

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102319\
 Data File : VY000393.D
 Acq On : 23 Oct 2019 19:51
 Operator : SY/MD
 Sample : K5498-04
 Misc : 9.40G/5ML/MSVOA Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 24 04:48:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 17 02:03:07 2019
 Response via : Initial Calibration

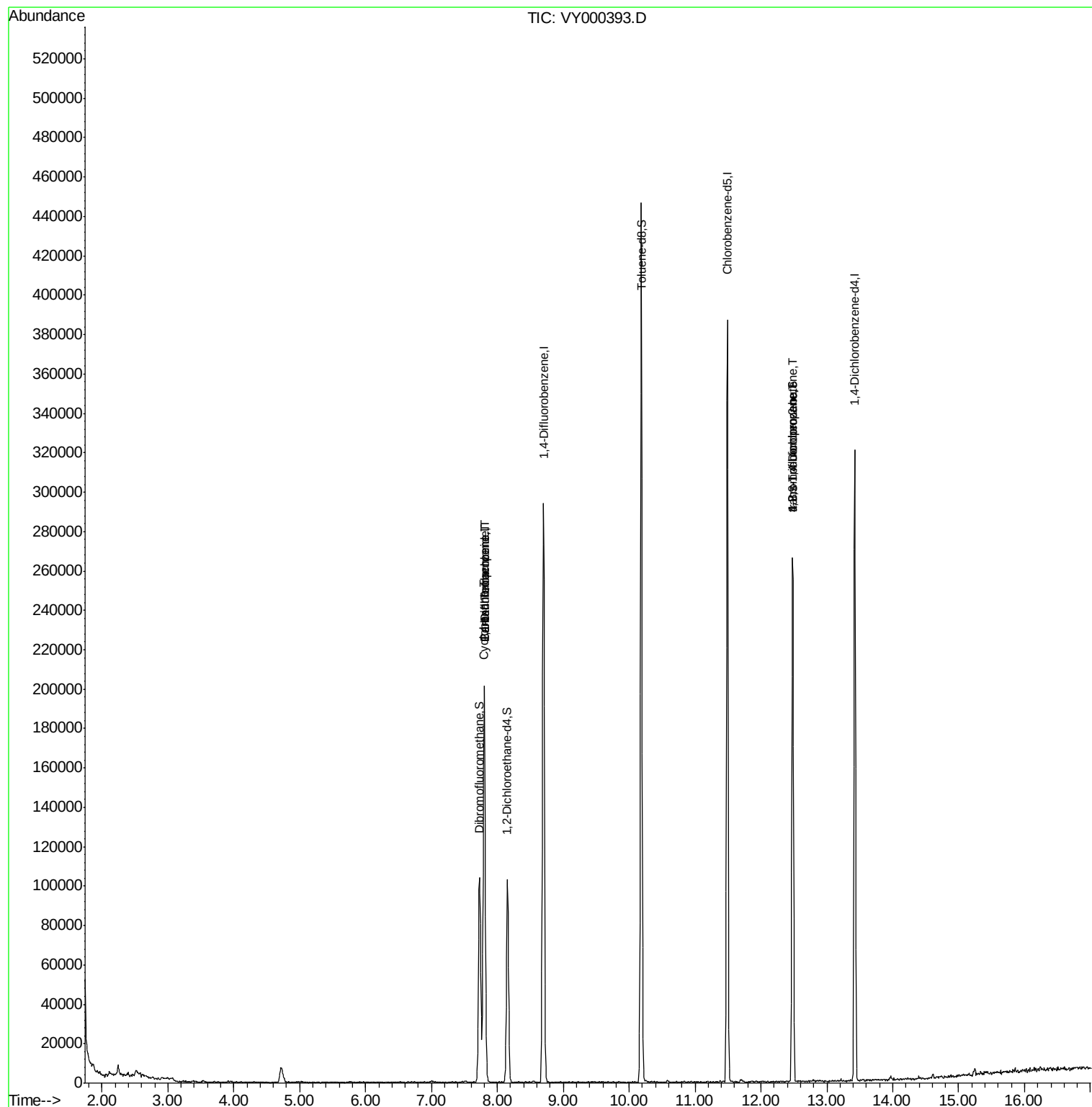
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	158863	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	258149	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	202712	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	78559	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	81602	48.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.40%	
35) Dibromofluoromethane	7.73	113	73292	47.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.14%	
50) Toluene-d8	10.18	98	287931	48.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.14%	
62) 4-Bromofluorobenzene	12.48	95	84066	36.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.88%	
Target Compounds						
20) Methylene Chloride	4.72	84	6016	Below Cal		93
31) Cyclohexane	7.79	56	3412	1.064 ug/l #		53
36) 1,1-Dichloropropene	7.80	75	12367	4.893 ug/l #		48
38) Carbon Tetrachloride	7.80	117	15289	6.248 ug/l #		19
76) 1,2,3-Trichloropropane	12.48	75	43840	45.383 ug/l #		100
81) trans-1,4-Dichloro-2-buten	12.48	75	43840	99.296 ug/l #		14

