

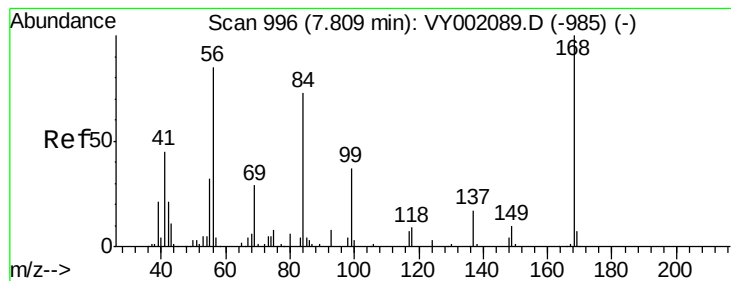
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY033120\
 Data File : VY002136.D
 Acq On : 31 Mar 2020 16:21
 Operator : SY/MD
 Sample : L2054-02
 Misc : 4.69G/5ML/MSVOA Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 01 05:00:10 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	120258	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.72	114	240181	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.50	117	223189	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	95194	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	81842	61.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.12%	
35) Dibromofluoromethane	7.75	113	71479	53.11	ug/l	0.01
Spiked Amount 50.000			Recovery	=	106.22%	
50) Toluene-d8	10.19	98	291084	52.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.14%	
62) 4-Bromofluorobenzene	12.49	95	99393	50.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.66%	
Target Compounds						
					Qvalue	
16) Acetone	3.99	43	503	1.347	ug/l #	85
20) Methylene Chloride	4.75	84	4108	Below Cal		85
31) Cyclohexane	7.82	56	2833	1.023	ug/l #	4
36) 1,1-Dichloropropene	7.82	75	10830	4.767	ug/l #	49
38) Carbon Tetrachloride	7.82	117	12196	6.328	ug/l #	17
51) 4-Methyl-2-Pentanone	10.19	43	1376	1.049	ug/l #	1
76) 1,2,3-Trichloropropane	12.49	75	51982	48.817	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	51982	94.576	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: VY002136.D

Acq: 31 Mar 2020 16:21

Instrument :

MSVOA_Y

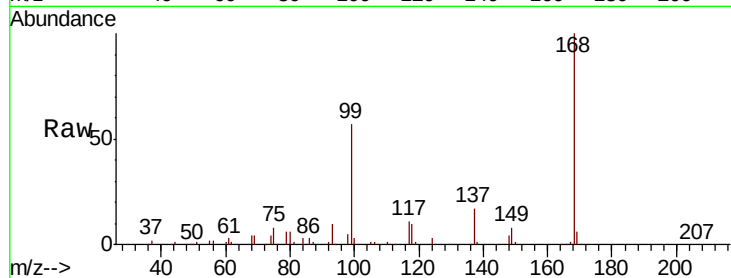
ClientSampleId :

Tot Ion:168 Resp: 120258

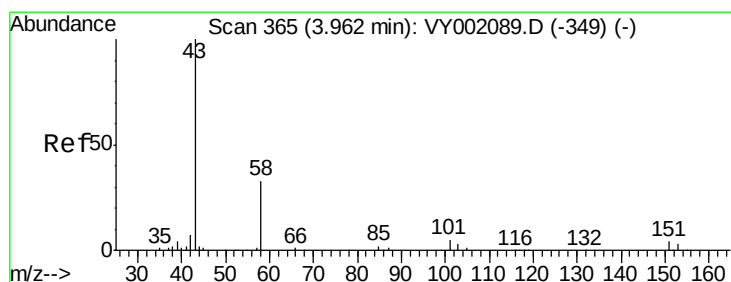
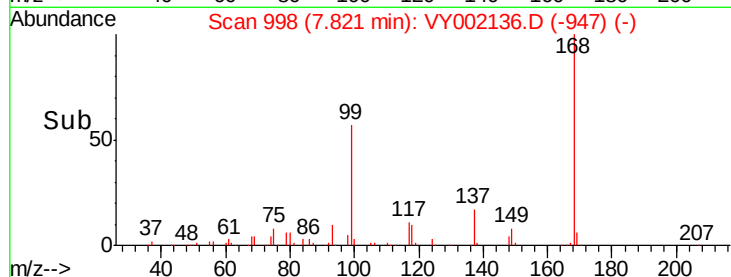
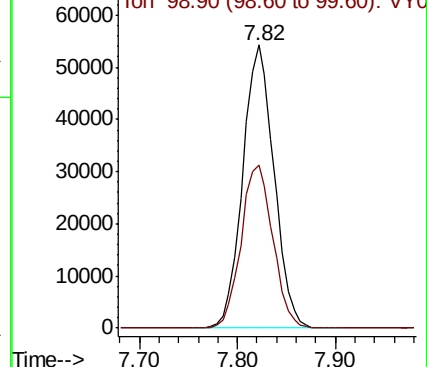
Ion Ratio Lower Upper

168 100

99 57.5 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002136.D (-947) (-)



