

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY020620\
 Data File : VY001536.D
 Acq On : 06 Feb 2020 17:19
 Operator : SY/MD
 Sample : L1408-07RE
 Misc : 4.67G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 07 04:08:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 15:10:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	167951	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	312830	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	282126	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	119295	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	103029	60.93	ug/l	0.00
Spiked Amount			Recovery	=	121.86%	
35) Dibromofluoromethane	7.74	113	92909	51.50	ug/l	0.00
Spiked Amount			Recovery	=	103.00%	
50) Toluene-d8	10.19	98	366810	53.74	ug/l	0.00
Spiked Amount			Recovery	=	107.48%	
62) 4-Bromofluorobenzene	12.49	95	131861	49.04	ug/l	0.00
Spiked Amount			Recovery	=	98.08%	

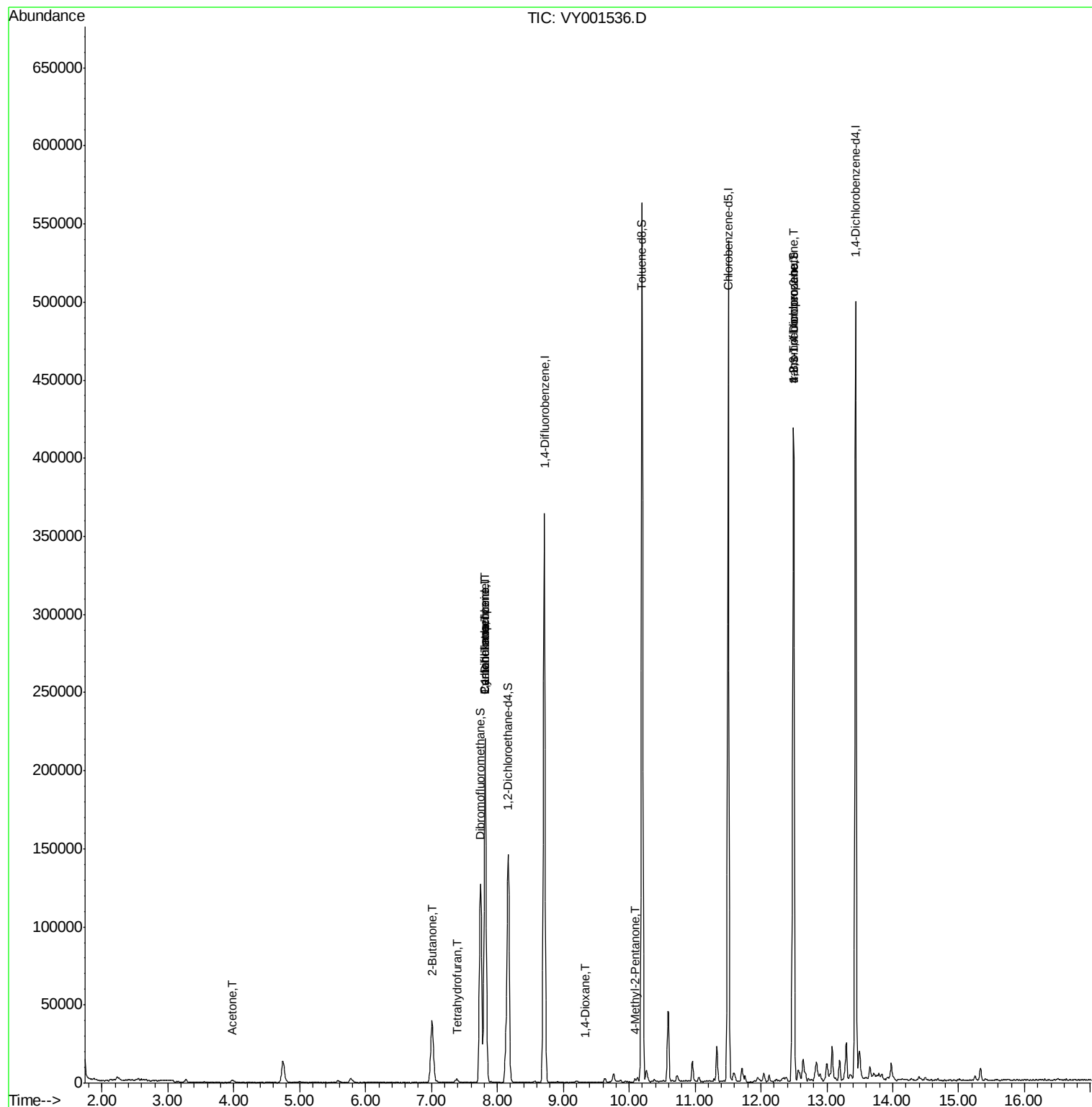
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.99	59	1003	Below Cal	#	82
16) Acetone	3.97	43	3258	6.661	ug/l	92
25) 2-Butanone	7.01	43	3049	4.805	ug/l #	77
29) Tetrahydrofuran	7.38	42	1944	5.111	ug/l	89
31) Cyclohexane	7.82	56	3793	1.152	ug/l #	5
36) 1,1-Dichloropropene	7.82	75	13709	4.790	ug/l #	49
38) Carbon Tetrachloride	7.81	117	16391	5.920	ug/l #	17
49) 1,4-Dioxane	9.33	88	49	3.352	ug/l #	1
51) 4-Methyl-2-Pentanone	10.08	43	1679	1.243	ug/l	94
76) 1,2,3-Trichloropropane	12.49	75	66400	51.758	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	66400	100.149	ug/l #	16

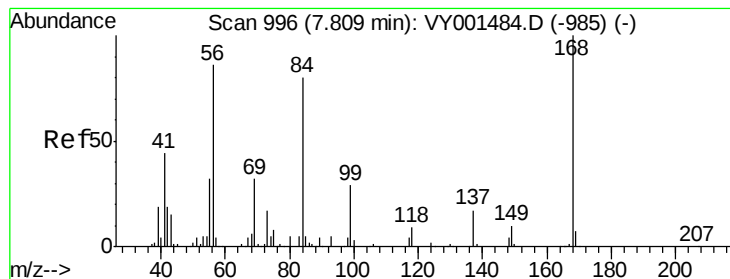
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY020620\
Data File : VY001536.D
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Operator : SY/MD
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ClientSampleId :

Quant Time: Feb 07 04:08:55 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
Quant Title : SW846 8260
QLast Update : Tue Feb 04 15:10:08 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY001536.D

Acq: 06 Feb 2020 17:19

Instrument :

MSVOA_Y

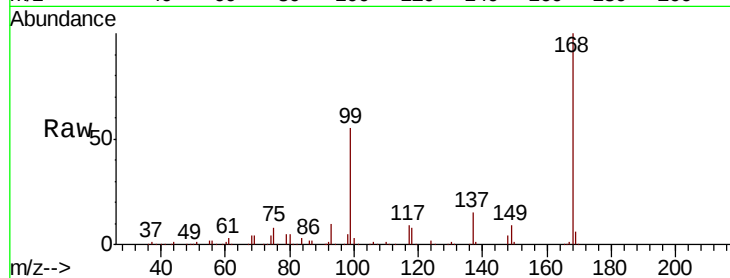
ClientSampled :

