

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041420\
 Data File : VY002303.D
 Acq On : 14 Apr 2020 13:12
 Operator : SY/MD
 Sample : L2196-05
 Misc : 5.08G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 15 05:34:14 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	138907	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	279500	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	262941	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	117918	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	81113	52.51	ug/l	0.00
Spiked Amount			Recovery	=	105.02%	
35) Dibromofluoromethane	7.73	113	82545	49.63	ug/l	0.00
Spiked Amount			Recovery	=	99.26%	
50) Toluene-d8	10.18	98	338074	48.57	ug/l	0.00
Spiked Amount			Recovery	=	97.14%	
62) 4-Bromofluorobenzene	12.49	95	120077	52.29	ug/l	0.00
Spiked Amount			Recovery	=	104.58%	

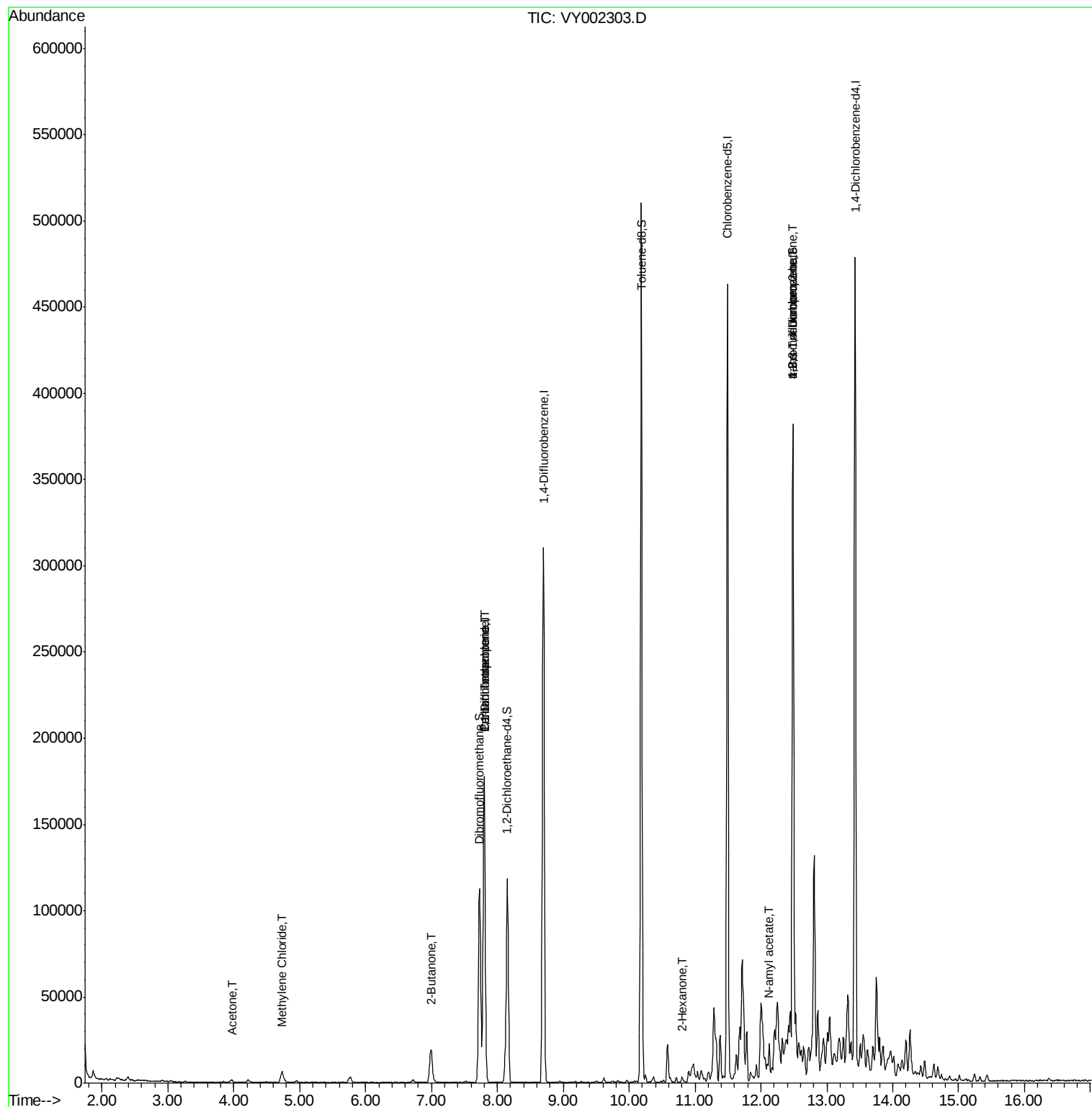
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.96	59	932	Below Cal	#	77
16) Acetone	3.97	43	2555	6.280	ug/l	94
20) Methylene Chloride	4.74	84	4934	2.467	ug/l #	82
25) 2-Butanone	6.99	43	1559	2.421	ug/l	92
36) 1,1-Dichloropropene	7.80	75	11064	4.019	ug/l #	49
38) Carbon Tetrachloride	7.80	117	13915	5.909	ug/l #	15
59) 2-Hexanone	10.80	43	1277	1.231	ug/l #	21
74) N-amyl acetate	12.13	43	4591	1.746	ug/l #	48
76) 1,2,3-Trichloropropane	12.49	75	56981	41.614	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	56981	80.938	ug/l #	19

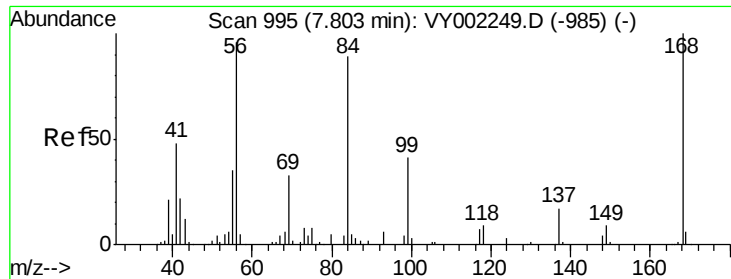
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY041420\
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Quant Time: Apr 15 05:34:14 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# 995

Delta R.T. 0.00 min

Lab File: VY002303.D

Acq: 14 Apr 2020 13:12

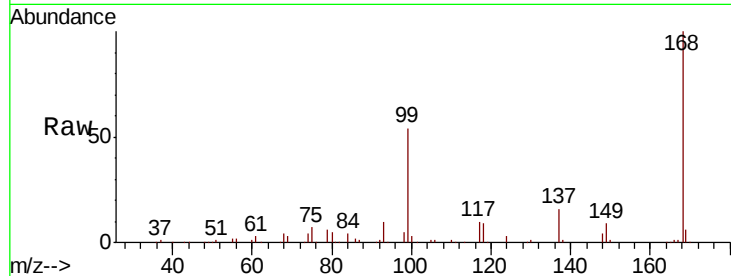
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 138907

