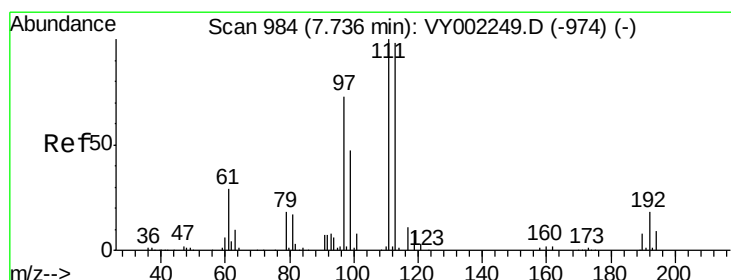
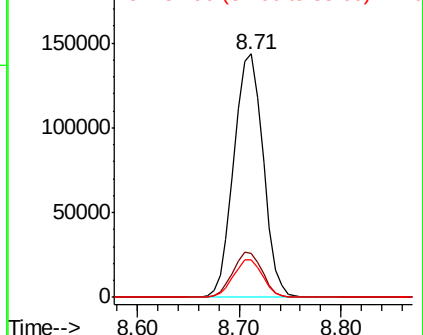
88 15.2 0.0 31.0



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: 50.108 ug/l

RT: 7.74 min Scan# 985

Delta R.T. 0.01 min

Lab File: VY002393.D

Acq: 17 Apr 2020 13:00

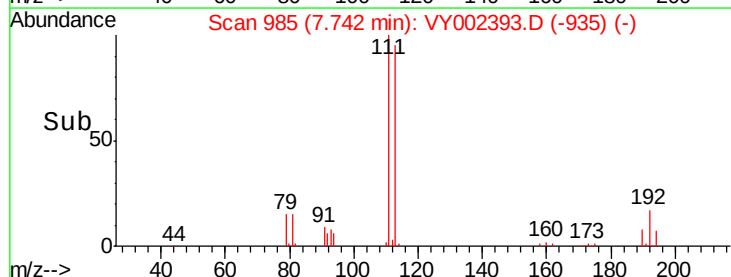
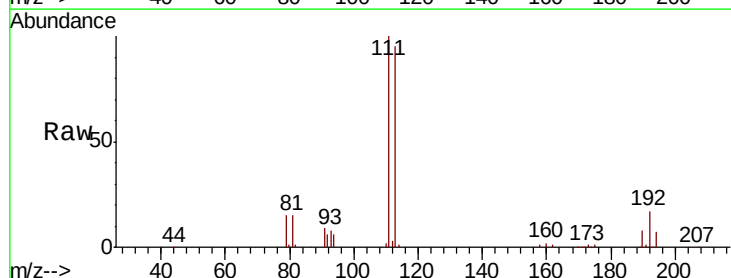
Tgt Ion:113 Resp: 85267