Tot Ion:168 Resp: 167951

Ion Ratio Lower Upper

168 100

99 55.1 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VY001536.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY001536.D (-947) (-)

7.82

80000

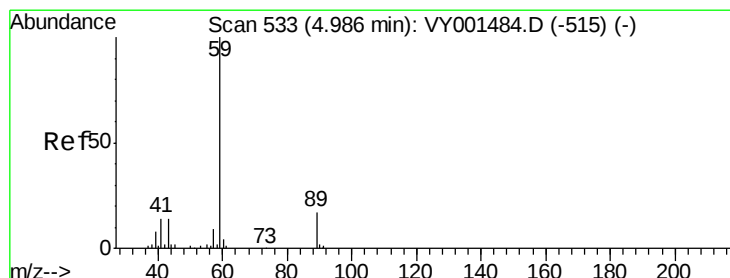
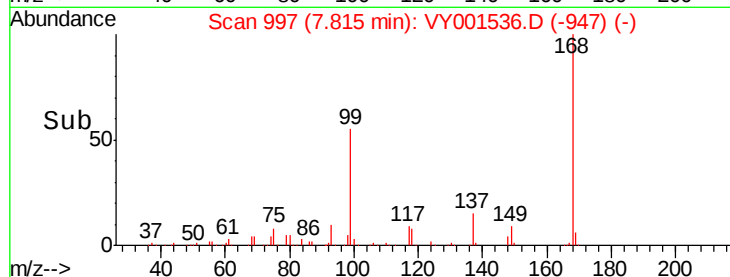
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.99 min Scan# 534

Delta R.T. 0.01 min

Lab File: VY001536.D

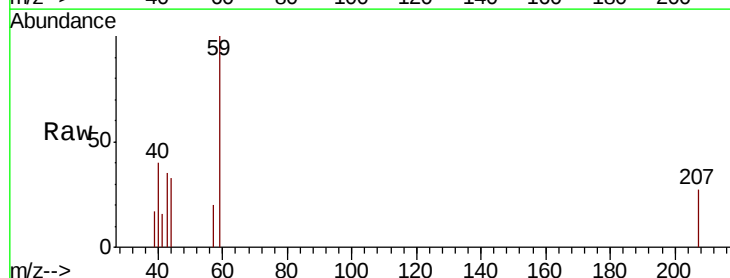
Acq: 06 Feb 2020 17:19

Tgt Ion: 59 Resp: 1003

Ion Ratio Lower Upper

59 100

57 2.4 7.0 10.6#



Abundance Ion 59.00 (58.70 to 59.70): VY001536.D (-484) (-)

Ion 57.00 (56.70 to 57.70): VY001536.D (-484) (-)

4.99

400

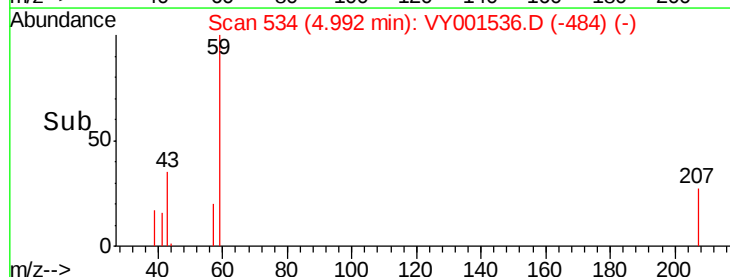
300

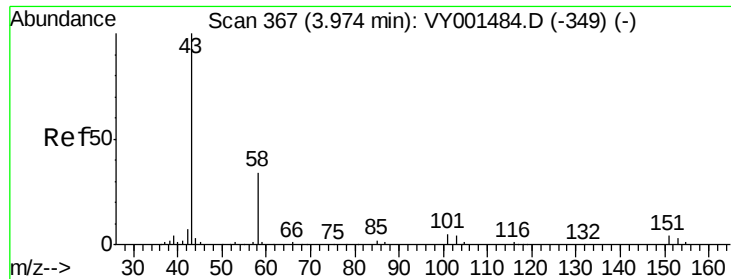
200

100

0

Time-->





#16

Acetone

Concen: 6.661 ug/l

RT: 3.97 min Scan# 366

Delta R.T. -0.01 min

Lab File: VY001536.D

Acq: 06 Feb 2020 17:19

Instrument :

MSVOA_Y

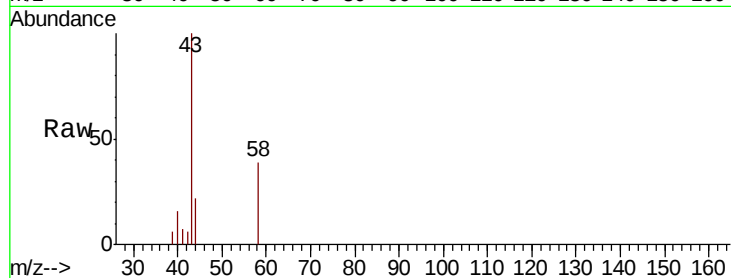
ClientSampled :

Tot Ion: 43 Resp: 3258

Ion Ratio Lower Upper

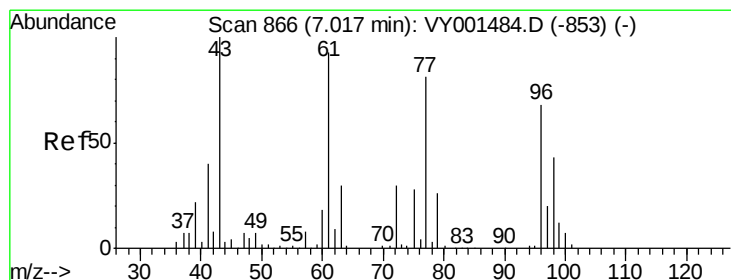
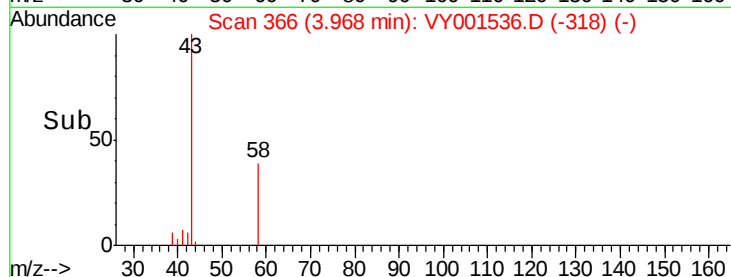
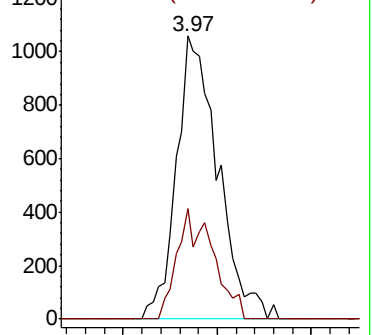
43 100

