

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY022120\
 Data File : VY001750.D
 Acq On : 21 Feb 2020 18:02
 Operator : SY/MD
 Sample : L1635-20
 Misc : 6.13G/5ML/MSVOA Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 22 03:44:28 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

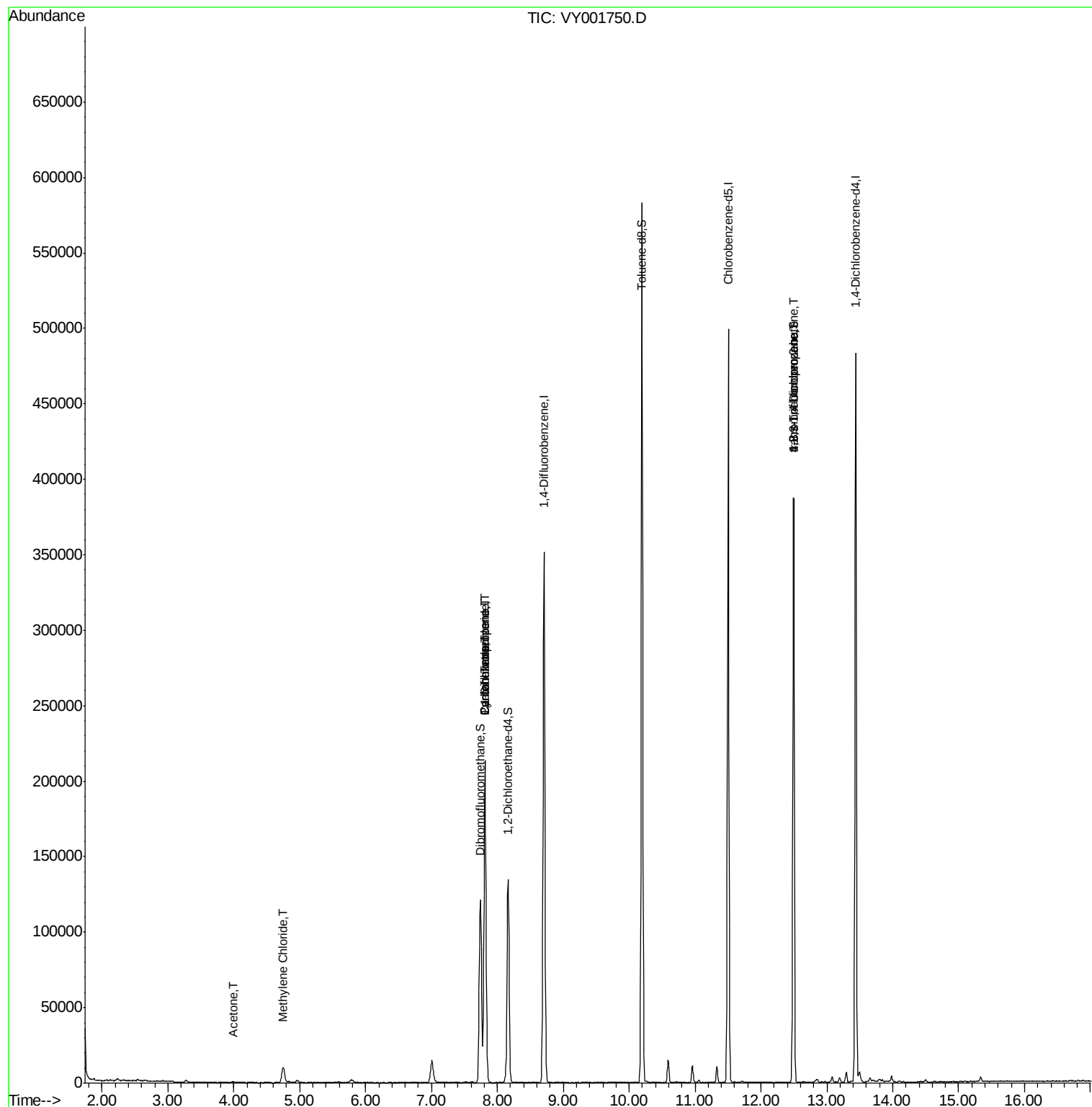
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	158986	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	298027	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	270571	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	120270	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	99475	58.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.34%	
35) Dibromofluoromethane	7.74	113	86257	50.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.06%	
50) Toluene-d8	10.19	98	362557	54.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.44%	
62) 4-Bromofluorobenzene	12.49	95	122295	47.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.14%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.96	59	1721	Below Cal	#	74
16) Acetone	3.99	43	1150	1.943	ug/l	99
20) Methylene Chloride	4.75	84	7239	3.444	ug/l #	91
31) Cyclohexane	7.81	56	3605	1.003	ug/l #	1
36) 1,1-Dichloropropene	7.82	75	13914	4.888	ug/l #	49
38) Carbon Tetrachloride	7.82	117	16304	6.520	ug/l #	17
76) 1,2,3-Trichloropropane	12.49	75	62315	45.167	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	62315	85.690	ug/l #	17

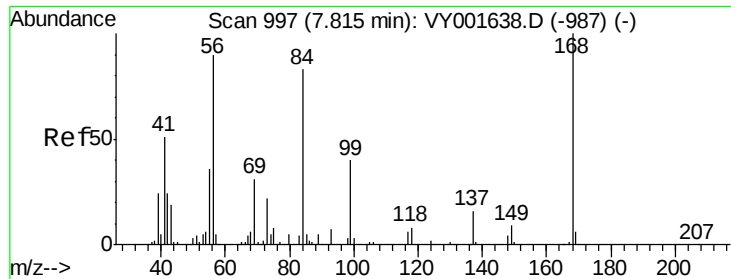
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY022120\
Data File : VY001750.D
Acq On : 21 Feb 2020 18:02
Operator : SY/MD
Sample : L1635-20
Misc : 6.13G/5ML/MSVOA Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Feb 22 03:44:28 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 17 12:19:53 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.00 min

