

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY013020\
 Data File : VY001435.D
 Acq On : 30 Jan 2020 17:06
 Operator : SY/MD
 Sample : L1319-15
 Misc : 2.06G/5ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 31 03:24:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:21:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.83	168	90056	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.72	114	168965	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.50	117	152481	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	69544	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.18	65	53048	54.13	ug/l	0.01
Spiked Amount			Recovery	=	108.26%	
35) Dibromofluoromethane	7.75	113	49761	50.18	ug/l	0.00
Spiked Amount			Recovery	=	100.36%	
50) Toluene-d8	10.20	98	199271	51.72	ug/l	0.01
Spiked Amount			Recovery	=	103.44%	
62) 4-Bromofluorobenzene	12.49	95	70886	46.20	ug/l	0.00
Spiked Amount			Recovery	=	92.40%	

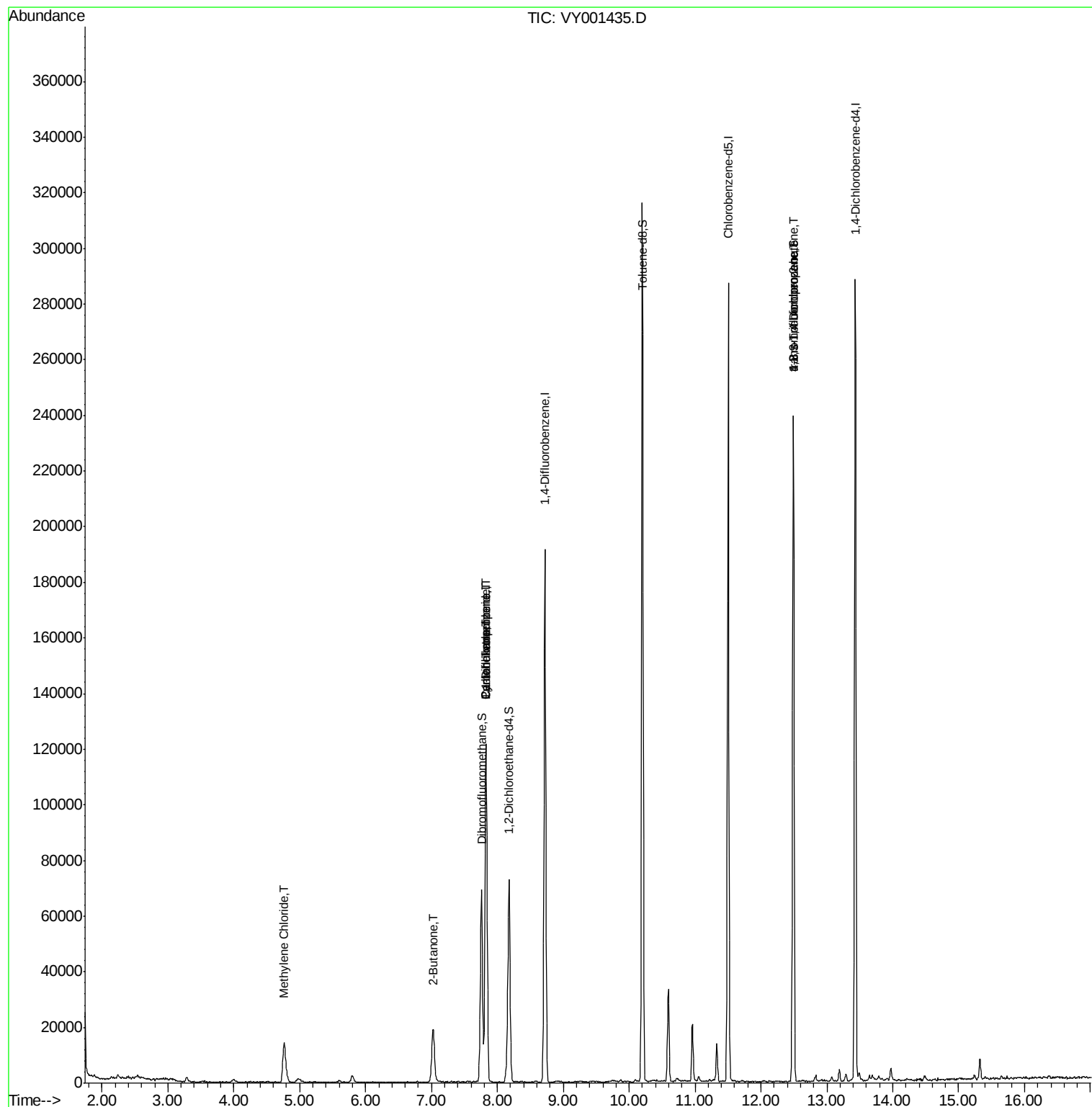
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.98	59	1255	Below Cal	#	80
13) Acrolein	3.78	56	26	Below Cal	#	15
20) Methylene Chloride	4.76	84	10741	5.068	ug/l #	87
25) 2-Butanone	7.02	43	1534	3.597	ug/l #	49
31) Cyclohexane	7.83	56	1998	1.054	ug/l #	1
36) 1,1-Dichloropropene	7.82	75	7411	4.643	ug/l #	49
38) Carbon Tetrachloride	7.83	117	9073	6.378	ug/l #	16
76) 1,2,3-Trichloropropane	12.49	75	35911	42.853	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	35911	81.094	ug/l #	14

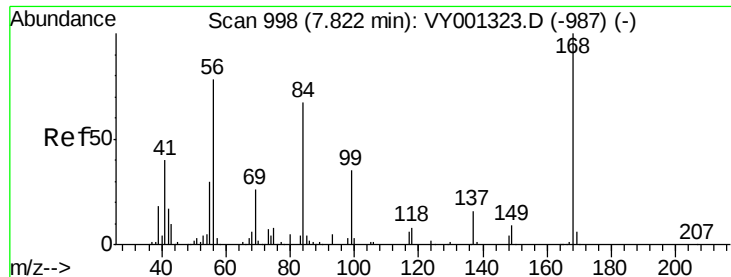
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY013020\
Data File : VY001435.D
Acq On : 30 Jan 2020 17:06
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ALS Vial : 13 Sample Multiplier: 1

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ClientSampleId :

Quant Time: Jan 31 03:24:09 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
Quant Title : SW846 8260
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Response via : Initial Calibration