58 39.2 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#25

2-Butanone

Concen: 4.805 ug/l

RT: 7.01 min Scan# 865

Delta R.T. -0.01 min

Lab File: VY001536.D

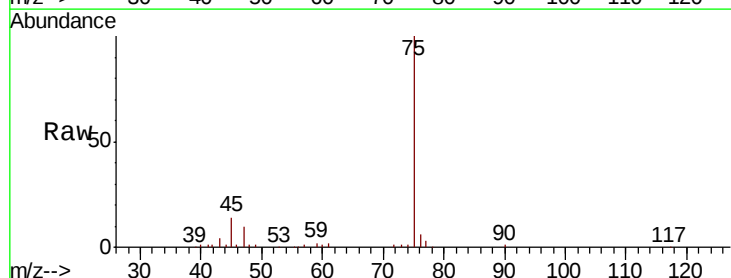
Acq: 06 Feb 2020 17:19

Tgt Ion: 43 Resp: 3049

Ion Ratio Lower Upper

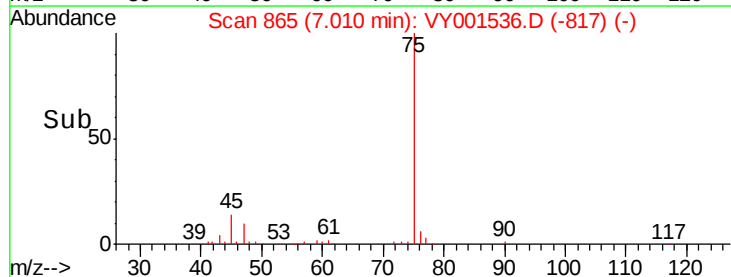
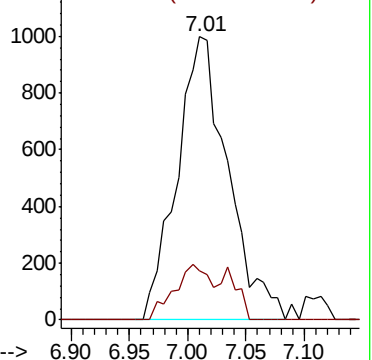
43 100

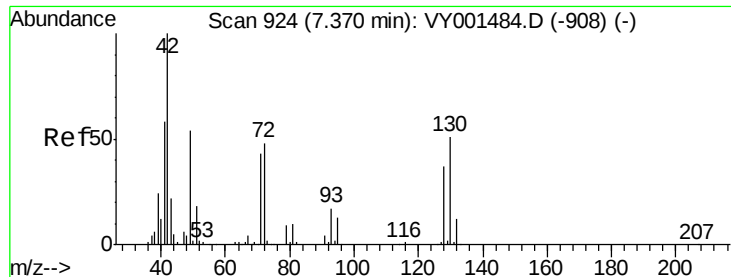
72 17.4 23.8 35.8#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

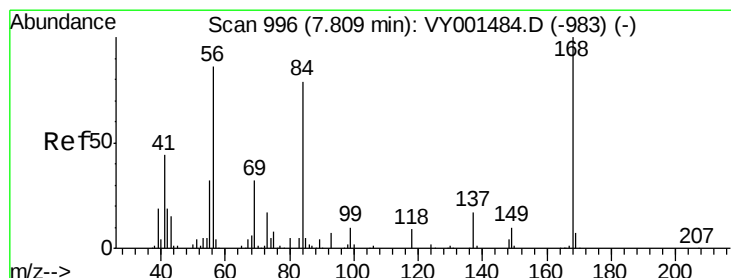
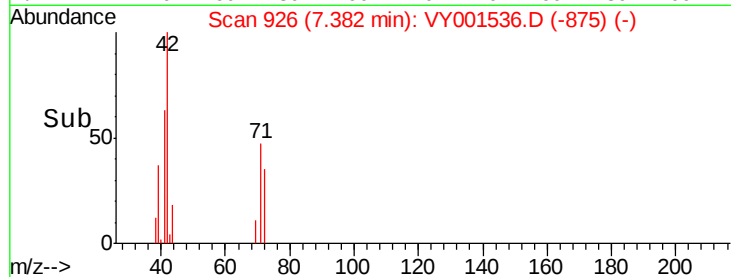
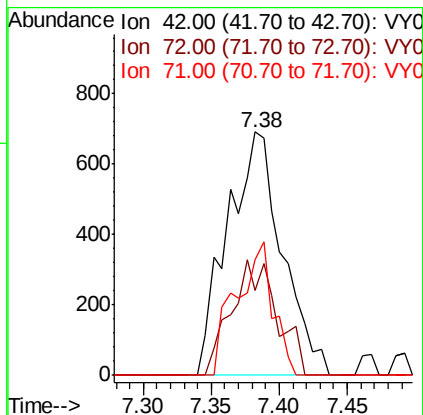
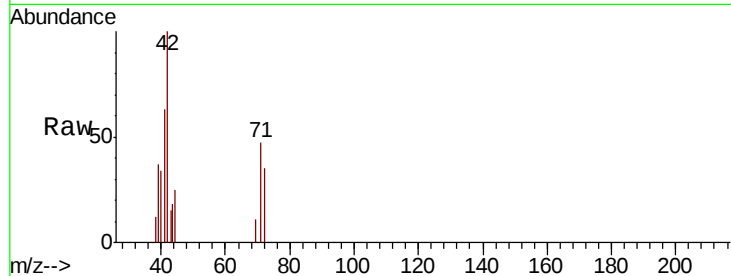




#29
Tetrahydrofuran
Concen: 5.111 ug/l
RT: 7.38 min Scan# 926
Delta R.T. 0.01 min
Lab File: VY001536.D
Acq: 06 Feb 2020 17:19

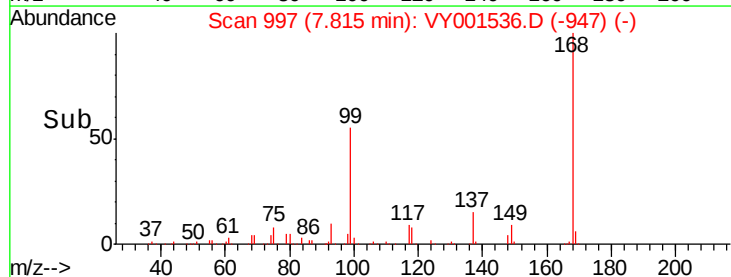
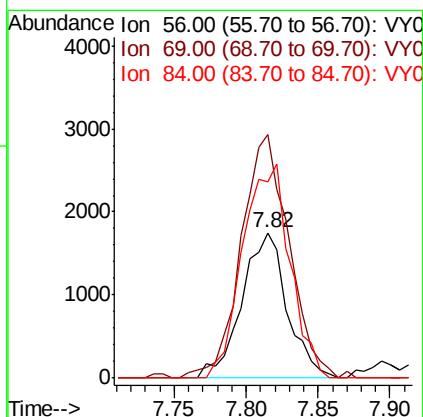
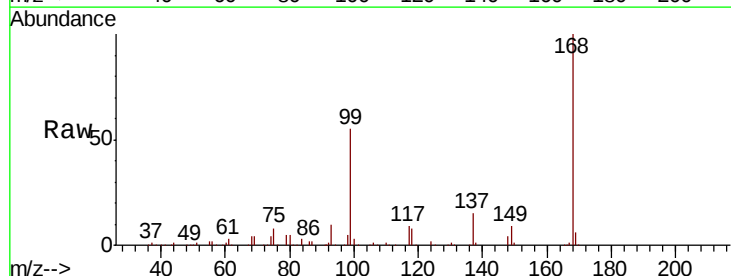
Instrument :
MSVOA_Y
ClientSampled :