Lab File: VY001750.D

Acq: 21 Feb 2020 18:02

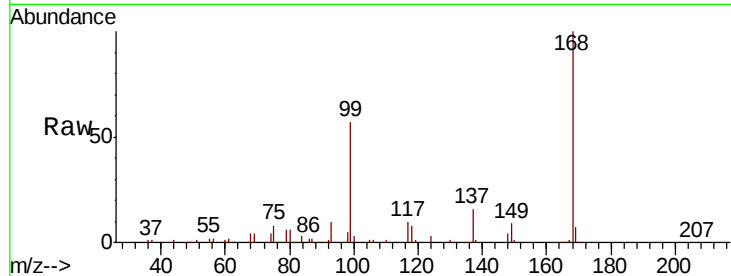
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 158986

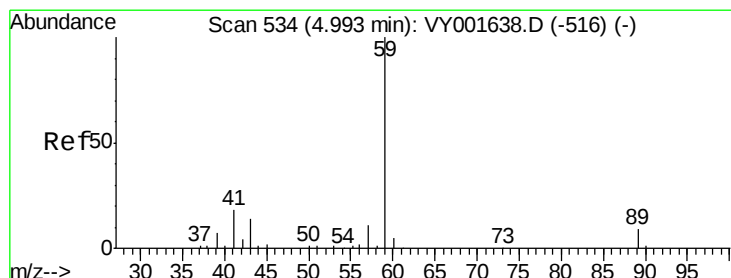
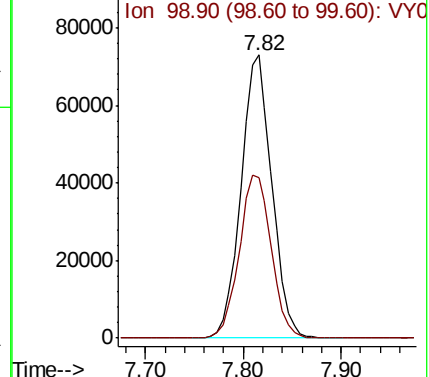
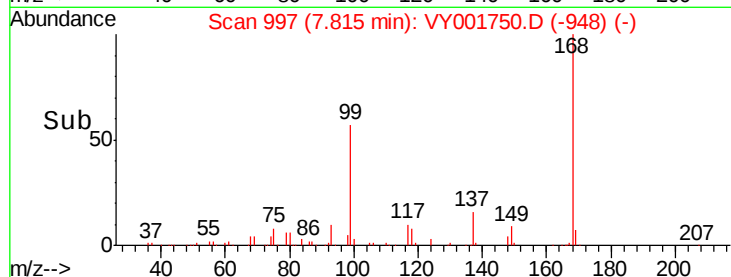
Ion Ratio Lower Upper

168 100

99 56.5 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001750.D (-948) (-)



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.96 min Scan# 528

Delta R.T. -0.04 min

Lab File: VY001750.D

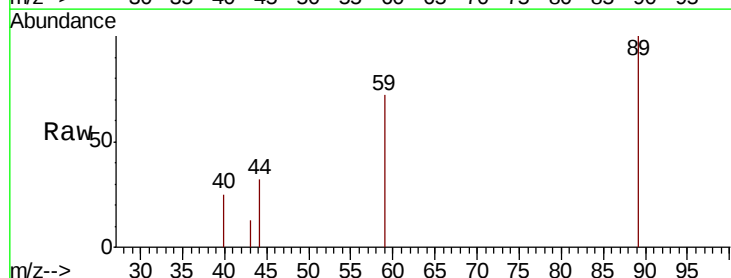
Acq: 21 Feb 2020 18:02

Tgt Ion: 59 Resp: 1721

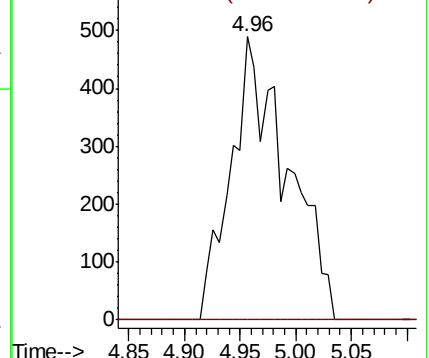
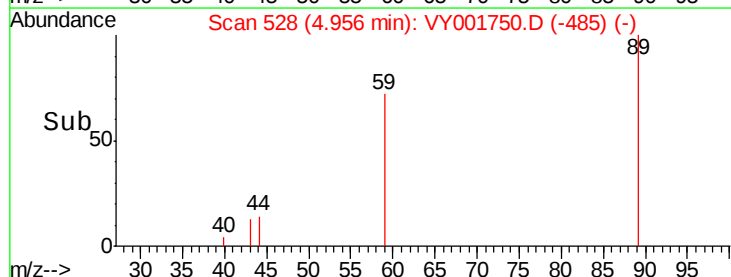
Ion Ratio Lower Upper

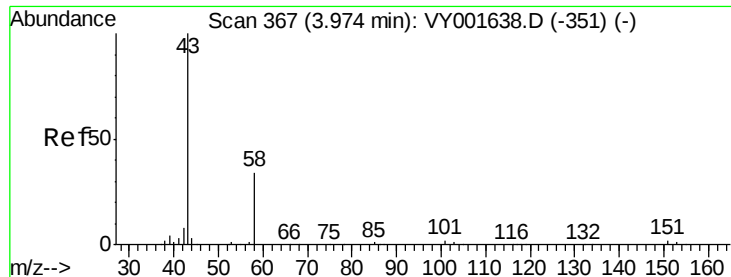
59 100

57 0.0 7.4 11.2#



Abundance Ion 59.00 (58.70 to 59.70): VY001750.D (-485) (-)





#16

Acetone

Concen: 1.943 ug/l

RT: 3.99 min Scan# 370

Delta R.T. 0.02 min

Lab File: VY001750.D

Acq: 21 Feb 2020 18:02

Instrument :

MSVOA_Y

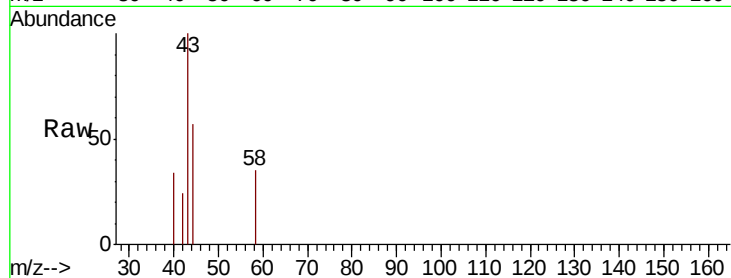
ClientSampled :

