

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012220\
 Data File : VY001332.D
 Acq On : 22 Jan 2020 15:45
 Operator : SY/MD
 Sample : L1216-01
 Misc : 5.03G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 23 01:14:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:09:50 2020
 Response via : Initial Calibration

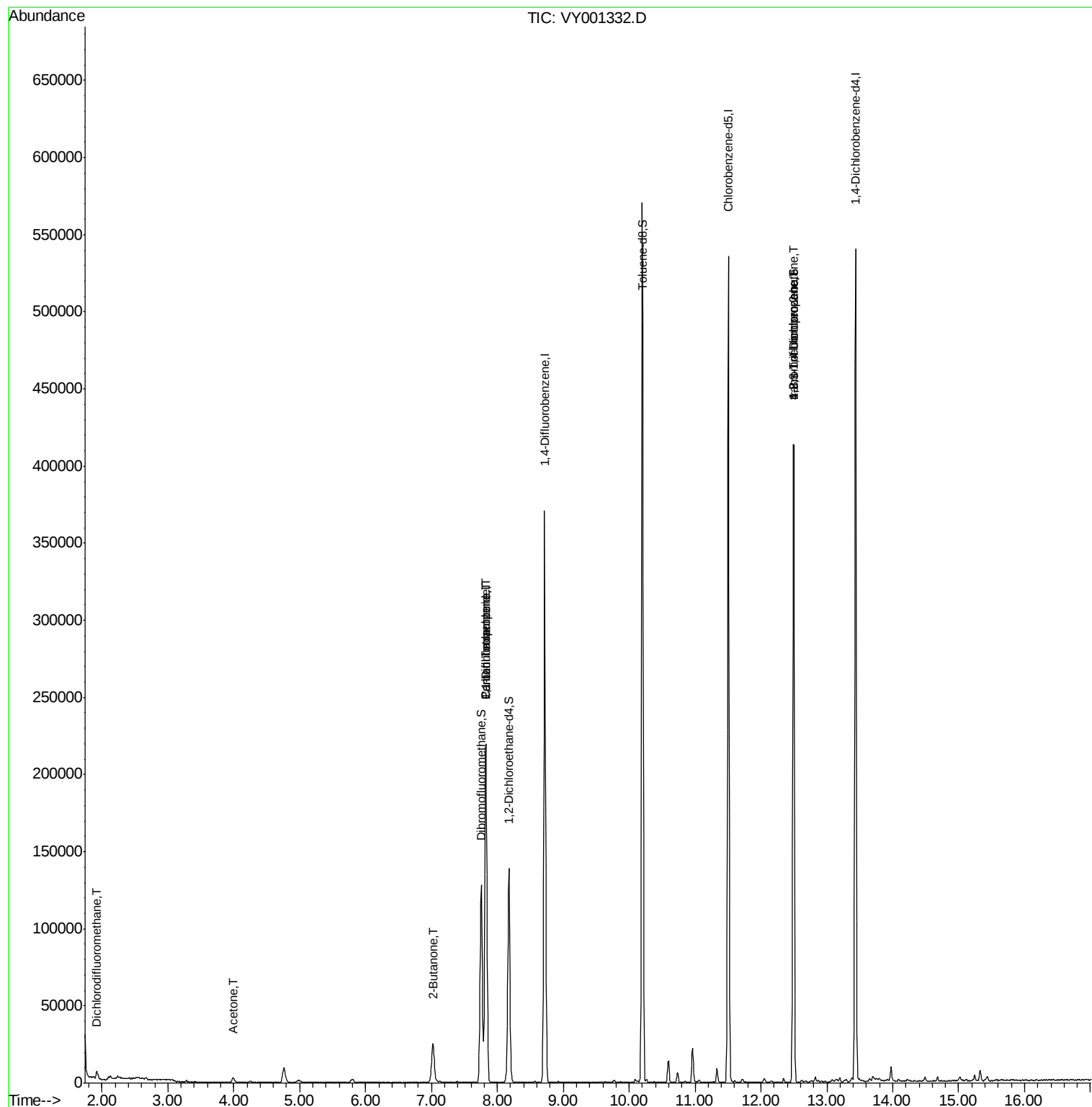
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.83	168	171794	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.72	114	312584	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	282751	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.44	152	131526	50.00	ug/l	-0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.18	65	101243	54.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.32%	
35) Dibromofluoromethane	7.75	113	92917	50.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.30%	
50) Toluene-d8	10.20	98	368295	51.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.34%	
62) 4-Bromofluorobenzene	12.49	95	137499	48.44	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	96.88%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.92	85	3939	2.907	ug/l	96
11) Tert butyl alcohol	4.99	59	2440	Below Cal	#	77
13) Acrolein	3.78	56	51	Below Cal	#	80
16) Acetone	3.99	43	5198	3.069	ug/l #	84
20) Methylene Chloride	4.77	84	7125	Below Cal		89
25) 2-Butanone	7.03	43	2478	3.046	ug/l #	88
36) 1,1-Dichloropropene	7.82	75	13316	4.509	ug/l #	49
38) Carbon Tetrachloride	7.83	117	16665	6.332	ug/l #	16
76) 1,2,3-Trichloropropane	12.49	75	67968	42.885	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	67968	81.155	ug/l #	14

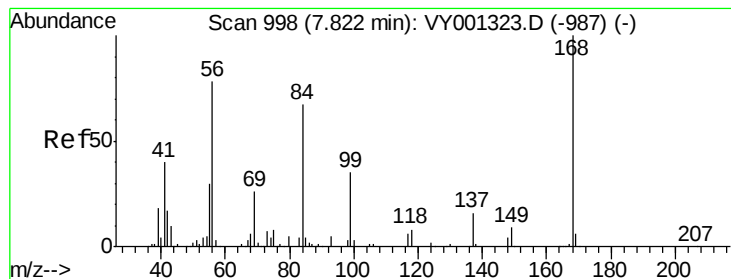
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY012220\
Data File : VY001332.D
Acq On : 22 Jan 2020 15:45
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Misc : 5.03G/5ML/MSVOA Y/SOIL
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Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Jan 23 01:14:47 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 23 01:09:50 2020
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: VY001332.D

Acq: 22 Jan 2020 15:45

Instrument :

MSVOA_Y

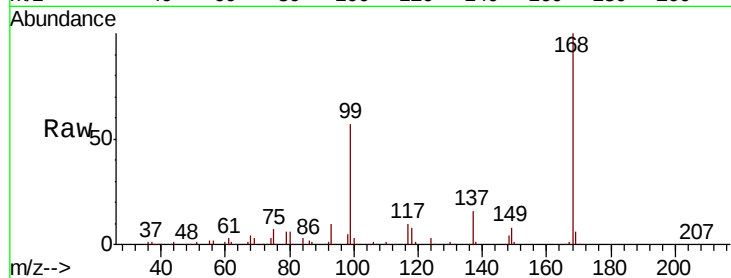
ClientSampled :

