

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012420\
 Data File : VY001387.D
 Acq On : 24 Jan 2020 17:02
 Operator : SY/MD
 Sample : L1247-33
 Misc : 6.98G/5ML/MSVOA Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 25 03:51:44 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

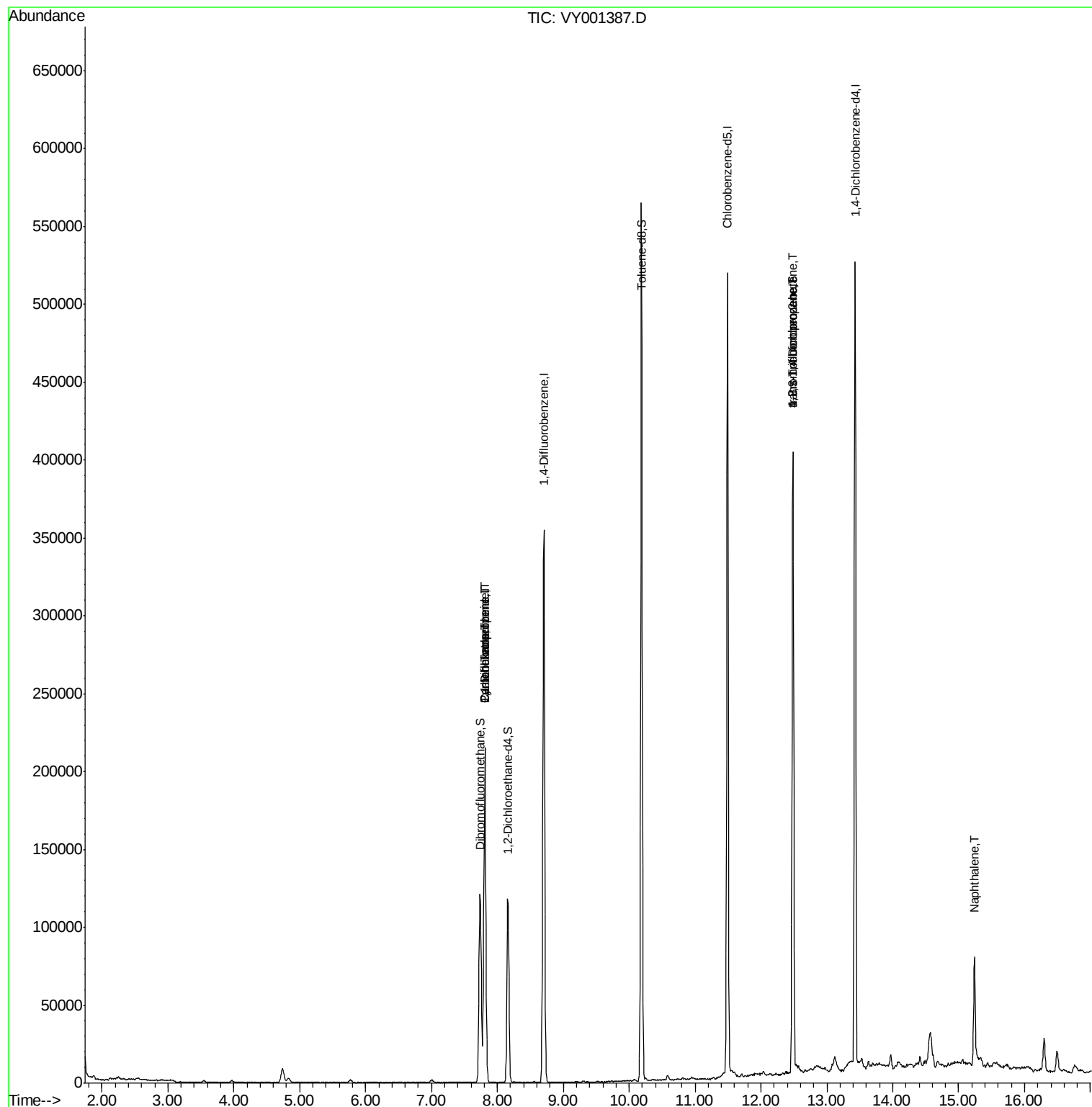
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	163915	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.71	114	302365	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	276157	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	126512	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	87729	49.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.38%	
35) Dibromofluoromethane	7.74	113	87217	49.15	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	98.30%	
50) Toluene-d8	10.19	98	360420	52.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.54%	
62) 4-Bromofluorobenzene	12.49	95	130234	47.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.86%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.00	59	129	Below Cal	#	74
13) Acrolein	3.68	56	22	Below Cal	#	15
16) Acetone	3.97	43	2702	Below Cal	#	86
20) Methylene Chloride	4.74	84	6614	Below Cal		89
31) Cyclohexane	7.80	56	3919	1.136	ug/l #	1
36) 1,1-Dichloropropene	7.81	75	13479	4.719	ug/l #	49
38) Carbon Tetrachloride	7.81	117	16451	6.462	ug/l #	16
76) 1,2,3-Trichloropropane	12.49	75	65743	43.125	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	65743	81.609	ug/l #	14
95) Naphthalene	15.24	128	53276	8.839	ug/l	98

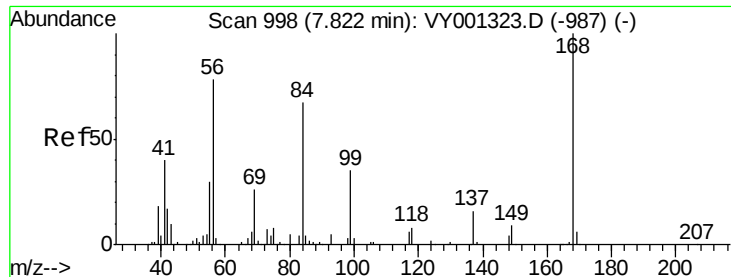
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
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QLast Update : Thu Jan 23 01:21:47 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY001387.D

Acq: 24 Jan 2020 17:02

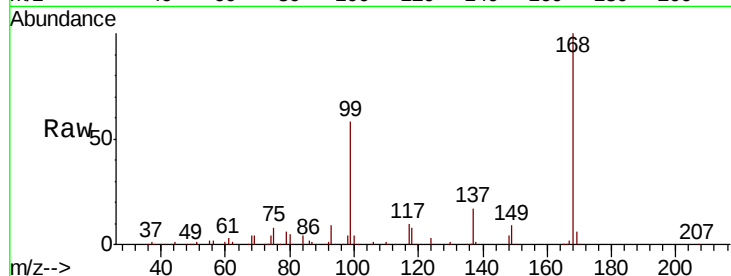
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 163915

Ion Ratio Lower Upper

168 100

99 57.6 44.3 66.5



Abundance Ion 167.90 (167.60 to 168.60): VY001387.D (-949) (-)

Ion 98.90 (98.60 to 99.60): VY001387.D (-949) (-)

