

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012420\
 Data File : VY001372.D
 Acq On : 24 Jan 2020 11:19
 Operator : SY/MD
 Sample : VY0124SBL01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 25 03:46:21 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	7.82	168	162483	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	298954	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	270715	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	123556	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	98031	55.45	ug/l	0.00
Spiked Amount			Recovery	=	110.90%	
35) Dibromofluoromethane	7.74	113	89766	51.16	ug/l	0.00
Spiked Amount			Recovery	=	102.32%	
50) Toluene-d8	10.19	98	349220	51.23	ug/l	0.00
Spiked Amount			Recovery	=	102.46%	
62) 4-Bromofluorobenzene	12.49	95	128124	47.20	ug/l	0.00
Spiked Amount			Recovery	=	94.40%	

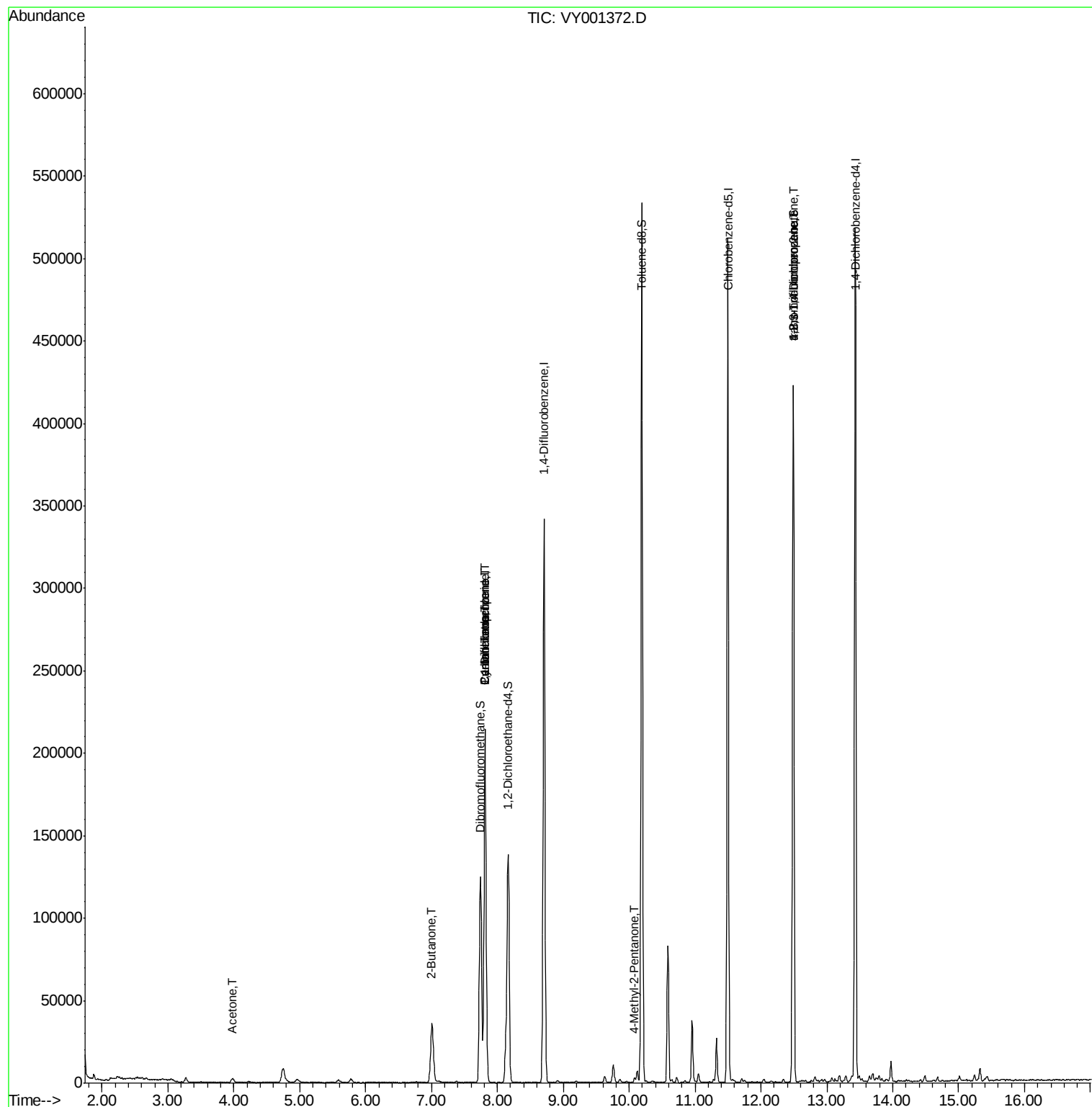
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.95	59	2642	Below Cal	#	74
13) Acrolein	3.75	56	55	Below Cal	#	15
16) Acetone	3.98	43	4850	2.922	ug/l	99
20) Methylene Chloride	4.75	84	6486	Below Cal		99
25) 2-Butanone	7.00	43	2653	3.447	ug/l	96
31) Cyclohexane	7.82	56	3947	1.154	ug/l #	22
36) 1,1-Dichloropropene	7.82	75	13215	4.679	ug/l #	49
38) Carbon Tetrachloride	7.82	117	16021	6.365	ug/l #	15
51) 4-Methyl-2-Pentanone	10.08	43	2089	1.209	ug/l	91
76) 1,2,3-Trichloropropane	12.49	75	64681	43.443	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	64681	82.212	ug/l #	14

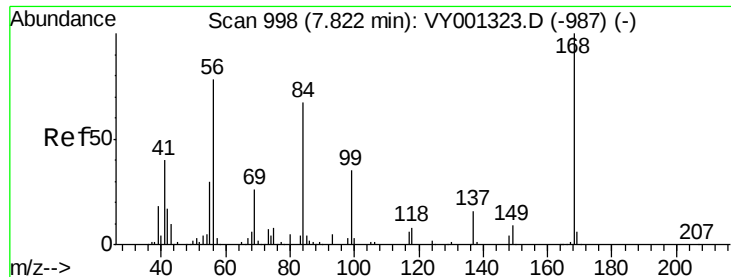
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY012420\
Data File : VY001372.D
Acq On : 24 Jan 2020 11:19
Operator : SY/MD
Sample : VY0124SBL01
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Jan 25 03:46:21 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 23 01:21:47 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: VY001372.D

Acq: 24 Jan 2020 11:19

Instrument :

MSVOA_Y

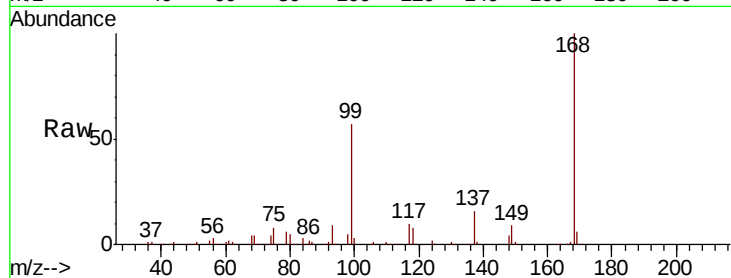
ClientSampled :

