

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY022620\
 Data File : VY001783.D
 Acq On : 26 Feb 2020 14:47
 Operator : SY/MD
 Sample : L1694-02
 Misc : 7.48G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B2-12-12.5-BGS

Quant Time: Feb 26 15:33:00 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	7.81	168	152221	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	285525	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.50	117	252511	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	103908	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	90903	55.52	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	111.04%	
35) Dibromofluoromethane	7.74	113	84107	51.43	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	102.86%	
50) Toluene-d8	10.19	98	345550	53.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.86%	
62) 4-Bromofluorobenzene	12.49	95	111659	44.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.72%	

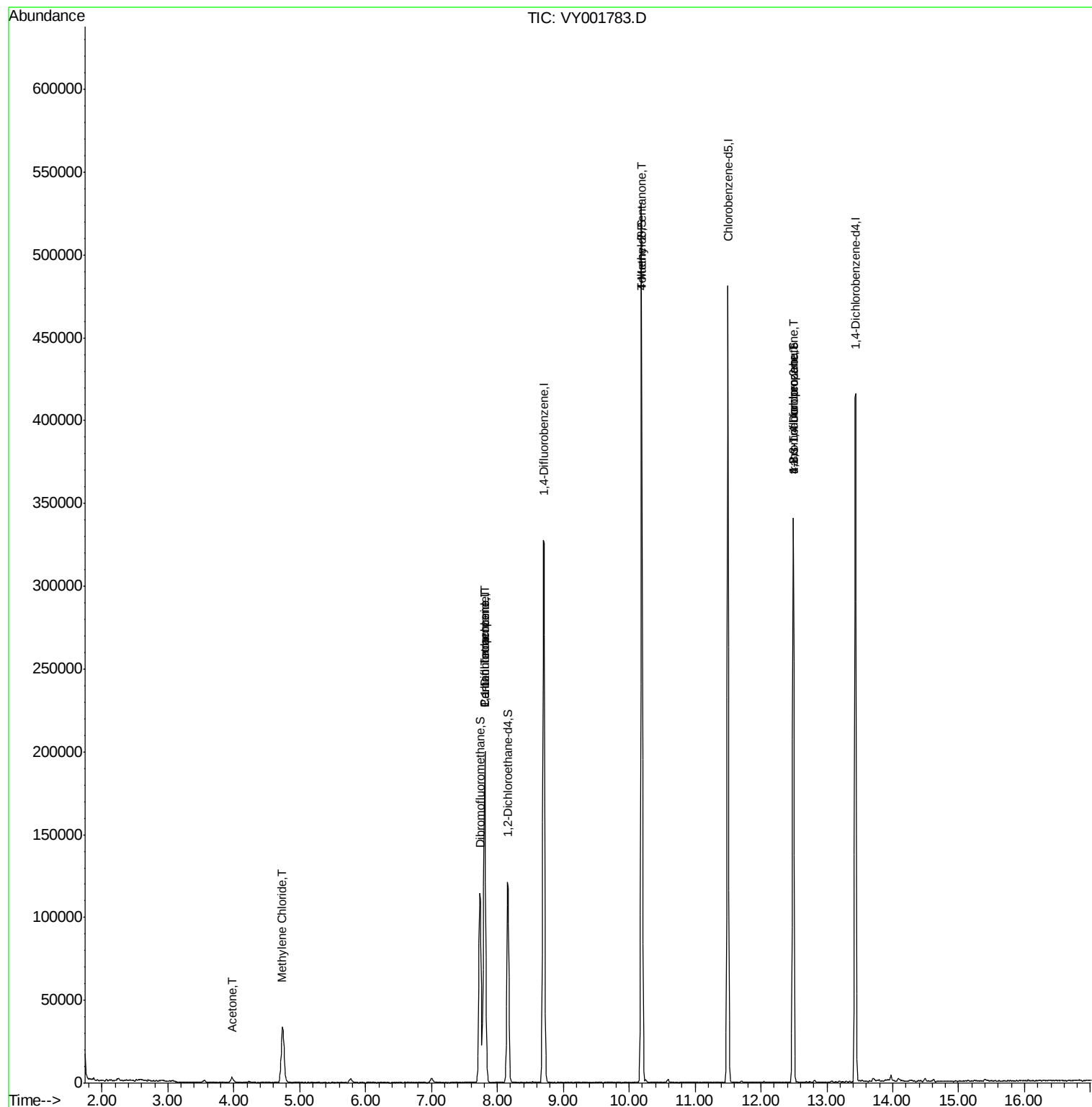
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.94	59	200	Below Cal	#	74
16) Acetone	3.98	43	6010	10.61	ug/l	100
20) Methylene Chloride	4.74	84	25822	12.83	ug/l	95
36) 1,1-Dichloropropene	7.81	75	12412	4.55	ug/l	# 49
38) Carbon Tetrachloride	7.80	117	15422	6.44	ug/l	# 18
51) 4-Methyl-2-Pentanone	10.19	43	1651	1.04	ug/l	# 1
76) 1,2,3-Trichloropropane	12.49	75	56937	47.77	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.49	75	56937	90.62	ug/l	# 17

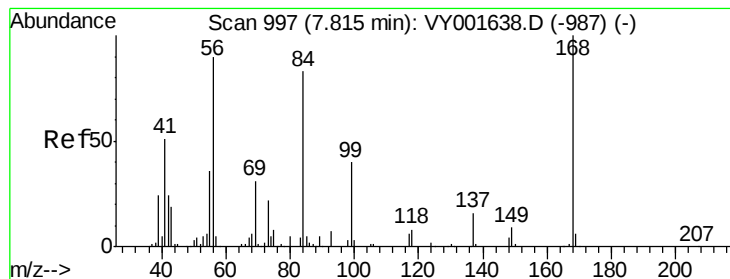
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY001783.D

Acq: 26 Feb 2020 14:47

Instrument :

MSVOA_Y

ClientSampleId :