7.81

80000

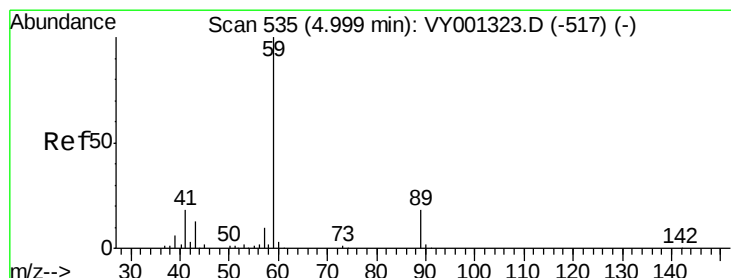
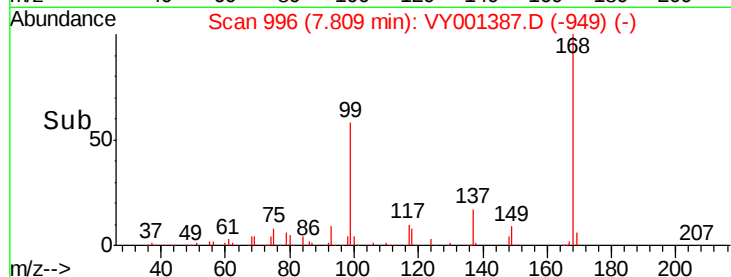
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.00 min Scan# 536

Delta R.T. 0.01 min

Lab File: VY001387.D

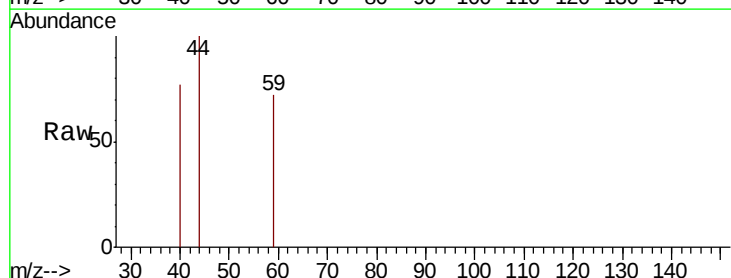
Acq: 24 Jan 2020 17:02

Tgt Ion: 59 Resp: 129

Ion Ratio Lower Upper

59 100

57 0.0 7.4 11.2#



Abundance Ion 59.00 (58.70 to 59.70): VY001387.D (-486) (-)

Ion 57.00 (56.70 to 57.70): VY001387.D (-486) (-)

250

200

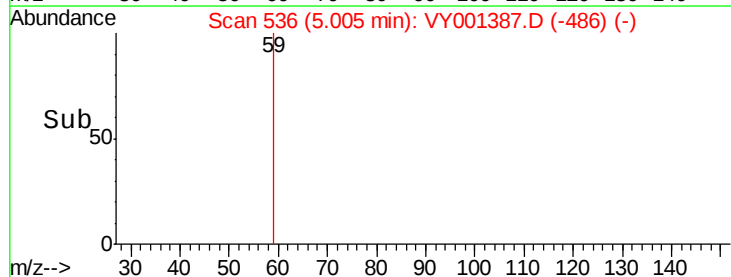
150

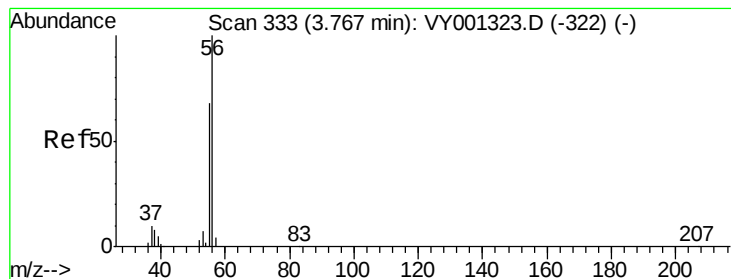
100

50

0

Time-->





#13

Acrolein

Concen: Below Cal

RT: 3.68 min Scan# 319

Delta R.T. -0.09 min

Lab File: VY001387.D

Acq: 24 Jan 2020 17:02

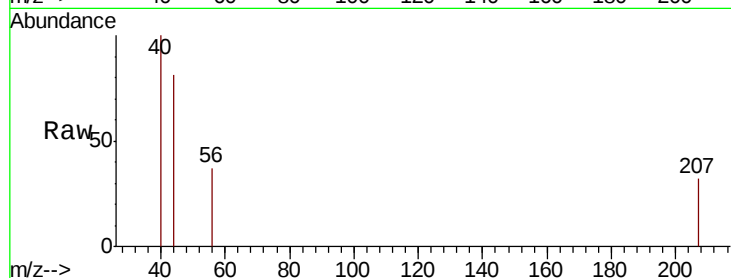
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 22

Ion Ratio Lower Upper

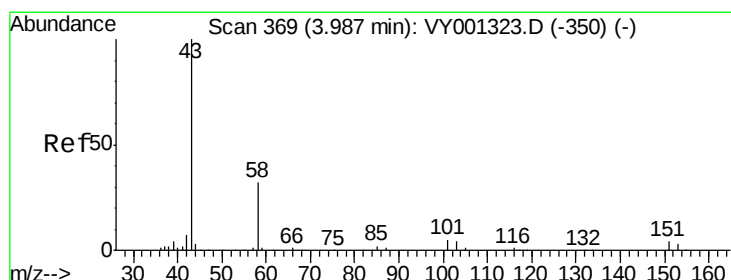
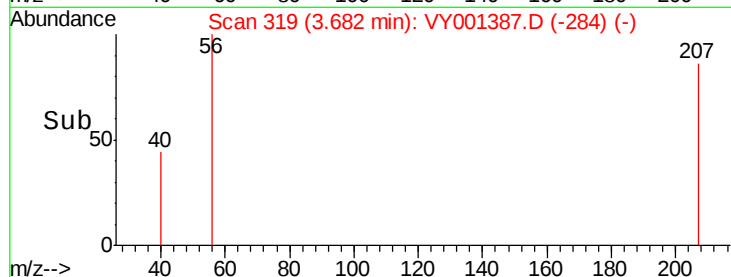
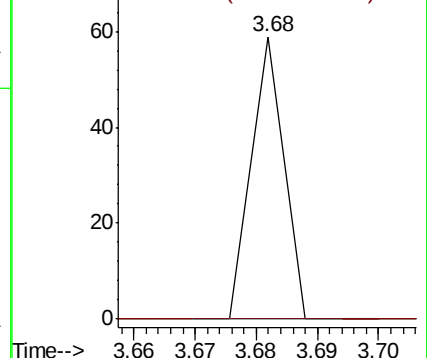
56 100

