

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY022120\
 Data File : VY001755.D
 Acq On : 21 Feb 2020 19:54
 Operator : SY/MD
 Sample : L1650-05
 Misc : 6.98G/5ML/MSVOA Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 22 03:45:21 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	155924	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.72	114	295139	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	269158	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	120714	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.17	65	95553	56.97	ug/l	0.00
Spiked Amount			Recovery	=	113.94%	
35) Dibromofluoromethane	7.75	113	83496	49.39	ug/l	0.00
Spiked Amount			Recovery	=	98.78%	
50) Toluene-d8	10.20	98	361014	54.51	ug/l	0.00
Spiked Amount			Recovery	=	109.02%	
62) 4-Bromofluorobenzene	12.49	95	124004	48.20	ug/l	0.00
Spiked Amount			Recovery	=	96.40%	

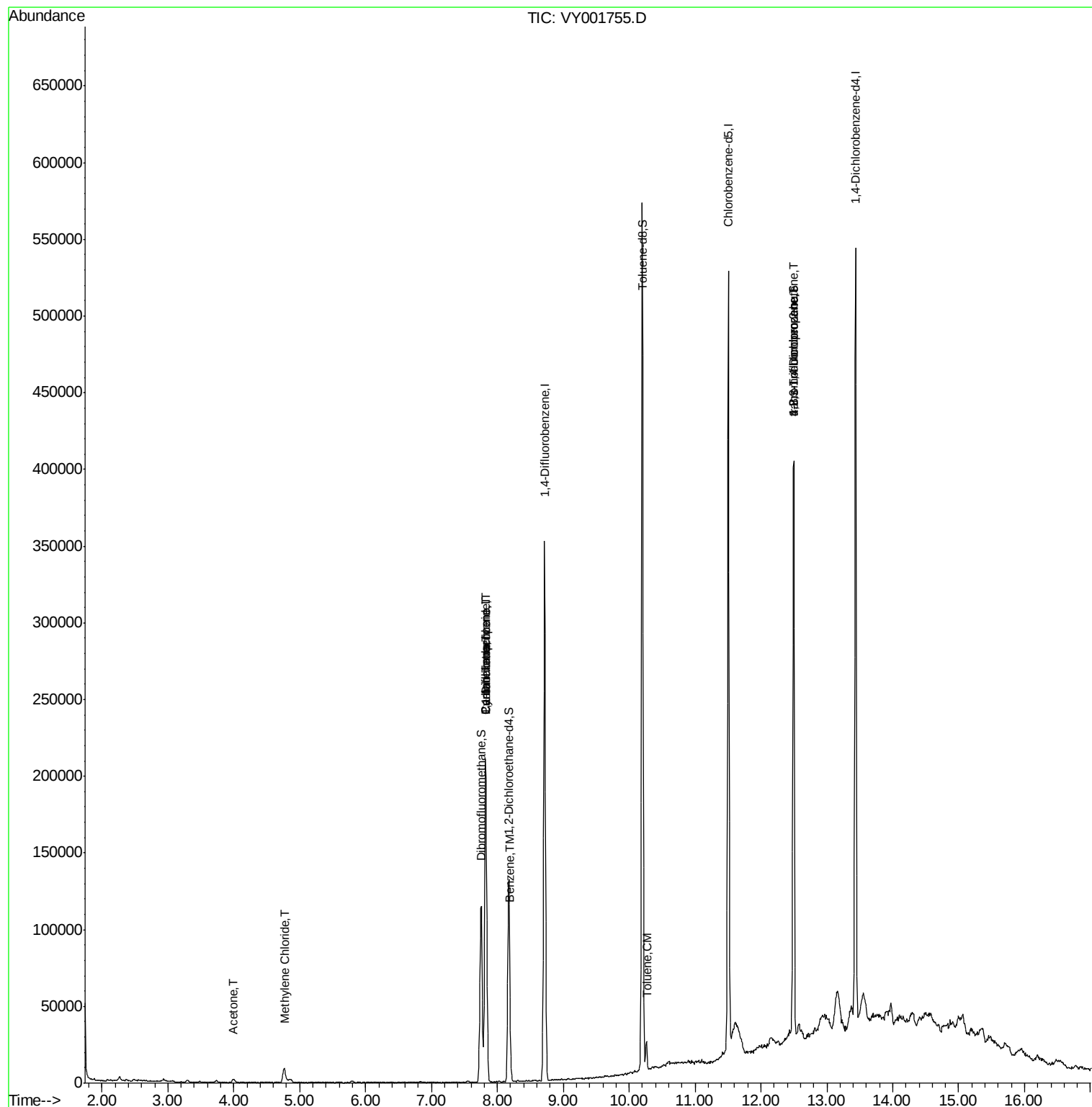
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.99	59	74	Below Cal	#	74
16) Acetone	3.99	43	4568	7.871	ug/l #	87
20) Methylene Chloride	4.76	84	6847	3.322	ug/l	93
31) Cyclohexane	7.82	56	4141	1.175	ug/l #	1
36) 1,1-Dichloropropene	7.82	75	13249	4.700	ug/l #	50
38) Carbon Tetrachloride	7.83	117	15750	6.361	ug/l #	17
40) Benzene	8.19	78	8411	1.014	ug/l #	89
52) Toluene	10.27	92	7982	1.543	ug/l	97
76) 1,2,3-Trichloropropane	12.49	75	63933	46.169	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	63933	87.591	ug/l #	17

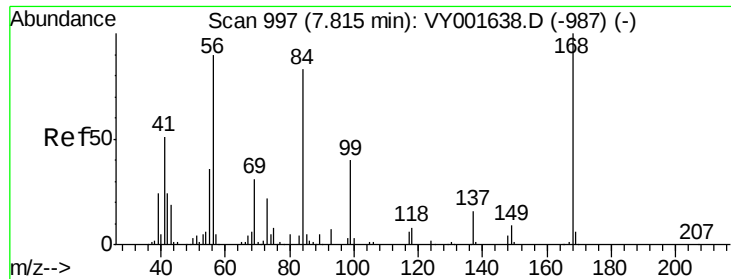
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY022120\
Data File : VY001755.D
Acq On : 21 Feb 2020 19:54
Operator : SY/MD
Sample : L1650-05
Misc : 6.98G/5ML/MSVOA Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Feb 22 03:45:21 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