Tot Ion:168 Resp: 162483

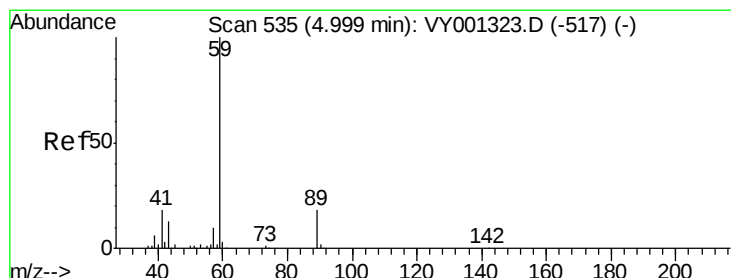
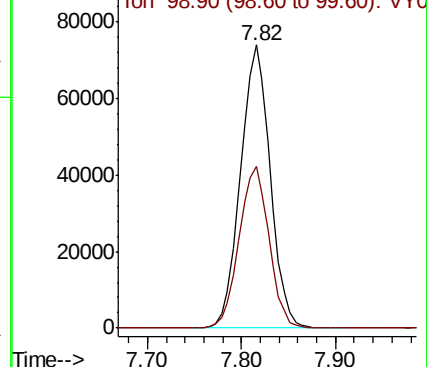
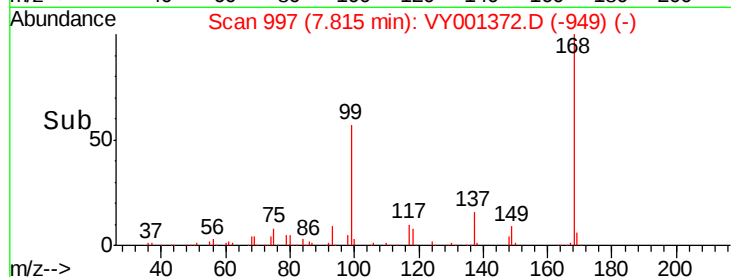
Ion Ratio Lower Upper

168 100

99 57.3 44.3 66.5



Abundance Ion 167.90 (167.60 to 168.60): VY001372.D (-949) (-)



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.95 min Scan# 527

Delta R.T. -0.05 min

Lab File: VY001372.D

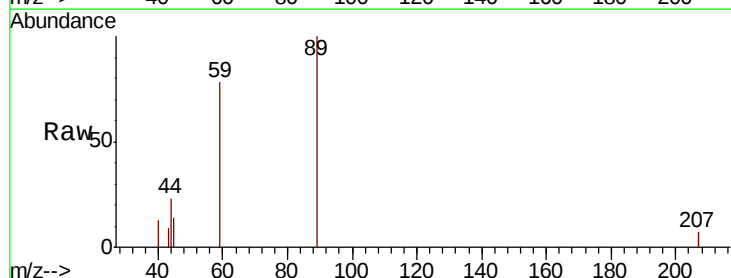
Acq: 24 Jan 2020 11:19

Tgt Ion: 59 Resp: 2642

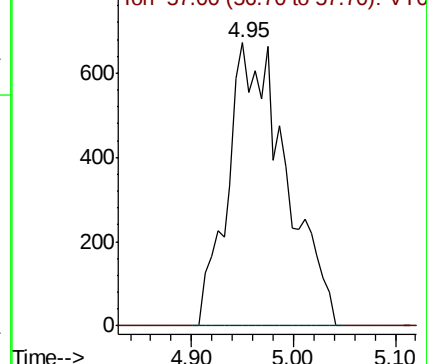
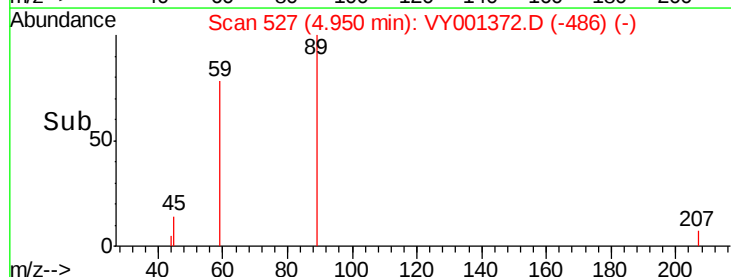
Ion Ratio Lower Upper

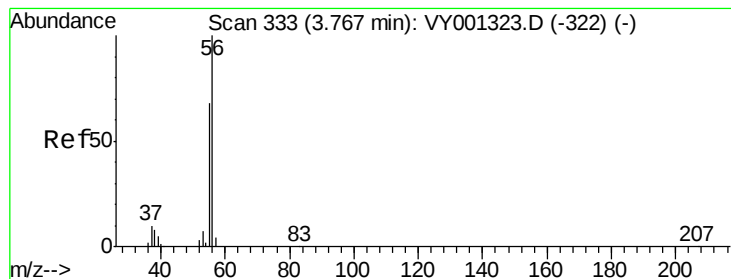
59 100

57 0.0 7.4 11.2#



Abundance Ion 59.00 (58.70 to 59.70): VY001372.D (-486) (-)





#13

Acrolein

Concen: Below Cal

RT: 3.75 min Scan# 330

Delta R.T. -0.02 min

Lab File: VY001372.D

Acq: 24 Jan 2020 11:19

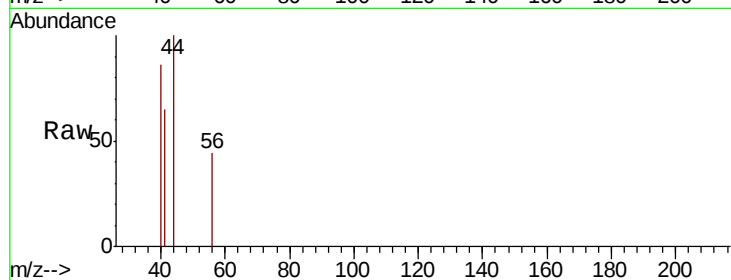
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 55

Ion Ratio Lower Upper

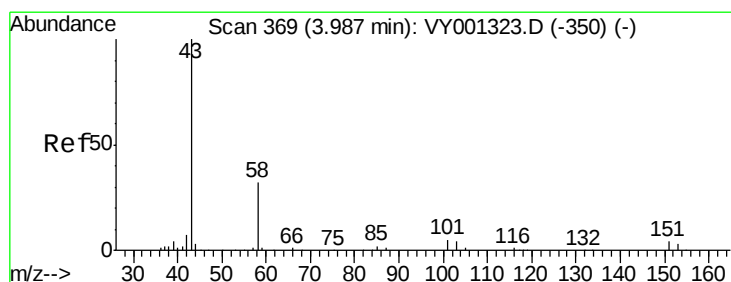
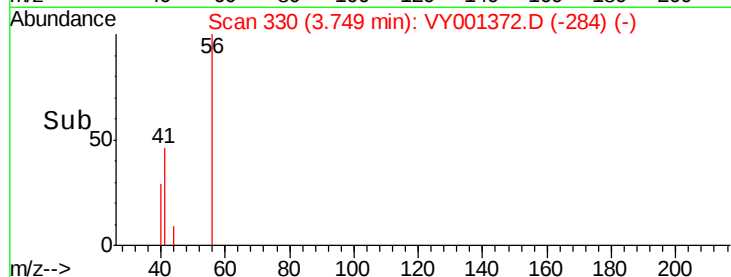
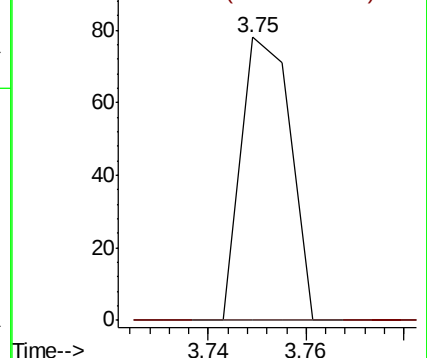
56 100

