

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012220\
 Data File : VY001336.D
 Acq On : 22 Jan 2020 17:14
 Operator : SY/MD
 Sample : L1004-13
 Misc : 4.54G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 23 01:15:29 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	7.82	168	168207	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.72	114	308829	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	277967	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.44	152	125211	50.00	ug/l	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.18	65	93568	51.12	ug/l	0.00
Spiked Amount			Recovery	=	102.24%	
35) Dibromofluoromethane	7.75	113	91599	50.54	ug/l	0.00
Spiked Amount			Recovery	=	101.08%	
50) Toluene-d8	10.19	98	365002	51.83	ug/l	-0.01
Spiked Amount			Recovery	=	103.66%	
62) 4-Bromofluorobenzene	12.49	95	131118	46.75	ug/l	-0.02
Spiked Amount			Recovery	=	93.50%	

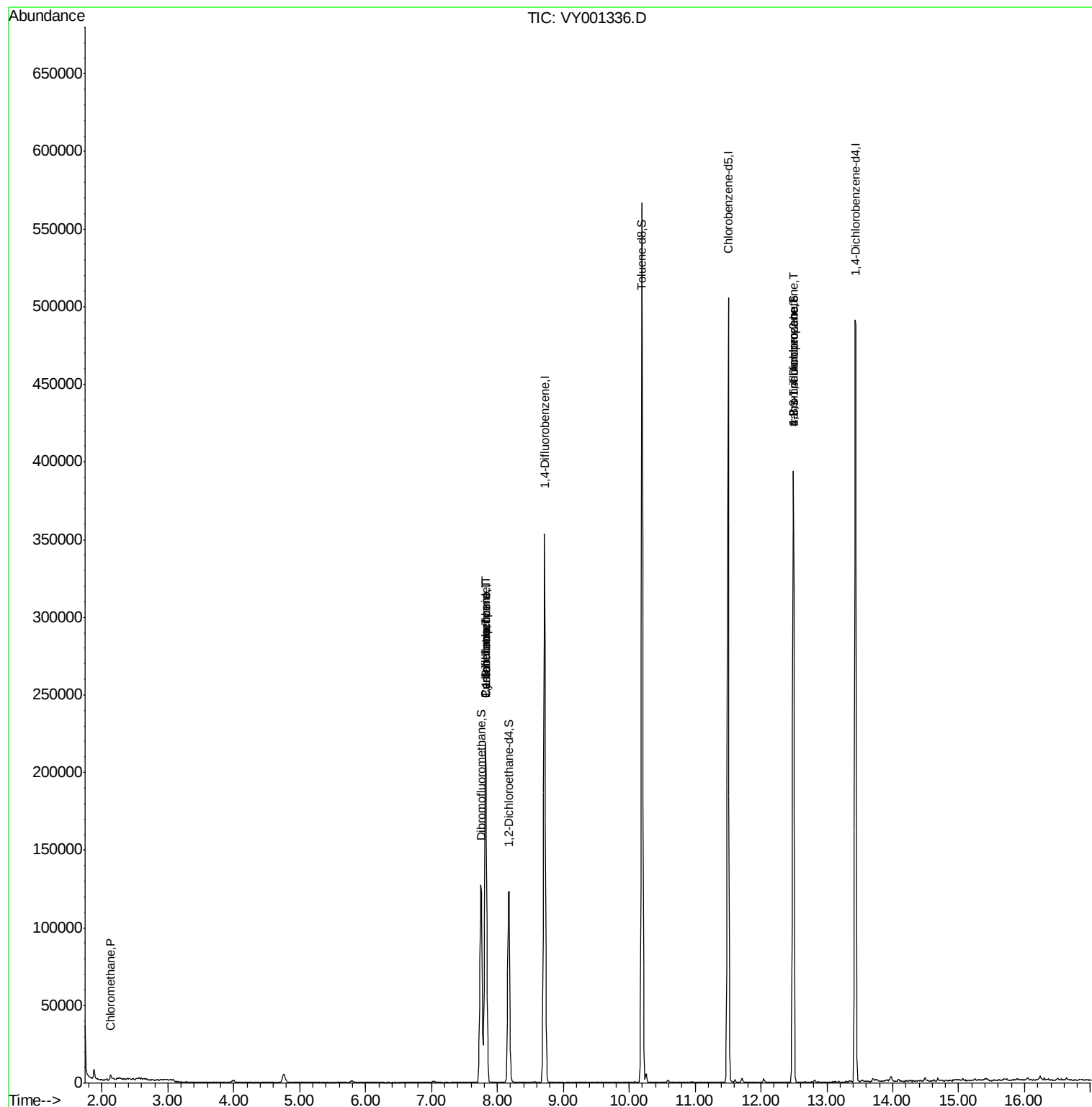
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.13	50	2845	1.419	ug/l	95
11) Tert butyl alcohol	5.00	59	59	Below Cal	#	74
13) Acrolein	3.76	56	40	Below Cal	#	76
16) Acetone	3.99	43	2904	Below Cal		92
20) Methylene Chloride	4.75	84	4168	Below Cal	#	93
31) Cyclohexane	7.82	56	3749	1.059	ug/l #	6
36) 1,1-Dichloropropene	7.82	75	13517	4.633	ug/l #	49
38) Carbon Tetrachloride	7.82	117	16187	6.225	ug/l #	17
76) 1,2,3-Trichloropropane	12.49	75	65197	43.211	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	65197	81.772	ug/l #	14

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

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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: 7.82 min Scan# 998

Delta R.T. 0.00 min

Lab File: VY001336.D

Acq: 22 Jan 2020 17:14

Instrument :

MSVOA_Y

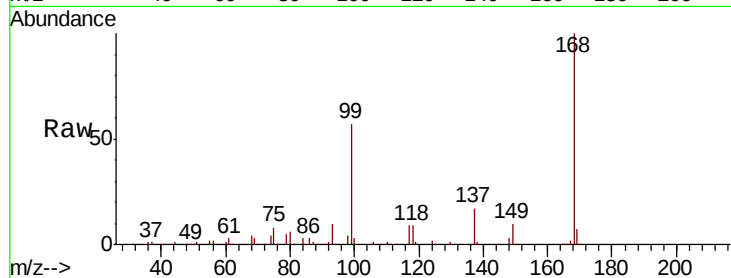
ClientSampleId :

