

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012420\
 Data File : VY001375.D
 Acq On : 24 Jan 2020 12:37
 Operator : SY/MD
 Sample : L1241-01
 Misc : 7.34G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 25 03:47:55 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

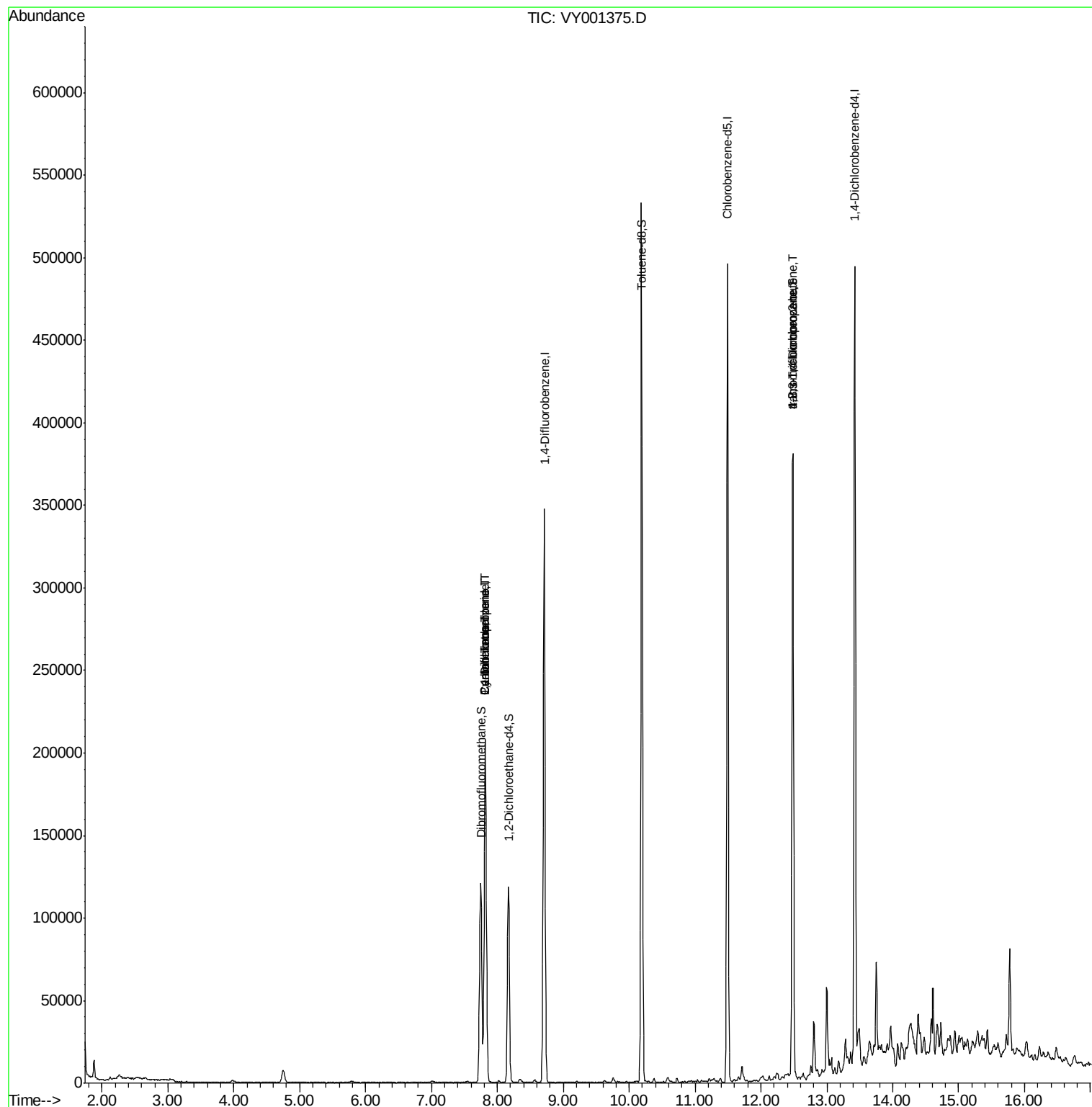
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	163118	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	294997	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	268194	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	117114	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	87906	49.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.06%	
35) Dibromofluoromethane	7.75	113	85055	49.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.26%	
50) Toluene-d8	10.19	98	347115	51.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.20%	
62) 4-Bromofluorobenzene	12.49	95	125282	46.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.54%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.00	59	62	Below Cal	#	74
13) Acrolein	3.74	56	21	Below Cal	#	57
16) Acetone	3.99	43	2538	Below Cal		98
20) Methylene Chloride	4.75	84	5536	Below Cal		92
31) Cyclohexane	7.82	56	3811	1.110	ug/l #	11
36) 1,1-Dichloropropene	7.81	75	12500	4.485	ug/l #	49
38) Carbon Tetrachloride	7.82	117	15765	6.347	ug/l #	15
76) 1,2,3-Trichloropropane	12.48	75	62226	44.093	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	62226	83.442	ug/l #	14

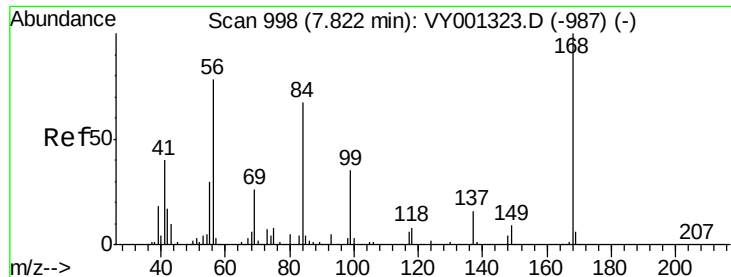
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY012420\
Data File : VY001375.D
Acq On : 24 Jan 2020 12:37
Operator : SY/MD
Sample : L1241-01
Misc : 7.34G/5ML/MSVOA Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Jan 25 03:47:55 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: VY001375.D

Acq: 24 Jan 2020 12:37

Instrument :

MSVOA_Y

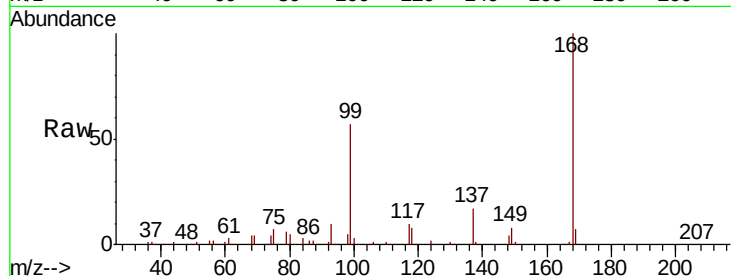
ClientSampled :