Tot Ion: 43 Resp: 1150

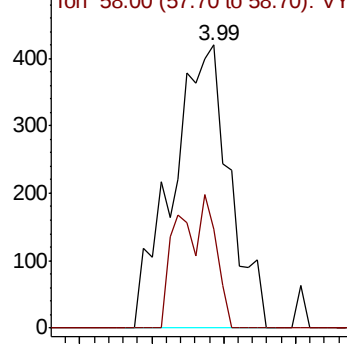
Ion Ratio Lower Upper

43 100

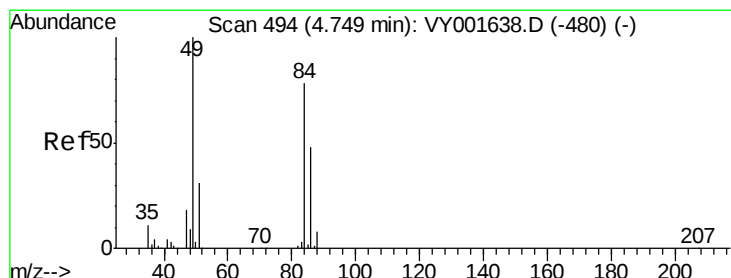
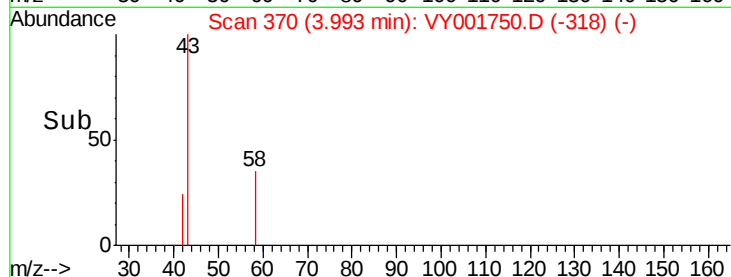
58 34.8 27.3 40.9



Abundance Ion 43.00 (42.70 to 43.70): VY001638.D (-351) (-)



Time-->



#20

Methylene Chloride

Concen: 3.444 ug/l

RT: 4.75 min Scan# 494

Delta R.T. 0.00 min

Lab File: VY001750.D

Acq: 21 Feb 2020 18:02

Tgt Ion: 84 Resp: 7239

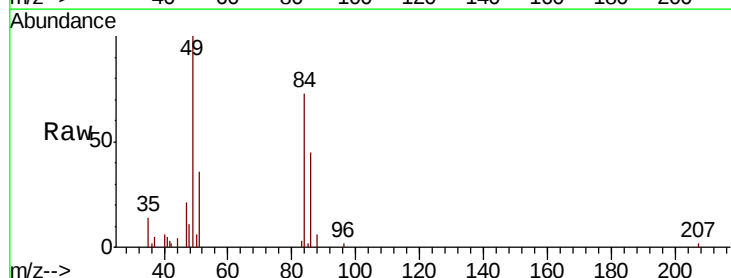
Ion Ratio Lower Upper

84 100

49 136.3 99.2 148.8

51 49.4 31.5 47.3#

86 62.0 51.0 76.6

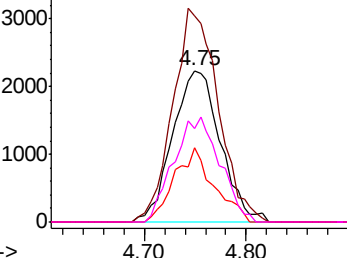


Abundance Ion 83.90 (83.60 to 84.60): VY001638.D (-480) (-)

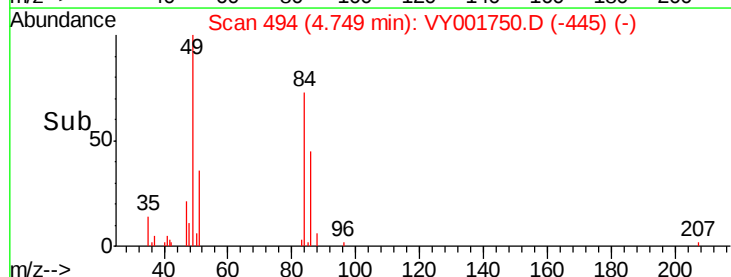
Ion 48.90 (48.60 to 49.60): VY001638.D (-480) (-)

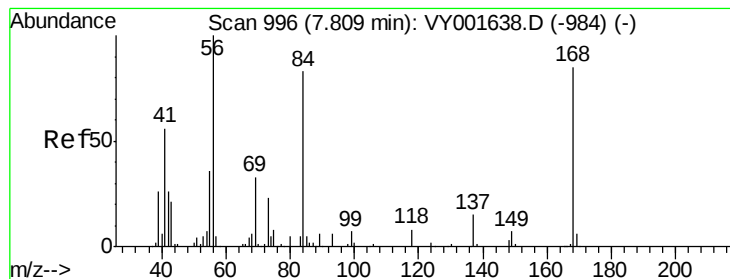
Ion 50.90 (50.60 to 51.60): VY001638.D (-480) (-)

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



Time-->





#31

Cyclohexane

Concen: 1.003 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.00 min

Lab File: VY001750.D

Acq: 21 Feb 2020 18:02

Instrument :
MSVOA_Y
ClientSampleId :