Tot Ion:168 Resp: 168207

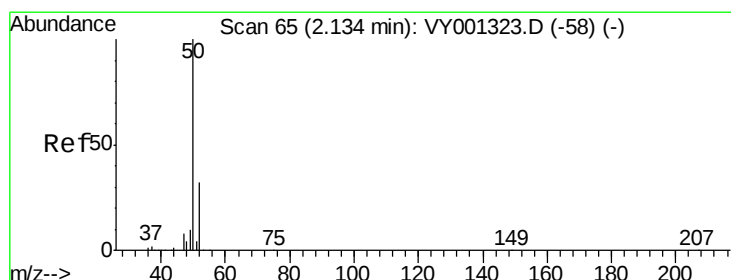
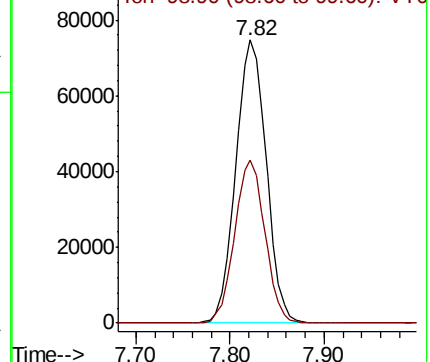
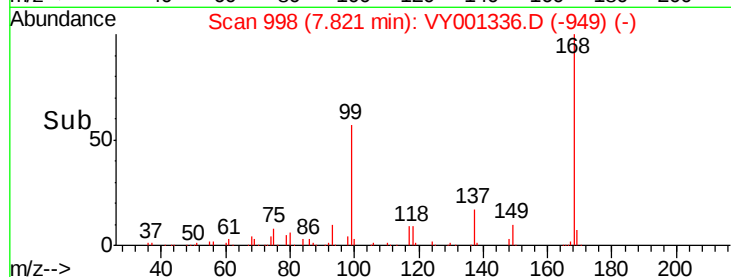
Ion Ratio Lower Upper

168 100

99 57.4 44.3 66.5



Abundance Ion 167.90 (167.60 to 168.60): VY001336.D (-949) (-)



#3

Chloromethane

Concen: 1.419 ug/l

RT: 2.13 min Scan# 64

Delta R.T. -0.01 min

Lab File: VY001336.D

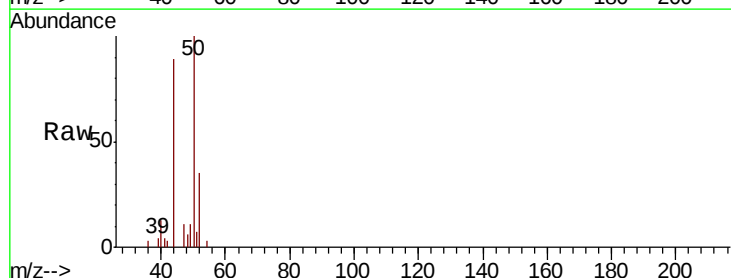
Acq: 22 Jan 2020 17:14

Tgt Ion: 50 Resp: 2845

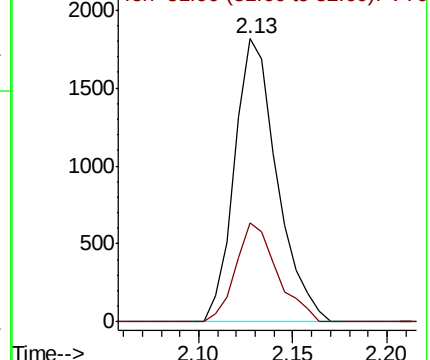
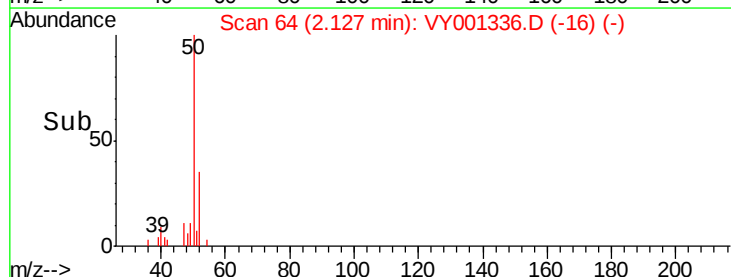
Ion Ratio Lower Upper

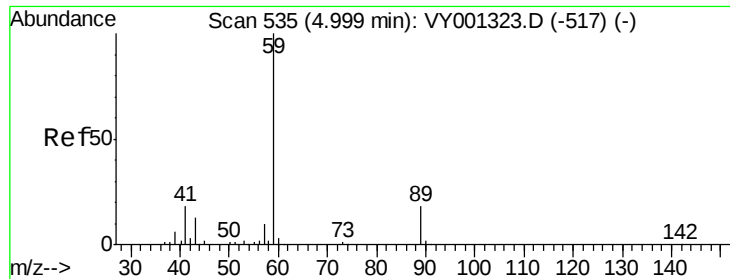
50 100

52 35.1 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VY001336.D (-16) (-)

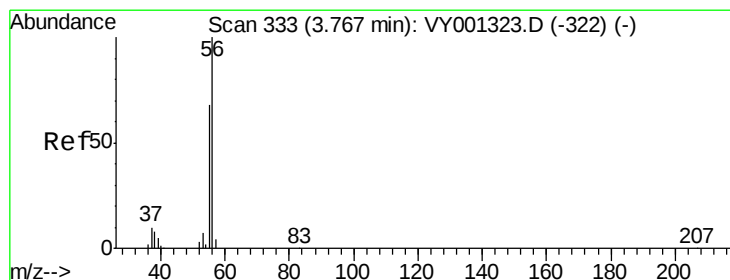
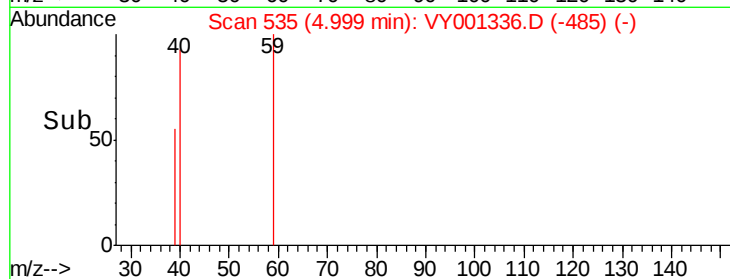
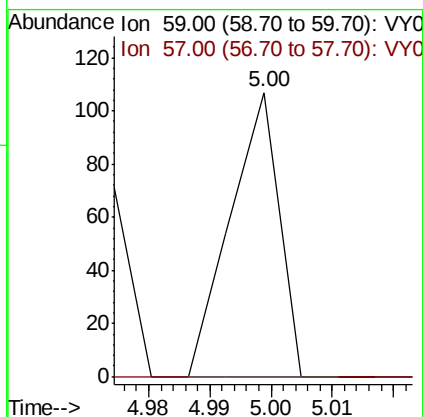
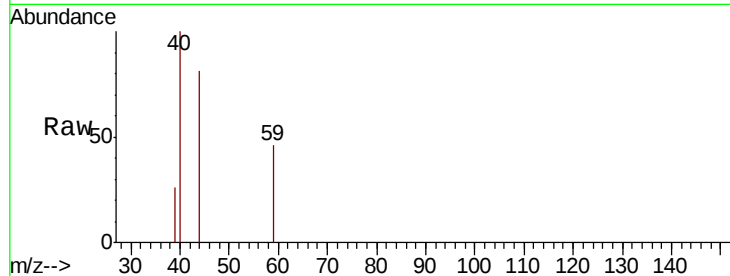