Ion Ratio Lower Upper

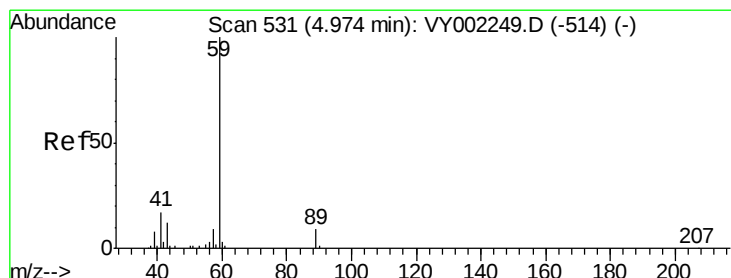
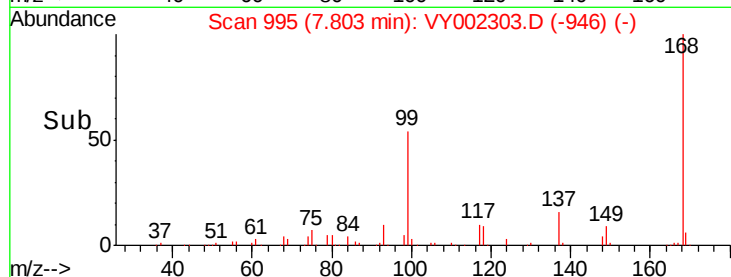
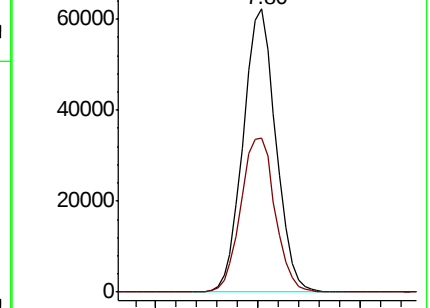
168 100

99 54.2 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) (-)



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.96 min Scan# 528

Delta R.T. -0.02 min

Lab File: VY002303.D

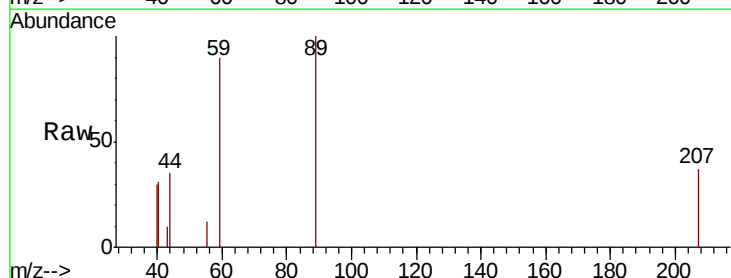
Acq: 14 Apr 2020 13:12

Tgt Ion: 59 Resp: 932

Ion Ratio Lower Upper

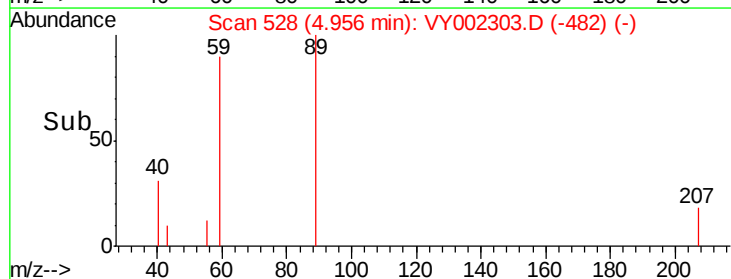
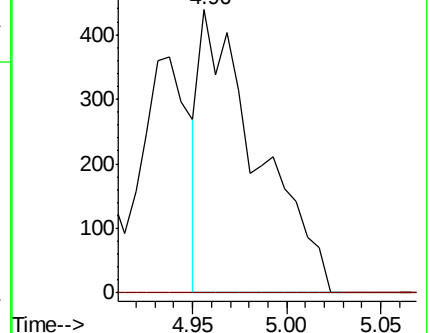
59 100

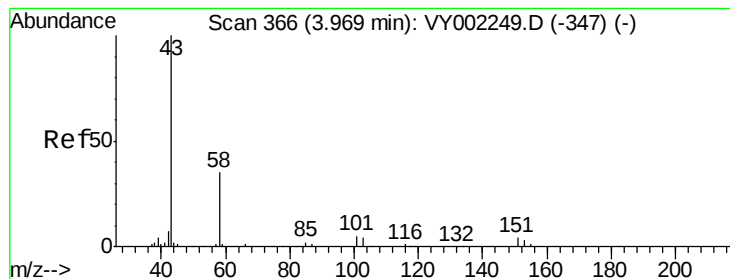
57 0.0 6.6 9.8#



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

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





#16

Acetone

Concen: 6.280 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.00 min

Lab File: VY002303.D

Acq: 14 Apr 2020 13:12

Instrument :

MSVOA_Y

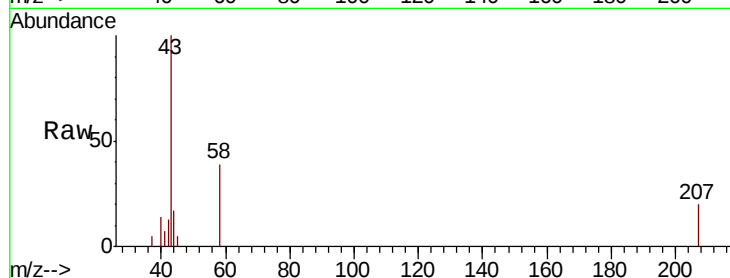
ClientSampled :

Tot Ion: 43 Resp: 2555

Ion Ratio Lower Upper

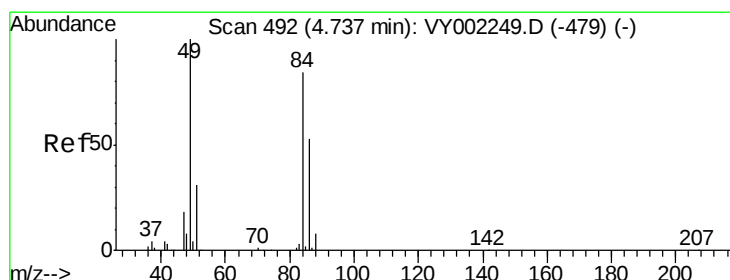
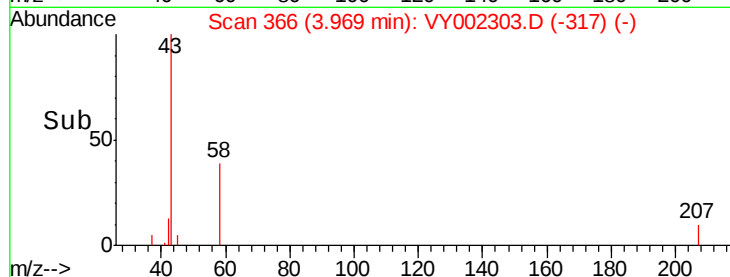
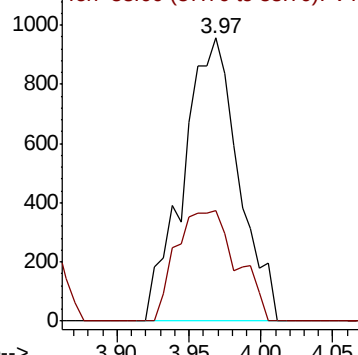
43 100