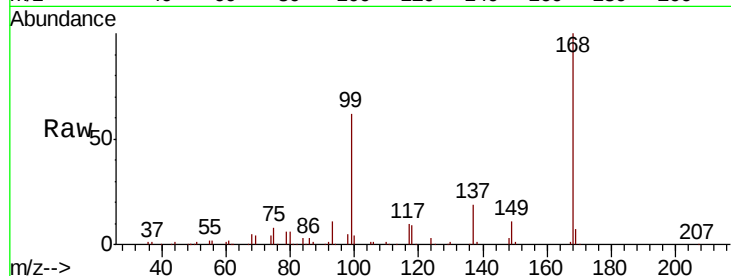


#1

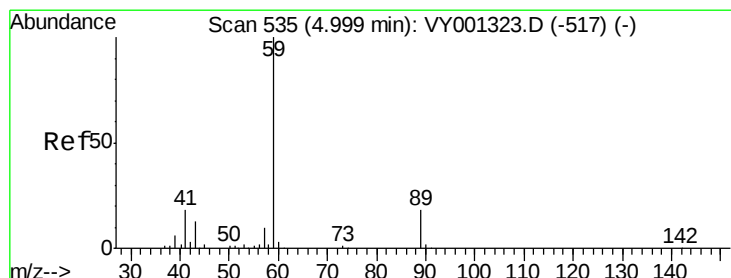
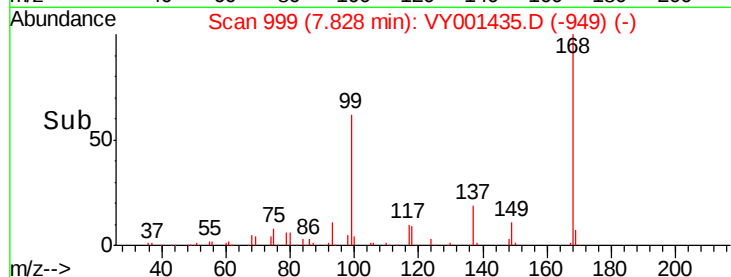
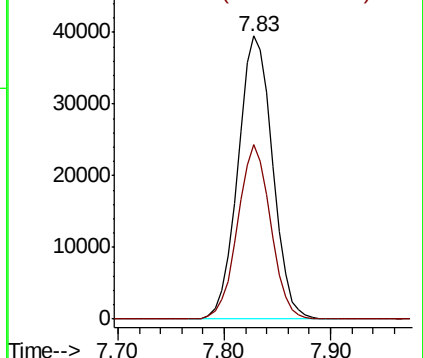
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.83 min Scan# 999
 Delta R.T. 0.01 min
 Lab File: VY001435.D
 Acq: 30 Jan 2020 17:06

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion:168 Resp: 90056
 Ion Ratio Lower Upper
 168 100
 99 61.6 44.3 66.5



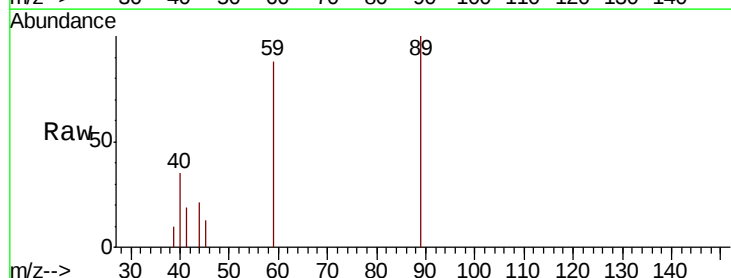
Abundance Ion 167.90 (167.60 to 168.60): VY001435.D (-949) (-)
 Ion 98.90 (98.60 to 99.60): VY001435.D (-949) (-)



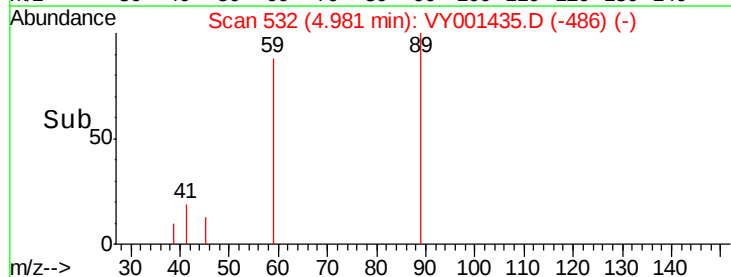
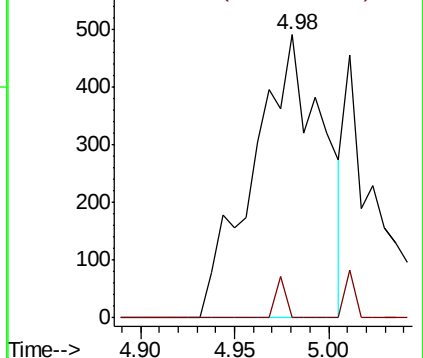
#11

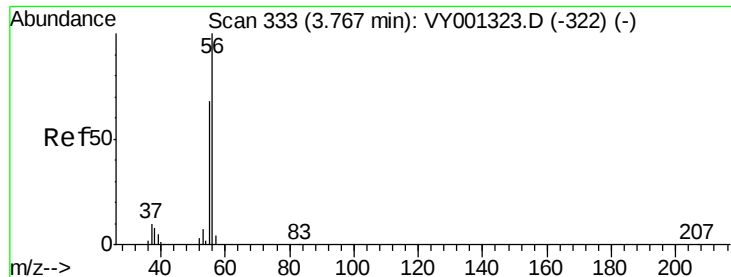
Tert butyl alcohol
 Concen: Below Cal
 RT: 4.98 min Scan# 532
 Delta R.T. -0.02 min
 Lab File: VY001435.D
 Acq: 30 Jan 2020 17:06

Tgt Ion: 59 Resp: 1255
 Ion Ratio Lower Upper
 59 100
 57 2.1 7.4 11.2#



Abundance Ion 59.00 (58.70 to 59.70): VY001435.D (-486) (-)
 Ion 57.00 (56.70 to 57.70): VY001435.D (-486) (-)





#13

Acrolein

Concen: Below Cal

RT: 3.78 min Scan# 335

Delta R.T. 0.01 min

Lab File: VY001435.D

Acq: 30 Jan 2020 17:06

Instrument :

MSVOA_Y

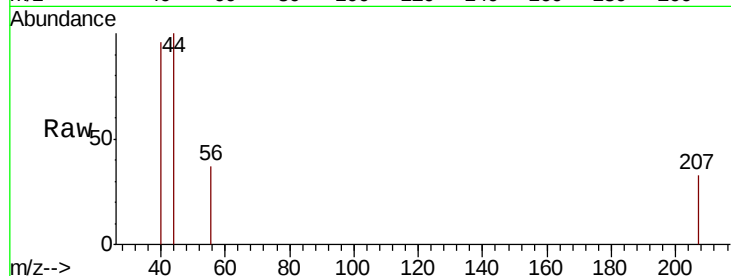
ClientSampleId :