#16

Acetone

Concen: 1.347 ug/l

RT: 3.99 min Scan# 369

Delta R.T. 0.02 min

Lab File: VY002136.D

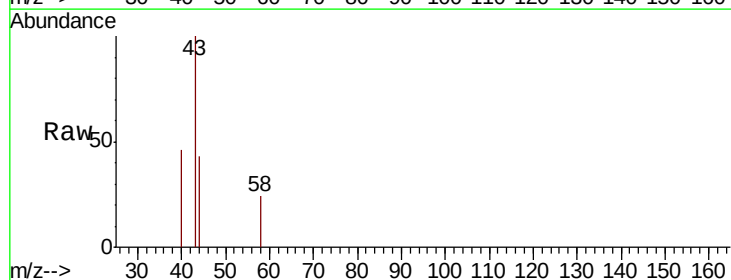
Acq: 31 Mar 2020 16:21

Tgt Ion: 43 Resp: 503

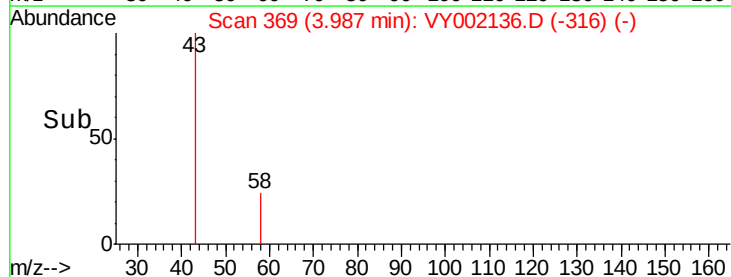
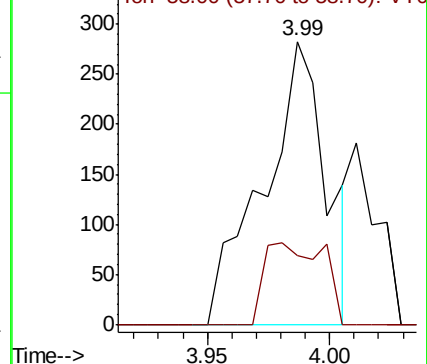
Ion Ratio Lower Upper

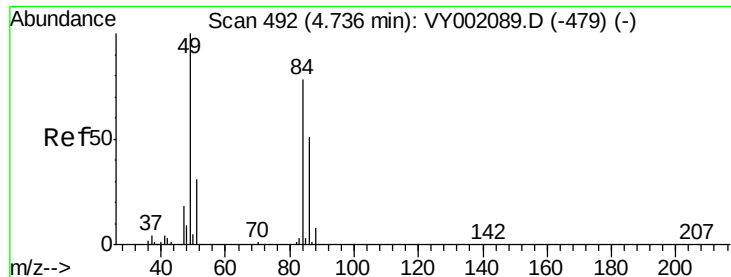
43 100

58 24.4 26.3 39.5#



Abundance Ion 43.00 (42.70 to 43.70): VY002136.D (-316) (-)

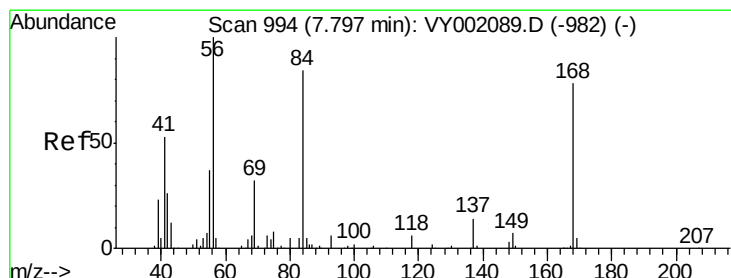
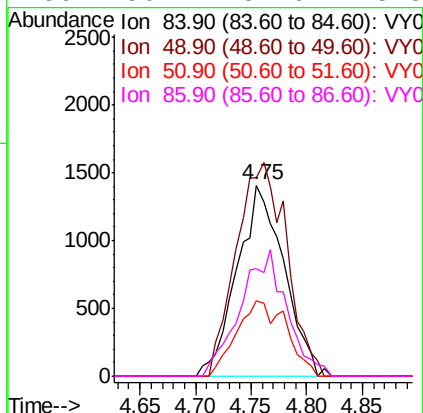
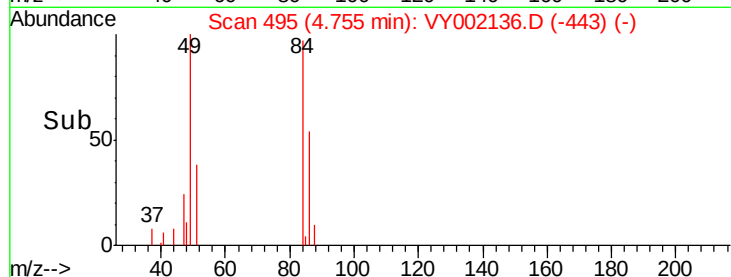
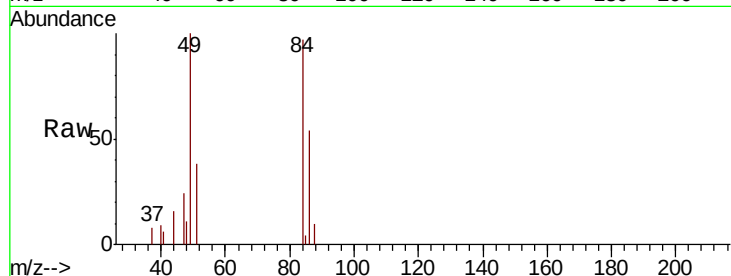




#20
Methylene Chloride
Concen: Below Cal
RT: 4.75 min Scan# 495
Delta R.T. 0.02 min
Lab File: VY002136.D
Acq: 31 Mar 2020 16:21