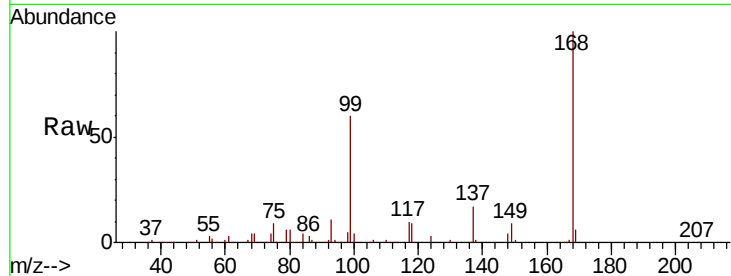


#1

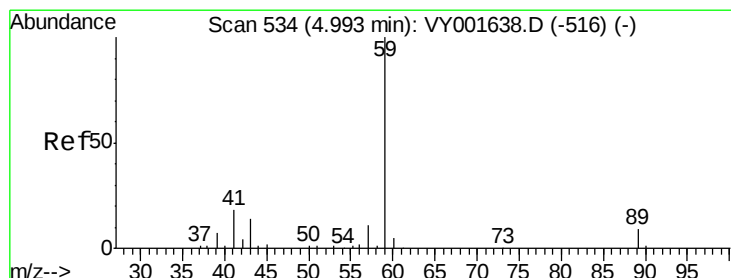
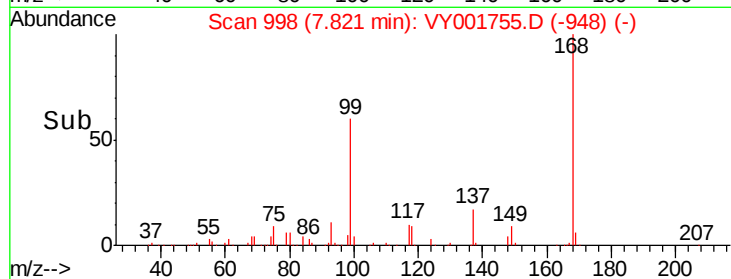
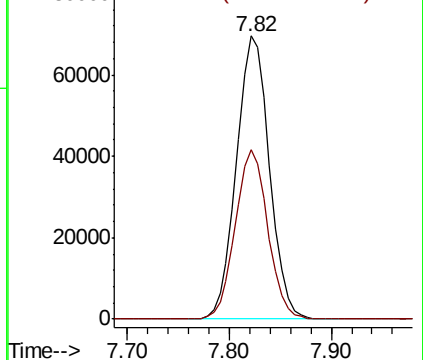
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.82 min Scan# 998
 Delta R.T. 0.01 min
 Lab File: VY001755.D
 Acq: 21 Feb 2020 19:54

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:168 Resp: 155924
 Ion Ratio Lower Upper
 168 100
 99 60.0 47.5 71.3



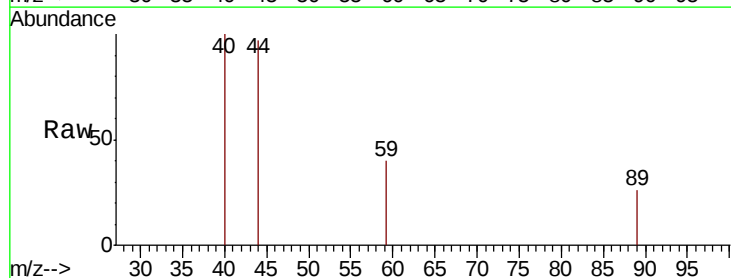
Abundance Ion 167.90 (167.60 to 168.60): VY001638.D (-987) (-)
 Ion 98.90 (98.60 to 99.60): VY001638.D (-987) (-)



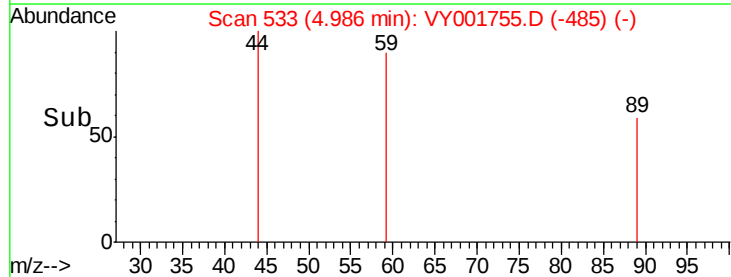
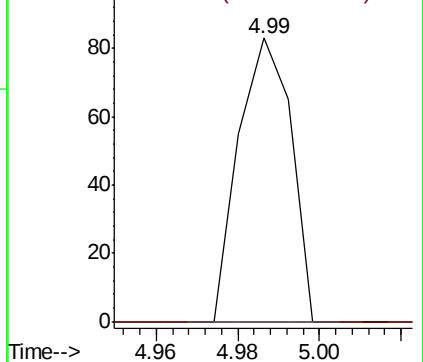
#11

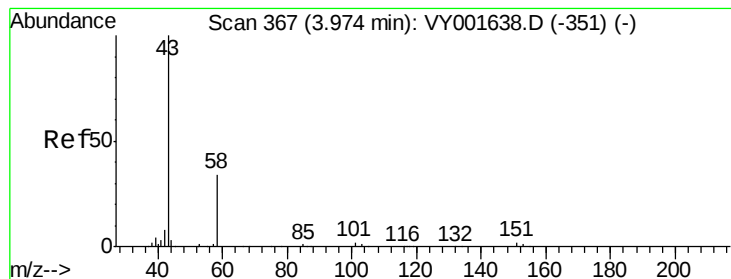
Tert butyl alcohol
 Concen: Below Cal
 RT: 4.99 min Scan# 533
 Delta R.T. -0.01 min
 Lab File: VY001755.D
 Acq: 21 Feb 2020 19:54

Tgt Ion: 59 Resp: 74
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.4 11.2#



Abundance Ion 59.00 (58.70 to 59.70): VY001638.D (-516) (-)
 Ion 57.00 (56.70 to 57.70): VY001638.D (-516) (-)





#16

Acetone

Concen: 7.871 ug/l

RT: 3.99 min Scan# 369

Delta R.T. 0.01 min

Lab File: VY001755.D

Acq: 21 Feb 2020 19:54

Instrument :

MSVOA_Y

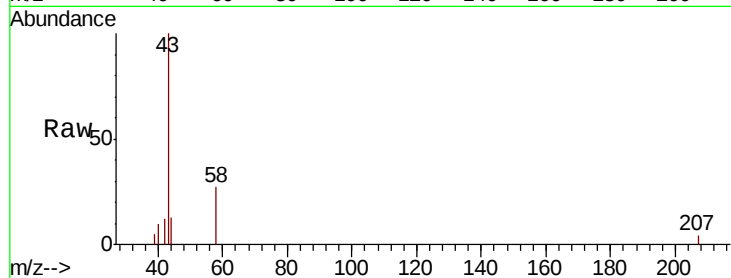
ClientSampleId :

Tot Ion: 43 Resp: 4568

Ion Ratio Lower Upper

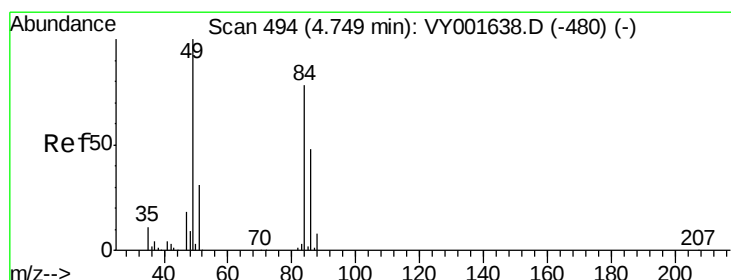
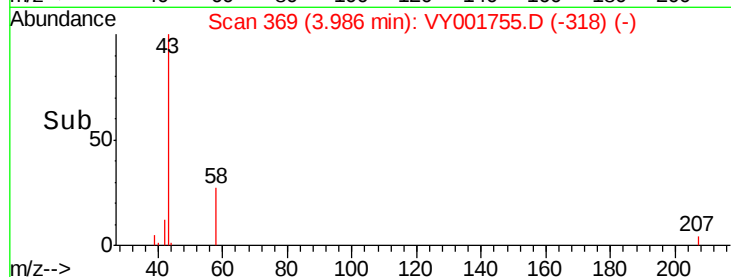
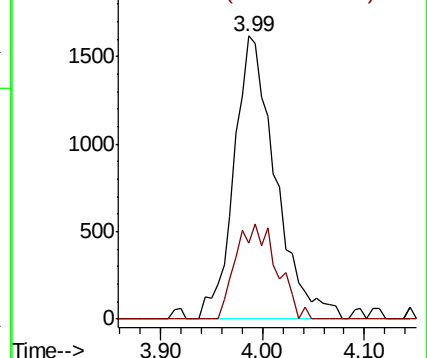
43 100