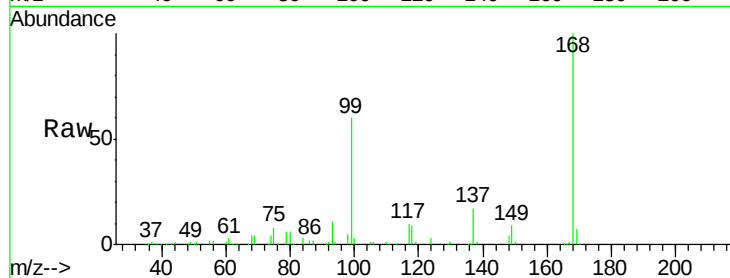
B2-12-12.5-BGS

Tgt Ion:168 Resp: 152221

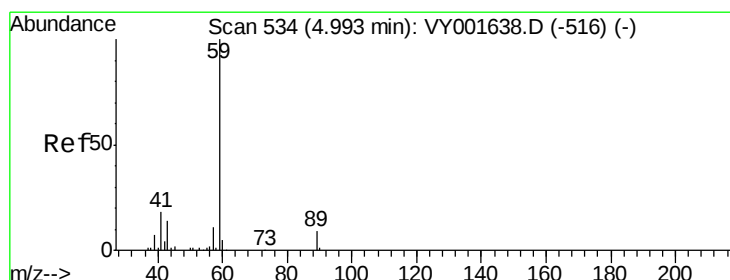
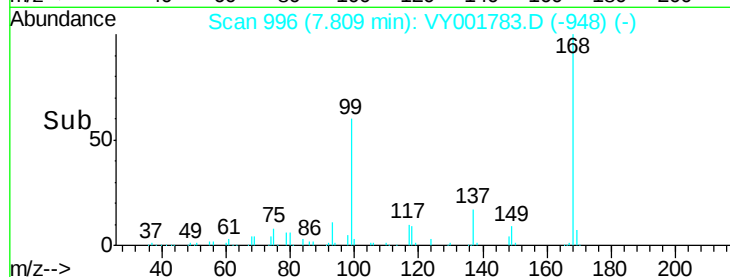
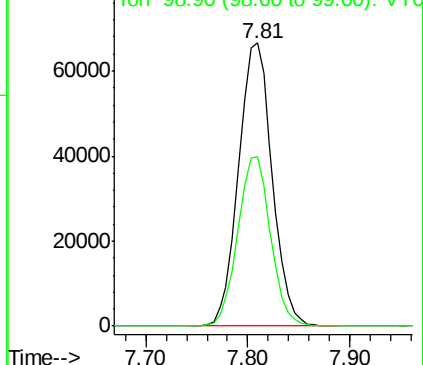
Ion Ratio Lower Upper

168 100

99 59.8 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001783.D (-948) (-)



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.94 min Scan# 526

Delta R.T. -0.05 min

Lab File: VY001783.D

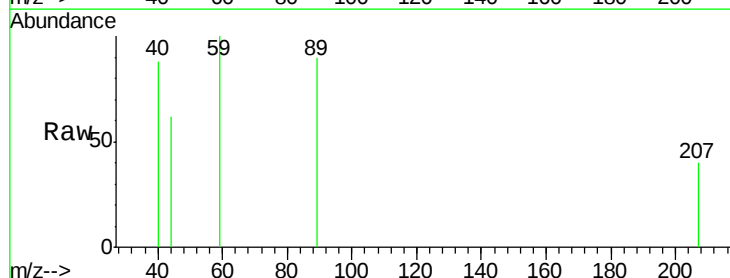
Acq: 26 Feb 2020 14:47

Tgt Ion: 59 Resp: 200

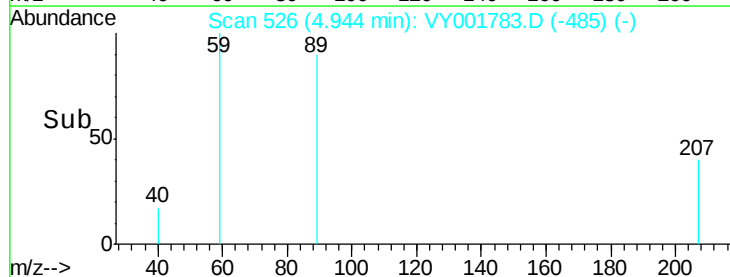
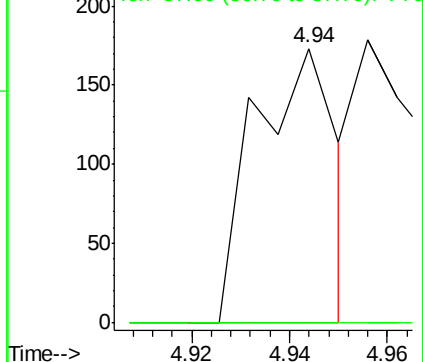
Ion Ratio Lower Upper

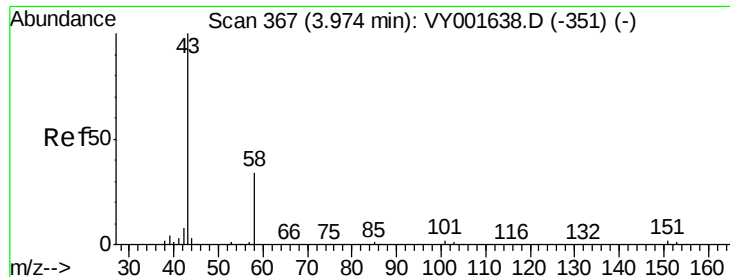
59 100

57 0.0 7.4 11.2#



Abundance Ion 59.00 (58.70 to 59.70): VY001783.D (-485) (-)





#16

Acetone

Concen: 10.61 ug/l

RT: 3.98 min Scan# 368

Delta R.T. 0.01 min

Lab File: VY001783.D

Acq: 26 Feb 2020 14:47

Instrument :

MSVOA_Y

ClientSampleId :