58 39.1 28.5 42.7



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#20

Methylene Chloride

Concen: 2.467 ug/l

RT: 4.74 min Scan# 492

Delta R.T. 0.00 min

Lab File: VY002303.D

Acq: 14 Apr 2020 13:12

Tgt Ion: 84 Resp: 4934

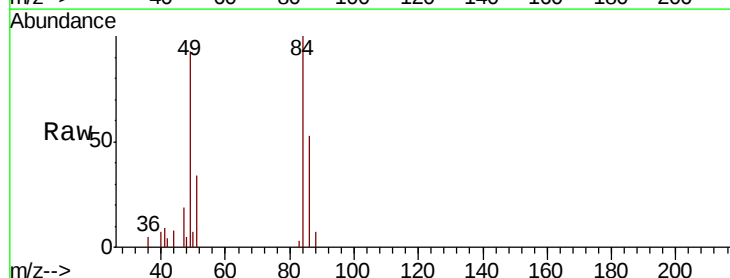
Ion Ratio Lower Upper

84 100

49 93.0 95.5 143.3#

51 33.6 29.5 44.3

86 52.6 50.7 76.1

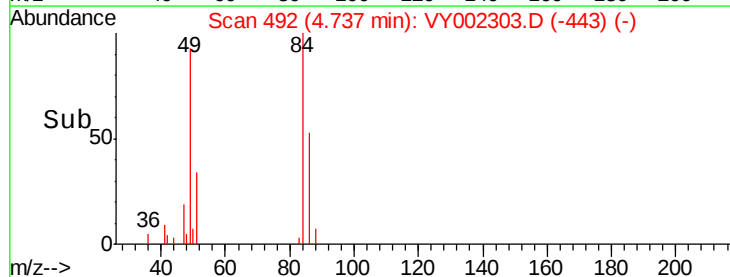
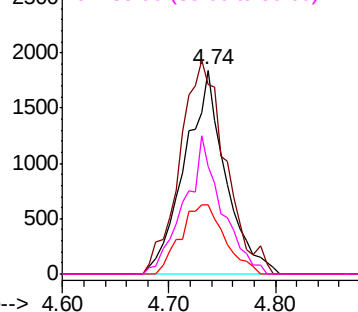


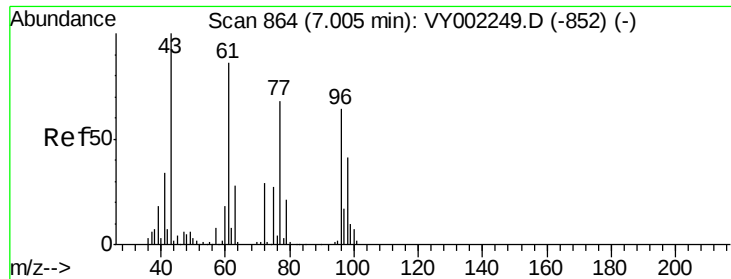
Abundance Ion 83.90 (83.60 to 84.60): VY0

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





#25

2-Butanone

Concen: 2.421 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY002303.D

Acq: 14 Apr 2020 13:12

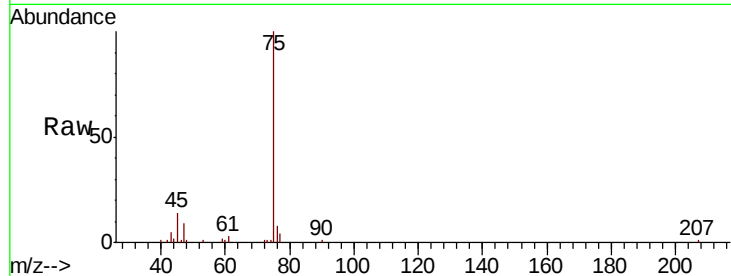
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 1559

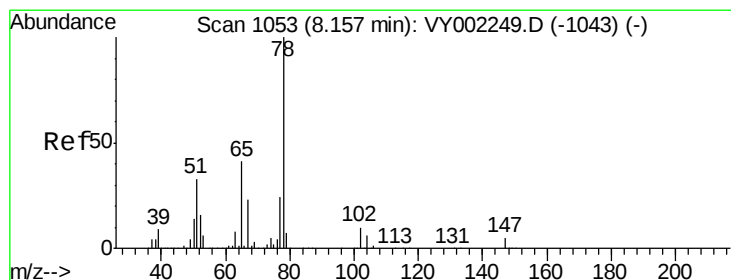
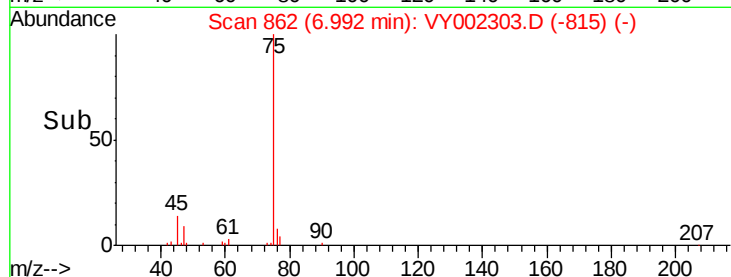
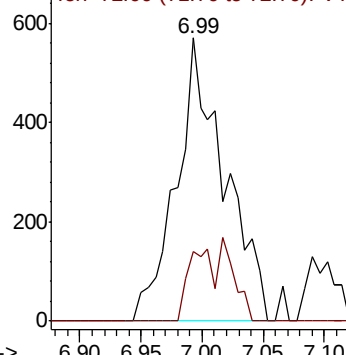
Ion Ratio Lower Upper

43 100

72 24.6 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 72.00 (71.70 to 72.70): VY0