Tot Ion:168 Resp: 171794

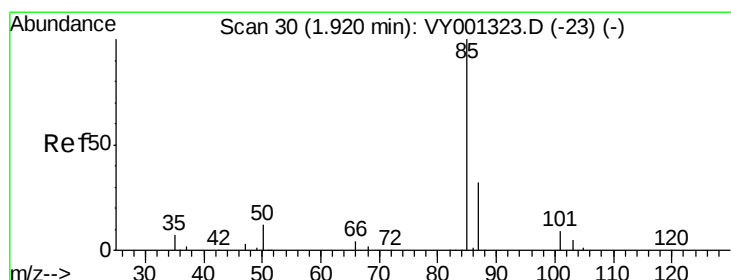
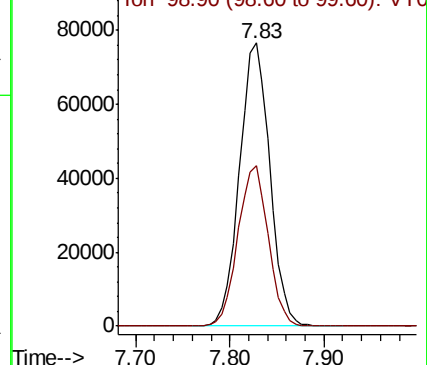
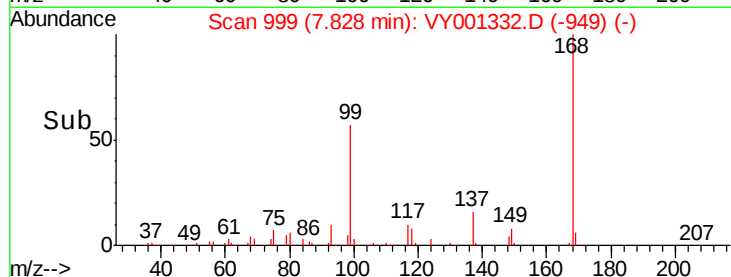
Ion Ratio Lower Upper

168 100

99 56.6 44.3 66.5



Abundance Ion 167.90 (167.60 to 168.60): VY001332.D (-949) (-)



#2

Dichlorodifluoromethane

Concen: 2.907 ug/l

RT: 1.92 min Scan# 30

Delta R.T. 0.00 min

Lab File: VY001332.D

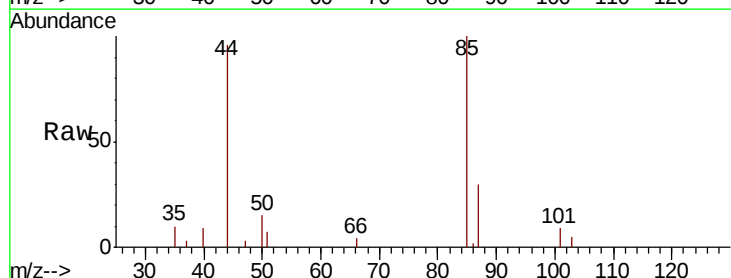
Acq: 22 Jan 2020 15:45

Tgt Ion: 85 Resp: 3939

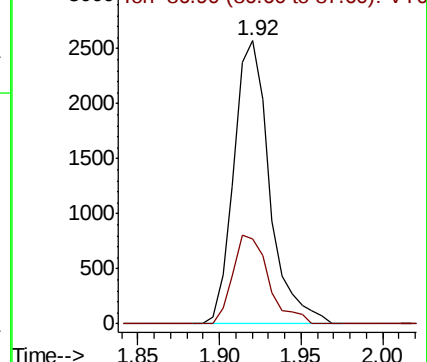
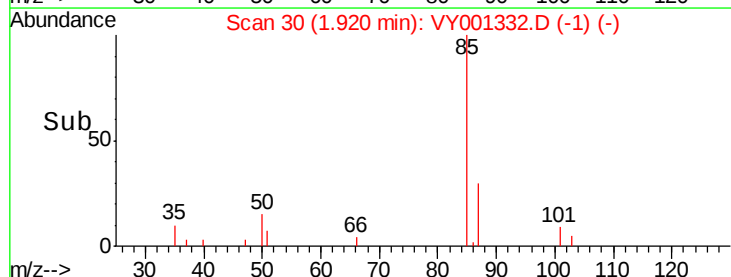
Ion Ratio Lower Upper

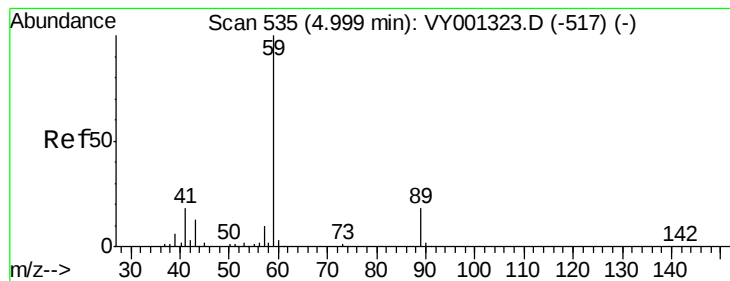
85 100

87 29.9 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VY001332.D (-1) (-)



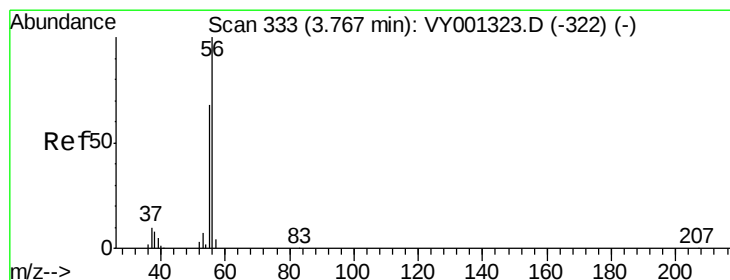
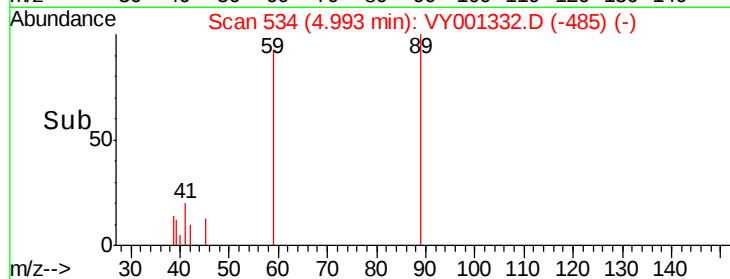
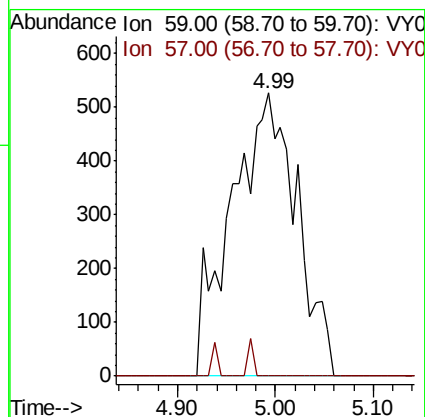
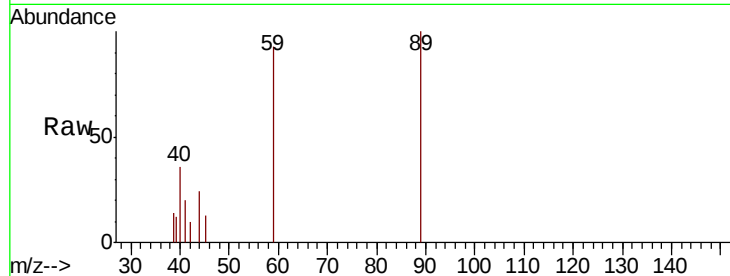