Tot Ion:168 Resp: 163118

Ion Ratio Lower Upper

168 100

99 57.2 44.3 66.5



Abundance Ion 167.90 (167.60 to 168.60): VY001323.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY001323.D (-987) (-)

7.82

80000

60000

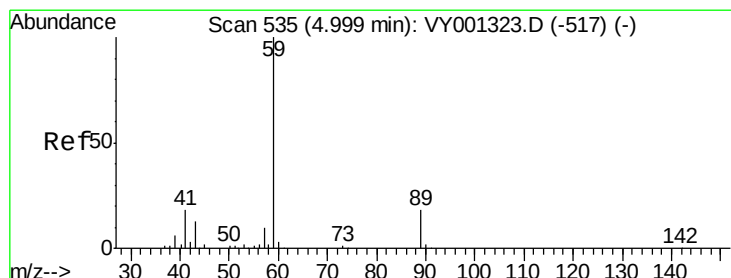
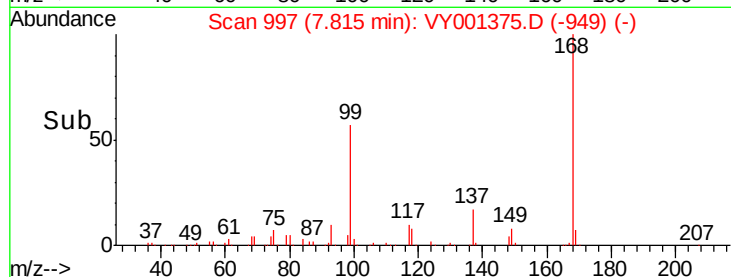
40000

20000

0

7.70 7.80 7.90

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.00 min Scan# 535

Delta R.T. -0.00 min

Lab File: VY001375.D

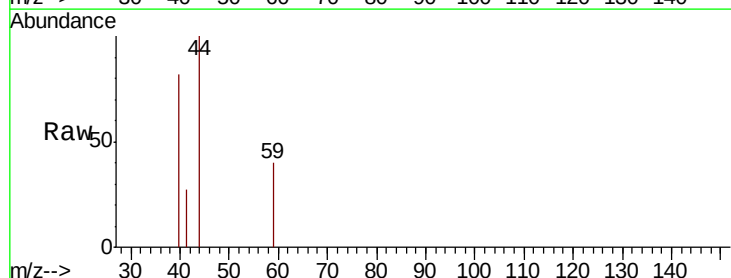
Acq: 24 Jan 2020 12:37

Tgt Ion: 59 Resp: 62

Ion Ratio Lower Upper

59 100

57 0.0 7.4 11.2#



Abundance Ion 59.00 (58.70 to 59.70): VY001323.D (-517) (-)

Ion 57.00 (56.70 to 57.70): VY001323.D (-517) (-)

5.00

100

80

60

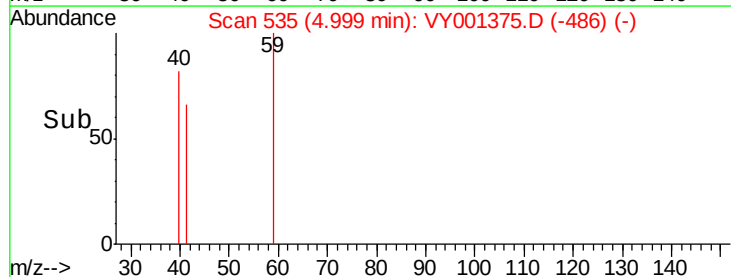
40

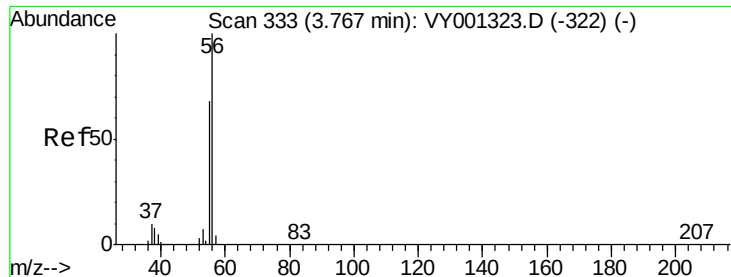
20

0

4.98 5.00 5.02

Time-->





#13

Acrolein

Concen: Below Cal

RT: 3.74 min Scan# 328

Delta R.T. -0.03 min

Lab File: VY001375.D

Acq: 24 Jan 2020 12:37

Instrument :

MSVOA_Y

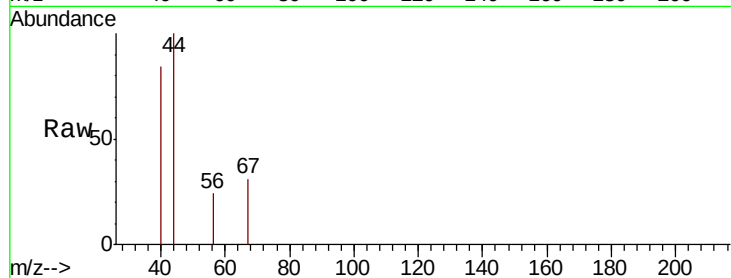
ClientSampleId :

Tot Ion: 56 Resp: 21

Ion Ratio Lower Upper

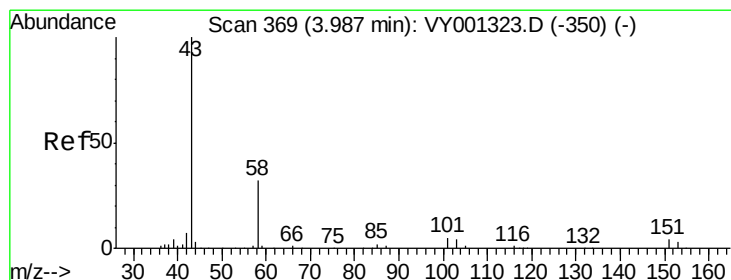
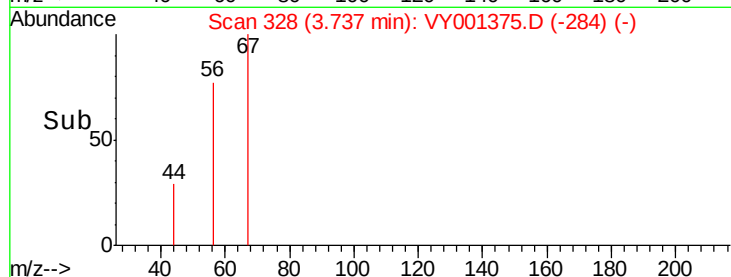
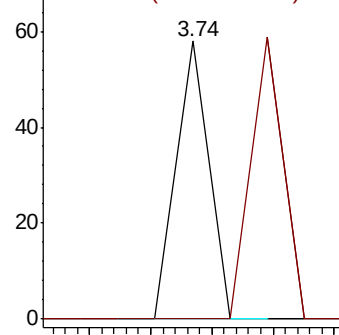
56 100