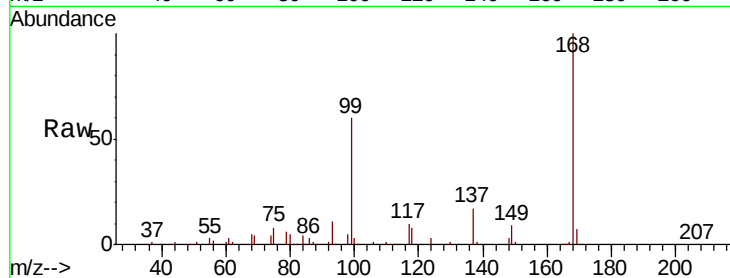
Tot Ion: 56 Resp: 3605

Ion Ratio Lower Upper

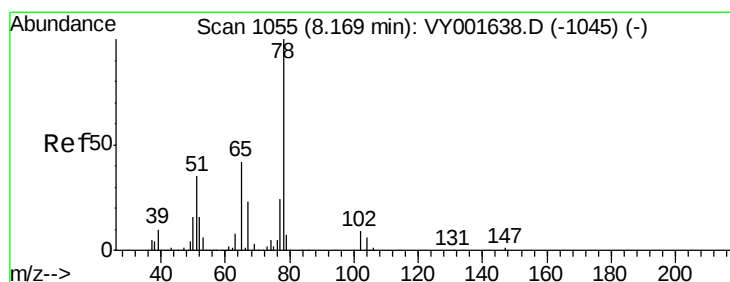
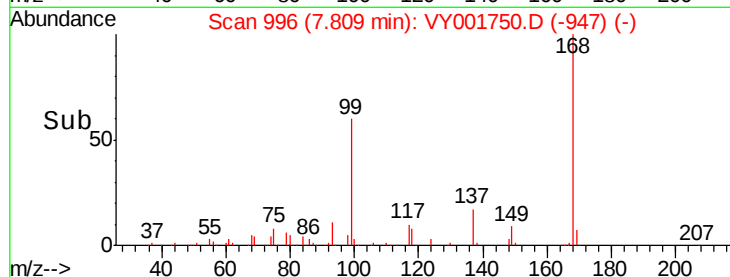
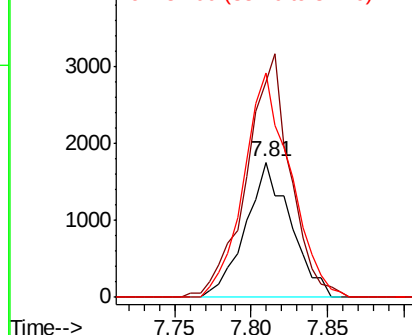
56 100

69 156.4 25.1 37.7#

84 176.9 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: 58.168 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VY001750.D

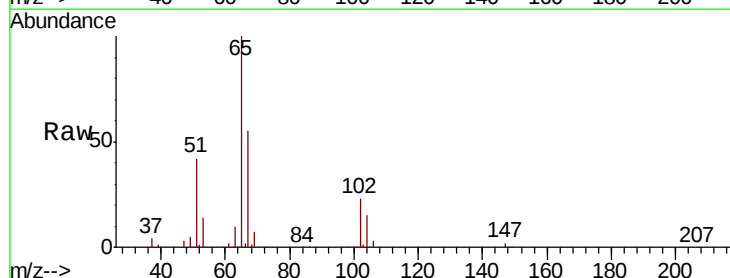
Acq: 21 Feb 2020 18:02

Tgt Ion: 65 Resp: 99475

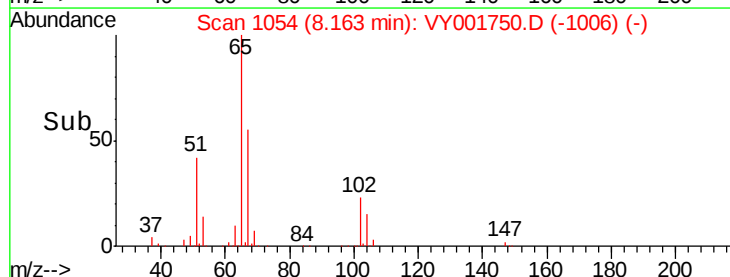
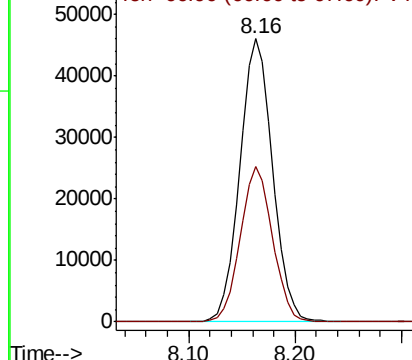
Ion Ratio Lower Upper