#11

Tert butyl alcohol
Concen: Below Cal
RT: 4.99 min Scan# 534
Delta R.T. 0.00 min
Lab File: VY001332.D
Acq: 22 Jan 2020 15:45

Instrument :
MSVOA_Y
ClientSampleId :

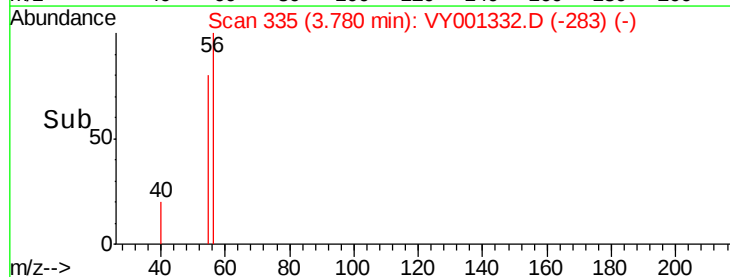
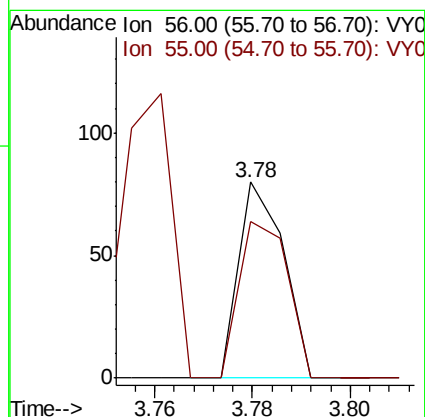
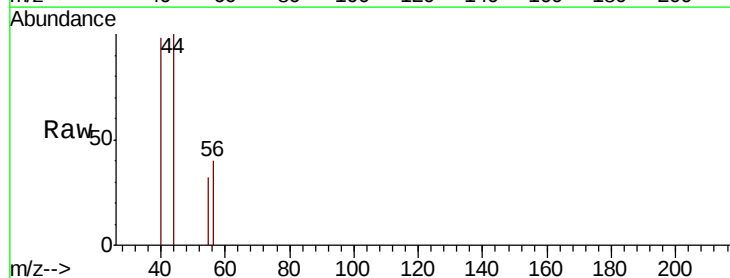
Tot Ion: 59 Resp: 2440
Ion Ratio Lower Upper
59 100
57 1.1 7.4 11.2#

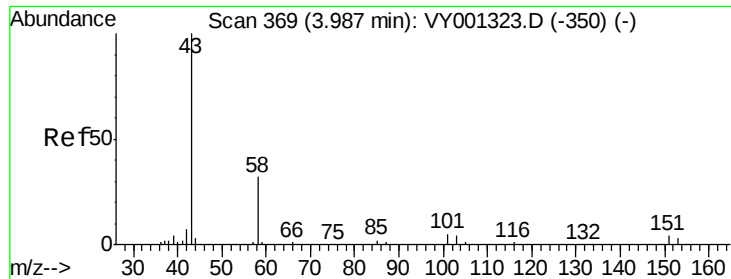


#13

Acrolein
Concen: Below Cal
RT: 3.78 min Scan# 335
Delta R.T. 0.02 min
Lab File: VY001332.D
Acq: 22 Jan 2020 15:45

Tgt Ion: 56 Resp: 51
Ion Ratio Lower Upper
56 100
55 86.3 55.9 83.9#





#16

Acetone

Concen: 3.069 ug/l

RT: 3.99 min Scan# 369

Delta R.T. 0.01 min

Lab File: VY001332.D

Acq: 22 Jan 2020 15:45

Instrument :

MSVOA_Y

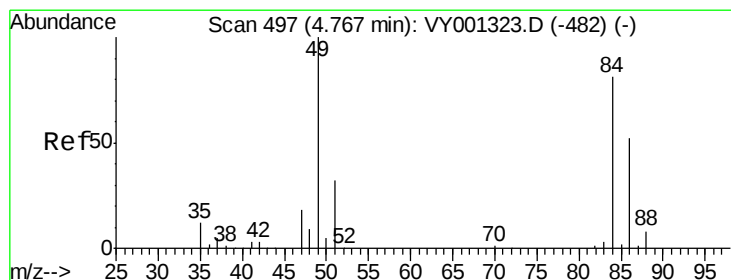
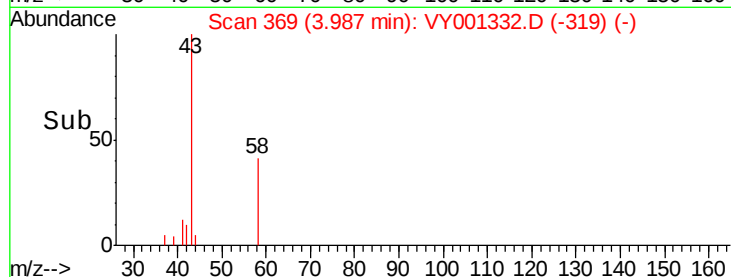
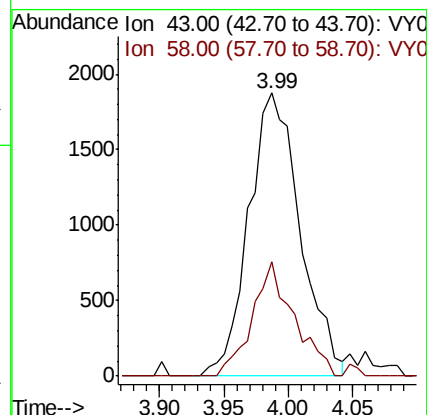
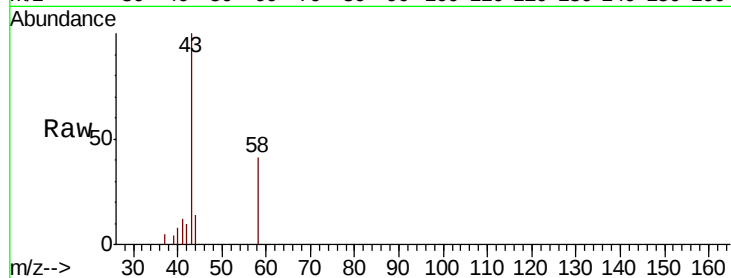
ClientSampleId :

Tot Ion: 43 Resp: 5198

Ion Ratio Lower Upper

43 100

58 40.6 25.4 38.0#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.77 min Scan# 497