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.00 min Scan# 535
Delta R.T. 0.01 min
Lab File: VY001336.D
Acq: 22 Jan 2020 17:14

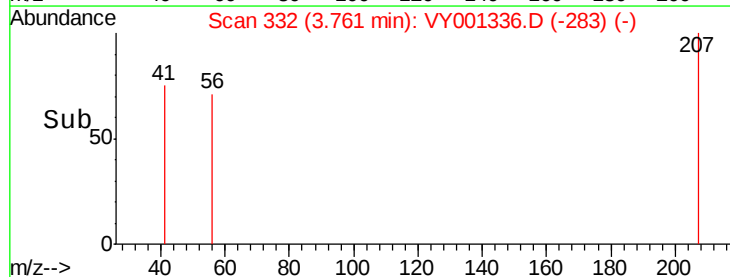
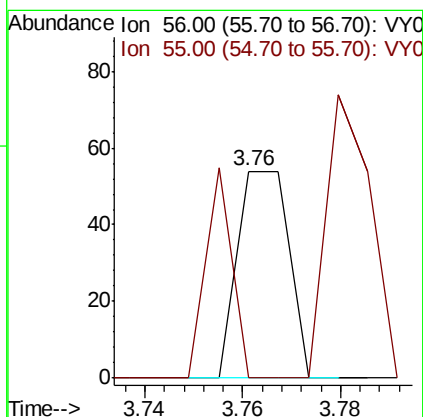
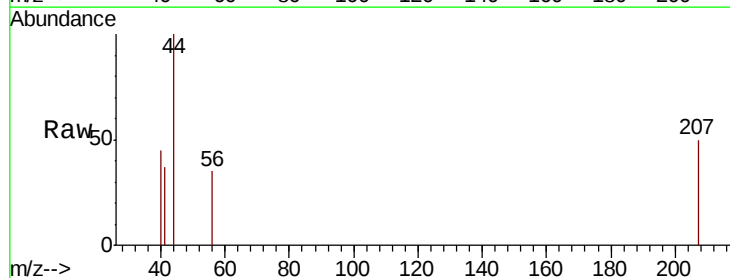
Instrument :
MSVOA_Y
ClientSampled :

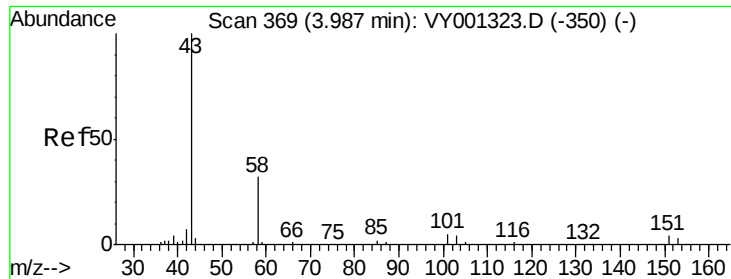
Tot Ion: 59 Resp: 59
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



#13
Acrolein
Concen: Below Cal
RT: 3.76 min Scan# 332
Delta R.T. 0.00 min
Lab File: VY001336.D
Acq: 22 Jan 2020 17:14

Tgt Ion: 56 Resp: 40
Ion Ratio Lower Upper
56 100
55 50.0 55.9 83.9#





#16

Acetone

Concen: Below Cal

RT: 3.99 min Scan# 370

Delta R.T. 0.01 min

Lab File: VY001336.D

Acq: 22 Jan 2020 17:14

Instrument :

MSVOA_Y

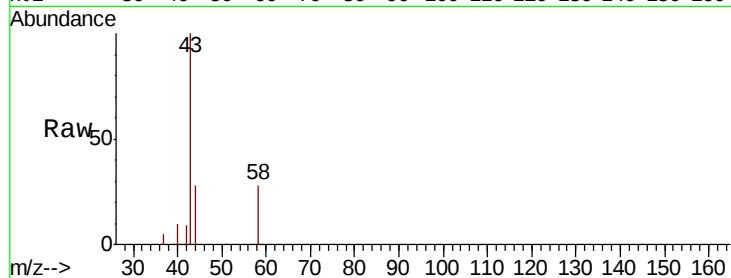
ClientSampleId :

Tot Ion: 43 Resp: 2904

Ion Ratio Lower Upper

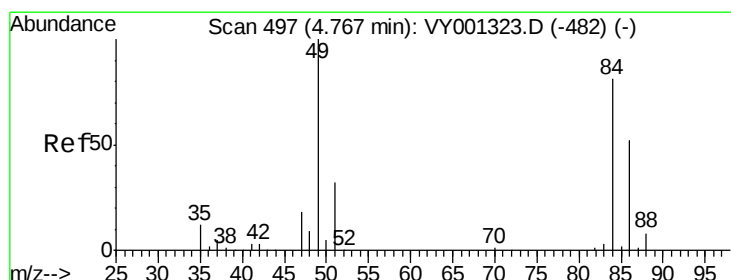
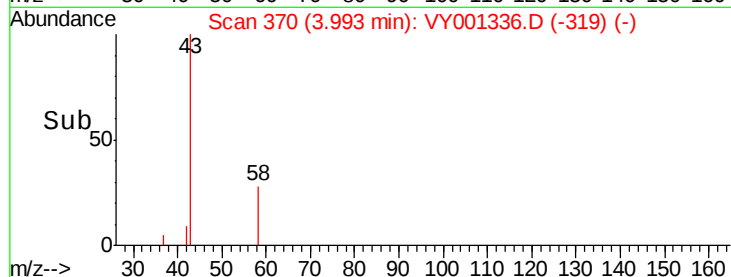
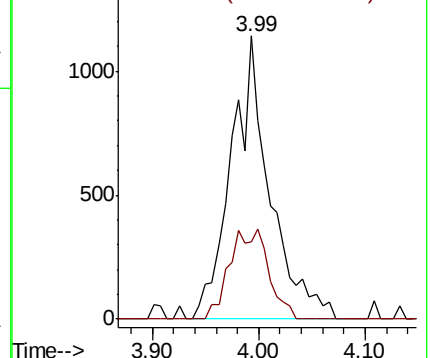
43 100