58 26.7 27.3 40.9#



Abundance Ion 43.00 (42.70 to 43.70): VY001755.D (-369) (-)

Ion 58.00 (57.70 to 58.70): VY001755.D (-369) (-)



#20

Methylene Chloride

Concen: 3.322 ug/l

RT: 4.76 min Scan# 496

Delta R.T. 0.01 min

Lab File: VY001755.D

Acq: 21 Feb 2020 19:54

Tgt Ion: 84 Resp: 6847

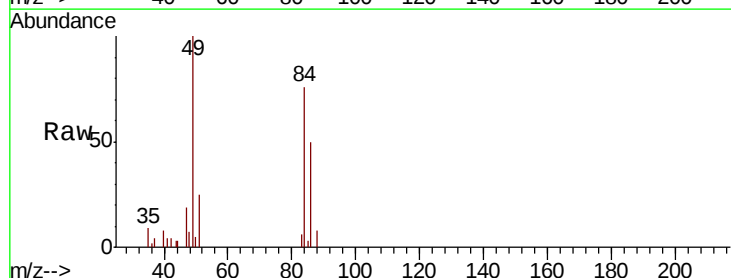
Ion Ratio Lower Upper

84 100

49 132.3 99.2 148.8

51 32.6 31.5 47.3

86 66.1 51.0 76.6

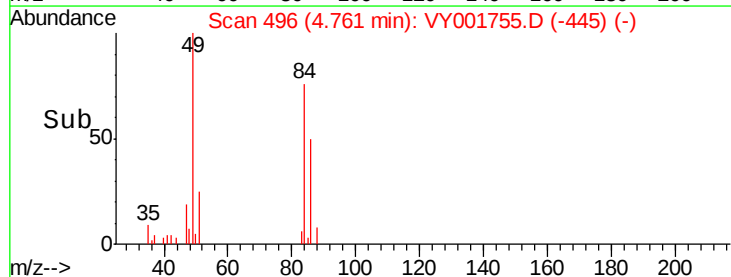
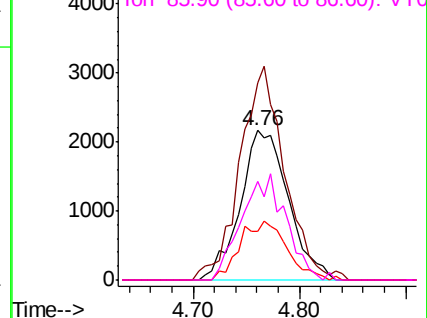


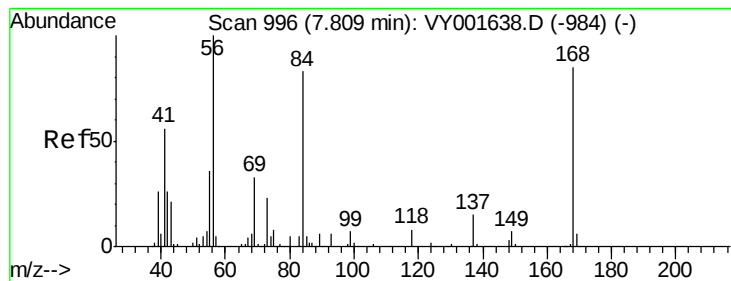
Abundance Ion 83.90 (83.60 to 84.60): VY001755.D (-496) (-)

Ion 48.90 (48.60 to 49.60): VY001755.D (-496) (-)

Ion 50.90 (50.60 to 51.60): VY001755.D (-496) (-)

Ion 85.90 (85.60 to 86.60): VY001755.D (-496) (-)





#31

Cyclohexane

Concen: 1.175 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY001755.D

Acq: 21 Feb 2020 19:54

Instrument :
MSVOA_Y
ClientSampleId :

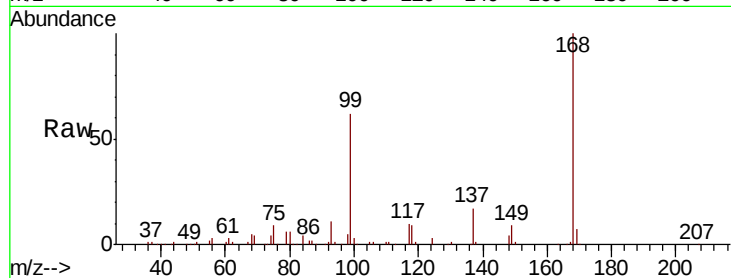
Tot Ion: 56 Resp: 4141

Ion Ratio Lower Upper

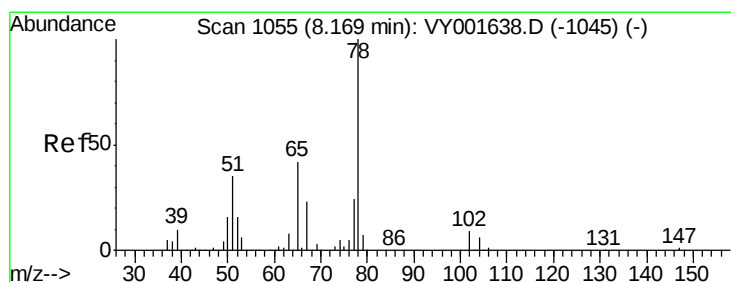
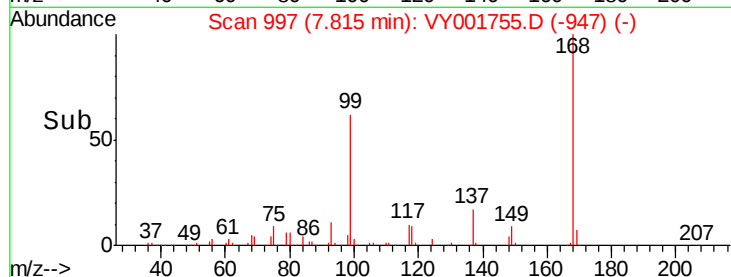
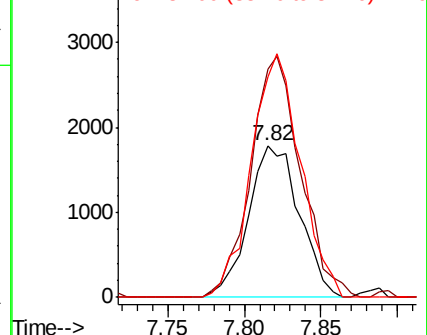
56 100

69 150.1 25.1 37.7#

84 145.2 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: 56.972 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. -0.00 min