Delta R.T. 0.01 min

Lab File: VY001332.D

Acq: 22 Jan 2020 15:45

Tgt Ion: 84 Resp: 7125

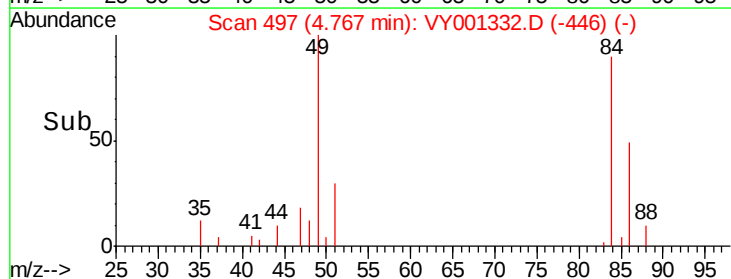
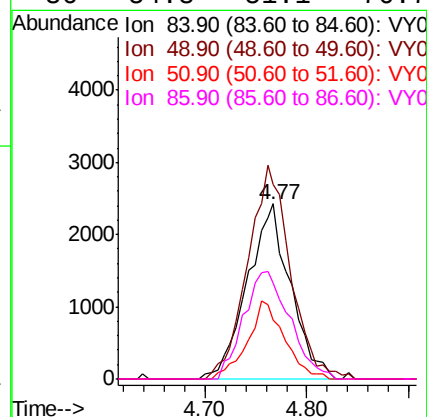
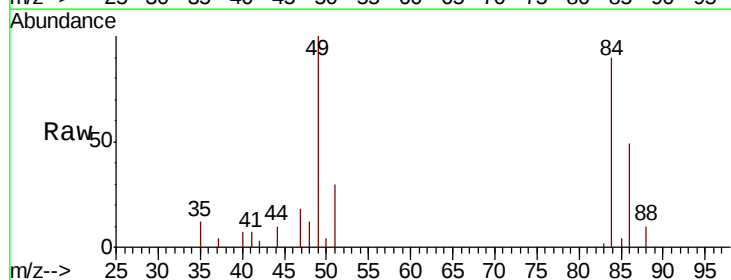
Ion Ratio Lower Upper

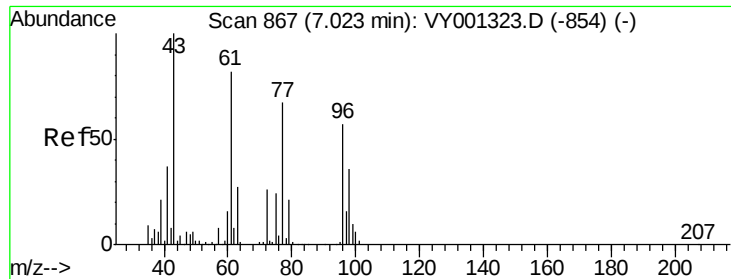
84 100

49 111.5 98.3 147.5

51 33.5 31.6 47.4

86 54.8 51.1 76.7





#25

2-Butanone

Concen: 3.046 ug/l

RT: 7.03 min Scan# 868

Delta R.T. 0.01 min

Lab File: VY001332.D

Acq: 22 Jan 2020 15:45

Instrument :

MSVOA_Y

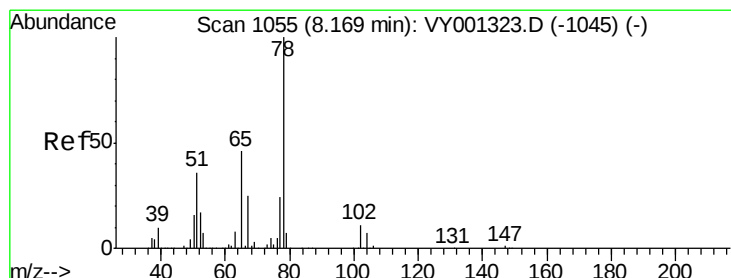
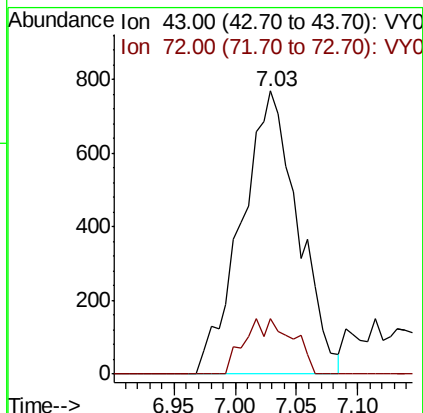
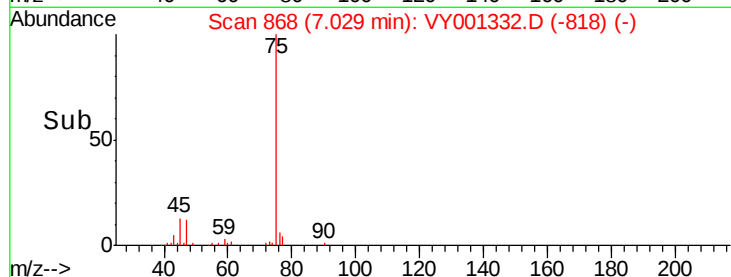
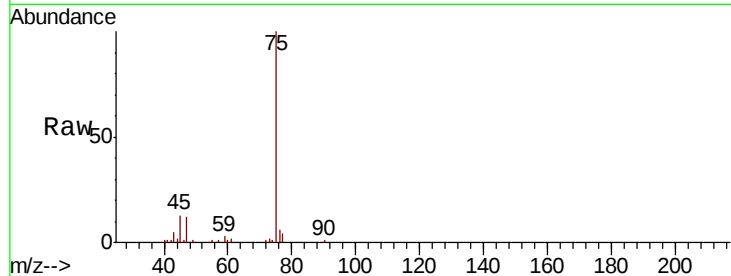
ClientSampleId :

Tot Ion: 43 Resp: 2478

Ion Ratio Lower Upper

43 100

72 19.6 20.6 31.0#



#33

1,2-Dichloroethane-d4

Concen: 54.159 ug/l

RT: 8.18 min Scan# 1056

Delta R.T. 0.00 min

Lab File: VY001332.D

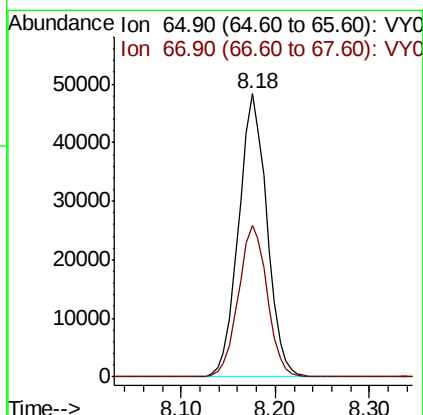
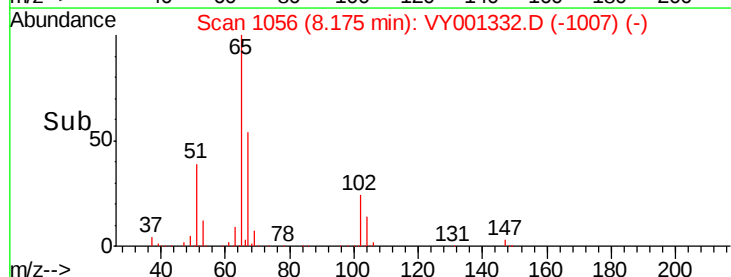
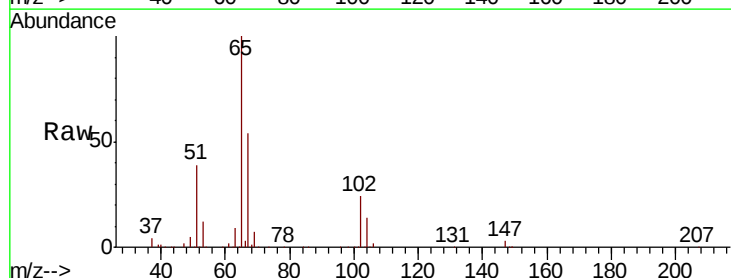
Acq: 22 Jan 2020 15:45