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: Below Cal

RT: 3.97 min Scan# 367

Delta R.T. -0.01 min

Lab File: VY001387.D

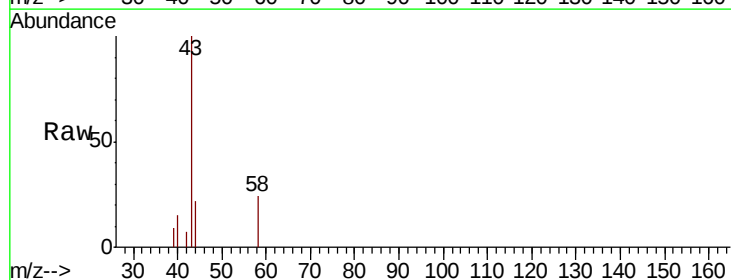
Acq: 24 Jan 2020 17:02

Tgt Ion: 43 Resp: 2702

Ion Ratio Lower Upper

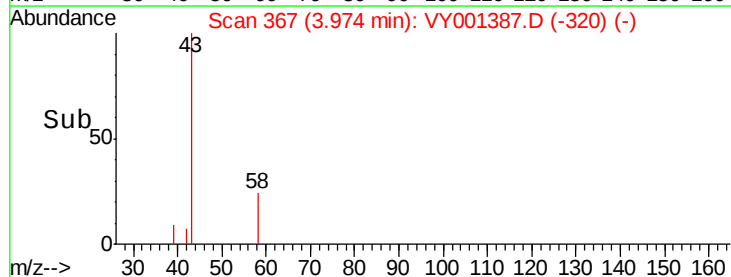
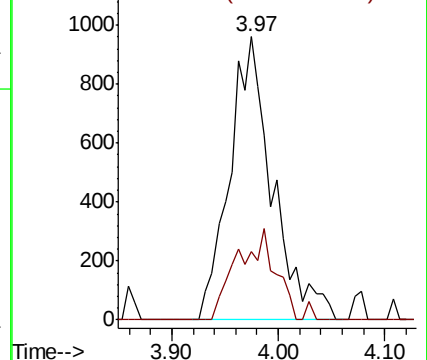
43 100

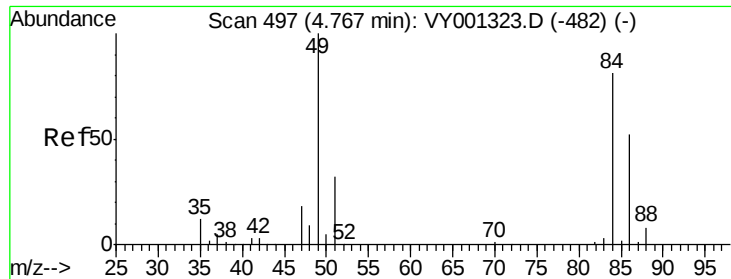
58 23.9 25.4 38.0#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

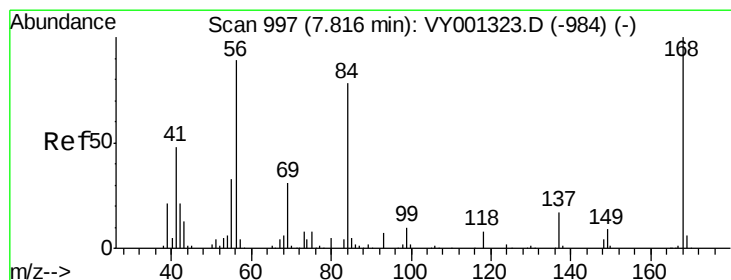
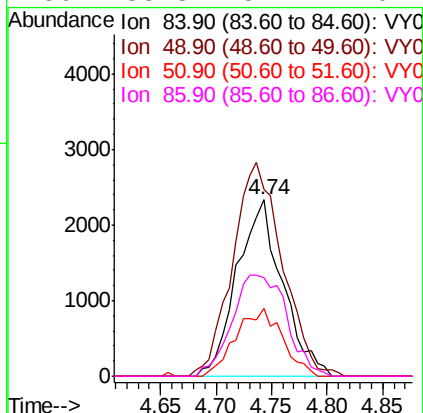
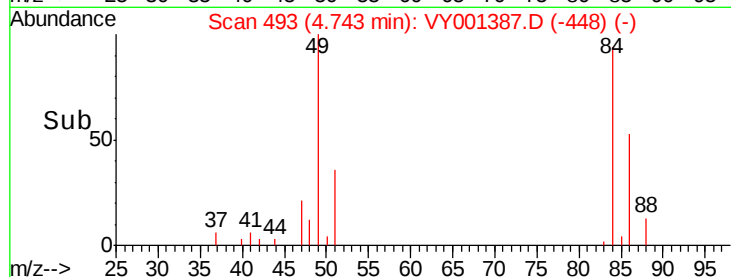
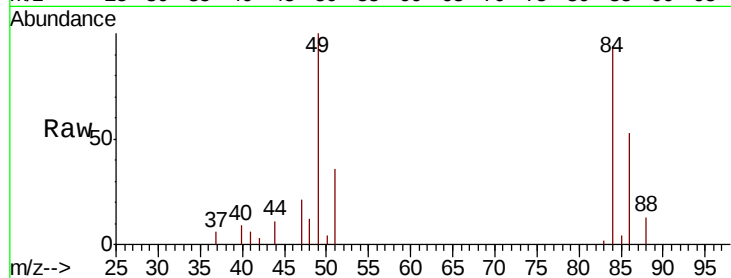




#20
Methylene Chloride
Concen: Below Cal
RT: 4.74 min Scan# 493
Delta R.T. -0.02 min
Lab File: VY001387.D
Acq: 24 Jan 2020 17:02

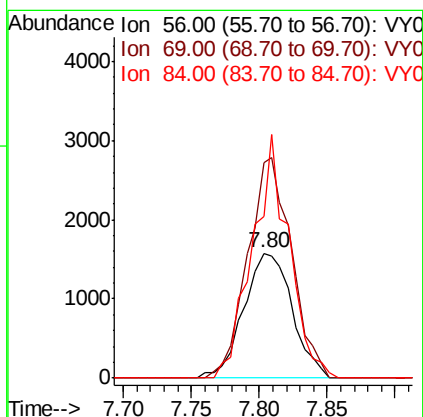
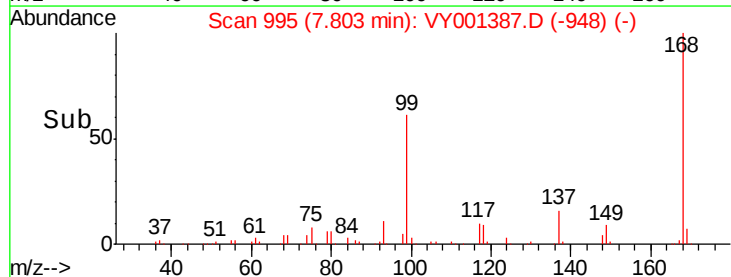
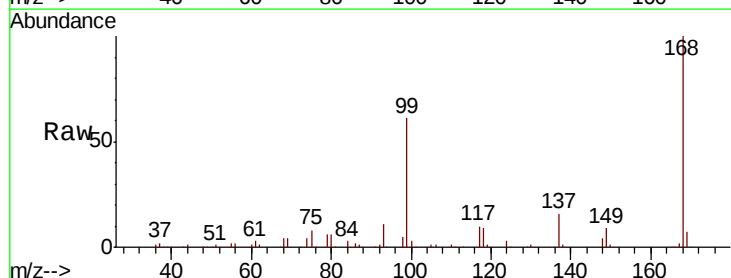
Instrument :
MSVOA_Y
ClientSampleId :