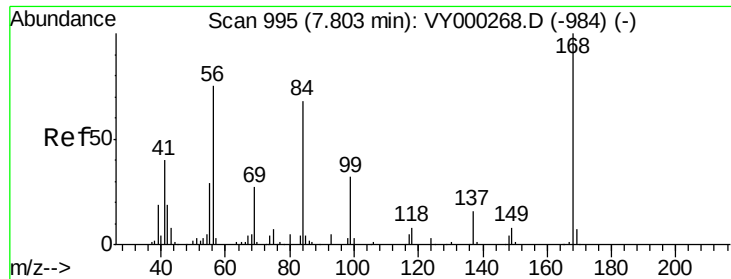
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000393.D

Acq: 23 Oct 2019 19:51

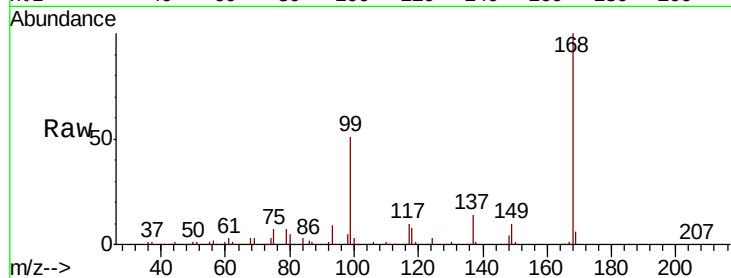
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 158863

Ion Ratio Lower Upper

168 100

99 50.9 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VY000268.D (-984) (-)

Ion 98.90 (98.60 to 99.60): VY000268.D (-984) (-)

7.80

60000

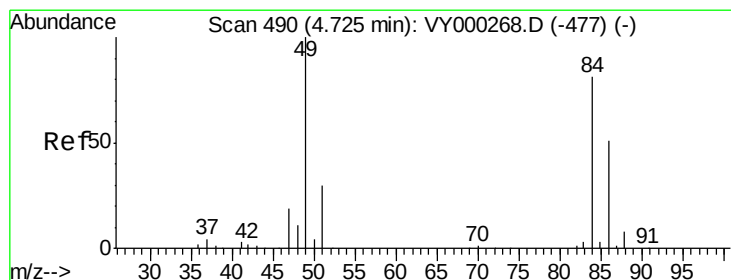
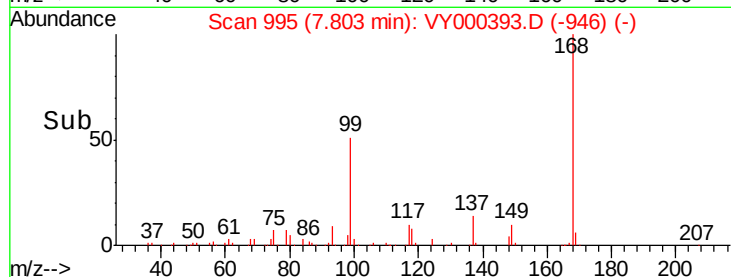
40000

20000

0

7.70 7.80 7.90

Time-->



#20

Methylene Chloride

Concen: Below Cal

RT: 4.72 min Scan# 490

Delta R.T. 0.00 min

Lab File: VY000393.D

Acq: 23 Oct 2019 19:51

Tgt Ion: 84 Resp: 6016

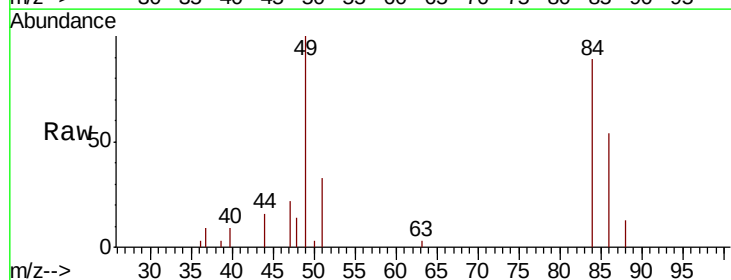
Ion Ratio Lower Upper

84 100

49 111.8 99.0 148.4

51 36.7 29.3 43.9

86 59.8 50.2 75.4



Abundance Ion 83.90 (83.60 to 84.60): VY000268.D (-477) (-)

Ion 48.90 (48.60 to 49.60): VY000268.D (-477) (-)

Ion 50.90 (50.60 to 51.60): VY000268.D (-477) (-)

Ion 85.90 (85.60 to 86.60): VY000268.D (-477) (-)