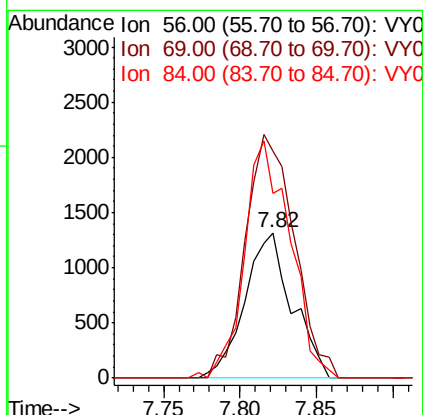
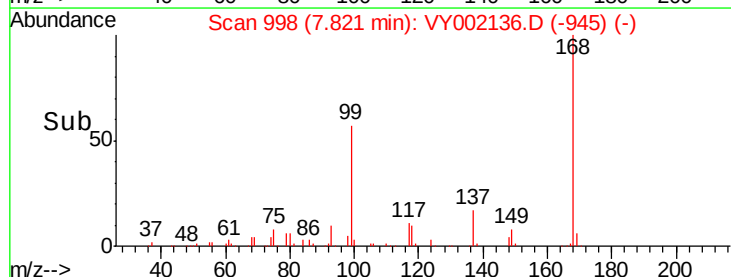
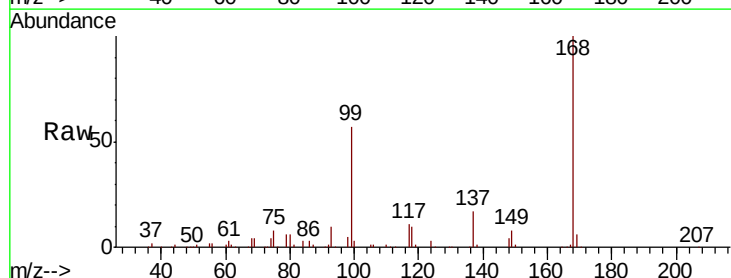
Instrument :
MSVOA_Y
ClientSampled :

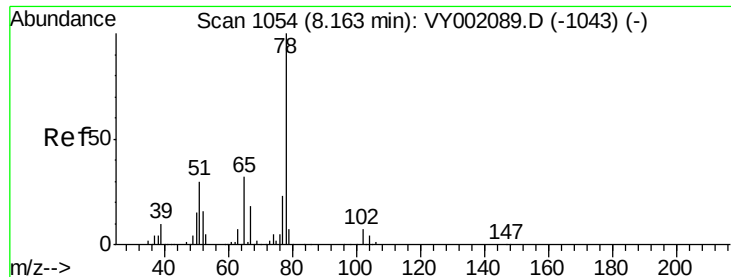
Tot Ion:	84	Resp:	4108
Ion	Ratio	Lower	Upper
84	100		
49	103.5	102.2	153.4
51	39.8	31.2	46.8
86	56.2	52.6	78.8



#31
Cyclohexane
Concen: 1.023 ug/l
RT: 7.82 min Scan# 998
Delta R.T. 0.02 min
Lab File: VY002136.D
Acq: 31 Mar 2020 16:21

Tgt Ion:	56	Resp:	2833
Ion	Ratio	Lower	Upper
56	100		
69	156.0	25.8	38.8#
84	126.8	67.1	100.7#

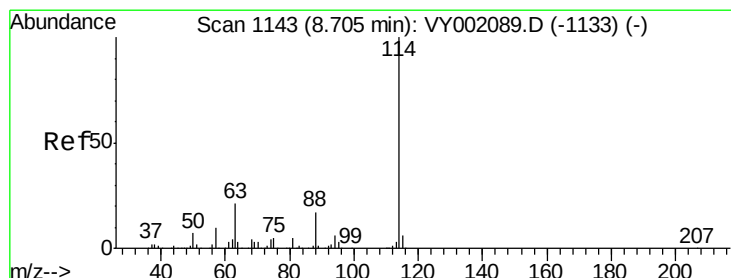
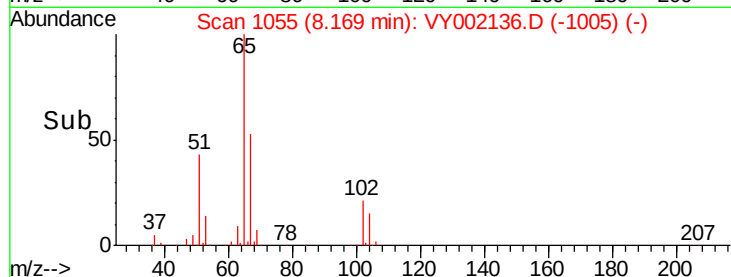
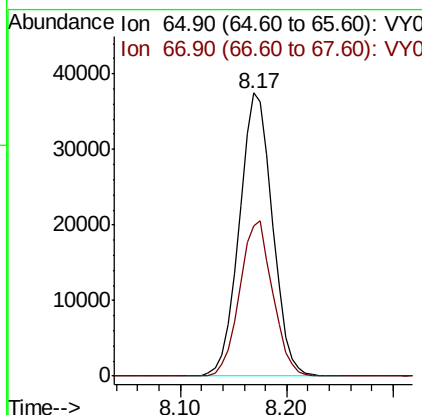
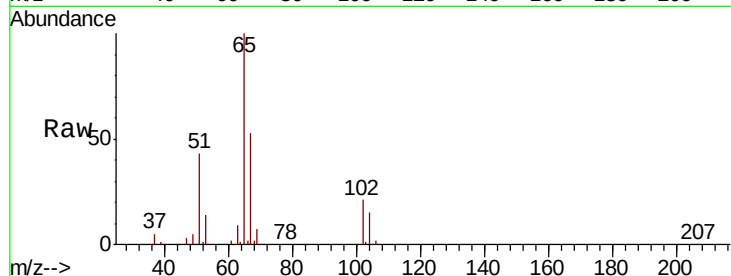




#33
 1,2-Dichloroethane-d4
 Concen: 61.562 ug/l
 RT: 8.17 min Scan# 1055
 Delta R.T. 0.01 min
 Lab File: VY002136.D
 Acq: 31 Mar 2020 16:21