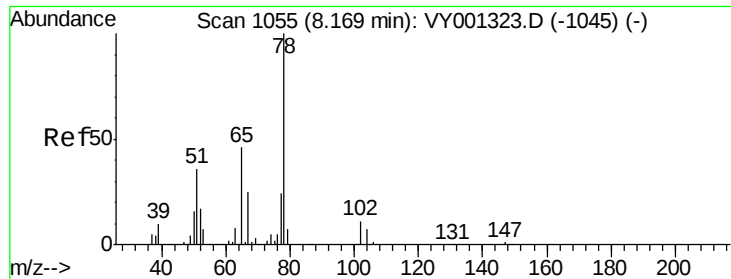
Tot Ion: 84 Resp: 6614
Ion Ratio Lower Upper
84 100
49 105.9 98.3 147.5
51 38.3 31.6 47.4
86 55.8 51.1 76.7



#31
Cyclohexane
Concen: 1.136 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.01 min
Lab File: VY001387.D
Acq: 24 Jan 2020 17:02

Tgt Ion: 56 Resp: 3919
Ion Ratio Lower Upper
56 100
69 172.1 27.6 41.4#
84 129.4 69.7 104.5#

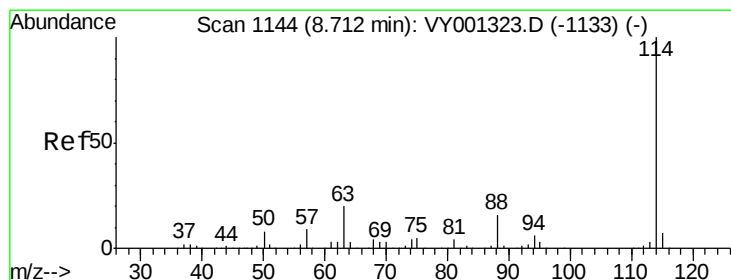
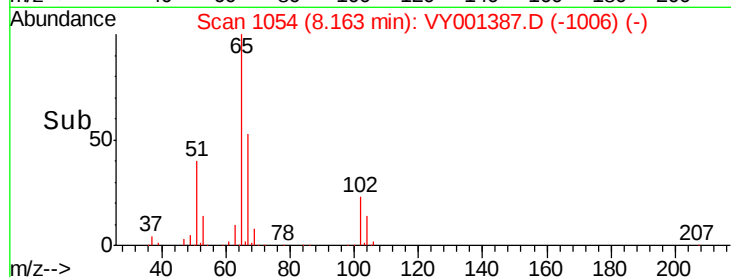
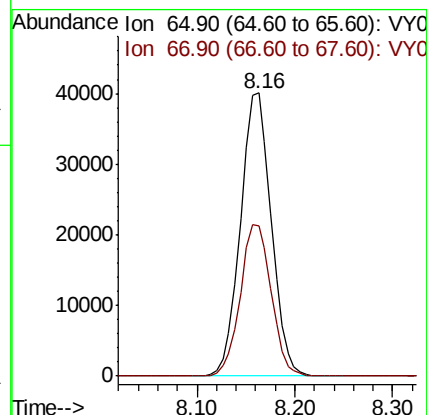
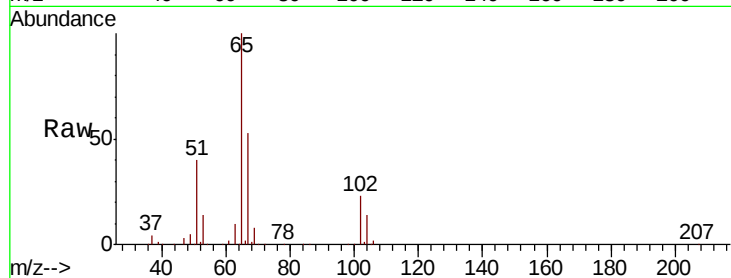




#33
 1,2-Dichloroethane-d4
 Concen: 49.186 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. -0.01 min
 Lab File: VY001387.D
 Acq: 24 Jan 2020 17:02

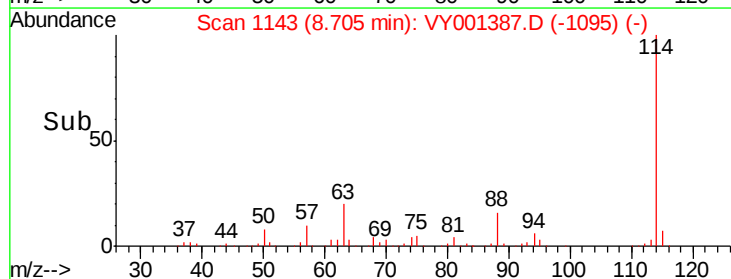
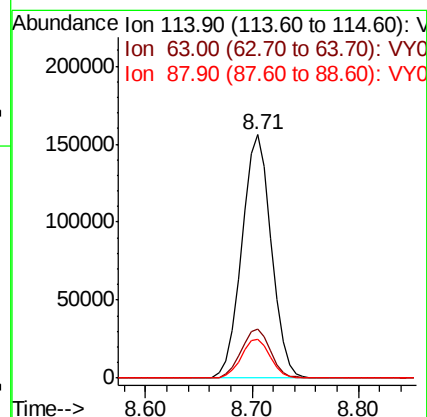
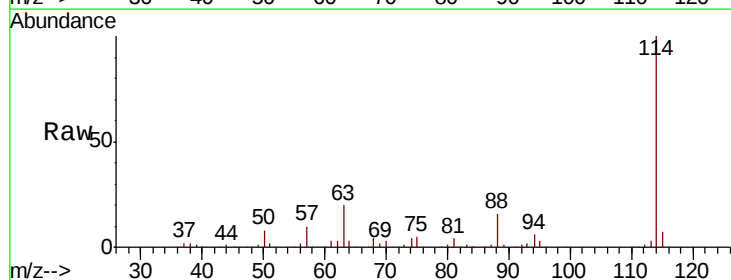
Instrument :
 MSVOA_Y
 ClientSampleId :