3000

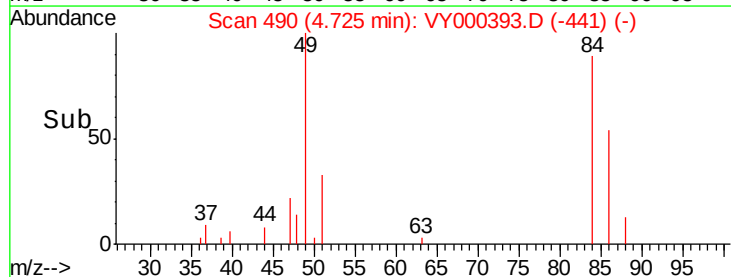
2000

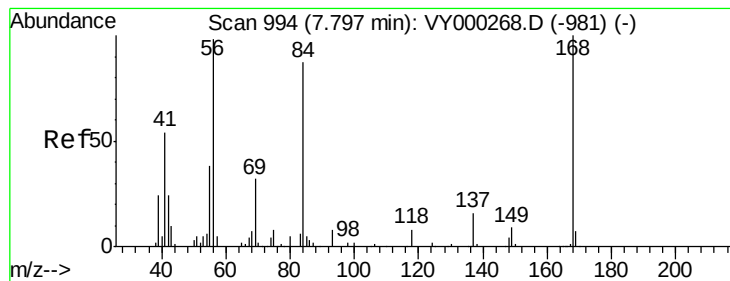
1000

0

4.60 4.70 4.80

Time-->





#31

Cyclohexane

Concen: 1.064 ug/l

RT: 7.79 min Scan# 993

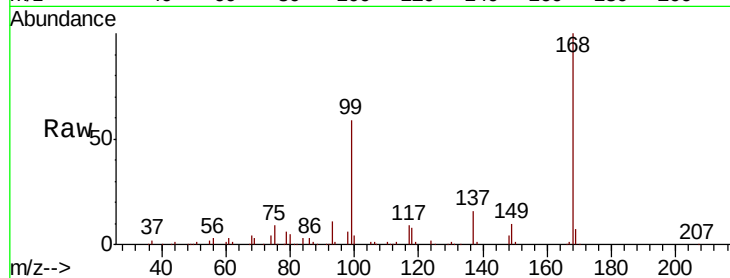
Delta R.T. -0.01 min

Lab File: VY000393.D

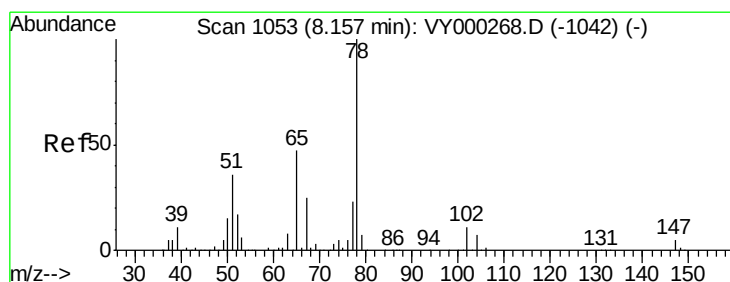
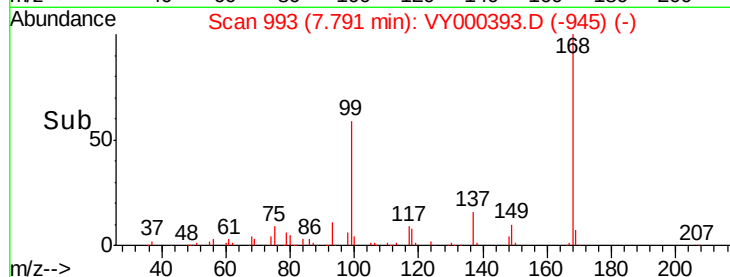
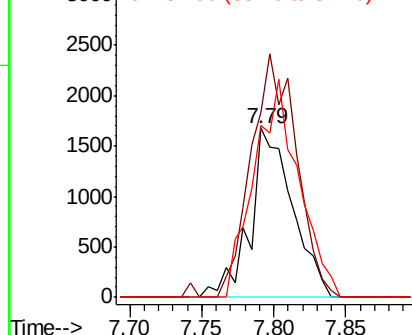
Acq: 23 Oct 2019 19:51

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 56 Resp: 3412
Ion Ratio Lower Upper
56 100
69 108.9 26.3 39.5#
84 102.0 70.8 106.2



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: 48.696 ug/l

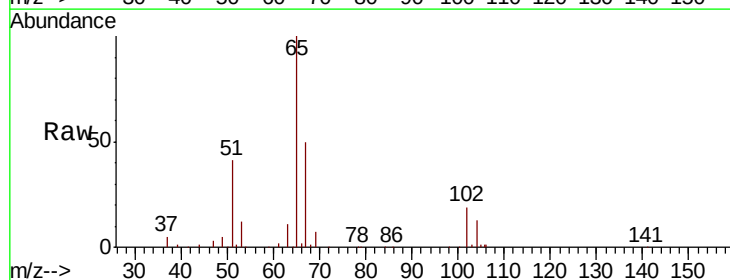
RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

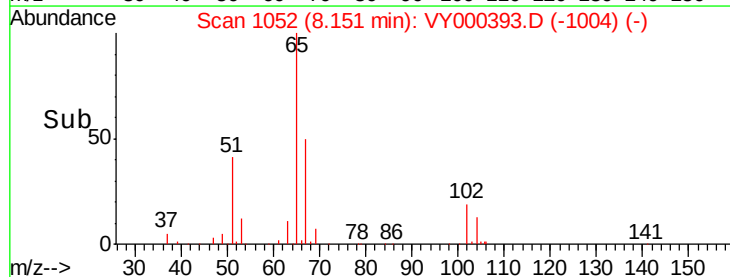
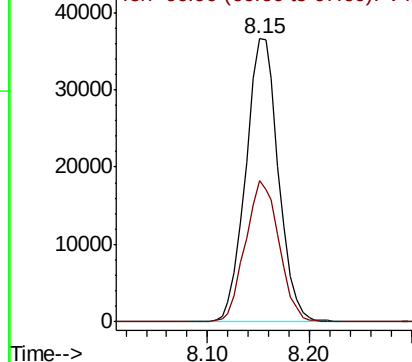
Lab File: VY000393.D