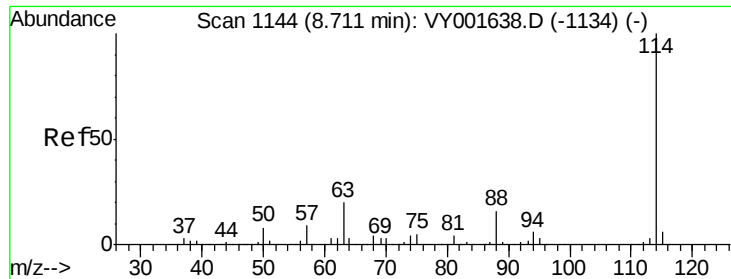
65 100

67 54.0 0.0 111.0



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

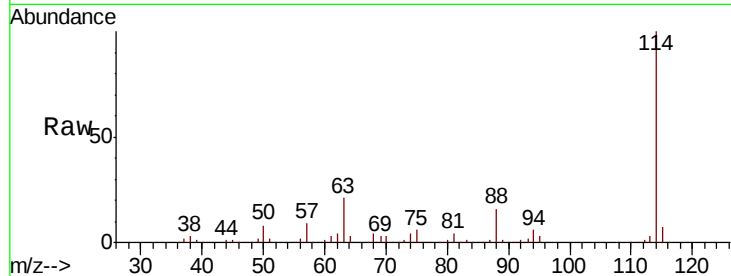




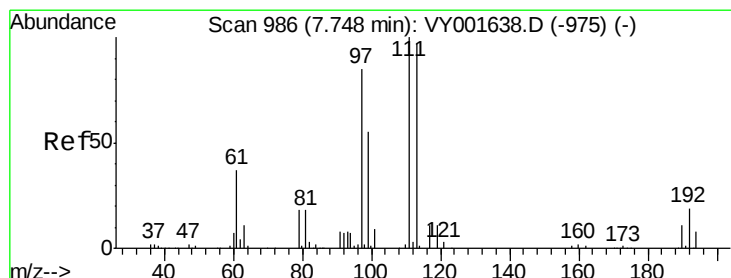
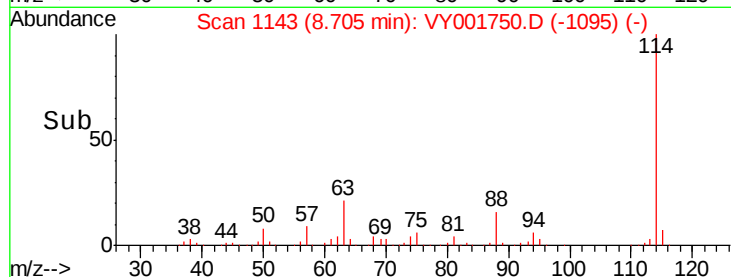
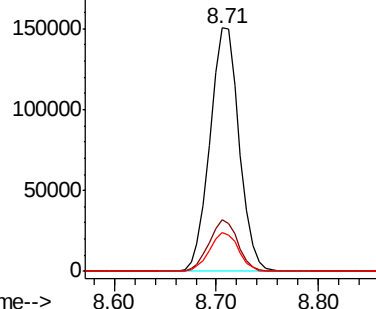
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: VY001750.D
 Acq: 21 Feb 2020 18:02

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	41.4
88	15.9	0.0	32.8

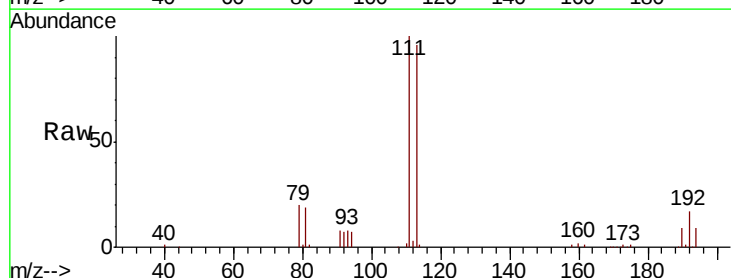


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

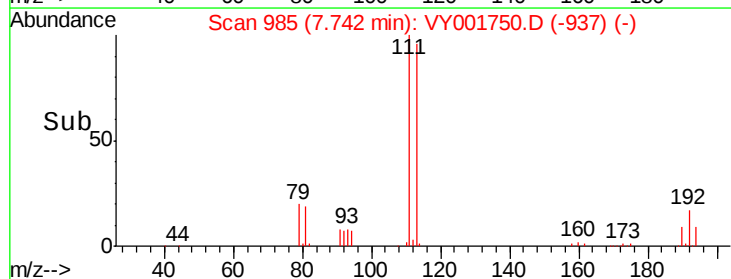
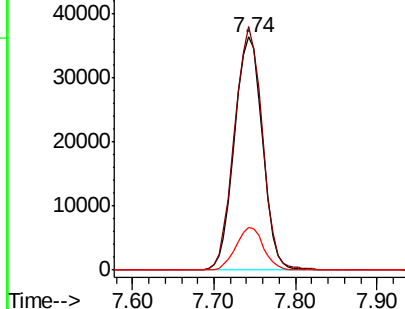


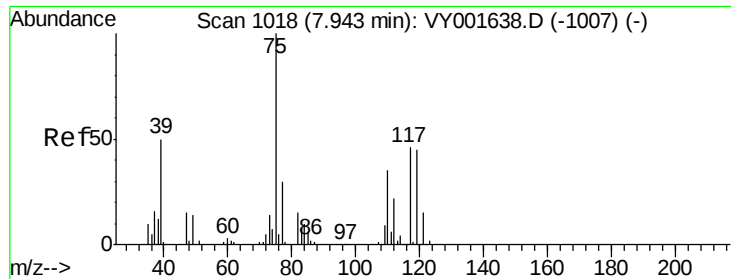
#35
 Dibromofluoromethane
 Concen: 50.532 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: VY001750.D
 Acq: 21 Feb 2020 18:02

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.9	122.9
192	18.0	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

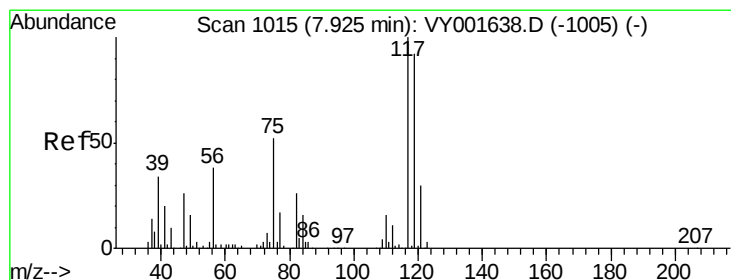
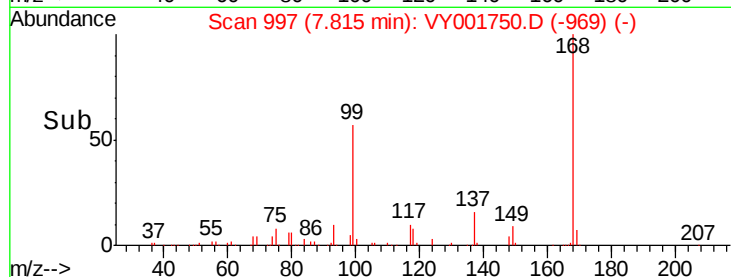
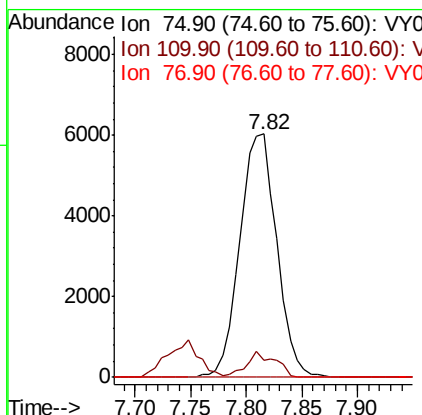
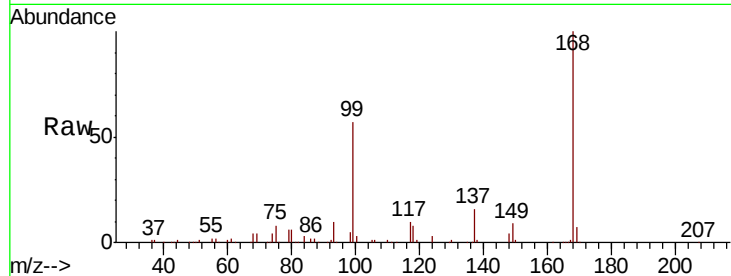




