

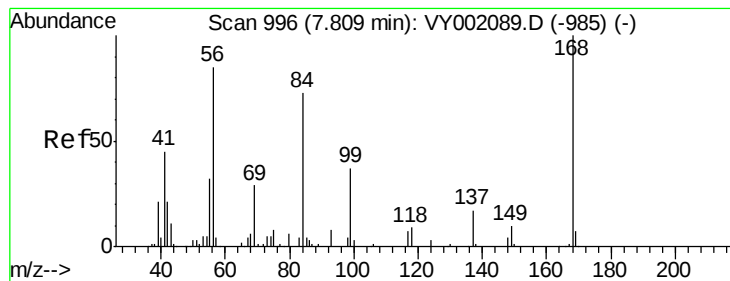
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY033120\
 Data File : VY002135.D
 Acq On : 31 Mar 2020 15:59
 Operator : SY/MD
 Sample : L2054-01
 Misc : 7.68G/5ML/MSVOA Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 01 05:00:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 07:11:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	119875	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.71	114	238721	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	225547	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	94657	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	77028	58.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.26%	
35) Dibromofluoromethane	7.75	113	70867	52.98	ug/l	0.01
Spiked Amount 50.000			Recovery	=	105.96%	
50) Toluene-d8	10.19	98	291602	52.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.96%	
62) 4-Bromofluorobenzene	12.49	95	98303	50.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.16%	
Target Compounds						
					Qvalue	
16) Acetone	3.99	43	511	1.373	ug/l	95
31) Cyclohexane	7.82	56	2933	1.062	ug/l #	1
36) 1,1-Dichloropropene	7.82	75	10297	4.560	ug/l #	49
38) Carbon Tetrachloride	7.82	117	12299	6.420	ug/l #	17
51) 4-Methyl-2-Pentanone	10.19	43	1402	1.075	ug/l #	1
76) 1,2,3-Trichloropropane	12.49	75	50876	48.049	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	50876	93.089	ug/l #	17

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY002135.D

Acq: 31 Mar 2020 15:59

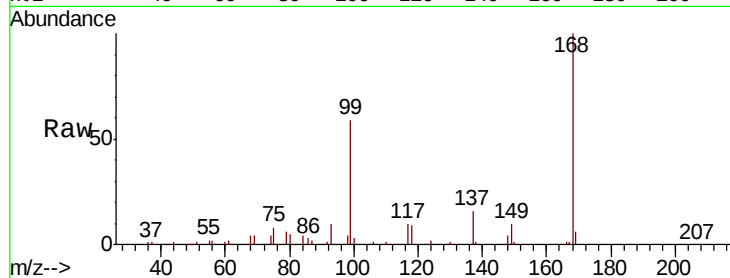
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 119875

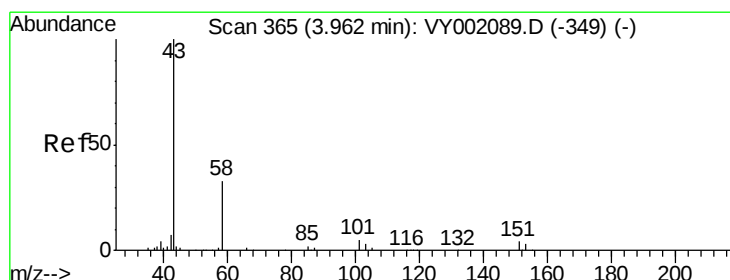
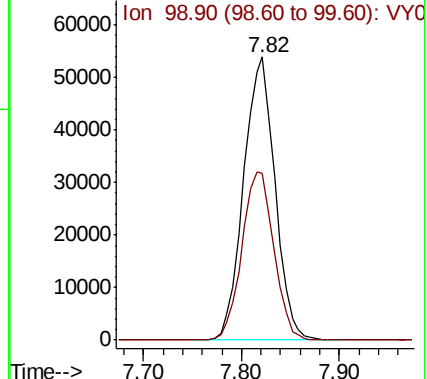
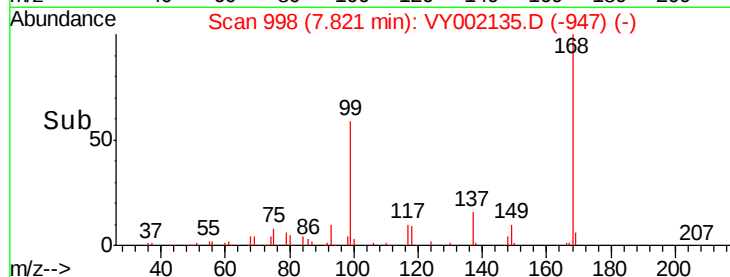
Ion Ratio Lower Upper

168 100

99 59.1 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002135.D (-947) (-)