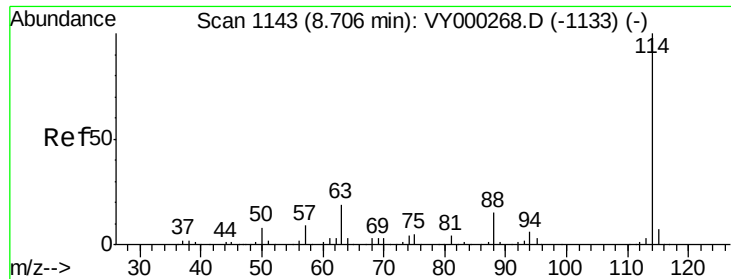
Acq: 23 Oct 2019 19:51

Tgt Ion: 65 Resp: 81602
Ion Ratio Lower Upper
65 100
67 51.4 0.0 109.4



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

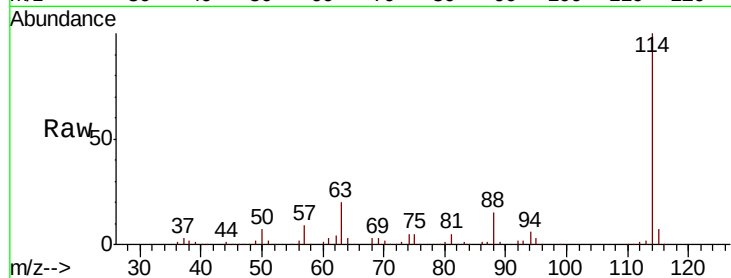




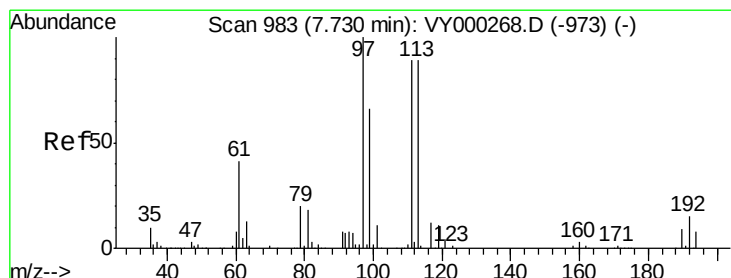
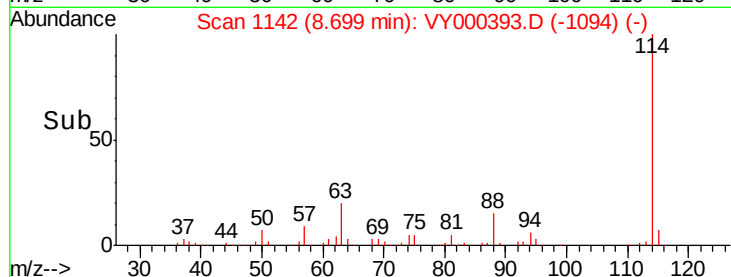
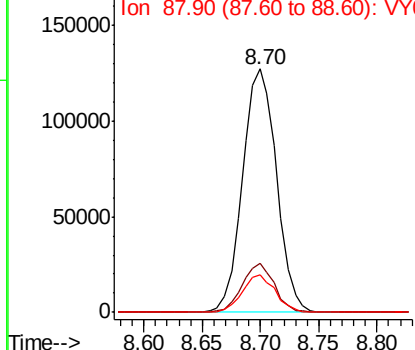
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY000393.D
 Acq: 23 Oct 2019 19:51

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:114 Resp: 258149
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 37.2
 88 15.4 0.0 30.2

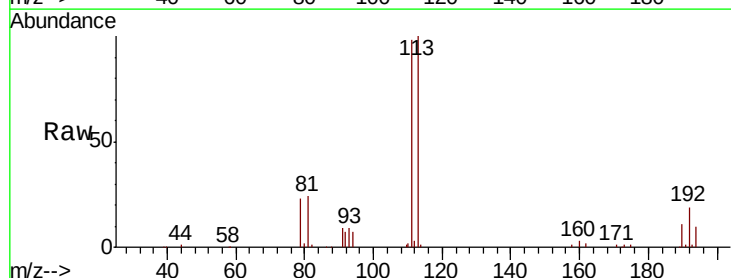


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

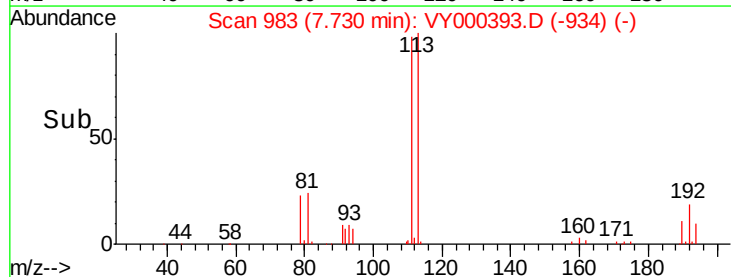
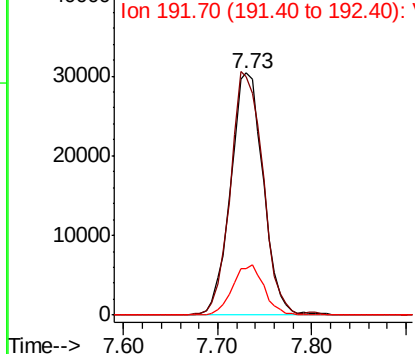