55 104.8 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: Below Cal

RT: 3.99 min Scan# 369

Delta R.T. -0.00 min

Lab File: VY001375.D

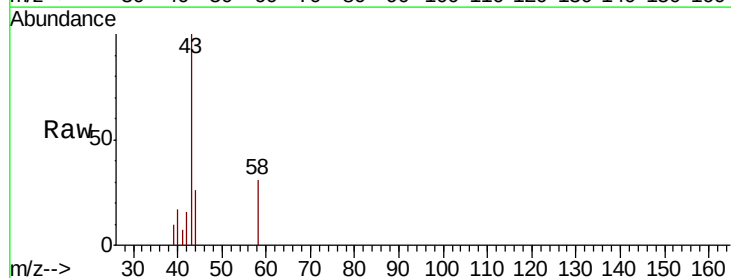
Acq: 24 Jan 2020 12:37

Tgt Ion: 43 Resp: 2538

Ion Ratio Lower Upper

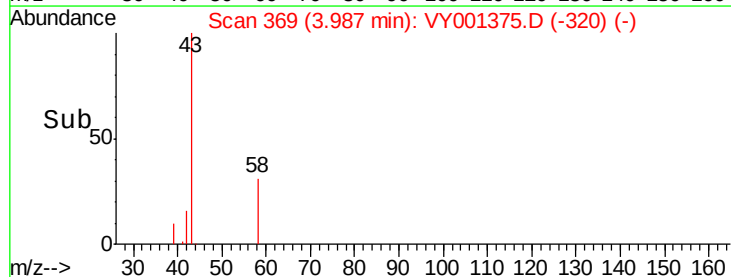
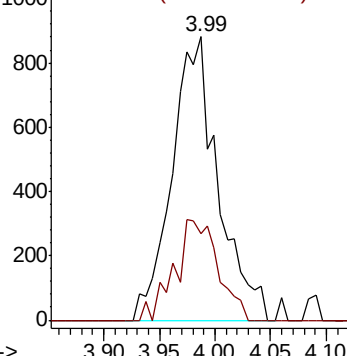
43 100

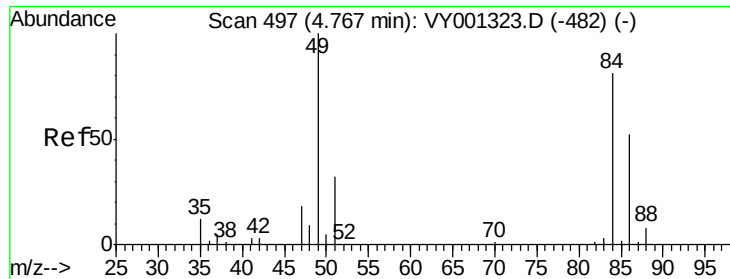
58 30.6 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

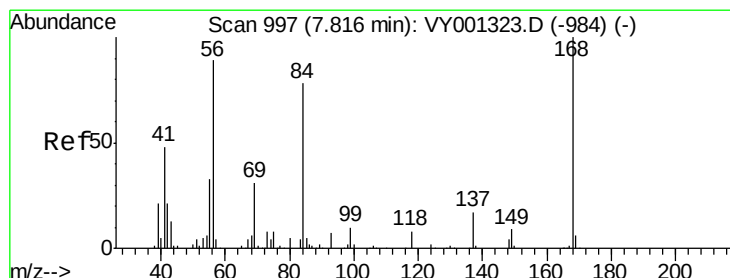
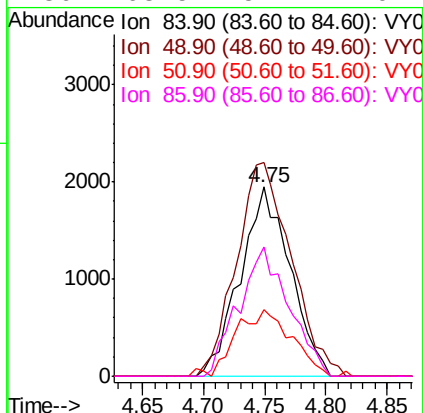
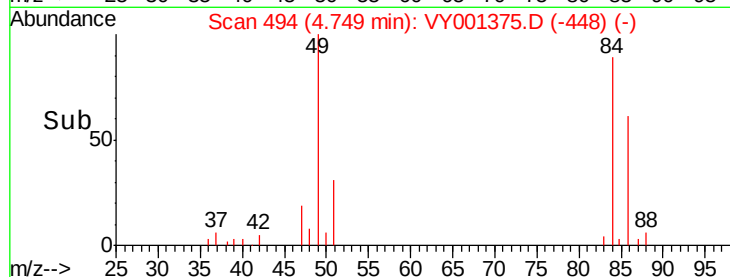
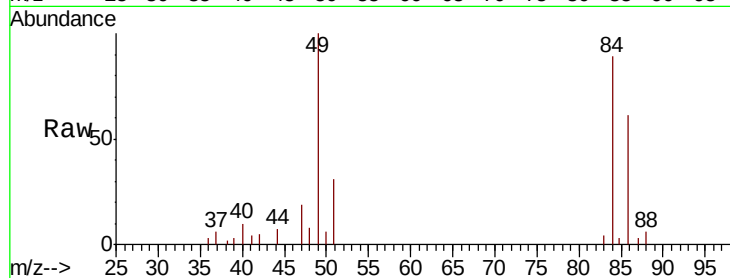




#20
Methylene Chloride
Concen: Below Cal
RT: 4.75 min Scan# 494
Delta R.T. -0.02 min
Lab File: VY001375.D
Acq: 24 Jan 2020 12:37