Tot Ion: 56 Resp: 26

Ion Ratio Lower Upper

56 100

55 0.0 55.9 83.9#

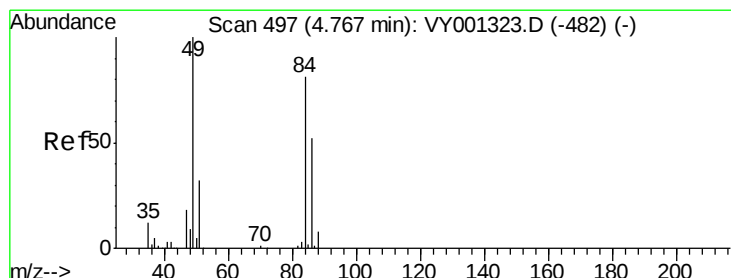
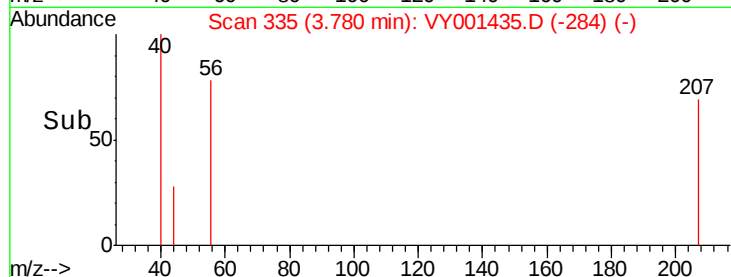


Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

3.78

Time-->



#20

Methylene Chloride

Concen: 5.068 ug/l

RT: 4.76 min Scan# 496

Delta R.T. -0.01 min

Lab File: VY001435.D

Acq: 30 Jan 2020 17:06

Tgt Ion: 84 Resp: 10741

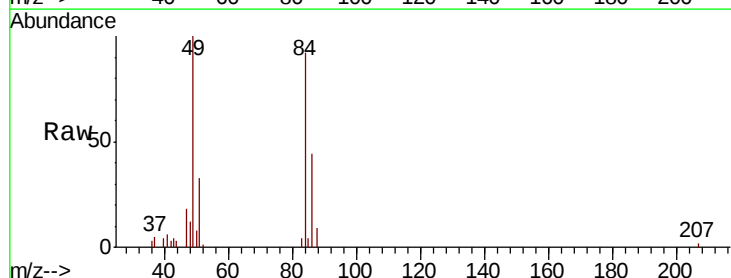
Ion Ratio Lower Upper

84 100

49 109.1 98.3 147.5

51 35.8 31.6 47.4

86 47.8 51.1 76.7#



Abundance Ion 83.90 (83.60 to 84.60): VY0

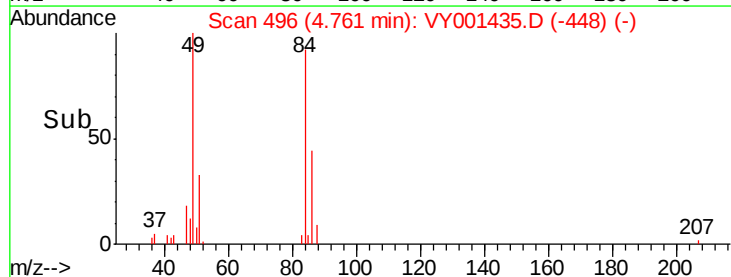
Ion 48.90 (48.60 to 49.60): VY0

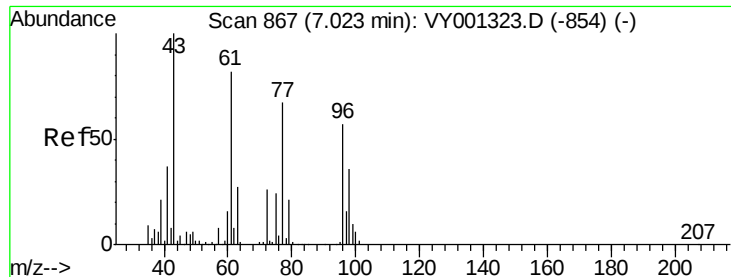
Ion 50.90 (50.60 to 51.60): VY0

Ion 85.90 (85.60 to 86.60): VY0

4.76

Time-->

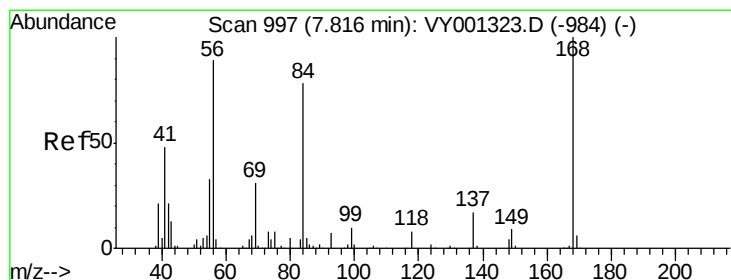
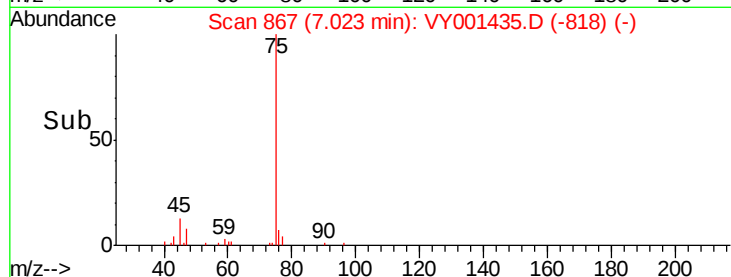
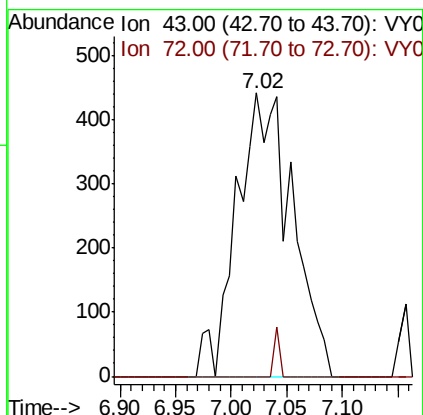
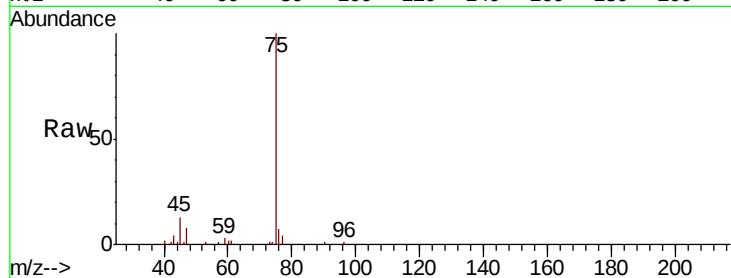




#25
2-Butanone
Concen: 3.597 ug/l
RT: 7.02 min Scan# 867
Delta R.T. -0.00 min
Lab File: VY001435.D
Acq: 30 Jan 2020 17:06