#33

1,2-Dichloroethane-d4

Concen: 52.509 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY002303.D

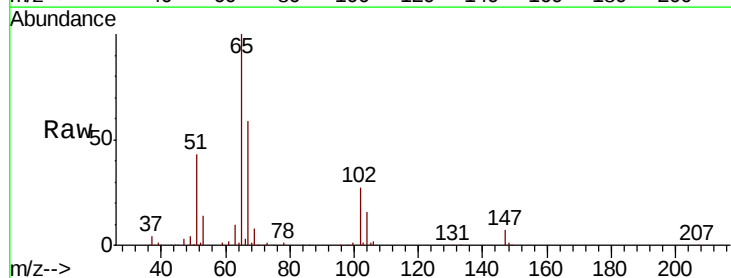
Acq: 14 Apr 2020 13:12

Tgt Ion: 65 Resp: 81113

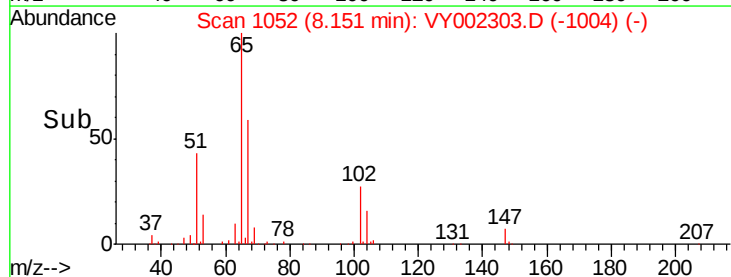
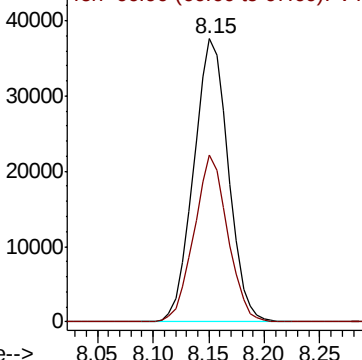
Ion Ratio Lower Upper

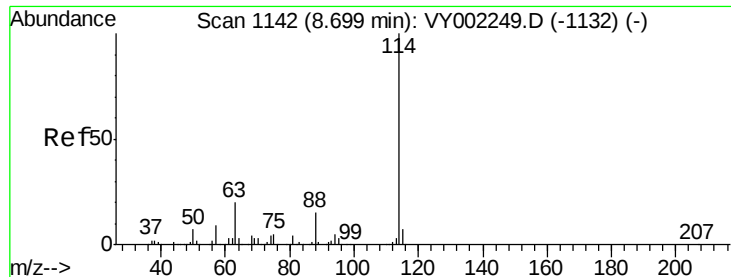
65 100

67 57.5 0.0 114.0



Abundance Ion 64.90 (64.60 to 65.60): VY0
Ion 66.90 (66.60 to 67.60): VY0

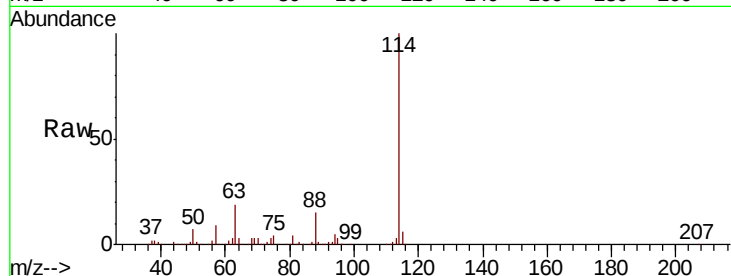




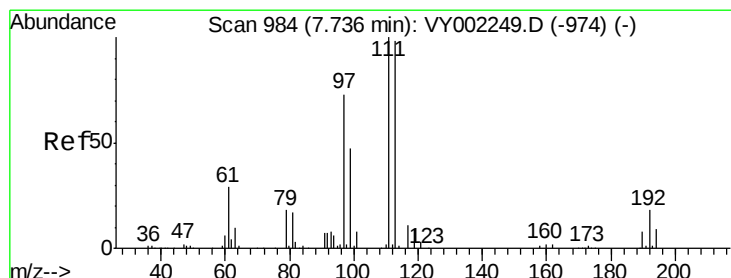
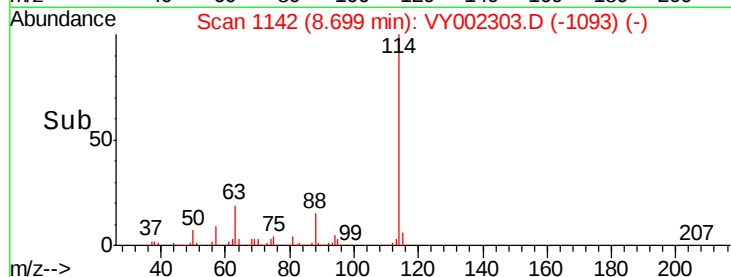
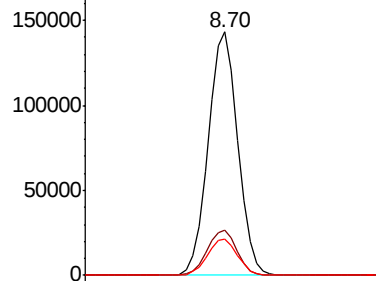
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.00 min
 Lab File: VY002303.D
 Acq: 14 Apr 2020 13:12

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	39.0
88	14.9	0.0	31.0

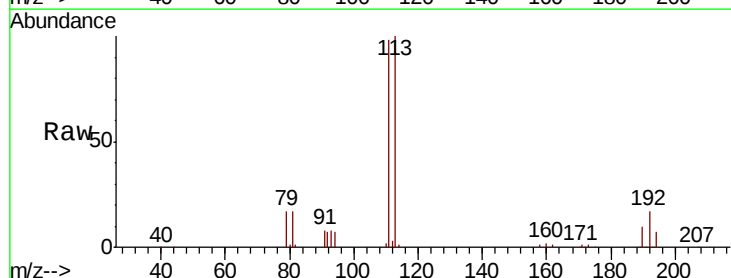


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

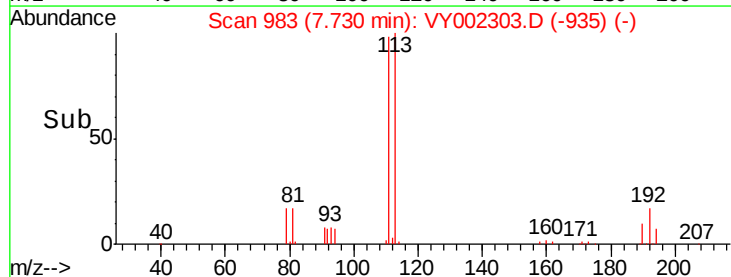
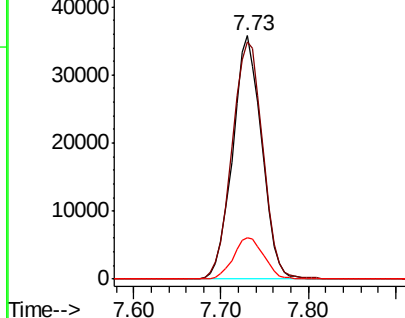