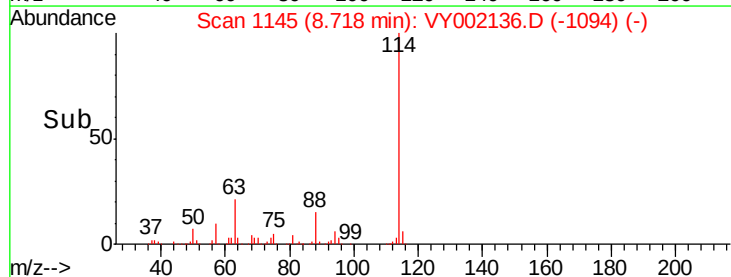
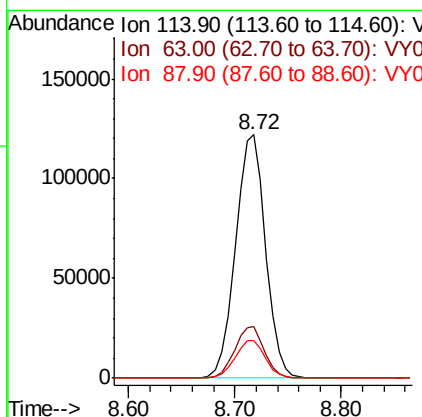
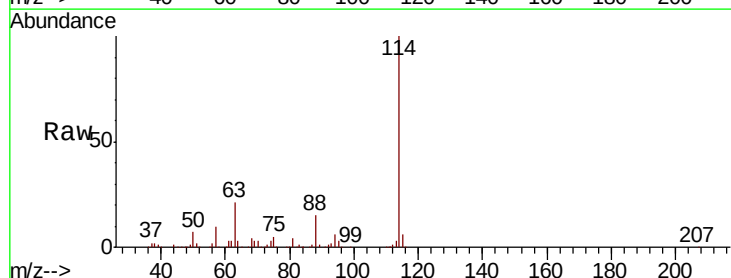
Instrument :
 MSVOA_Y
 ClientSampleId :

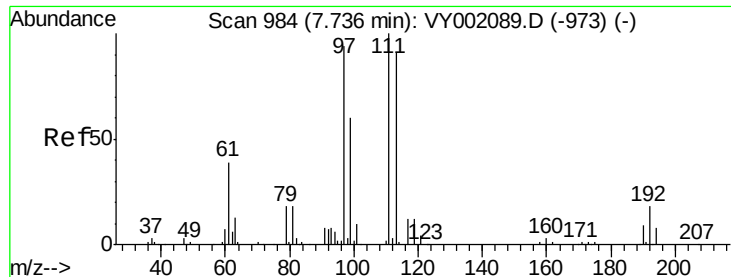
Tot Ion: 65 Resp: 81842
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 112.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.72 min Scan# 1145
 Delta R.T. 0.01 min
 Lab File: VY002136.D
 Acq: 31 Mar 2020 16:21

Tgt Ion: 114 Resp: 240181
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 41.4
 88 15.2 0.0 33.0

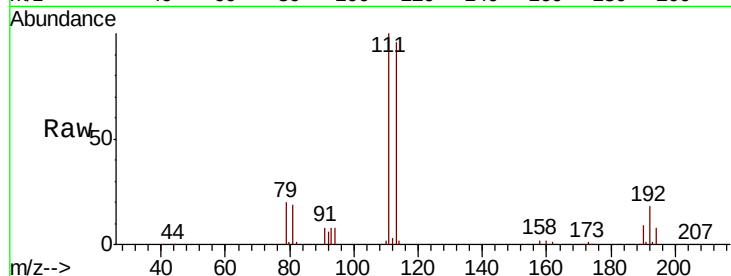




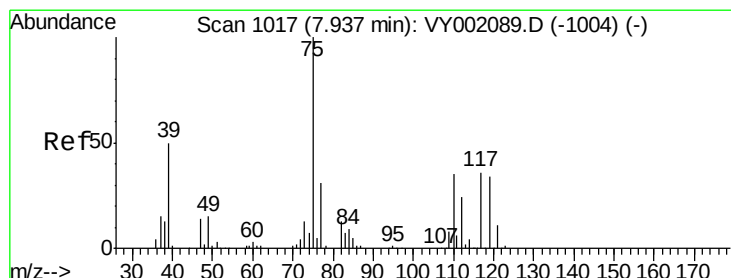
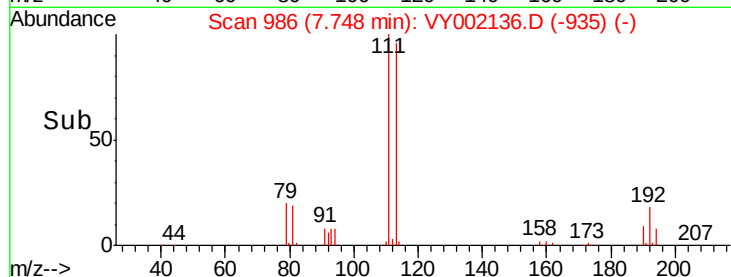
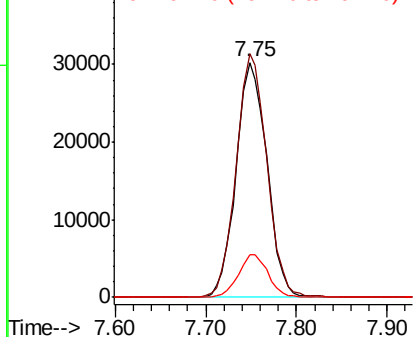
#35
 Dibromofluoromethane
 Concen: 53.114 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. 0.01 min
 Lab File: VY002136.D
 Acq: 31 Mar 2020 16:21

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:113 Resp: 71479
 Ion Ratio Lower Upper
 113 100
 111 103.0 84.4 126.6
 192 17.6 14.6 21.8