Ion Ratio Lower Upper

113 100

111 103.2 83.5 125.3

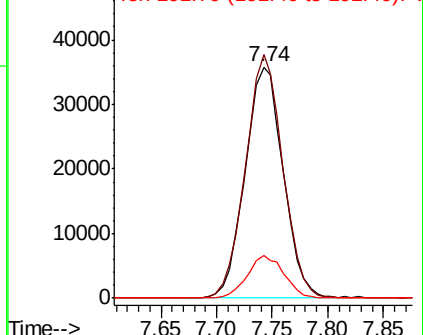
192 17.9 14.7 22.1

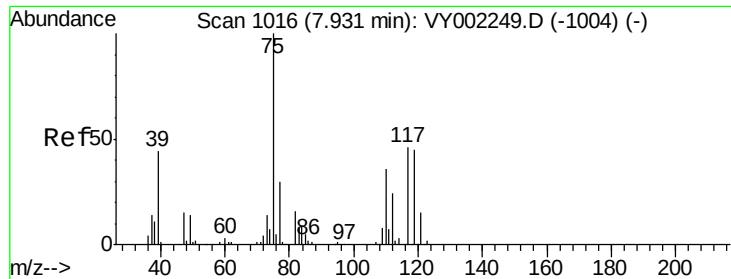


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

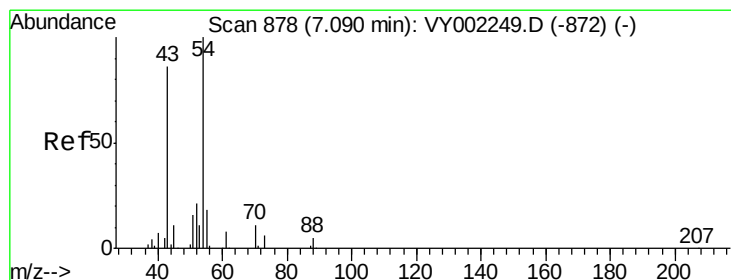
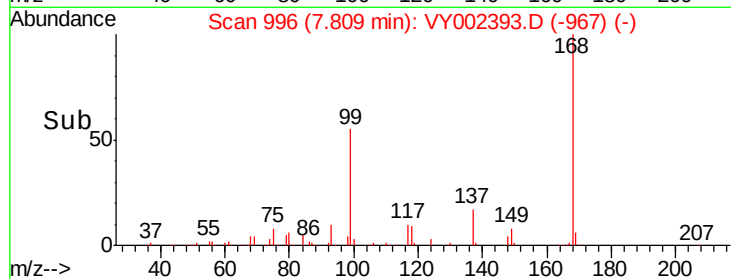
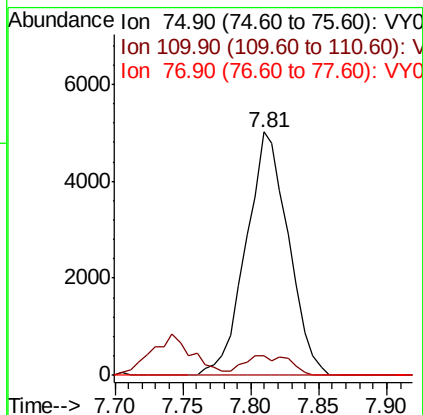
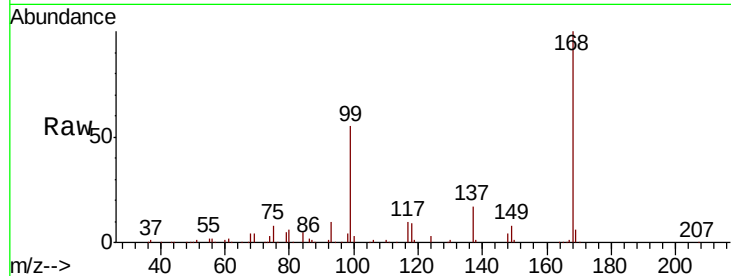




#36
 1,1-Dichloropropene
 Concen: 3.877 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.12 min
 Lab File: VY002393.D
 Acq: 17 Apr 2020 13:00