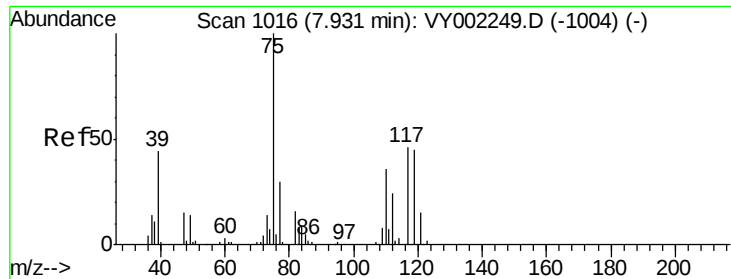
#35
 Dibromofluoromethane
 Concen: 49.633 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.01 min
 Lab File: VY002303.D
 Acq: 14 Apr 2020 13:12

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.3	83.5	125.3
192	17.7	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

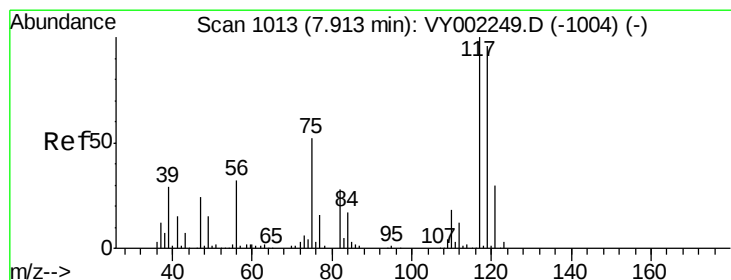
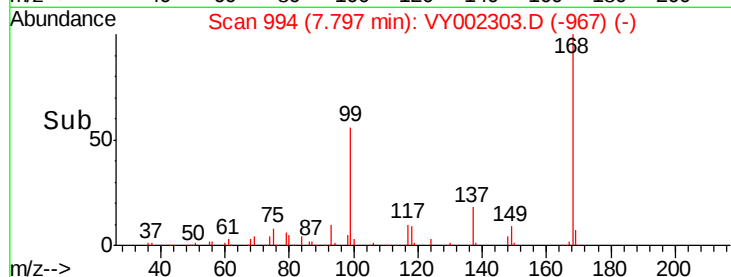
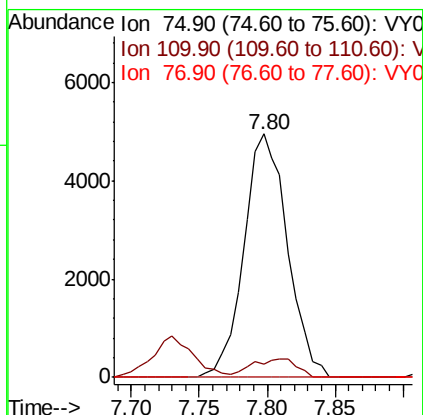
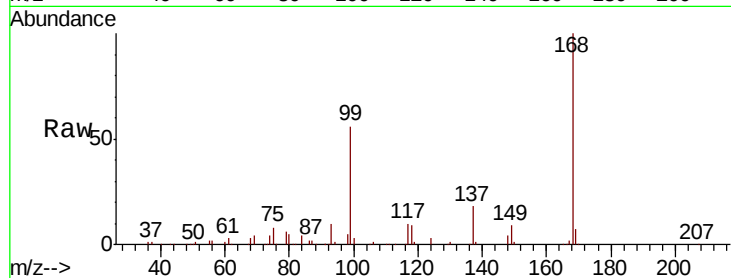




#36
 1,1-Dichloropropene
 Concen: 4.019 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY002303.D
 Acq: 14 Apr 2020 13:12

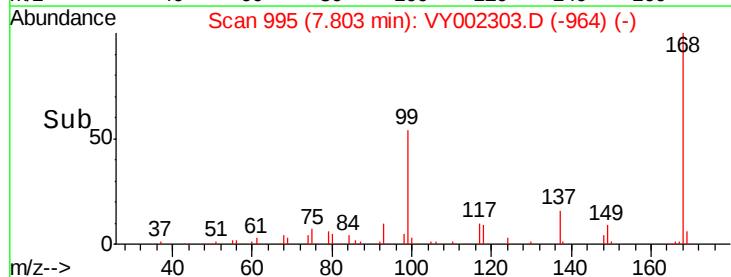
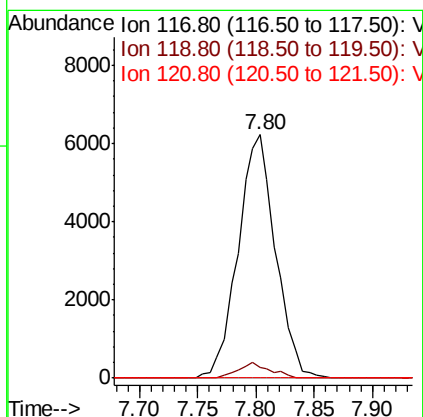
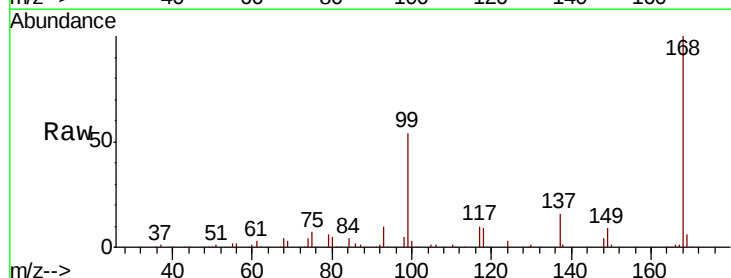
Instrument :
 MSVOA_Y
 ClientSampleId :

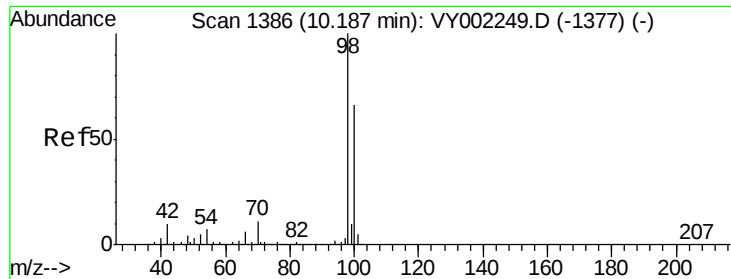
Tot Ion	Ratio	Lower	Upper
75	100		
110	7.9	17.8	53.3#
77	0.0	24.4	36.6#



#38
 Carbon Tetrachloride
 Concen: 5.909 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.11 min
 Lab File: VY002303.D
 Acq: 14 Apr 2020 13:12

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.5	77.1	115.7#
121	0.0	23.9	35.9#





#50

Toluene-d8

Concen: 48.566 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY002303.D

Acq: 14 Apr 2020 13:12

Instrument :