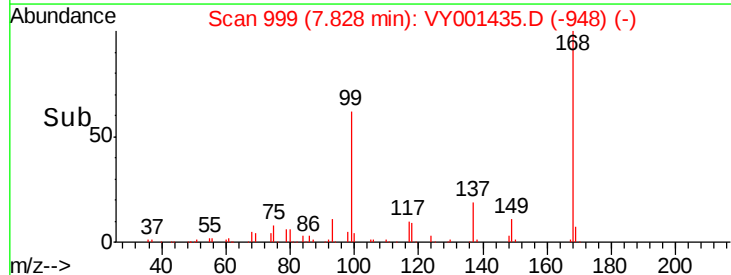
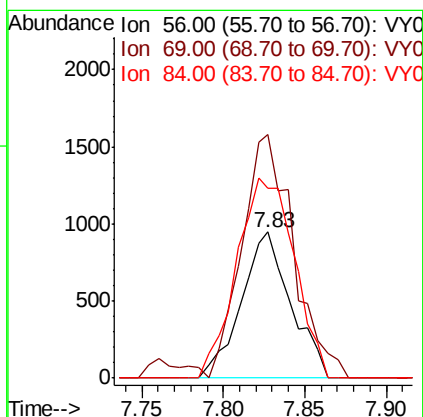
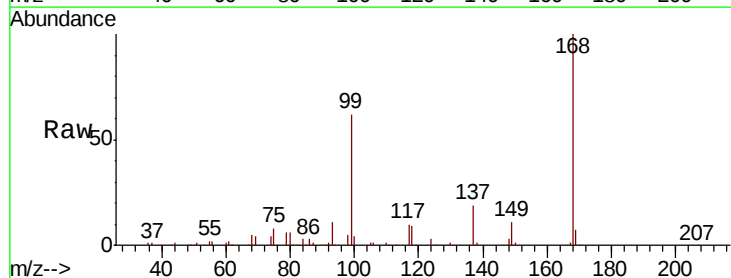
Instrument :
MSVOA_Y
ClientSampleId :

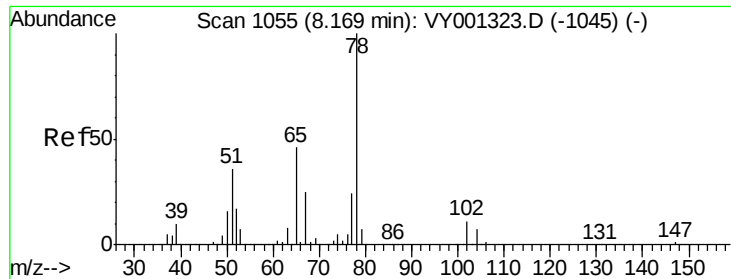
Tot Ion: 43 Resp: 1534
Ion Ratio Lower Upper
43 100
72 0.0 20.6 31.0#



#31
Cyclohexane
Concen: 1.054 ug/l
RT: 7.83 min Scan# 999
Delta R.T. 0.01 min
Lab File: VY001435.D
Acq: 30 Jan 2020 17:06

Tgt Ion: 56 Resp: 1998
Ion Ratio Lower Upper
56 100
69 158.7 27.6 41.4#
84 144.8 69.7 104.5#

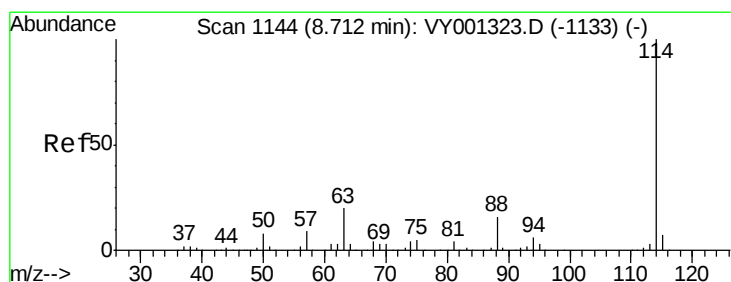
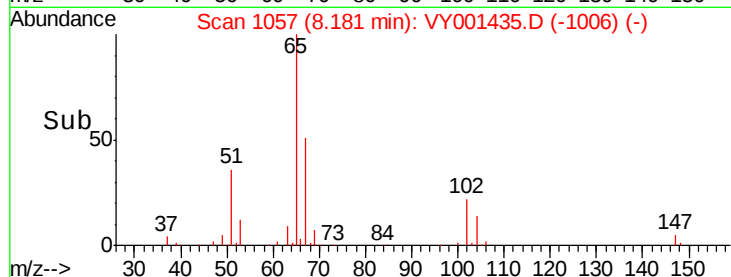
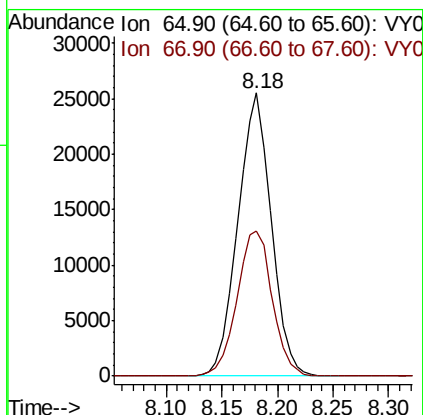
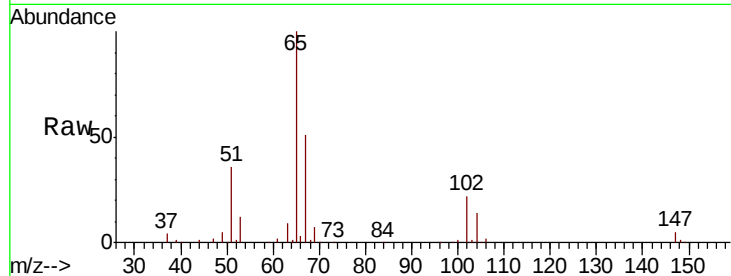




#33
 1,2-Dichloroethane-d4
 Concen: 54.134 ug/l
 RT: 8.18 min Scan# 1057
 Delta R.T. 0.01 min
 Lab File: VY001435.D
 Acq: 30 Jan 2020 17:06