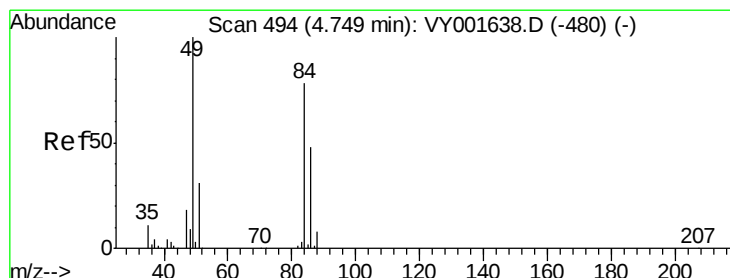
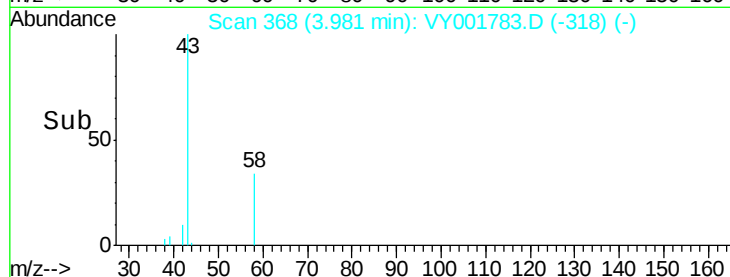
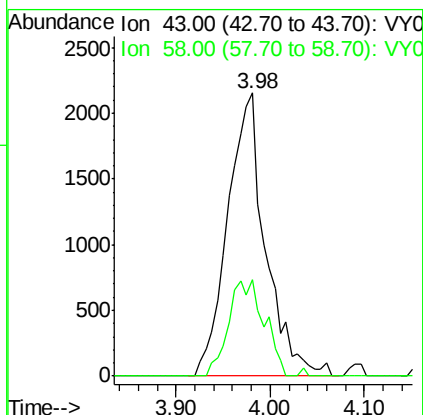
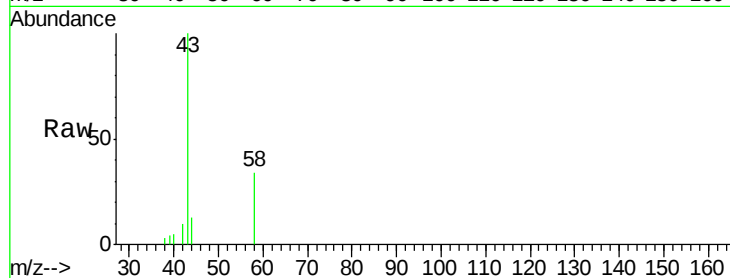
B2-12-12.5-BGS

Tgt Ion: 43 Resp: 6010

Ion Ratio Lower Upper

43 100

58 34.2 27.3 40.9



#20

Methylene Chloride

Concen: 12.83 ug/l

RT: 4.74 min Scan# 492

Delta R.T. -0.01 min

Lab File: VY001783.D

Acq: 26 Feb 2020 14:47

Tgt Ion: 84 Resp: 25822

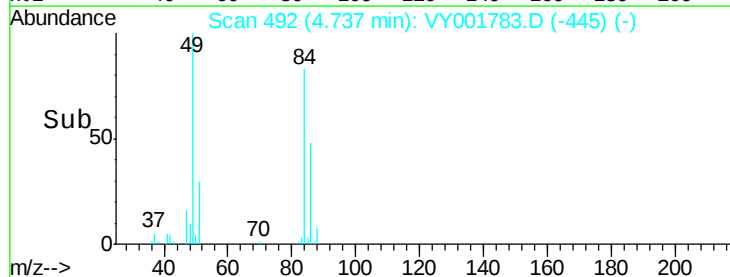
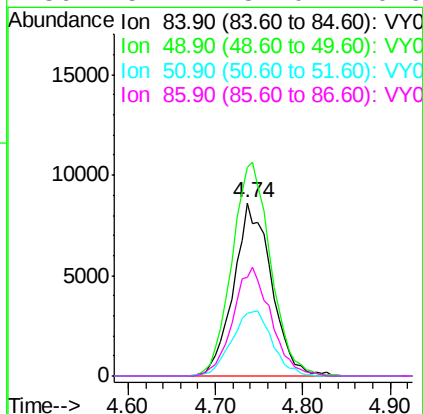
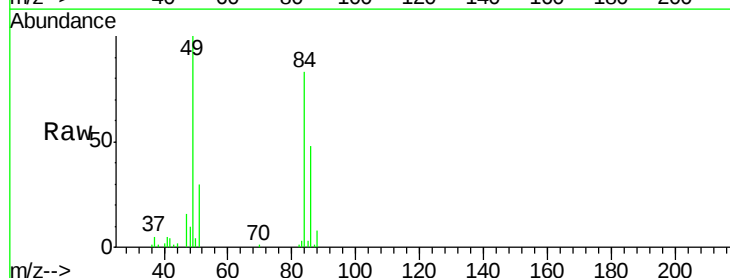
Ion Ratio Lower Upper

