

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012220\
 Data File : VY001333.D
 Acq On : 22 Jan 2020 16:08
 Operator : SY/MD
 Sample : L1216-03
 Misc : 4.99G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 23 01:14:58 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

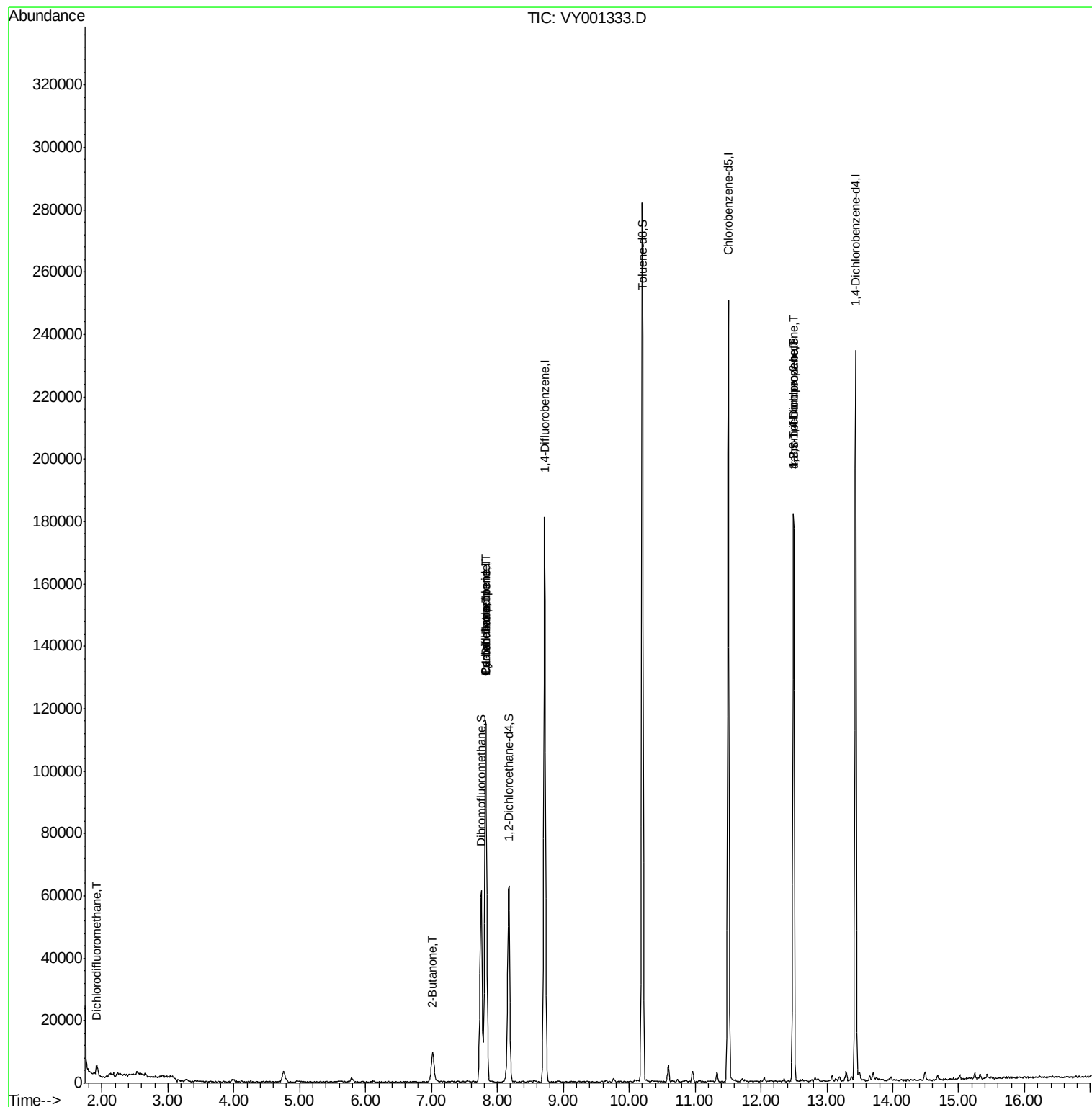
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.83	168	90474	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.72	114	157466	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	133609	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.44	152	56909	50.00	ug/l	-0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.18	65	46079	46.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.62%	
35) Dibromofluoromethane	7.75	113	44671	48.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.68%	
50) Toluene-d8	10.20	98	183328	51.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.12%	
62) 4-Bromofluorobenzene	12.49	95	59693	41.75	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	83.50%	
Target Compounds						
2) Dichlorodifluoromethane	1.92	85	2724	3.818	ug/l	89
11) Tert butyl alcohol	4.96	59	241	Below Cal	#	74
16) Acetone	3.99	43	1530	Below Cal		91
20) Methylene Chloride	4.77	84	2713	Below Cal	#	74
25) 2-Butanone	7.02	43	755	1.762	ug/l #	49
31) Cyclohexane	7.82	56	2110	1.108	ug/l #	1
36) 1,1-Dichloropropene	7.82	75	7208	4.845	ug/l #	50
38) Carbon Tetrachloride	7.83	117	8426	6.355	ug/l #	17
76) 1,2,3-Trichloropropane	12.49	75	30124	43.928	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	30124	83.129	ug/l #	14

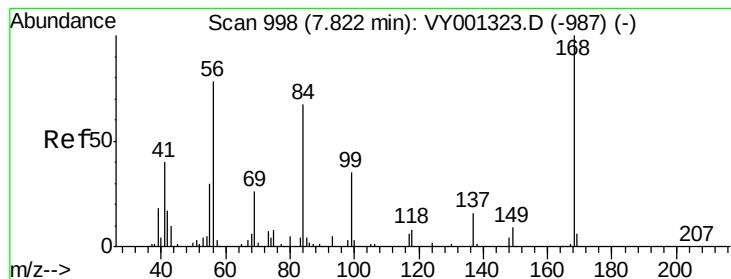
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.83 min Scan# 999