Lab File: VY001755.D

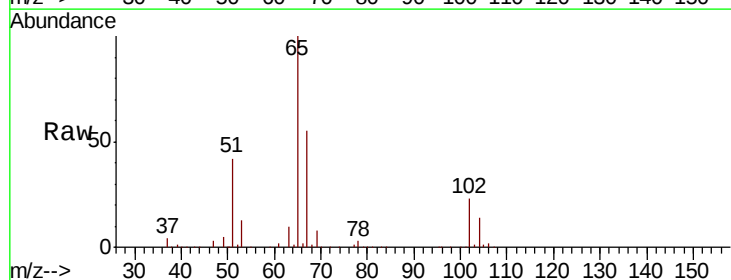
Acq: 21 Feb 2020 19:54

Tgt Ion: 65 Resp: 95553

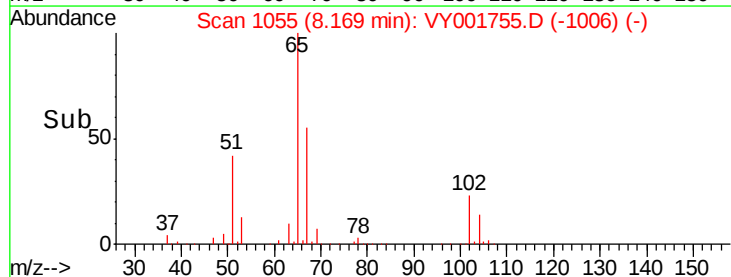
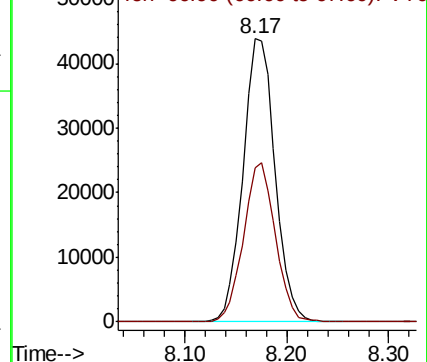
Ion Ratio Lower Upper

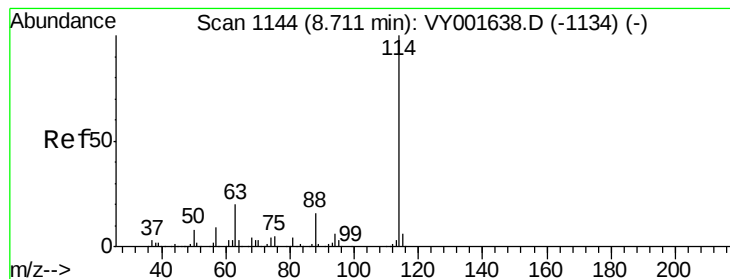
65 100

67 55.9 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: VY001755.D

Acq: 21 Feb 2020 19:54

Instrument :
MSVOA_Y
ClientSampleId :

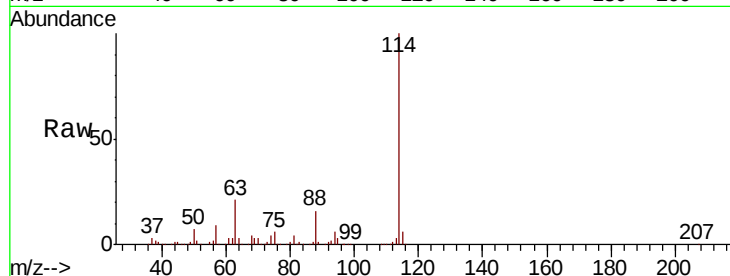
Tot Ion:114 Resp: 295139

Ion Ratio Lower Upper

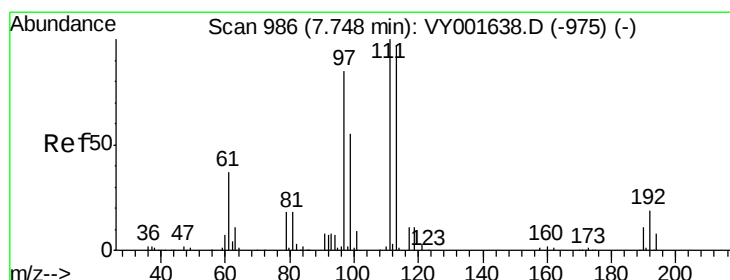
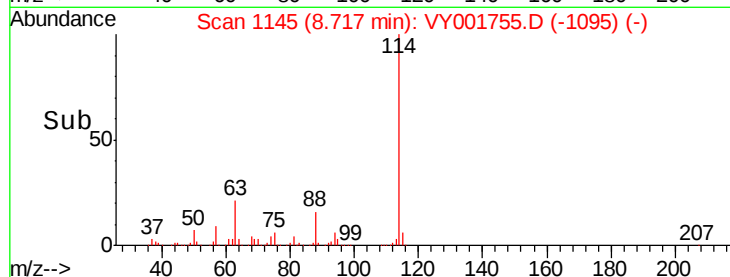
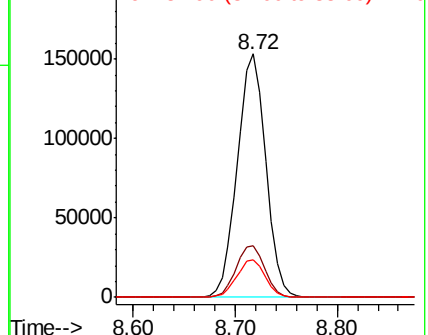
114 100

63 21.3 0.0 41.4

88 15.7 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: 49.393 ug/l

RT: 7.75 min Scan# 987

Delta R.T. 0.01 min

Lab File: VY001755.D

Acq: 21 Feb 2020 19:54

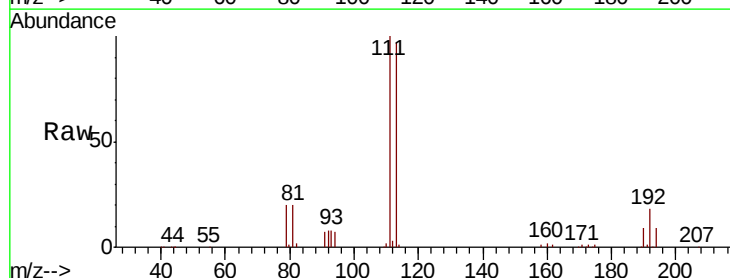
Tgt Ion:113 Resp: 83496

Ion Ratio Lower Upper

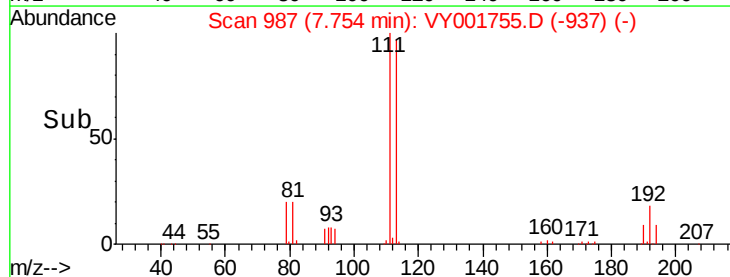
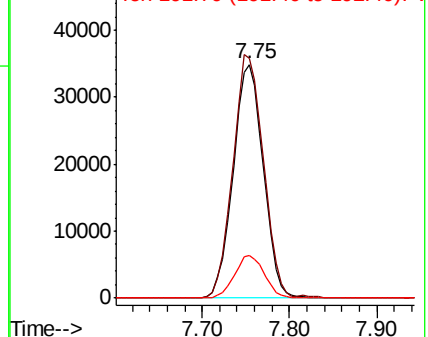
113 100