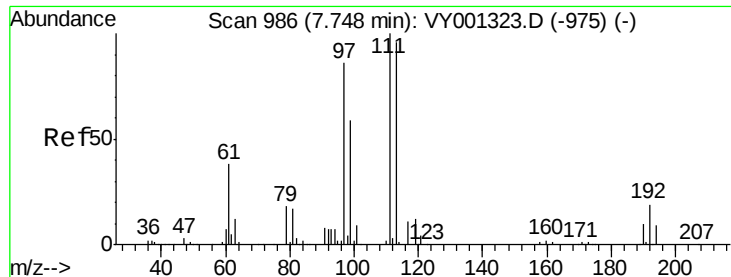
Tot Ion: 65 Resp: 87729
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: VY001387.D
 Acq: 24 Jan 2020 17:02

Tgt Ion: 114 Resp: 302365
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 40.8
 88 15.8 0.0 31.0

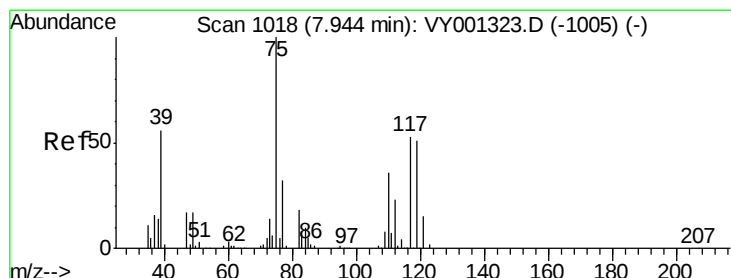
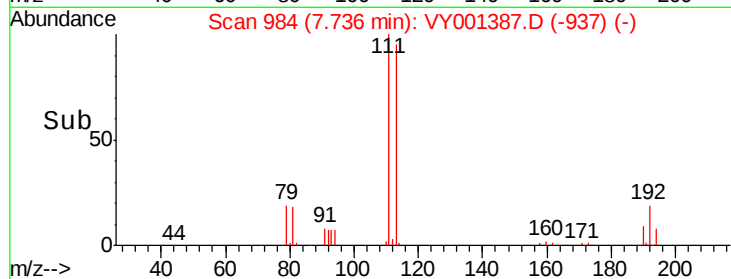
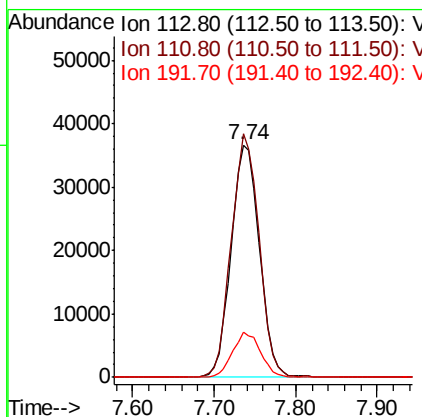
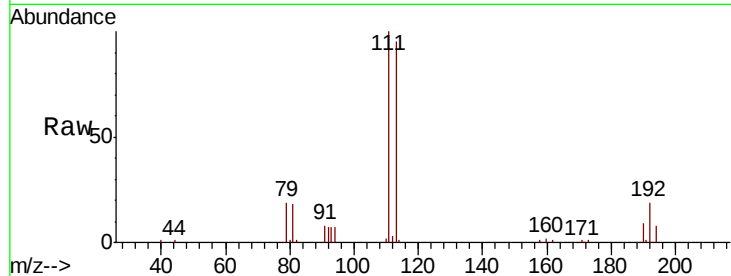




#35
 Dibromofluoromethane
 Concen: 49.147 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: VY001387.D
 Acq: 24 Jan 2020 17:02

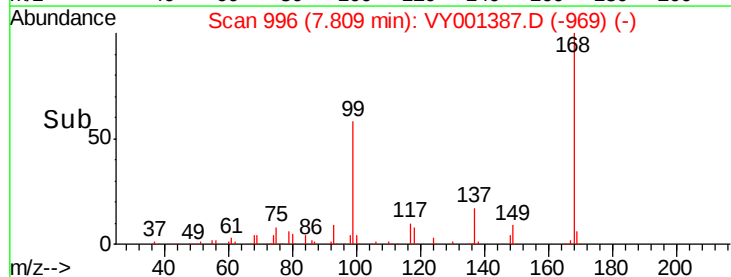
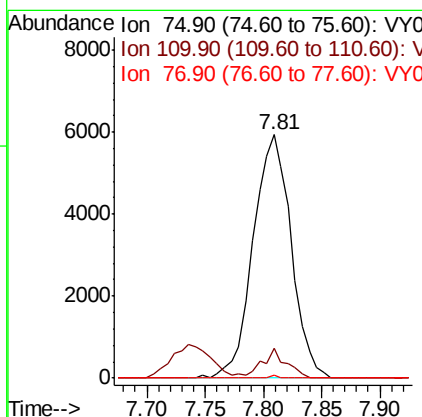
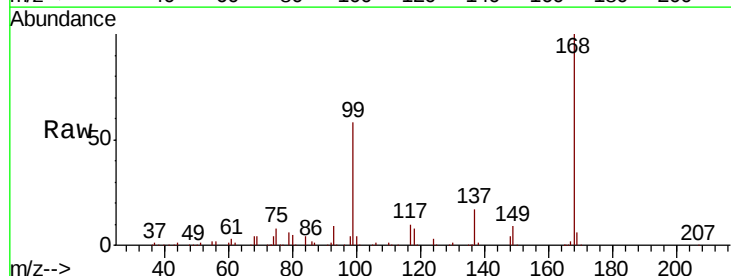
Instrument :
 MSVOA_Y
 ClientSampleId :

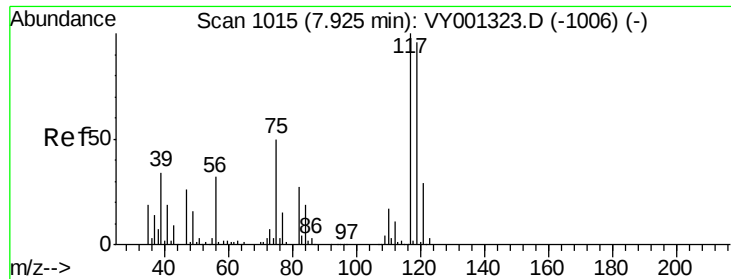
Tot Ion:113 Resp: 87217
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.8 124.2
 192 19.3 15.5 23.3



#36
 1,1-Dichloropropene
 Concen: 4.719 ug/l
 RT: 7.81 min Scan# 996
 Delta R.T. -0.13 min
 Lab File: VY001387.D
 Acq: 24 Jan 2020 17:02

Tgt Ion: 75 Resp: 13479
 Ion Ratio Lower Upper
 75 100
 110 7.5 17.6 52.8#
 77 0.2 24.7 37.1#