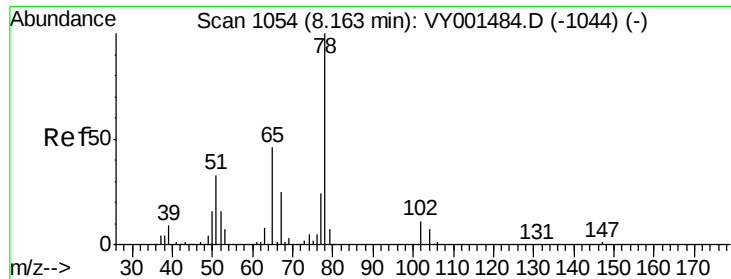
Tot Ion: 42 Resp: 1944
Ion Ratio Lower Upper
42 100
72 39.5 37.8 56.6
71 37.0 34.8 52.2



#31
Cyclohexane
Concen: 1.152 ug/l
RT: 7.82 min Scan# 997
Delta R.T. 0.01 min
Lab File: VY001536.D
Acq: 06 Feb 2020 17:19

Tgt Ion: 56 Resp: 3793
Ion Ratio Lower Upper
56 100
69 167.6 29.6 44.4#
84 134.9 73.6 110.4#

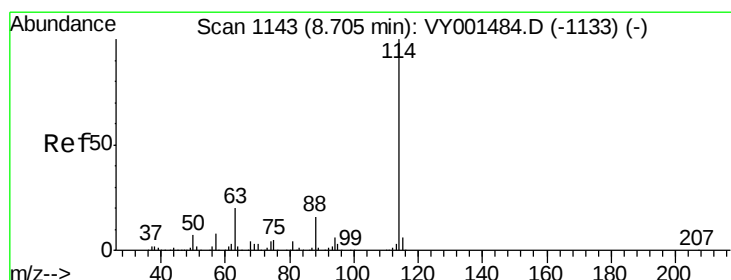
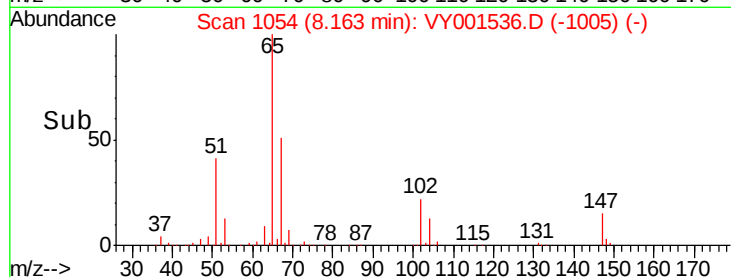
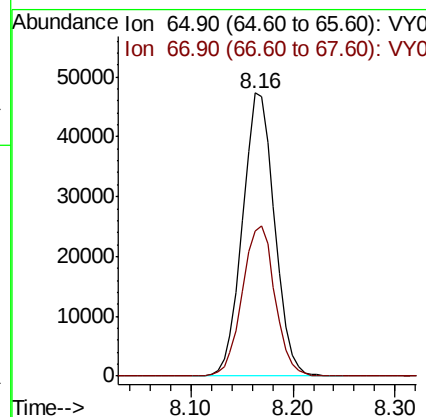
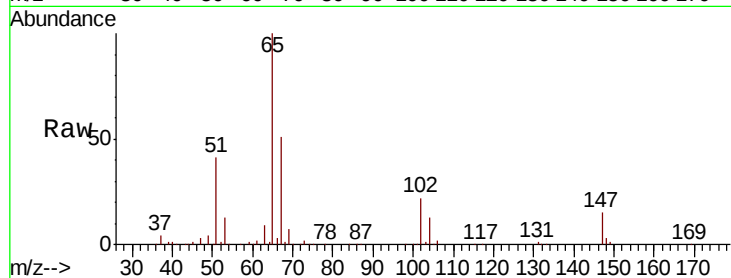




#33
 1,2-Dichloroethane-d4
 Concen: 60.927 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: VY001536.D
 Acq: 06 Feb 2020 17:19

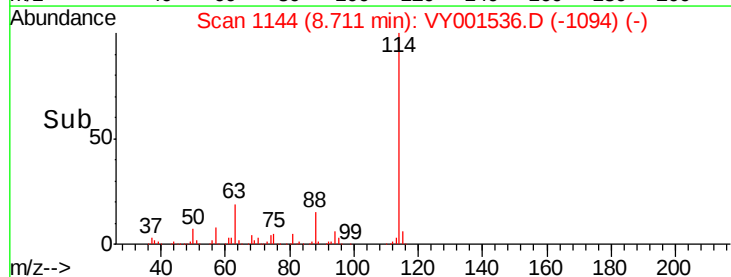
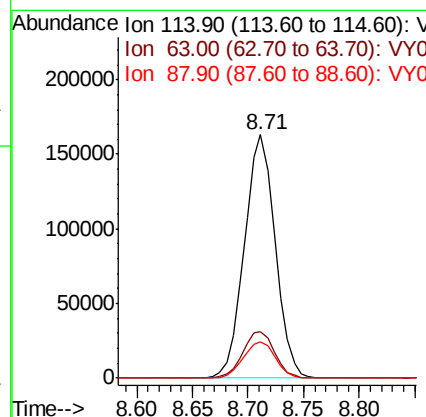
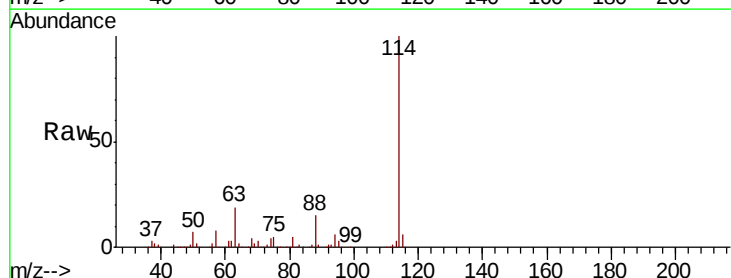
Instrument :
 MSVOA_Y
 ClientSampleId :

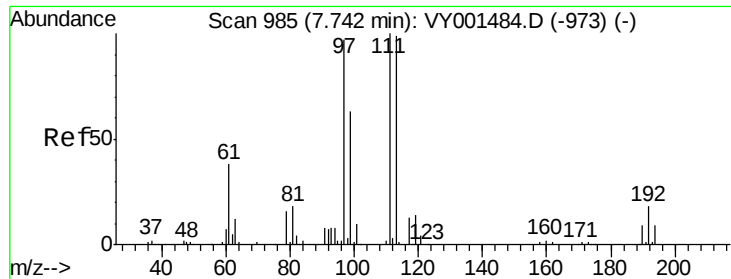
Tot Ion: 65 Resp: 103029
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.01 min
 Lab File: VY001536.D
 Acq: 06 Feb 2020 17:19