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



#16

Acetone

Concen: 2.922 ug/l

RT: 3.98 min Scan# 368

Delta R.T. -0.01 min

Lab File: VY001372.D

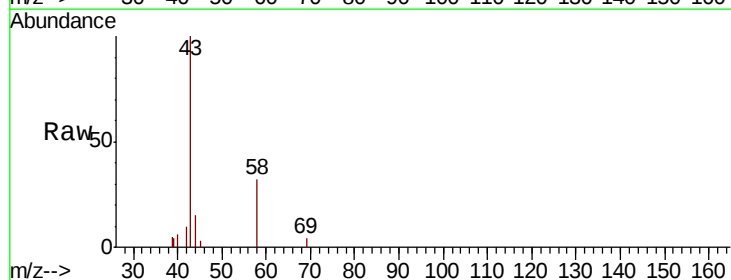
Acq: 24 Jan 2020 11:19

Tgt Ion: 43 Resp: 4850

Ion Ratio Lower Upper

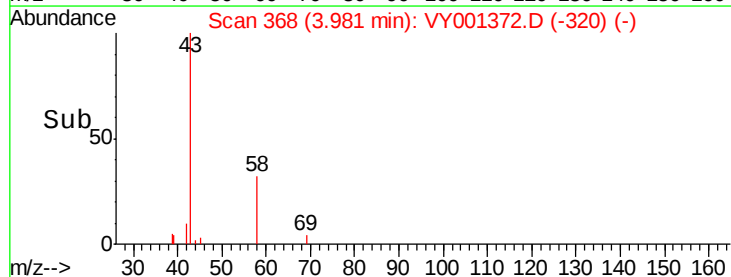
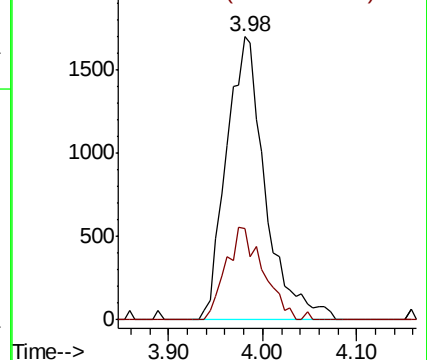
43 100

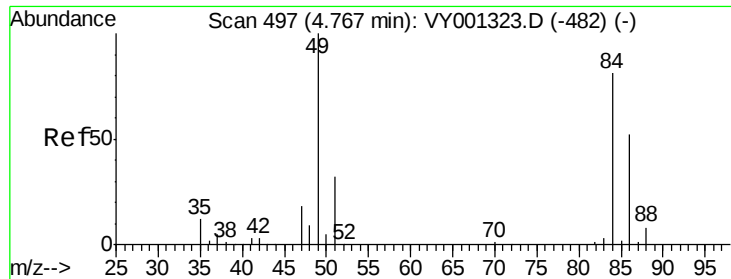
58 32.1 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

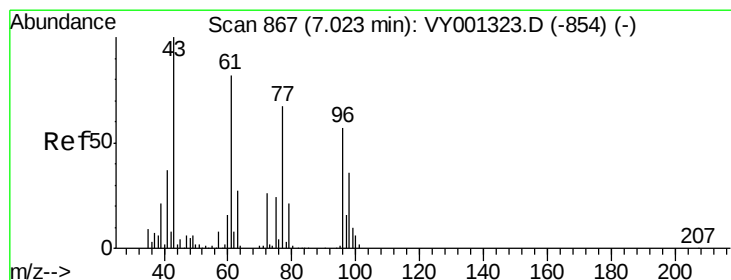
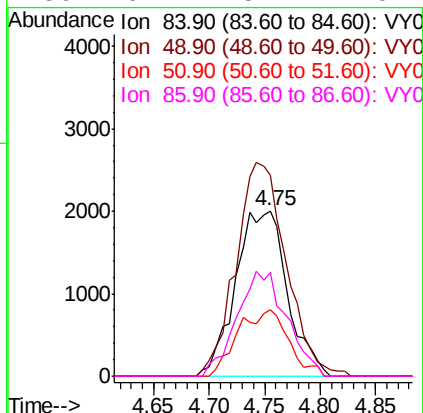
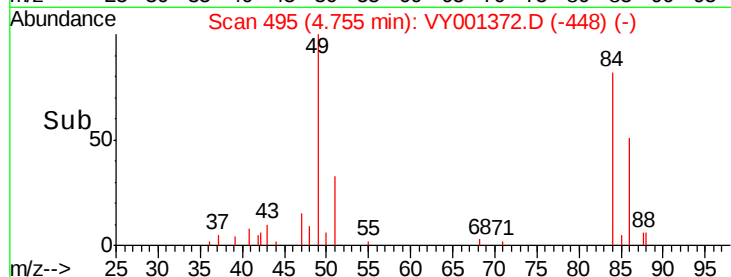
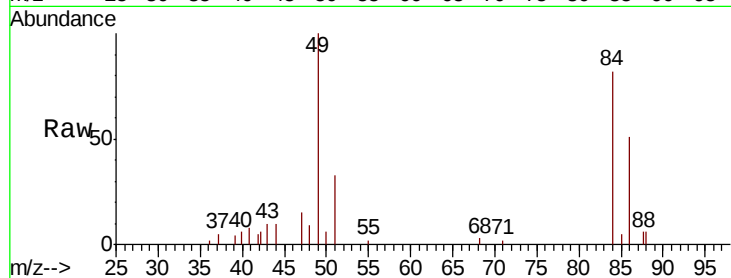




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.75 min Scan# 495
Delta R.T. -0.01 min
Lab File: VY001372.D
Acq: 24 Jan 2020 11:19

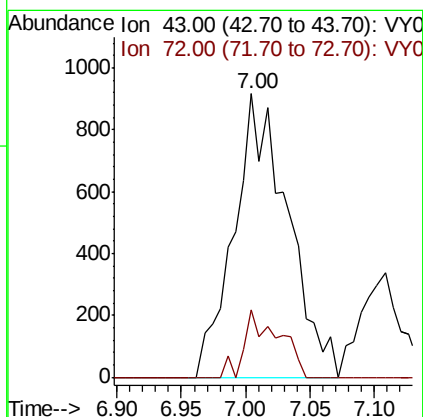
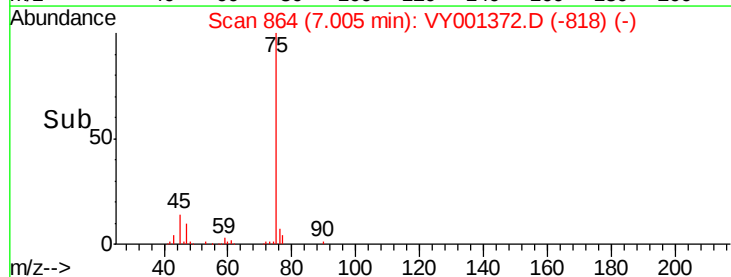
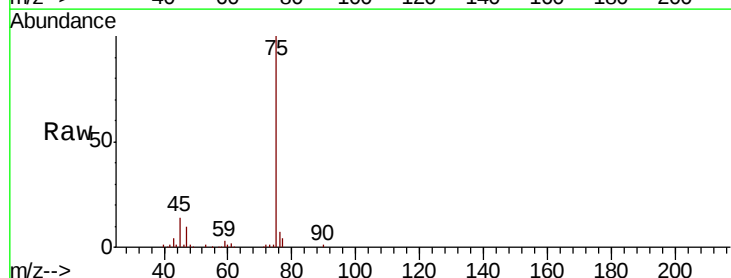
Instrument :
MSVOA_Y
ClientSampleId :