Delta R.T. 0.01 min

Lab File: VY001333.D

Acq: 22 Jan 2020 16:08

Instrument :

MSVOA_Y

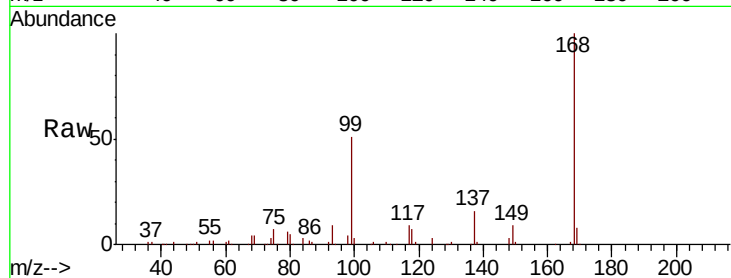
ClientSampleId :

Tot Ion:168 Resp: 90474

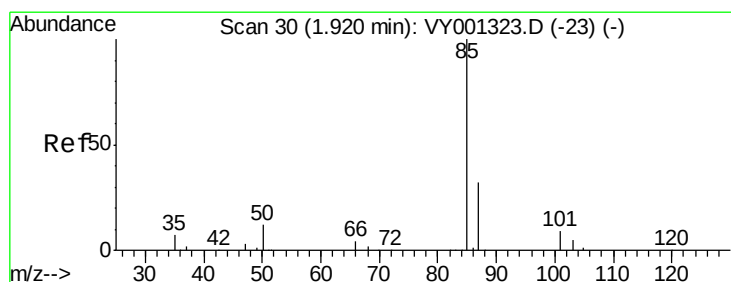
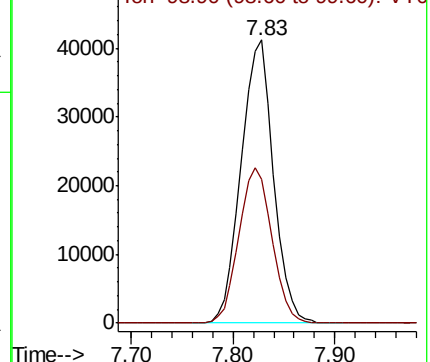
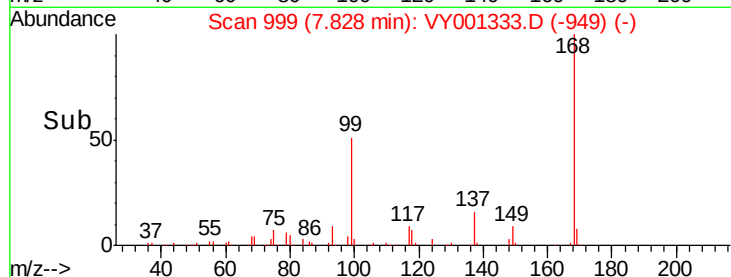
Ion Ratio Lower Upper

168 100

99 50.8 44.3 66.5



Abundance Ion 167.90 (167.60 to 168.60): VY001333.D (-949) (-)



#2

Dichlorodifluoromethane

Concen: 3.818 ug/l

RT: 1.92 min Scan# 30

Delta R.T. 0.00 min

Lab File: VY001333.D

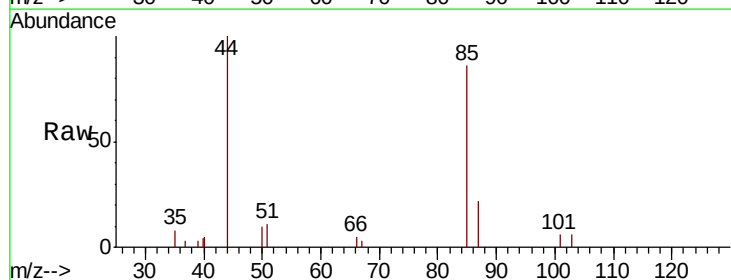
Acq: 22 Jan 2020 16:08

Tgt Ion: 85 Resp: 2724

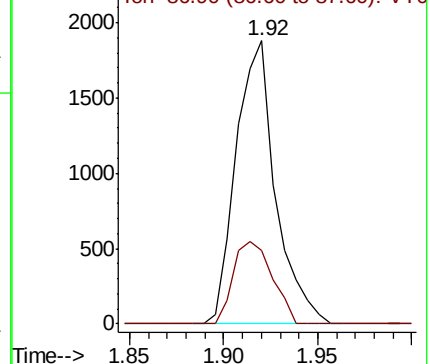
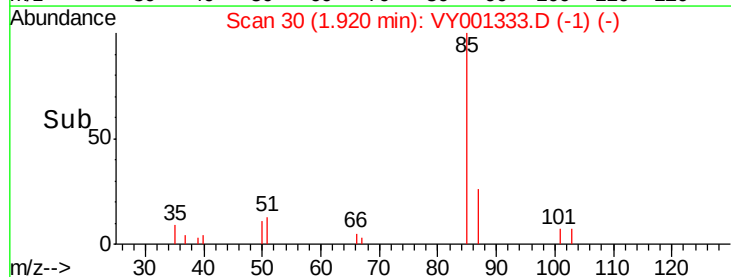
Ion Ratio Lower Upper

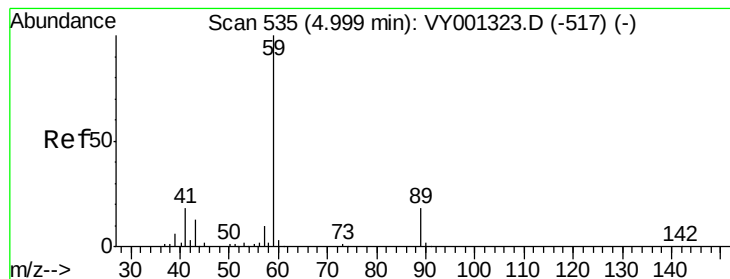
85 100

87 26.0 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VY001333.D (-1) (-)



