

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021720\
 Data File : VY001659.D
 Acq On : 17 Feb 2020 20:04
 Operator : SY/MD
 Sample : L1546-22
 Misc : 6.88G/5ML/MSVOA Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 18 00:38:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 2020
 Response via : Initial Calibration

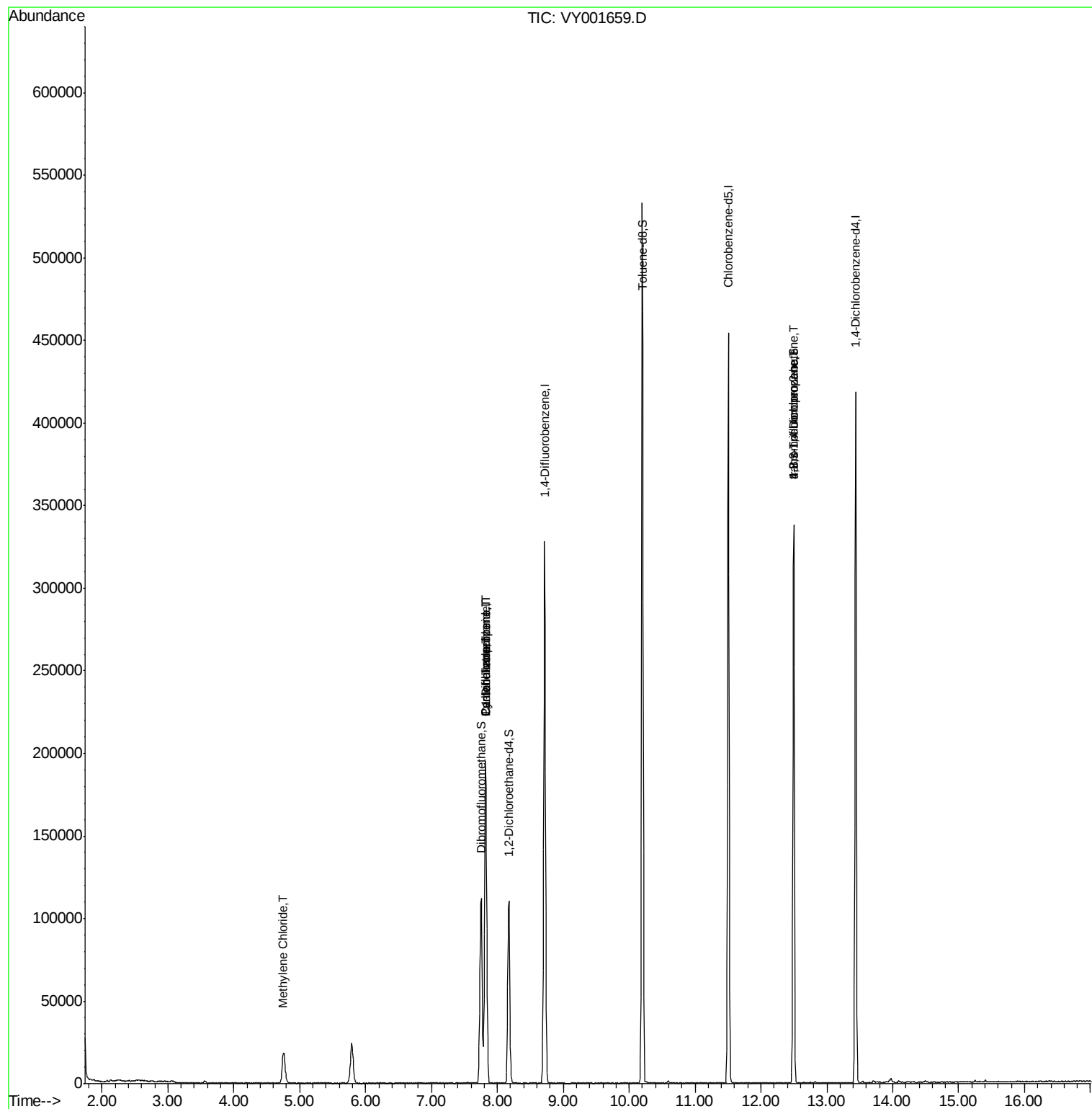
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	148281	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.72	114	280624	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	244816	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	102840	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	84432	52.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.88%	
35) Dibromofluoromethane	7.75	113	79396	49.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.80%	
50) Toluene-d8	10.20	98	338611	53.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.54%	
62) 4-Bromofluorobenzene	12.50	95	108331	44.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.56%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.75	84	14308	7.299	ug/l	95
31) Cyclohexane	7.82	56	3425	1.022	ug/l #	1
36) 1,1-Dichloropropene	7.82	75	12432	4.638	ug/l #	50
38) Carbon Tetrachloride	7.82	117	15008	6.374	ug/l #	16
76) 1,2,3-Trichloropropane	12.50	75	55560	47.096	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.50	75	55560	89.350	ug/l #	17

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY001659.D

Acq: 17 Feb 2020 20:04

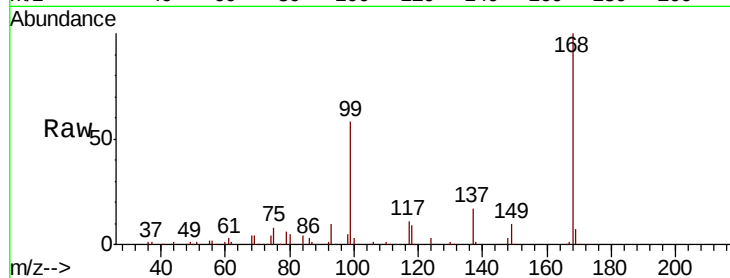
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 148281

