

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041620\
 Data File : VY002356.D
 Acq On : 16 Apr 2020 11:01
 Operator : SY/MD
 Sample : VY0416SBL01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 17 07:03:13 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	7.80	168	152772	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	308718	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	289418	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	128468	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	86966	51.19	ug/l	0.00
Spiked Amount			Recovery	=	102.38%	
35) Dibromofluoromethane	7.73	113	90175	49.09	ug/l	0.00
Spiked Amount			Recovery	=	98.18%	
50) Toluene-d8	10.19	98	368698	47.95	ug/l	0.00
Spiked Amount			Recovery	=	95.90%	
62) 4-Bromofluorobenzene	12.49	95	127983	50.45	ug/l	0.00
Spiked Amount			Recovery	=	100.90%	

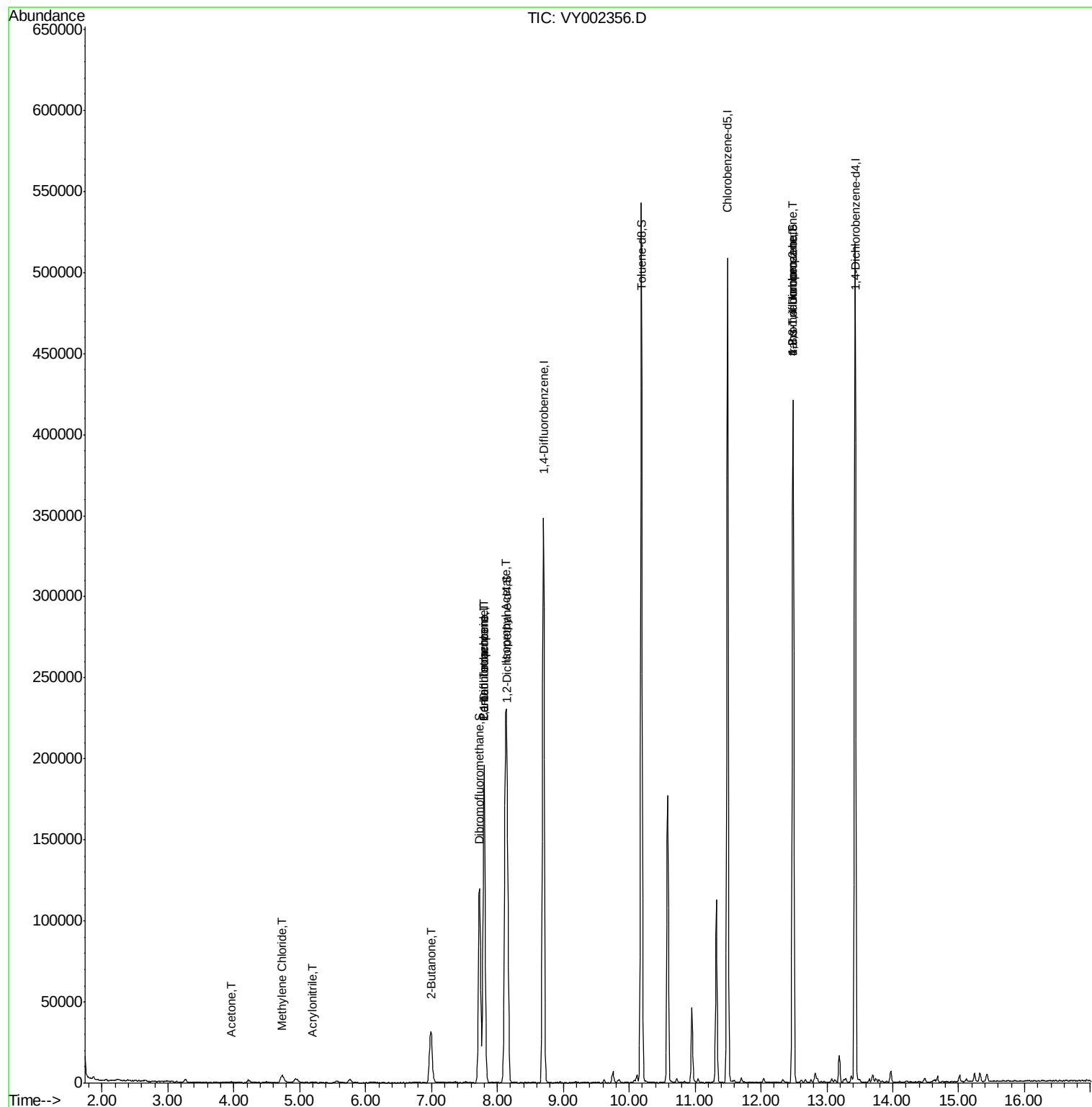
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.94	59	3385	Below Cal	#	77
15) Acrylonitrile	5.19	53	608	1.047	ug/l #	87
16) Acetone	3.96	43	1191	2.662	ug/l	91
20) Methylene Chloride	4.72	84	3580	1.628	ug/l	91
25) 2-Butanone	7.01	43	1822	2.573	ug/l #	66
36) 1,1-Dichloropropene	7.80	75	12098	3.979	ug/l #	49
38) Carbon Tetrachloride	7.80	117	15253	5.864	ug/l #	15
43) Isopropyl Acetate	8.13	43	4589	1.448	ug/l #	7
76) 1,2,3-Trichloropropane	12.49	75	61676	41.343	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	61676	80.412	ug/l #	19

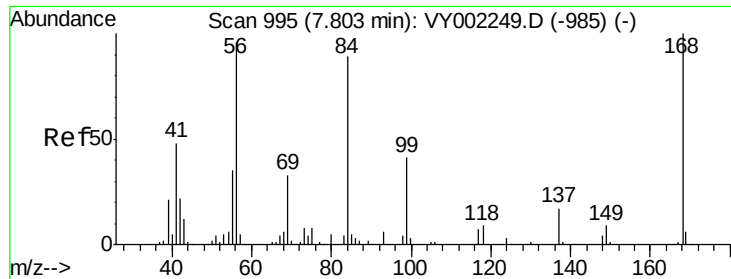
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY041620\
Data File : VY002356.D
Acq On : 16 Apr 2020 11:01
Operator : SY/MD
Sample : VY0416SBL01
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Apr 17 07:03:13 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: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY002356.D

Acq: 16 Apr 2020 11:01

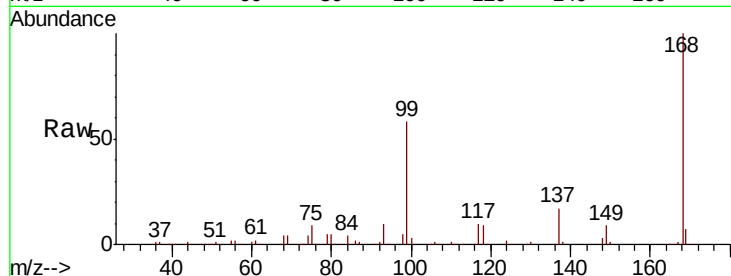
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 152772