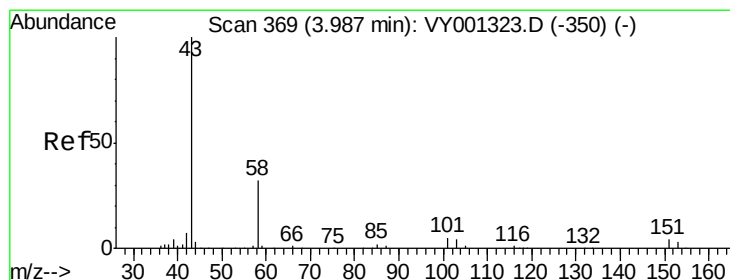
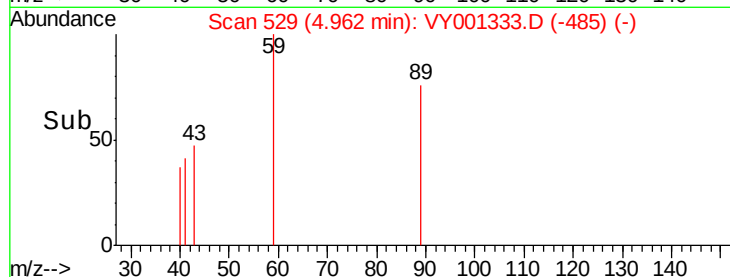
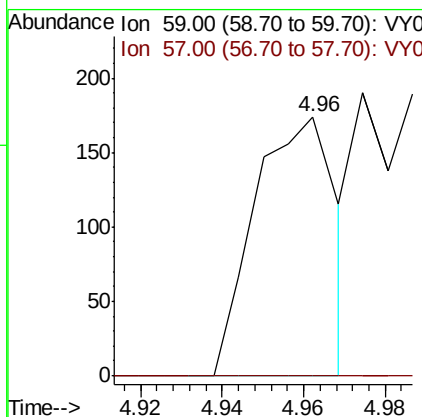
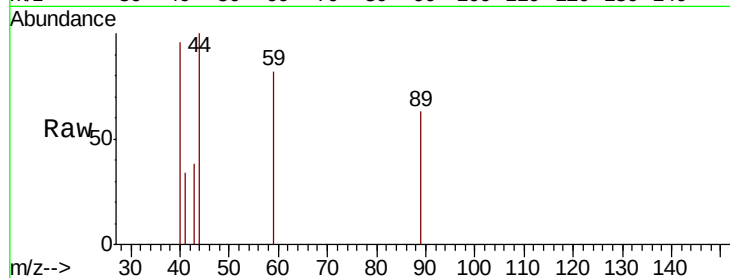


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 4.96 min Scan# 529
 Delta R.T. -0.03 min
 Lab File: VY001333.D
 Acq: 22 Jan 2020 16:08

Instrument :
 MSVOA_Y
 ClientSampled :

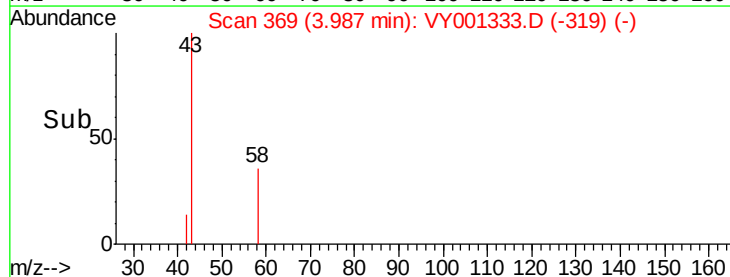
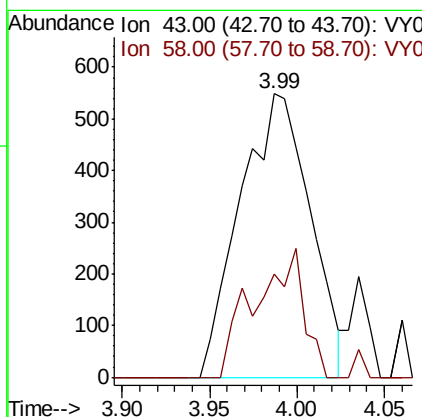
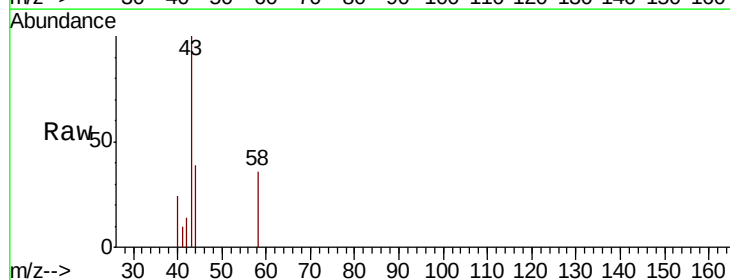
Tot Ion: 59 Resp: 241
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.4 11.2#

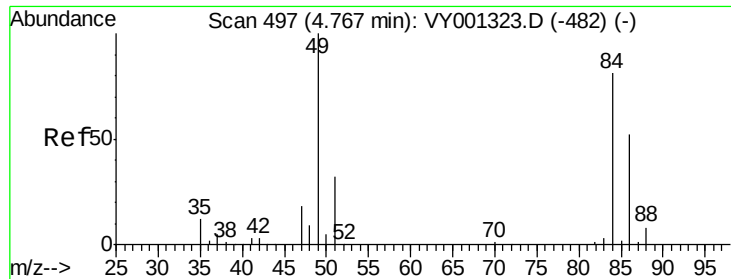


#16

Acetone
 Concen: Below Cal
 RT: 3.99 min Scan# 369
 Delta R.T. 0.01 min
 Lab File: VY001333.D
 Acq: 22 Jan 2020 16:08