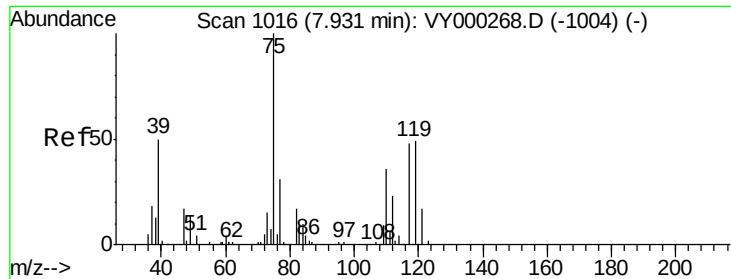
#35
 Dibromofluoromethane
 Concen: 47.067 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000393.D
 Acq: 23 Oct 2019 19:51

Tgt Ion:113 Resp: 73292
 Ion Ratio Lower Upper
 113 100
 111 99.8 81.6 122.4
 192 20.0 15.3 22.9



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

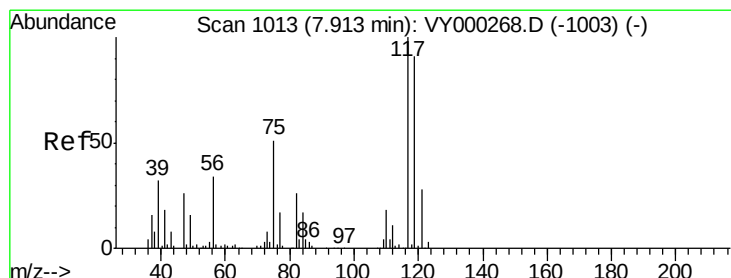
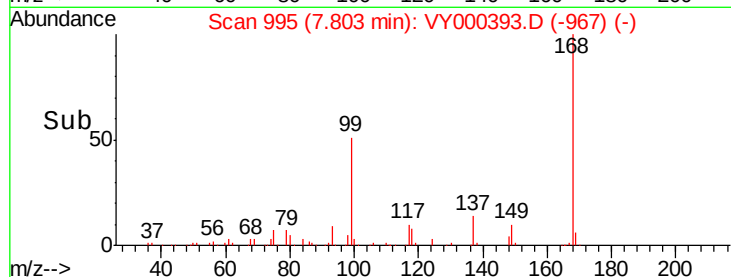
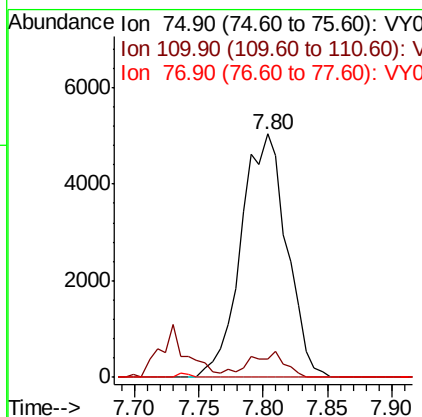
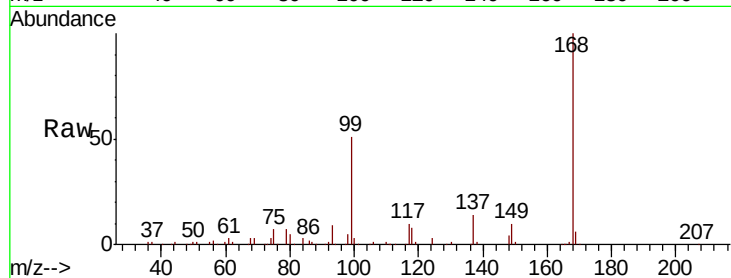




#36
 1,1-Dichloropropene
 Concen: 4.893 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.13 min
 Lab File: VY000393.D
 Acq: 23 Oct 2019 19:51

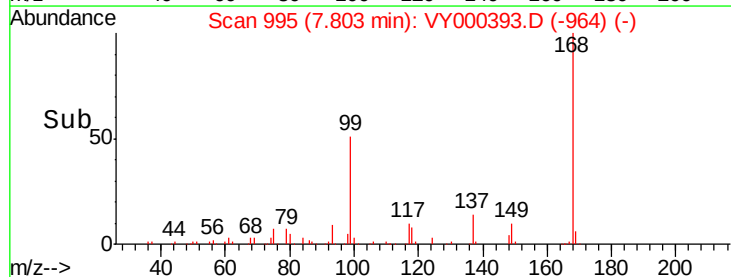
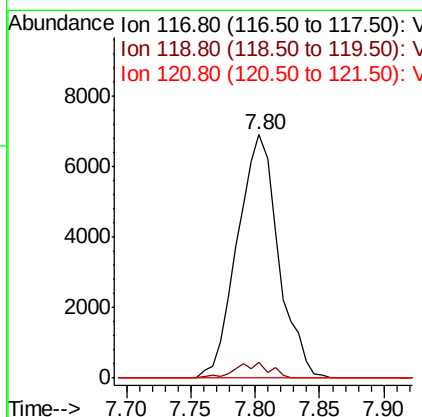
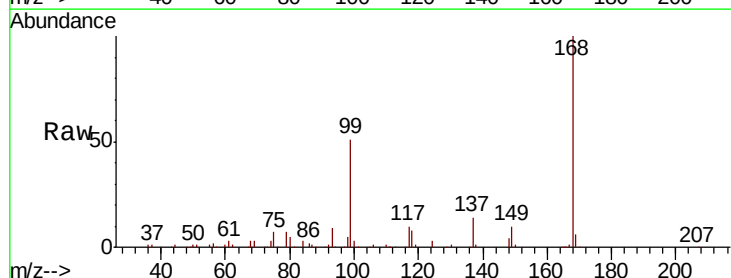
Instrument :
 MSVOA_Y
 ClientSampleId :