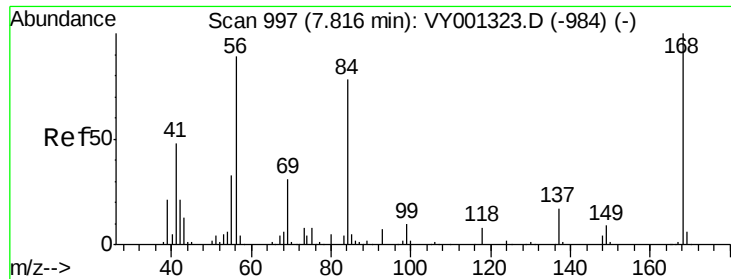
Tot Ion: 84 Resp: 6486
Ion Ratio Lower Upper
84 100
49 121.5 98.3 147.5
51 40.0 31.6 47.4
86 62.4 51.1 76.7



#25
2-Butanone
Concen: 3.447 ug/l
RT: 7.00 min Scan# 864
Delta R.T. -0.02 min
Lab File: VY001372.D
Acq: 24 Jan 2020 11:19

Tgt Ion: 43 Resp: 2653
Ion Ratio Lower Upper
43 100
72 23.8 20.6 31.0

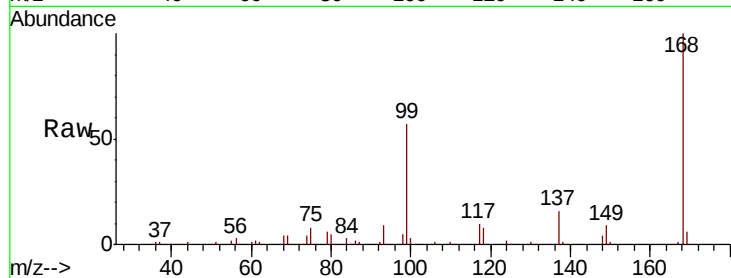




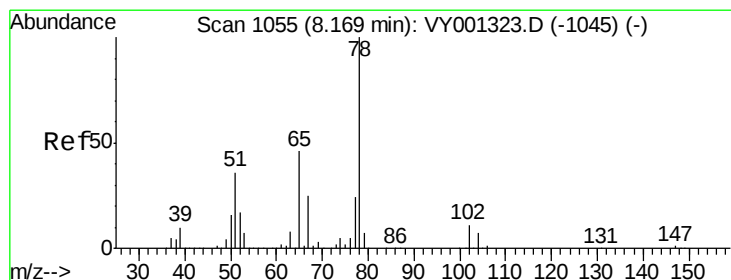
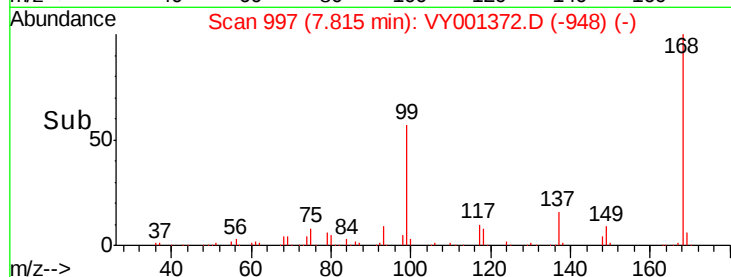
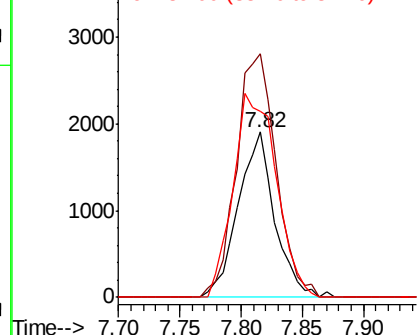
#31
Cyclohexane
Concen: 1.154 ug/l
RT: 7.82 min Scan# 997
Delta R.T. -0.00 min
Lab File: VY001372.D
Acq: 24 Jan 2020 11:19

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 3947
Ion Ratio Lower Upper
56 100
69 147.2 27.6 41.4#
84 115.7 69.7 104.5#

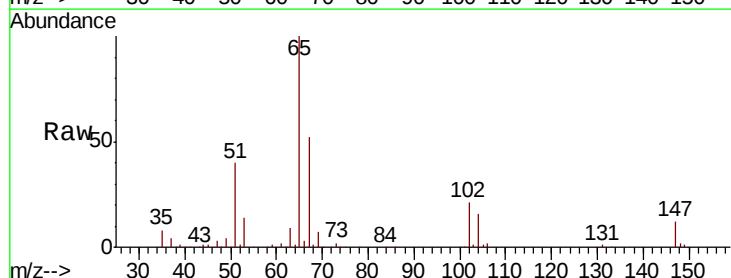


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

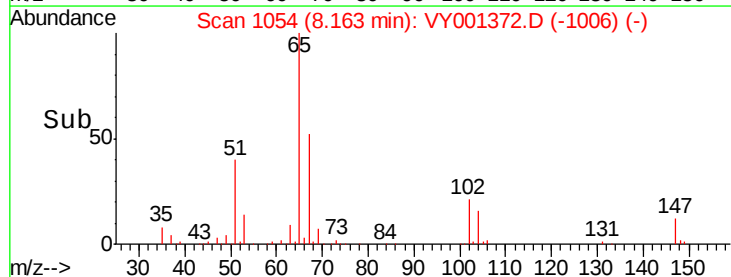
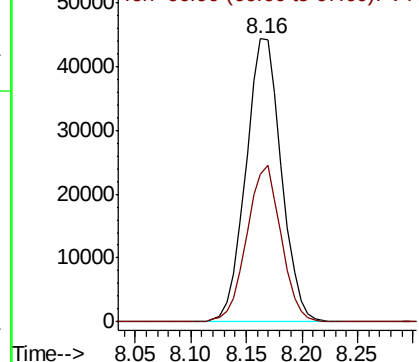


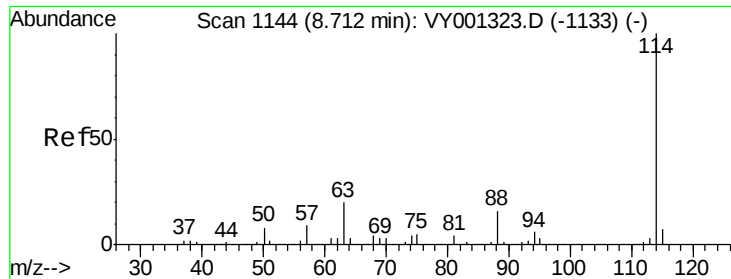
#33
1,2-Dichloroethane-d4
Concen: 55.446 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY001372.D
Acq: 24 Jan 2020 11:19