Tgt Ion: 43 Resp: 1530
 Ion Ratio Lower Upper
 43 100
 58 36.5 25.4 38.0

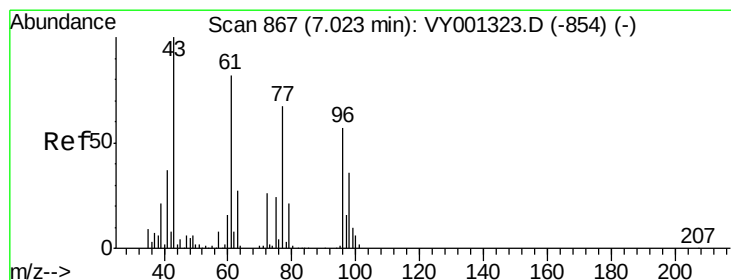
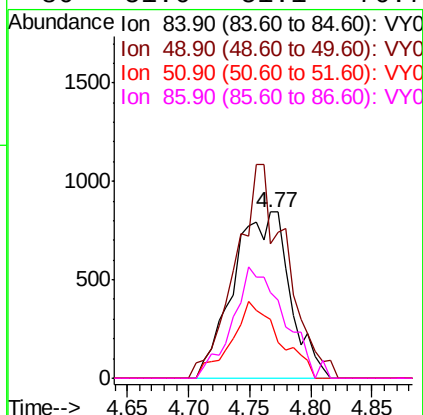
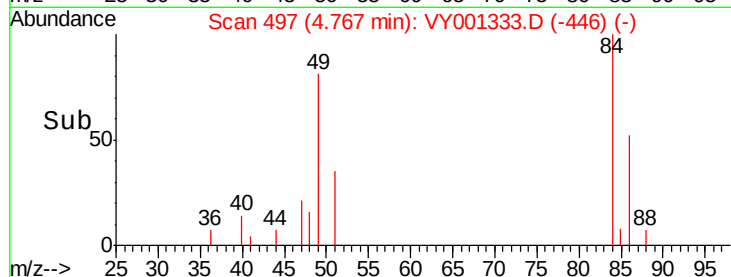
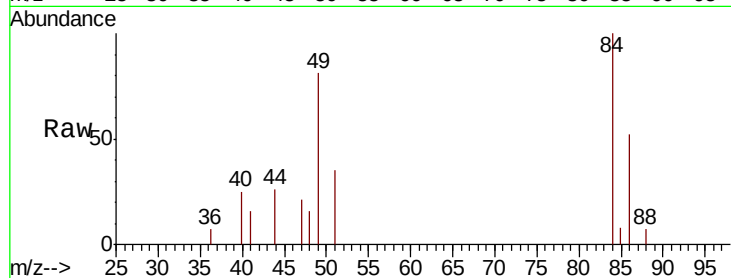




#20
Methylene Chloride
Concen: Below Cal
RT: 4.77 min Scan# 497
Delta R.T. 0.01 min
Lab File: VY001333.D
Acq: 22 Jan 2020 16:08

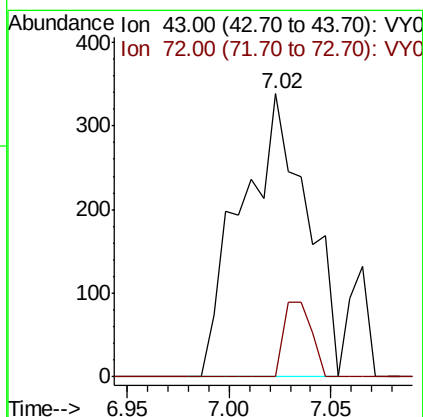
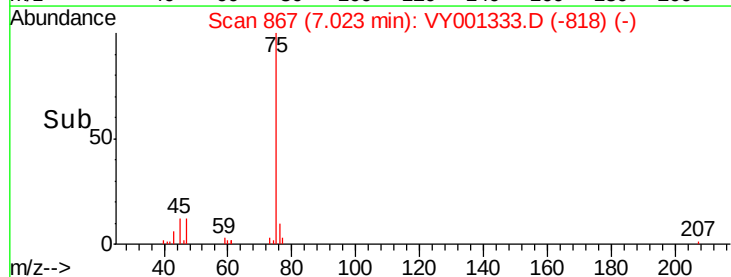
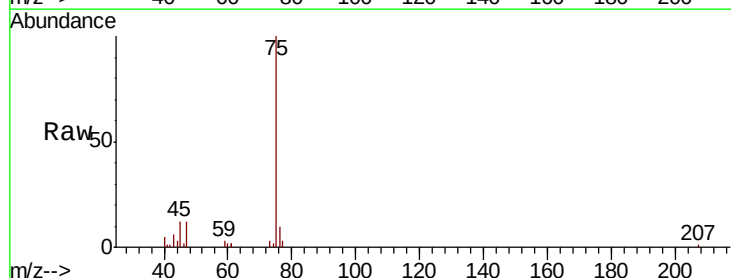
Instrument :
MSVOA_Y
ClientSampleId :

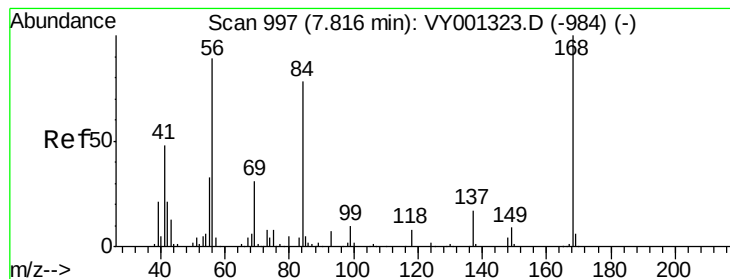
Tot Ion: 84 Resp: 2713
Ion Ratio Lower Upper
84 100
49 81.0 98.3 147.5#
51 35.3 31.6 47.4
86 51.6 51.1 76.7



#25
2-Butanone
Concen: 1.762 ug/l
RT: 7.02 min Scan# 867
Delta R.T. 0.00 min
Lab File: VY001333.D
Acq: 22 Jan 2020 16:08

Tgt Ion: 43 Resp: 755
Ion Ratio Lower Upper
43 100
72 0.0 20.6 31.0#





#31

Cyclohexane

Concen: 1.108 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY001333.D

Acq: 22 Jan 2020 16:08

Instrument :