Ion Ratio Lower Upper

168 100

99 57.7 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) (-)

7.80

60000

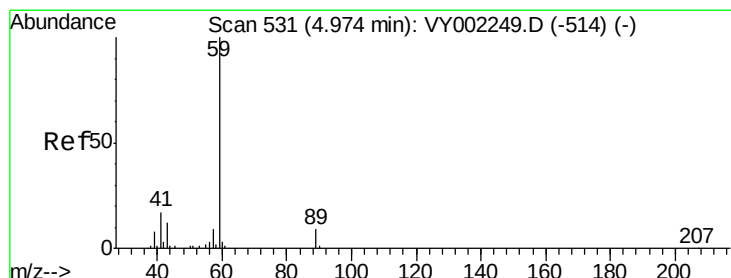
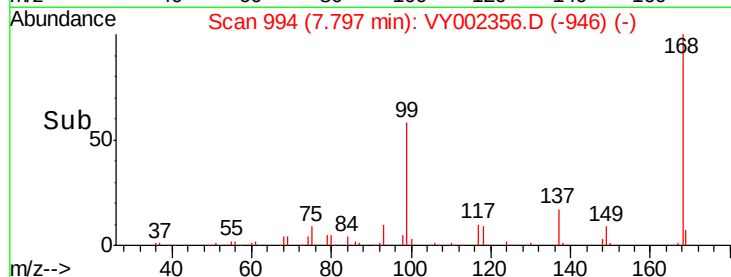
40000

20000

0

7.70 7.80 7.90

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.94 min Scan# 525

Delta R.T. -0.04 min

Lab File: VY002356.D

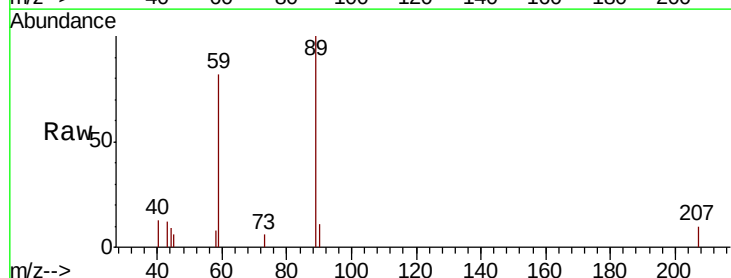
Acq: 16 Apr 2020 11:01

Tgt Ion: 59 Resp: 3385

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) (-)

4.94

1000

800

600

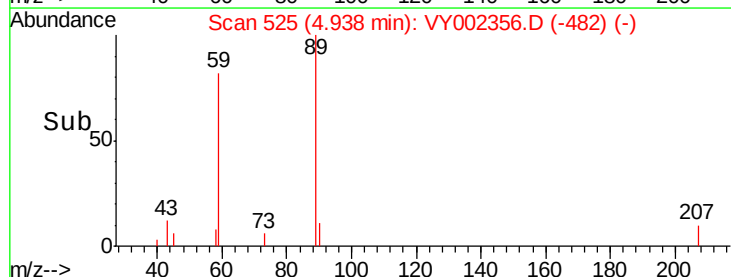
400

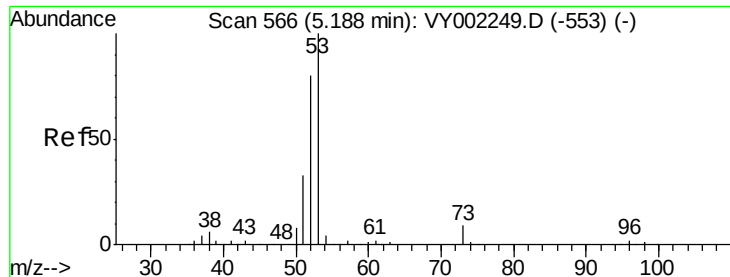
200

0

4.80 4.90 5.00

Time-->





#15

Acrylonitrile

Concen: 1.047 ug/l

RT: 5.19 min Scan# 566

Delta R.T. -0.00 min

Lab File: VY002356.D

Acq: 16 Apr 2020 11:01

Instrument :

MSVOA_Y

ClientSampleId :

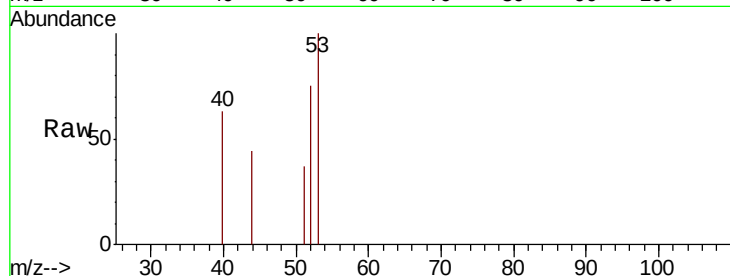
Tot Ion: 53 Resp: 608

Ion Ratio Lower Upper

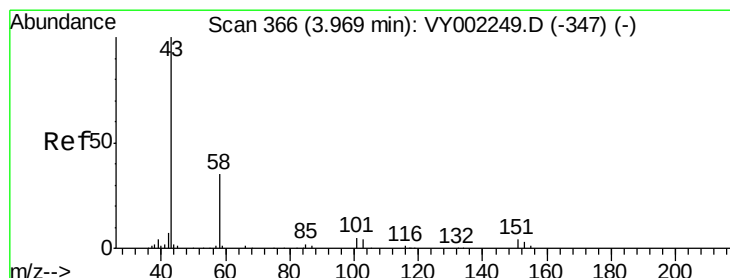
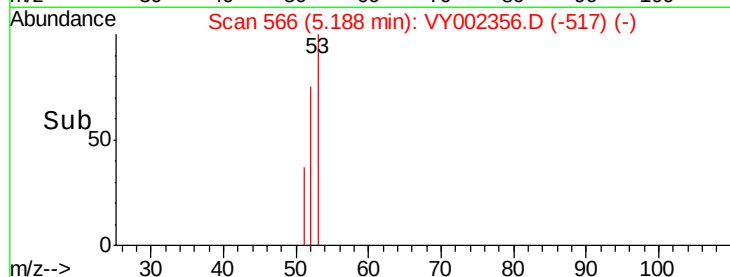
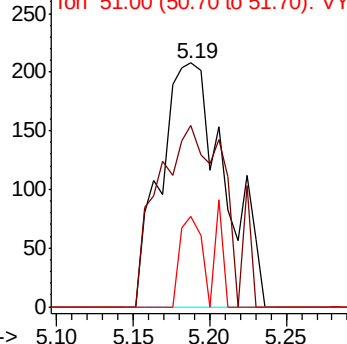
53 100

52 79.3 65.1 97.7

51 12.3 27.1 40.7#



Abundance Ion 53.00 (52.70 to 53.70): VY002249.D (-553) (-)