Tgt Ion: 65 Resp: 98031
Ion Ratio Lower Upper
65 100
67 53.7 0.0 108.6



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

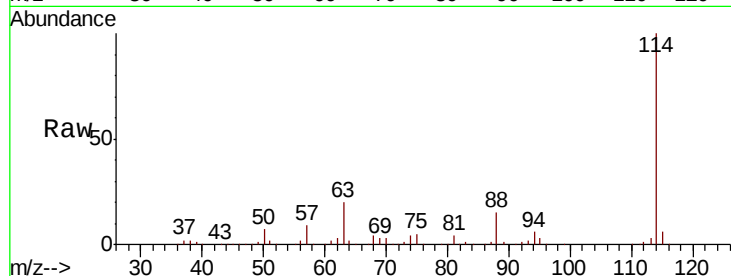




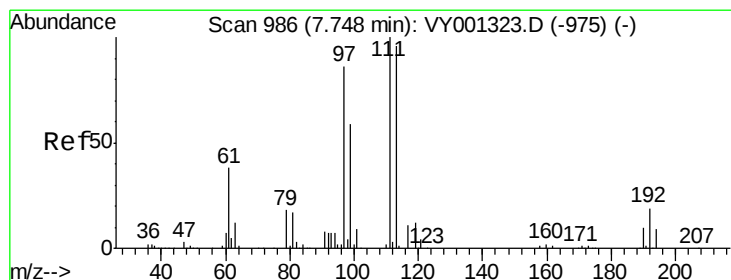
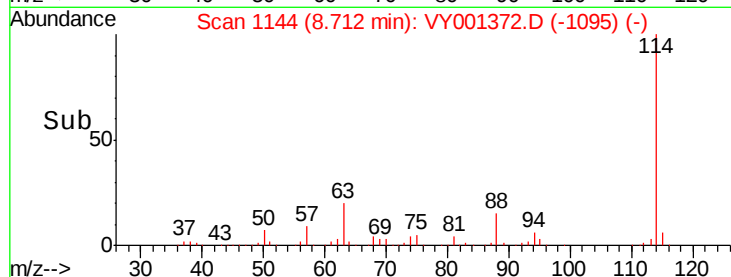
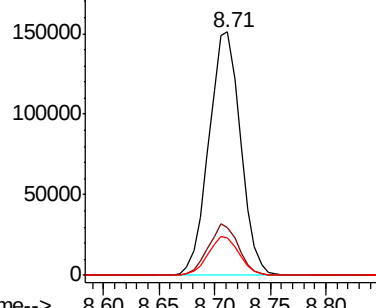
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.71 min Scan# 1144
Delta R.T. -0.00 min
Lab File: VY001372.D
Acq: 24 Jan 2020 11:19

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:114 Resp: 298954
Ion Ratio Lower Upper
114 100
63 19.9 0.0 40.8
88 15.3 0.0 31.0

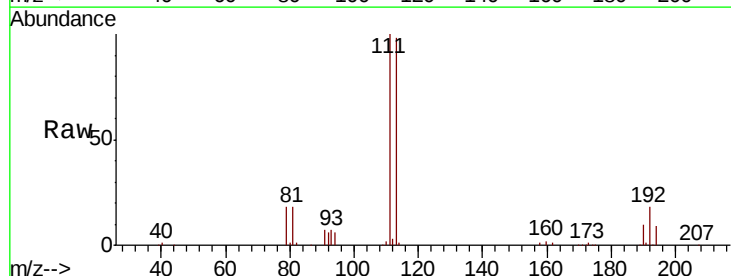


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VY0
Ion 87.90 (87.60 to 88.60): VY0

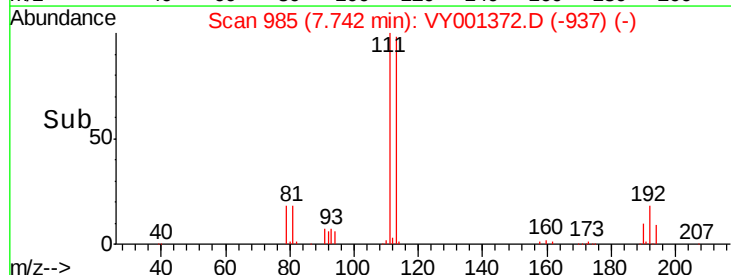
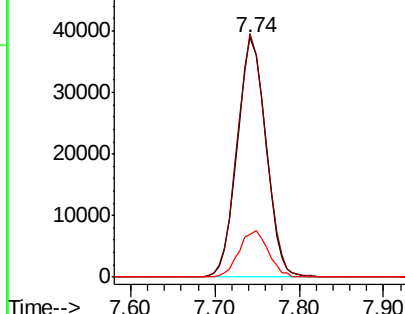


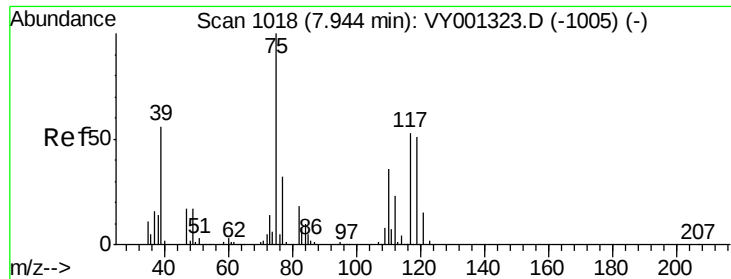
#35
Dibromofluoromethane
Concen: 51.160 ug/l
RT: 7.74 min Scan# 985
Delta R.T. -0.01 min
Lab File: VY001372.D
Acq: 24 Jan 2020 11:19

Tgt Ion:113 Resp: 89766
Ion Ratio Lower Upper
113 100
111 101.0 82.8 124.2
192 19.6 15.5 23.3