MSVOA_Y

ClientSampled :

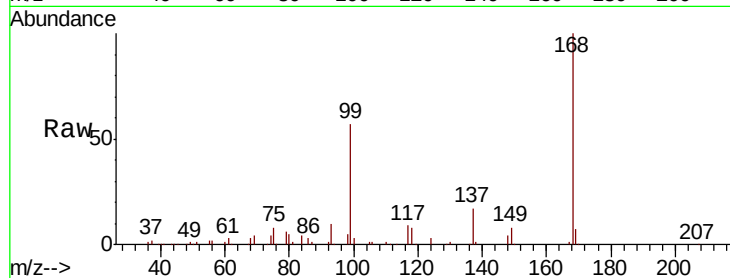
Tot Ion: 56 Resp: 2110

Ion Ratio Lower Upper

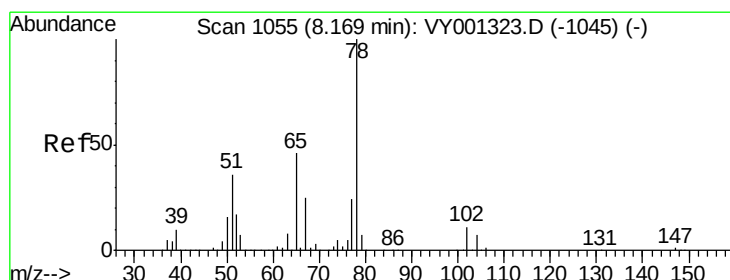
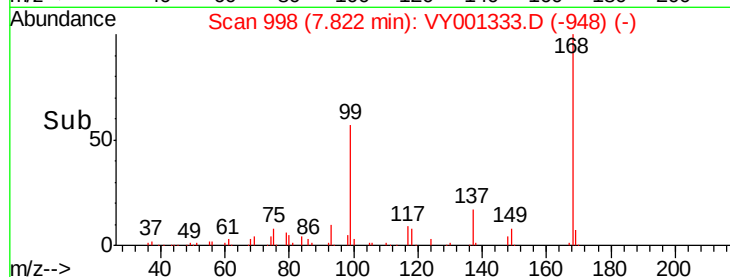
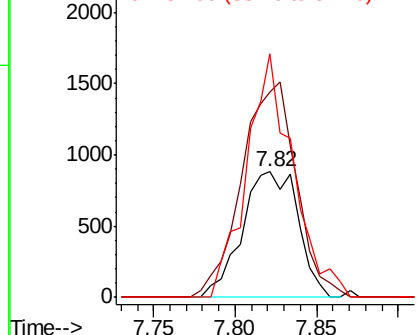
56 100

69 163.8 27.6 41.4#

84 194.0 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: 46.805 ug/l

RT: 8.18 min Scan# 1056

Delta R.T. 0.00 min

Lab File: VY001333.D

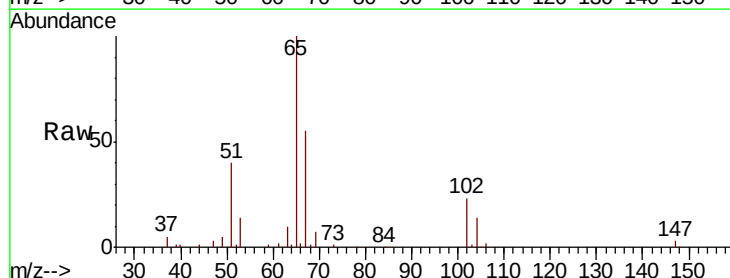
Acq: 22 Jan 2020 16:08

Tgt Ion: 65 Resp: 46079

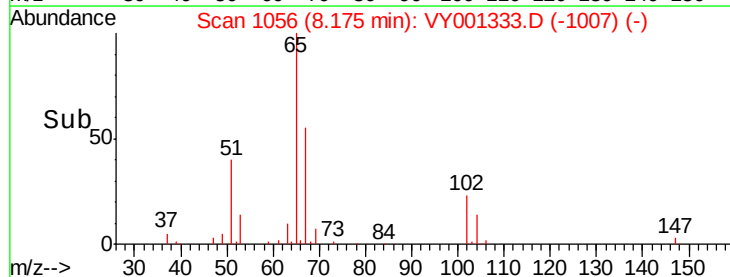
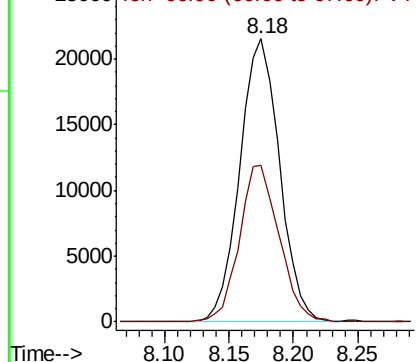
Ion Ratio Lower Upper

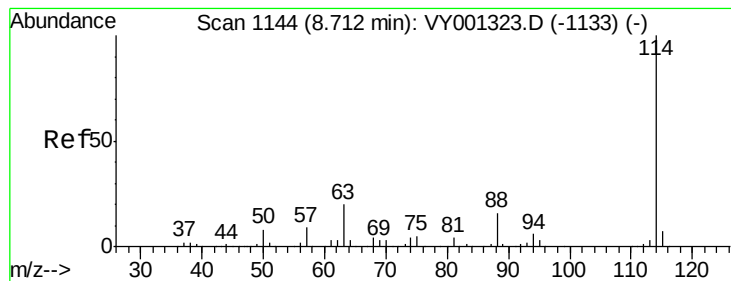
65 100

67 55.2 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: VY001333.D

Acq: 22 Jan 2020 16:08

Instrument :

MSVOA_Y

ClientSampleId :