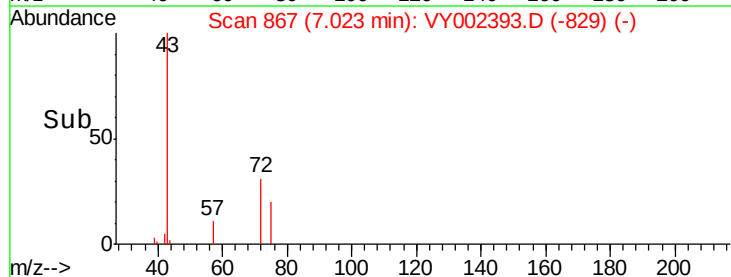
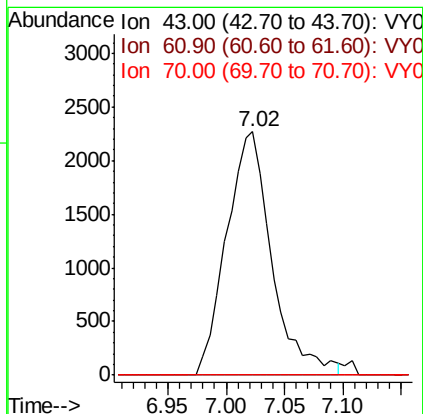
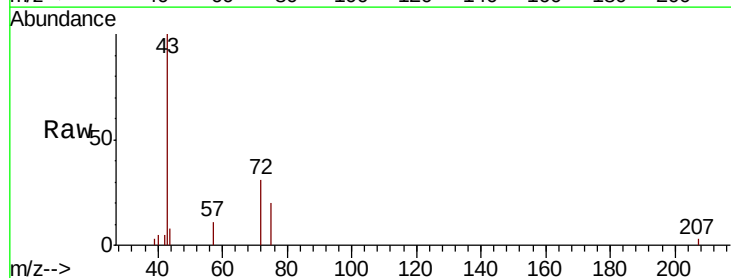
Instrument :
 MSVOA_Y
 ClientSampleId :

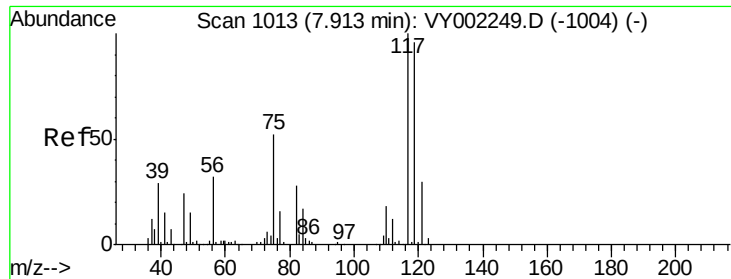
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.7	17.8	53.3#
77	0.0	24.4	36.6#



#37
 Ethyl Acetate
 Concen: 3.816 ug/l
 RT: 7.02 min Scan# 867
 Delta R.T. -0.07 min
 Lab File: VY002393.D
 Acq: 17 Apr 2020 13:00

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.8	17.6#
70	0.0	9.1	13.7#





#38

Carbon Tetrachloride

Concen: 5.612 ug/l

RT: 7.82 min Scan# 997

Delta R.T. -0.10 min

Lab File: VY002393.D

Acq: 17 Apr 2020 13:00

Instrument :

MSVOA_Y

ClientSampleId :