Ion Ratio Lower Upper

168 100

99 58.1 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001638.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY001638.D (-987) (-)

7.82

60000

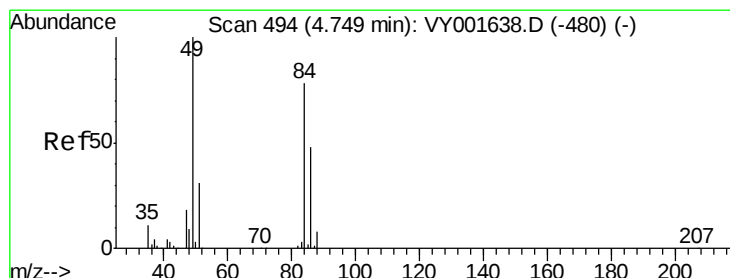
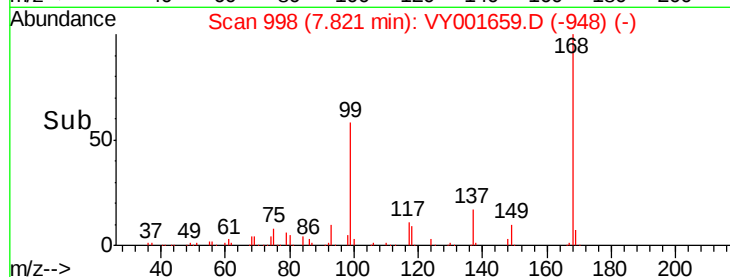
40000

20000

0

7.70 7.80 7.90

Time-->



#20

Methylene Chloride

Concen: 7.299 ug/l

RT: 4.75 min Scan# 495

Delta R.T. 0.01 min

Lab File: VY001659.D

Acq: 17 Feb 2020 20:04

Tgt Ion: 84 Resp: 14308

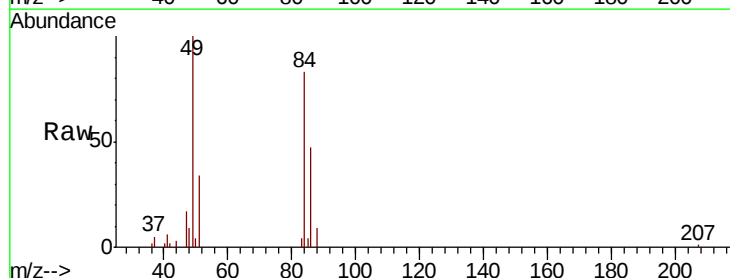
Ion Ratio Lower Upper

84 100

49 119.8 99.2 148.8

51 40.5 31.5 47.3

86 55.9 51.0 76.6



Abundance Ion 83.90 (83.60 to 84.60): VY001638.D (-480) (-)

Ion 48.90 (48.60 to 49.60): VY001638.D (-480) (-)

Ion 50.90 (50.60 to 51.60): VY001638.D (-480) (-)

Ion 85.90 (85.60 to 86.60): VY001638.D (-480) (-)