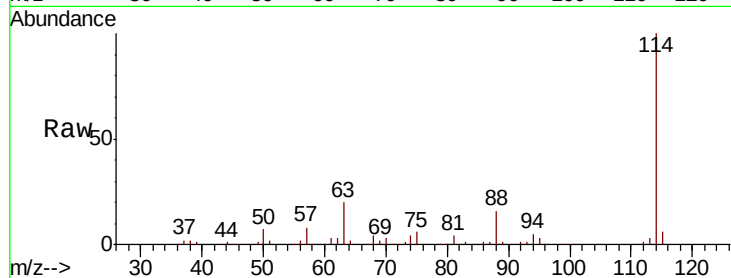
Tot Ion:114 Resp: 157466

Ion Ratio Lower Upper

114 100

63 19.8 0.0 40.8

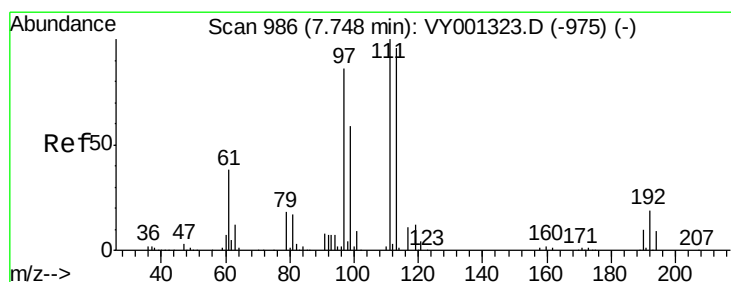
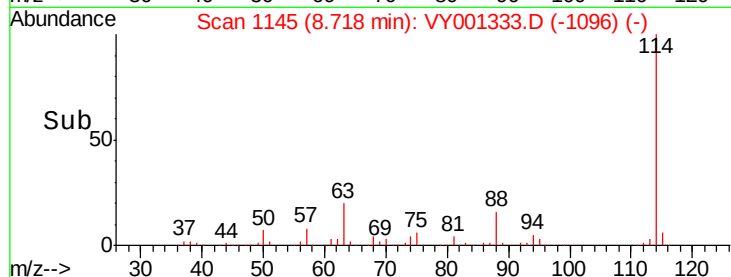
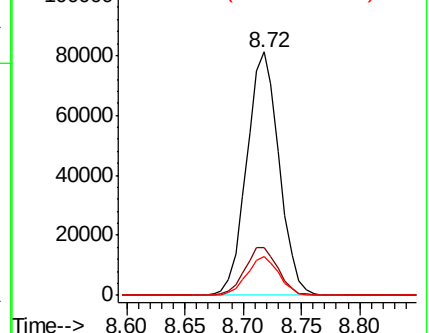
88 15.7 0.0 31.0



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: 48.335 ug/l

RT: 7.75 min Scan# 987

Delta R.T. 0.01 min

Lab File: VY001333.D

Acq: 22 Jan 2020 16:08

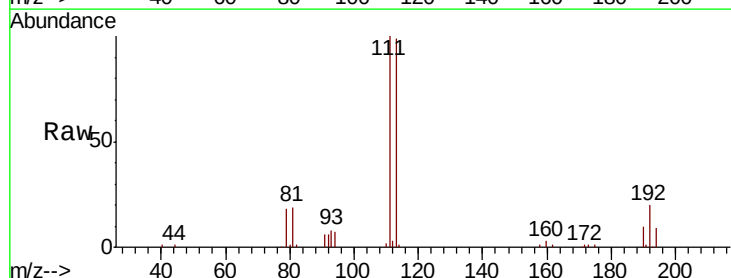
Tgt Ion:113 Resp: 44671

Ion Ratio Lower Upper

113 100

111 102.2 82.8 124.2

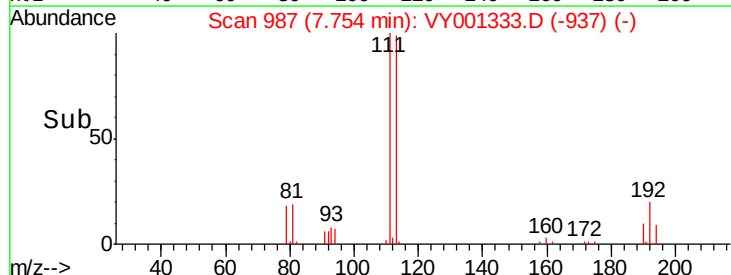
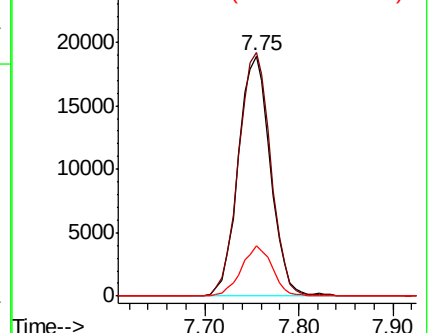
192 20.0 15.5 23.3