MSVOA_Y

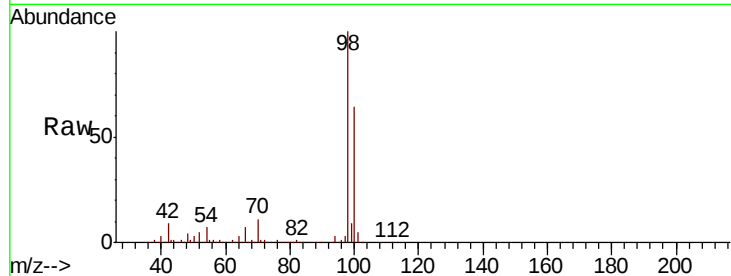
ClientSampled :

Tot Ion: 98 Resp: 338074

Ion Ratio Lower Upper

98 100

100 64.8 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VY002249.D (-1377) (-)

Ion 100.00 (99.70 to 100.70): VY002249.D (-1377) (-)

10.18

200000

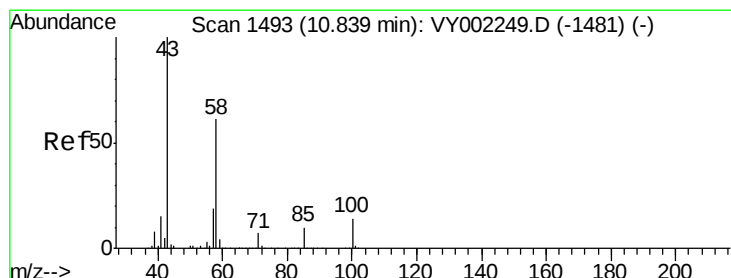
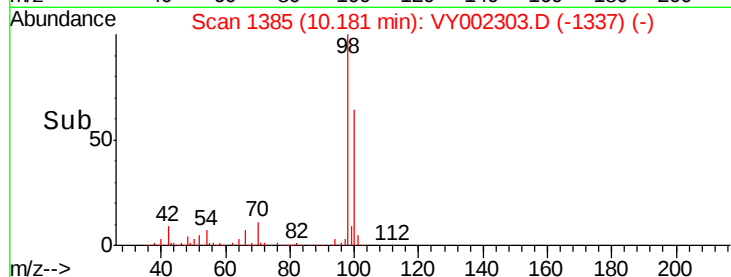
150000

100000

50000

0

Time-->



#59

2-Hexanone

Concen: 1.231 ug/l

RT: 10.80 min Scan# 1487

Delta R.T. -0.04 min

Lab File: VY002303.D

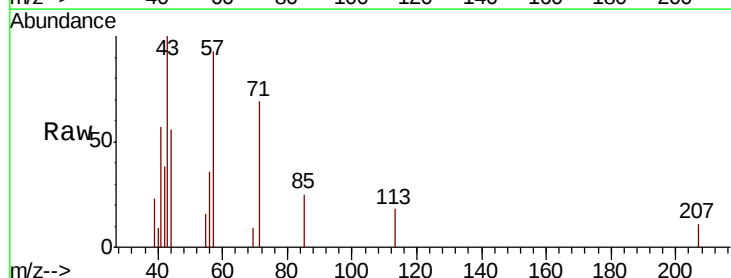
Acq: 14 Apr 2020 13:12

Tgt Ion: 43 Resp: 1277

Ion Ratio Lower Upper

43 100

58 0.0 29.8 89.3#



Abundance Ion 43.00 (42.70 to 43.70): VY002249.D (-1481) (-)

Ion 58.00 (57.70 to 58.70): VY002249.D (-1481) (-)

10.80

800

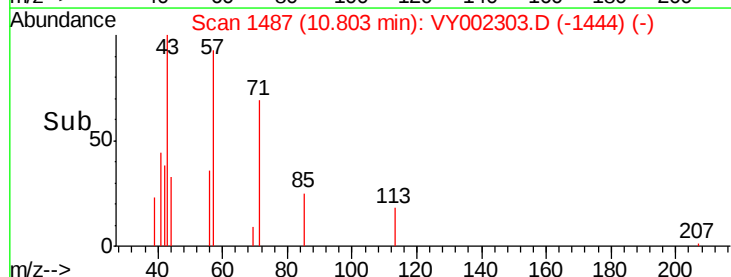
600

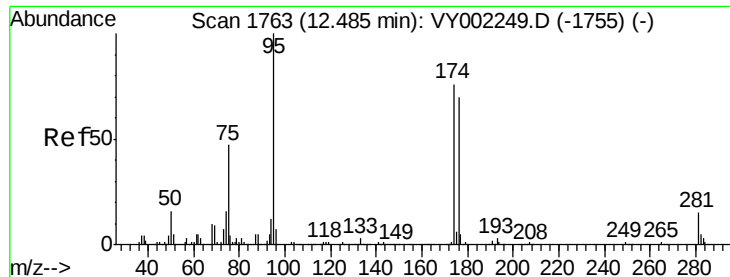
400

200

0

Time-->

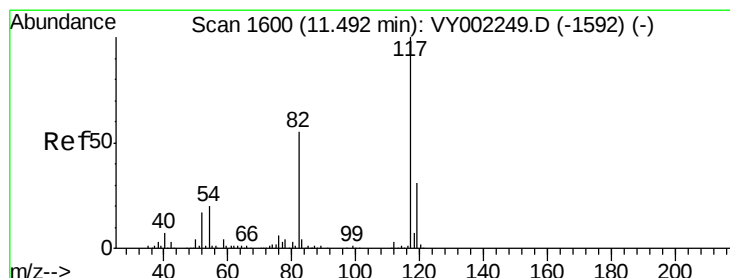
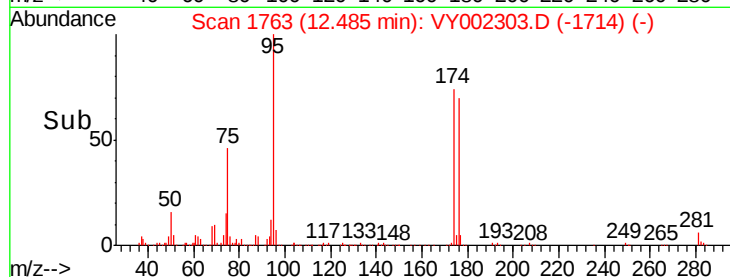
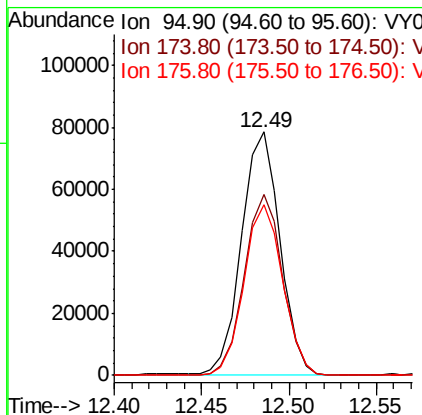
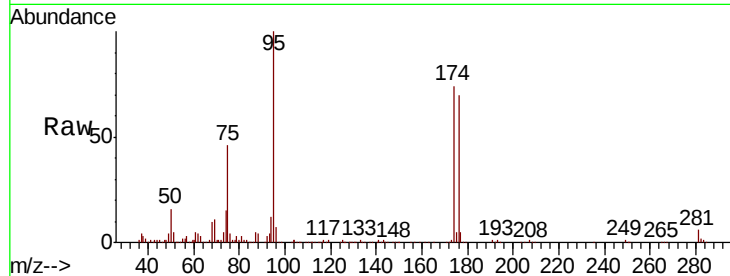