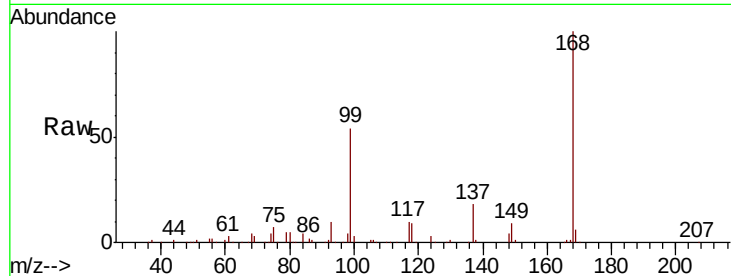
Tot Ion:117 Resp: 13521

Ion Ratio Lower Upper

117 100

119 5.1 77.1 115.7#

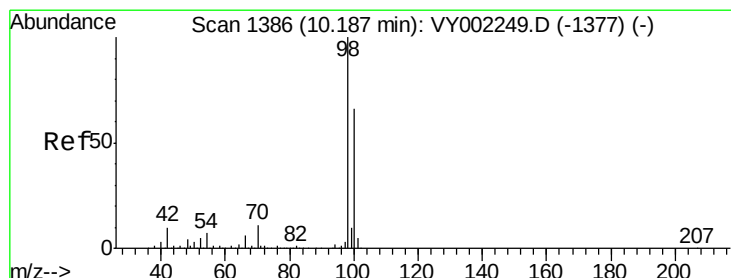
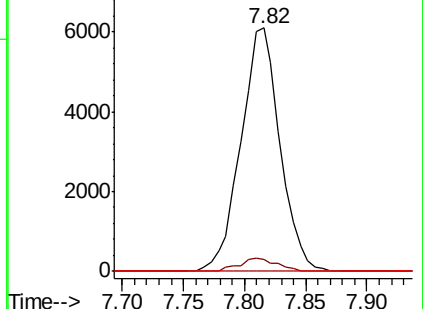
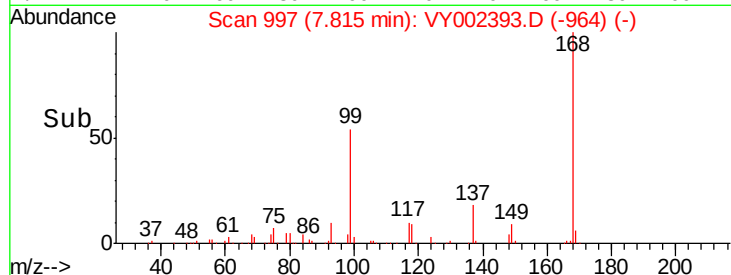
121 0.0 23.9 35.9#



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: 48.623 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY002393.D

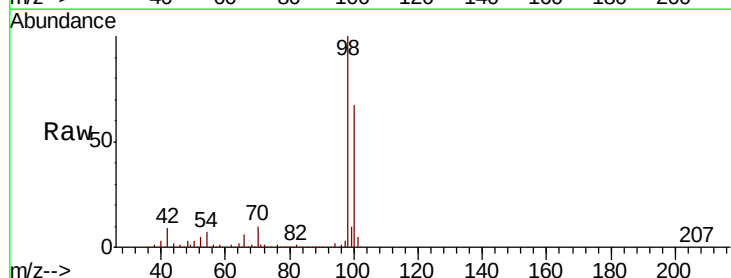
Acq: 17 Apr 2020 13:00

Tgt Ion: 98 Resp: 346313

Ion Ratio Lower Upper

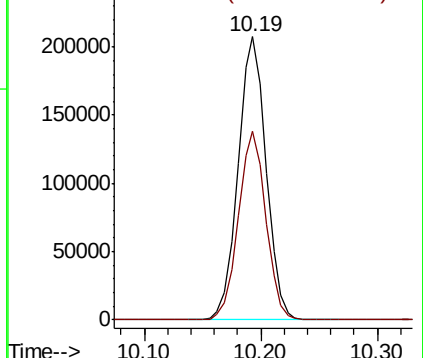
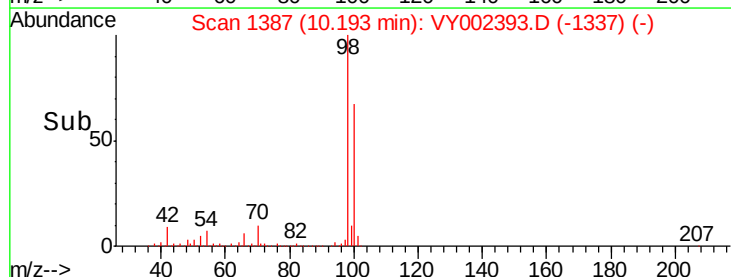
98 100

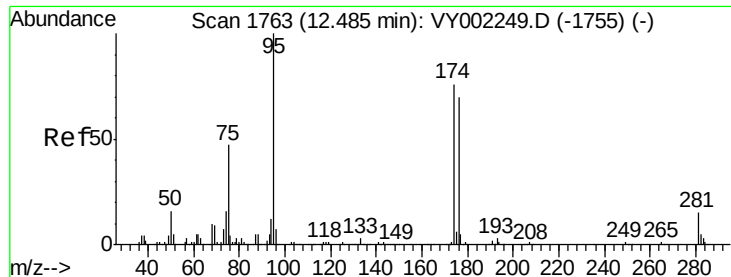
100 65.6 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