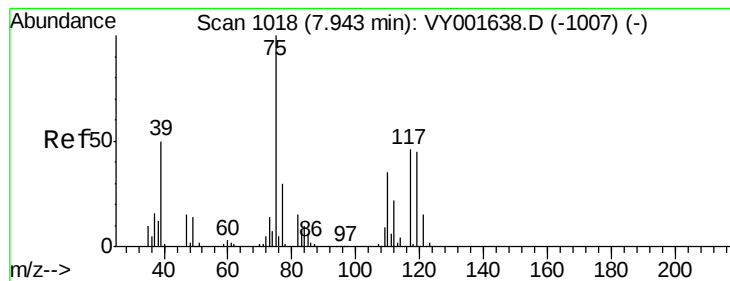
111 105.1 81.9 122.9

192 18.1 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: 4.700 ug/l

RT: 7.82 min Scan# 998

Delta R.T. -0.12 min

Lab File: VY001755.D

Acq: 21 Feb 2020 19:54

Instrument :

MSVOA_Y

ClientSampled :

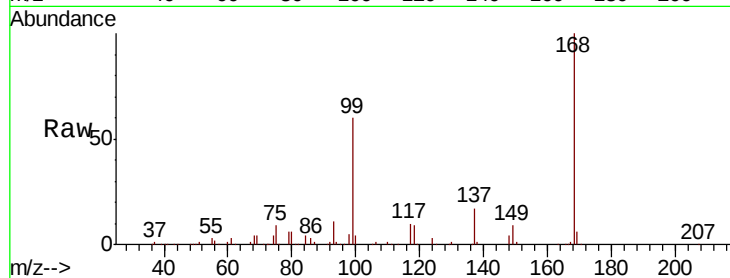
Tot Ion: 75 Resp: 13249

Ion Ratio Lower Upper

75 100

110 8.7 17.2 51.6#

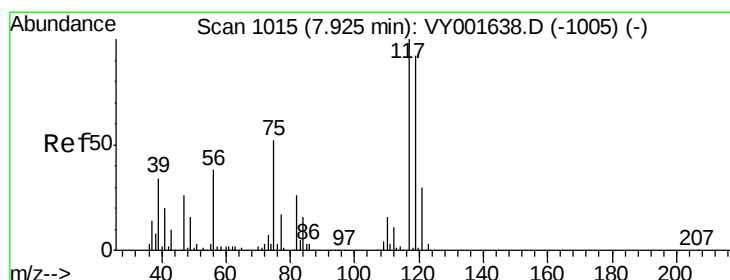
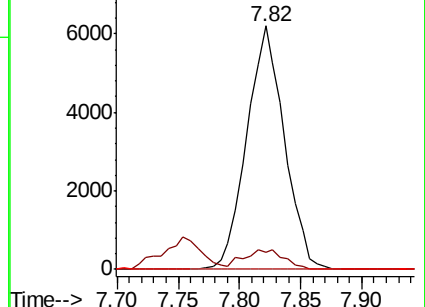
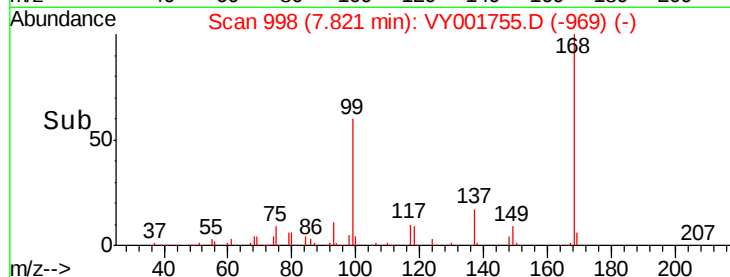
77 0.0 24.8 37.2#



Abundance Ion 74.90 (74.60 to 75.60): VY001755.D (-969) (-)

Ion 109.90 (109.60 to 110.60): VY001755.D (-969) (-)

Ion 76.90 (76.60 to 77.60): VY001755.D (-969) (-)



#38

Carbon Tetrachloride

Concen: 6.361 ug/l

RT: 7.83 min Scan# 999

Delta R.T. -0.10 min

Lab File: VY001755.D

Acq: 21 Feb 2020 19:54

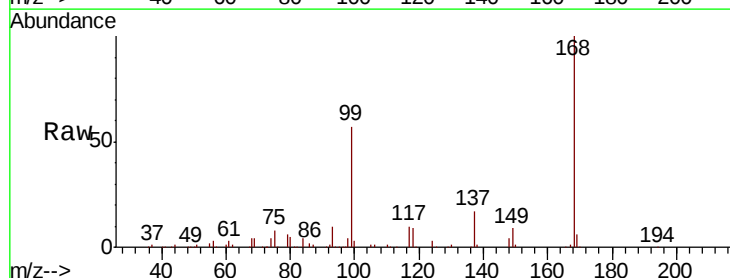
Tgt Ion: 117 Resp: 15750

Ion Ratio Lower Upper

117 100

119 4.6 74.8 112.2#

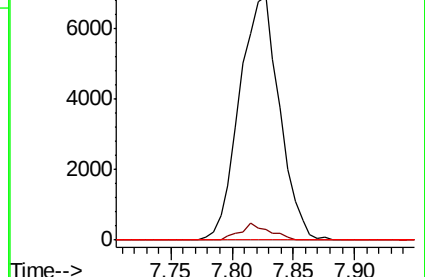
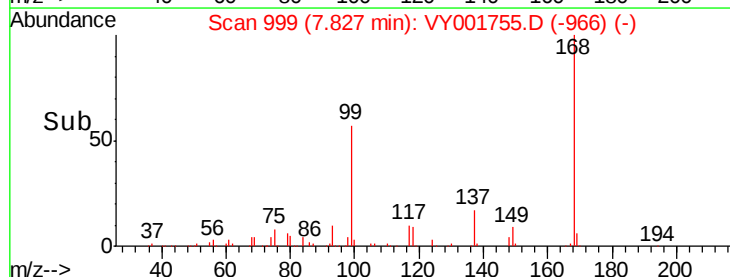
121 0.0 23.8 35.6#

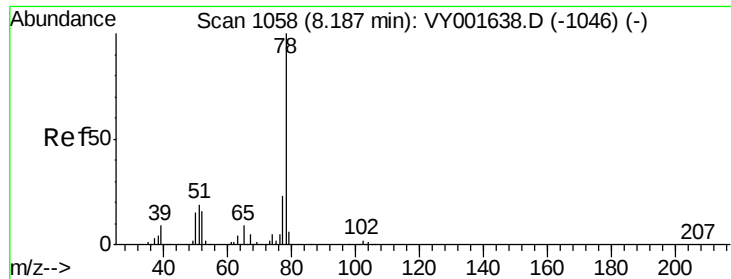


Abundance Ion 116.80 (116.50 to 117.50): VY001755.D (-966) (-)