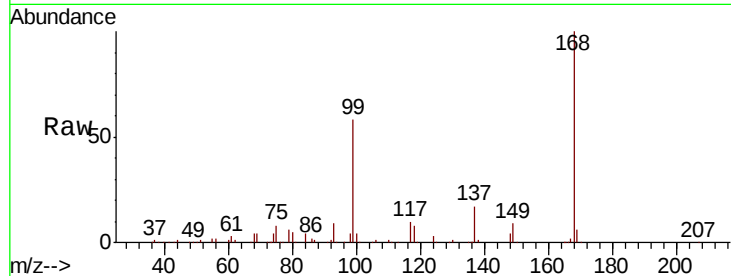




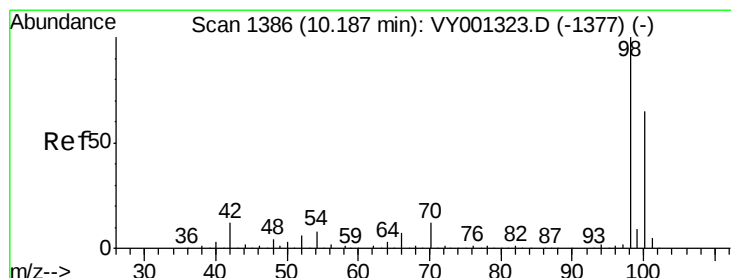
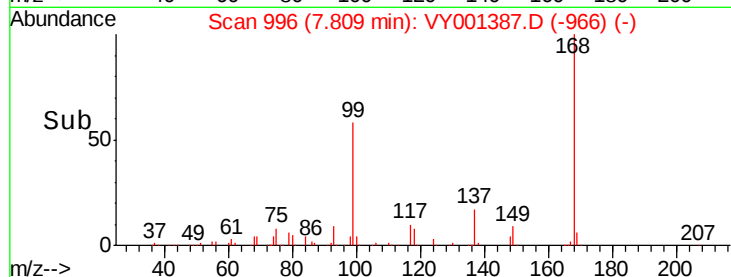
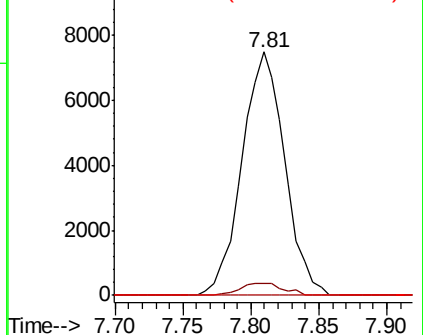
#38
Carbon Tetrachloride
Concen: 6.462 ug/l
RT: 7.81 min Scan# 996
Delta R.T. -0.12 min
Lab File: VY001387.D
Acq: 24 Jan 2020 17:02

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 16451
Ion Ratio Lower Upper
117 100
119 4.8 76.3 114.5#
121 0.0 23.5 35.3#

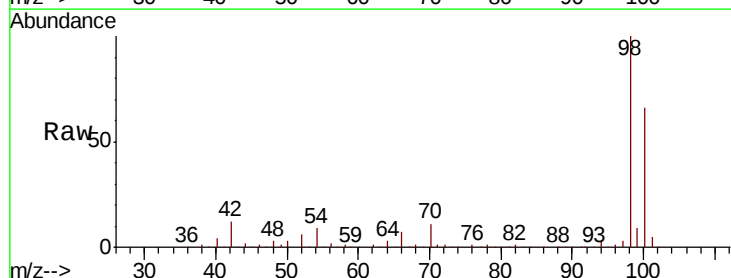


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

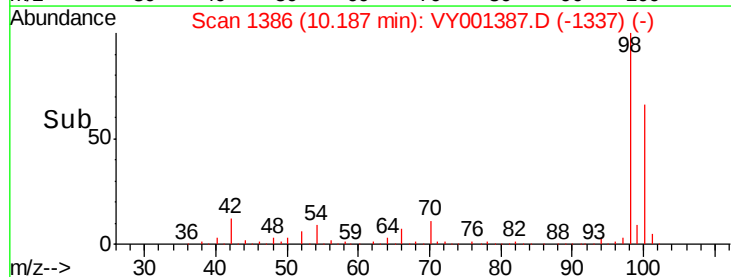
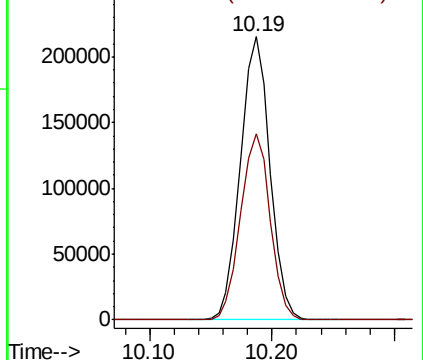


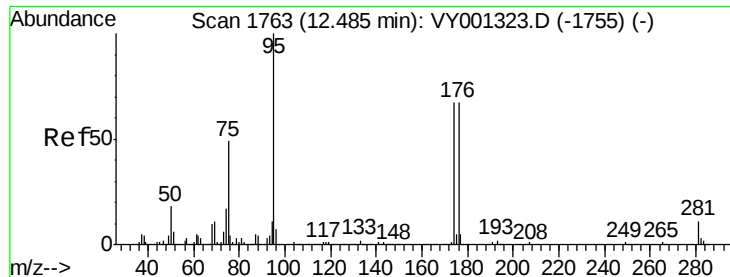
#50
Toluene-d8
Concen: 52.275 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.00 min
Lab File: VY001387.D
Acq: 24 Jan 2020 17:02