#16

Acetone

Concen: 2.662 ug/l

RT: 3.96 min Scan# 365

Delta R.T. -0.01 min

Lab File: VY002356.D

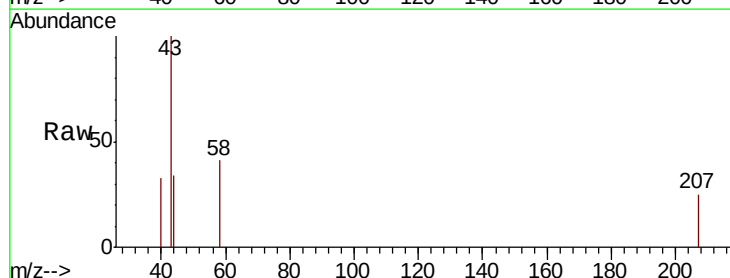
Acq: 16 Apr 2020 11:01

Tgt Ion: 43 Resp: 1191

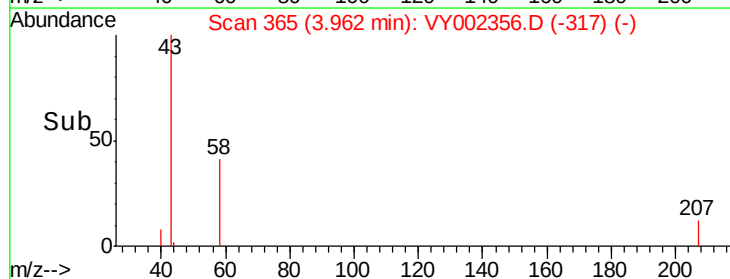
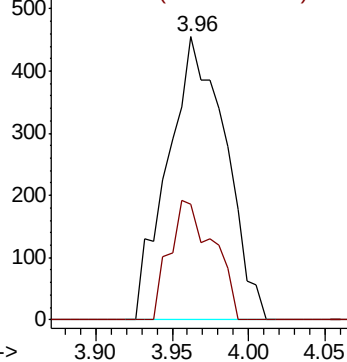
Ion Ratio Lower Upper

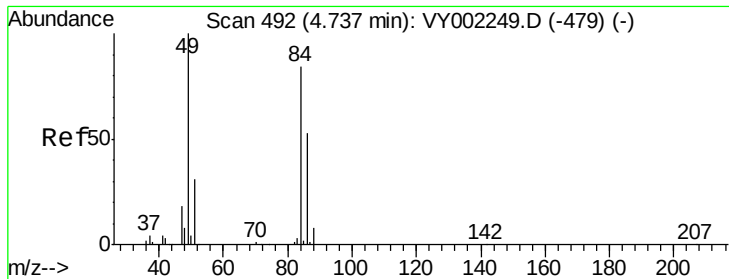
43 100

58 40.9 28.5 42.7



Abundance Ion 43.00 (42.70 to 43.70): VY002249.D (-347) (-)

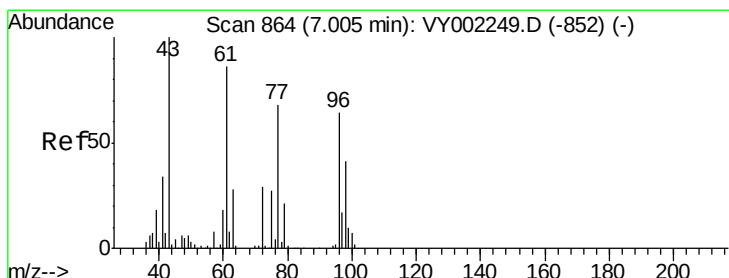
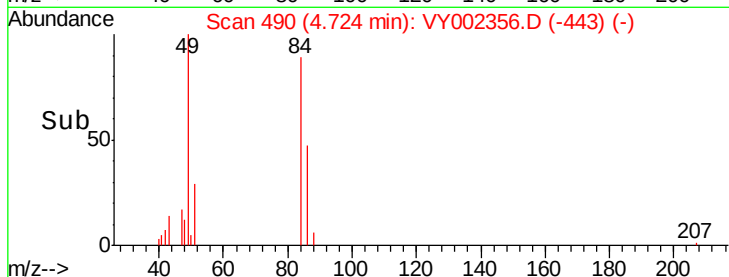
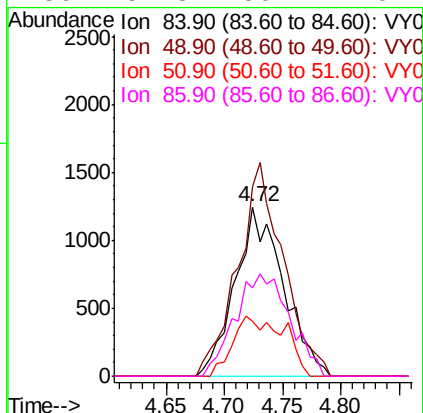
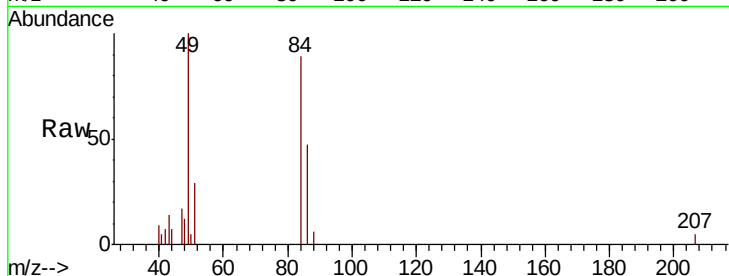




#20
Methylene Chloride
Concen: 1.628 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.01 min
Lab File: VY002356.D
Acq: 16 Apr 2020 11:01

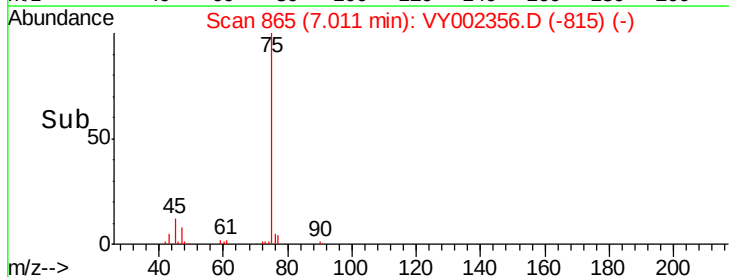
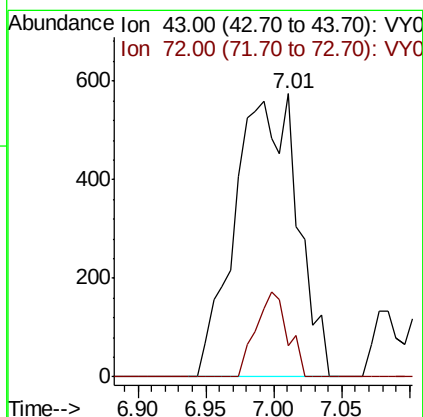
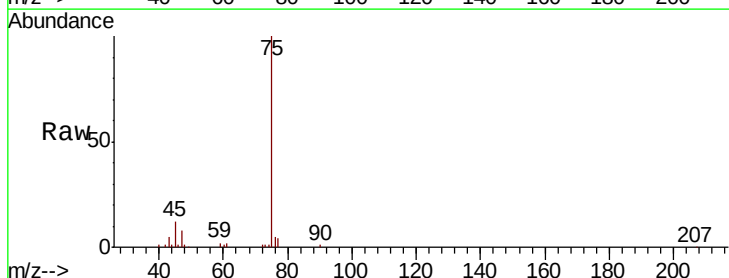
Instrument :
MSVOA_Y
ClientSampled :