#36
 1,1-Dichloropropene
 Concen: 4.888 ug/l
 RT: 7.82 min Scan# 997
 Delta R.T. -0.13 min
 Lab File: VY001750.D
 Acq: 21 Feb 2020 18:02

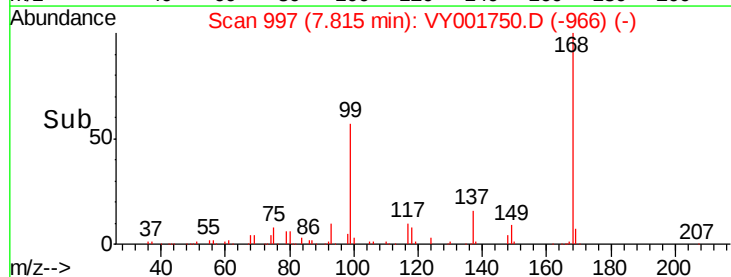
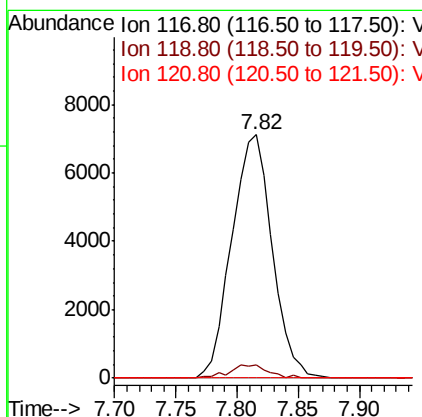
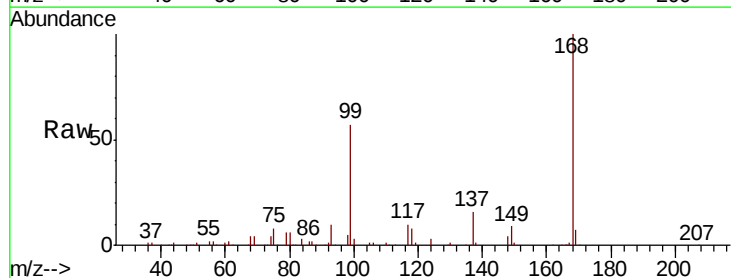
Instrument :
 MSVOA_Y
 ClientSampleId :

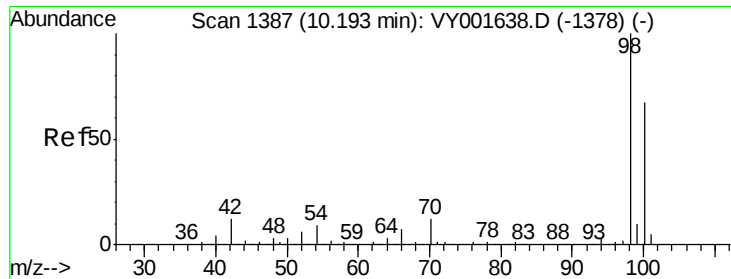
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.4	17.2	51.6#
77	0.0	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 6.520 ug/l
 RT: 7.82 min Scan# 997
 Delta R.T. -0.11 min
 Lab File: VY001750.D
 Acq: 21 Feb 2020 18:02

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.3	74.8	112.2#
121	0.0	23.8	35.6#





#50

Toluene-d8

Concen: 54.215 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VY001750.D

Acq: 21 Feb 2020 18:02

Instrument :

MSVOA_Y

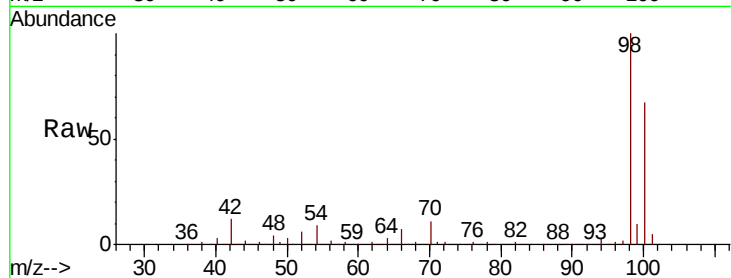
ClientSampleId :

Tot Ion: 98 Resp: 362557

Ion Ratio Lower Upper

98 100

100 66.1 53.0 79.4



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

Ion 100.00 (99.70 to 100.70): VY001750.D (-1338) (-)

10.19

250000

200000

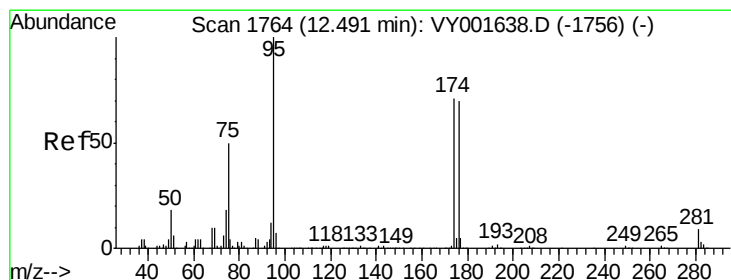
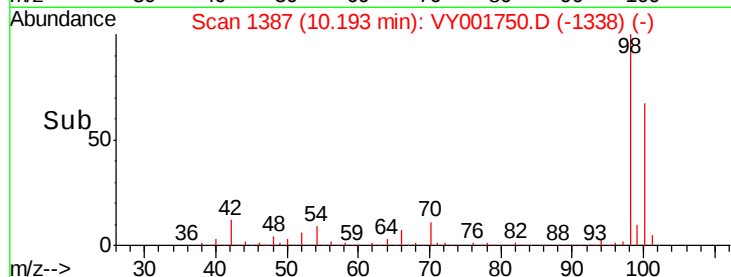
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 47.073 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VY001750.D