Tgt Ion: 98 Resp: 360420
Ion Ratio Lower Upper
98 100
100 66.0 52.6 79.0



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

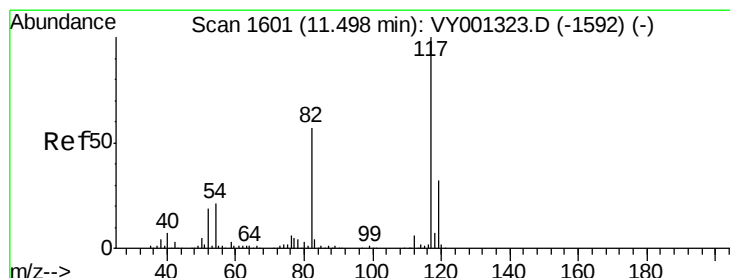
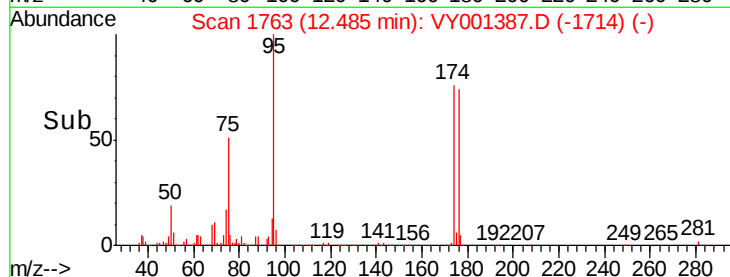
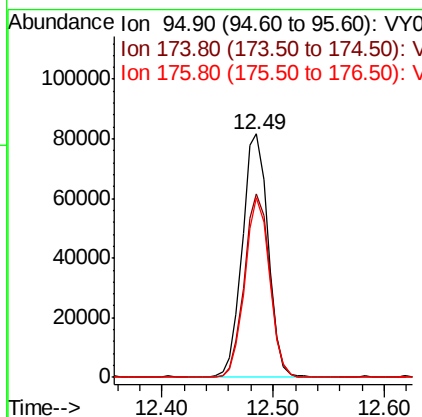
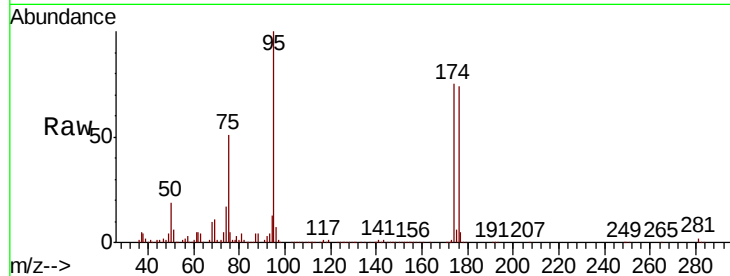




#62
4-Bromofluorobenzene
Concen: 47.432 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.00 min
Lab File: VY001387.D
Acq: 24 Jan 2020 17:02

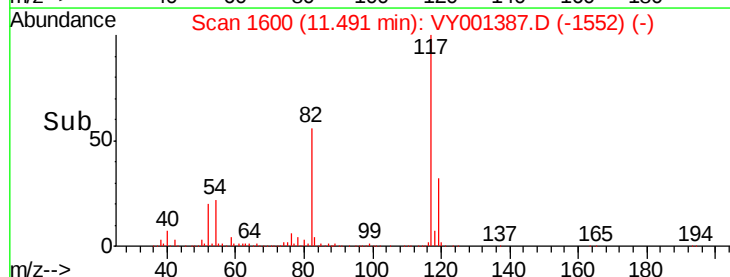
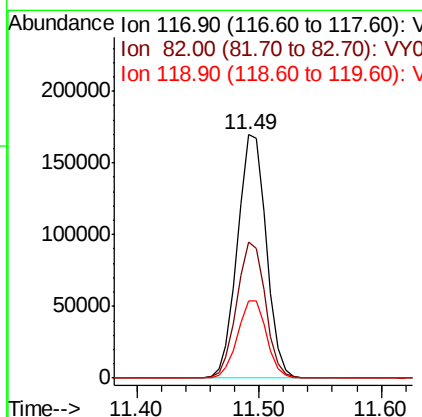
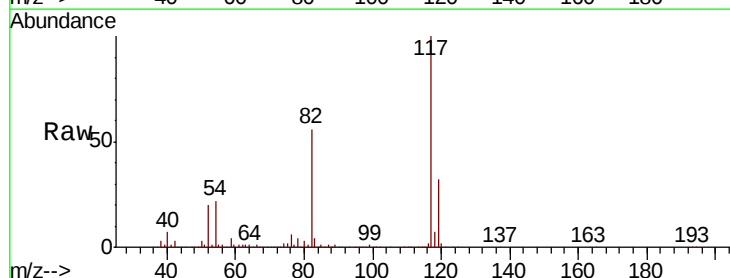
Instrument :
MSVOA_Y
ClientSampleId :

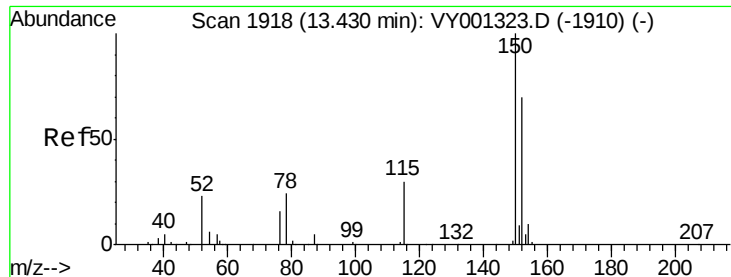
Tot Ion	95	Resp	130234
Ion Ratio	Lower	Upper	
95	100		
174	75.1	0.0	142.0
176	71.4	0.0	138.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY001387.D
Acq: 24 Jan 2020 17:02

Tgt Ion	117	Resp	276157
Ion Ratio	Lower	Upper	
117	100		
82	56.0	45.5	68.3
119	31.9	25.8	38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. -0.00 min

Lab File: VY001387.D

Acq: 24 Jan 2020 17:02

Instrument :

MSVOA_Y

ClientSampleId :

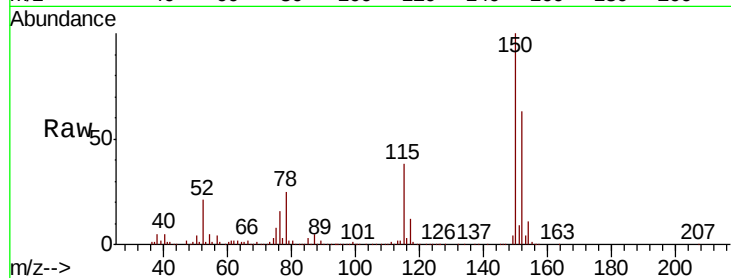
Tot Ion:152 Resp: 126512

Ion Ratio Lower Upper

152 100

115 61.7 30.9 92.8

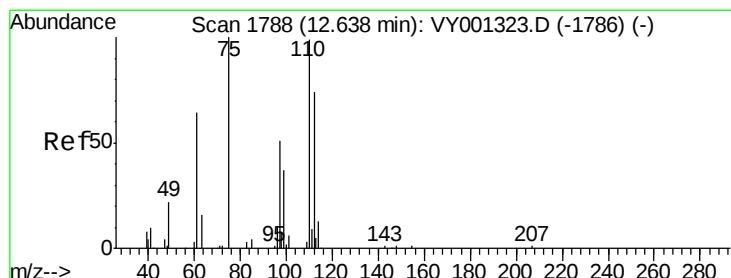
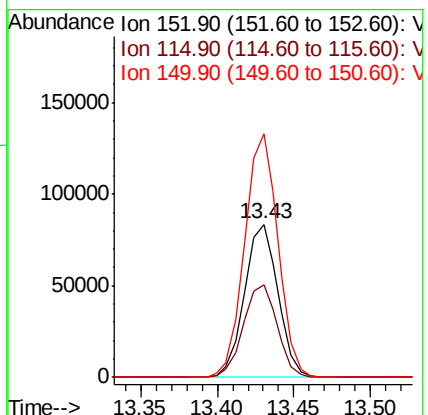
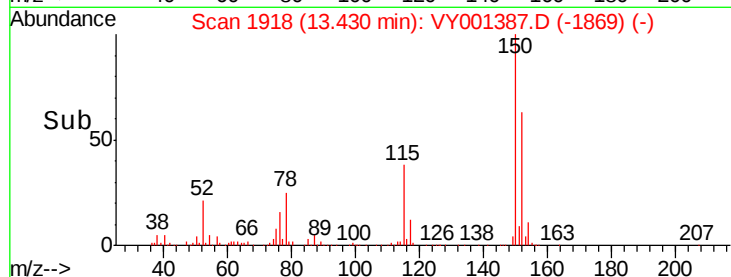
150 158.9 0.0 349.2