Ion 118.80 (118.50 to 119.50): VY001755.D (-966) (-)

Ion 120.80 (120.50 to 121.50): VY001755.D (-966) (-)

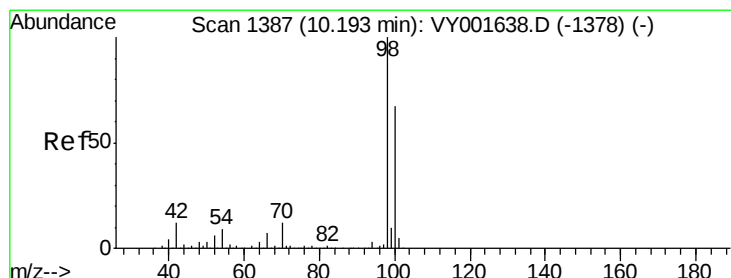
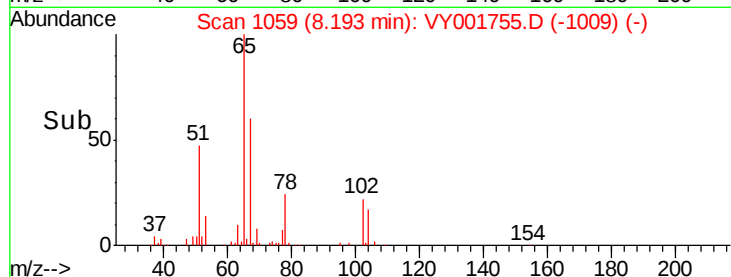
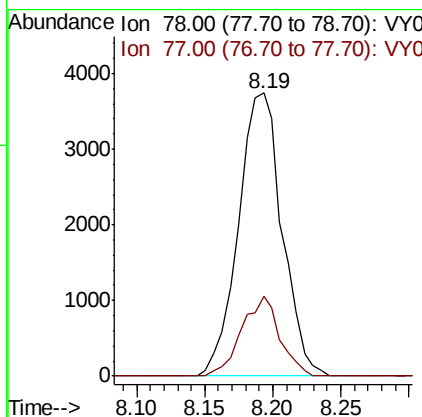
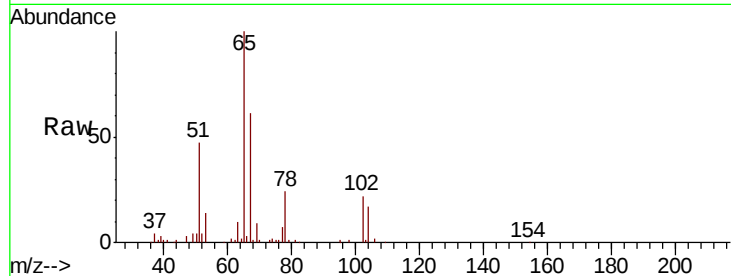




#40
Benzene
Concen: 1.014 ug/l
RT: 8.19 min Scan# 1059
Delta R.T. 0.01 min
Lab File: VY001755.D
Acq: 21 Feb 2020 19:54

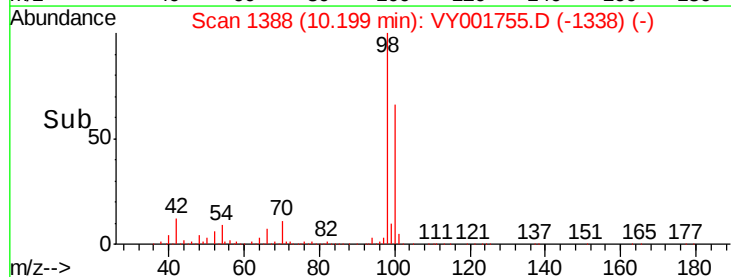
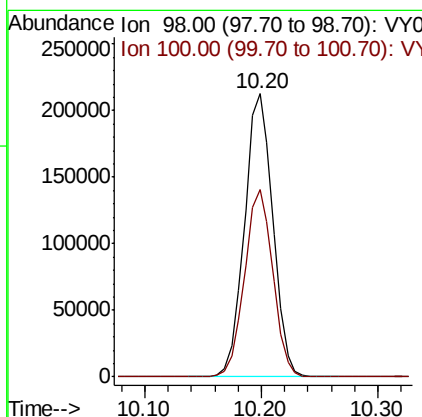
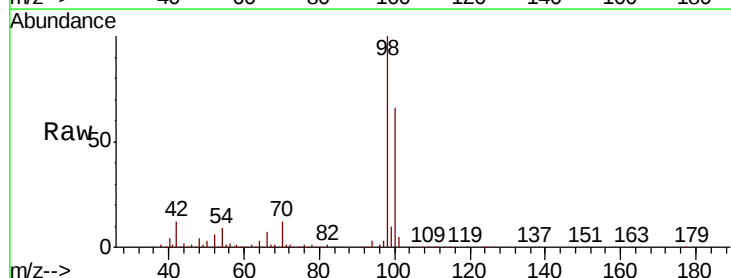
Instrument :
MSVOA_Y
ClientSampled :

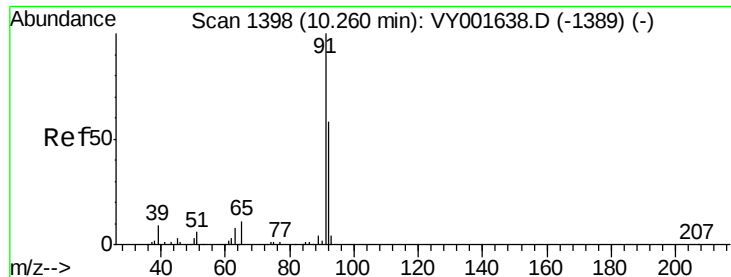
Tot Ion: 78 Resp: 8411
Ion Ratio Lower Upper
78 100
77 28.1 18.2 27.4#



#50
Toluene-d8
Concen: 54.513 ug/l
RT: 10.20 min Scan# 1388
Delta R.T. 0.01 min
Lab File: VY001755.D
Acq: 21 Feb 2020 19:54

Tgt Ion: 98 Resp: 361014
Ion Ratio Lower Upper
98 100
100 66.0 53.0 79.4





#52

Toluene

Concen: 1.543 ug/l

RT: 10.27 min Scan# 1399

Delta R.T. 0.01 min

Lab File: VY001755.D

Acq: 21 Feb 2020 19:54

Instrument :