8000

6000

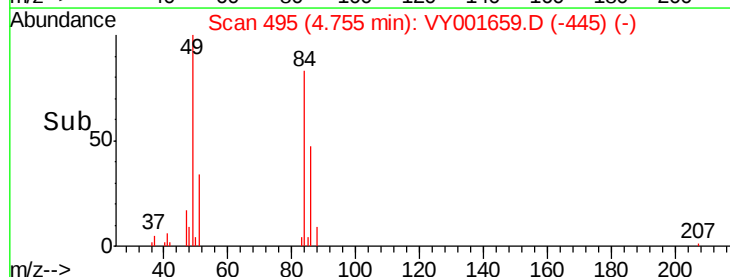
4000

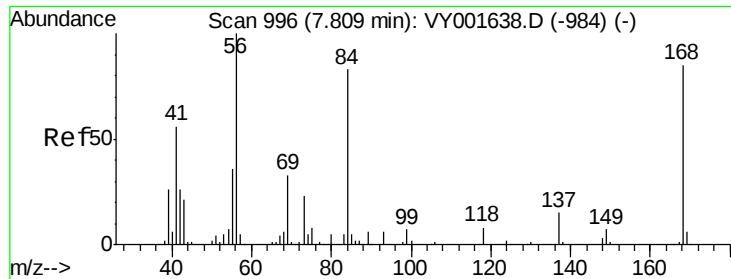
2000

0

4.60 4.70 4.80 4.90

Time-->

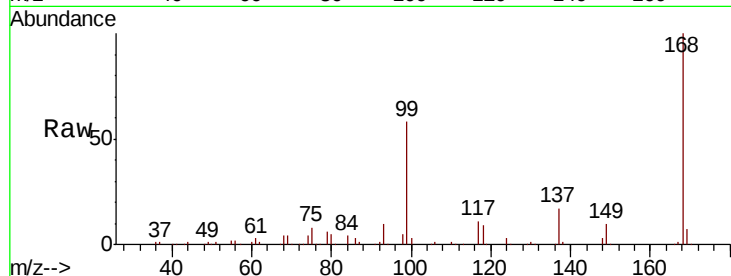




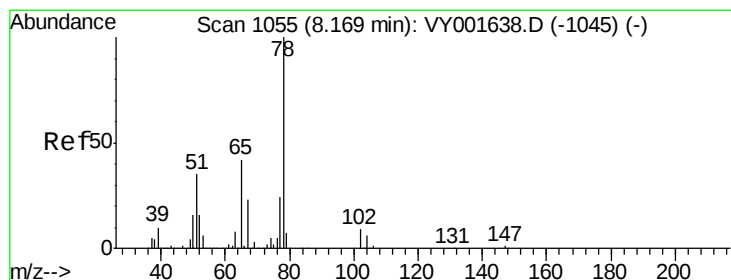
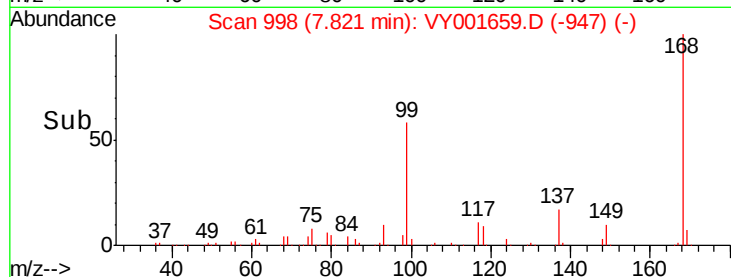
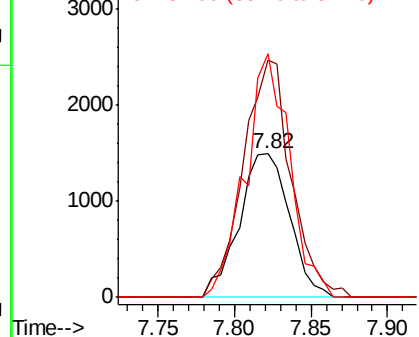
#31
Cyclohexane
Concen: 1.022 ug/l
RT: 7.82 min Scan# 998
Delta R.T. 0.01 min
Lab File: VY001659.D
Acq: 17 Feb 2020 20:04

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 3425
Ion Ratio Lower Upper
56 100
69 165.7 25.1 37.7#
84 169.8 66.9 100.3#

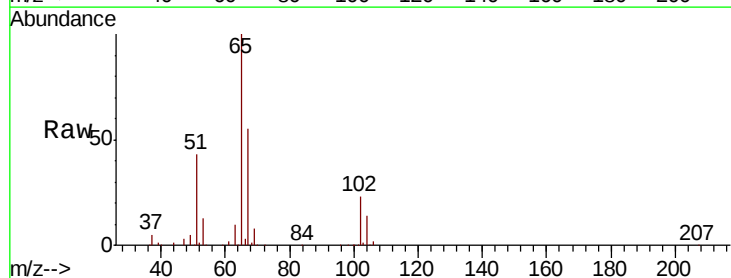


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

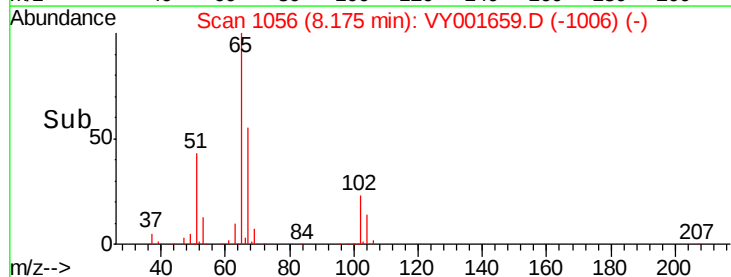
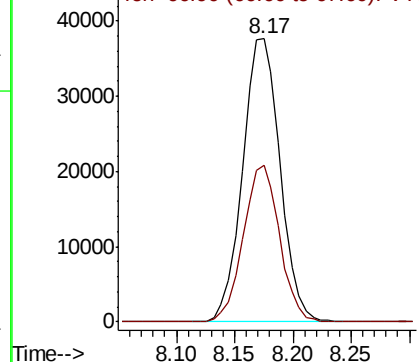


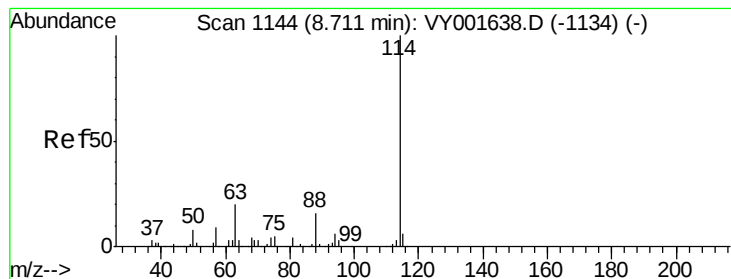
#33
1,2-Dichloroethane-d4
Concen: 52.936 ug/l
RT: 8.17 min Scan# 1056
Delta R.T. 0.01 min
Lab File: VY001659.D
Acq: 17 Feb 2020 20:04