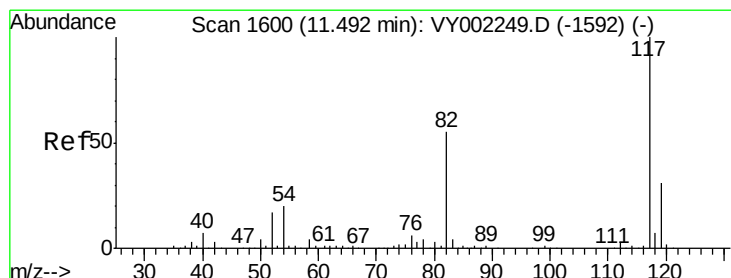
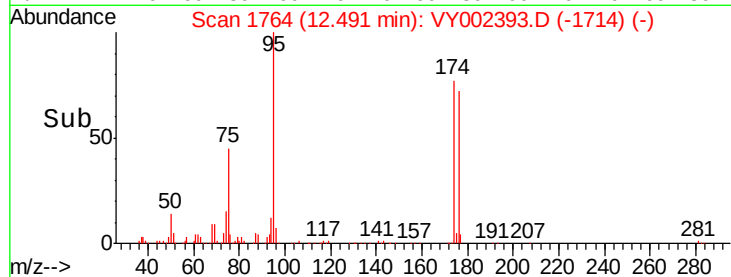
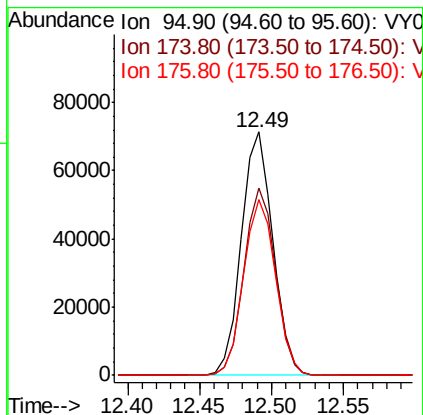
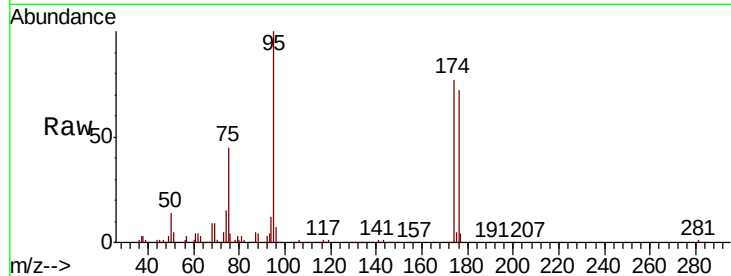




#62
4-Bromofluorobenzene
Concen: 45.923 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.01 min
Lab File: VY002393.D
Acq: 17 Apr 2020 13:00

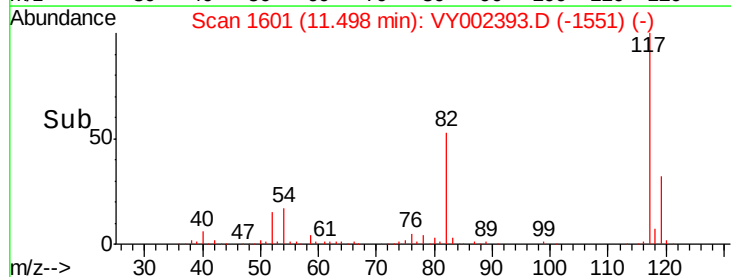
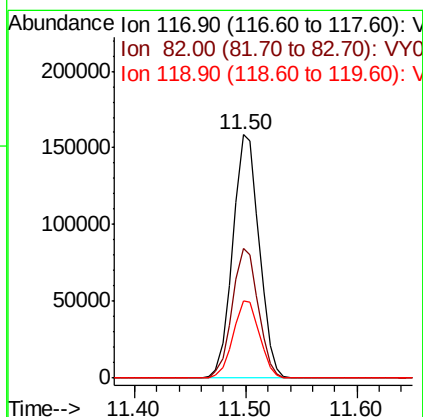
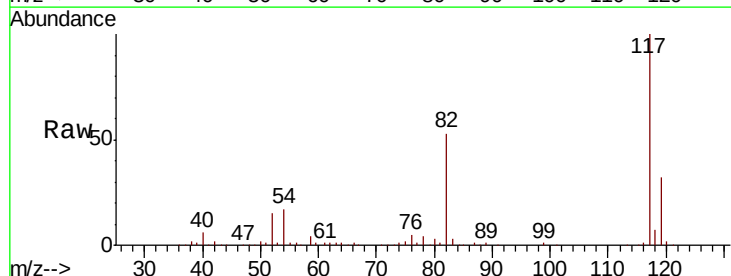
Instrument :
MSVOA_Y
ClientSampleId :