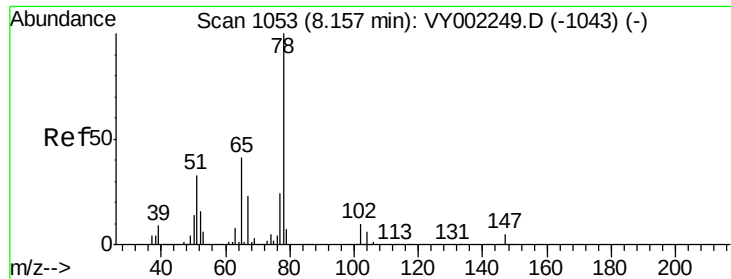
Tot Ion:	84	Resp:	3580
Ion	Ratio	Lower	Upper
84	100		
49	111.9	95.5	143.3
51	32.3	29.5	44.3
86	52.3	50.7	76.1



#25
2-Butanone
Concen: 2.573 ug/l
RT: 7.01 min Scan# 865
Delta R.T. 0.01 min
Lab File: VY002356.D
Acq: 16 Apr 2020 11:01

Tgt Ion:	43	Resp:	1822
Ion	Ratio	Lower	Upper
43	100		
72	11.0	23.2	34.8#

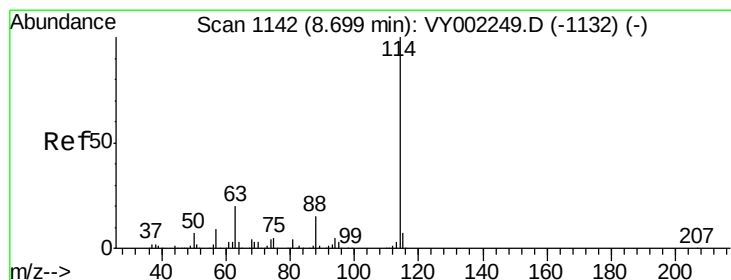
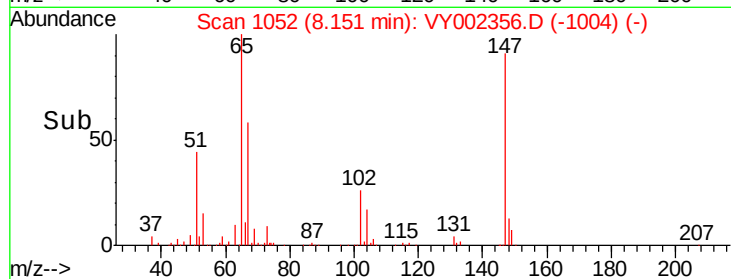
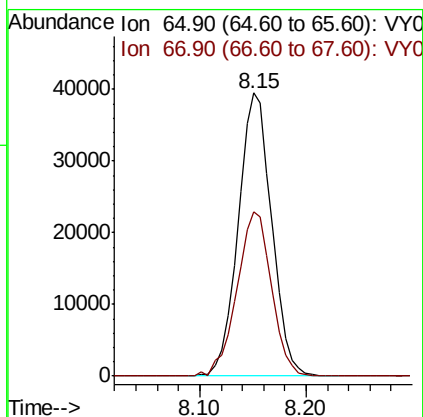
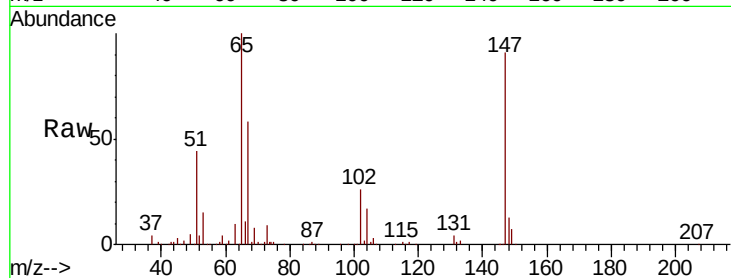




#33
 1,2-Dichloroethane-d4
 Concen: 51.189 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VY002356.D
 Acq: 16 Apr 2020 11:01

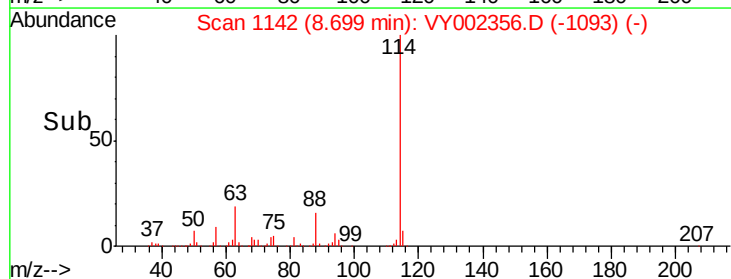
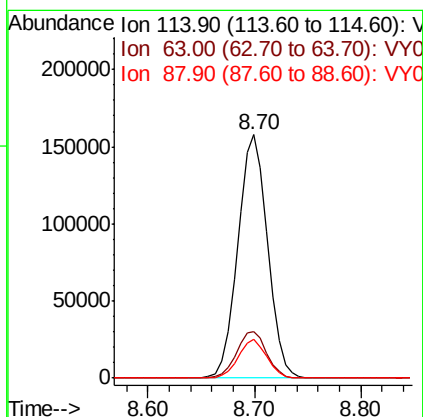
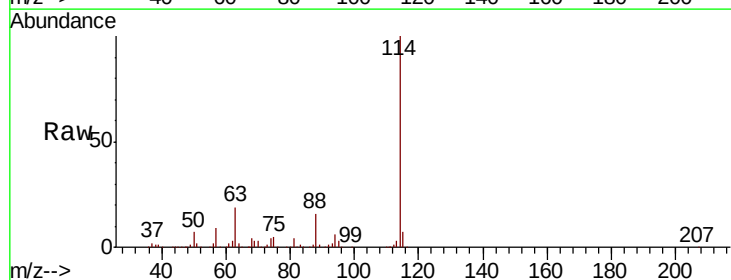
Instrument :
 MSVOA_Y
 ClientSampleId :