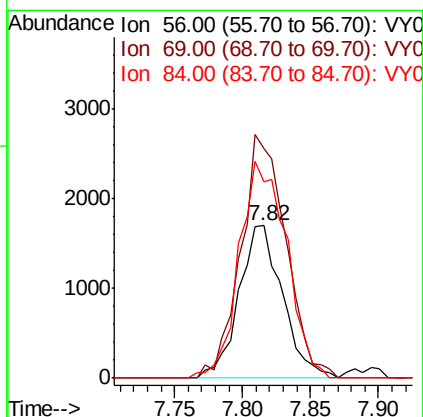
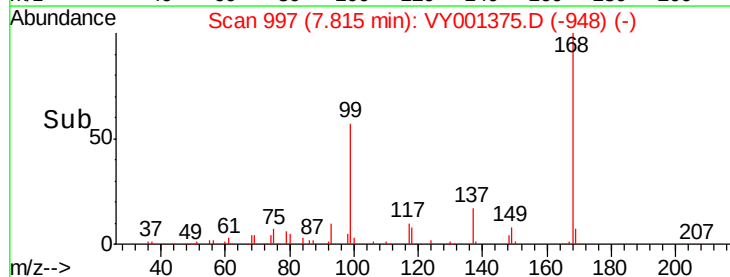
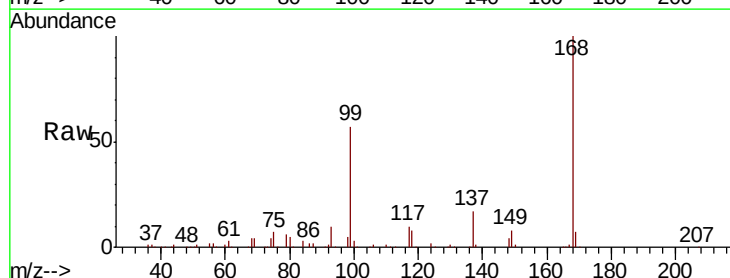
Instrument :
MSVOA_Y
ClientSampleId :

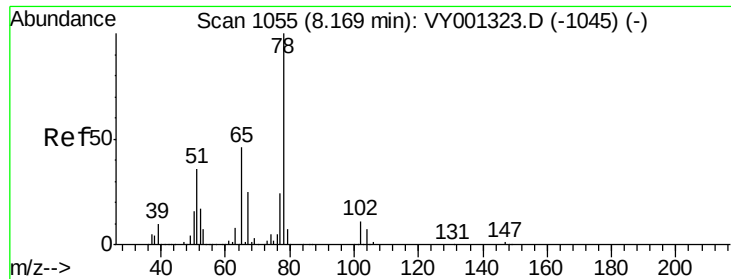
Tot Ion: 84 Resp: 5536
Ion Ratio Lower Upper
84 100
49 112.8 98.3 147.5
51 35.1 31.6 47.4
86 68.5 51.1 76.7



#31
Cyclohexane
Concen: 1.110 ug/l
RT: 7.82 min Scan# 997
Delta R.T. -0.00 min
Lab File: VY001375.D
Acq: 24 Jan 2020 12:37

Tgt Ion: 56 Resp: 3811
Ion Ratio Lower Upper
56 100
69 150.6 27.6 41.4#
84 128.8 69.7 104.5#

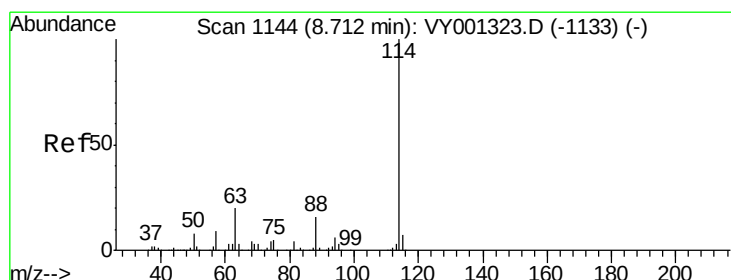
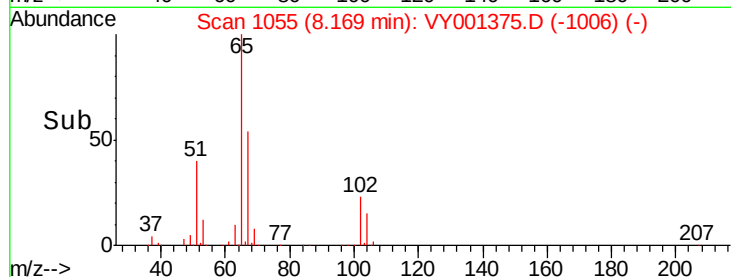
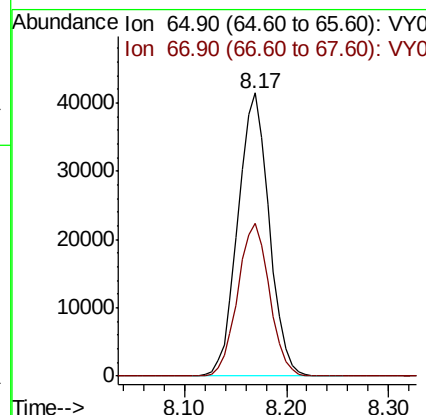
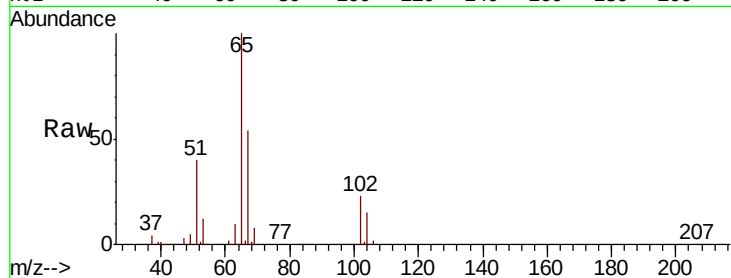




#33
 1,2-Dichloroethane-d4
 Concen: 49.526 ug/l
 RT: 8.17 min Scan# 1055
 Delta R.T. -0.00 min
 Lab File: VY001375.D
 Acq: 24 Jan 2020 12:37