Tgt Ion: 114 Resp: 312830
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 39.8
 88 15.1 0.0 32.6

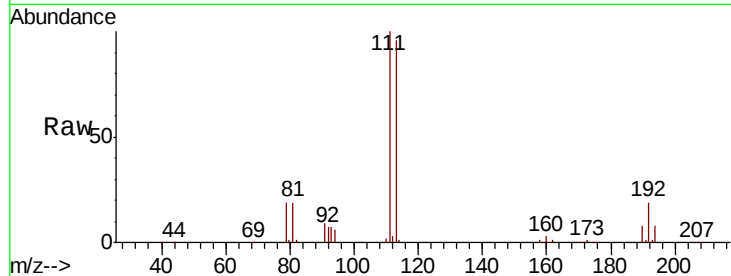




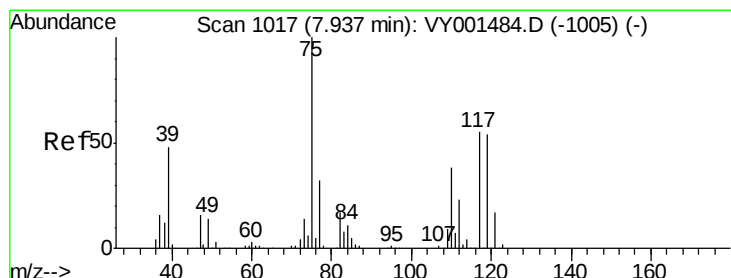
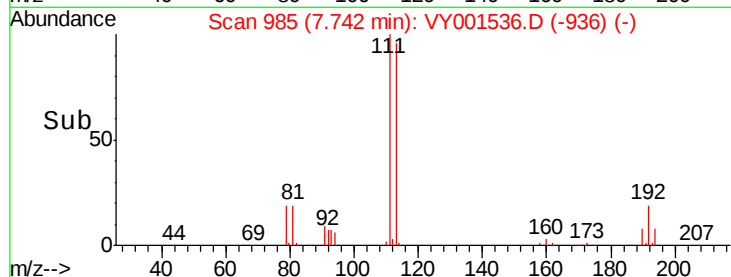
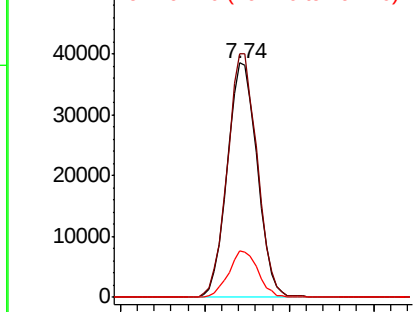
#35
 Dibromofluoromethane
 Concen: 51.504 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. -0.00 min
 Lab File: VY001536.D
 Acq: 06 Feb 2020 17:19

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion:113 Resp: 92909
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.9 124.3
 192 19.3 14.6 22.0

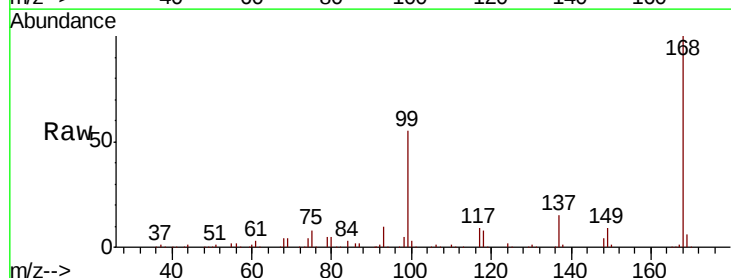


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

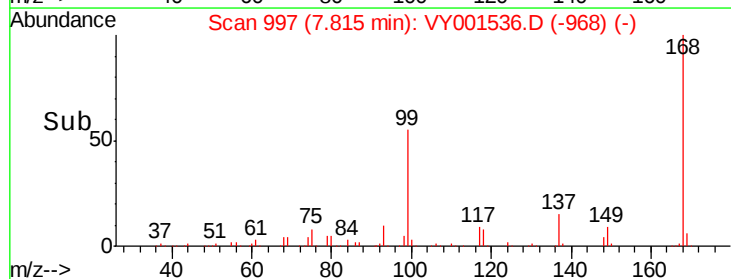
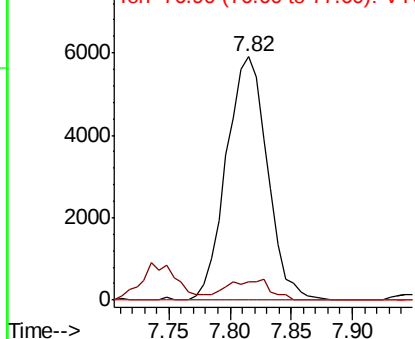


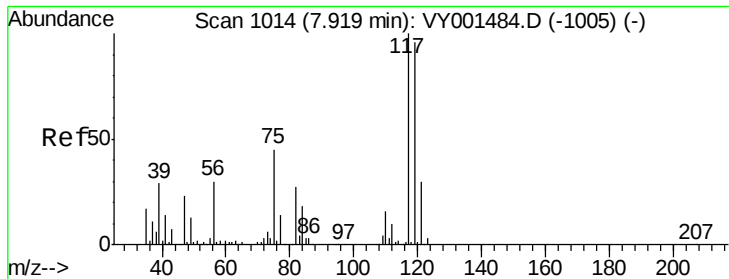
#36
 1,1-Dichloropropene
 Concen: 4.790 ug/l
 RT: 7.82 min Scan# 997
 Delta R.T. -0.12 min
 Lab File: VY001536.D
 Acq: 06 Feb 2020 17:19

Tgt Ion: 75 Resp: 13709
 Ion Ratio Lower Upper
 75 100
 110 9.0 18.2 54.6#
 77 0.0 25.0 37.4#



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: 5.920 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.11 min

Lab File: VY001536.D

Acq: 06 Feb 2020 17:19

Instrument :

MSVOA_Y

ClientSampleId :