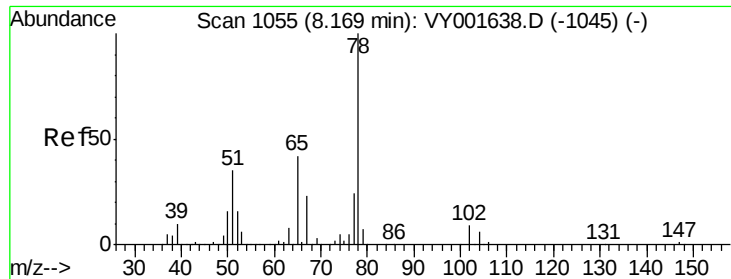
84 100

49 120.4 99.2 148.8

51 36.3 31.5 47.3

86 57.4 51.0 76.6

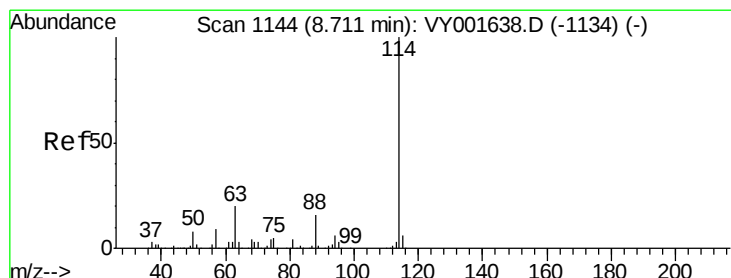
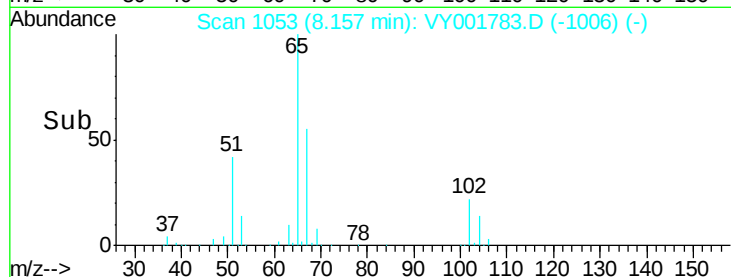
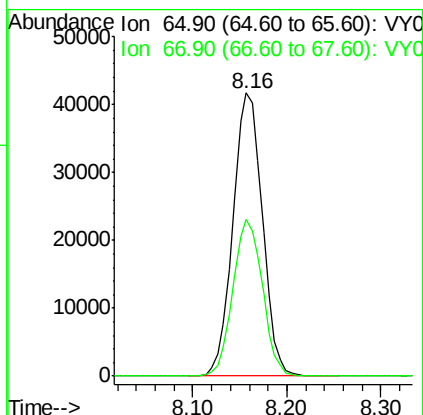
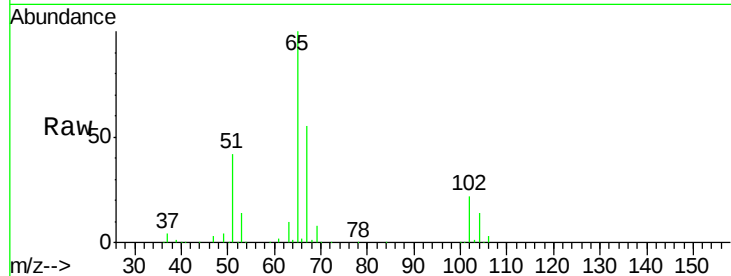




#33
 1,2-Dichloroethane-d4
 Concen: 55.52 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: VY001783.D
 Acq: 26 Feb 2020 14:47

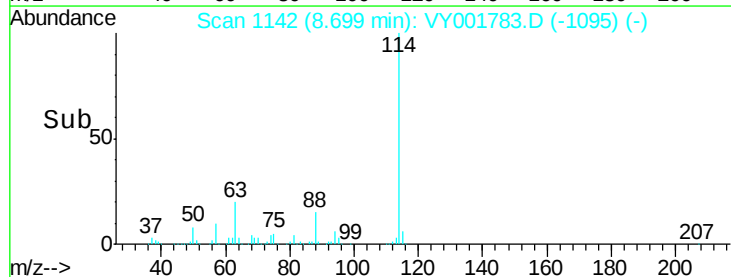
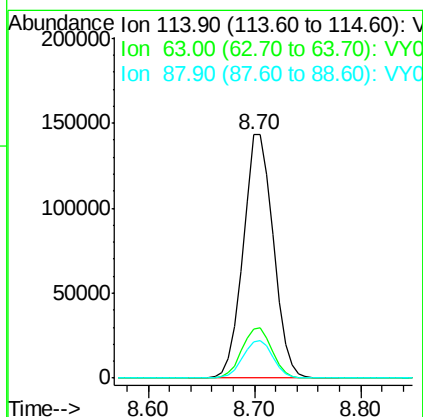
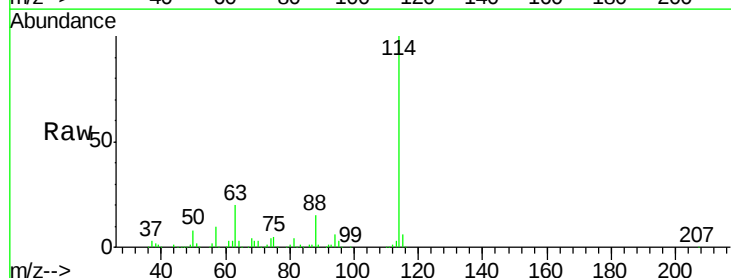
Instrument :
 MSVOA_Y
 ClientSampleId :
 B2-12-12.5-BGS

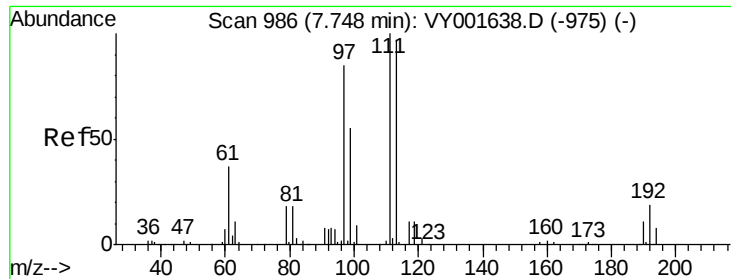
Tgt Ion: 65 Resp: 90903
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY001783.D
 Acq: 26 Feb 2020 14:47

Tgt Ion: 114 Resp: 285525
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 41.4
 88 14.9 0.0 32.8