Acq: 21 Feb 2020 18:02

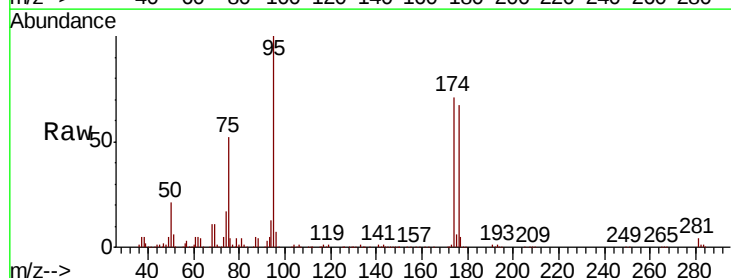
Tgt Ion: 95 Resp: 122295

Ion Ratio Lower Upper

95 100

174 74.3 0.0 138.4

176 71.8 0.0 131.8



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

Ion 173.80 (173.50 to 174.50): VY001750.D (-1715) (-)

Ion 175.80 (175.50 to 176.50): VY001750.D (-1715) (-)

12.49

100000

80000

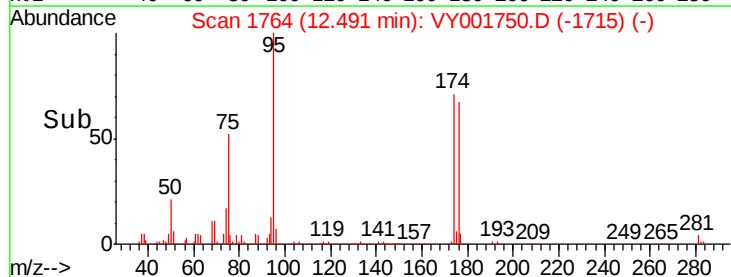
60000

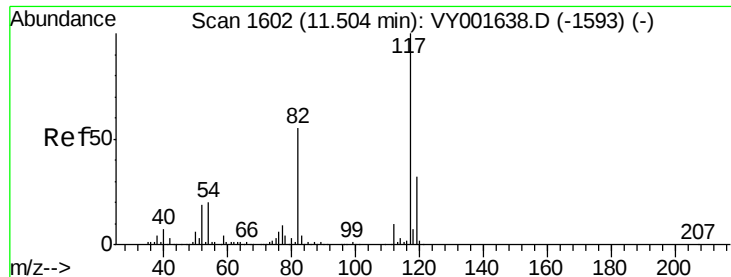
40000

20000

0

Time-->

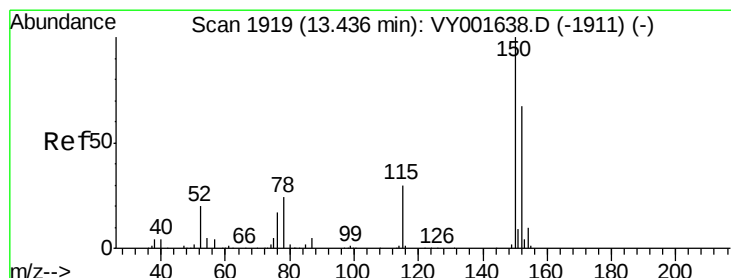
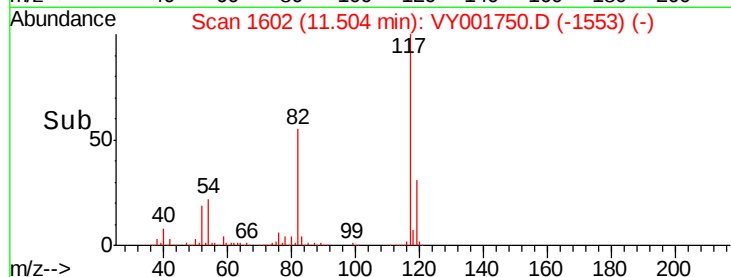
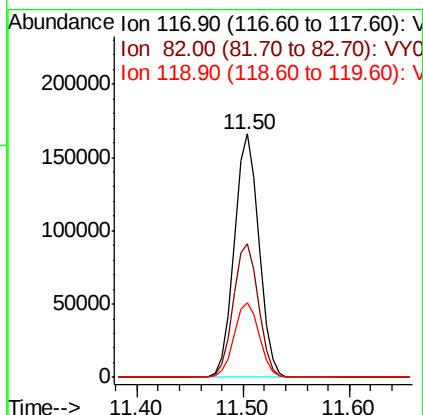
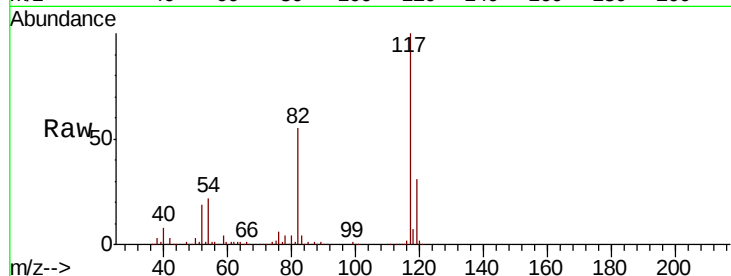




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY001750.D
Acq: 21 Feb 2020 18:02