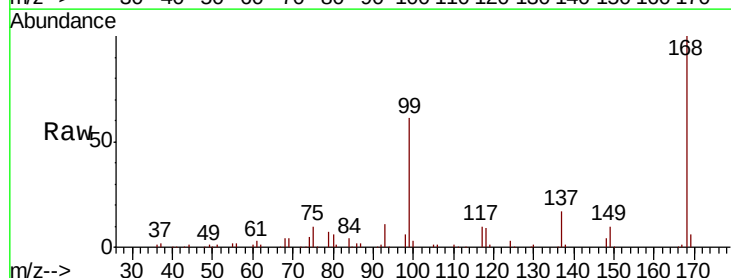


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

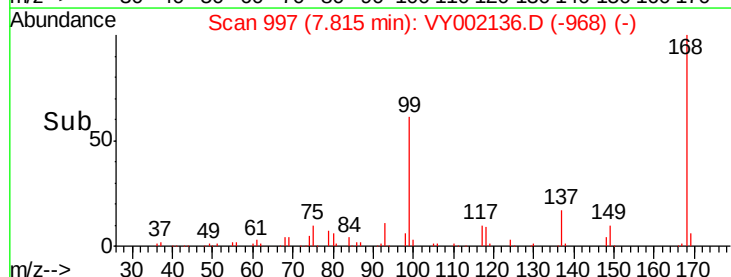
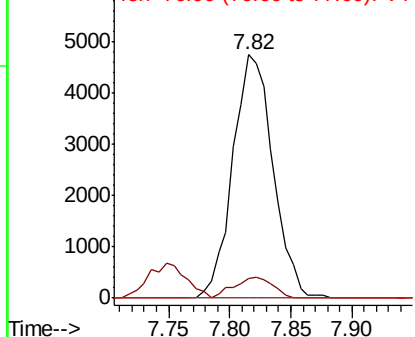


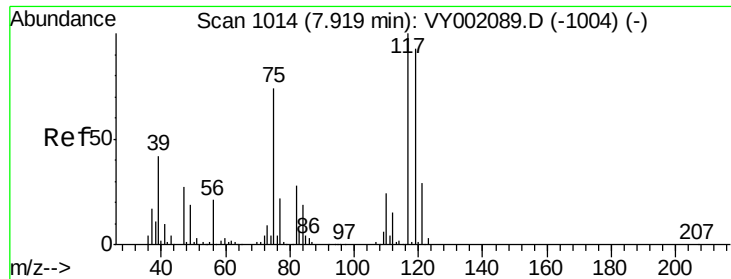
#36
 1,1-Dichloropropene
 Concen: 4.767 ug/l
 RT: 7.82 min Scan# 997
 Delta R.T. -0.12 min
 Lab File: VY002136.D
 Acq: 31 Mar 2020 16:21

Tgt Ion: 75 Resp: 10830
 Ion Ratio Lower Upper
 75 100
 110 8.3 17.2 51.6#
 77 0.0 24.7 37.1#



Abundance Ion 74.90 (74.60 to 75.60): VY0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VY0

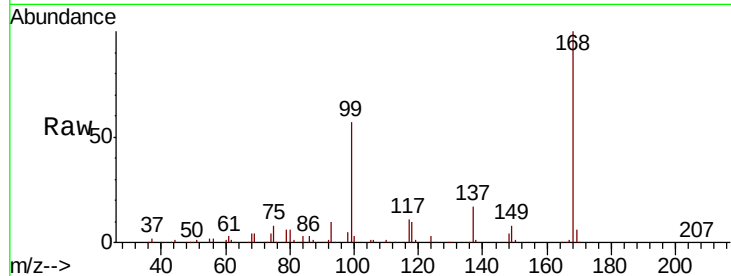




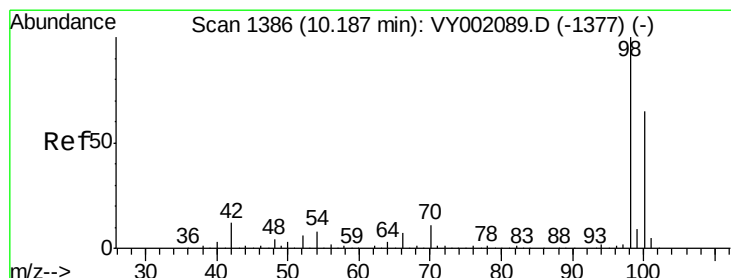
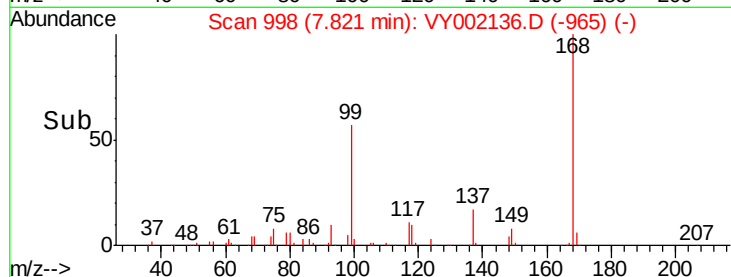
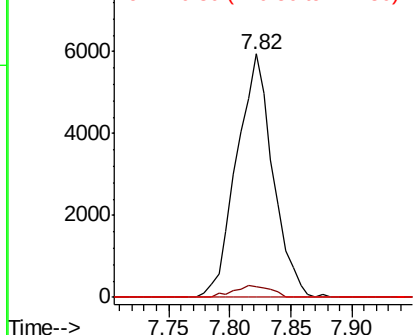
#38
Carbon Tetrachloride
Concen: 6.328 ug/l
RT: 7.82 min Scan# 998
Delta R.T. -0.10 min
Lab File: VY002136.D
Acq: 31 Mar 2020 16:21