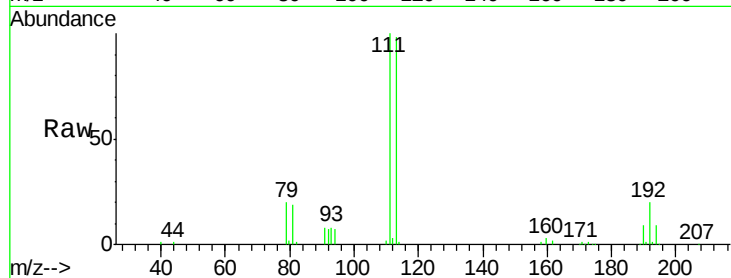




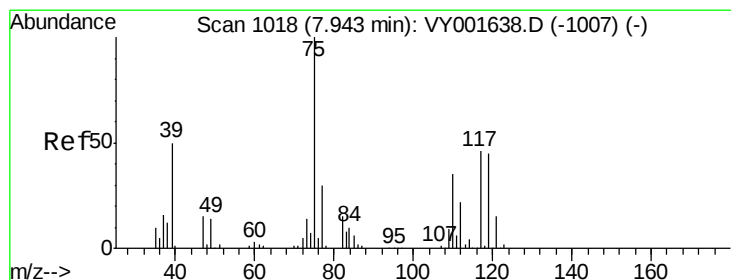
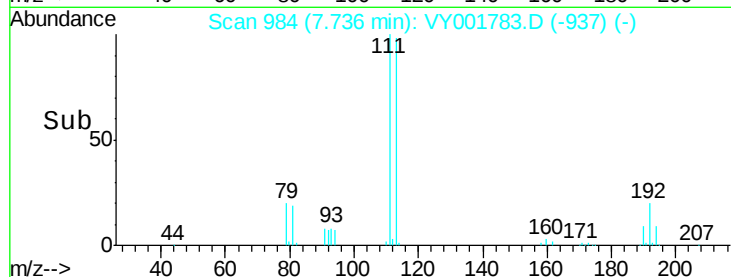
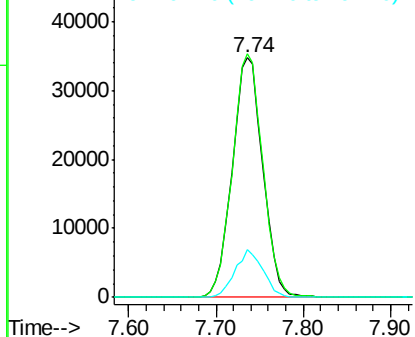
#35
 Dibromofluoromethane
 Concen: 51.43 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: VY001783.D
 Acq: 26 Feb 2020 14:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 B2-12-12.5-BGS

Tgt Ion:113 Resp: 84107
 Ion Ratio Lower Upper
 113 100
 111 100.9 81.9 122.9
 192 18.2 14.3 21.5

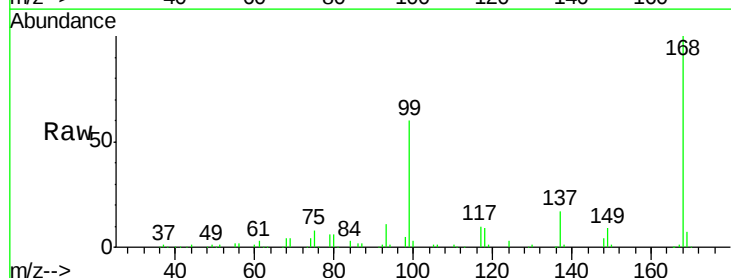


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

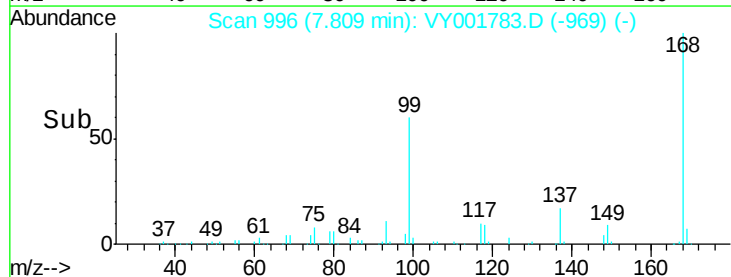
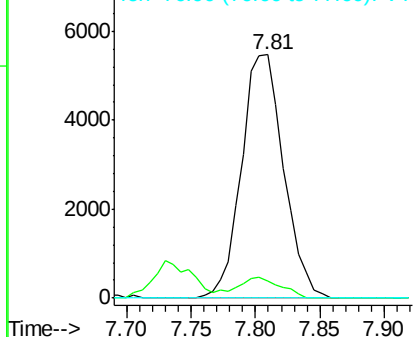


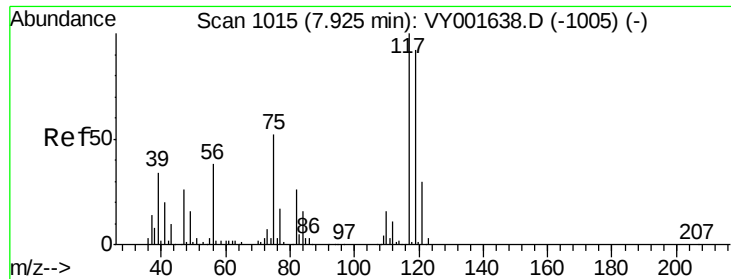
#36
 1,1-Dichloropropene
 Concen: 4.55 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.13 min
 Lab File: VY001783.D
 Acq: 26 Feb 2020 14:47

Tgt Ion: 75 Resp: 12412
 Ion Ratio Lower Upper
 75 100
 110 8.0 17.2 51.6#
 77 0.0 24.8 37.2#



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

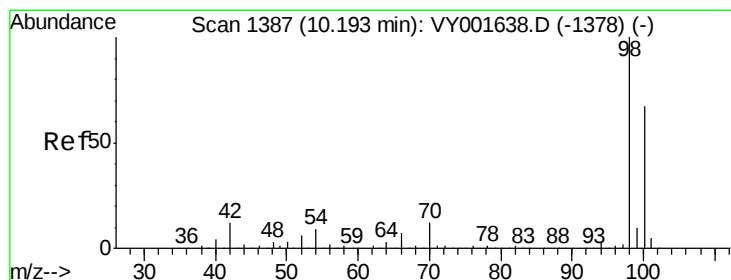
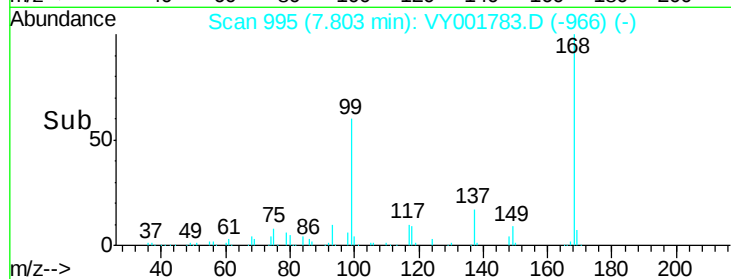
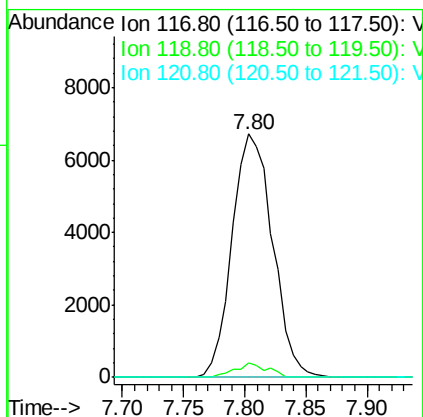
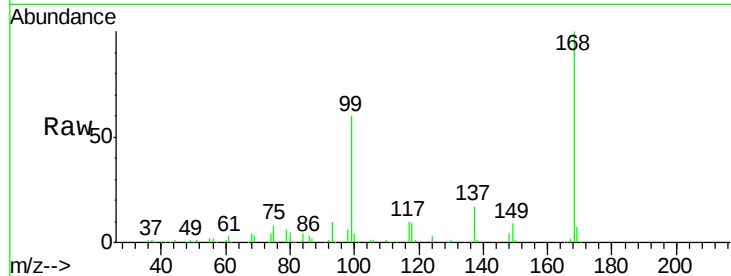