#16

Acetone

Concen: 1.373 ug/l

RT: 3.99 min Scan# 369

Delta R.T. 0.02 min

Lab File: VY002135.D

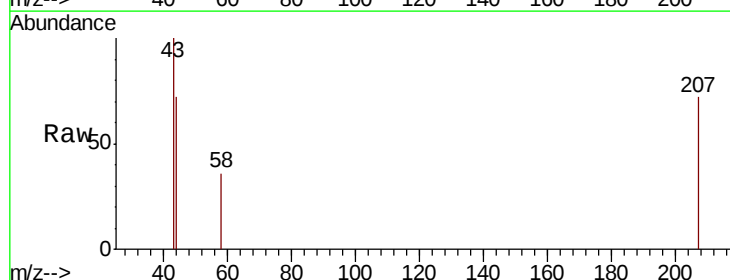
Acq: 31 Mar 2020 15:59

Tgt Ion: 43 Resp: 511

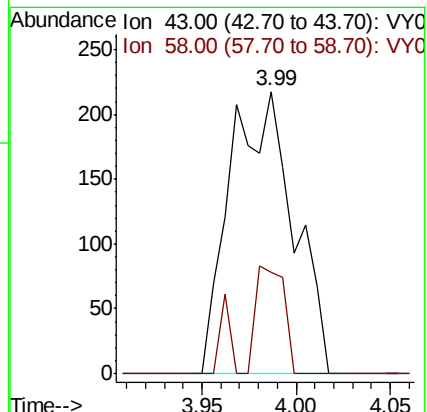
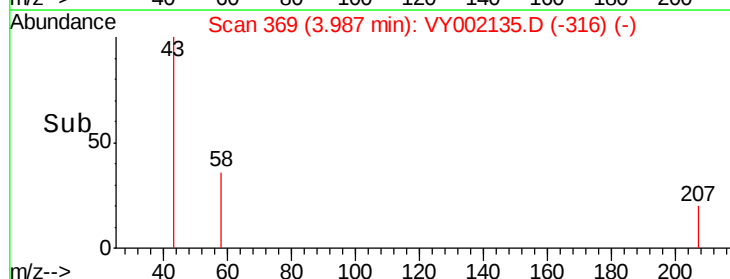
Ion Ratio Lower Upper

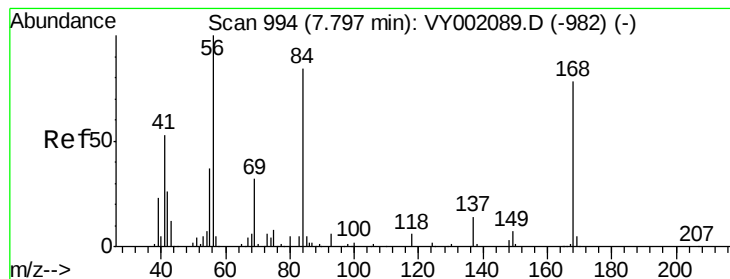
43 100

58 35.8 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VY002135.D (-316) (-)





#31

Cyclohexane

Concen: 1.062 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.02 min

Lab File: VY002135.D

Acq: 31 Mar 2020 15:59

Instrument :
MSVOA_Y
ClientSampled :

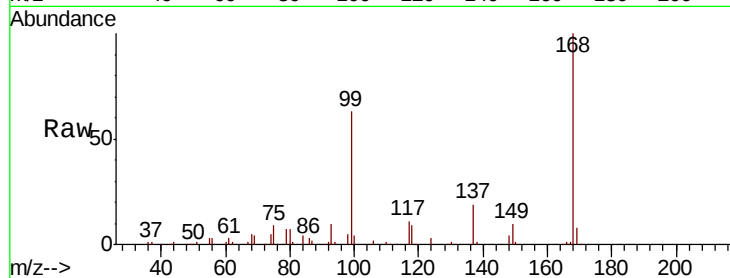
Tot Ion: 56 Resp: 2933

Ion Ratio Lower Upper

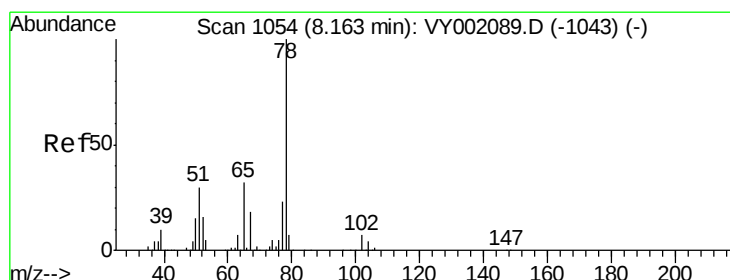
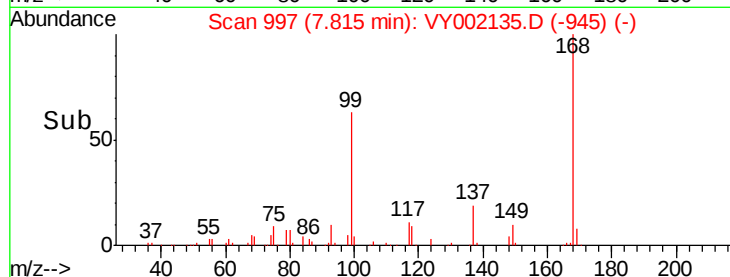
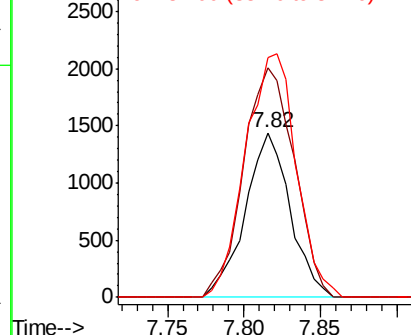
56 100

69 138.9 25.8 38.8#

84 145.2 67.1 100.7#



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: 58.126 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.01 min