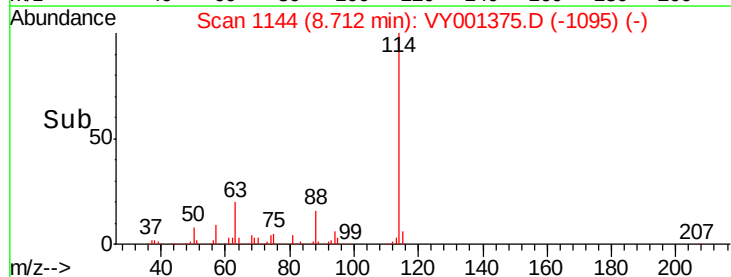
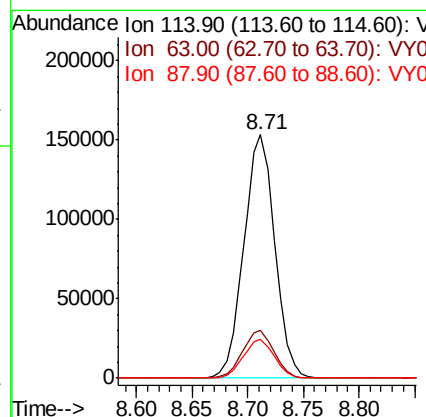
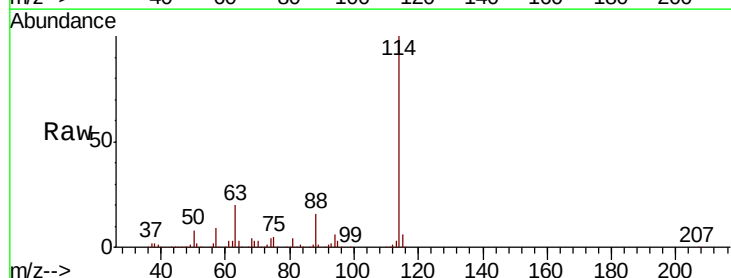
Instrument :
 MSVOA_Y
 ClientSampleId :

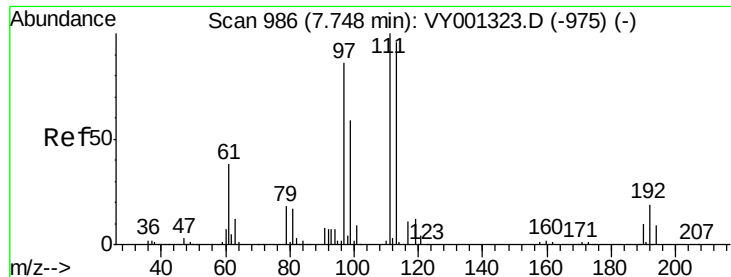
Tot Ion: 65 Resp: 87906
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. -0.00 min
 Lab File: VY001375.D
 Acq: 24 Jan 2020 12:37

Tgt Ion: 114 Resp: 294997
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.8
 88 15.8 0.0 31.0

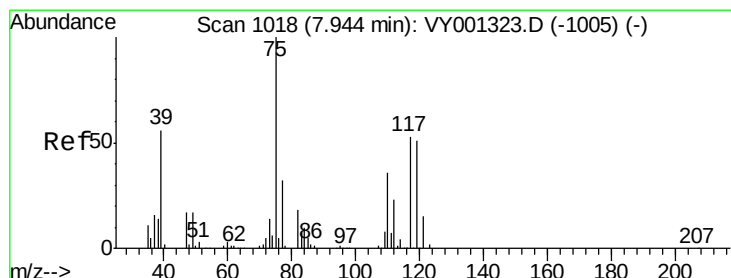
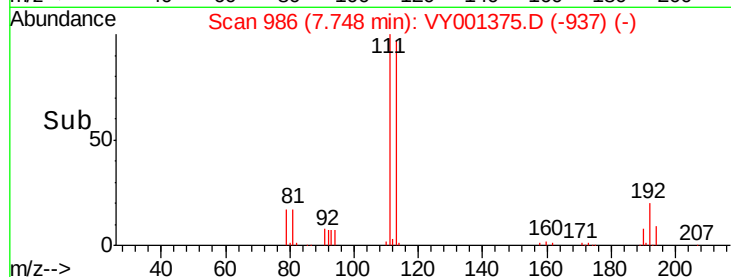
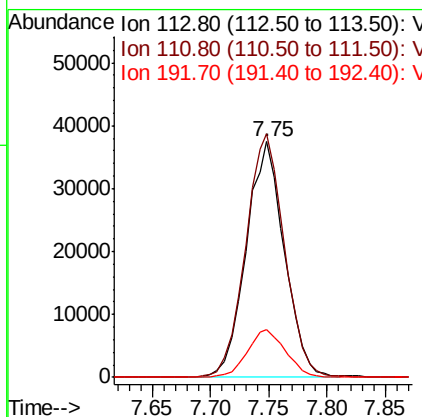
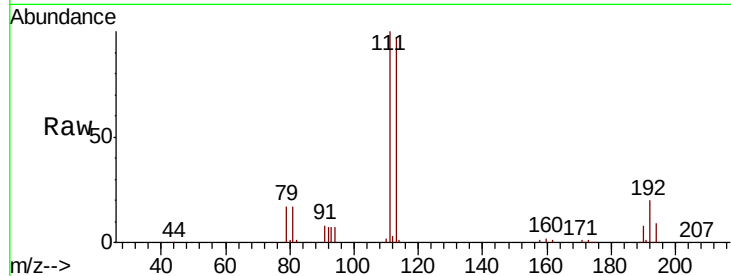




#35
 Dibromofluoromethane
 Concen: 49.126 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. -0.00 min
 Lab File: VY001375.D
 Acq: 24 Jan 2020 12:37

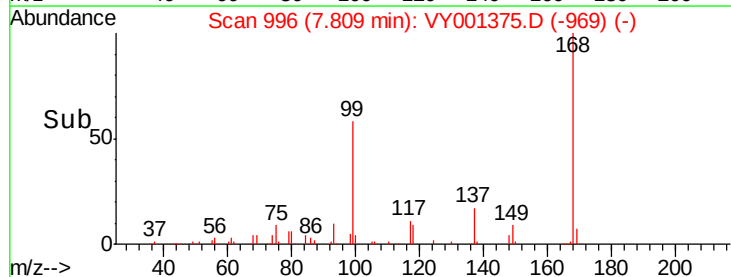
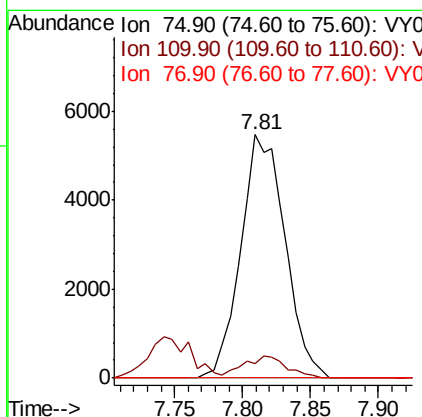
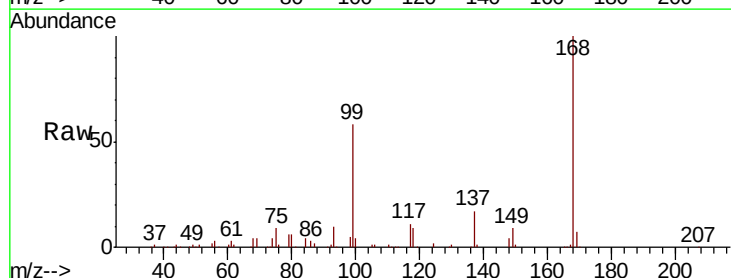
Instrument :
 MSVOA_Y
 ClientSampled :