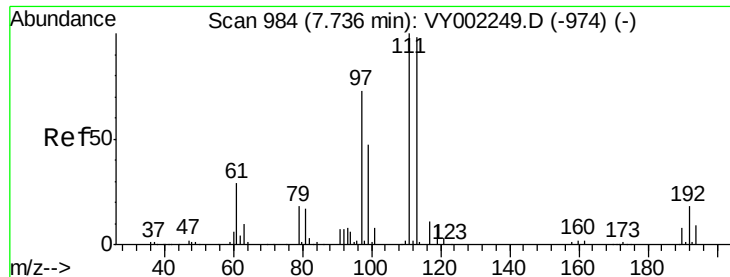
Tot Ion: 65 Resp: 86966
 Ion Ratio Lower Upper
 65 100
 67 59.9 0.0 114.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VY002356.D
 Acq: 16 Apr 2020 11:01

Tgt Ion: 114 Resp: 308718
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 39.0
 88 15.7 0.0 31.0

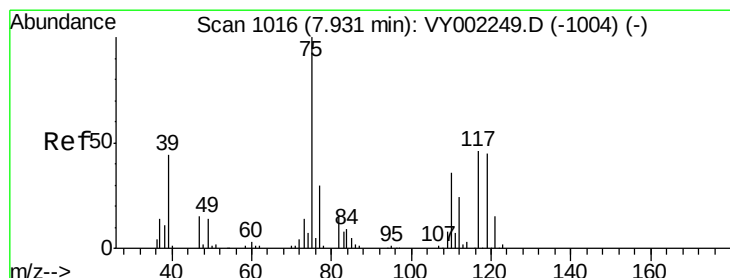
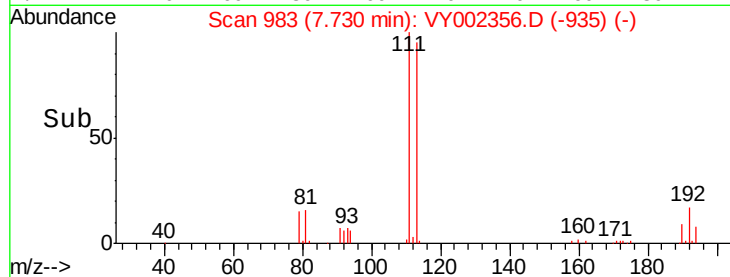
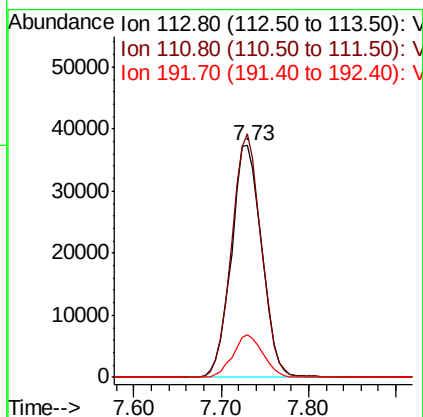
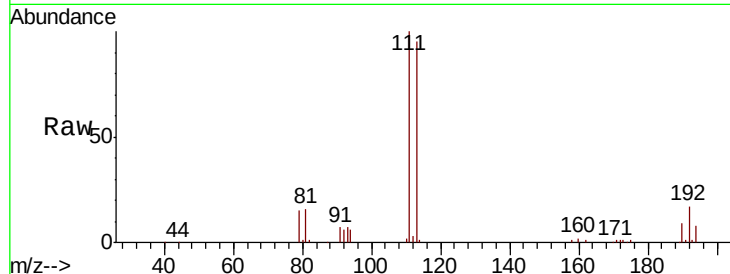




#35
 Dibromofluoromethane
 Concen: 49.089 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.01 min
 Lab File: VY002356.D
 Acq: 16 Apr 2020 11:01

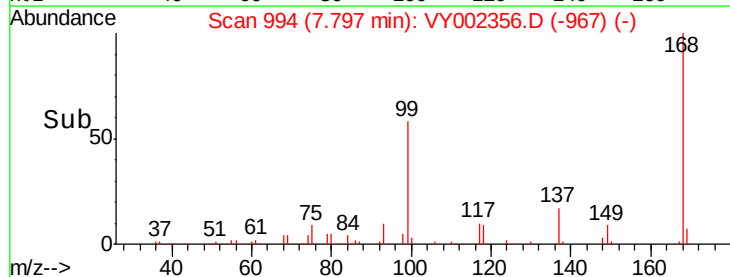
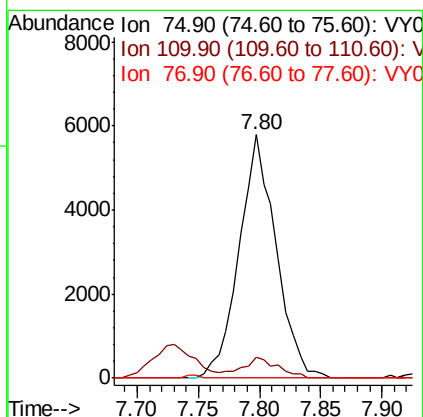
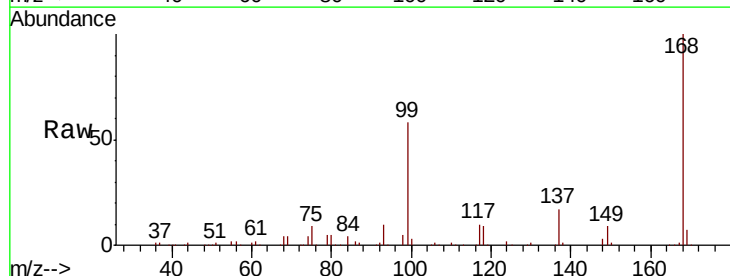
Instrument :
 MSVOA_Y
 ClientSampled :

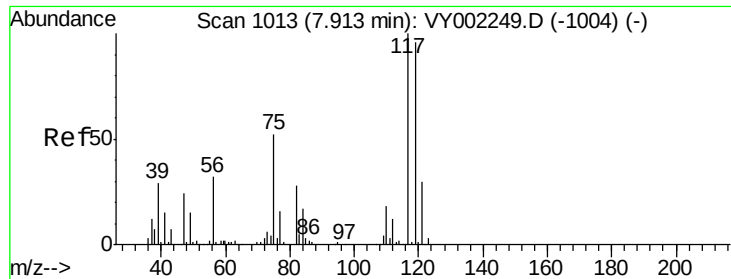
Tot Ion:113 Resp: 90175
 Ion Ratio Lower Upper
 113 100
 111 102.9 83.5 125.3
 192 18.0 14.7 22.1



#36
 1,1-Dichloropropene
 Concen: 3.979 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY002356.D
 Acq: 16 Apr 2020 11:01

Tgt Ion: 75 Resp: 12098
 Ion Ratio Lower Upper
 75 100
 110 8.3 17.8 53.3#
 77 0.0 24.4 36.6#