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

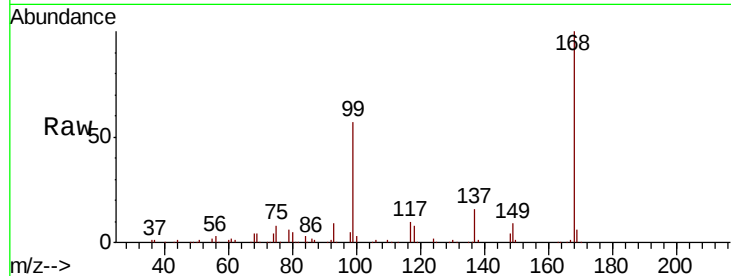




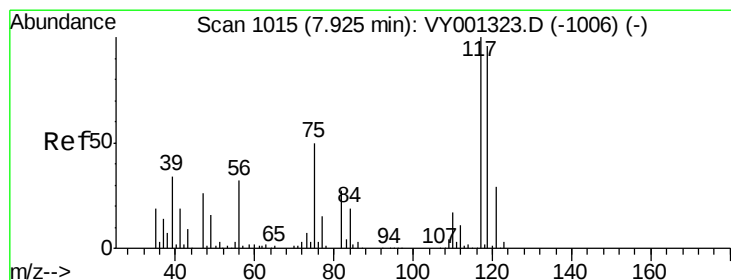
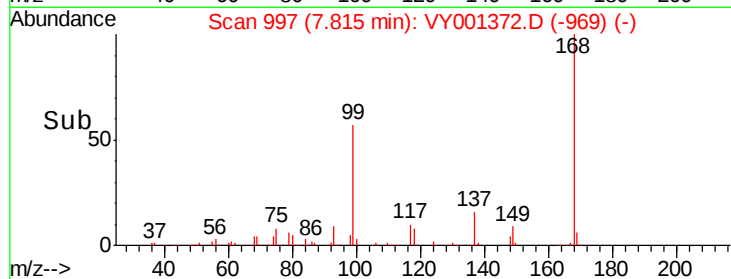
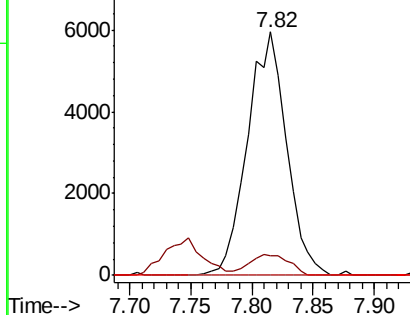
#36
 1,1-Dichloropropene
 Concen: 4.679 ug/l
 RT: 7.82 min Scan# 997
 Delta R.T. -0.13 min
 Lab File: VY001372.D
 Acq: 24 Jan 2020 11:19

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
75	100		
110	8.6	17.6	52.8#
77	0.0	24.7	37.1#

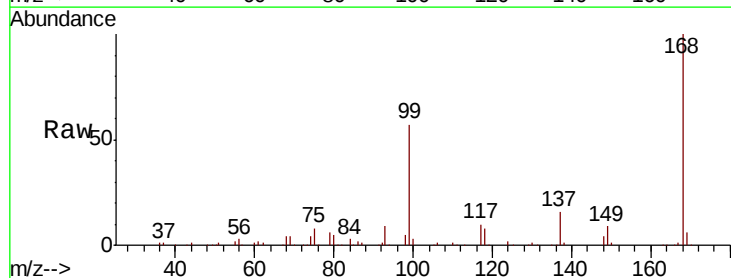


Abundance Ion 74.90 (74.60 to 75.60): VY001372.D (-969) (-)
 Ion 109.90 (109.60 to 110.60): VY001372.D (-969) (-)
 Ion 76.90 (76.60 to 77.60): VY001372.D (-969) (-)

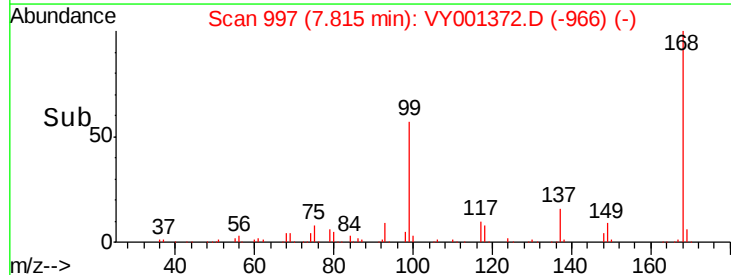
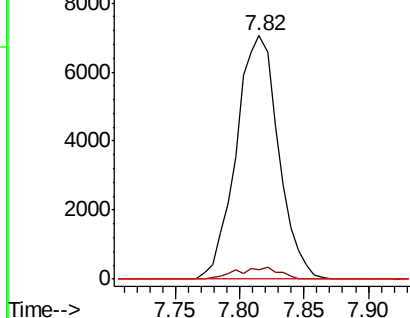


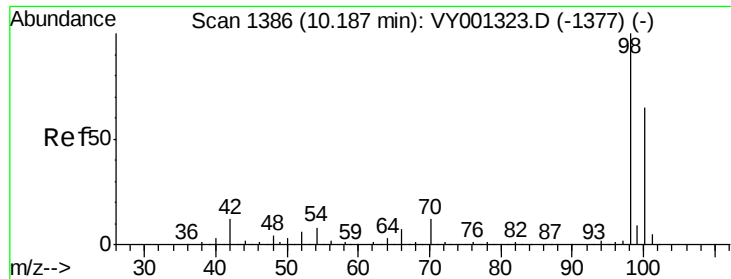
#38
 Carbon Tetrachloride
 Concen: 6.365 ug/l
 RT: 7.82 min Scan# 997
 Delta R.T. -0.11 min
 Lab File: VY001372.D
 Acq: 24 Jan 2020 11:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	3.6	76.3	114.5#
121	0.0	23.5	35.3#



Abundance Ion 116.80 (116.50 to 117.50): VY001372.D (-966) (-)
 Ion 118.80 (118.50 to 119.50): VY001372.D (-966) (-)
 Ion 120.80 (120.50 to 121.50): VY001372.D (-966) (-)





#50

Toluene-d8

Concen: 51.228 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY001372.D

Acq: 24 Jan 2020 11:19

Instrument :

MSVOA_Y

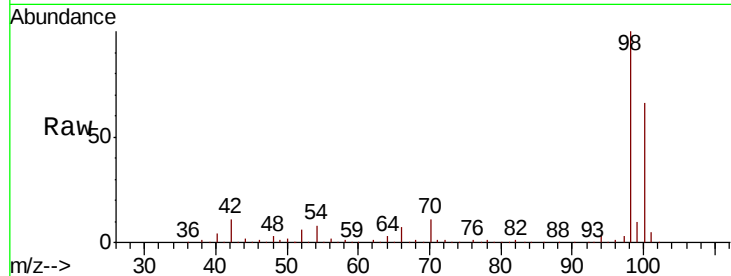
ClientSampleId :

Tot Ion: 98 Resp: 349220

Ion Ratio Lower Upper

98 100

100 66.8 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VY001323.D (-1377) (-)

Ion 100.00 (99.70 to 100.70): VY001323.D (-1377) (-)

10.19

200000

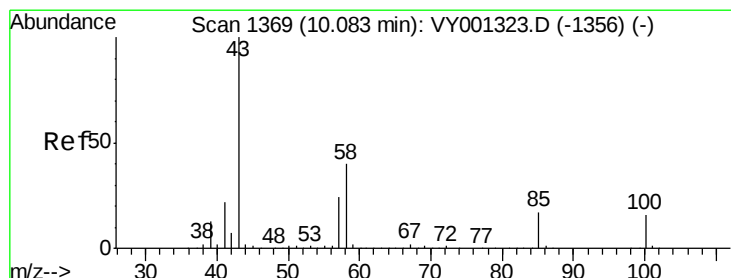
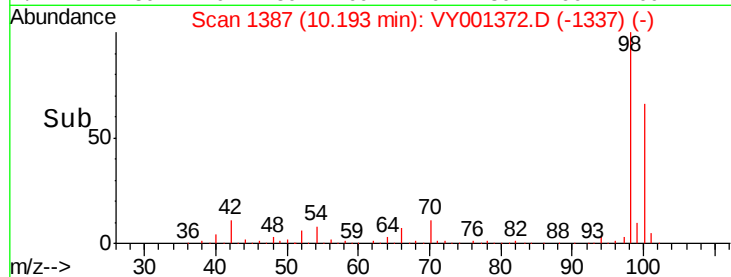
150000