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: 43.125 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.15 min

Lab File: VY001387.D

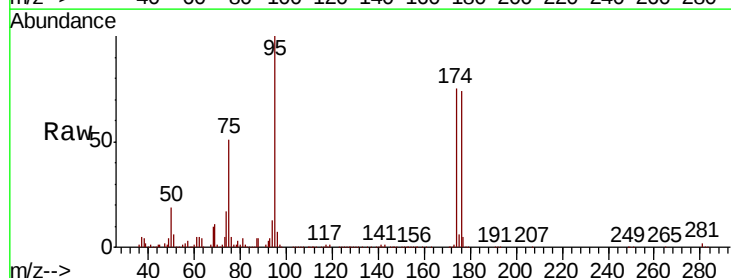
Acq: 24 Jan 2020 17:02

Tgt Ion: 75 Resp: 65743

Ion Ratio Lower Upper

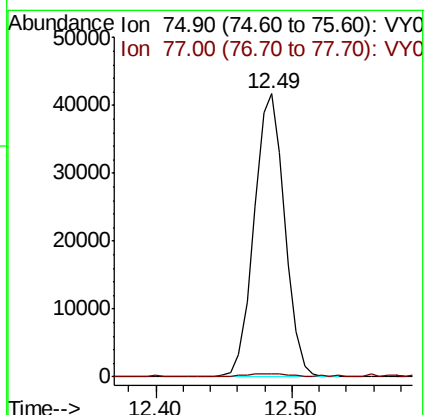
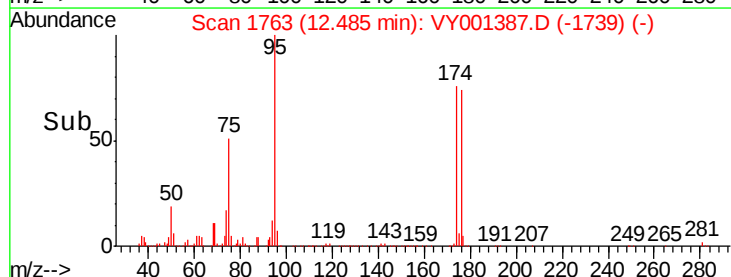
75 100

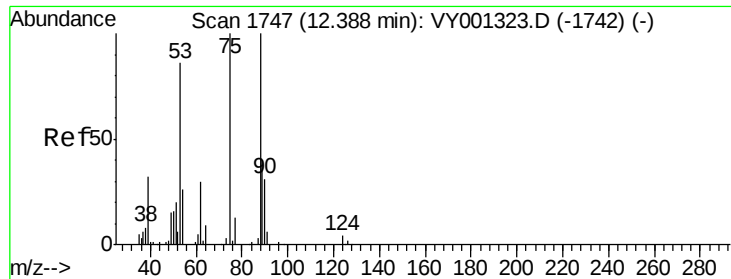
77 1.8 0.0 0.0#



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: 81.609 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.10 min

Lab File: VY001387.D

Acq: 24 Jan 2020 17:02

Instrument :

MSVOA_Y

ClientSampleId :

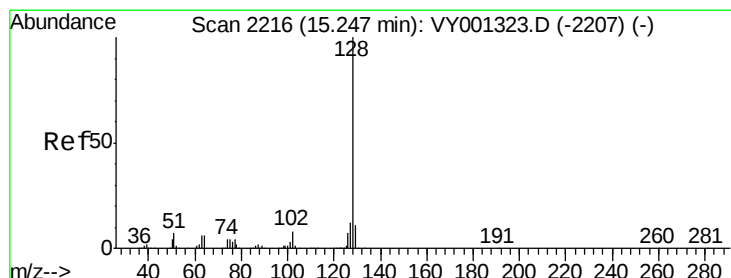
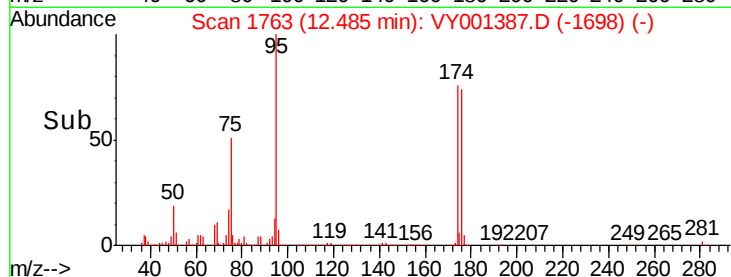
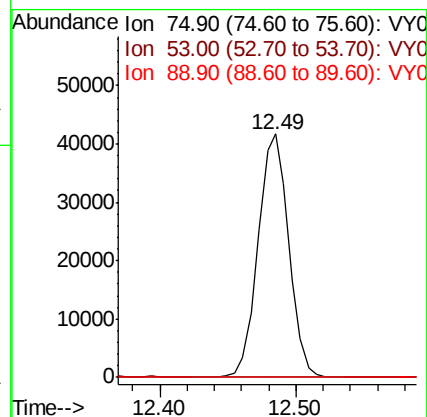
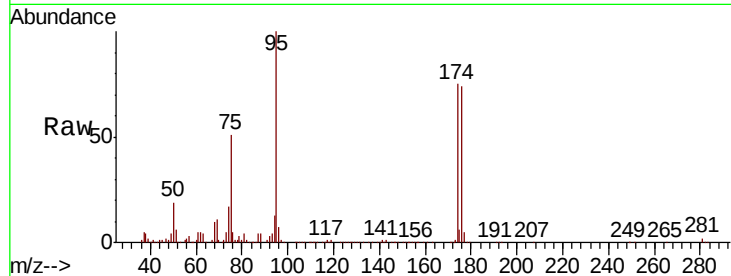
Tot Ion: 75 Resp: 65743

Ion Ratio Lower Upper

75 100

53 0.2 69.9 104.9#

89 0.0 36.6 54.8#



#95

Naphthalene

Concen: 8.839 ug/l

RT: 15.24 min Scan# 2215

Delta R.T. -0.01 min

Lab File: VY001387.D

Acq: 24 Jan 2020 17:02

Tgt Ion: 128 Resp: 53276

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.2

129 11.6 8.7 13.1