Lab File: VY002135.D

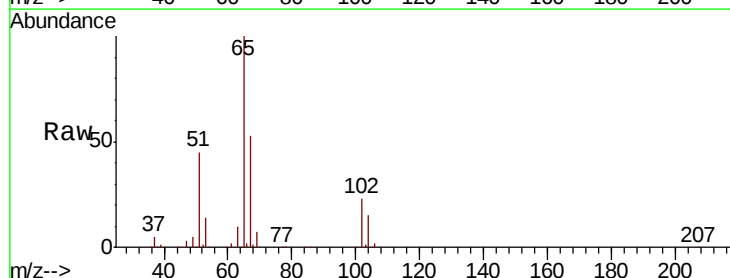
Acq: 31 Mar 2020 15:59

Tgt Ion: 65 Resp: 77028

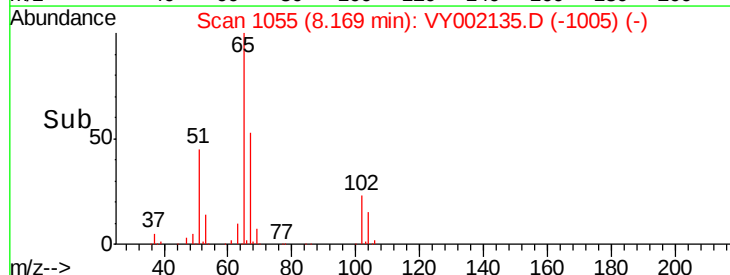
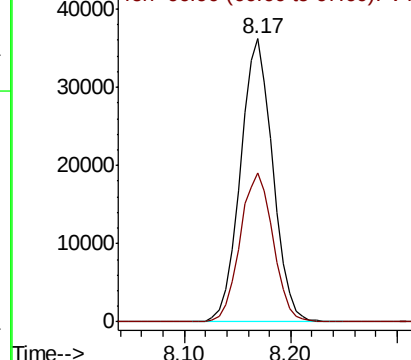
Ion Ratio Lower Upper

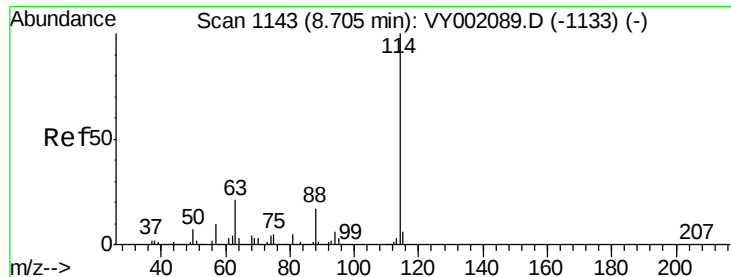
65 100

67 54.0 0.0 112.8



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

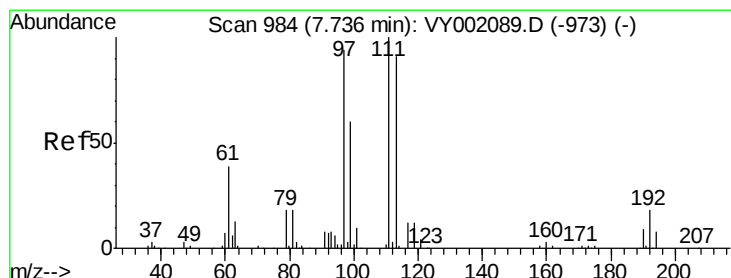
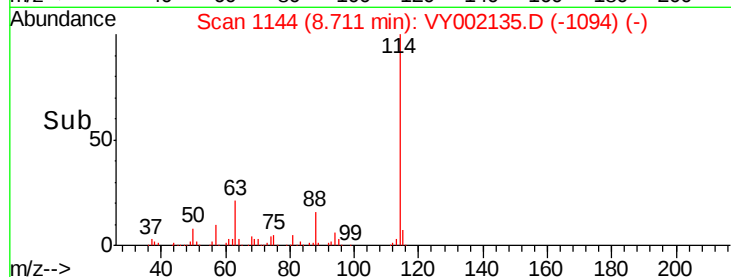
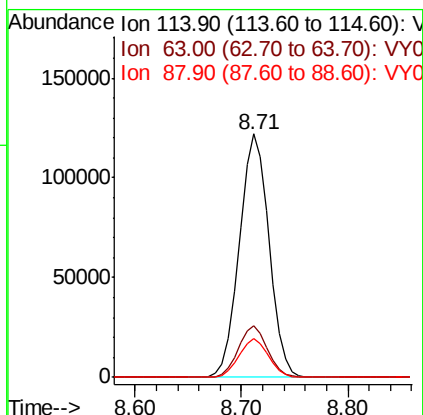
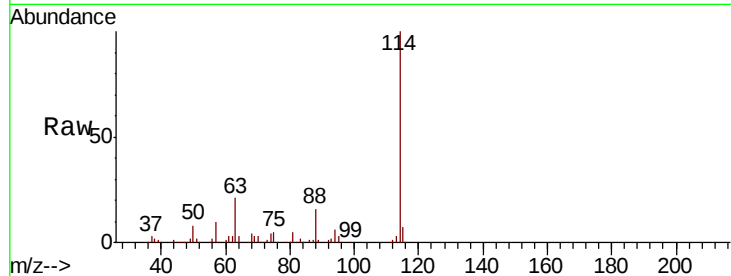




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.01 min
 Lab File: VY002135.D
 Acq: 31 Mar 2020 15:59