#38
Carbon Tetrachloride
Concen: 6.44 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.12 min
Lab File: VY001783.D
Acq: 26 Feb 2020 14:47

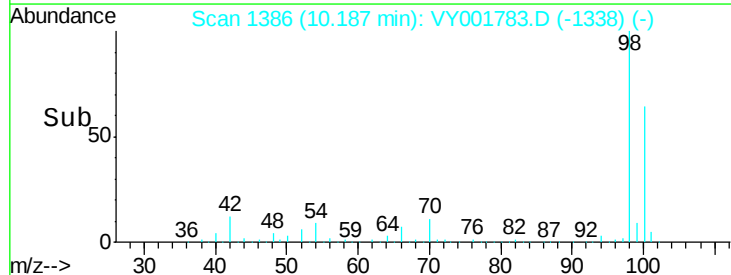
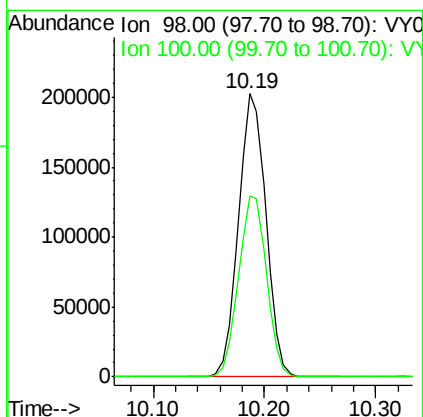
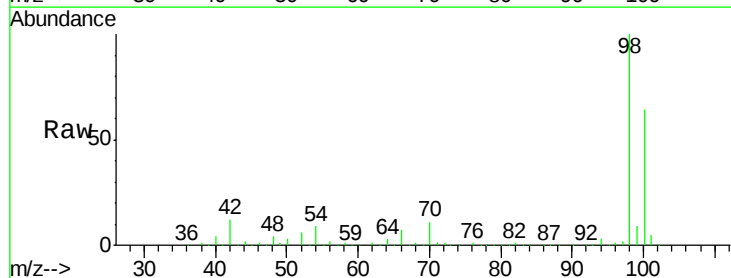
Instrument :
MSVOA_Y
ClientSampleId :
B2-12-12.5-BGS

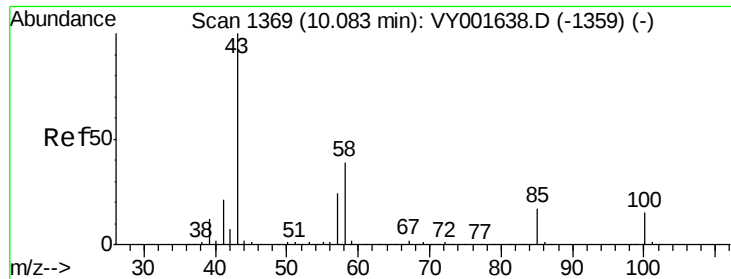
Tgt Ion:117 Resp: 15422
Ion Ratio Lower Upper
117 100
119 5.8 74.8 112.2#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 53.93 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.01 min
Lab File: VY001783.D
Acq: 26 Feb 2020 14:47

Tgt Ion: 98 Resp: 345550
Ion Ratio Lower Upper
98 100
100 65.3 53.0 79.4





#51

4-Methyl-2-Pentanone

Concen: 1.04 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.10 min

Lab File: VY001783.D

Acq: 26 Feb 2020 14:47

Instrument :

MSVOA_Y

ClientSampleId :

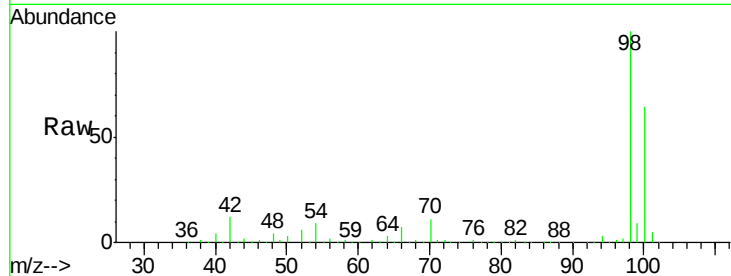
B2-12-12.5-BGS

Tgt Ion: 43 Resp: 1651

Ion Ratio Lower Upper

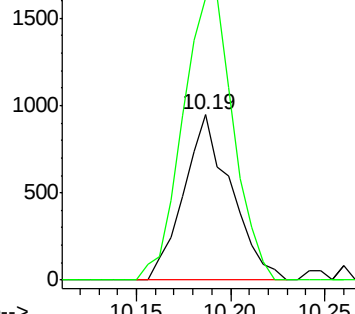
43 100

58 184.6 32.2 48.4#

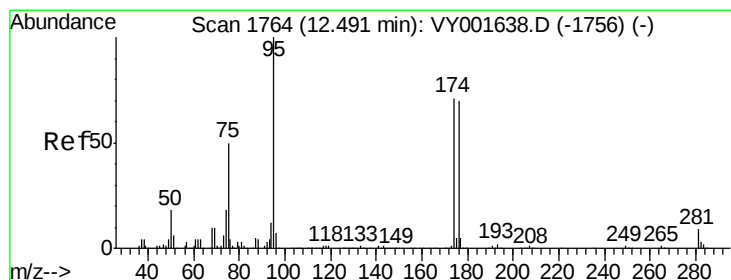
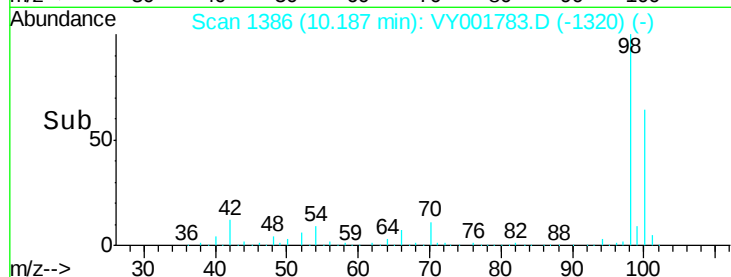