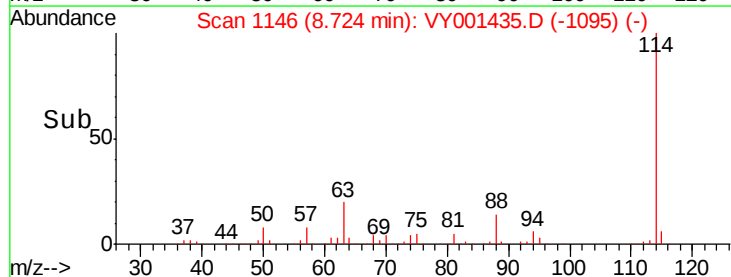
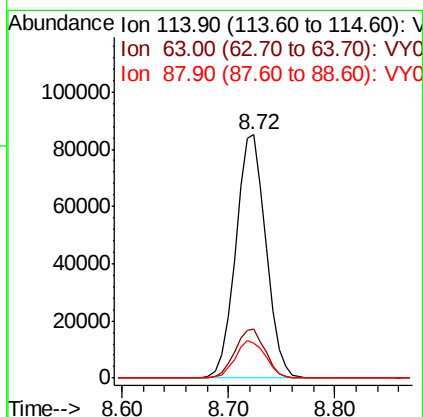
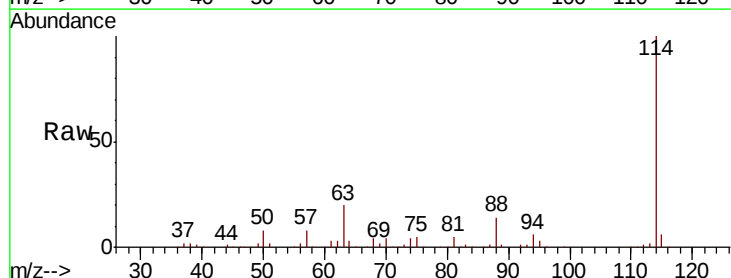
Instrument :
 MSVOA_Y
 ClientSampleId :

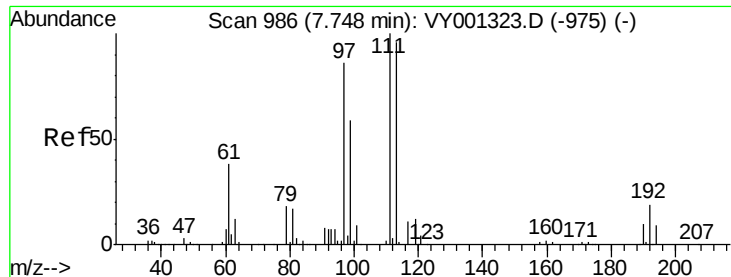
Tot Ion: 65 Resp: 53048
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.72 min Scan# 1146
 Delta R.T. 0.01 min
 Lab File: VY001435.D
 Acq: 30 Jan 2020 17:06

Tgt Ion: 114 Resp: 168965
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 40.8
 88 14.5 0.0 31.0

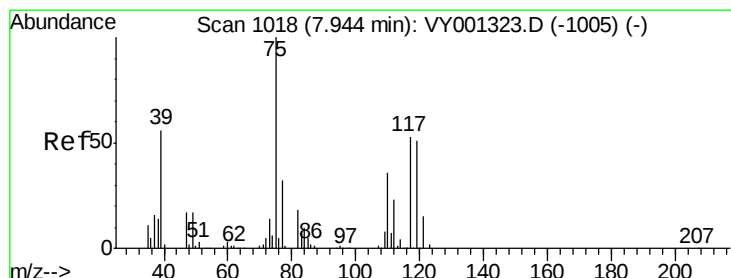
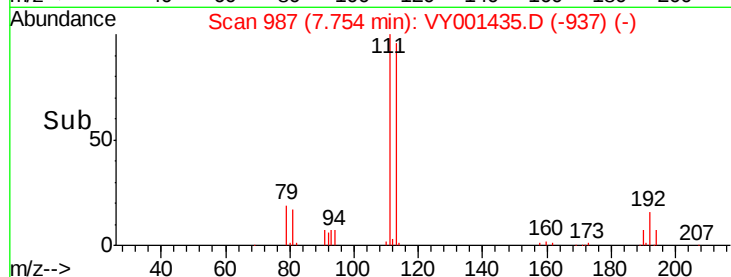
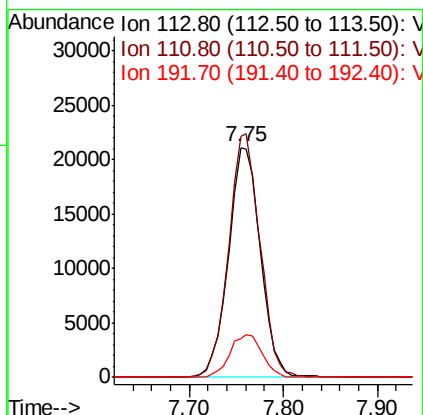
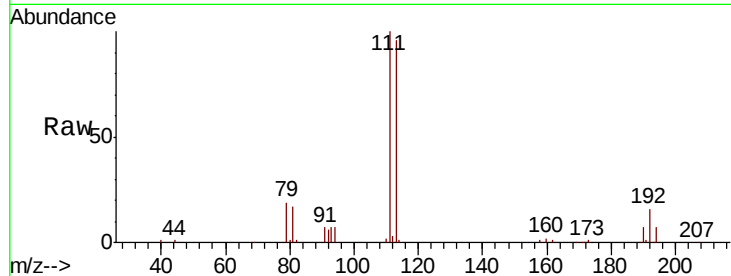




#35
Dibromofluoromethane
Concen: 50.179 ug/l
RT: 7.75 min Scan# 987
Delta R.T. 0.01 min
Lab File: VY001435.D
Acq: 30 Jan 2020 17:06

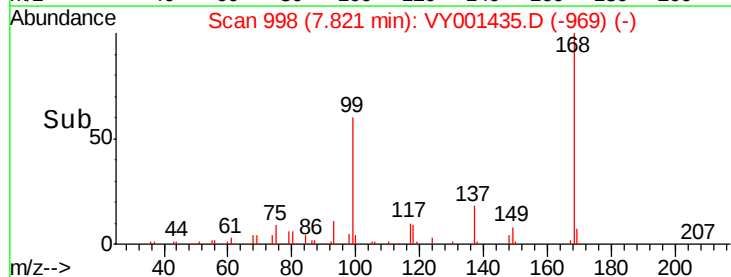
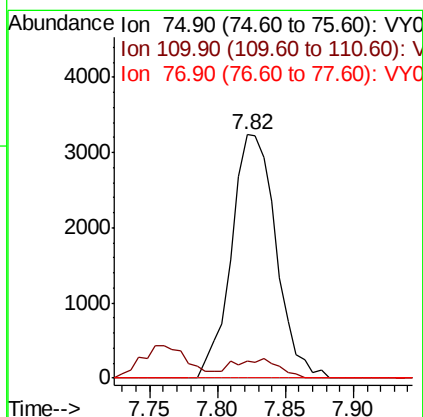
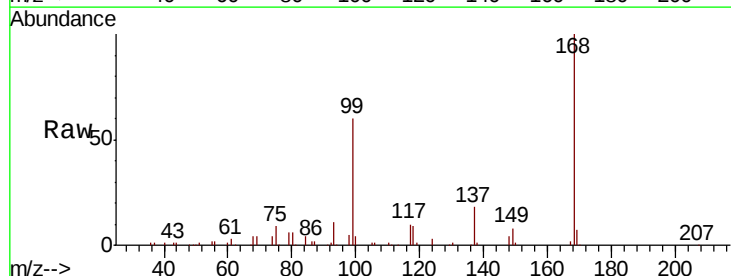
Instrument :
MSVOA_Y
ClientSampleId :