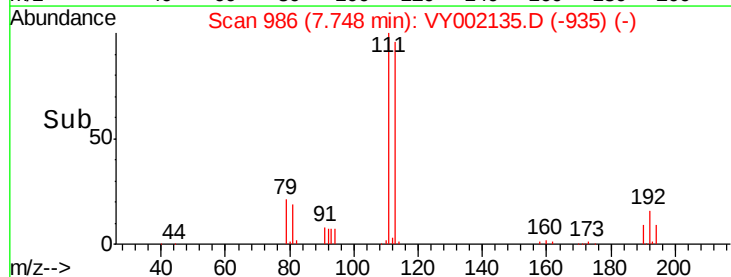
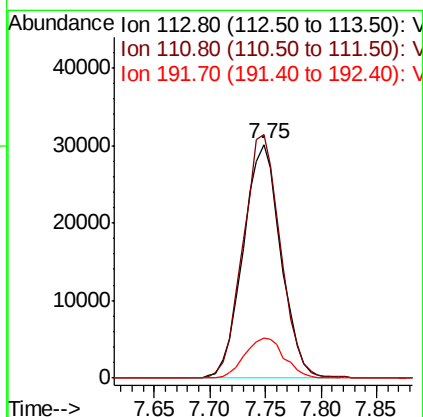
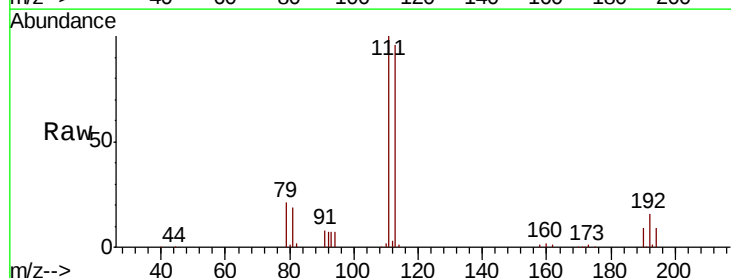
Instrument :
 MSVOA_Y
 ClientSampleId :

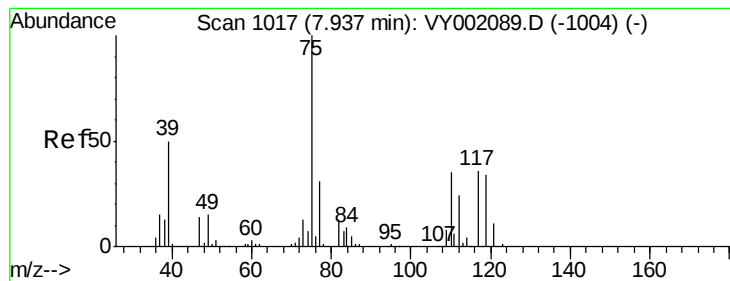
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	41.4
88	16.0	0.0	33.0



#35
 Dibromofluoromethane
 Concen: 52.981 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. 0.01 min
 Lab File: VY002135.D
 Acq: 31 Mar 2020 15:59

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.5	84.4	126.6
192	18.0	14.6	21.8





#36

1,1-Dichloropropene

Concen: 4.560 ug/l

RT: 7.82 min Scan# 997

Delta R.T. -0.12 min

Lab File: VY002135.D

Acq: 31 Mar 2020 15:59

Instrument :

MSVOA_Y

ClientSampleId :

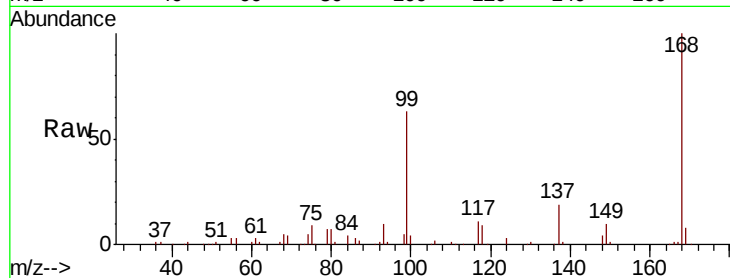
Tot Ion: 75 Resp: 10297

Ion Ratio Lower Upper

75 100

110 7.7 17.2 51.6#

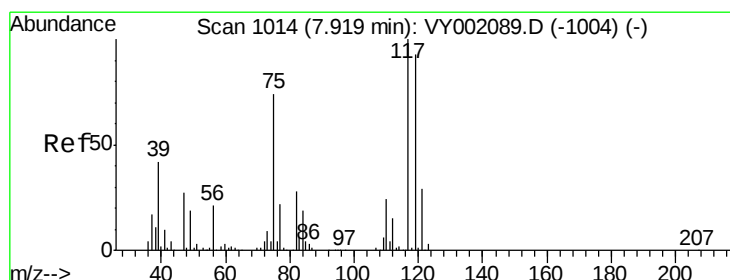
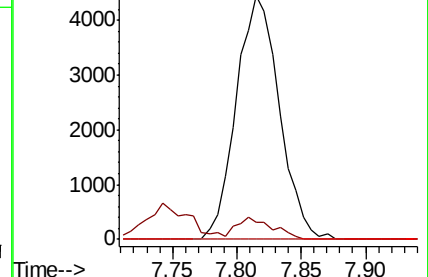
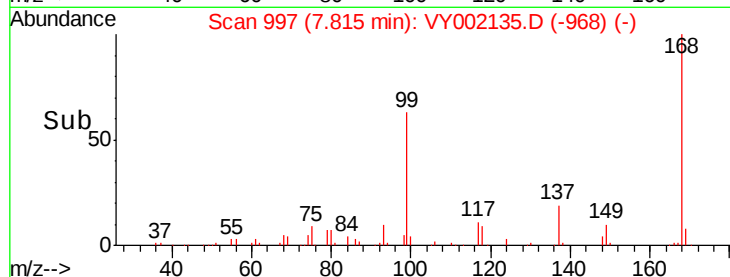
77 0.0 24.7 37.1#