#62
4-Bromofluorobenzene
Concen: 52.285 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. 0.00 min
Lab File: VY002303.D
Acq: 14 Apr 2020 13:12

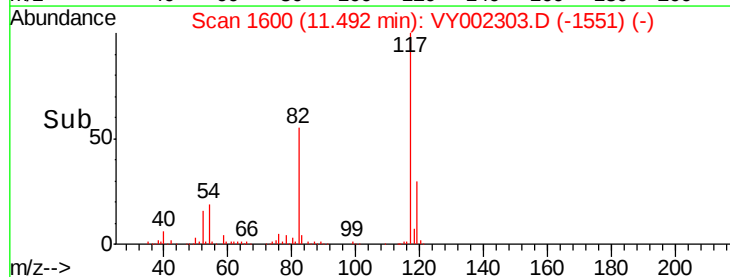
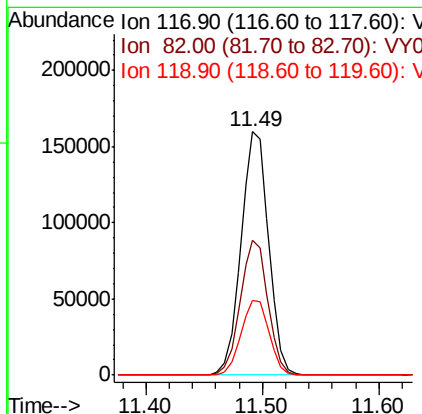
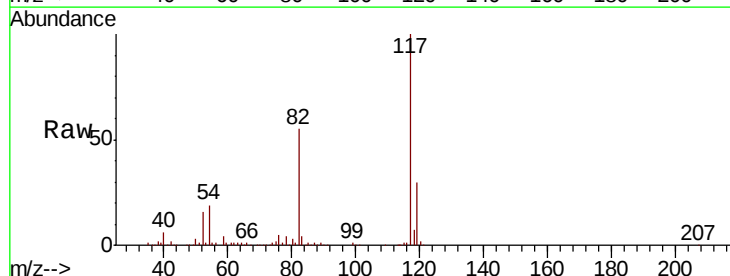
Instrument :
MSVOA_Y
ClientSampled :

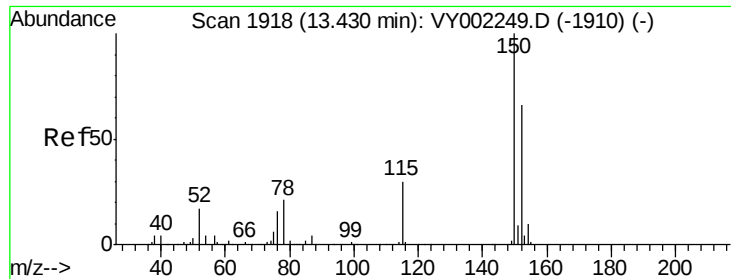
Tot Ion	95	Resp	120077
Ion Ratio	Lower	Upper	
95	100		
174	73.9	0.0	150.6
176	70.6	0.0	141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002303.D
Acq: 14 Apr 2020 13:12

Tgt Ion	117	Resp	262941
Ion Ratio	Lower	Upper	
117	100		
82	55.4	44.2	66.4
119	30.4	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: VY002303.D

Acq: 14 Apr 2020 13:12

Instrument :

MSVOA_Y

ClientSampleId :

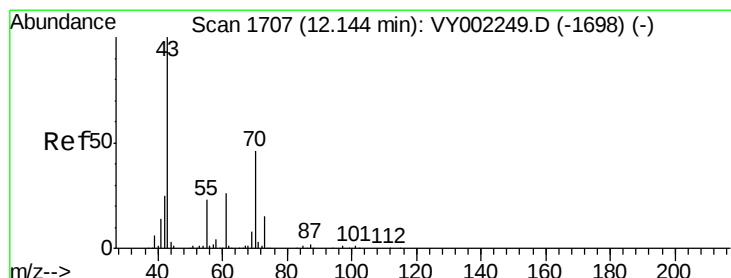
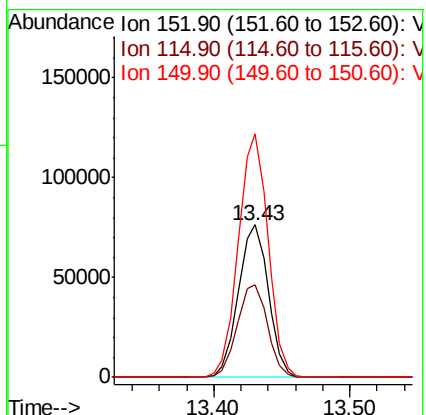
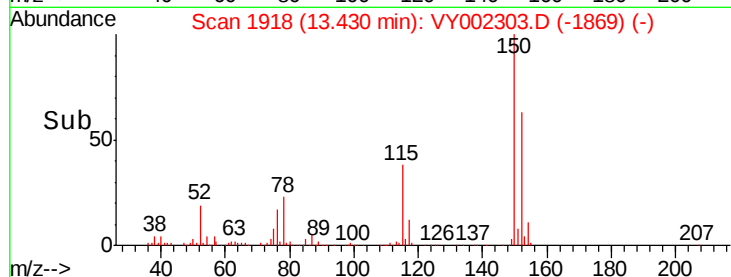
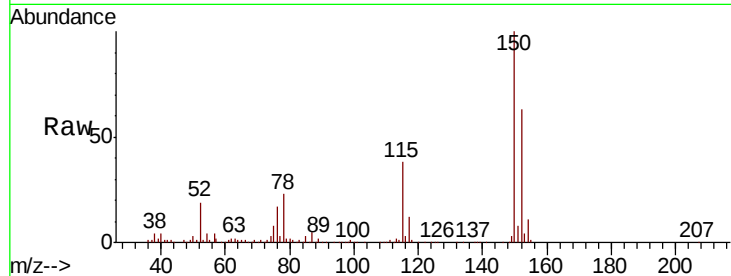
Tot Ion:152 Resp: 117918