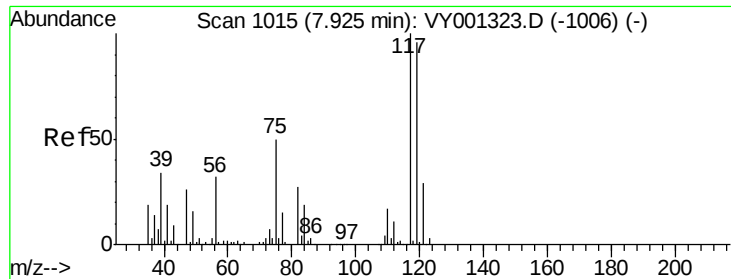
Tot Ion:113 Resp: 49761
Ion Ratio Lower Upper
113 100
111 103.6 82.8 124.2
192 18.9 15.5 23.3



#36
1,1-Dichloropropene
Concen: 4.643 ug/l
RT: 7.82 min Scan# 998
Delta R.T. -0.12 min
Lab File: VY001435.D
Acq: 30 Jan 2020 17:06

Tgt Ion: 75 Resp: 7411
Ion Ratio Lower Upper
75 100
110 8.3 17.6 52.8#
77 0.0 24.7 37.1#

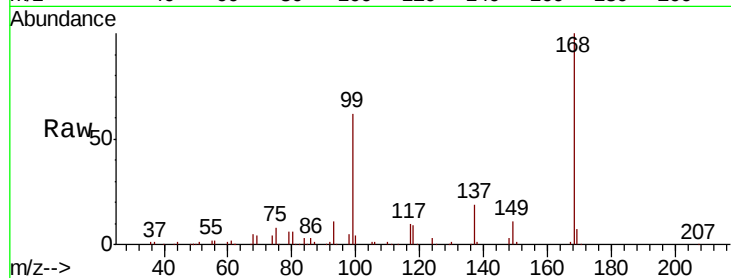




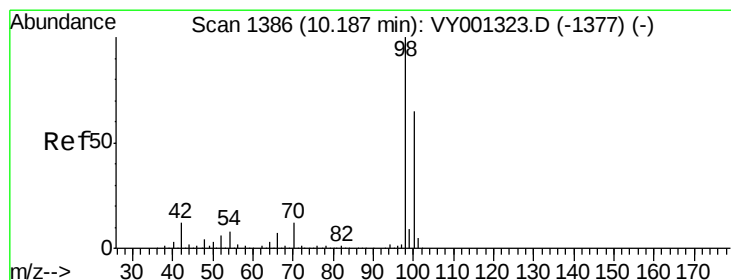
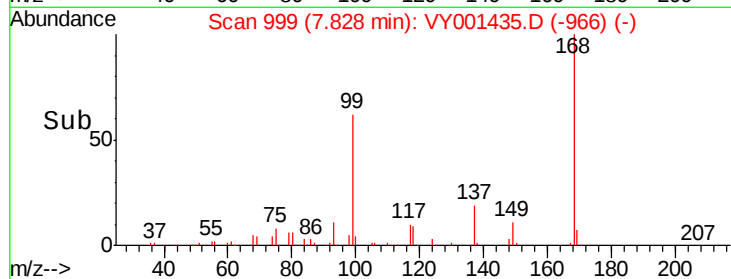
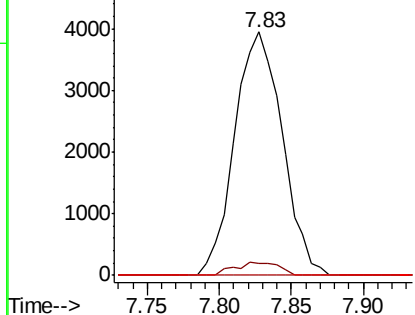
#38
Carbon Tetrachloride
Concen: 6.378 ug/l
RT: 7.83 min Scan# 999
Delta R.T. -0.10 min
Lab File: VY001435.D
Acq: 30 Jan 2020 17:06

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 9073
Ion Ratio Lower Upper
117 100
119 4.9 76.3 114.5#
121 0.0 23.5 35.3#

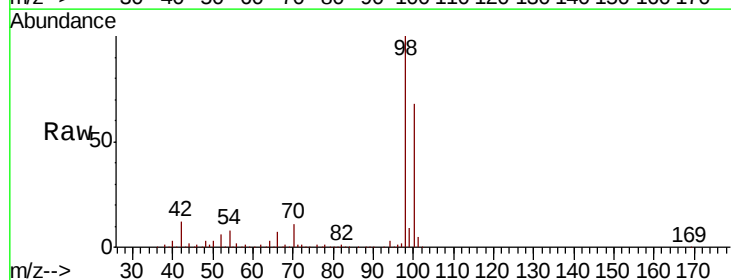


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

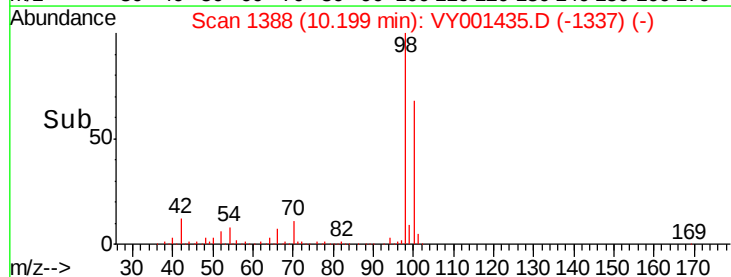
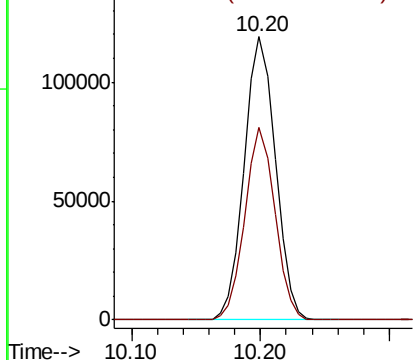