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:117 Resp: 12196
Ion Ratio Lower Upper
117 100
119 4.6 74.3 111.5#
121 0.0 23.3 34.9#

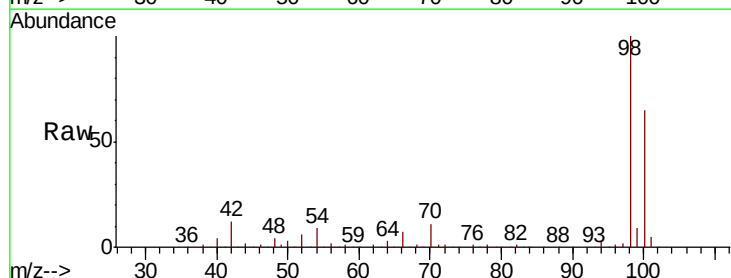


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

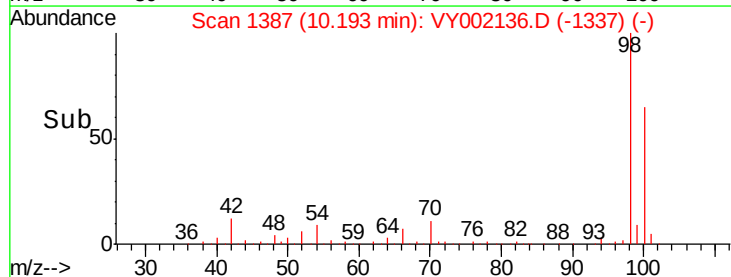
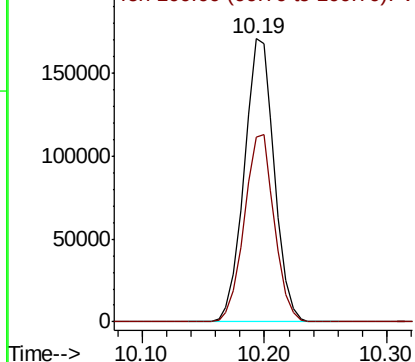


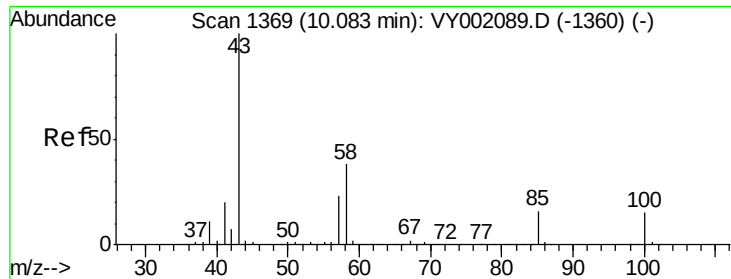
#50
Toluene-d8
Concen: 52.066 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.01 min
Lab File: VY002136.D
Acq: 31 Mar 2020 16:21

Tgt Ion: 98 Resp: 291084
Ion Ratio Lower Upper
98 100
100 66.2 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY





#51

4-Methyl-2-Pentanone

Concen: 1.049 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.10 min

Lab File: VY002136.D

Acq: 31 Mar 2020 16:21

Instrument :

MSVOA_Y

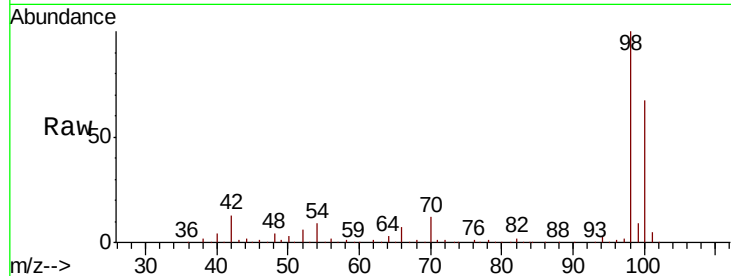
ClientSampleId :

Tot Ion: 43 Resp: 1376

Ion Ratio Lower Upper

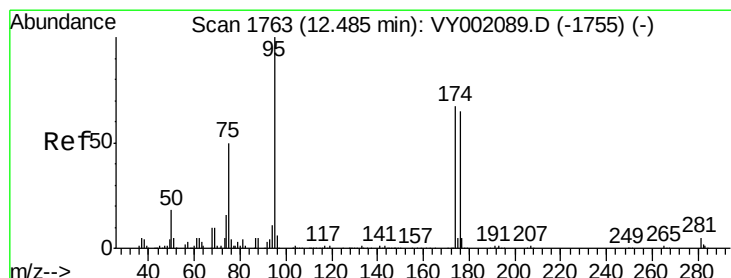
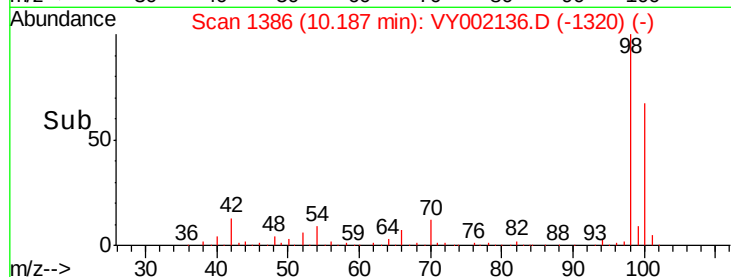
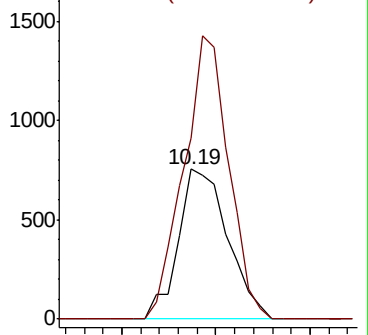
43 100