Tgt Ion: 65 Resp: 84432
Ion Ratio Lower Upper
65 100
67 53.5 0.0 111.0



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: 8.72 min Scan# 1145

Delta R.T. 0.01 min

Lab File: VY001659.D

Acq: 17 Feb 2020 20:04

Instrument :

MSVOA_Y

ClientSampleId :

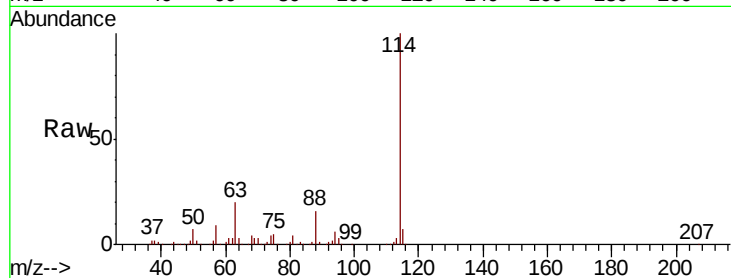
Tot Ion:114 Resp: 280624

Ion Ratio Lower Upper

114 100

63 20.1 0.0 41.4

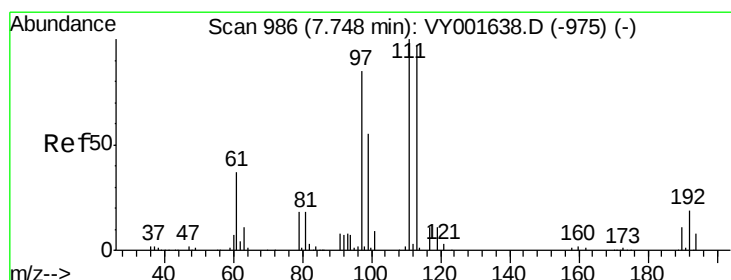
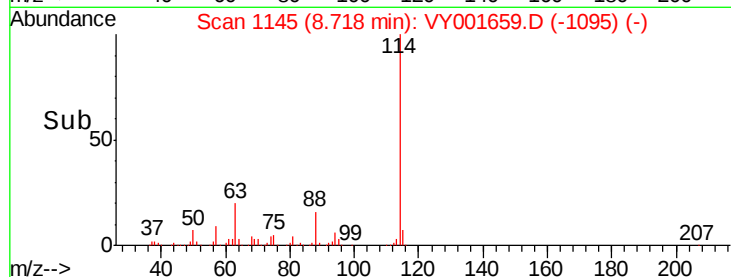
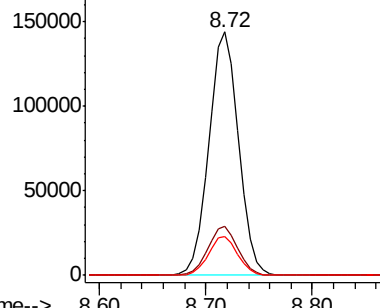
88 16.0 0.0 32.8



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: 49.397 ug/l

RT: 7.75 min Scan# 987

Delta R.T. 0.01 min

Lab File: VY001659.D

Acq: 17 Feb 2020 20:04

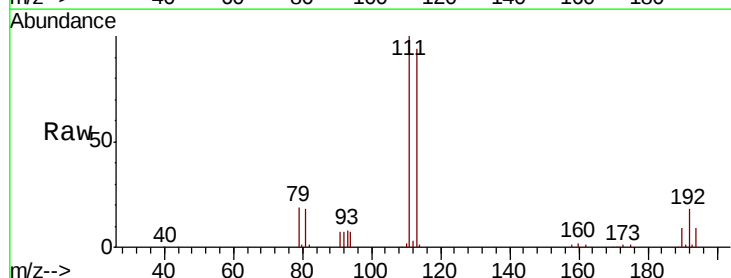
Tgt Ion:113 Resp: 79396

Ion Ratio Lower Upper

113 100

111 105.5 81.9 122.9

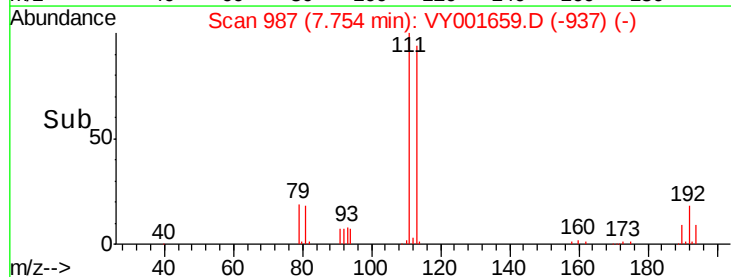
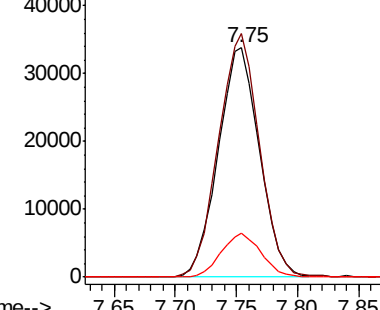
192 18.4 14.3 21.5