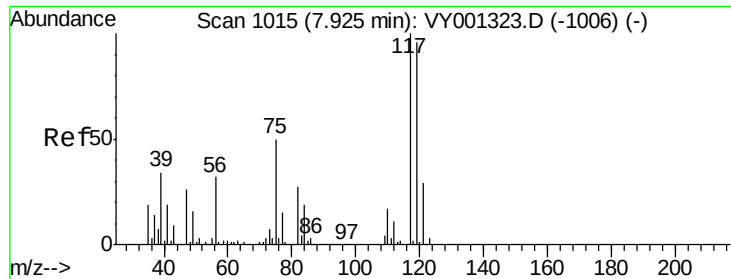
Tot Ion:113 Resp: 85055
 Ion Ratio Lower Upper
 113 100
 111 104.8 82.8 124.2
 192 20.4 15.5 23.3



#36
 1,1-Dichloropropene
 Concen: 4.485 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.13 min
 Lab File: VY001375.D
 Acq: 24 Jan 2020 12:37

Tgt Ion: 75 Resp: 12500
 Ion Ratio Lower Upper
 75 100
 110 8.7 17.6 52.8#
 77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 6.347 ug/l

RT: 7.82 min Scan# 997

Delta R.T. -0.11 min

Lab File: VY001375.D

Acq: 24 Jan 2020 12:37

Instrument :

MSVOA_Y

ClientSampleId :

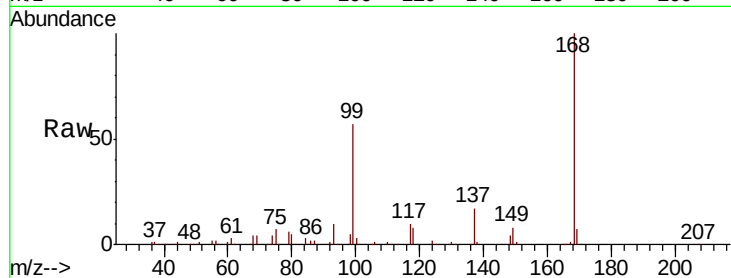
Tot Ion:117 Resp: 15765

Ion Ratio Lower Upper

117 100

119 4.1 76.3 114.5#

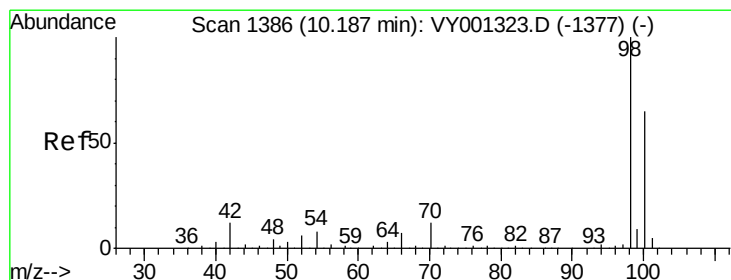
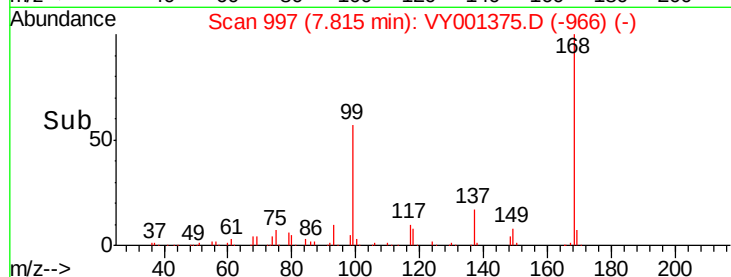
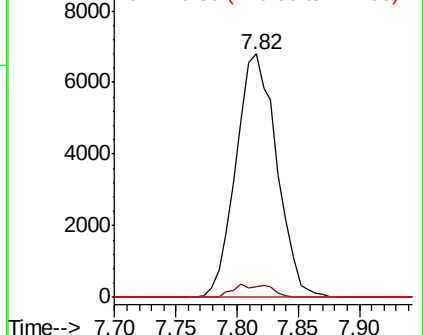
121 0.0 23.5 35.3#



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: 51.602 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.00 min

Lab File: VY001375.D

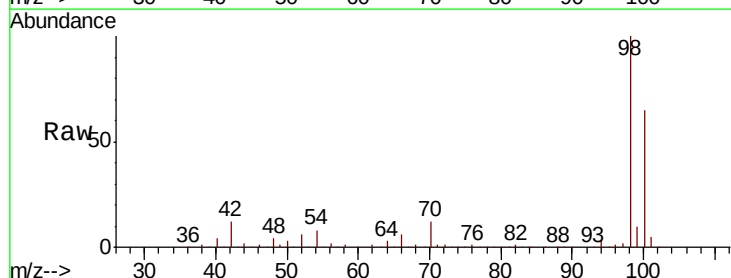
Acq: 24 Jan 2020 12:37

Tgt Ion: 98 Resp: 347115

Ion Ratio Lower Upper

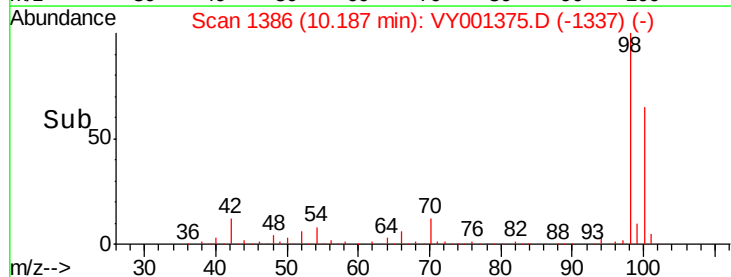
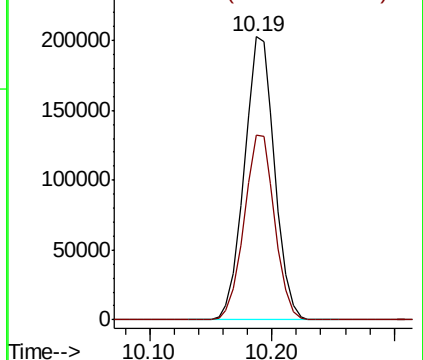
98 100