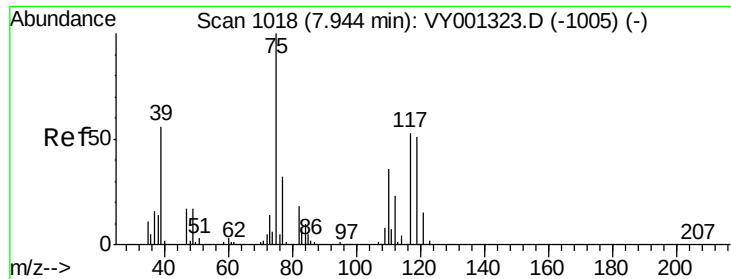


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

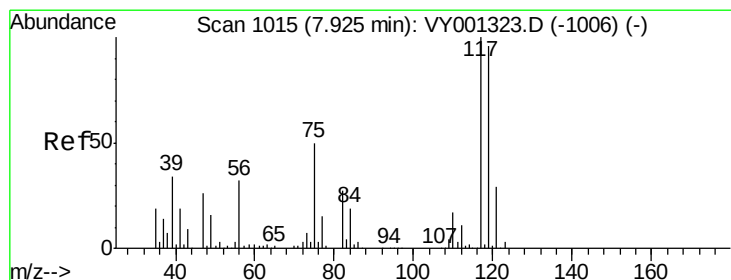
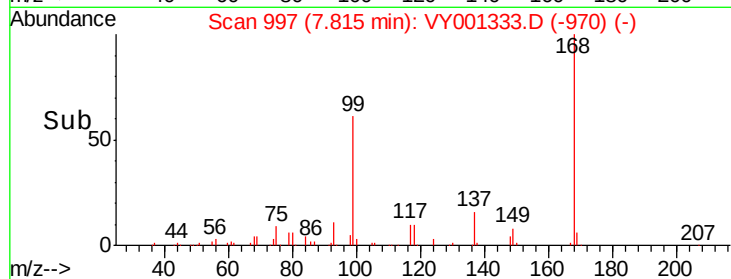
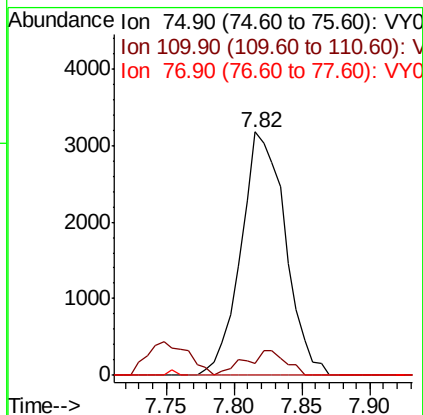
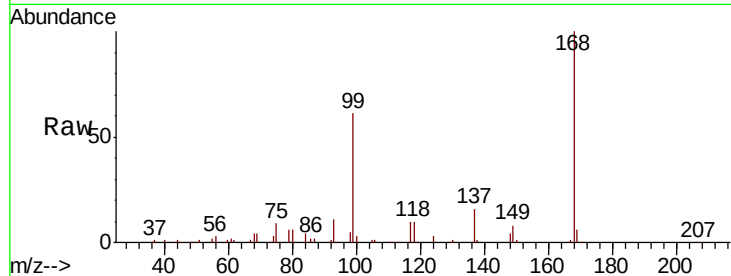




#36
 1,1-Dichloropropene
 Concen: 4.845 ug/l
 RT: 7.82 min Scan# 997
 Delta R.T. -0.13 min
 Lab File: VY001333.D
 Acq: 22 Jan 2020 16:08

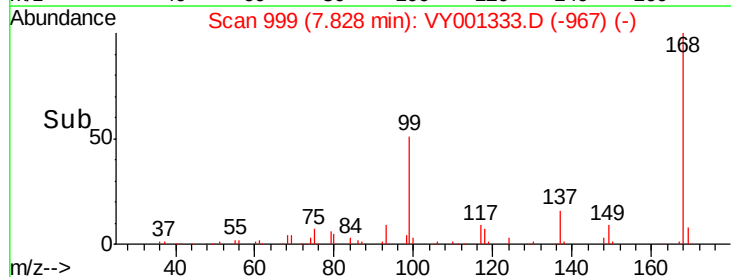
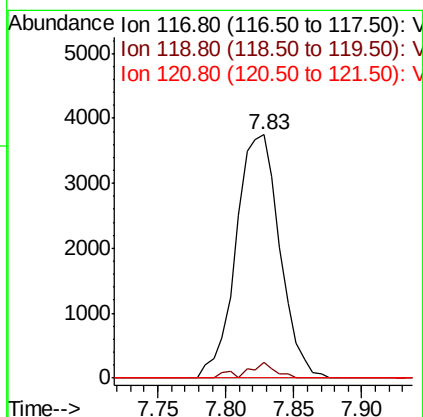
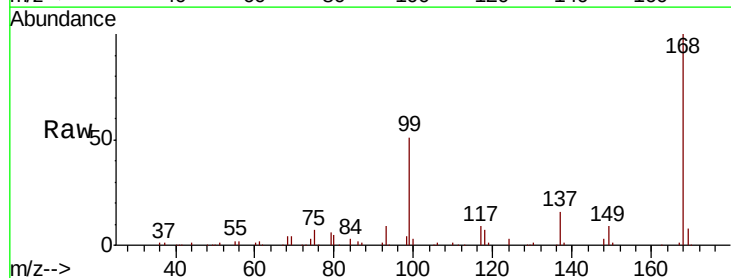
Instrument :
 MSVOA_Y
 ClientSampled :

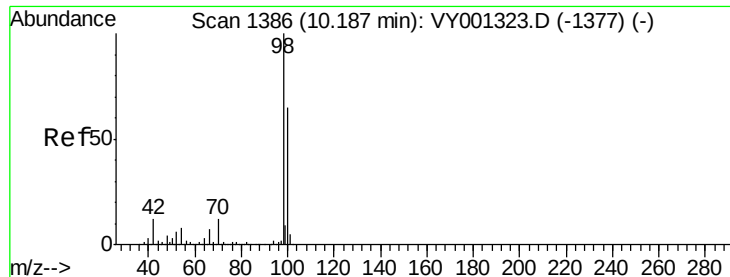
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.3	17.6	52.8#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 6.355 ug/l
 RT: 7.83 min Scan# 999
 Delta R.T. -0.10 min
 Lab File: VY001333.D
 Acq: 22 Jan 2020 16:08

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.5	76.3	114.5#
121	0.0	23.5	35.3#





#50

Toluene-d8

Concen: 51.057 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. -0.01 min

Lab File: VY001333.D

Acq: 22 Jan 2020 16:08

Instrument :