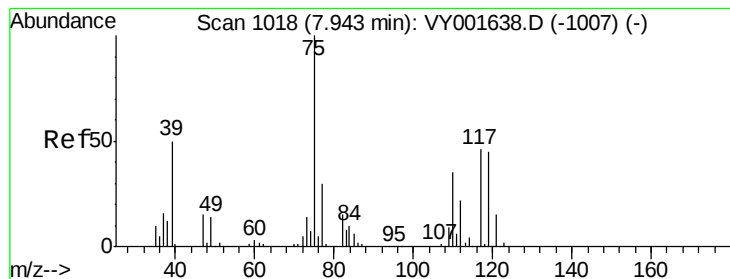


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.638 ug/l

RT: 7.82 min Scan# 997

Delta R.T. -0.13 min

Lab File: VY001659.D

Acq: 17 Feb 2020 20:04

Instrument :

MSVOA_Y

ClientSampleId :

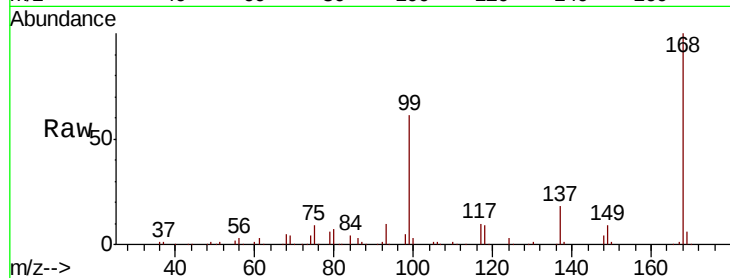
Tot Ion: 75 Resp: 12432

Ion Ratio Lower Upper

75 100

110 8.4 17.2 51.6#

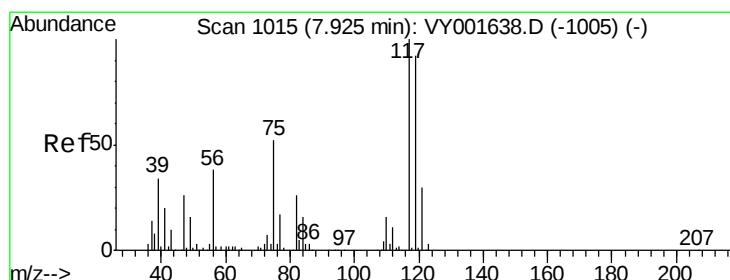
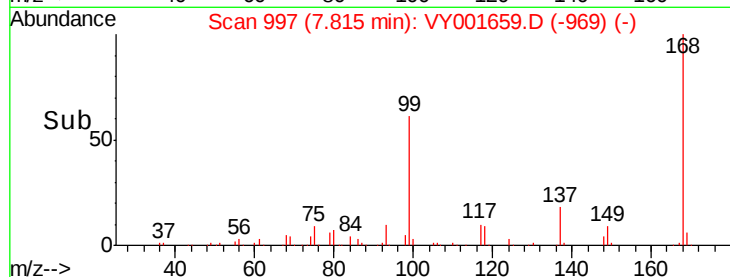
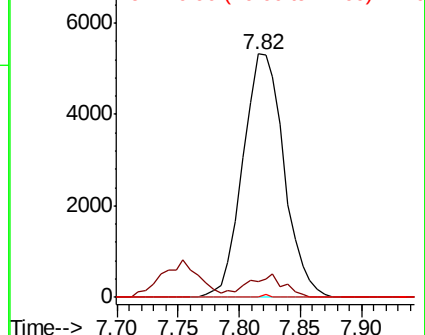
77 0.2 24.8 37.2#



Abundance Ion 74.90 (74.60 to 75.60): VY001638.D (-1007) (-)

Ion 109.90 (109.60 to 110.60): VY001638.D (-1007) (-)

Ion 76.90 (76.60 to 77.60): VY001638.D (-1007) (-)



#38

Carbon Tetrachloride

Concen: 6.374 ug/l

RT: 7.82 min Scan# 998

Delta R.T. -0.10 min

Lab File: VY001659.D

Acq: 17 Feb 2020 20:04

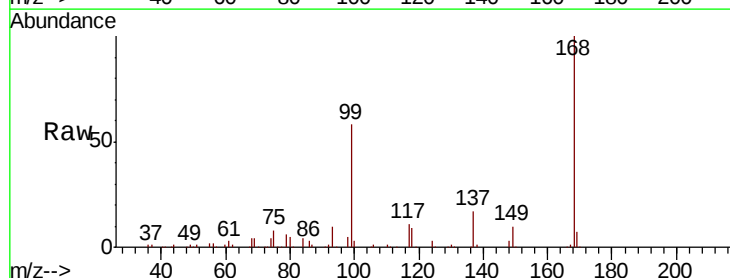
Tgt Ion: 117 Resp: 15008

Ion Ratio Lower Upper

117 100

119 3.5 74.8 112.2#

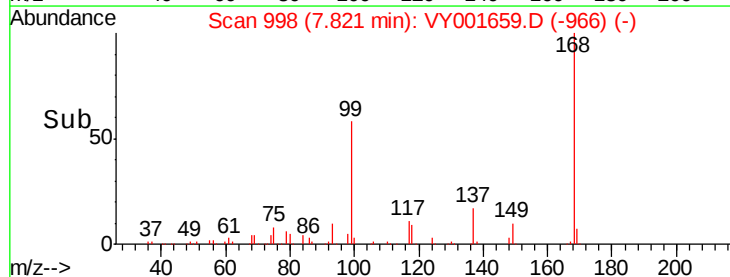
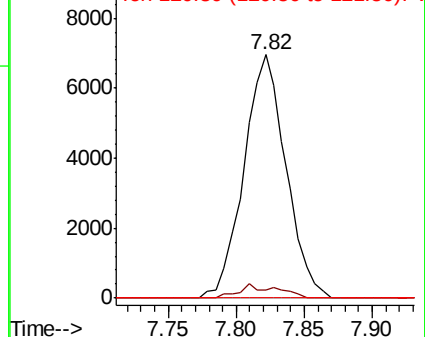
121 0.0 23.8 35.6#