#38

Carbon Tetrachloride

Concen: 5.864 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.11 min

Lab File: VY002356.D

Acq: 16 Apr 2020 11:01

Instrument :

MSVOA_Y

ClientSampleId :

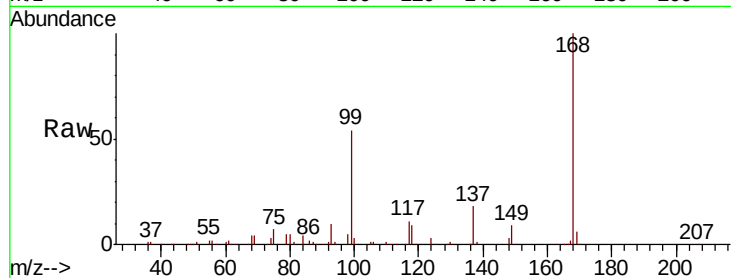
Tot Ion:117 Resp: 15253

Ion Ratio Lower Upper

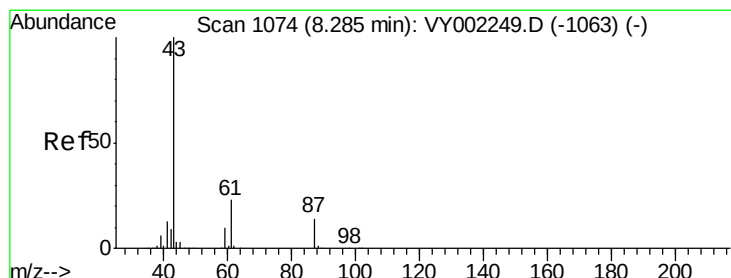
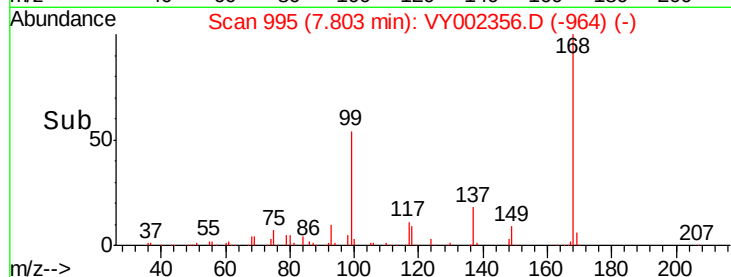
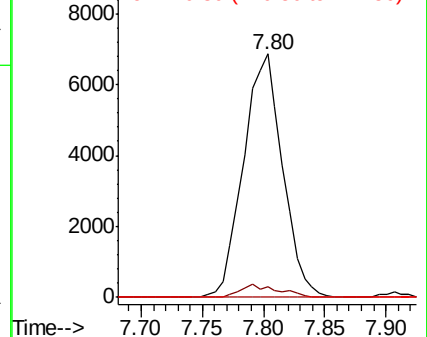
117 100

119 4.1 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



#43

Isopropyl Acetate

Concen: 1.448 ug/l

RT: 8.13 min Scan# 1048

Delta R.T. -0.16 min

Lab File: VY002356.D

Acq: 16 Apr 2020 11:01

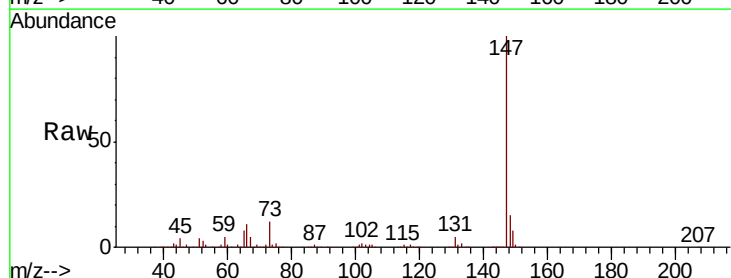
Tgt Ion: 43 Resp: 4589

Ion Ratio Lower Upper

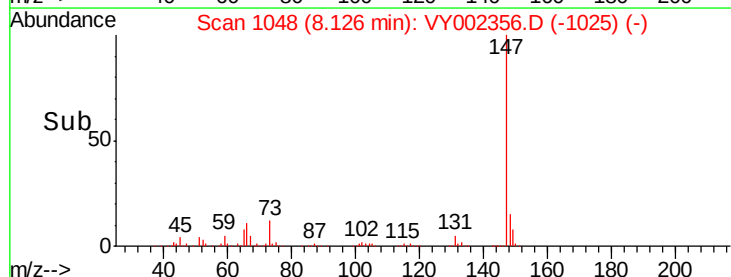
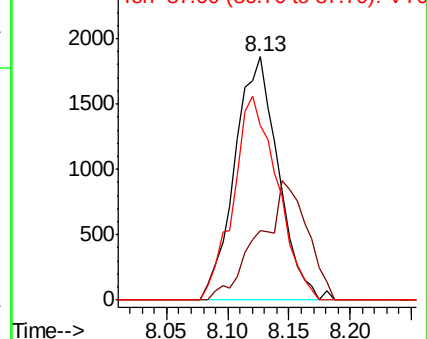
43 100

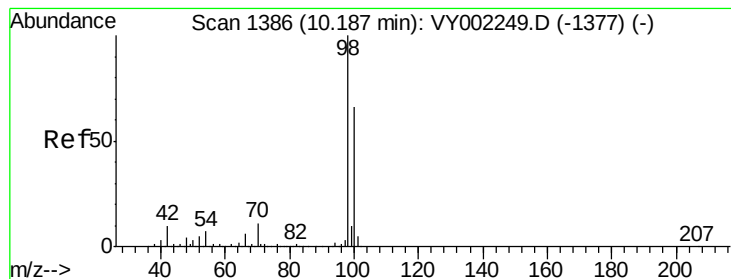
61 0.0 24.9 37.3#

87 84.7 11.7 17.5#



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 61.00 (60.70 to 61.70): VY0
Ion 87.00 (86.70 to 87.70): VY0





#50

Toluene-d8

Concen: 47.952 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.00 min

Lab File: VY002356.D

Acq: 16 Apr 2020 11:01

Instrument :