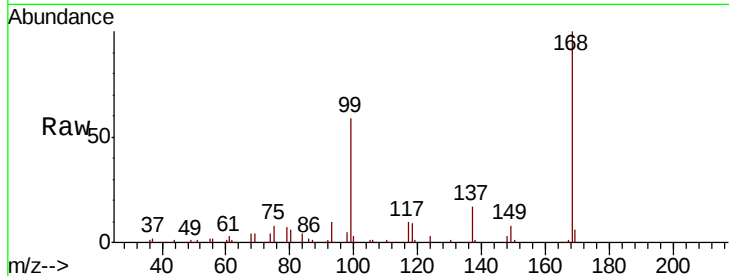
Tot Ion:117 Resp: 16391

Ion Ratio Lower Upper

117 100

119 6.3 76.4 114.6#

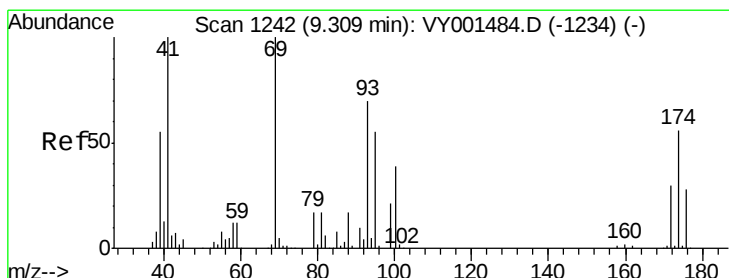
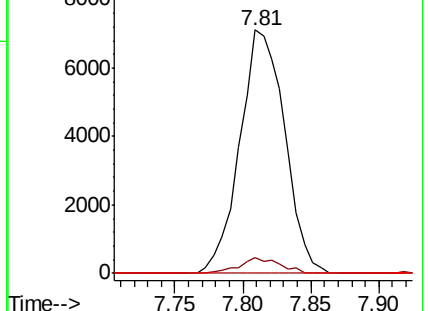
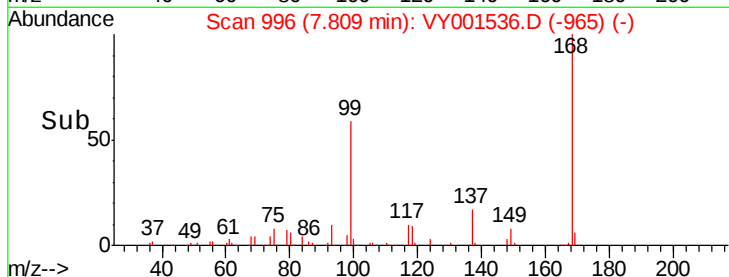
121 0.0 24.2 36.4#



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



#49

1,4-Dioxane

Concen: 3.352 ug/l

RT: 9.33 min Scan# 1245

Delta R.T. 0.02 min

Lab File: VY001536.D

Acq: 06 Feb 2020 17:19

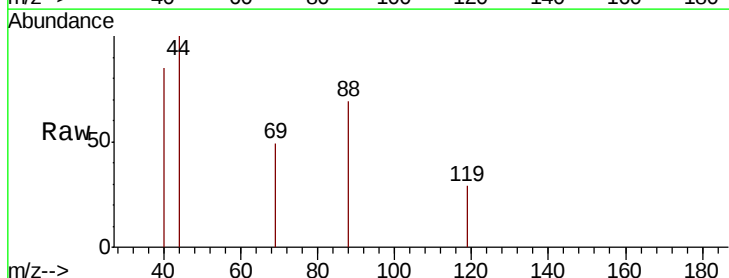
Tgt Ion: 88 Resp: 49

Ion Ratio Lower Upper

88 100

43 114.3 24.8 37.2#

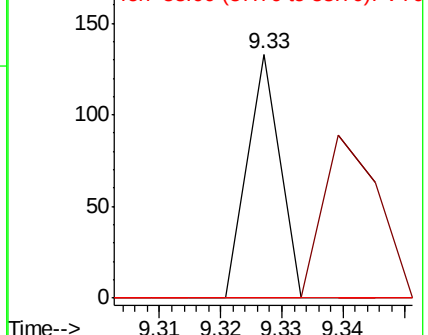
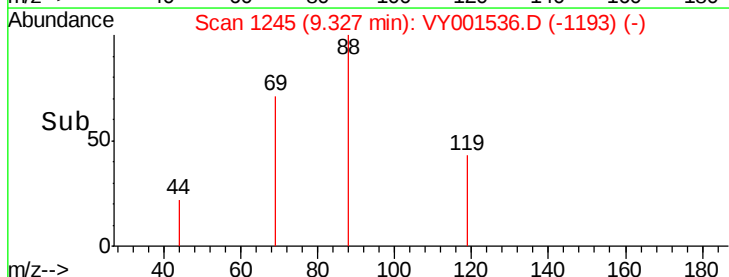
58 0.0 59.3 88.9#

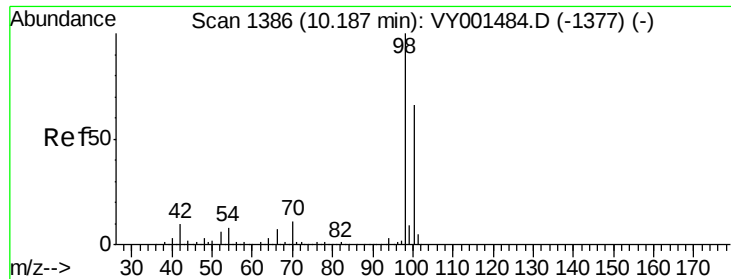


Abundance Ion 88.00 (87.70 to 88.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0





#50

Toluene-d8

Concen: 53.745 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY001536.D

Acq: 06 Feb 2020 17:19

Instrument :

MSVOA_Y

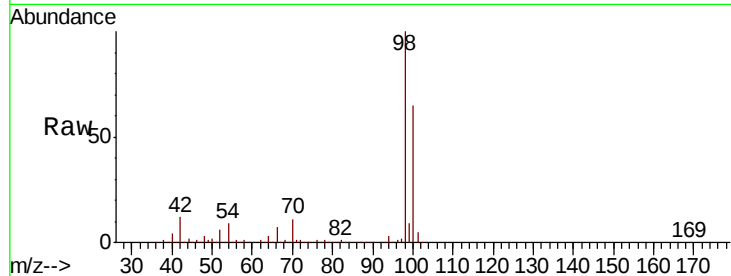
ClientSampleId :

Tot Ion: 98 Resp: 366810

Ion Ratio Lower Upper

98 100

100 66.4 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

10.19

200000

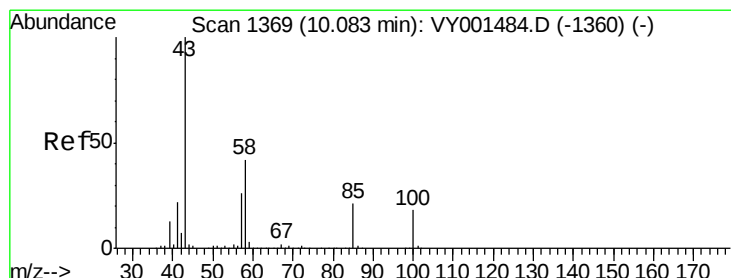
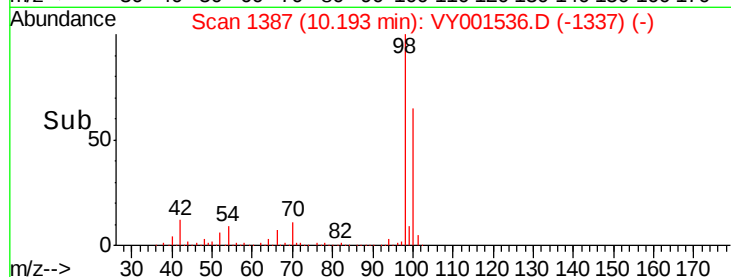
150000