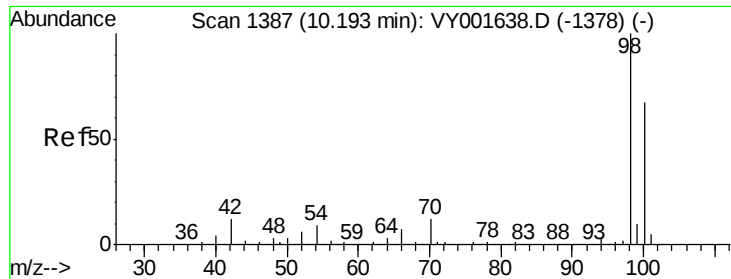


Abundance Ion 116.80 (116.50 to 117.50): VY001638.D (-1005) (-)

Ion 118.80 (118.50 to 119.50): VY001638.D (-1005) (-)

Ion 120.80 (120.50 to 121.50): VY001638.D (-1005) (-)





#50

Toluene-d8

Concen: 53.774 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY001659.D

Acq: 17 Feb 2020 20:04

Instrument :

MSVOA_Y

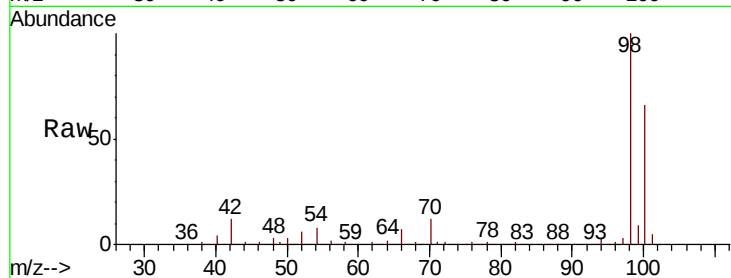
ClientSampleId :

Tot Ion: 98 Resp: 338611

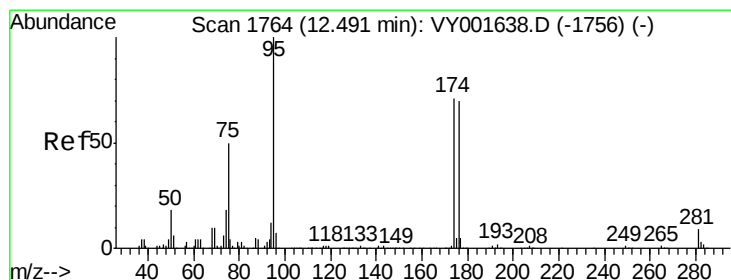
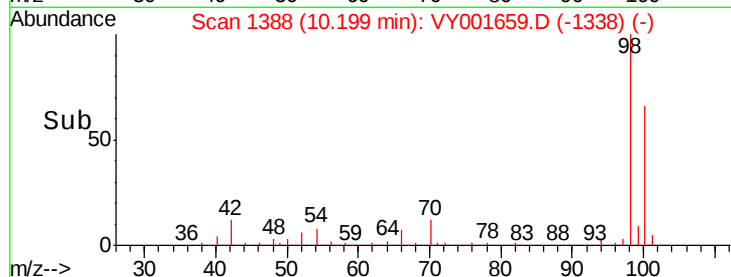
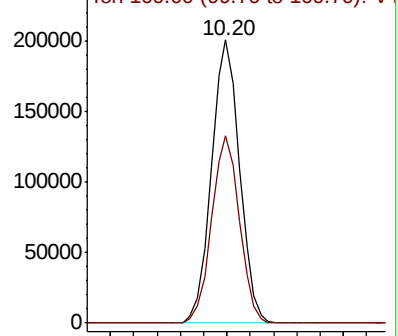
Ion Ratio Lower Upper

98 100

100 65.6 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY001638.D (-1378) (-)