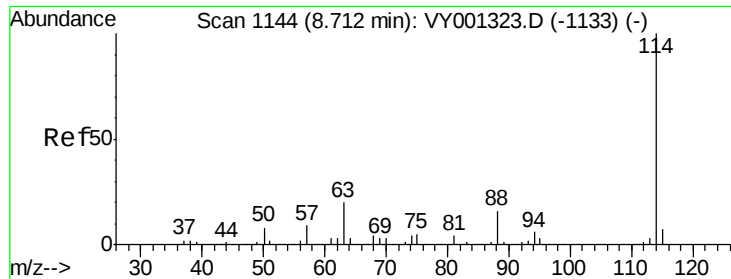
Tgt Ion: 65 Resp: 101243

Ion Ratio Lower Upper

65 100

67 54.4 0.0 108.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.72 min Scan# 1145

Delta R.T. 0.00 min

Lab File: VY001332.D

Acq: 22 Jan 2020 15:45

Instrument :
MSVOA_Y
ClientSampleId :

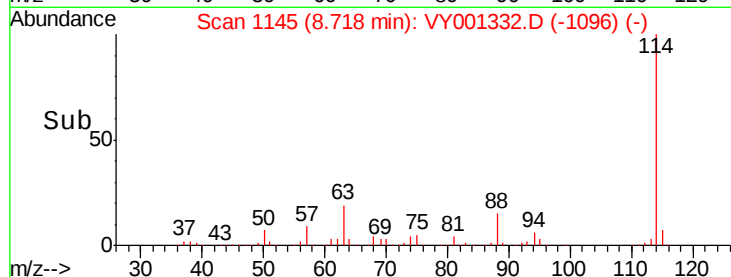
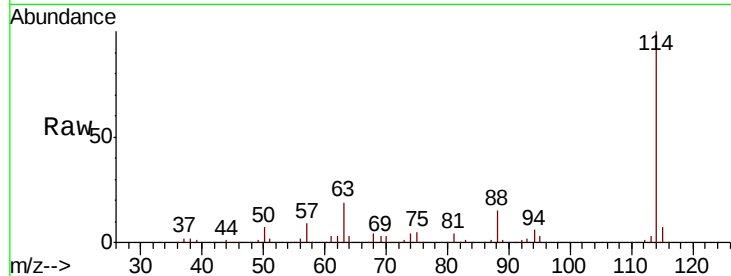
Tot Ion:114 Resp: 312584

Ion Ratio Lower Upper

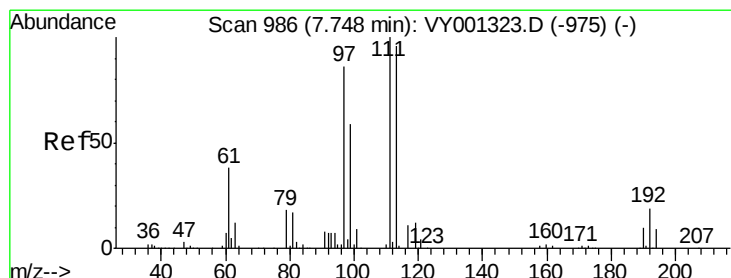
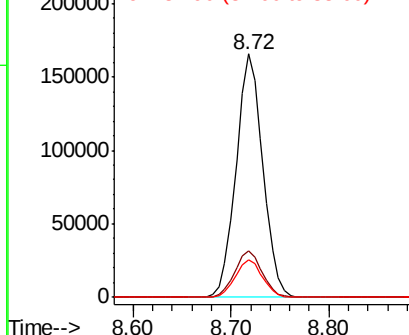
114 100

63 19.4 0.0 40.8

88 15.2 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: 50.647 ug/l

RT: 7.75 min Scan# 987

Delta R.T. 0.01 min

Lab File: VY001332.D

Acq: 22 Jan 2020 15:45

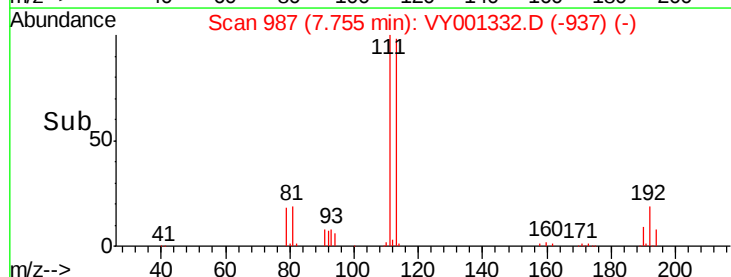
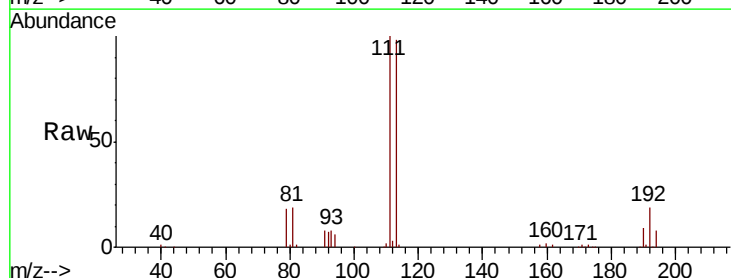
Tgt Ion:113 Resp: 92917