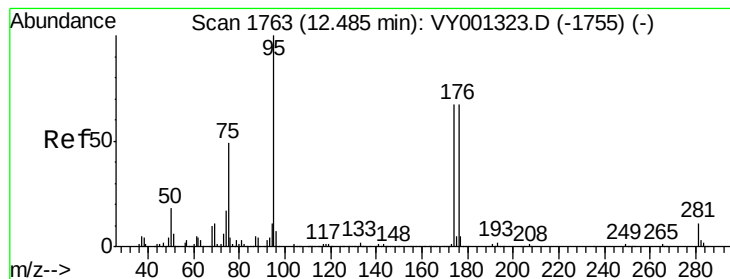
100 65.8 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY





#62

4-Bromofluorobenzene

Concen: 46.768 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VY001375.D

Acq: 24 Jan 2020 12:37

Instrument :

MSVOA_Y

ClientSampleId :

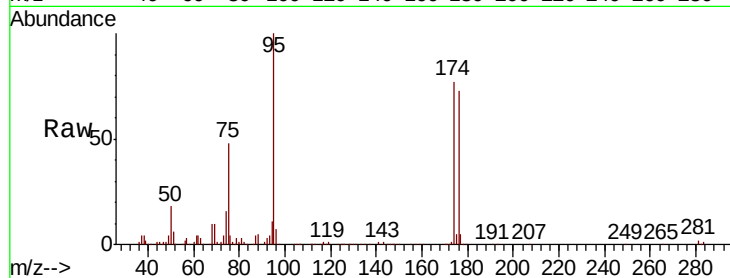
Tot Ion: 95 Resp: 125282

Ion Ratio Lower Upper

95 100

174 74.6 0.0 142.0

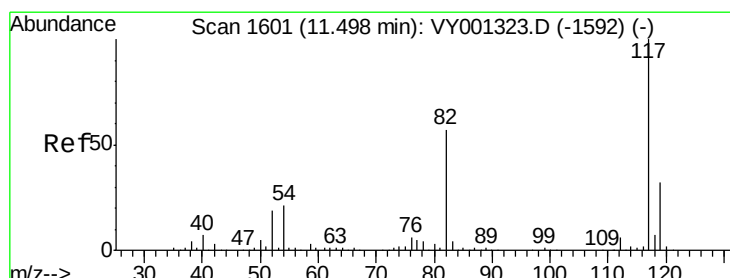
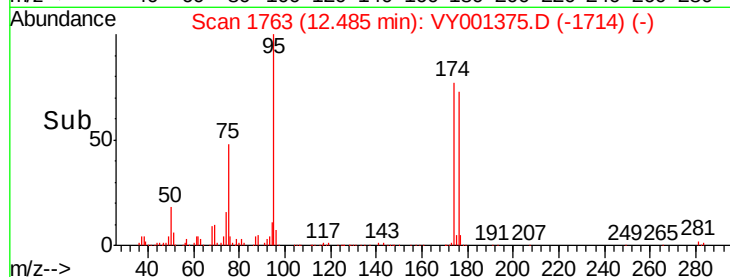
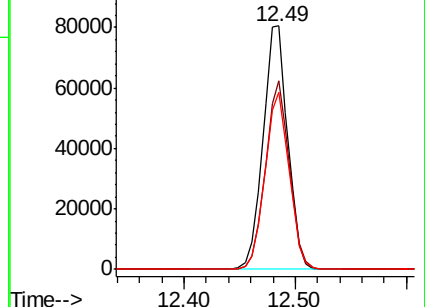
176 71.0 0.0 138.6



Abundance Ion 94.90 (94.60 to 95.60): VY001375.D (-1714) (-)

Ion 173.80 (173.50 to 174.50): VY001375.D (-1714) (-)

Ion 175.80 (175.50 to 176.50): VY001375.D (-1714) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.50 min Scan# 1601

Delta R.T. -0.00 min

Lab File: VY001375.D

Acq: 24 Jan 2020 12:37

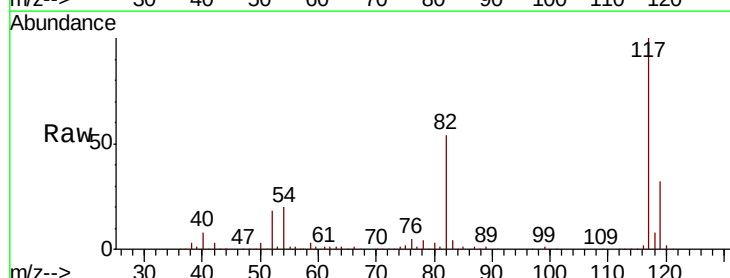
Tgt Ion: 117 Resp: 268194

Ion Ratio Lower Upper

117 100

82 53.9 45.5 68.3

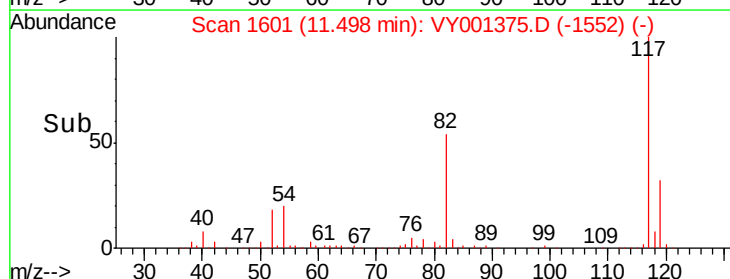
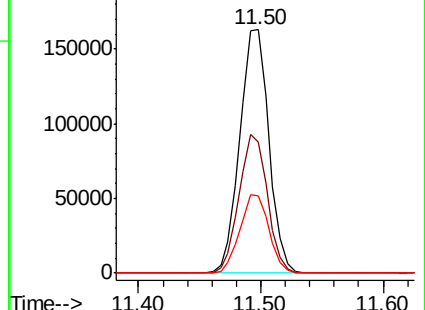
119 31.6 25.8 38.6

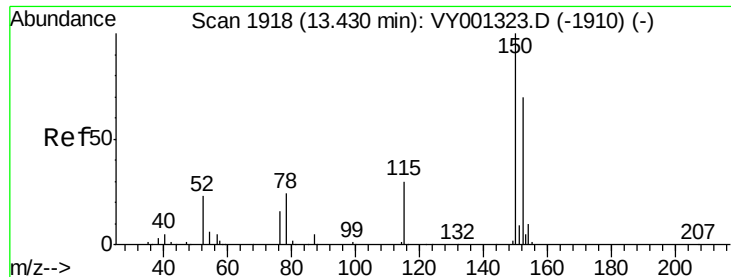


Abundance Ion 116.90 (116.60 to 117.60): VY001375.D (-1552) (-)

Ion 82.00 (81.70 to 82.70): VY001375.D (-1552) (-)