58 27.5 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# 495

Delta R.T. 0.00 min

Lab File: VY001336.D

Acq: 22 Jan 2020 17:14

Tgt Ion: 84 Resp: 4168

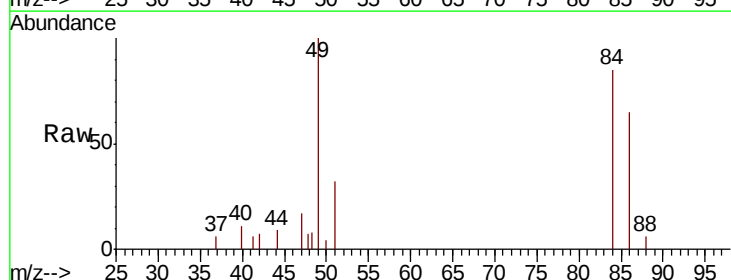
Ion Ratio Lower Upper

84 100

49 118.1 98.3 147.5

51 38.2 31.6 47.4

86 77.2 51.1 76.7#

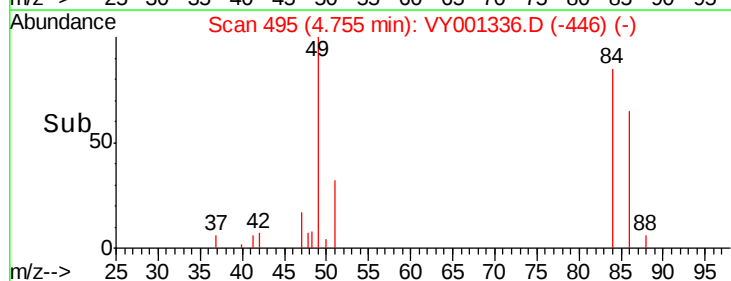
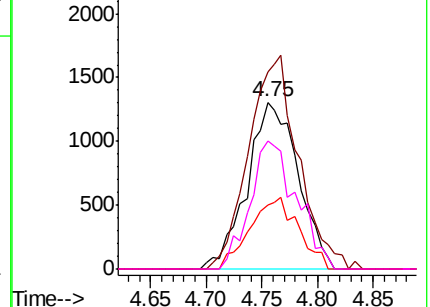


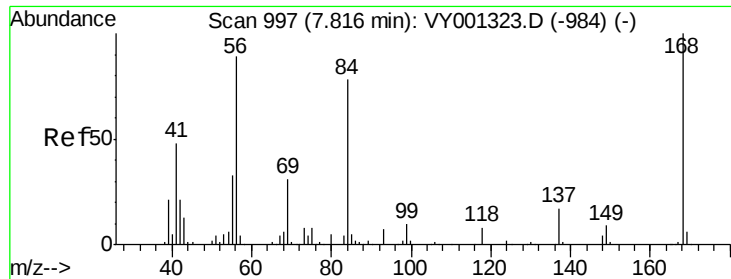
Abundance Ion 83.90 (83.60 to 84.60): VY0

Ion 48.90 (48.60 to 49.60): VY0

Ion 50.90 (50.60 to 51.60): VY0

Ion 85.90 (85.60 to 86.60): VY0

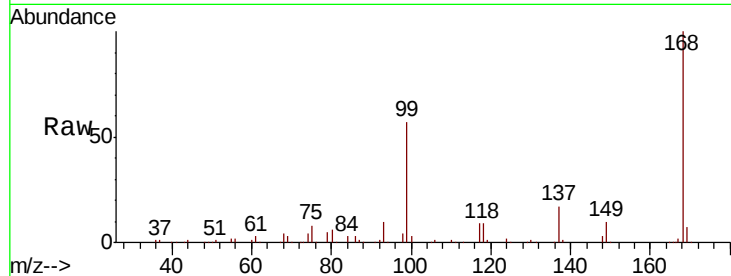




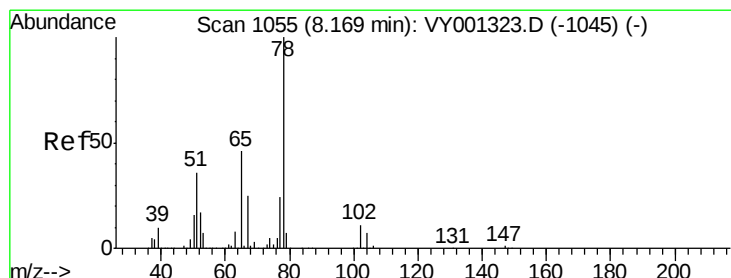
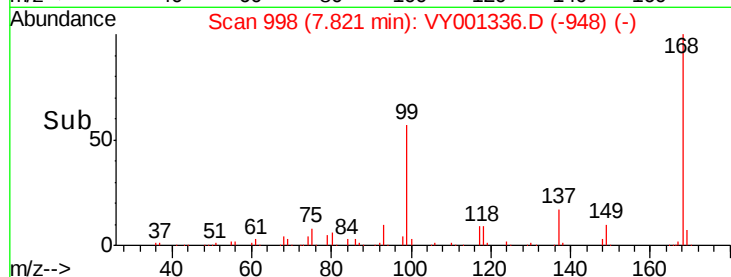
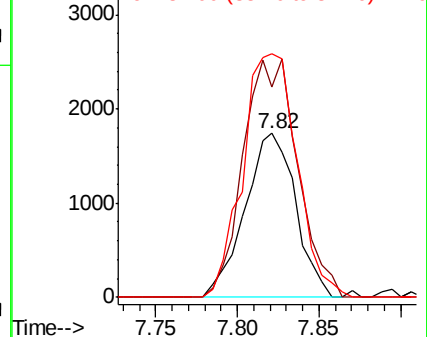
#31
Cyclohexane
Concen: 1.059 ug/l
RT: 7.82 min Scan# 998
Delta R.T. 0.01 min
Lab File: VY001336.D
Acq: 22 Jan 2020 17:14

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 3749
Ion Ratio Lower Upper
56 100
69 128.8 27.6 41.4#
84 148.6 69.7 104.5#

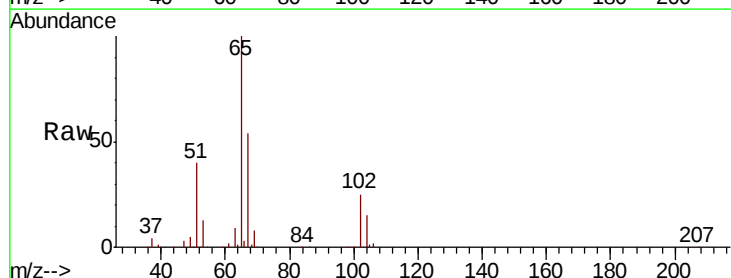


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

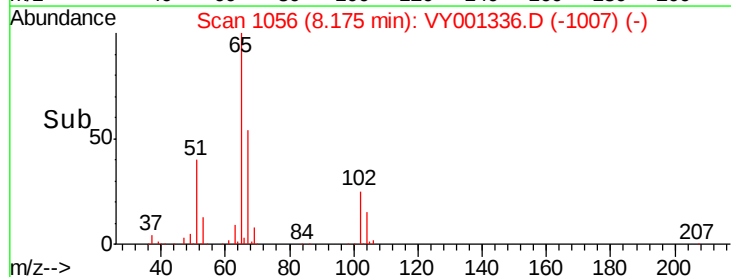
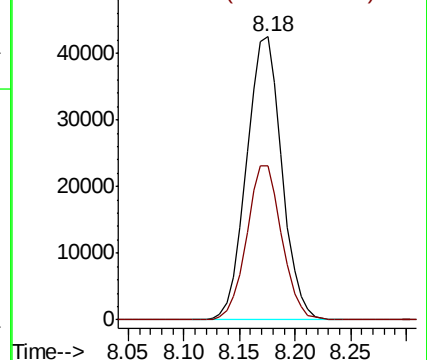