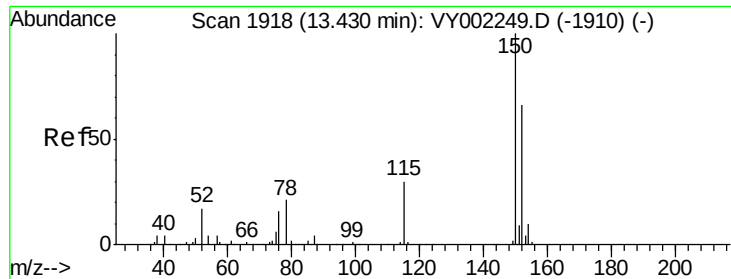
Tot Ion: 95 Resp: 107909
Ion Ratio Lower Upper
95 100
174 77.4 0.0 150.6
176 73.5 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VY002393.D
Acq: 17 Apr 2020 13:00

Tgt Ion: 117 Resp: 259810
Ion Ratio Lower Upper
117 100
82 53.5 44.2 66.4
119 31.5 25.1 37.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.01 min

Lab File: VY002393.D

Acq: 17 Apr 2020 13:00

Instrument :

MSVOA_Y

ClientSampleId :

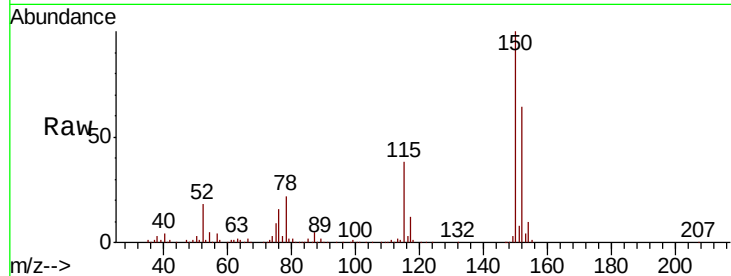
Tot Ion:152 Resp: 105488

Ion Ratio Lower Upper

152 100

115 59.8 30.7 92.1

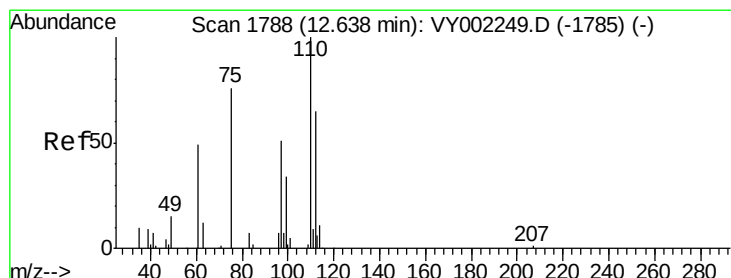
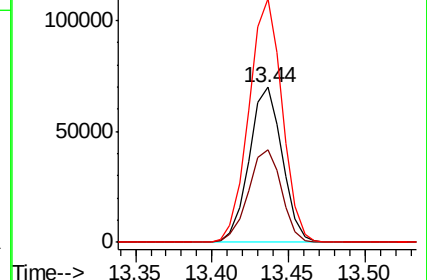
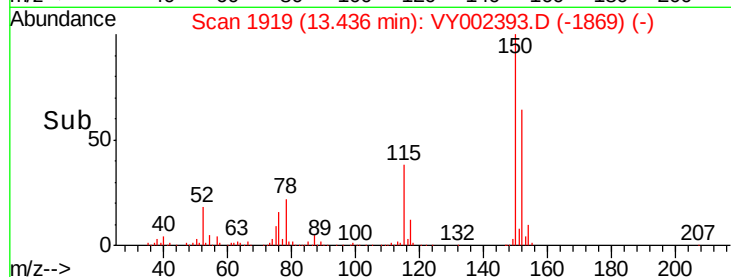
150 157.5 0.0 350.6