Ion 118.90 (118.60 to 119.60): VY001375.D (-1552) (-)



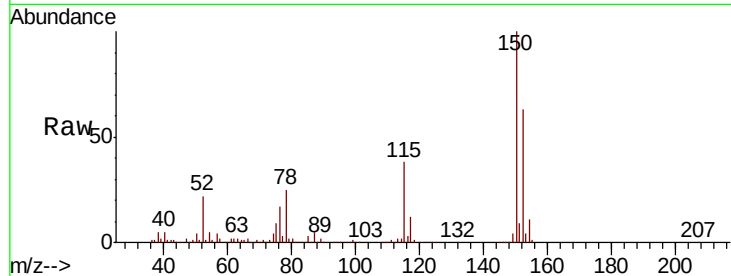


#72

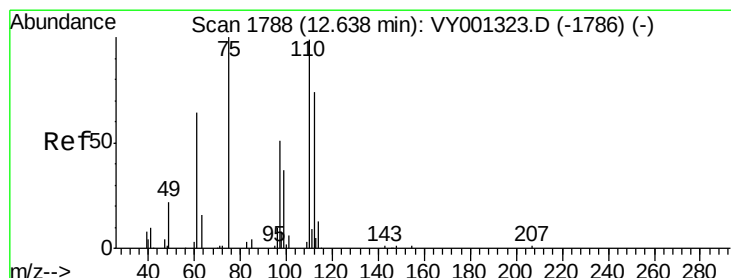
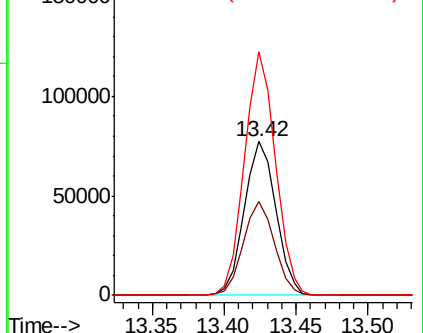
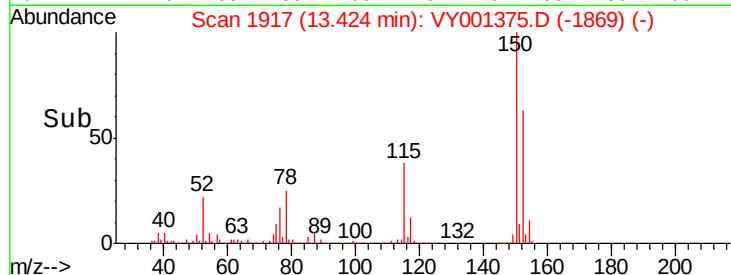
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY001375.D
Acq: 24 Jan 2020 12:37

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:152 Resp: 117114
Ion Ratio Lower Upper
152 100
115 60.1 30.9 92.8
150 155.5 0.0 349.2



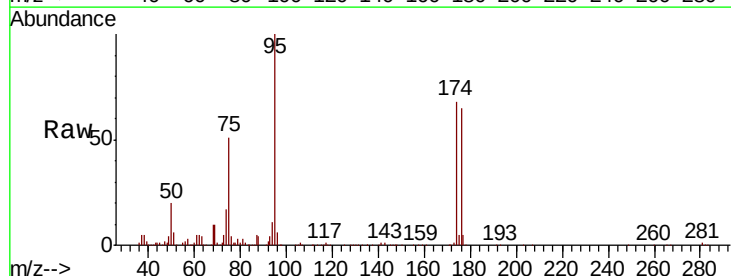
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



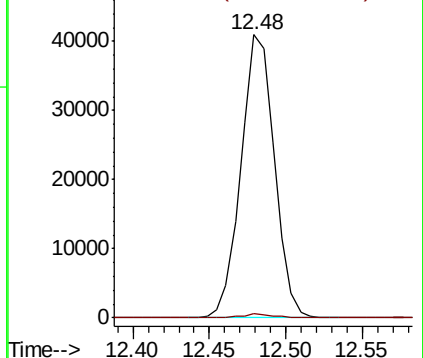
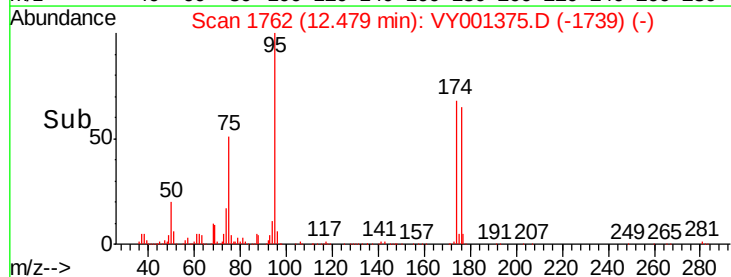
#76

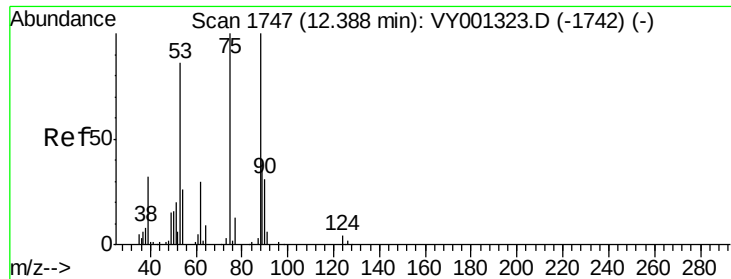
1,2,3-Trichloropropane
Concen: 44.093 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.16 min
Lab File: VY001375.D
Acq: 24 Jan 2020 12:37

Tgt Ion: 75 Resp: 62226
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: 83.442 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.09 min

Lab File: VY001375.D

Acq: 24 Jan 2020 12:37

Instrument :

MSVOA_Y

ClientSampleId :

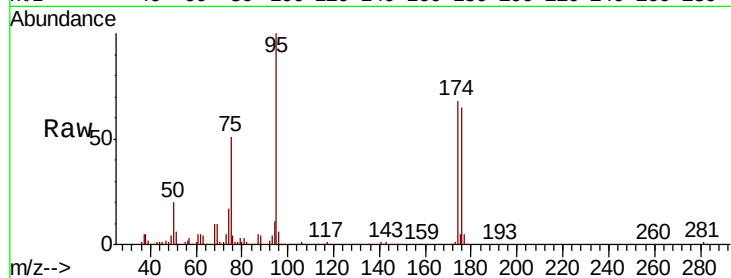
Tot Ion: 75 Resp: 62226

Ion Ratio Lower Upper

75 100

53 0.0 69.9 104.9#

89 0.0 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