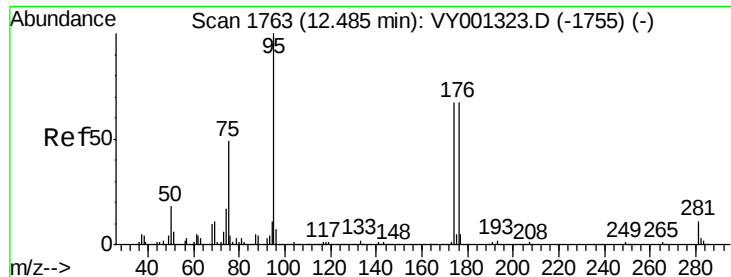
#50
Toluene-d8
Concen: 51.720 ug/l
RT: 10.20 min Scan# 1388
Delta R.T. 0.01 min
Lab File: VY001435.D
Acq: 30 Jan 2020 17:06

Tgt Ion: 98 Resp: 199271
Ion Ratio Lower Upper
98 100
100 65.4 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY





#62

4-Bromofluorobenzene

Concen: 46.200 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY001435.D

Acq: 30 Jan 2020 17:06

Instrument :

MSVOA_Y

ClientSampleId :

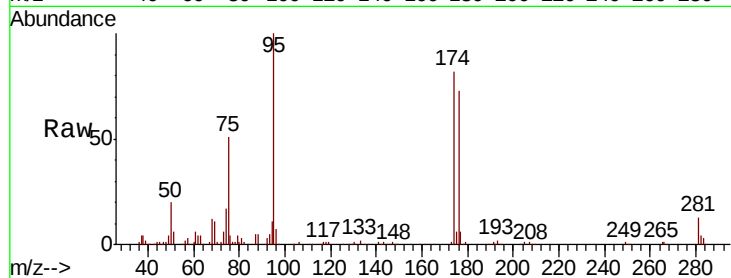
Tot Ion: 95 Resp: 70886

Ion Ratio Lower Upper

95 100

174 77.5 0.0 142.0

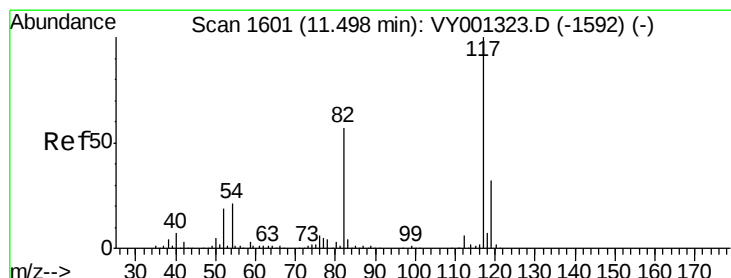
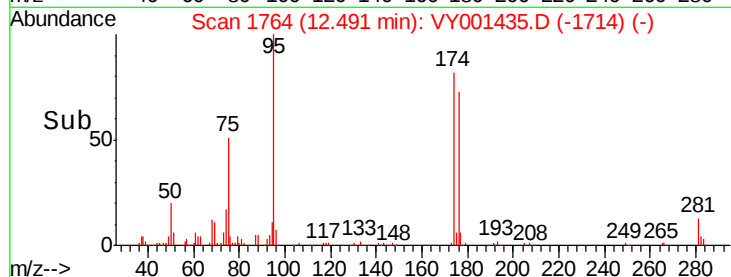
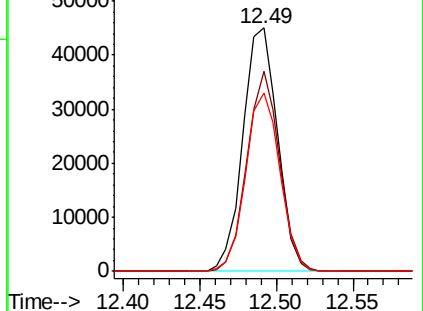
176 72.7 0.0 138.6



Abundance Ion 94.90 (94.60 to 95.60): VY001435.D (-1755) (-)

Ion 173.80 (173.50 to 174.50): VY001435.D (-1755) (-)

Ion 175.80 (175.50 to 176.50): VY001435.D (-1755) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.50 min Scan# 1602

Delta R.T. 0.01 min

Lab File: VY001435.D

Acq: 30 Jan 2020 17:06

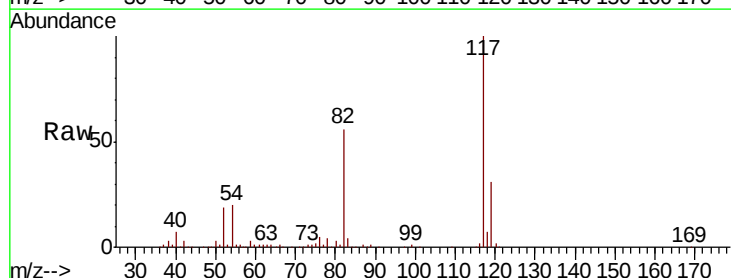
Tgt Ion: 117 Resp: 152481

Ion Ratio Lower Upper

117 100

82 55.9 45.5 68.3

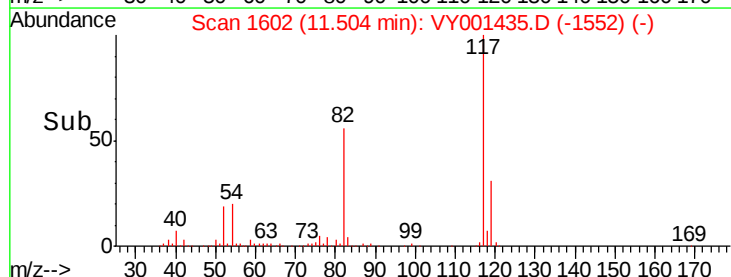
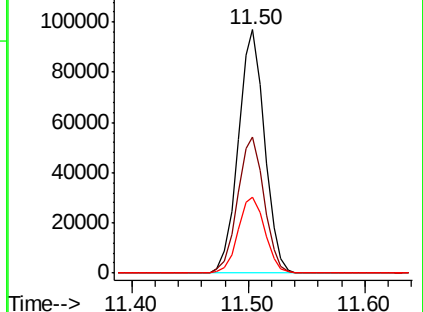
119 31.3 25.8 38.6

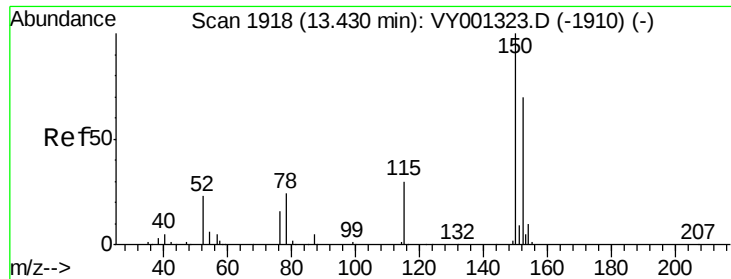


Abundance Ion 116.90 (116.60 to 117.60): VY001435.D (-1592) (-)

Ion 82.00 (81.70 to 82.70): VY001435.D (-1592) (-)