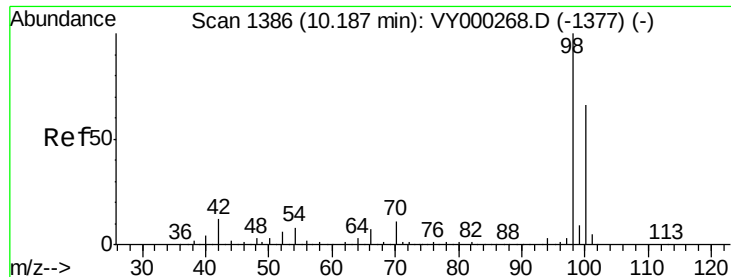
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.2	18.4	55.4#
77	0.0	25.0	37.6#



#38
 Carbon Tetrachloride
 Concen: 6.248 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.11 min
 Lab File: VY000393.D
 Acq: 23 Oct 2019 19:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.5	72.8	109.2#
121	0.0	22.2	33.2#





#50

Toluene-d8

Concen: 48.068 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY000393.D

Acq: 23 Oct 2019 19:51

Instrument :

MSVOA_Y

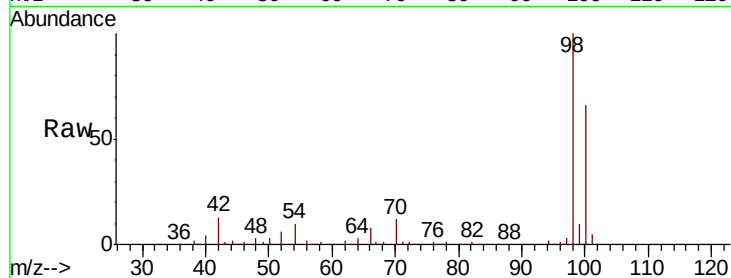
ClientSampleId :

Tot Ion: 98 Resp: 287931

Ion Ratio Lower Upper

98 100

100 66.4 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

10.18

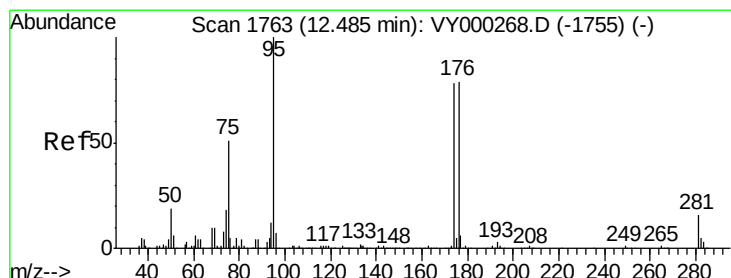
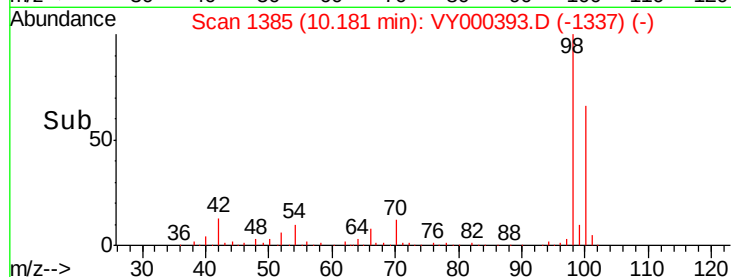
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 36.941 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY000393.D