#62

4-Bromofluorobenzene

Concen: 44.284 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. 0.01 min

Lab File: VY001659.D

Acq: 17 Feb 2020 20:04

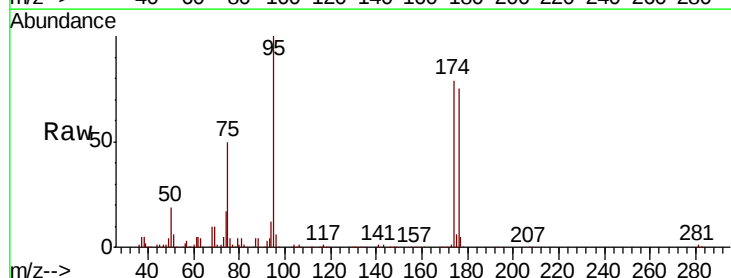
Tgt Ion: 95 Resp: 108331

Ion Ratio Lower Upper

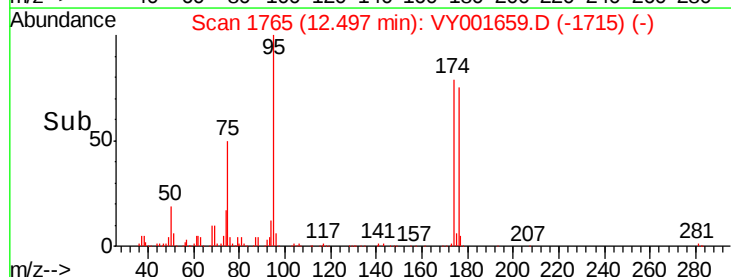
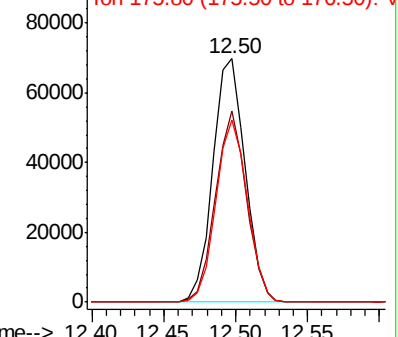
95 100

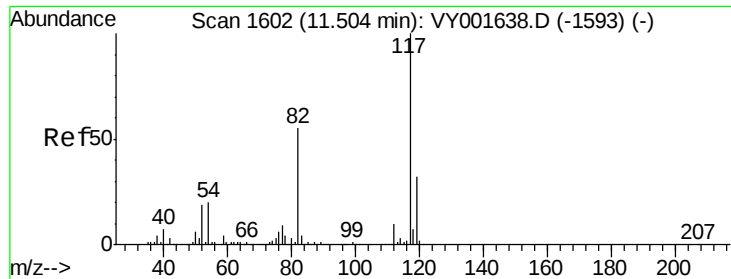
174 75.1 0.0 138.4

176 72.5 0.0 131.8



Abundance Ion 94.90 (94.60 to 95.60): VY001638.D (-1756) (-)

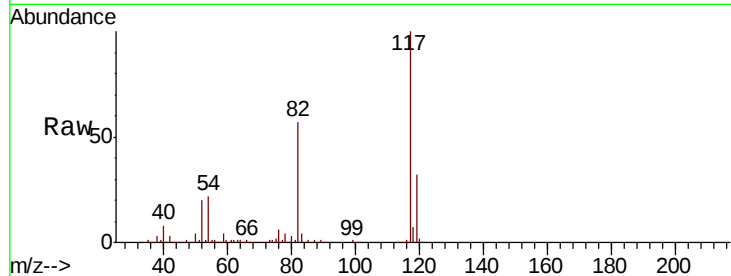




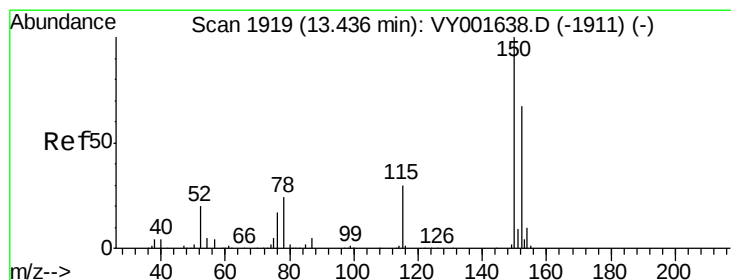
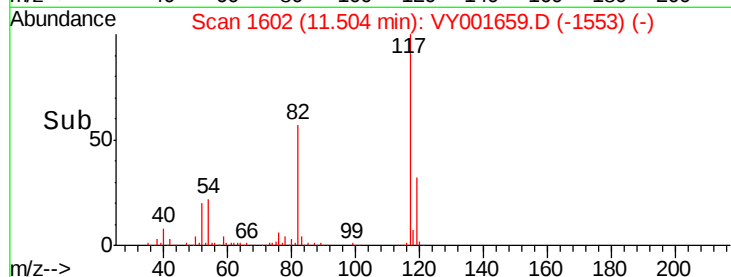
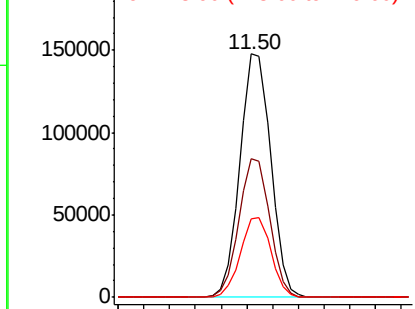
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY001659.D
Acq: 17 Feb 2020 20:04

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.2	45.5	68.3
119	32.2	25.8	38.6