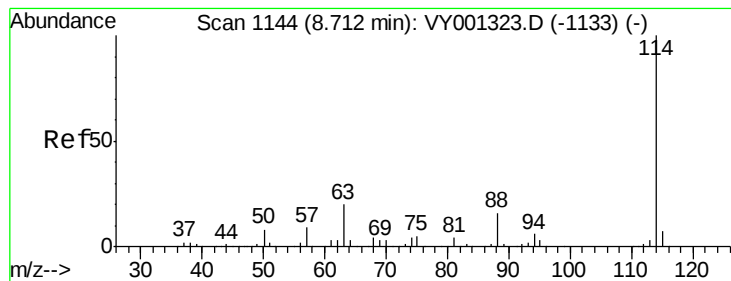
#33
1,2-Dichloroethane-d4
Concen: 51.121 ug/l
RT: 8.18 min Scan# 1056
Delta R.T. 0.00 min
Lab File: VY001336.D
Acq: 22 Jan 2020 17:14

Tgt Ion: 65 Resp: 93568
Ion Ratio Lower Upper
65 100
67 54.2 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: 8.72 min Scan# 1145

Delta R.T. 0.00 min

Lab File: VY001336.D

Acq: 22 Jan 2020 17:14

Instrument :

MSVOA_Y

ClientSampleId :

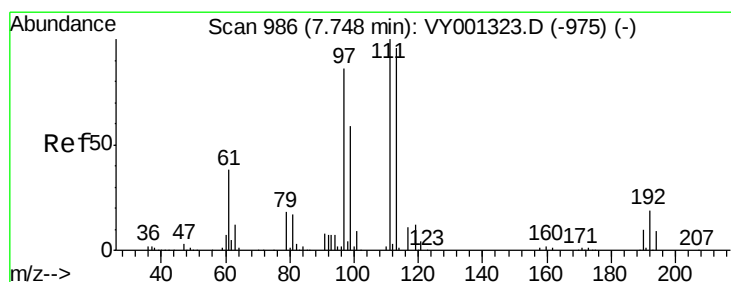
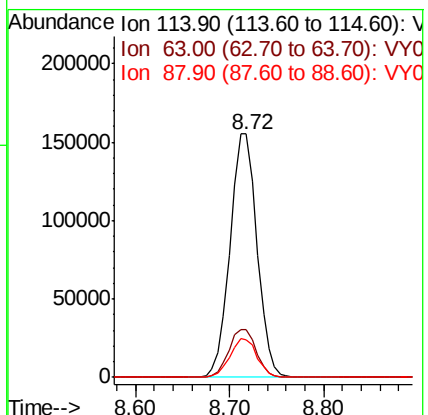
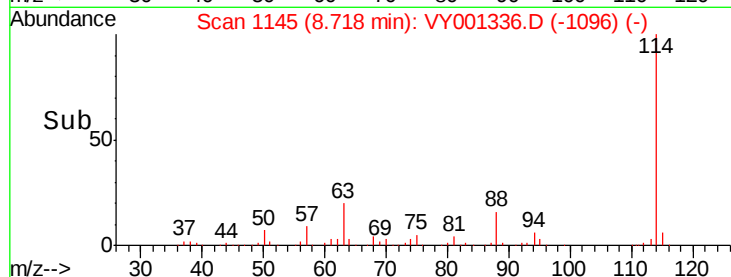
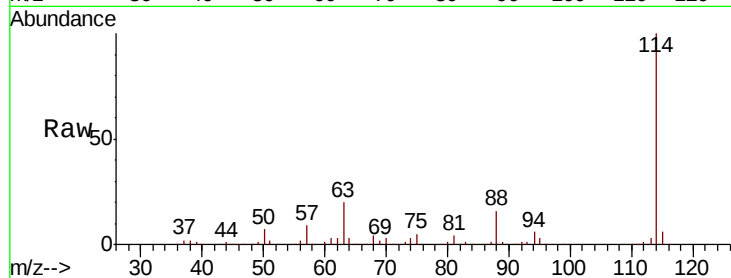
Tot Ion:114 Resp: 308829

Ion Ratio Lower Upper

114 100

63 19.8 0.0 40.8

88 15.5 0.0 31.0



#35

Dibromofluoromethane

Concen: 50.536 ug/l

RT: 7.75 min Scan# 986

Delta R.T. 0.00 min

Lab File: VY001336.D

Acq: 22 Jan 2020 17:14

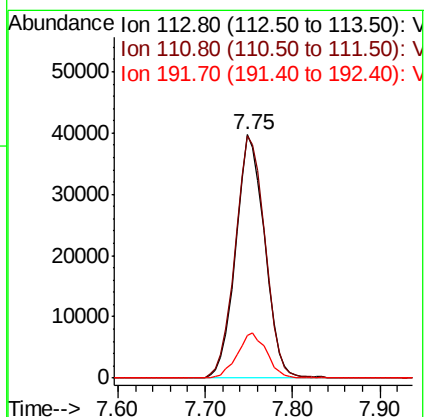
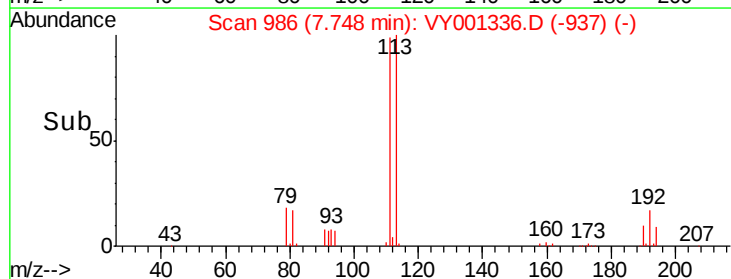
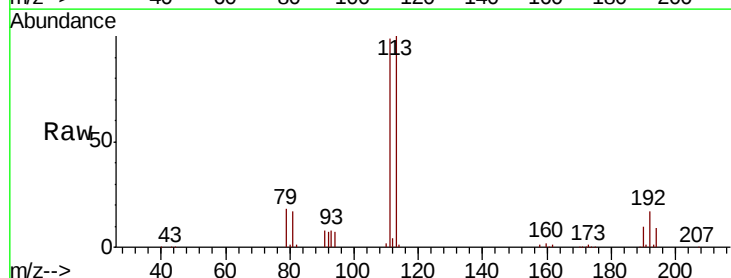
Tgt Ion:113 Resp: 91599