Acq: 23 Oct 2019 19:51

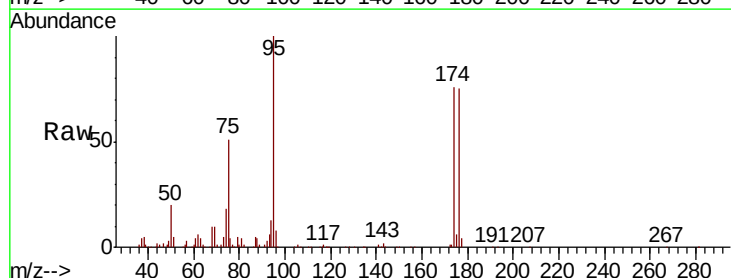
Tgt Ion: 95 Resp: 84066

Ion Ratio Lower Upper

95 100

174 80.7 0.0 159.6

176 78.1 0.0 153.8



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

12.48

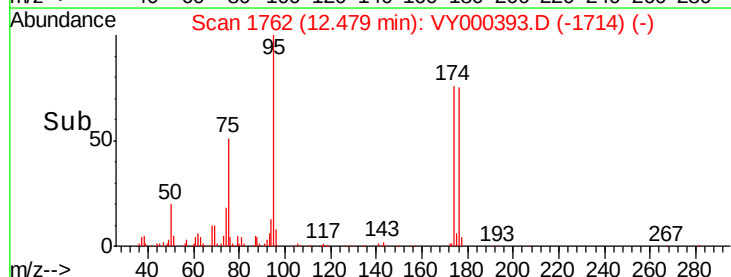
60000

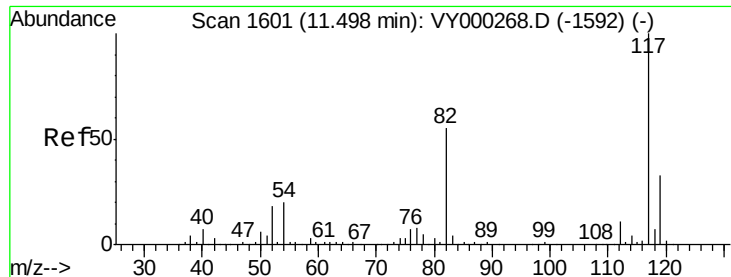
40000

20000

0

Time-->

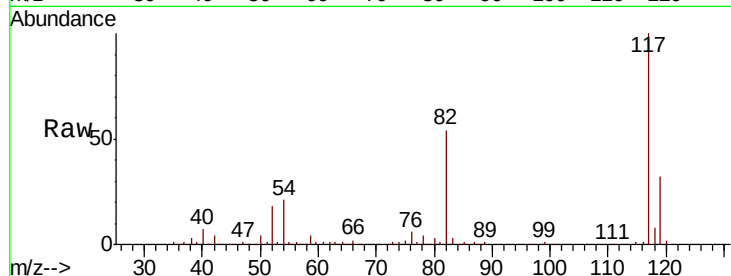




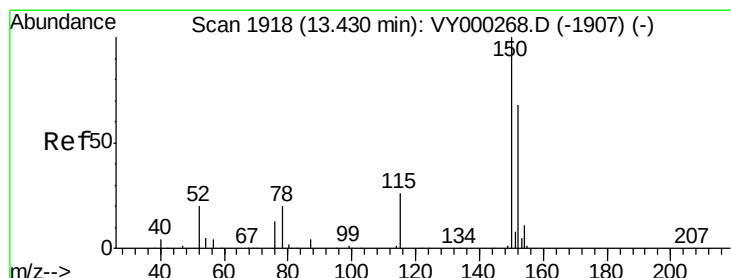
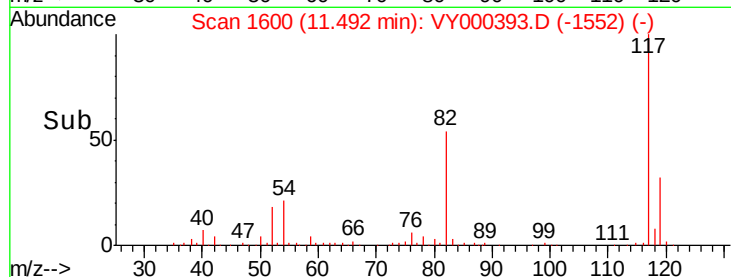
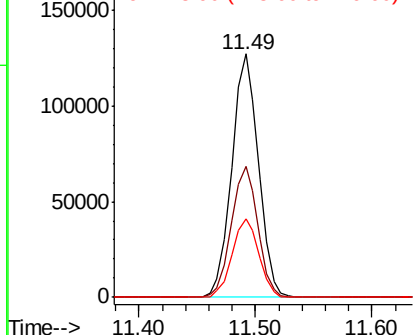
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000393.D
Acq: 23 Oct 2019 19:51

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 202712
Ion Ratio Lower Upper
117 100
82 54.0 43.7 65.5
119 32.3 26.6 39.8

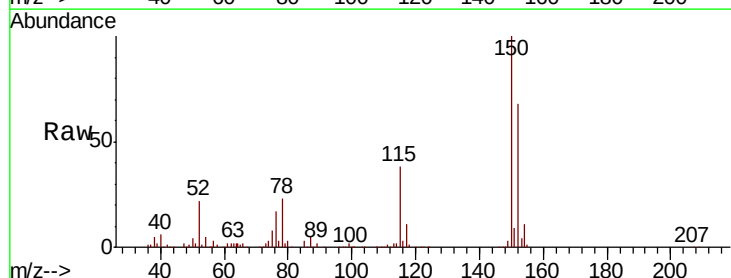


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

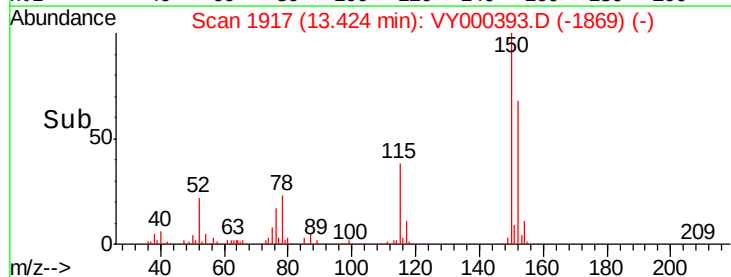
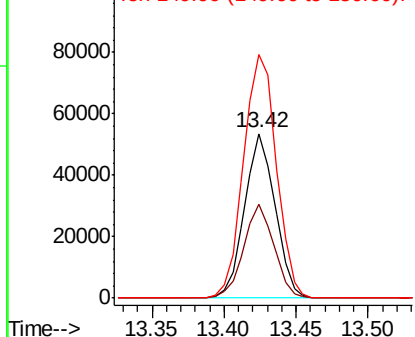