MSVOA_Y

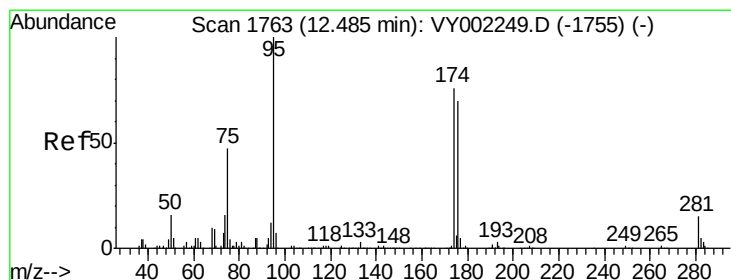
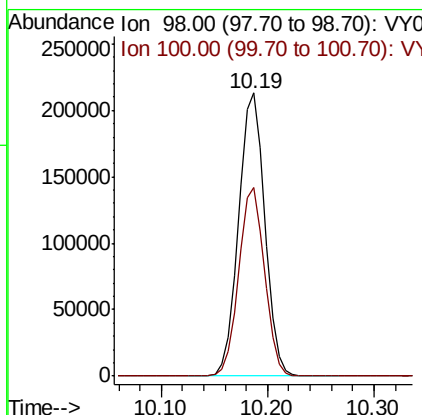
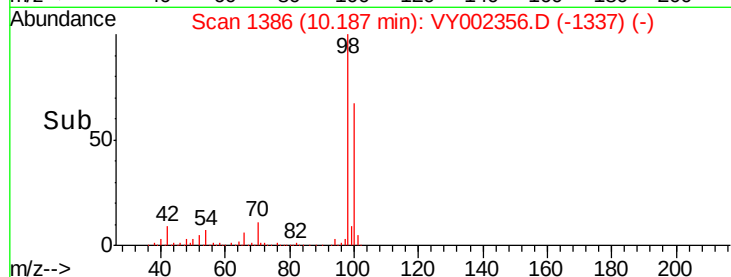
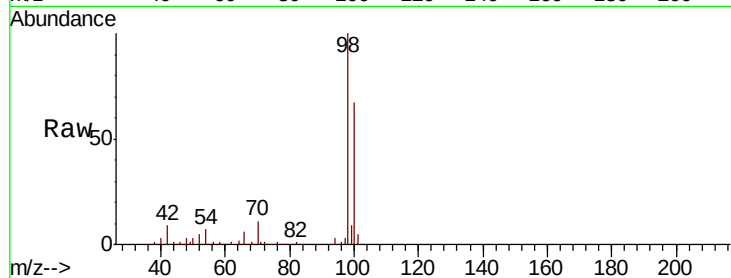
ClientSampleId :

Tot Ion: 98 Resp: 368698

Ion Ratio Lower Upper

98 100

100 65.8 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 50.454 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VY002356.D

Acq: 16 Apr 2020 11:01

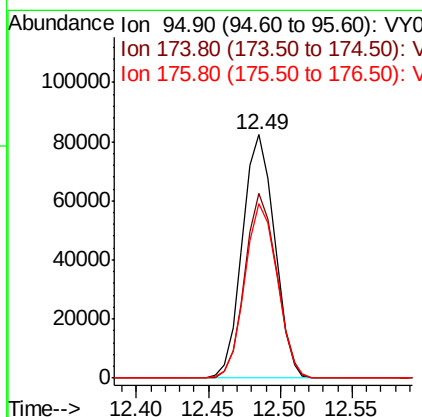
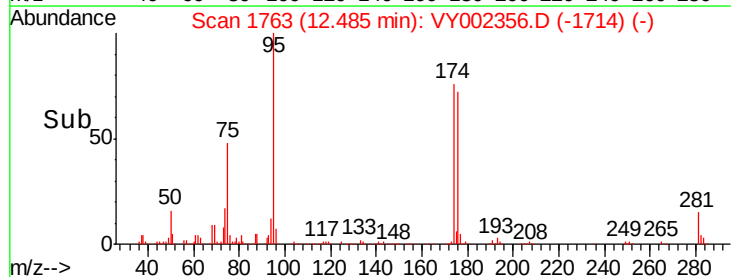
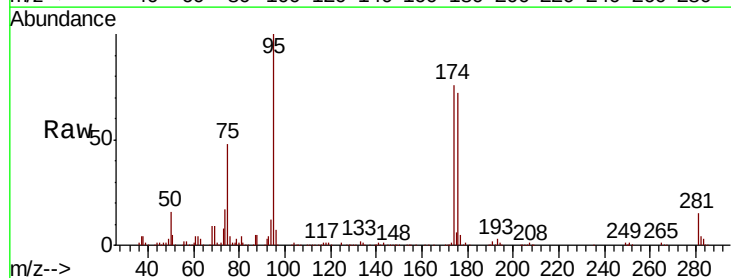
Tgt Ion: 95 Resp: 127983

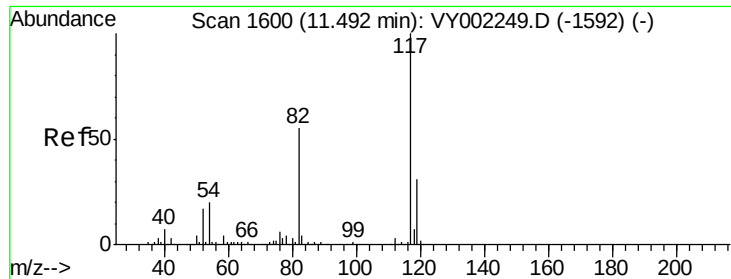
Ion Ratio Lower Upper

95 100

174 74.7 0.0 150.6

176 72.0 0.0 141.4

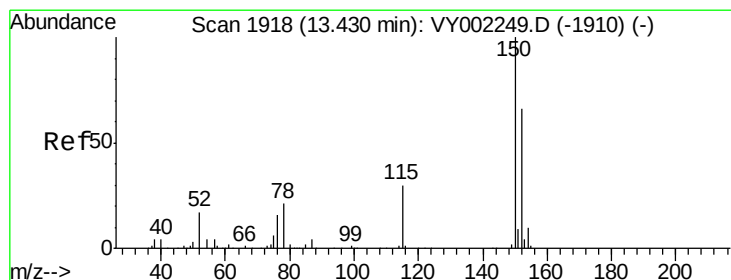
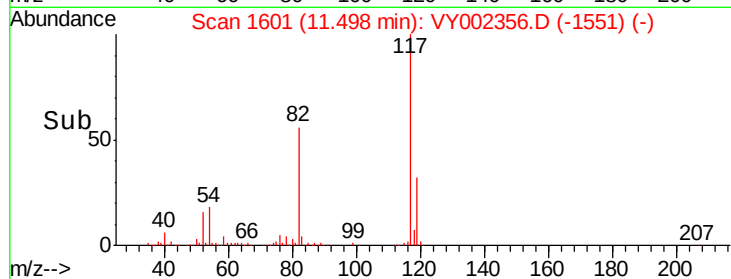
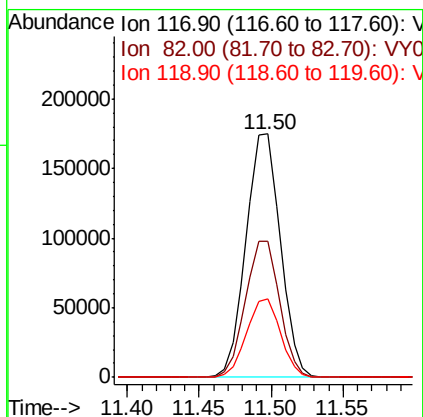
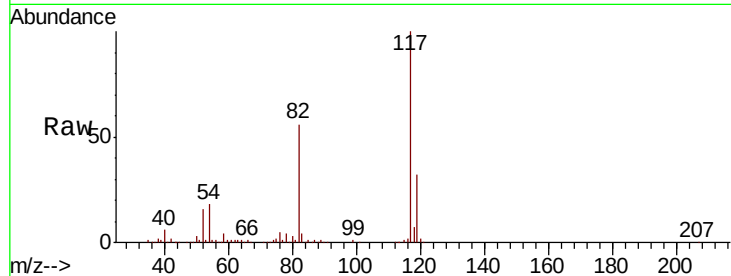