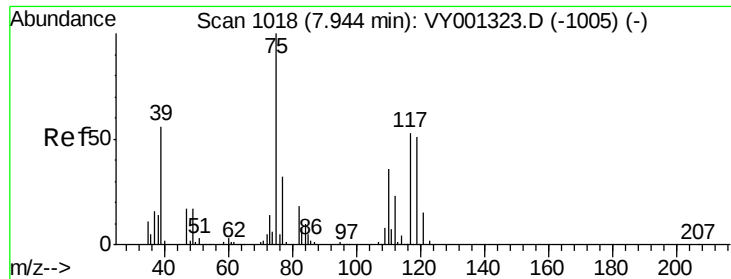
Ion Ratio Lower Upper

113 100

111 102.2 82.8 124.2

192 18.7 15.5 23.3

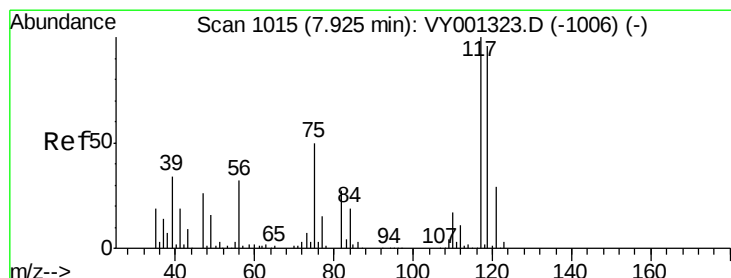
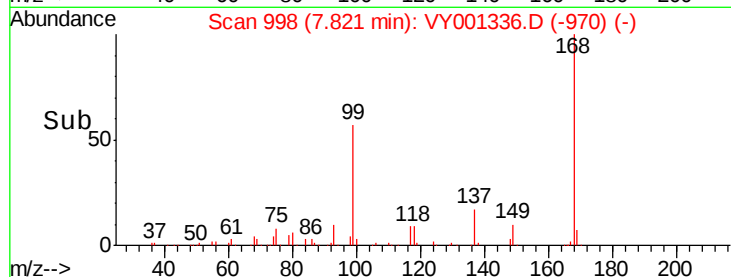
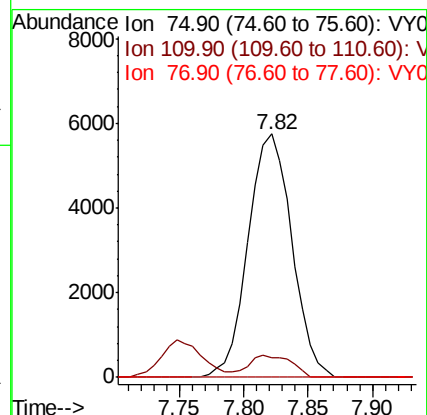
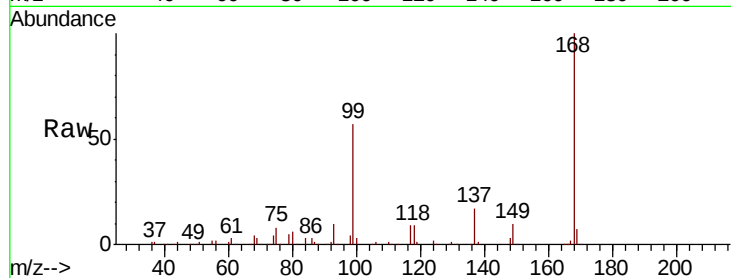




#36
 1,1-Dichloropropene
 Concen: 4.633 ug/l
 RT: 7.82 min Scan# 998
 Delta R.T. -0.13 min
 Lab File: VY001336.D
 Acq: 22 Jan 2020 17:14

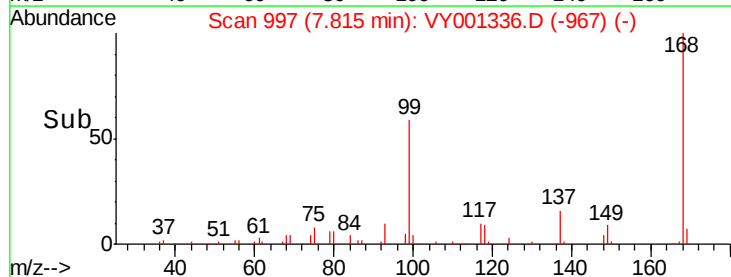
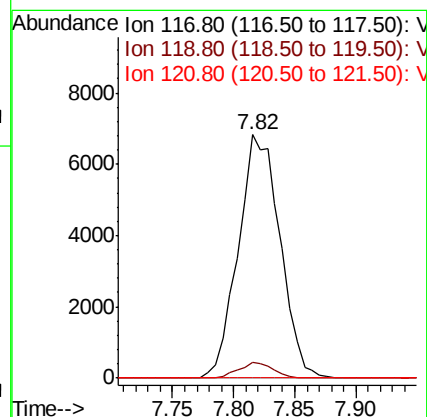
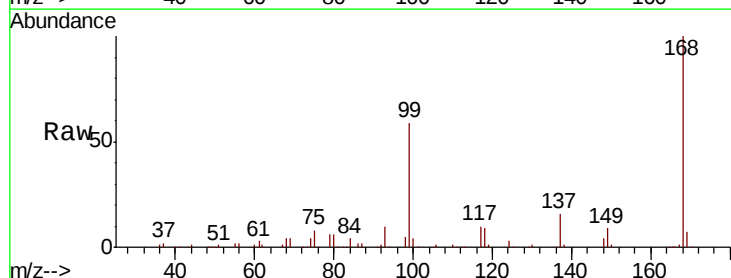
Instrument :
 MSVOA_Y
 ClientSampleId :

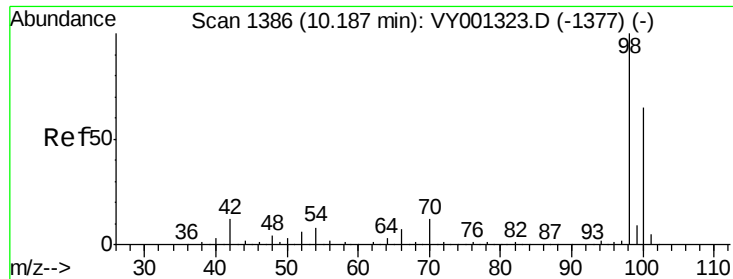
Tot Ion	75	Resp	13517
Ion Ratio	Lower	Upper	
75	100		
110	8.7	17.6	52.8#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 6.225 ug/l
 RT: 7.82 min Scan# 997
 Delta R.T. -0.12 min
 Lab File: VY001336.D
 Acq: 22 Jan 2020 17:14

Tgt Ion	117	Resp	16187
Ion Ratio	Lower	Upper	
117	100		
119	6.3	76.3	114.5#
121	0.0	23.5	35.3#