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: 39.548 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.15 min

Lab File: VY002393.D

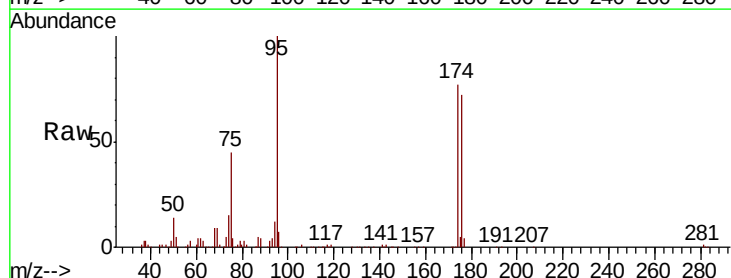
Acq: 17 Apr 2020 13:00

Tgt Ion: 75 Resp: 48444

Ion Ratio Lower Upper

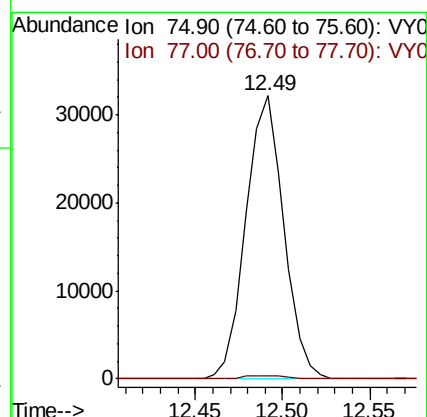
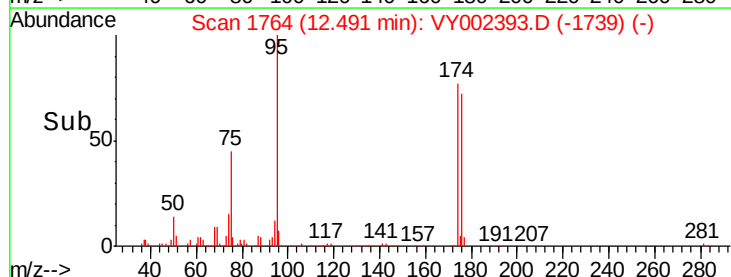
75 100

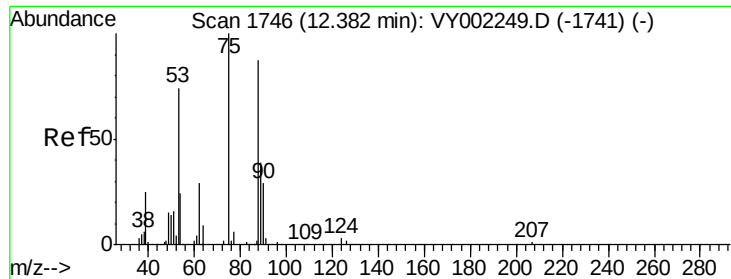
77 1.4 0.0 0.0#



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: 76.920 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.11 min

Lab File: VY002393.D

Acq: 17 Apr 2020 13:00

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 75 Resp: 48444

Ion Ratio Lower Upper

75 100

53 0.0 59.8 89.8#

89 0.0 37.0 55.6#