Abundance Ion 74.90 (74.60 to 75.60): VY002135.D (-968) (-)

Ion 109.90 (109.60 to 110.60): VY002135.D (-968) (-)

Ion 76.90 (76.60 to 77.60): VY002135.D (-968) (-)



#38

Carbon Tetrachloride

Concen: 6.420 ug/l

RT: 7.82 min Scan# 997

Delta R.T. -0.10 min

Lab File: VY002135.D

Acq: 31 Mar 2020 15:59

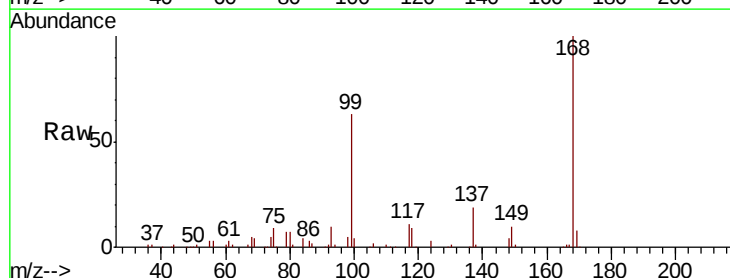
Tgt Ion: 117 Resp: 12299

Ion Ratio Lower Upper

117 100

119 4.2 74.3 111.5#

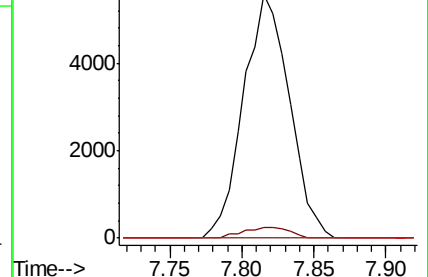
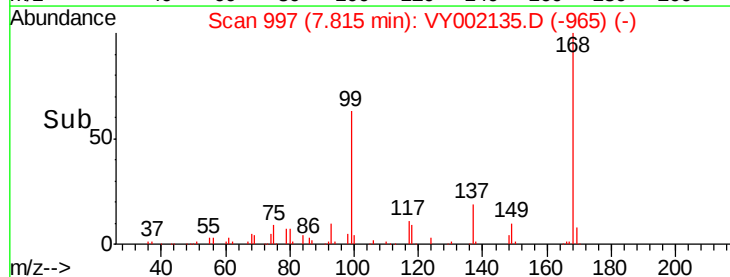
121 0.0 23.3 34.9#

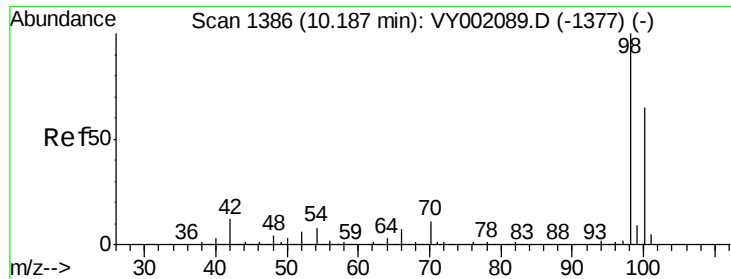


Abundance Ion 116.80 (116.50 to 117.50): VY002135.D (-965) (-)

Ion 118.80 (118.50 to 119.50): VY002135.D (-965) (-)

Ion 120.80 (120.50 to 121.50): VY002135.D (-965) (-)





#50

Toluene-d8

Concen: 52.478 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY002135.D

Acq: 31 Mar 2020 15:59

Instrument :

MSVOA_Y

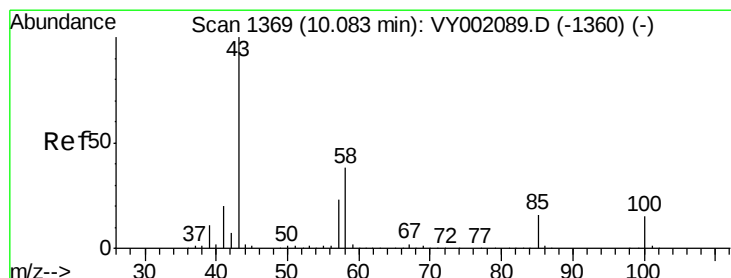
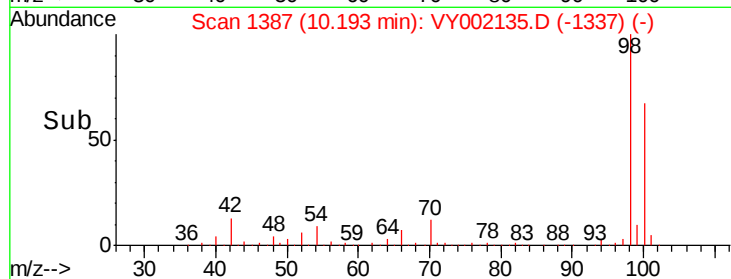
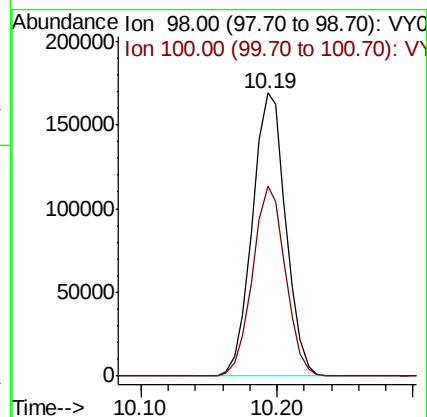
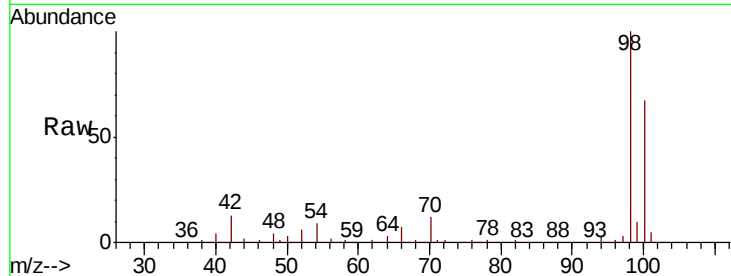
ClientSampleId :