58 171.1 31.6 47.4#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#62

4-Bromofluorobenzene

Concen: 50.834 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY002136.D

Acq: 31 Mar 2020 16:21

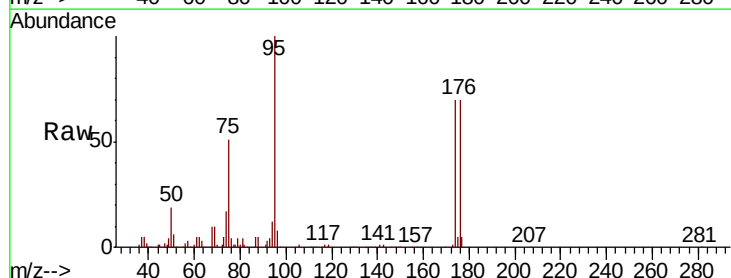
Tgt Ion: 95 Resp: 99393

Ion Ratio Lower Upper

95 100

174 73.3 0.0 143.4

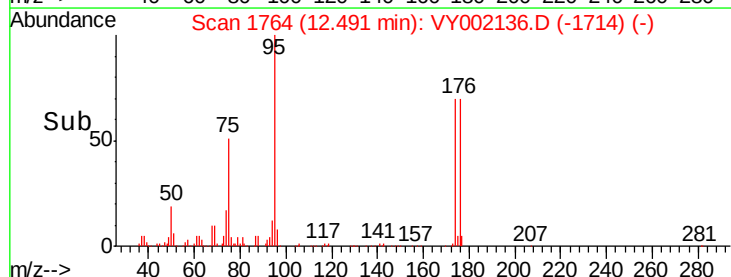
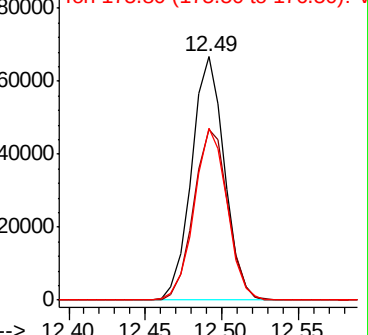
176 70.9 0.0 137.0

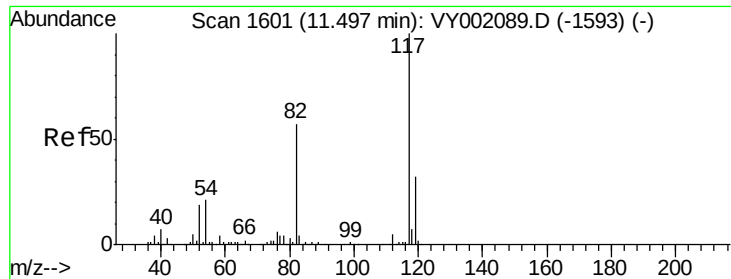


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

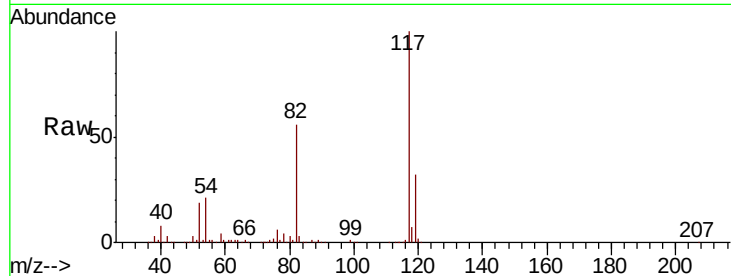




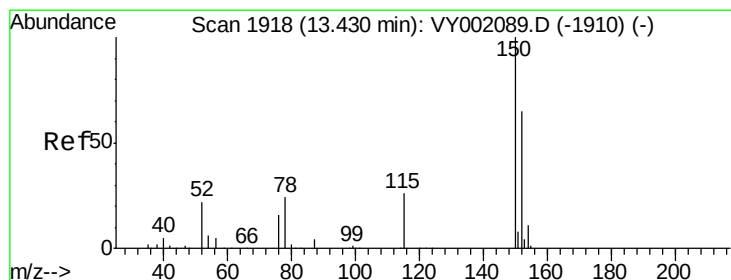
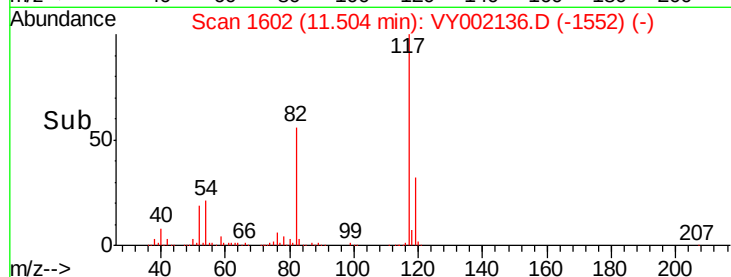
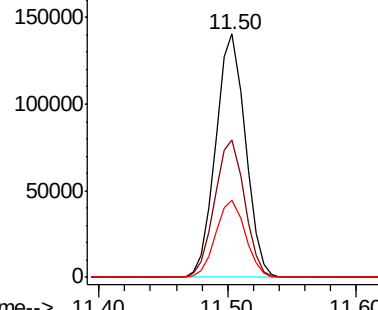
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY002136.D
Acq: 31 Mar 2020 16:21

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 223189
Ion Ratio Lower Upper
117 100
82 56.2 45.4 68.2
119 31.5 25.3 37.9