#50

Toluene-d8

Concen: 51.831 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. -0.01 min

Lab File: VY001336.D

Acq: 22 Jan 2020 17:14

Instrument :

MSVOA_Y

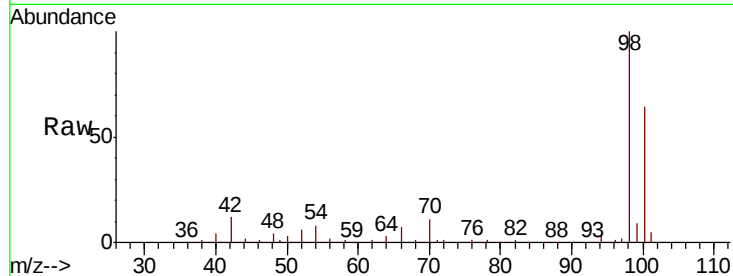
ClientSampleId :

Tot Ion: 98 Resp: 365002

Ion Ratio Lower Upper

98 100

100 65.9 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

250000

200000

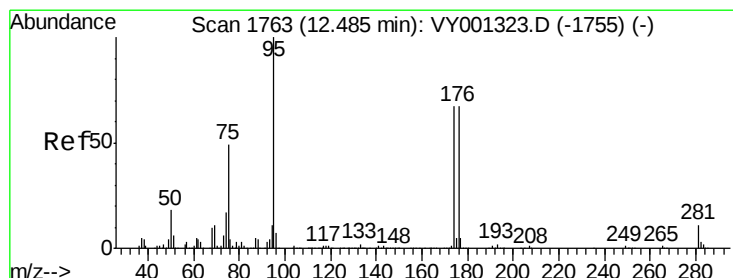
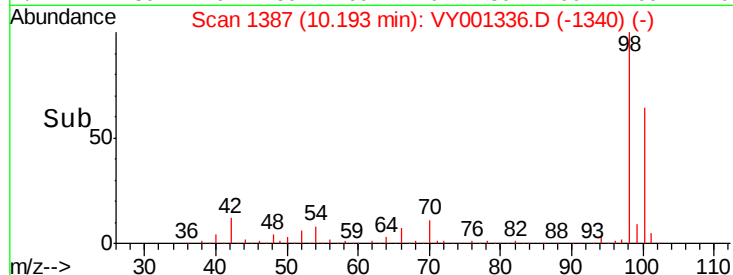
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 46.754 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.02 min

Lab File: VY001336.D

Acq: 22 Jan 2020 17:14

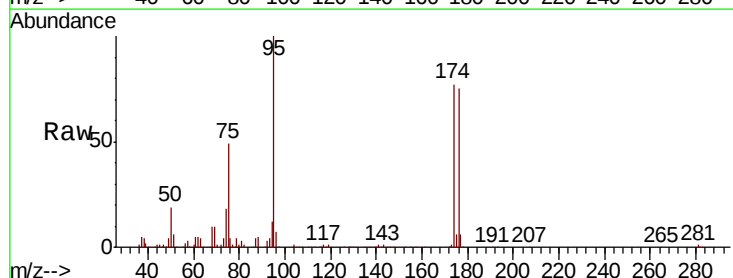
Tgt Ion: 95 Resp: 131118

Ion Ratio Lower Upper

95 100

174 76.8 0.0 142.0

176 73.3 0.0 138.6



Abundance Ion 94.90 (94.60 to 95.60): VY001323.D (-1755) (-)

Ion 173.80 (173.50 to 174.50): VY001323.D (-1755) (-)

Ion 175.80 (175.50 to 176.50): VY001323.D (-1755) (-)

12.49

100000

80000

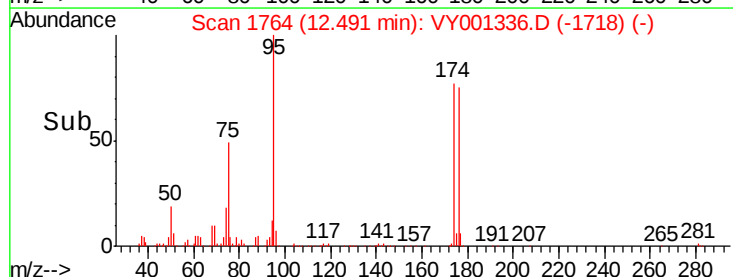
60000

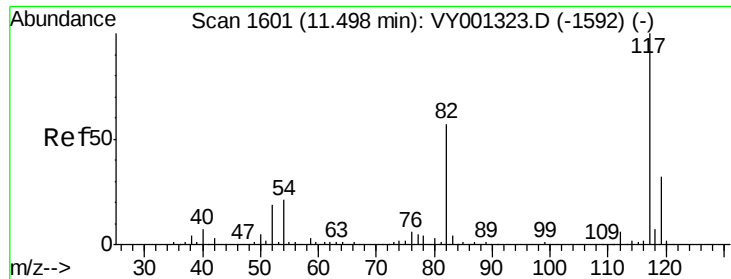
40000

20000

0

Time-->

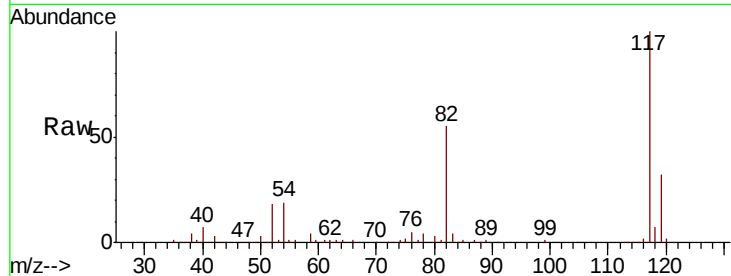




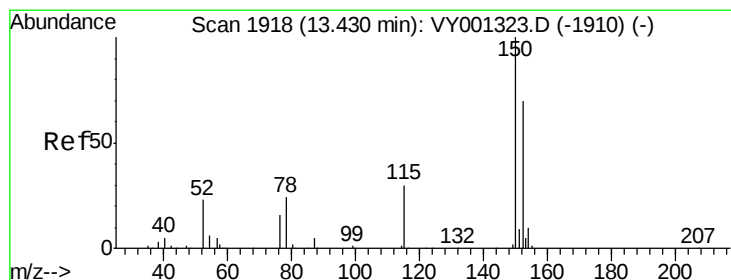
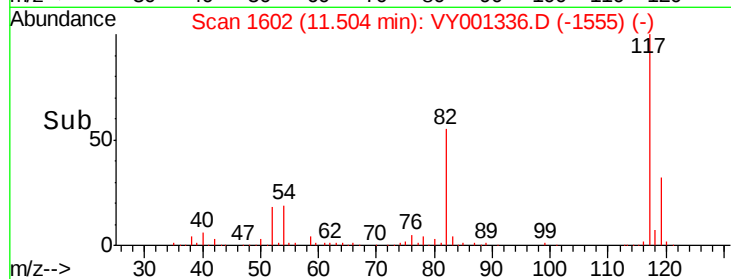
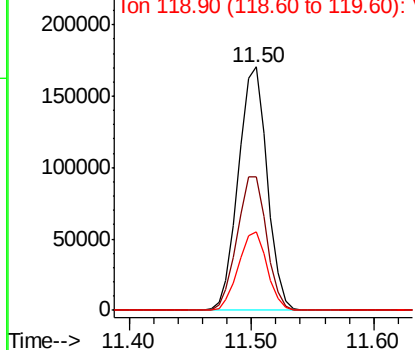
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. -0.01 min
Lab File: VY001336.D
Acq: 22 Jan 2020 17:14