100000

50000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 1.243 ug/l

RT: 10.08 min Scan# 1369

Delta R.T. -0.00 min

Lab File: VY001536.D

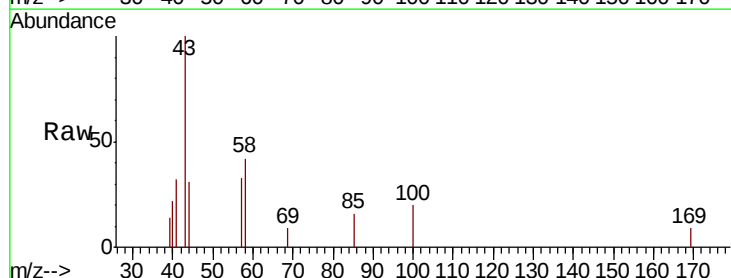
Acq: 06 Feb 2020 17:19

Tgt Ion: 43 Resp: 1679

Ion Ratio Lower Upper

43 100

58 38.7 33.9 50.9



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

10.08

800

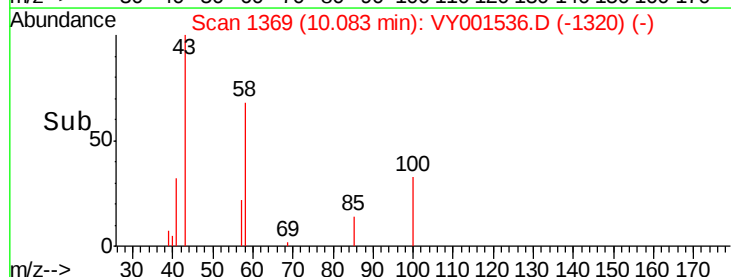
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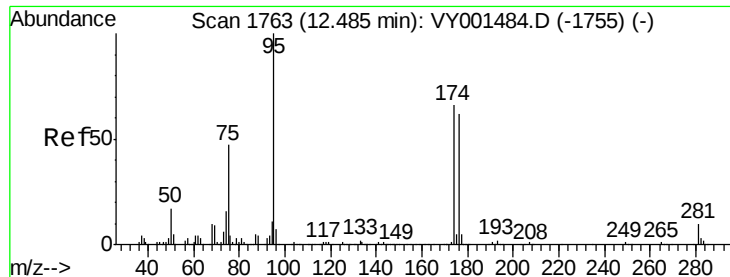
400

200

0

Time-->

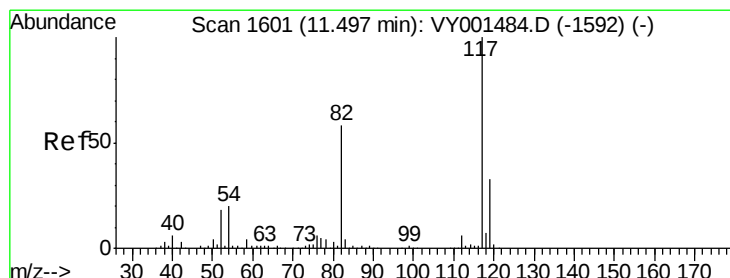
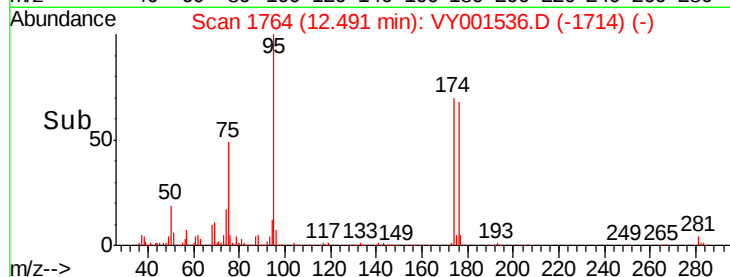
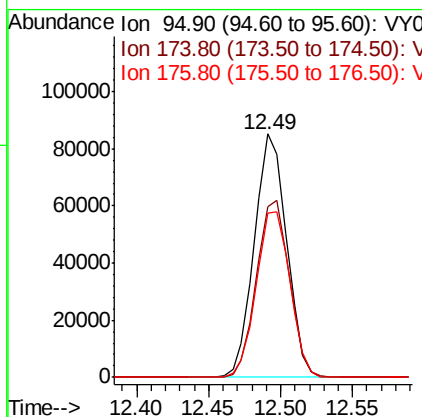
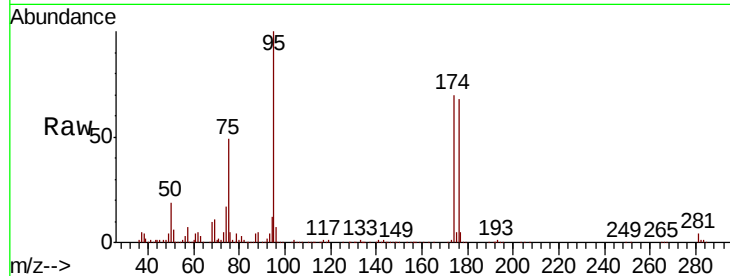




#62
4-Bromofluorobenzene
Concen: 49.043 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.01 min
Lab File: VY001536.D
Acq: 06 Feb 2020 17:19

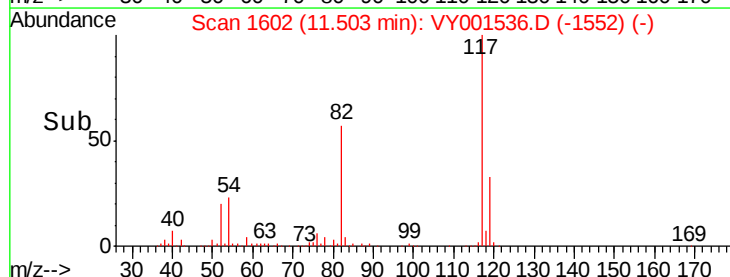
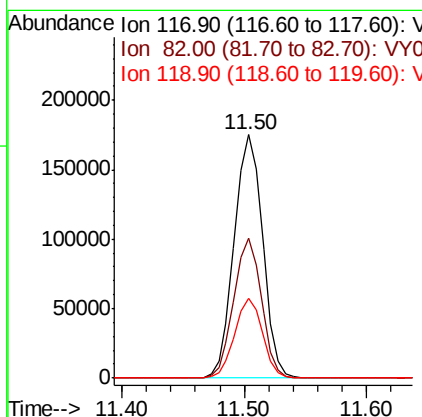
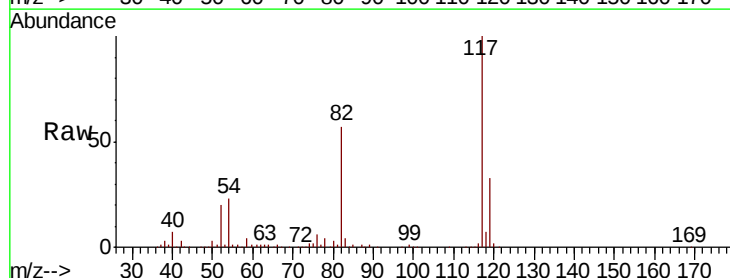
Instrument :
MSVOA_Y
ClientSampled :