Abundance Ion 43.00 (42.70 to 43.70): VY001783.D (-1320) (-)

Ion 58.00 (57.70 to 58.70): VY001783.D (-1320) (-)



Time-->



#62

4-Bromofluorobenzene

Concen: 44.86 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.00 min

Lab File: VY001783.D

Acq: 26 Feb 2020 14:47

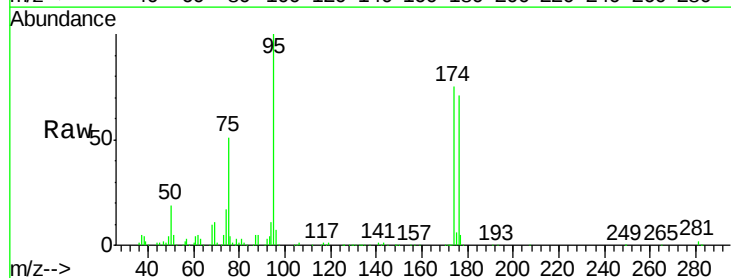
Tgt Ion: 95 Resp: 111659

Ion Ratio Lower Upper

95 100

174 73.3 0.0 138.4

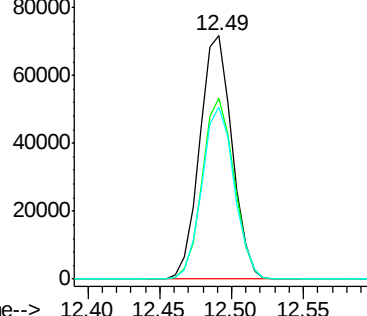
176 70.2 0.0 131.8



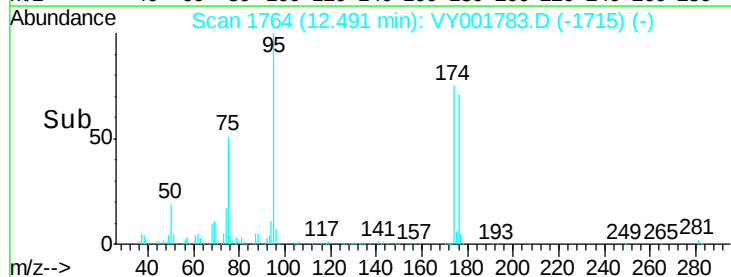
Abundance Ion 94.90 (94.60 to 95.60): VY001783.D (-1715) (-)

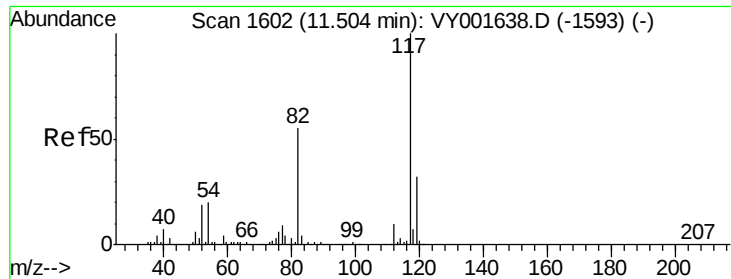
Ion 173.80 (173.50 to 174.50): VY001783.D (-1715) (-)

Ion 175.80 (175.50 to 176.50): VY001783.D (-1715) (-)



Time-->

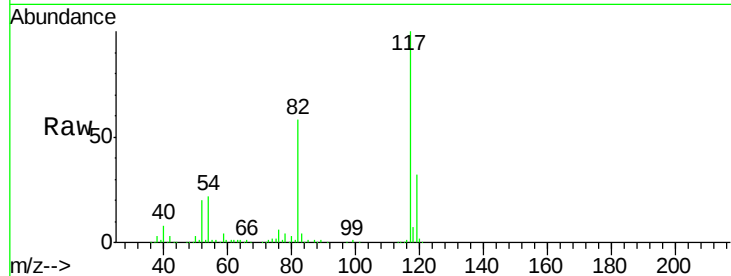




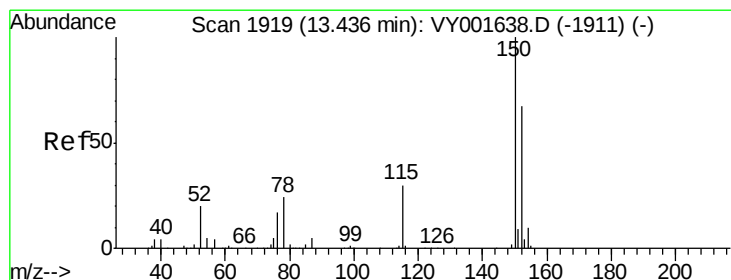
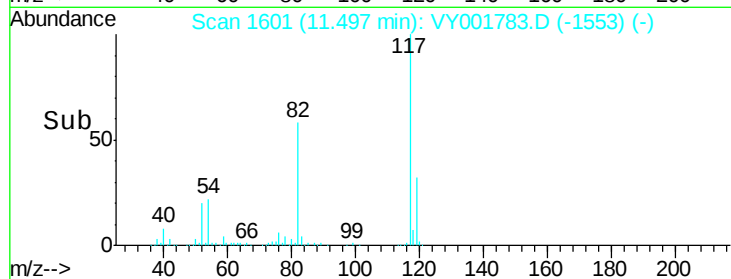
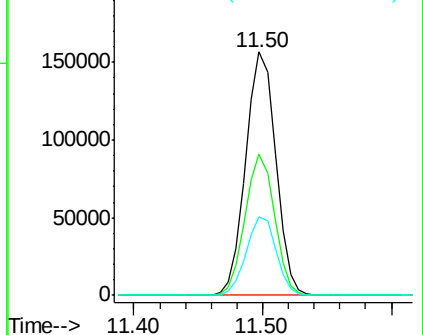
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001783.D
Acq: 26 Feb 2020 14:47