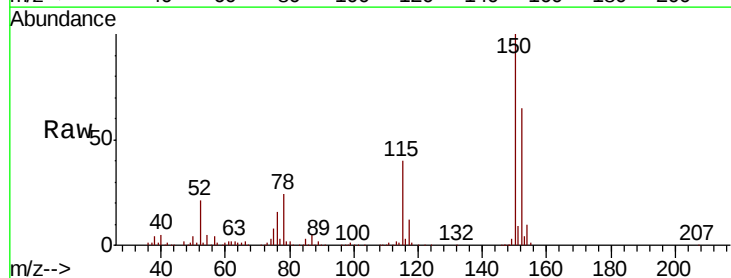


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

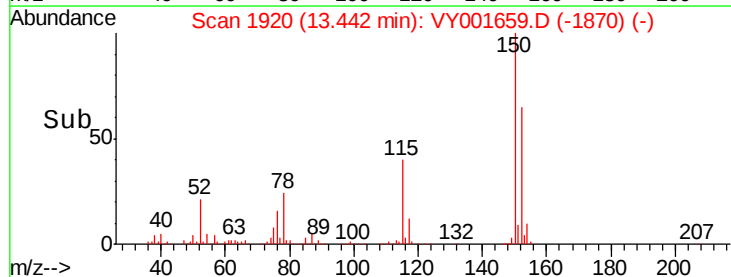
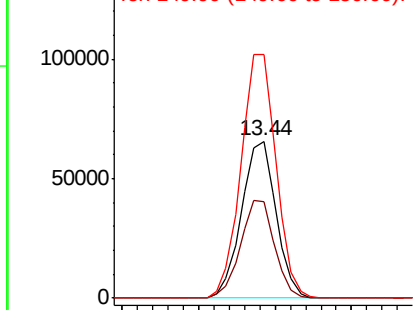


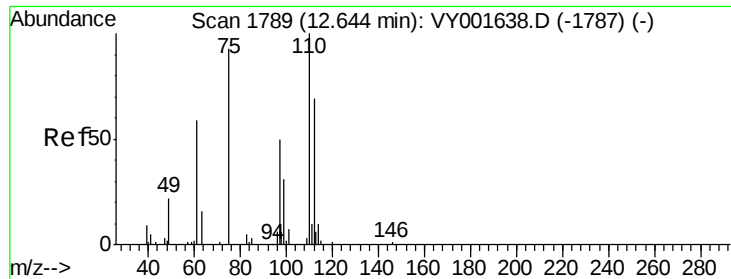
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1920
Delta R.T. 0.01 min
Lab File: VY001659.D
Acq: 17 Feb 2020 20:04

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.2	31.4	94.2
150	157.7	0.0	407.2



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

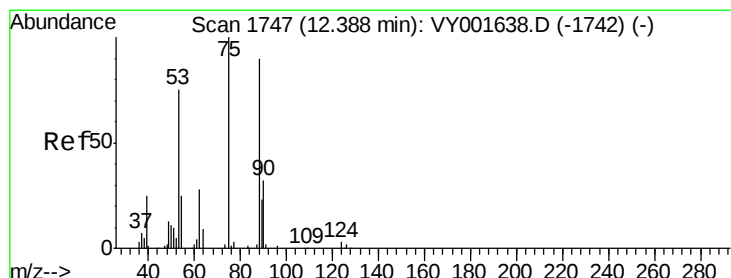
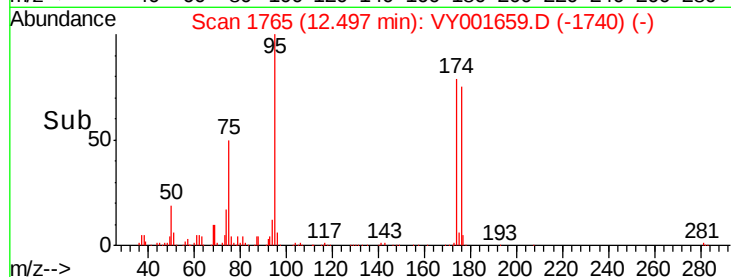
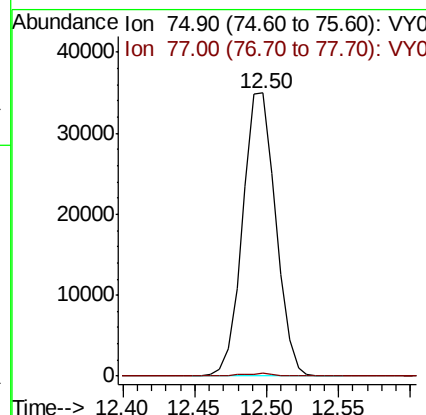
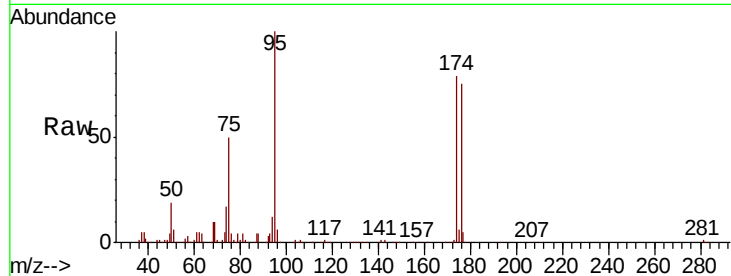




#76
 1,2,3-Trichloropropane
 Concen: 47.096 ug/l
 RT: 12.50 min Scan# 1765
 Delta R.T. -0.15 min
 Lab File: VY001659.D
 Acq: 17 Feb 2020 20:04

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 75 Resp: 55560
 Ion Ratio Lower Upper
 75 100
 77 1.0 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 89.350 ug/l
 RT: 12.50 min Scan# 1765
 Delta R.T. 0.11 min
 Lab File: VY001659.D
 Acq: 17 Feb 2020 20:04

Tgt Ion: 75 Resp: 55560
 Ion Ratio Lower Upper
 75 100
 53 0.0 64.5 96.7#
 89 0.0 36.3 54.5#