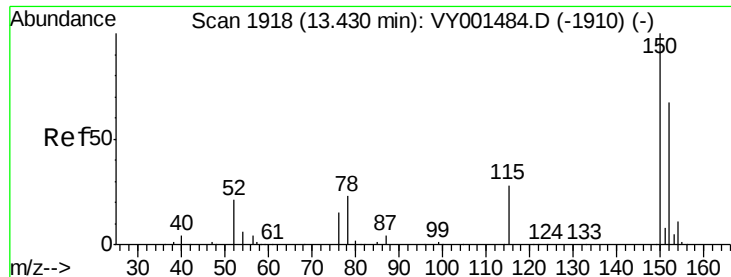
Tot Ion: 95 Resp: 131861
Ion Ratio Lower Upper
95 100
174 74.4 0.0 141.4
176 71.1 0.0 135.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY001536.D
Acq: 06 Feb 2020 17:19

Tgt Ion: 117 Resp: 282126
Ion Ratio Lower Upper
117 100
82 57.4 46.1 69.1
119 32.7 26.1 39.1



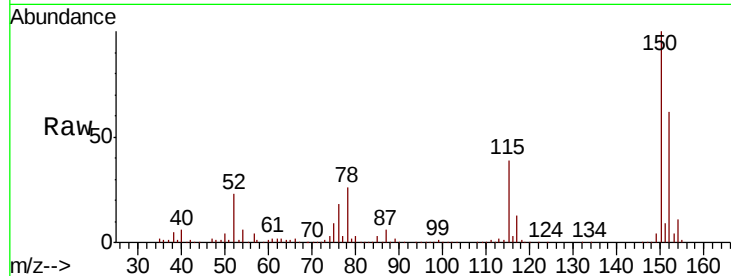


#72

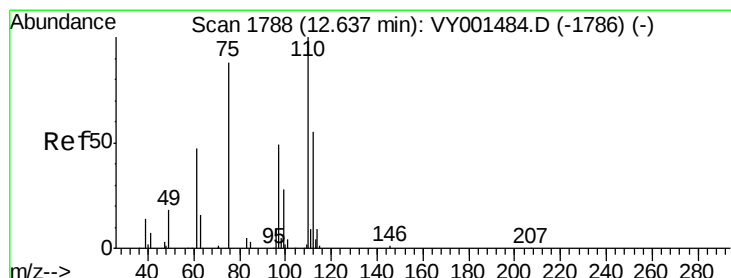
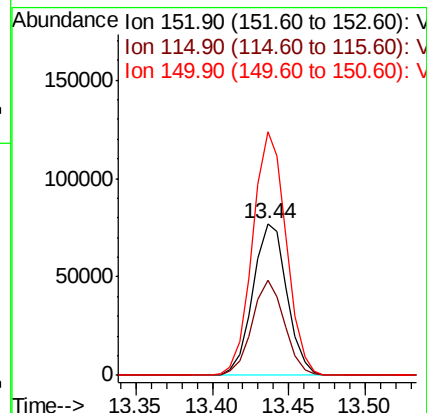
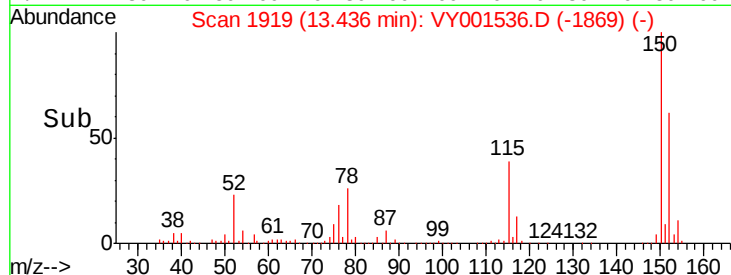
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY001536.D
Acq: 06 Feb 2020 17:19

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:152 Resp: 119295
Ion Ratio Lower Upper
152 100
115 59.7 31.4 94.3
150 158.3 0.0 346.8



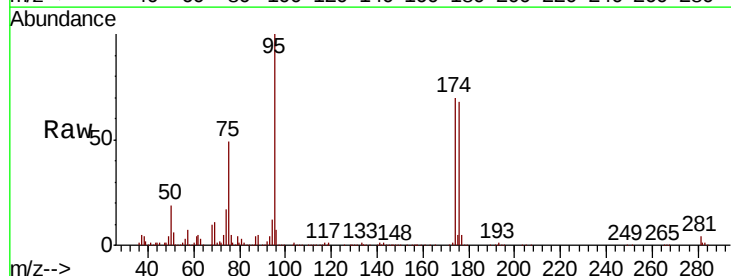
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



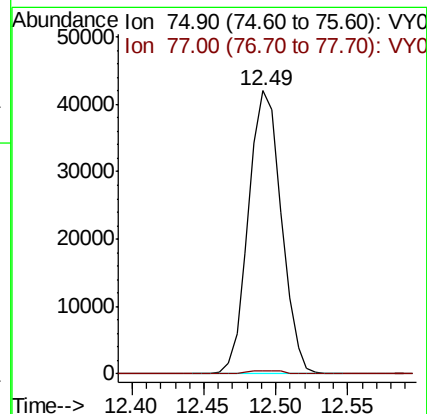
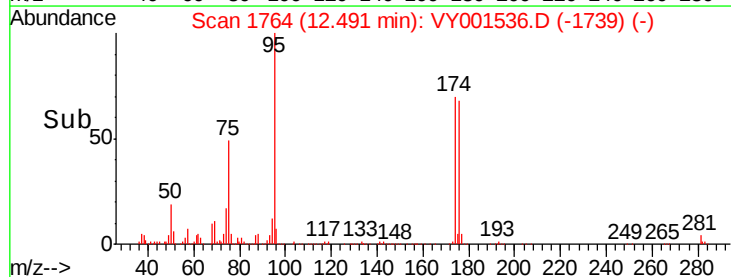
#76

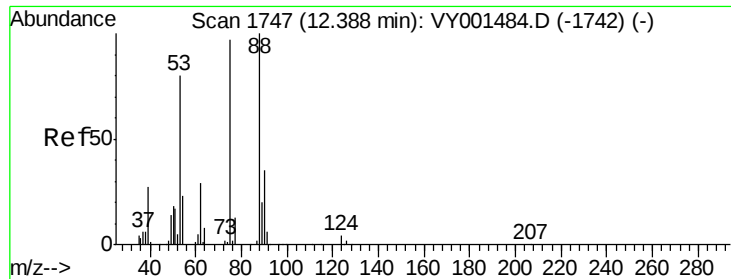
1,2,3-Trichloropropane
Concen: 51.758 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. -0.15 min
Lab File: VY001536.D
Acq: 06 Feb 2020 17:19

Tgt Ion: 75 Resp: 66400
Ion Ratio Lower Upper
75 100
77 1.5 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: 100.149 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.10 min
 Lab File: VY001536.D
 Acq: 06 Feb 2020 17:19

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 75 Resp: 66400
 Ion Ratio Lower Upper
 75 100
 53 1.0 67.7 101.5#
 89 0.0 34.6 52.0#