Tot Ion: 98 Resp: 291602

Ion Ratio Lower Upper

98 100

100 66.0 51.6 77.4



#51

4-Methyl-2-Pentanone

Concen: 1.075 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.11 min

Lab File: VY002135.D

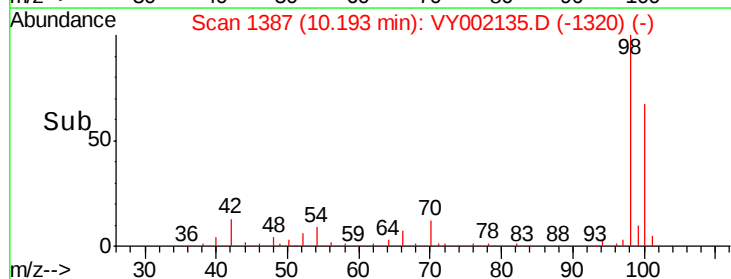
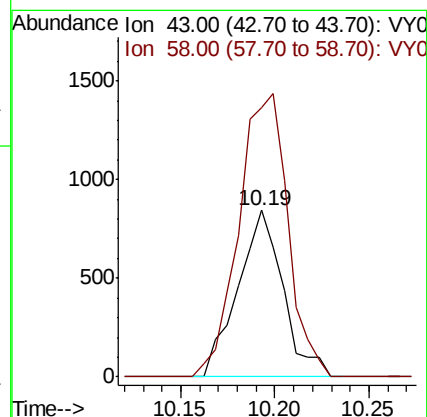
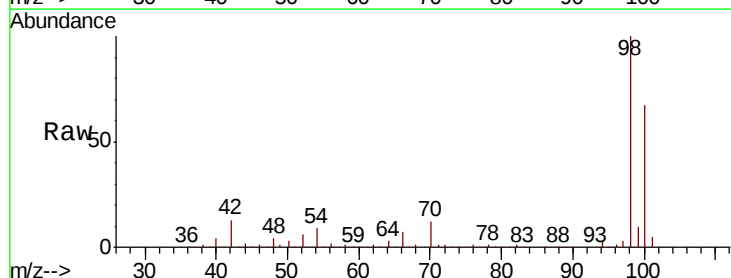
Acq: 31 Mar 2020 15:59

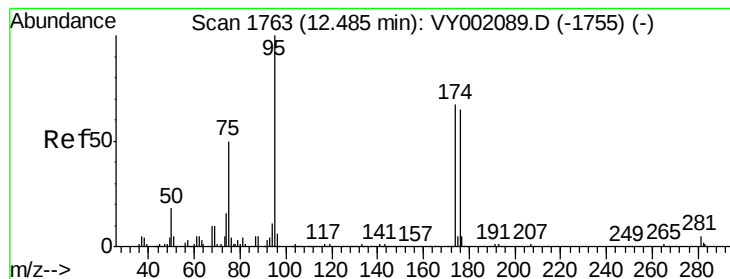
Tgt Ion: 43 Resp: 1402

Ion Ratio Lower Upper

43 100

58 184.6 31.6 47.4#





#62

4-Bromofluorobenzene

Concen: 50.584 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY002135.D

Acq: 31 Mar 2020 15:59

Instrument :

MSVOA_Y

ClientSampleId :