MSVOA_Y

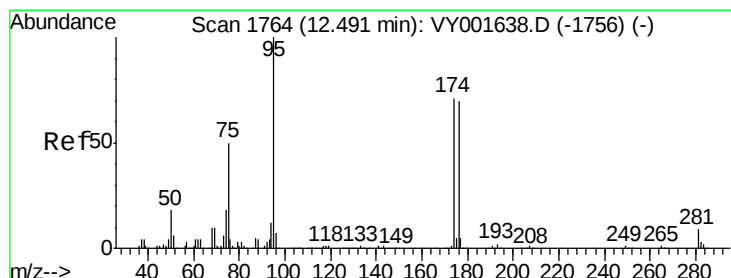
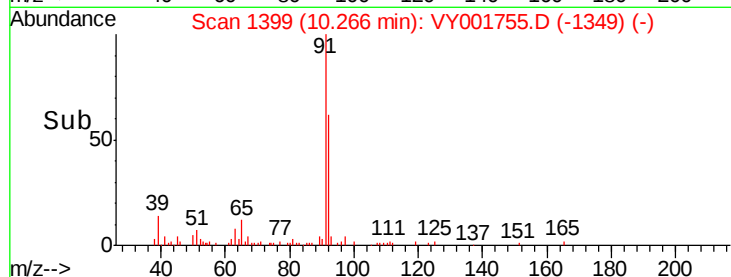
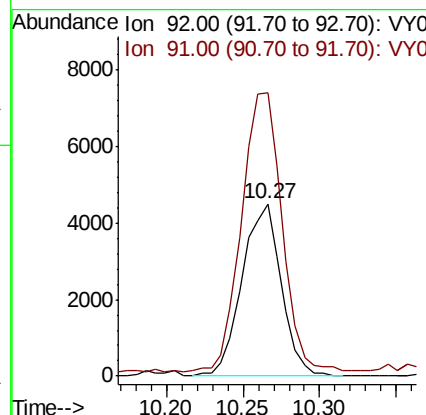
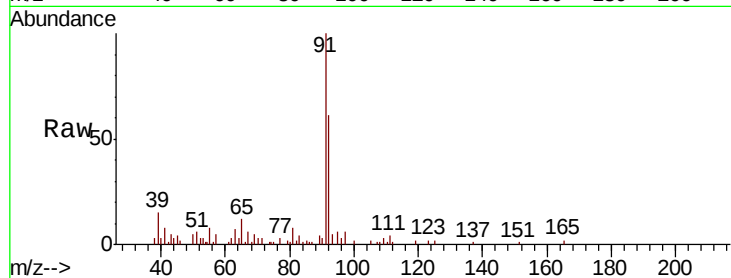
ClientSampleId :

Tot Ion: 92 Resp: 7982

Ion Ratio Lower Upper

92 100

91 167.7 137.0 205.6



#62

4-Bromofluorobenzene

Concen: 48.198 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.00 min

Lab File: VY001755.D

Acq: 21 Feb 2020 19:54

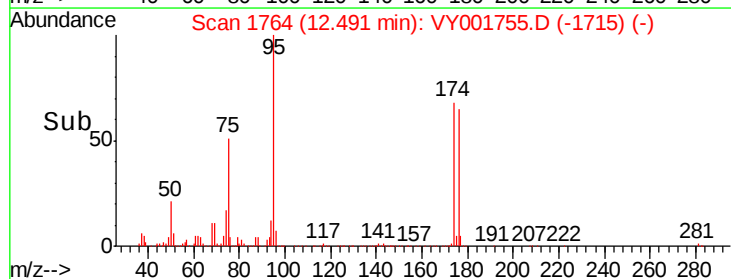
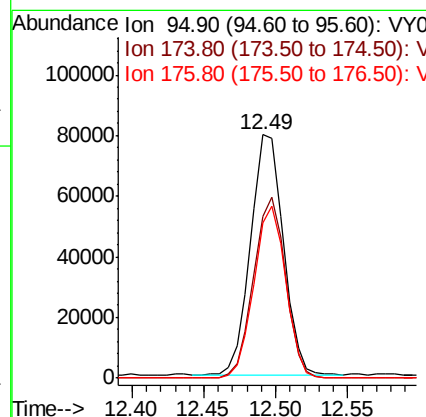
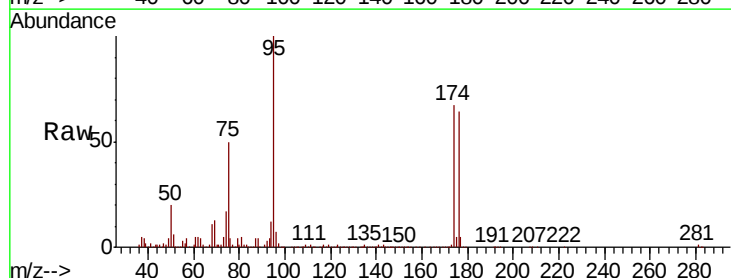
Tgt Ion: 95 Resp: 124004

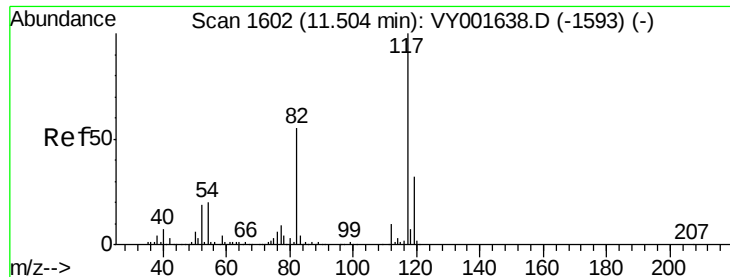
Ion Ratio Lower Upper

95 100

174 73.4 0.0 138.4

176 69.6 0.0 131.8

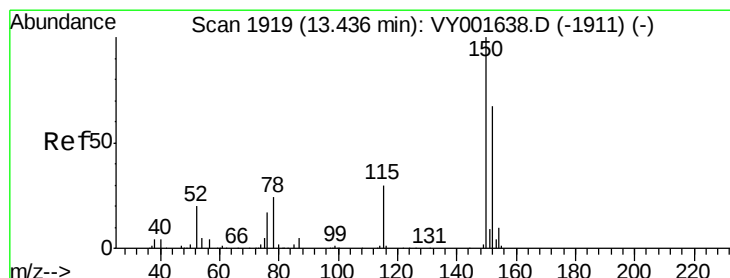
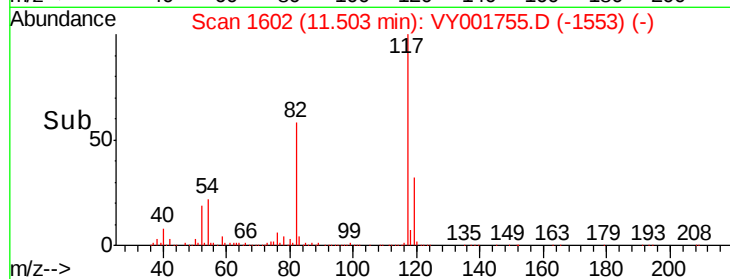
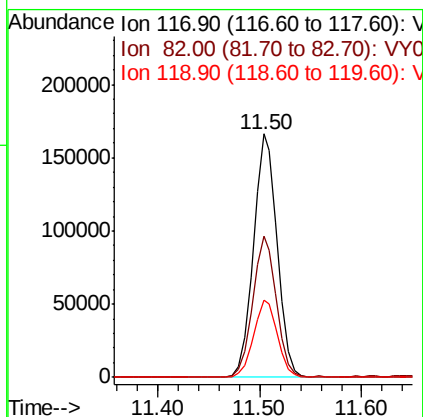
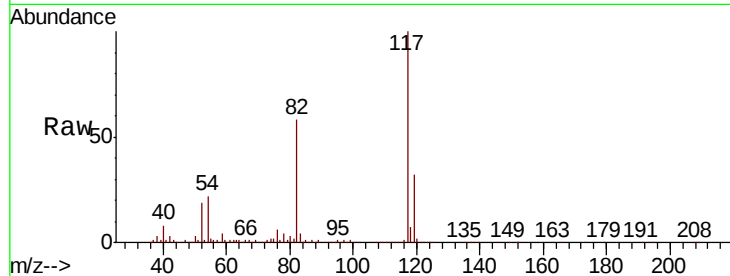