Ion 118.90 (118.60 to 119.60): VY001435.D (-1592) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. -0.00 min

Lab File: VY001435.D

Acq: 30 Jan 2020 17:06

Instrument :

MSVOA_Y

ClientSampleId :

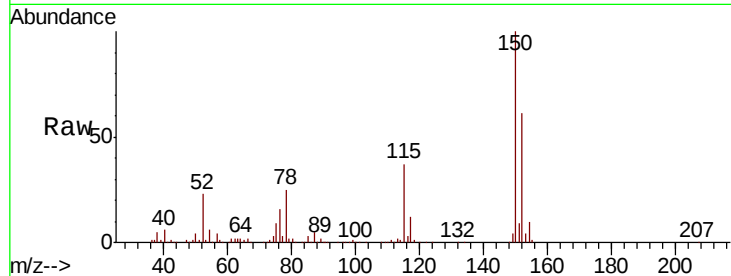
Tot Ion:152 Resp: 69544

Ion Ratio Lower Upper

152 100

115 60.3 30.9 92.8

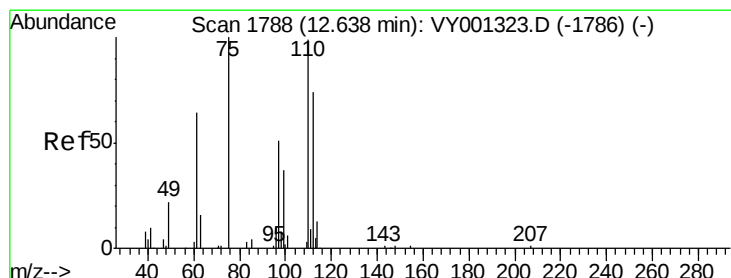
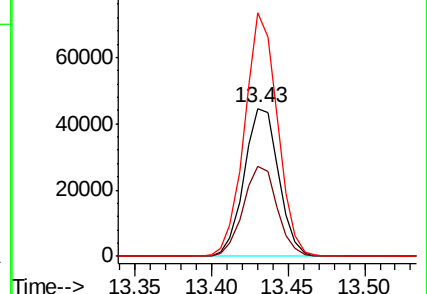
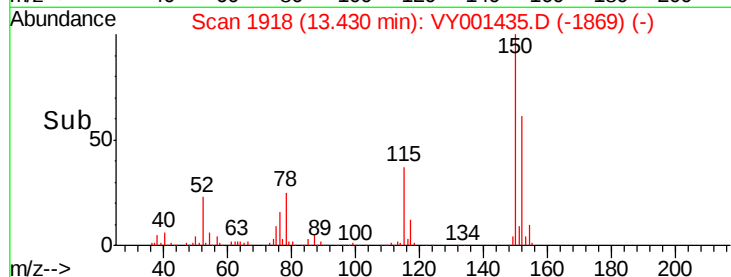
150 157.0 0.0 349.2



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: 42.853 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.15 min

Lab File: VY001435.D

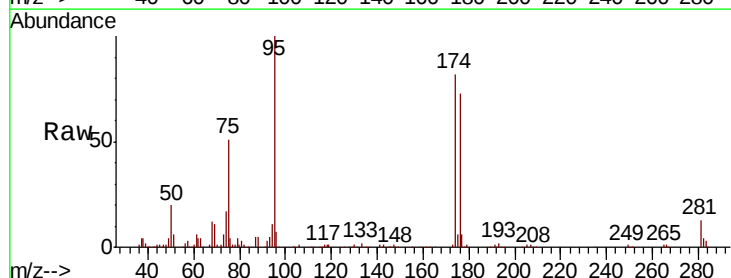
Acq: 30 Jan 2020 17:06

Tgt Ion: 75 Resp: 35911

Ion Ratio Lower Upper

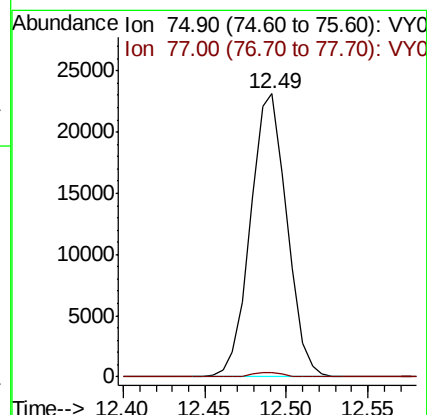
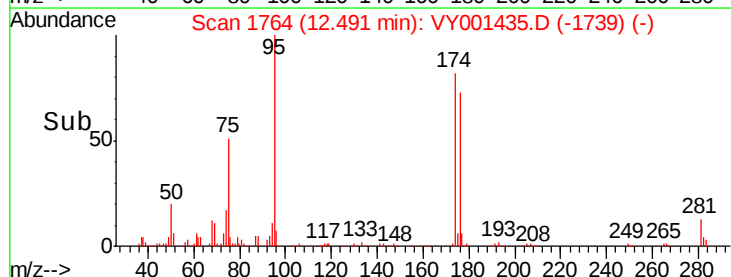
75 100

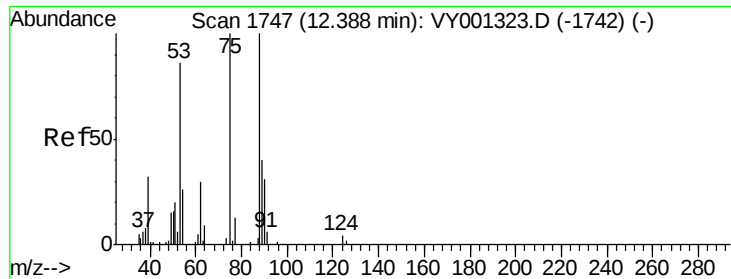
77 1.3 0.0 0.0#



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: 81.094 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.10 min

Lab File: VY001435.D

Acq: 30 Jan 2020 17:06

Instrument :

MSVOA_Y

ClientSampleId :

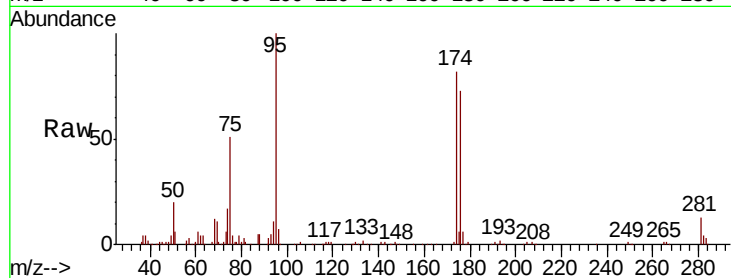
Tot Ion: 75 Resp: 35911

Ion Ratio Lower Upper

75 100

53 0.0 69.9 104.9#

89 0.3 36.6 54.8#



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