Ion Ratio Lower Upper

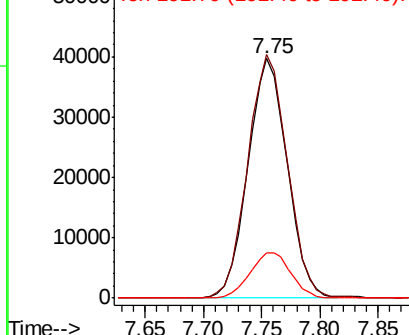
113 100

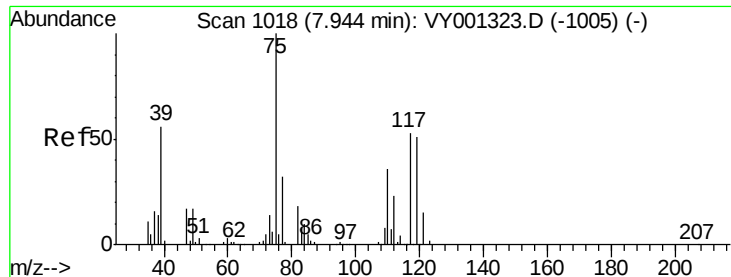
111 103.1 82.8 124.2

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

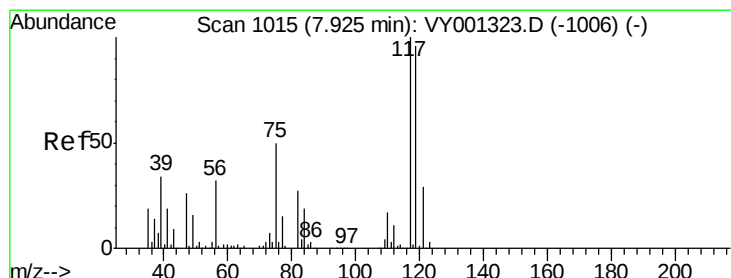
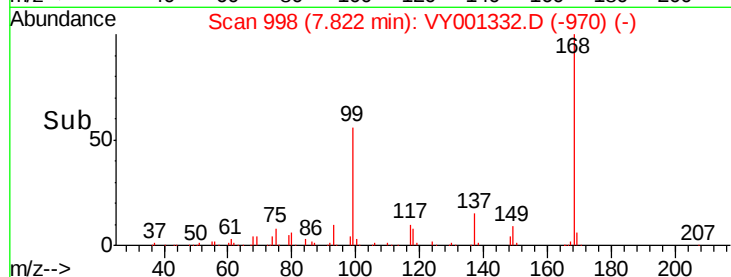
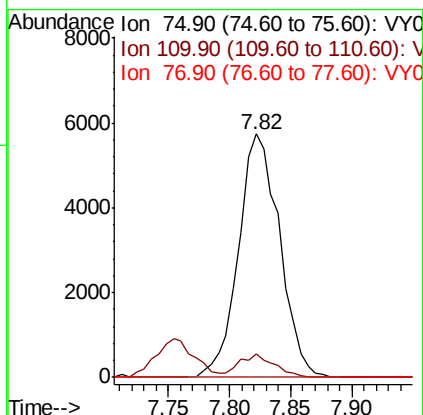
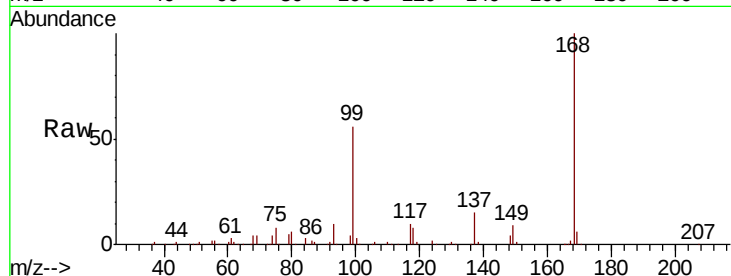




#36
 1,1-Dichloropropene
 Concen: 4.509 ug/l
 RT: 7.82 min Scan# 998
 Delta R.T. -0.13 min
 Lab File: VY001332.D
 Acq: 22 Jan 2020 15:45

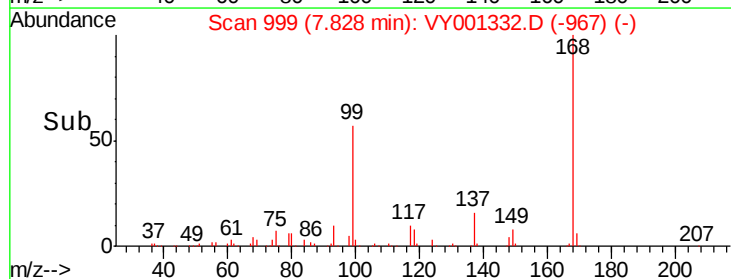
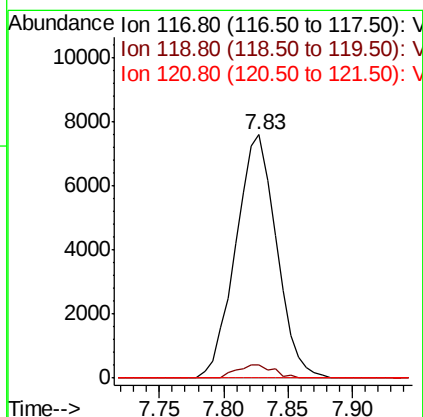
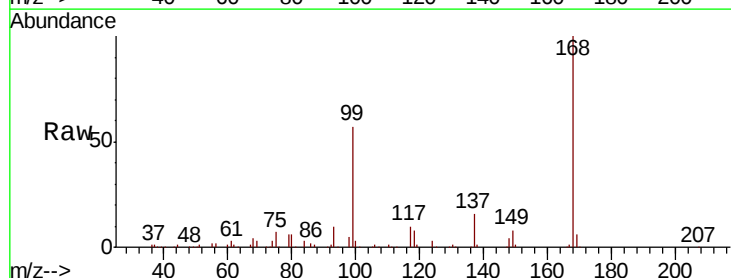
Instrument :
 MSVOA_Y
 ClientSampleId :

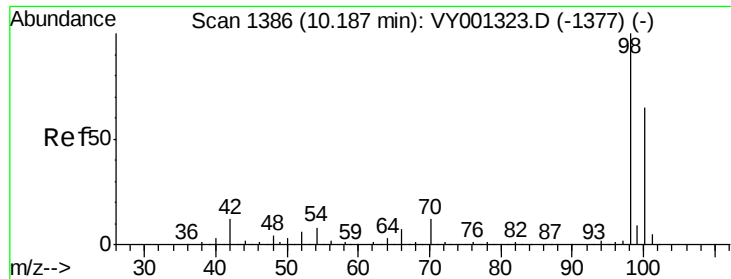
Tot Ion	75	Resp	13316
Ion Ratio	100	Lower	Upper
75	100		
110	8.3	17.6	52.8#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 6.332 ug/l
 RT: 7.83 min Scan# 999
 Delta R.T. -0.10 min
 Lab File: VY001332.D
 Acq: 22 Jan 2020 15:45

Tgt Ion	117	Resp	16665
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
117	100		
119	5.2	76.3	114.5#
121	0.0	23.5	35.3#





#50

Toluene-d8

Concen: 51.670 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. -0.01 min

Lab File: VY001332.D

Acq: 22 Jan 2020 15:45

Instrument :

MSVOA_Y

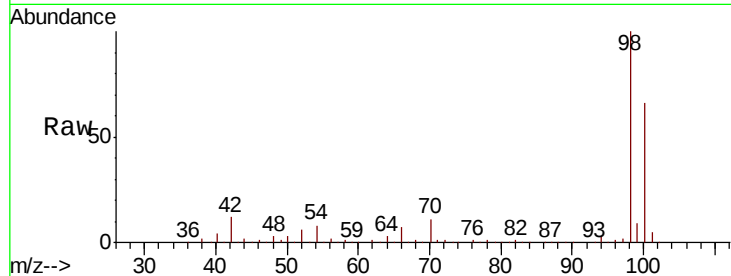
ClientSampleId :