Instrument :
MSVOA_Y
ClientSampleId :
B2-12-12.5-BGS

Tgt Ion	Ratio	Lower	Upper
117	100		
82	58.2	45.5	68.3
119	32.3	25.8	38.6

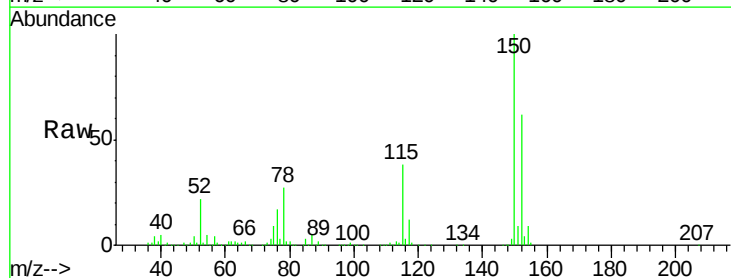


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

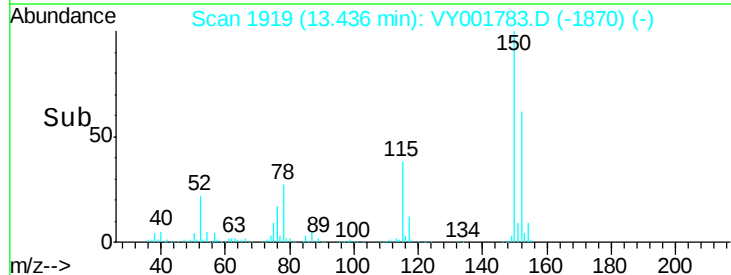
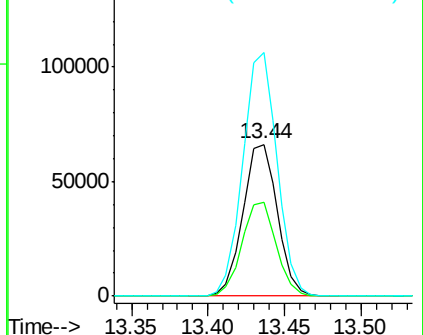


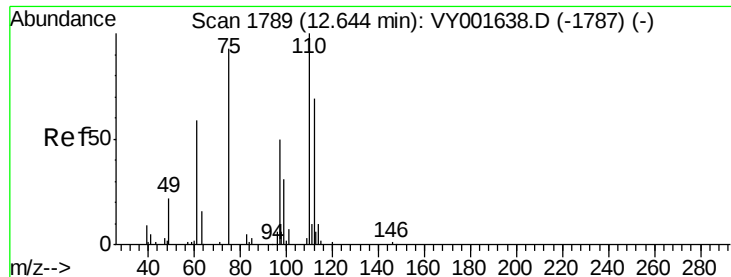
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. -0.00 min
Lab File: VY001783.D
Acq: 26 Feb 2020 14:47

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.4	31.4	94.2
150	159.4	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: 47.77 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.15 min

Lab File: VY001783.D

Acq: 26 Feb 2020 14:47

Instrument :

MSVOA_Y

ClientSampleId :

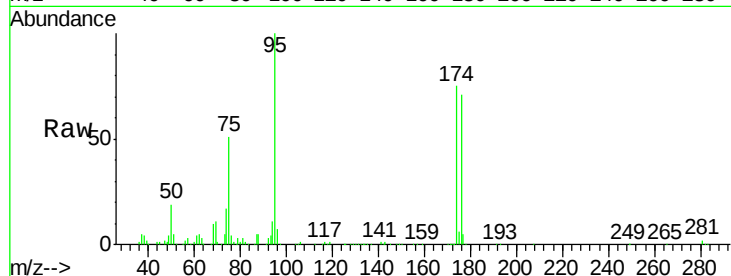
B2-12-12.5-BGS

Tgt Ion: 75 Resp: 56937

Ion Ratio Lower Upper

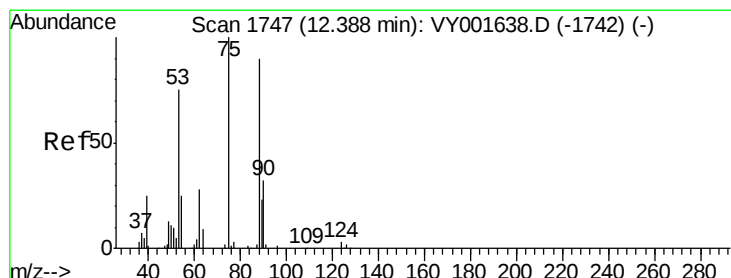
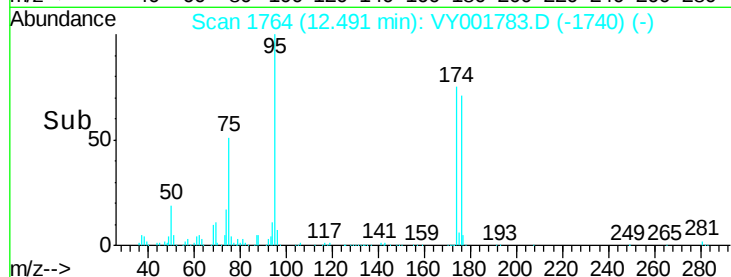
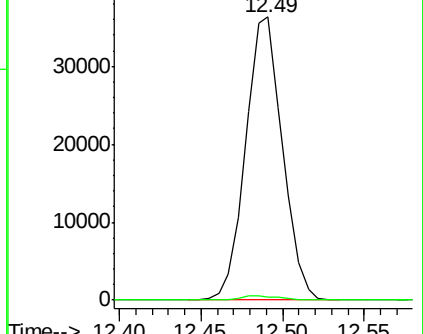
75 100

77 1.6 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: 90.62 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.10 min

Lab File: VY001783.D

Acq: 26 Feb 2020 14:47

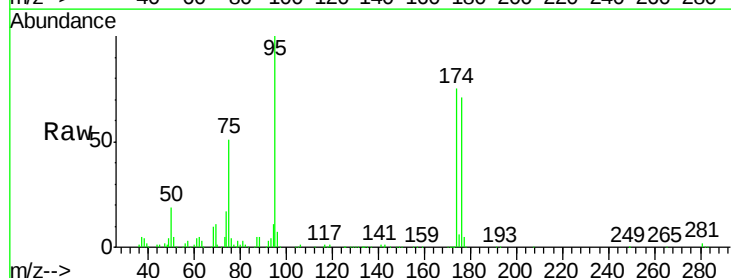
Tgt Ion: 75 Resp: 56937

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