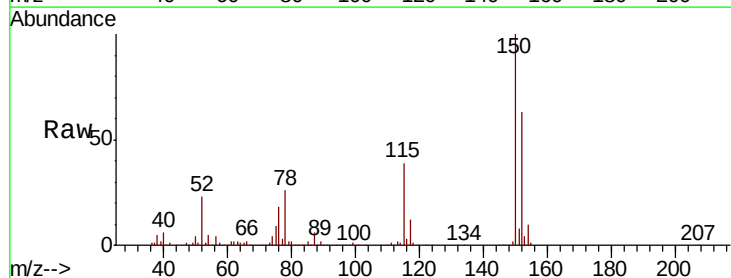


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

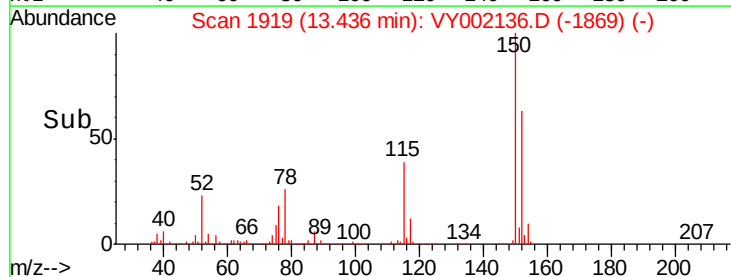
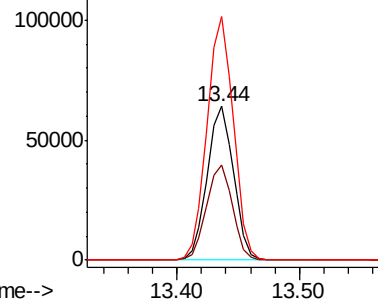


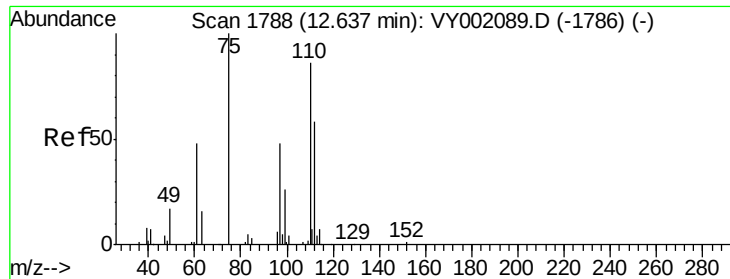
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY002136.D
Acq: 31 Mar 2020 16:21

Tgt Ion:152 Resp: 95194
Ion Ratio Lower Upper
152 100
115 61.1 31.2 93.6
150 158.2 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: 48.817 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.15 min

Lab File: VY002136.D

Acq: 31 Mar 2020 16:21

Instrument :

MSVOA_Y

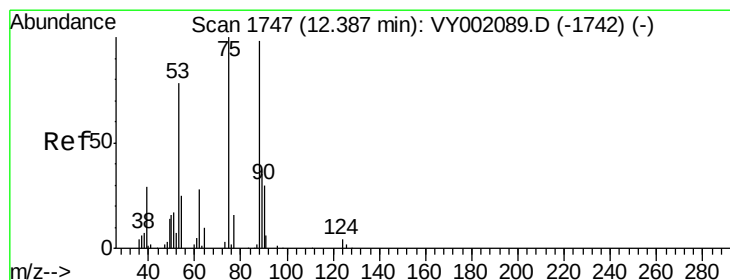
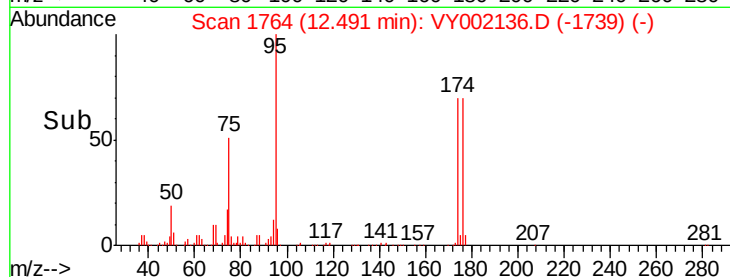
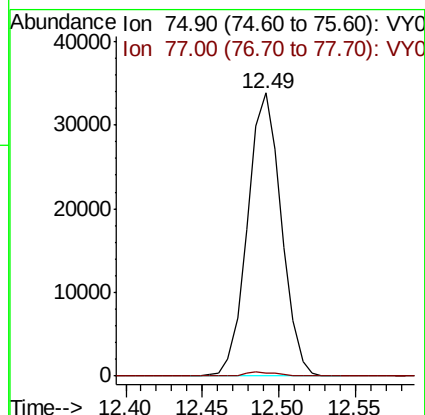
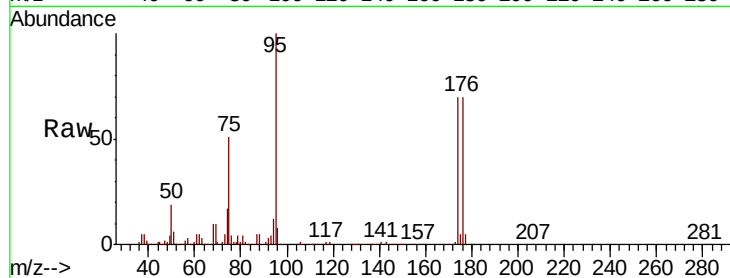
ClientSampleId :

Tot Ion: 75 Resp: 51982

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 94.576 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.10 min

Lab File: VY002136.D

Acq: 31 Mar 2020 16:21

Tgt Ion: 75 Resp: 51982

Ion Ratio Lower Upper

75 100

53 0.0 65.0 97.4#

89 0.0 33.4 50.0#