100000

50000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 1.209 ug/l

RT: 10.08 min Scan# 1369

Delta R.T. -0.00 min

Lab File: VY001372.D

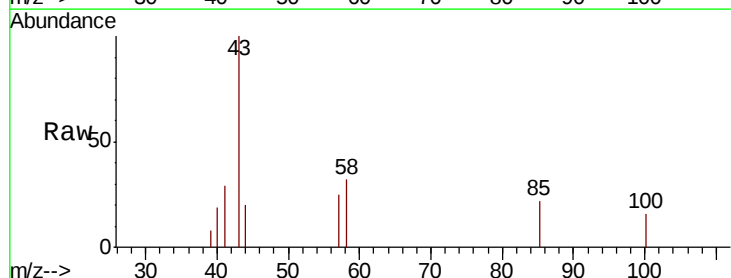
Acq: 24 Jan 2020 11:19

Tgt Ion: 43 Resp: 2089

Ion Ratio Lower Upper

43 100

58 33.6 31.5 47.3



Abundance Ion 43.00 (42.70 to 43.70): VY001323.D (-1356) (-)

Ion 58.00 (57.70 to 58.70): VY001323.D (-1356) (-)

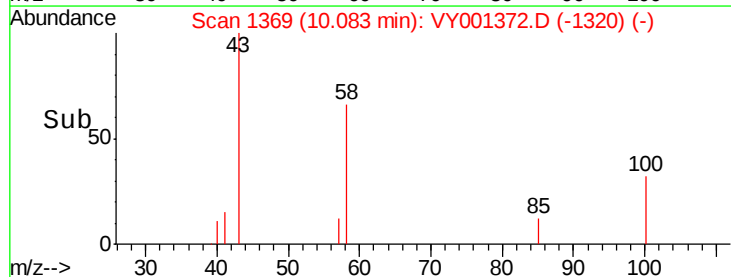
10.08

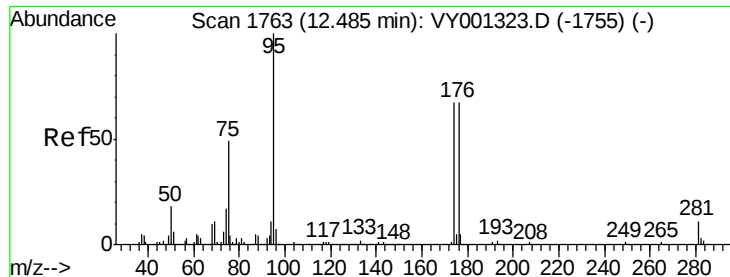
1000

500

0

Time-->





#62

4-Bromofluorobenzene

Concen: 47.196 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY001372.D

Acq: 24 Jan 2020 11:19

Instrument :

MSVOA_Y

ClientSampled :

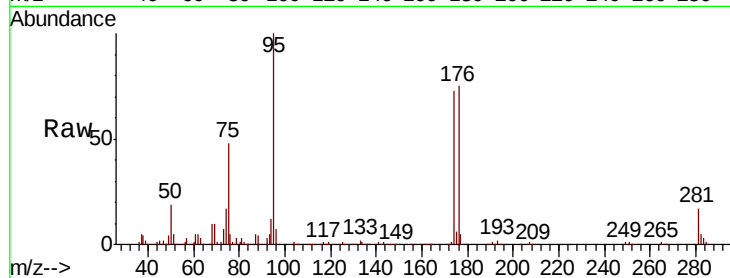
Tot Ion: 95 Resp: 128124

Ion Ratio Lower Upper

95 100

174 75.4 0.0 142.0

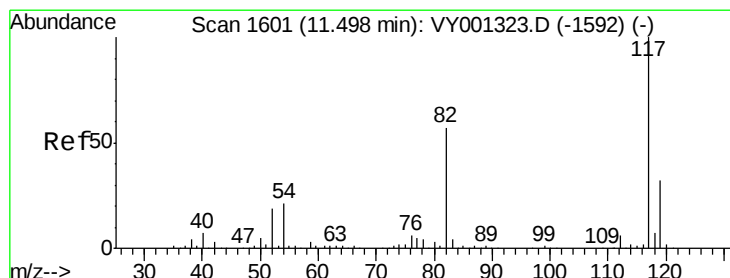
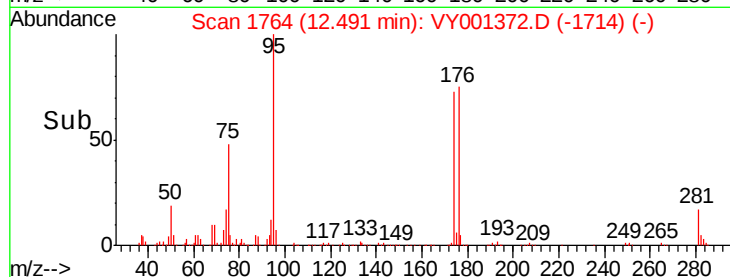
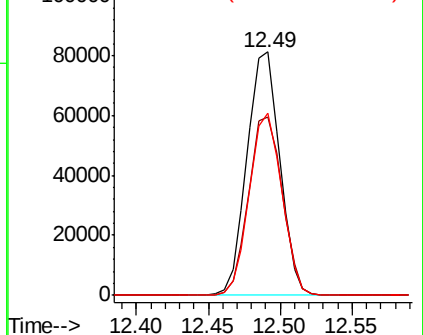
176 74.2 0.0 138.6



Abundance Ion 94.90 (94.60 to 95.60): VY001372.D (-1714) (-)

Ion 173.80 (173.50 to 174.50): VY001372.D (-1714) (-)

Ion 175.80 (175.50 to 176.50): VY001372.D (-1714) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.50 min Scan# 1601

Delta R.T. -0.00 min

Lab File: VY001372.D

Acq: 24 Jan 2020 11:19

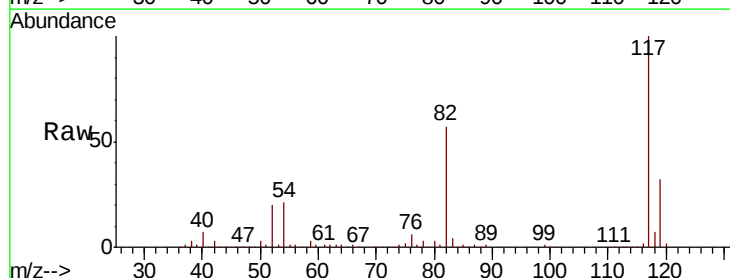
Tgt Ion: 117 Resp: 270715

Ion Ratio Lower Upper

117 100

82 56.7 45.5 68.3

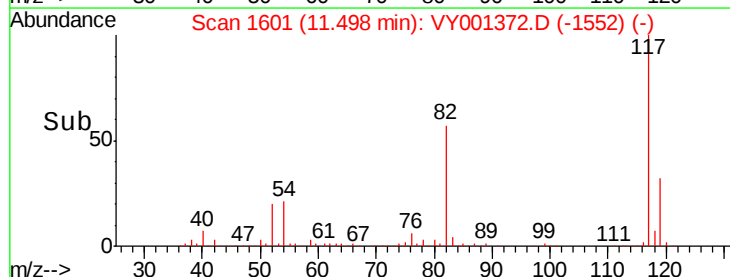
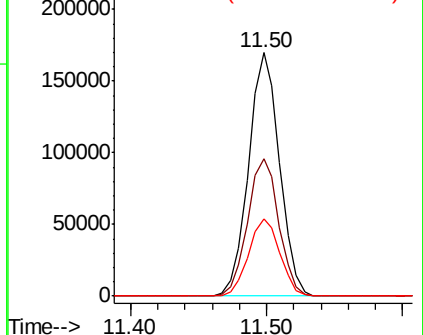
119 31.9 25.8 38.6