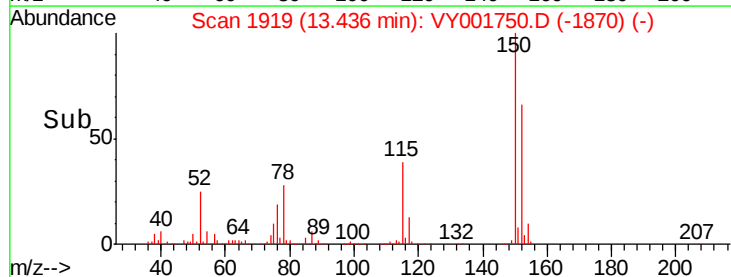
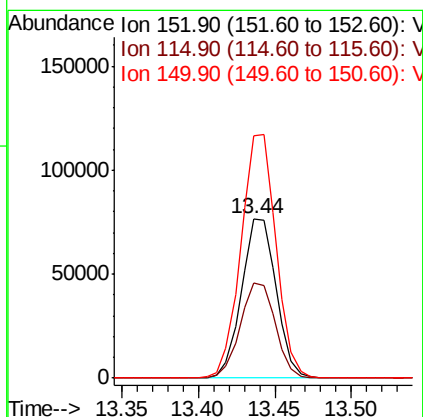
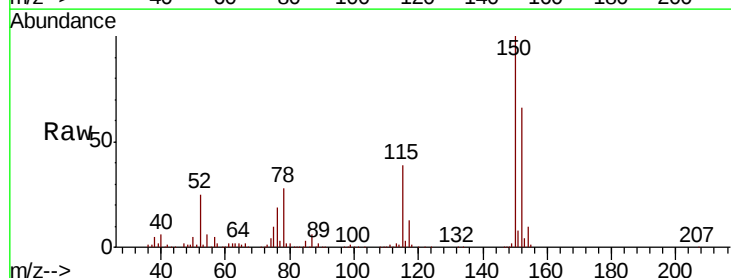
Instrument :
MSVOA_Y
ClientSampleId :

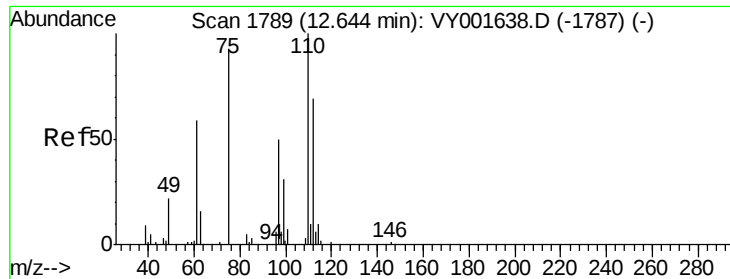
Tot Ion:117 Resp: 270571
Ion Ratio Lower Upper
117 100
82 54.7 45.5 68.3
119 30.6 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.00 min
Lab File: VY001750.D
Acq: 21 Feb 2020 18:02

Tgt Ion:152 Resp: 120270
Ion Ratio Lower Upper
152 100
115 60.7 31.4 94.2
150 154.4 0.0 407.2





#76

1,2,3-Trichloropropane

Concen: 45.167 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.15 min

Lab File: VY001750.D

Acq: 21 Feb 2020 18:02

Instrument :

MSVOA_Y

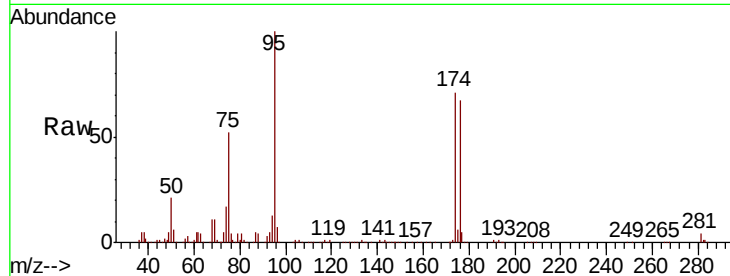
ClientSampleId :

Tot Ion: 75 Resp: 62315

Ion Ratio Lower Upper

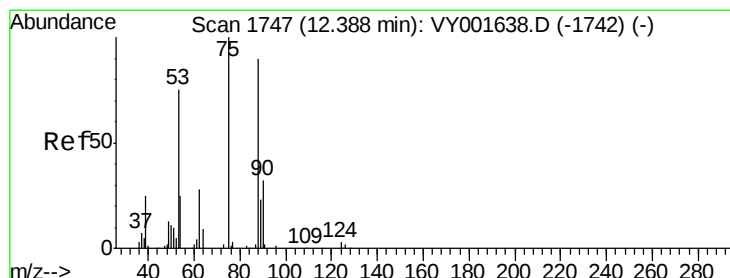
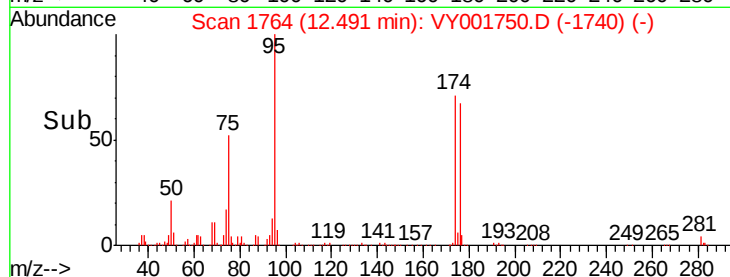
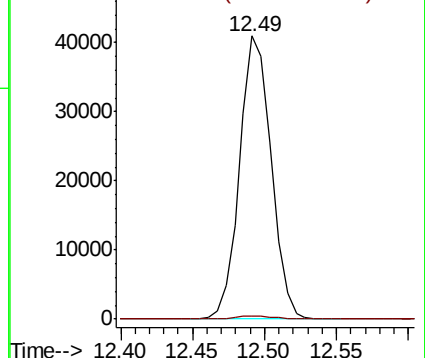
75 100

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: 85.690 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.10 min

Lab File: VY001750.D

Acq: 21 Feb 2020 18:02

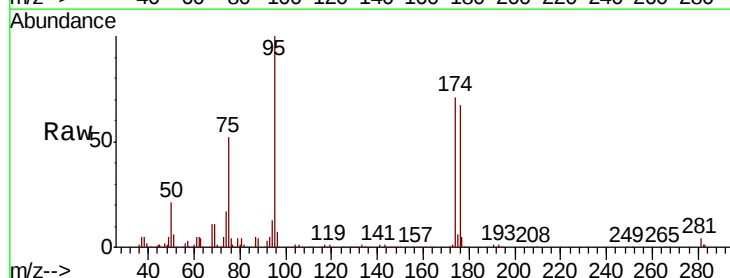
Tgt Ion: 75 Resp: 62315

Ion Ratio Lower Upper

75 100

53 0.0 64.5 96.7#

89 0.1 36.3 54.5#



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