Ion Ratio Lower Upper

152 100

115 61.2 30.7 92.1

150 157.5 0.0 350.6



#74

N-ethyl acetate

Concen: 1.746 ug/l

RT: 12.13 min Scan# 1704

Delta R.T. -0.02 min

Lab File: VY002303.D

Acq: 14 Apr 2020 13:12

Tgt Ion: 43 Resp: 4591

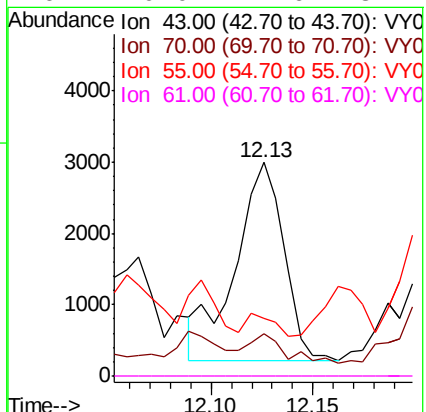
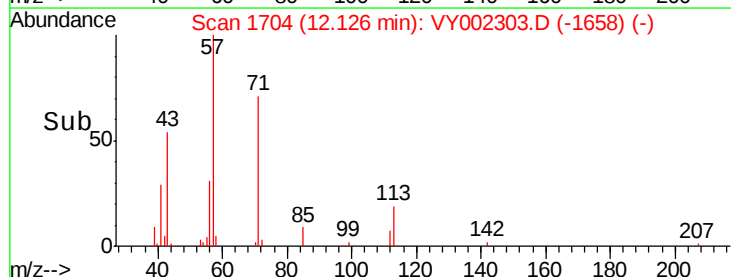
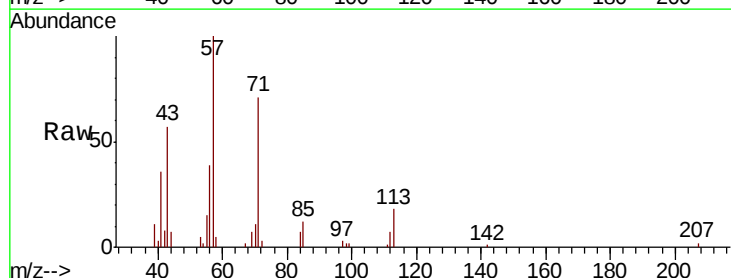
Ion Ratio Lower Upper

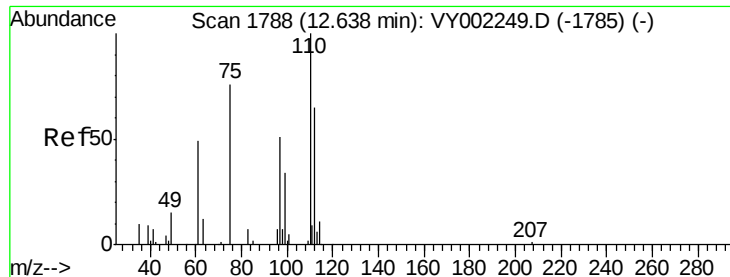
43 100

70 11.5 37.5 56.3#

55 0.0 19.0 28.6#

61 0.0 21.6 32.4#





#76

1,2,3-Trichloropropane

Concen: 41.614 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.15 min

Lab File: VY002303.D

Acq: 14 Apr 2020 13:12

Instrument :

MSVOA_Y

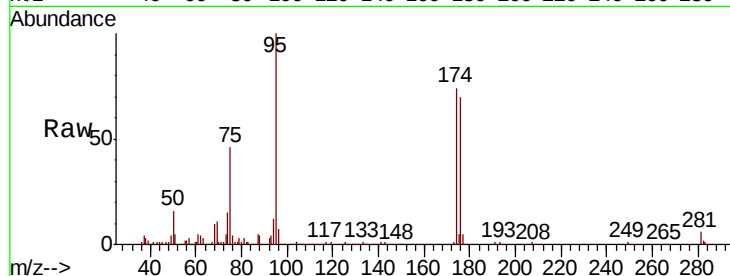
ClientSampleId :

Tot Ion: 75 Resp: 56981

Ion Ratio Lower Upper

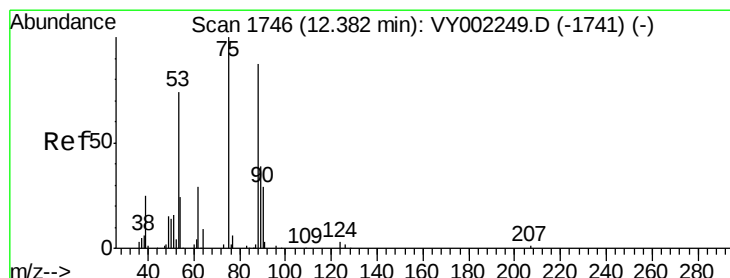
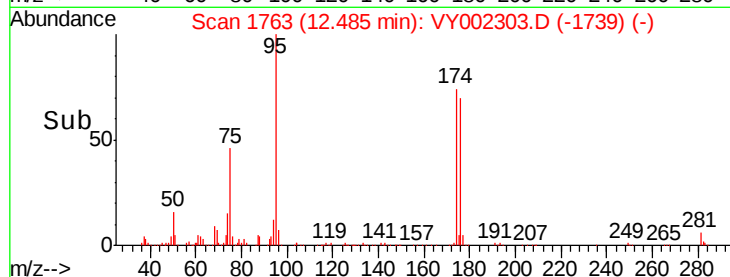
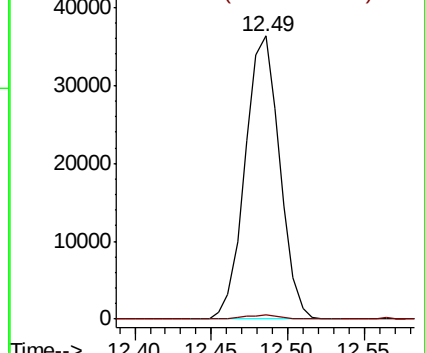
75 100

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: 80.938 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.10 min

Lab File: VY002303.D

Acq: 14 Apr 2020 13:12

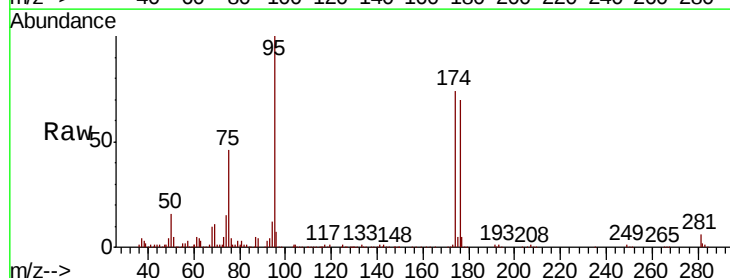
Tgt Ion: 75 Resp: 56981

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