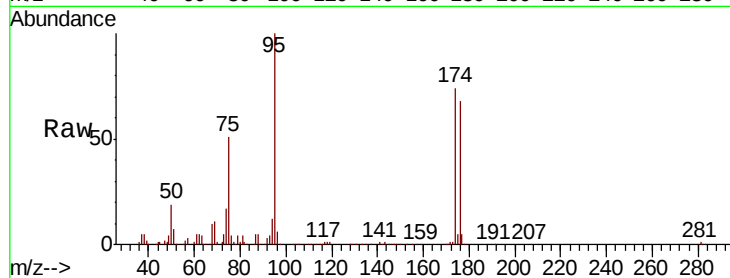
Tot Ion: 95 Resp: 98303

Ion Ratio Lower Upper

95 100

174 74.9 0.0 143.4

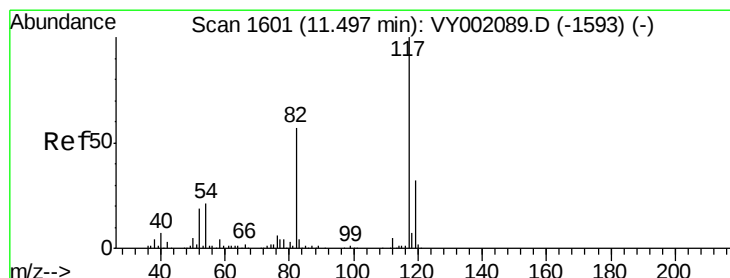
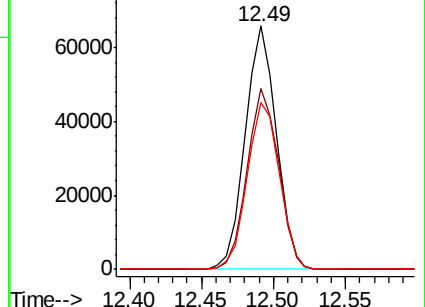
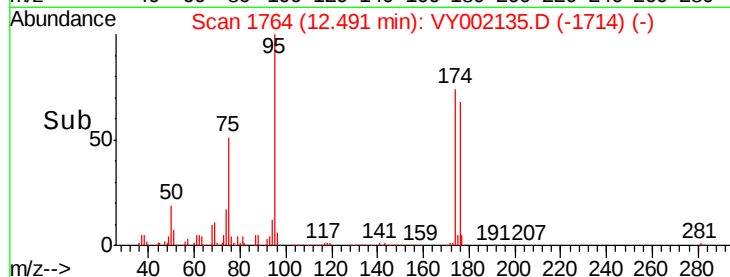
176 70.8 0.0 137.0



Abundance Ion 94.90 (94.60 to 95.60): VY002135.D (-1755) (-)

Ion 173.80 (173.50 to 174.50): VY002135.D (-1755) (-)

Ion 175.80 (175.50 to 176.50): VY002135.D (-1755) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.50 min Scan# 1602

Delta R.T. 0.01 min

Lab File: VY002135.D

Acq: 31 Mar 2020 15:59

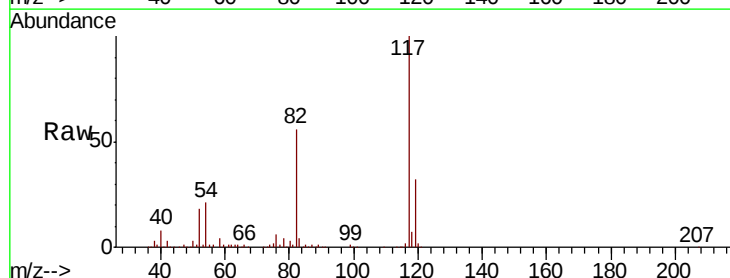
Tgt Ion: 117 Resp: 225547

Ion Ratio Lower Upper

117 100

82 56.0 45.4 68.2

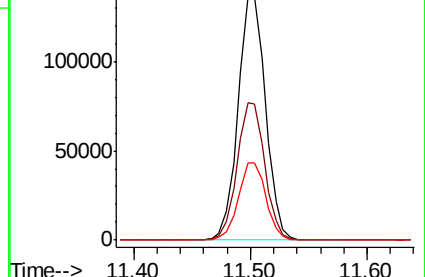
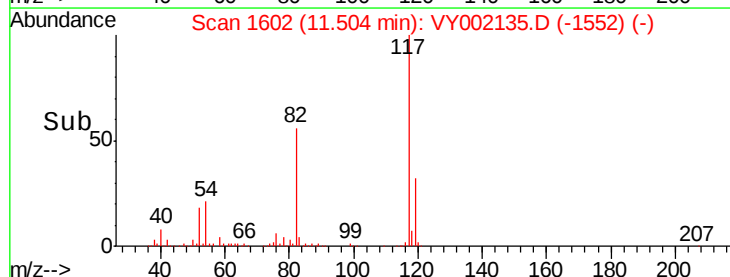
119 31.6 25.3 37.9

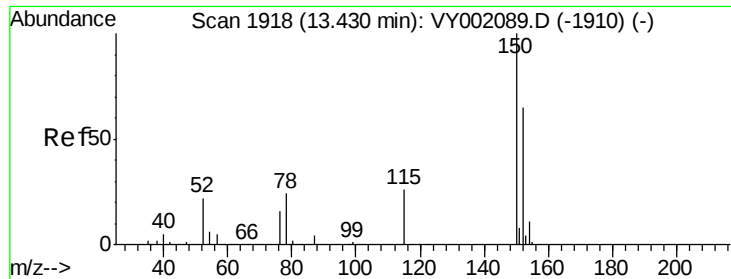


Abundance Ion 116.90 (116.60 to 117.60): VY002135.D (-1593) (-)

Ion 82.00 (81.70 to 82.70): VY002135.D (-1593) (-)

Ion 118.90 (118.60 to 119.60): VY002135.D (-1593) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.01 min

Lab File: VY002135.D

Acq: 31 Mar 2020 15:59

Instrument :

MSVOA_Y

ClientSampleId :