Tot Ion: 98 Resp: 368295

Ion Ratio Lower Upper

98 100

100 66.1 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VY001332.D (-1377) (-)

Ion 100.00 (99.70 to 100.70): VY001332.D (-1377) (-)

10.20

250000

200000

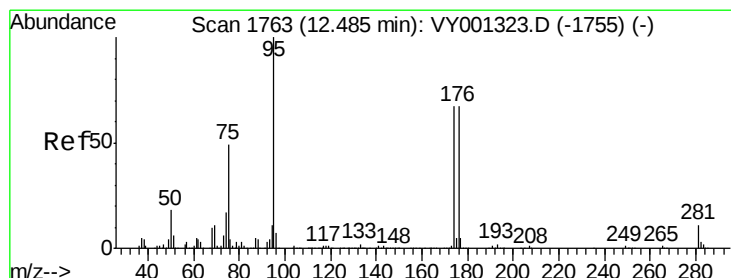
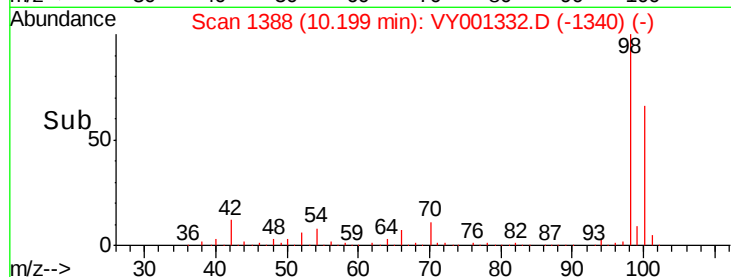
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 48.441 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.02 min

Lab File: VY001332.D

Acq: 22 Jan 2020 15:45

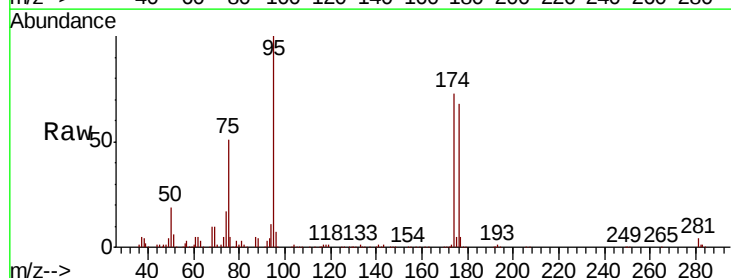
Tgt Ion: 95 Resp: 137499

Ion Ratio Lower Upper

95 100

174 74.4 0.0 142.0

176 72.2 0.0 138.6



Abundance Ion 94.90 (94.60 to 95.60): VY001332.D (-1718) (-)

Ion 173.80 (173.50 to 174.50): VY001332.D (-1718) (-)

Ion 175.80 (175.50 to 176.50): VY001332.D (-1718) (-)

12.49

120000

100000

80000

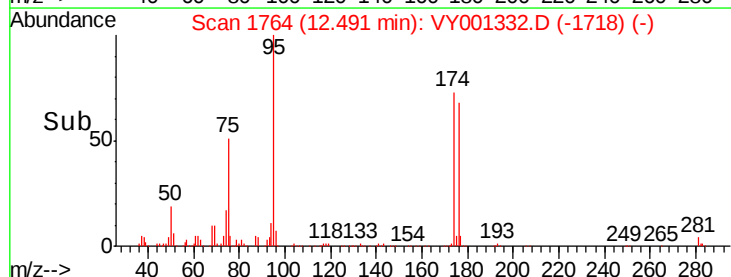
60000

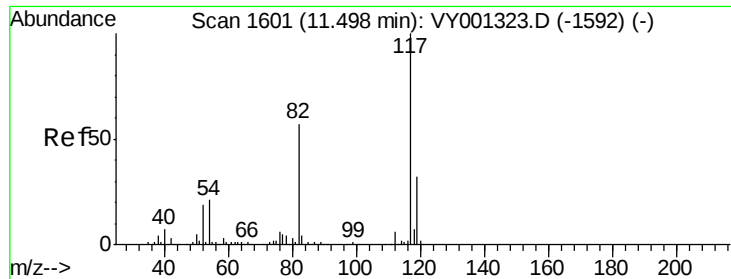
40000

20000

0

Time-->

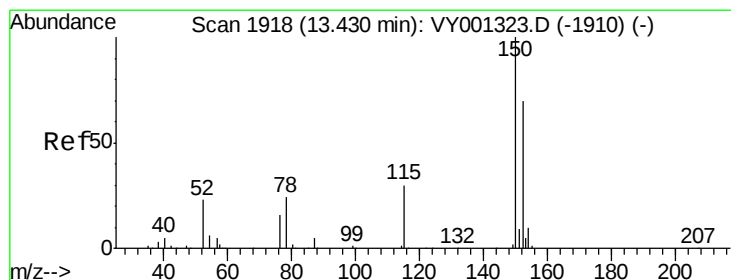
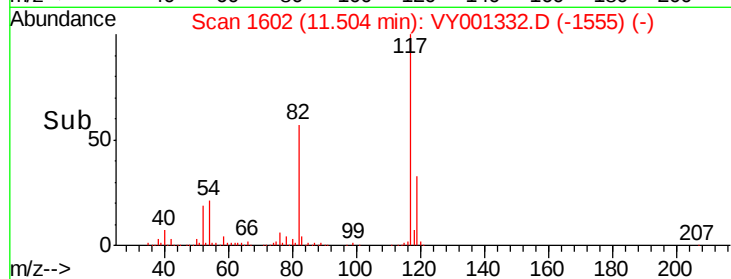
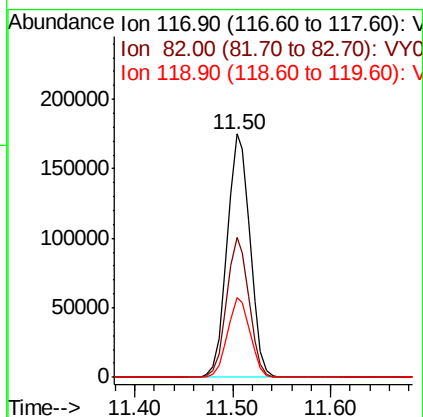
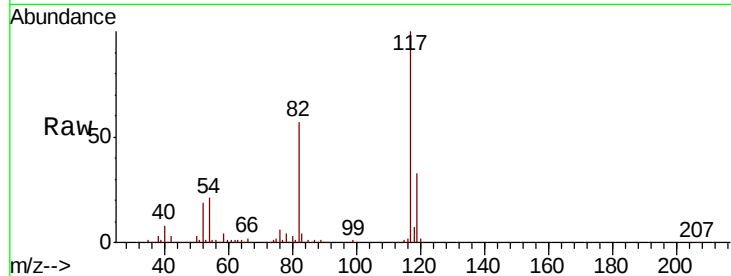