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VY002356.D
Acq: 16 Apr 2020 11:01

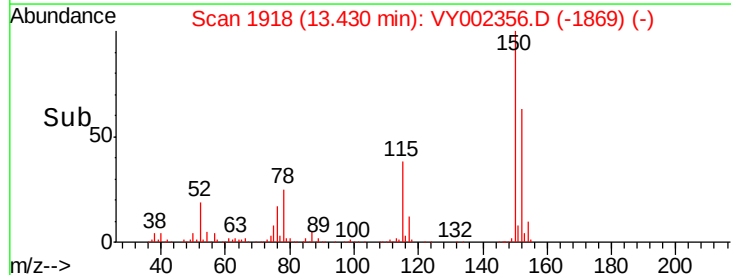
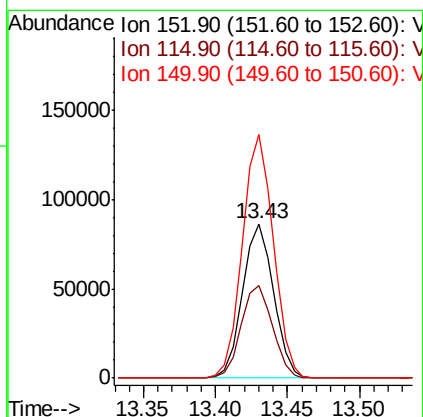
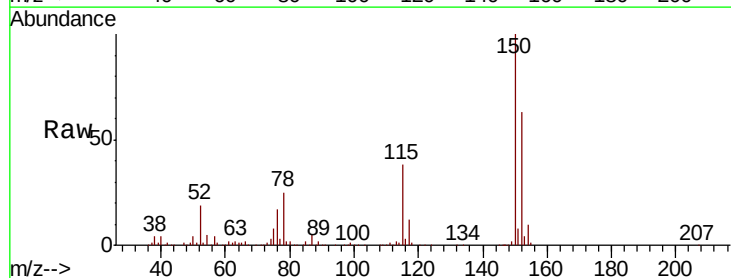
Instrument :
MSVOA_Y
ClientSampleId :

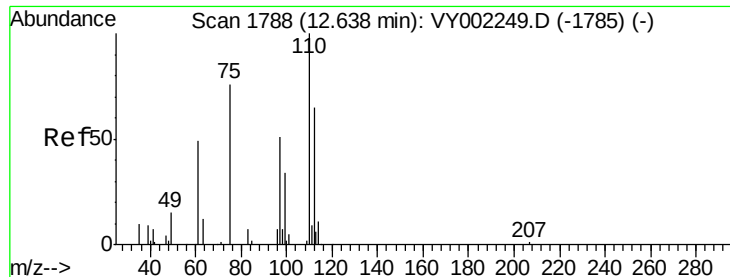
Tot Ion:117 Resp: 289418
Ion Ratio Lower Upper
117 100
82 55.7 44.2 66.4
119 32.2 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VY002356.D
Acq: 16 Apr 2020 11:01

Tgt Ion:152 Resp: 128468
Ion Ratio Lower Upper
152 100
115 61.0 30.7 92.1
150 157.9 0.0 350.6

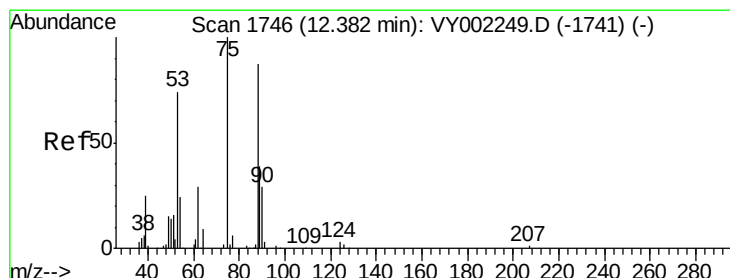
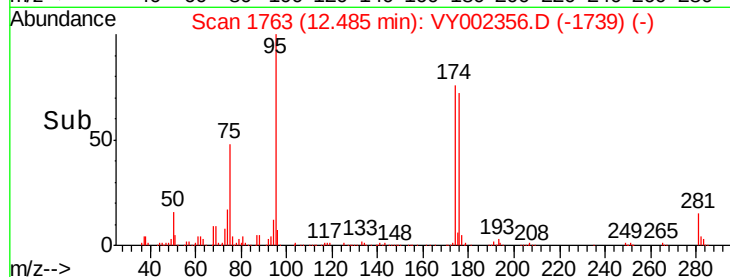
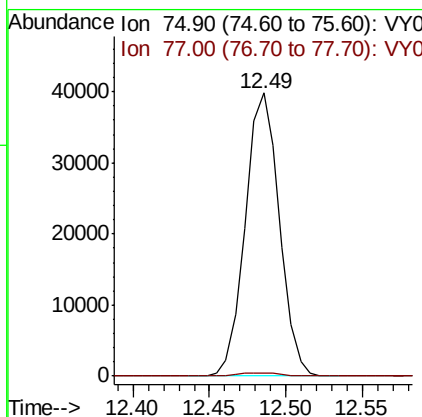
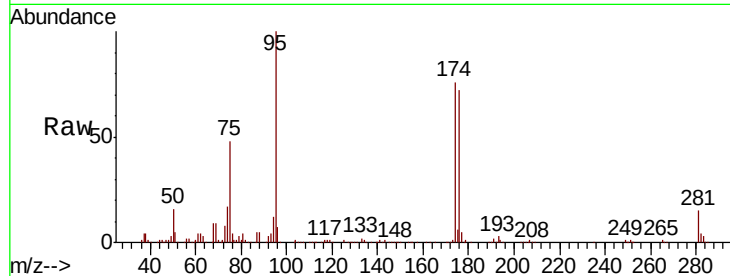




#76
 1,2,3-Trichloropropane
 Concen: 41.343 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. -0.15 min
 Lab File: VY002356.D
 Acq: 16 Apr 2020 11:01

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 75 Resp: 61676
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 80.412 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. 0.10 min
 Lab File: VY002356.D
 Acq: 16 Apr 2020 11:01

Tgt Ion: 75 Resp: 61676
 Ion Ratio Lower Upper
 75 100
 53 0.0 59.8 89.8#
 89 0.3 37.0 55.6#