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. -0.00 min
Lab File: VY001755.D
Acq: 21 Feb 2020 19:54

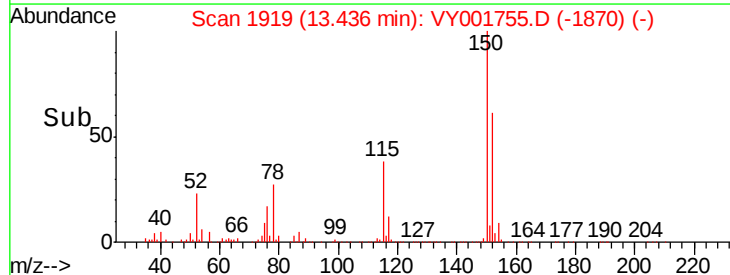
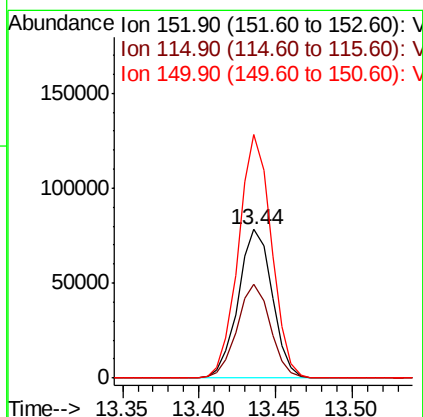
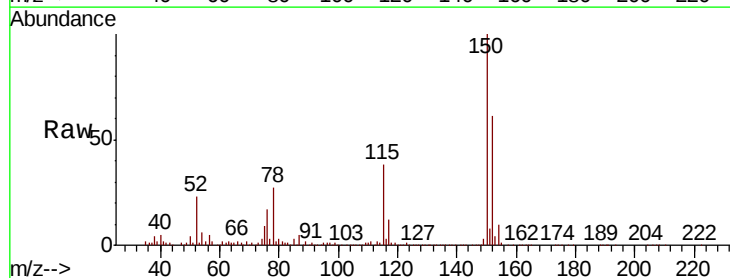
Instrument :
MSVOA_Y
ClientSampleId :

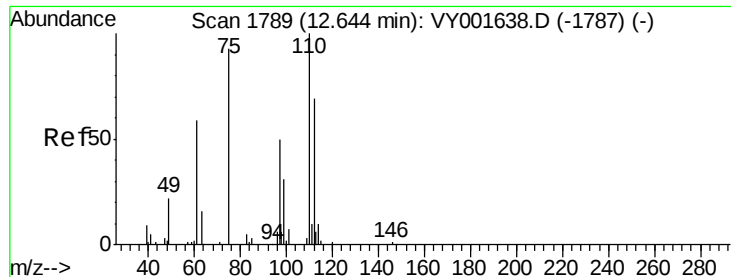
Tot Ion	Ratio	Lower	Upper
117	100		
82	57.6	45.5	68.3
119	31.8	25.8	38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. -0.00 min
Lab File: VY001755.D
Acq: 21 Feb 2020 19:54

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.0	31.4	94.2
150	158.3	0.0	407.2





#76

1,2,3-Trichloropropane

Concen: 46.169 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.15 min

Lab File: VY001755.D

Acq: 21 Feb 2020 19:54

Instrument :

MSVOA_Y

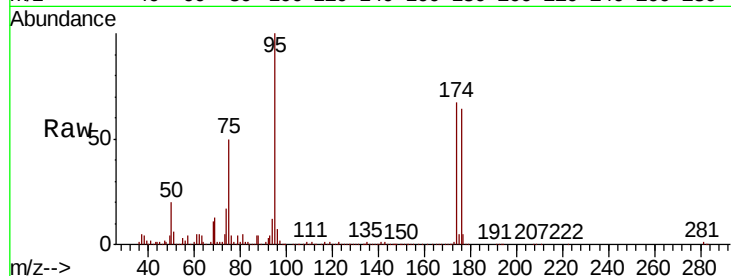
ClientSampleId :

Tot Ion: 75 Resp: 63933

Ion Ratio Lower Upper

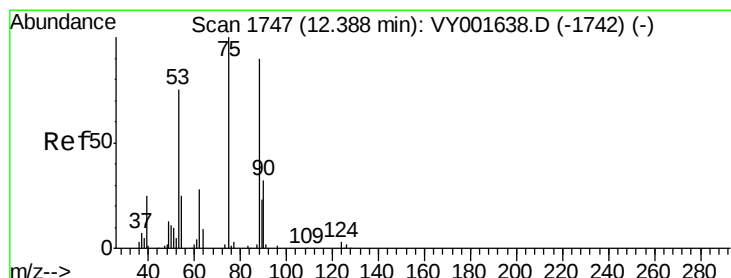
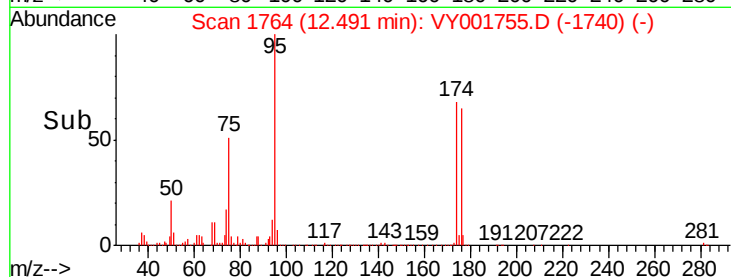
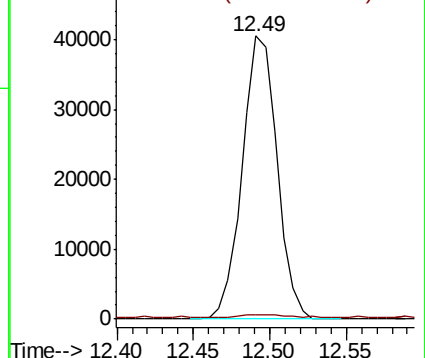
75 100

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: 87.591 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.10 min

Lab File: VY001755.D

Acq: 21 Feb 2020 19:54

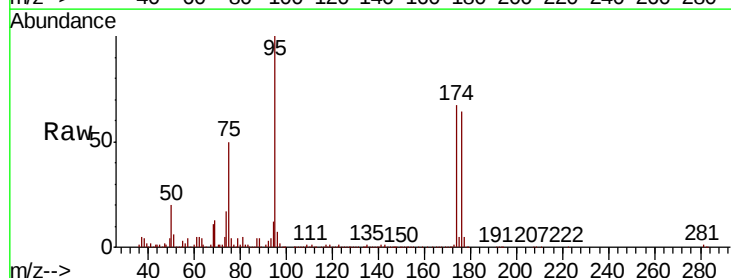
Tgt Ion: 75 Resp: 63933

Ion Ratio Lower Upper

75 100

53 0.3 64.5 96.7#

89 0.2 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