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 277967
Ion Ratio Lower Upper
117 100
82 54.7 45.5 68.3
119 32.4 25.8 38.6

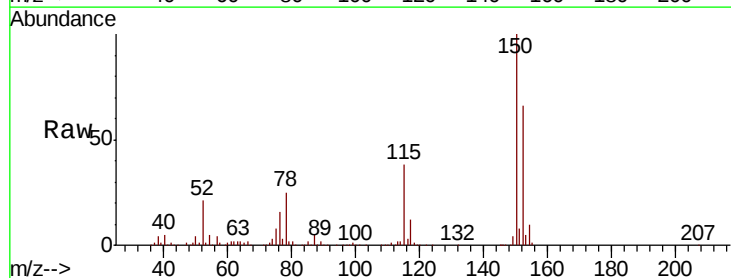


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

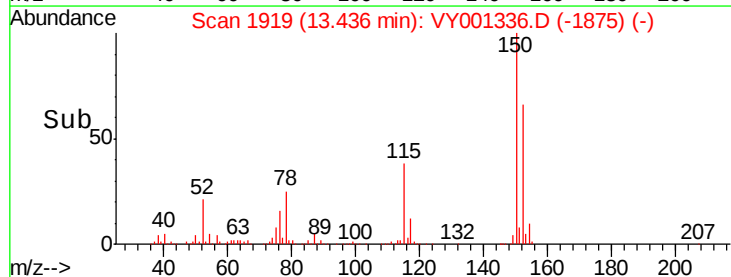
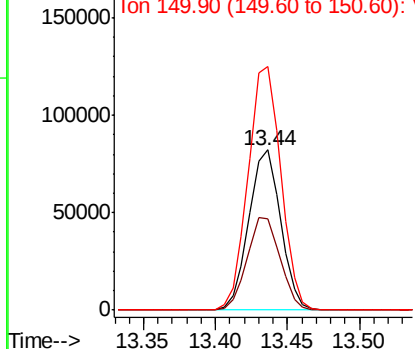


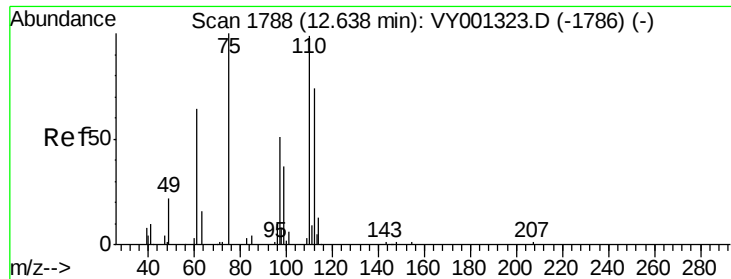
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. -0.03 min
Lab File: VY001336.D
Acq: 22 Jan 2020 17:14

Tgt Ion:152 Resp: 125211
Ion Ratio Lower Upper
152 100
115 59.8 30.9 92.8
150 156.8 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: 43.211 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.17 min

Lab File: VY001336.D

Acq: 22 Jan 2020 17:14

Instrument :

MSVOA_Y

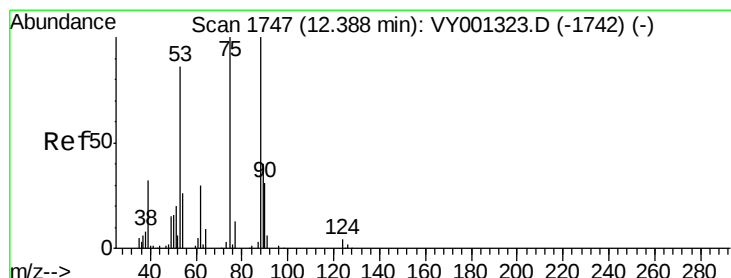
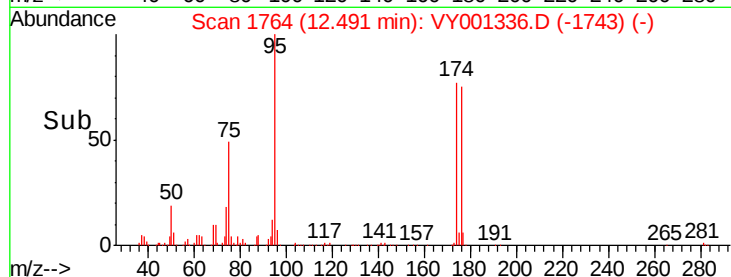
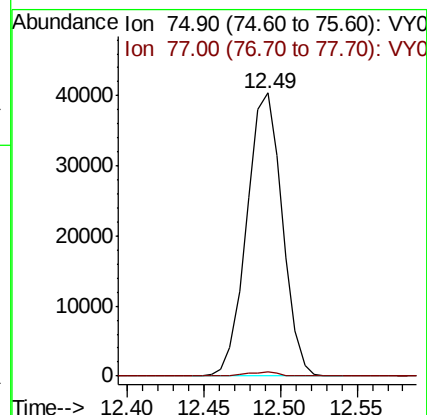
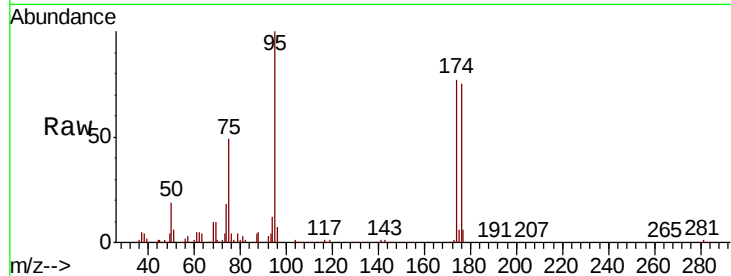
ClientSampleId :

Tot Ion: 75 Resp: 65197

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 81.772 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.09 min

Lab File: VY001336.D

Acq: 22 Jan 2020 17:14

Tgt Ion: 75 Resp: 65197

Ion Ratio Lower Upper

75 100

53 0.0 69.9 104.9#

89 0.0 36.6 54.8#