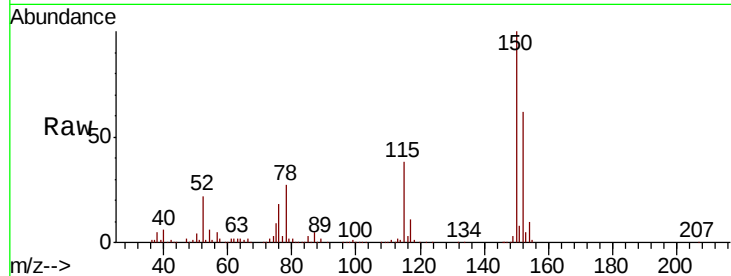
Tot Ion:152 Resp: 94657

Ion Ratio Lower Upper

152 100

115 59.8 31.2 93.6

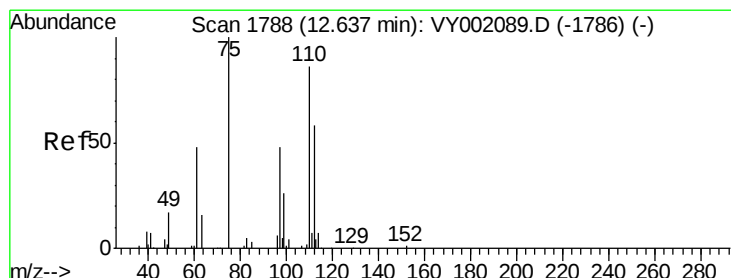
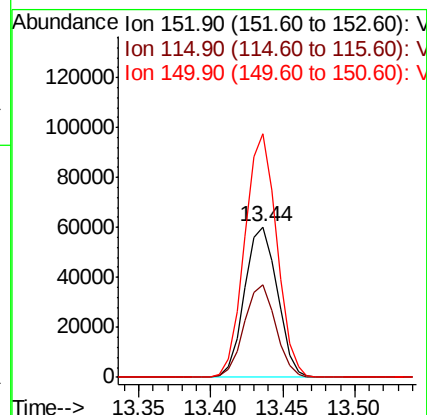
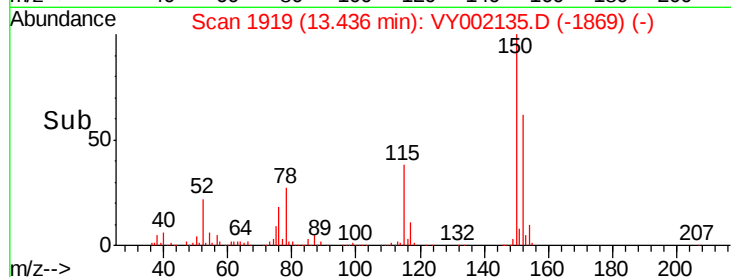
150 158.7 0.0 354.8



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: 48.049 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.15 min

Lab File: VY002135.D

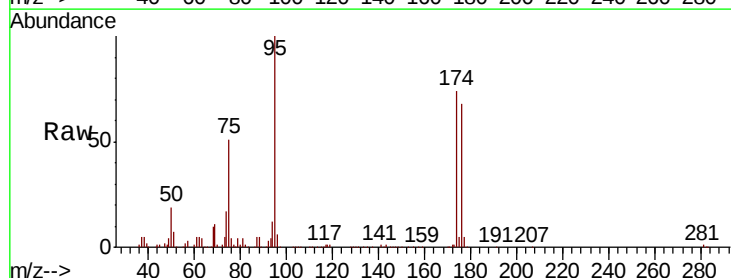
Acq: 31 Mar 2020 15:59

Tgt Ion: 75 Resp: 50876

Ion Ratio Lower Upper

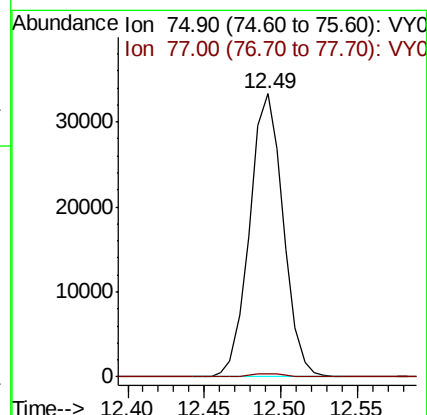
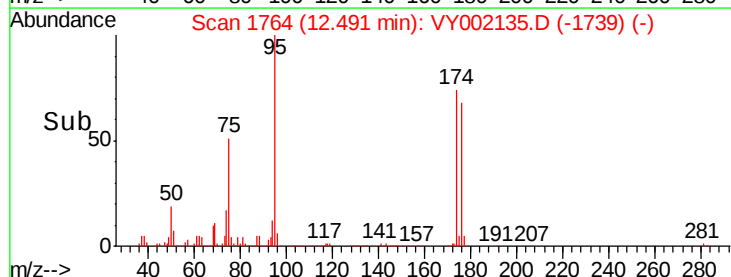
75 100

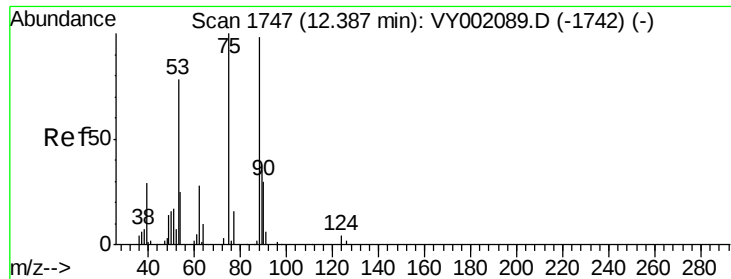
77 1.4 0.0 0.0#



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: 93.089 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.10 min

Lab File: VY002135.D

Acq: 31 Mar 2020 15:59

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 75 Resp: 50876

Ion Ratio Lower Upper

75 100

53 0.0 65.0 97.4#

89 0.0 33.4 50.0#