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. -0.01 min
Lab File: VY001332.D
Acq: 22 Jan 2020 15:45

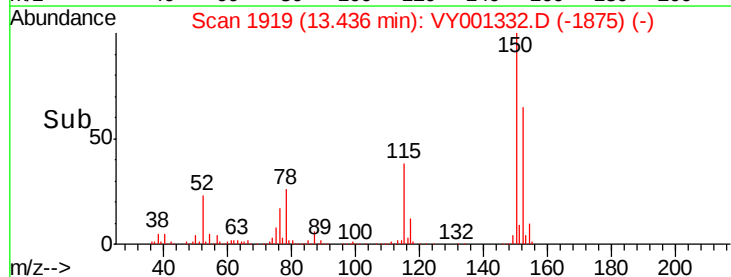
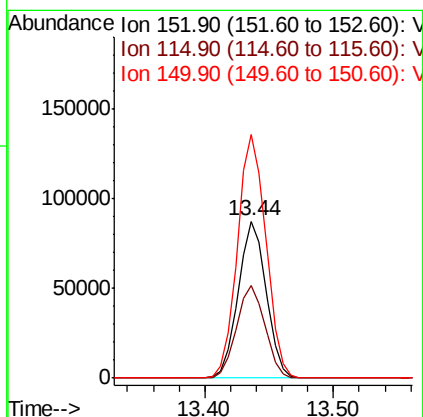
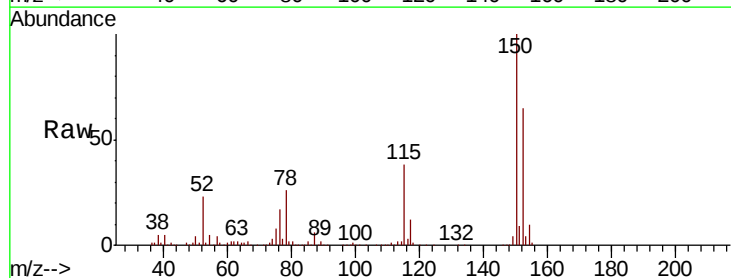
Instrument :
MSVOA_Y
ClientSampleId :

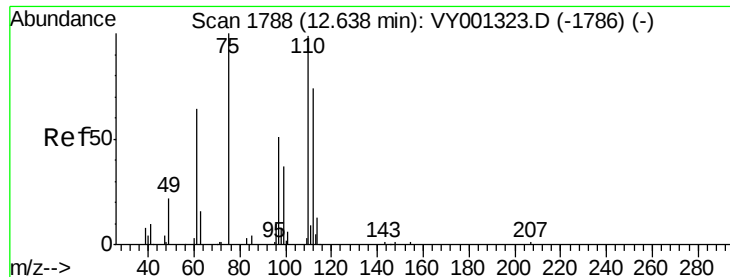
Tot Ion:117 Resp: 282751
Ion Ratio Lower Upper
117 100
82 57.2 45.5 68.3
119 32.7 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. -0.03 min
Lab File: VY001332.D
Acq: 22 Jan 2020 15:45

Tgt Ion:152 Resp: 131526
Ion Ratio Lower Upper
152 100
115 60.0 30.9 92.8
150 157.4 0.0 349.2





#76

1,2,3-Trichloropropane

Concen: 42.885 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.17 min

Lab File: VY001332.D

Acq: 22 Jan 2020 15:45

Instrument :

MSVOA_Y

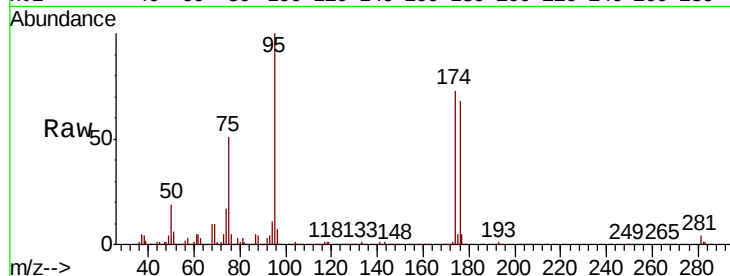
ClientSampleId :

Tot Ion: 75 Resp: 67968

Ion Ratio Lower Upper

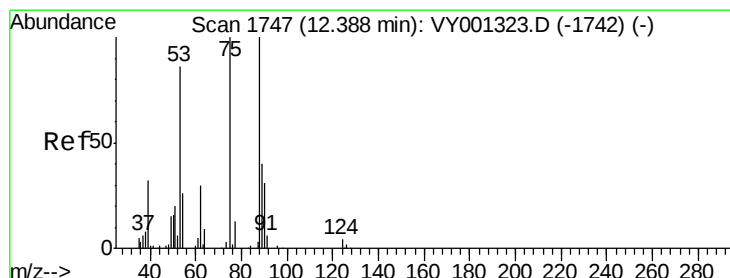
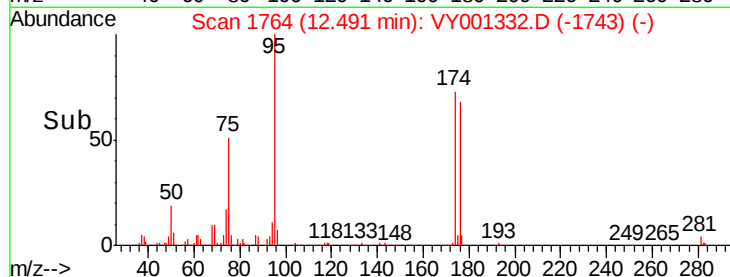
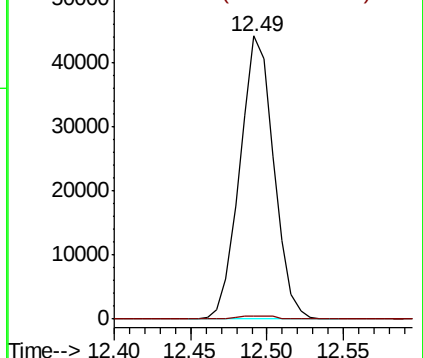
75 100

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: 81.155 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.09 min

Lab File: VY001332.D

Acq: 22 Jan 2020 15:45

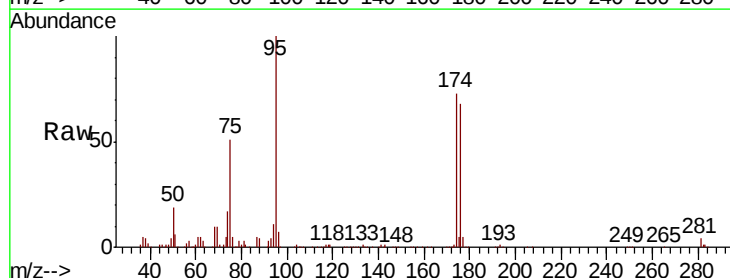
Tgt Ion: 75 Resp: 67968

Ion Ratio Lower Upper

75 100

53 0.0 69.9 104.9#

89 0.1 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