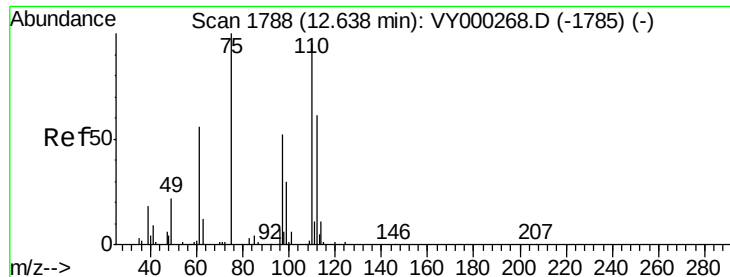
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000393.D
Acq: 23 Oct 2019 19:51

Tgt Ion:152 Resp: 78559
Ion Ratio Lower Upper
152 100
115 56.4 29.3 88.0
150 158.9 0.0 348.4



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: 45.383 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.16 min

Lab File: VY000393.D

Acq: 23 Oct 2019 19:51

Instrument :

MSVOA_Y

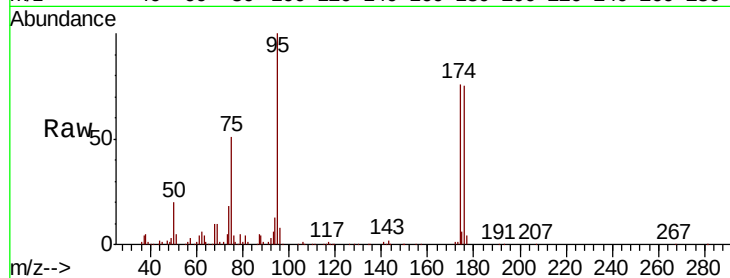
ClientSampleId :

Tot Ion: 75 Resp: 43840

Ion Ratio Lower Upper

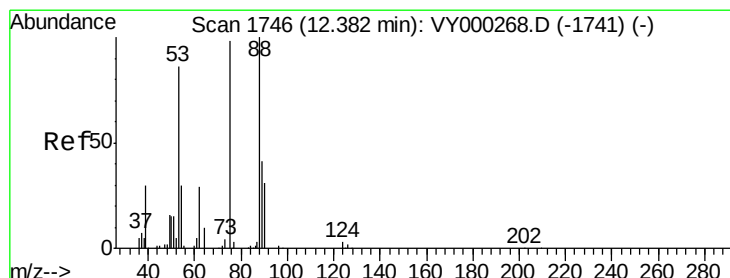
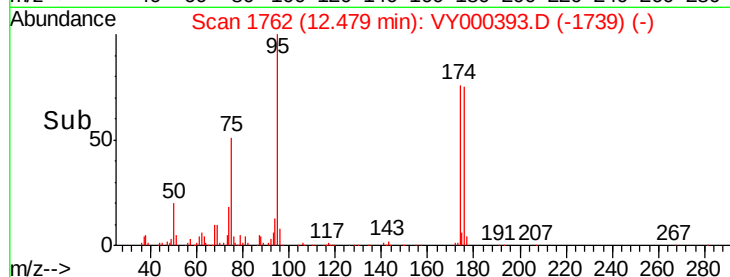
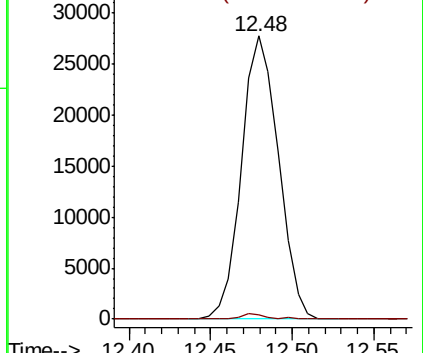
75 100

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: 99.296 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000393.D

Acq: 23 Oct 2019 19:51

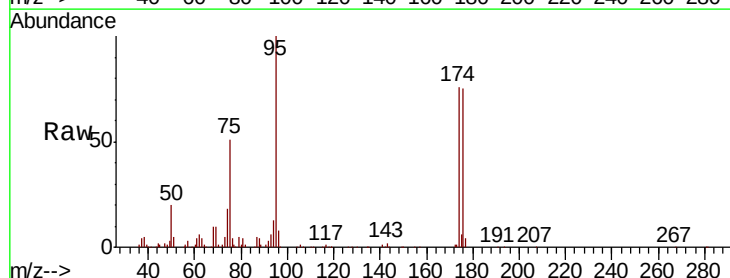
Tgt Ion: 75 Resp: 43840

Ion Ratio Lower Upper

75 100

53 0.0 71.3 106.9#

89 0.4 35.1 52.7#



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