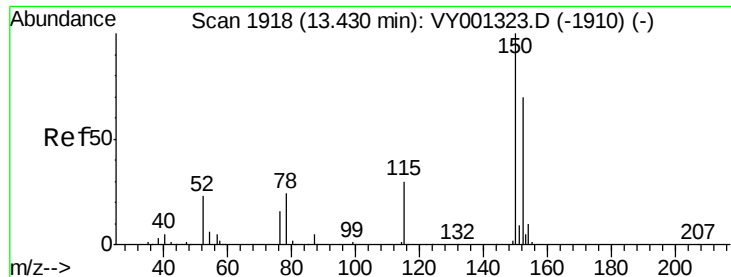


Abundance Ion 116.90 (116.60 to 117.60): VY001372.D (-1552) (-)

Ion 82.00 (81.70 to 82.70): VY001372.D (-1552) (-)

Ion 118.90 (118.60 to 119.60): VY001372.D (-1552) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. -0.00 min

Lab File: VY001372.D

Acq: 24 Jan 2020 11:19

Instrument :

MSVOA_Y

ClientSampleId :

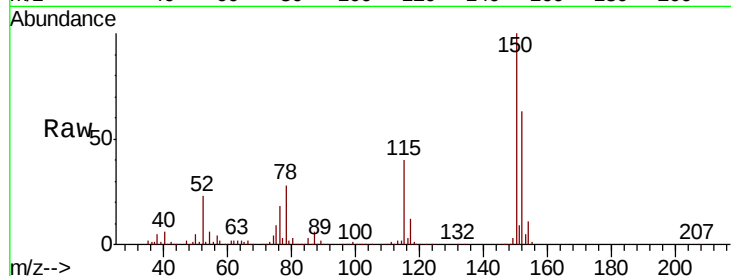
Tot Ion:152 Resp: 123556

Ion Ratio Lower Upper

152 100

115 61.0 30.9 92.8

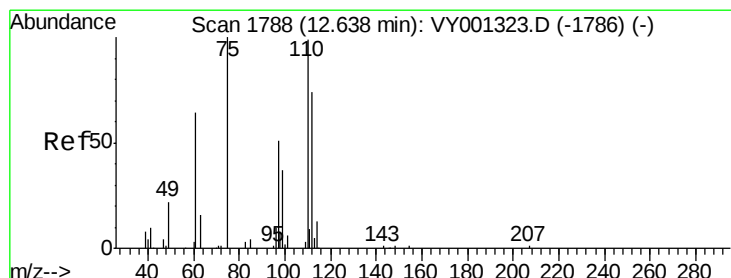
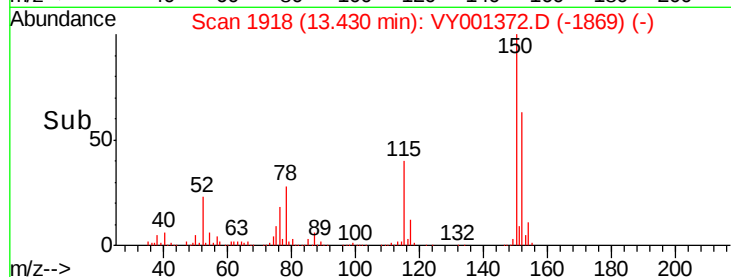
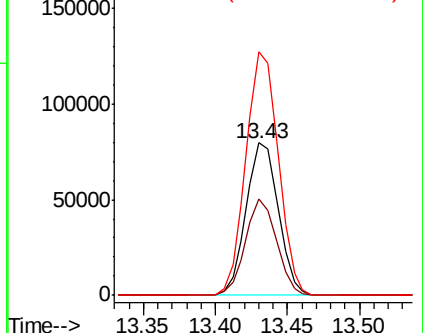
150 160.6 0.0 349.2



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: 43.443 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.15 min

Lab File: VY001372.D

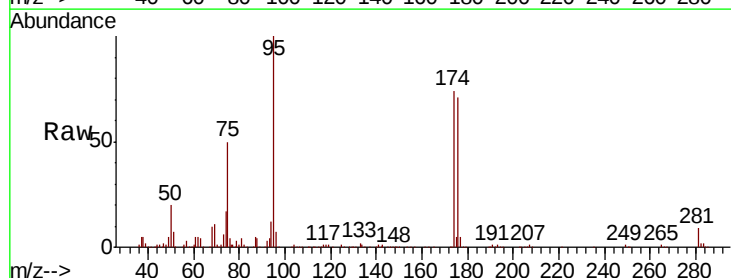
Acq: 24 Jan 2020 11:19

Tgt Ion: 75 Resp: 64681

Ion Ratio Lower Upper

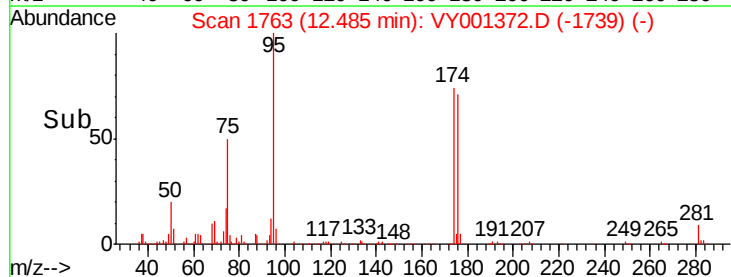
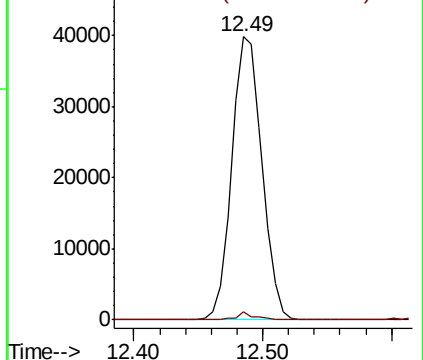
75 100

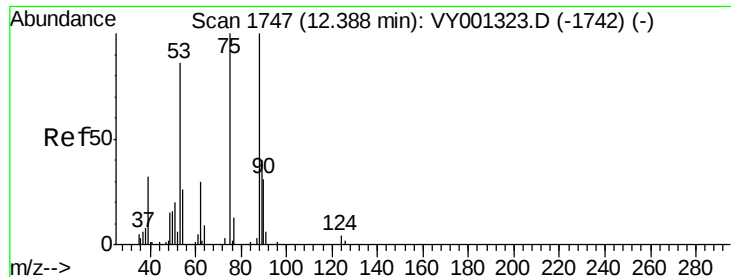
77 1.6 0.0 0.0#



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: 82.212 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. 0.10 min
 Lab File: VY001372.D
 Acq: 24 Jan 2020 11:19

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 75 Resp: 64681
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.9 104.9#
 89 0.4 36.6 54.8#