MSVOA_Y

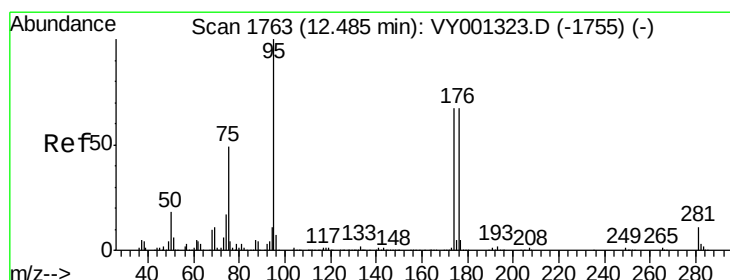
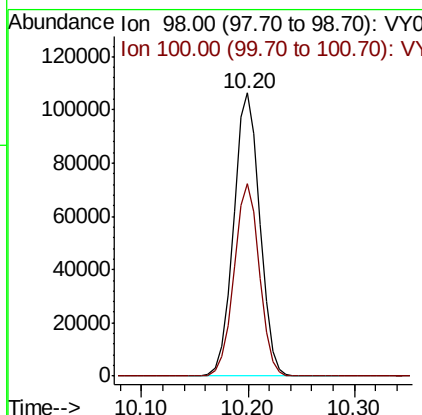
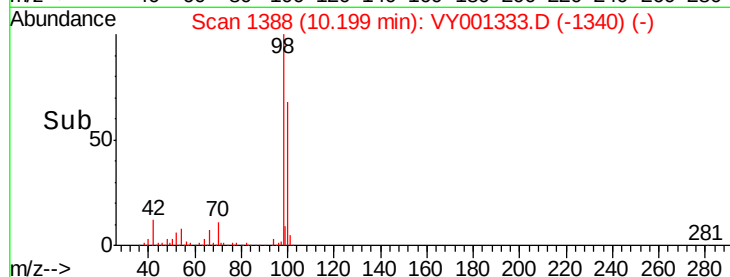
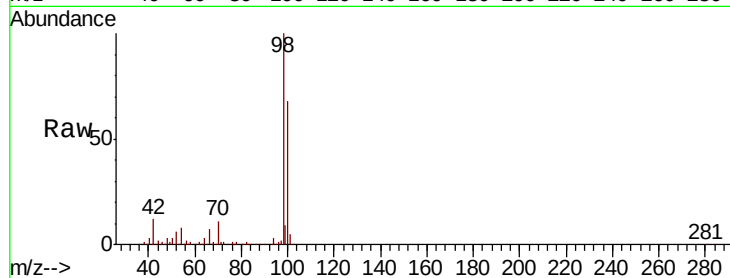
ClientSampleId :

Tot Ion: 98 Resp: 183328

Ion Ratio Lower Upper

98 100

100 65.7 52.6 79.0



#62

4-Bromofluorobenzene

Concen: 41.746 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.02 min

Lab File: VY001333.D

Acq: 22 Jan 2020 16:08

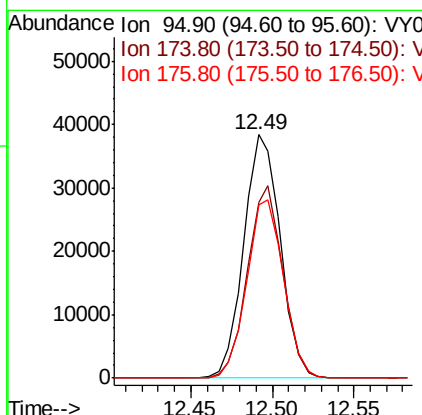
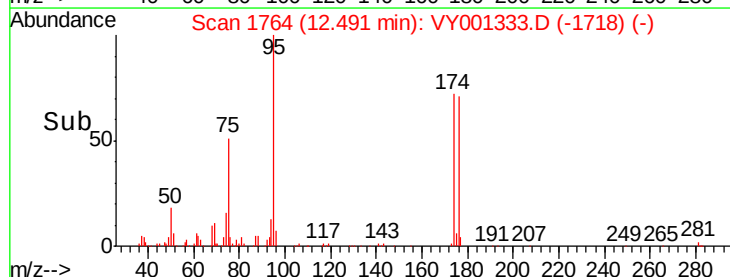
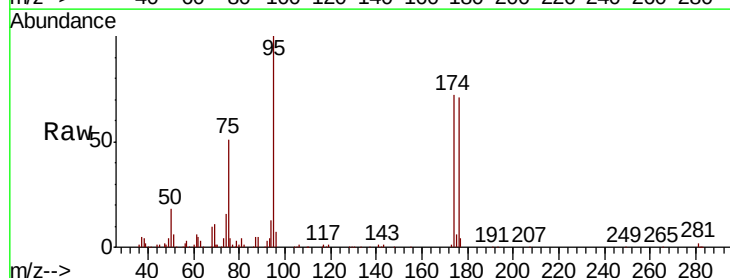
Tgt Ion: 95 Resp: 59693

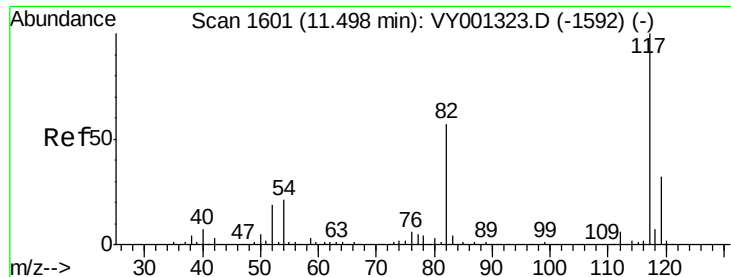
Ion Ratio Lower Upper

95 100

174 76.8 0.0 142.0

176 74.0 0.0 138.6

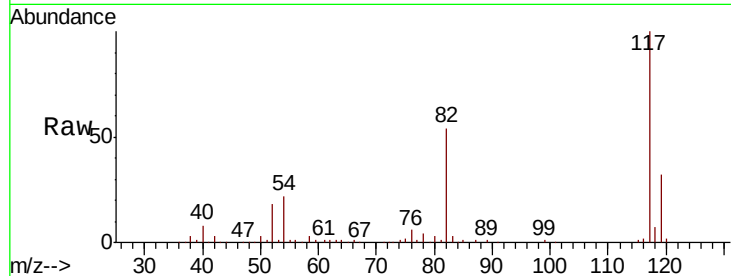




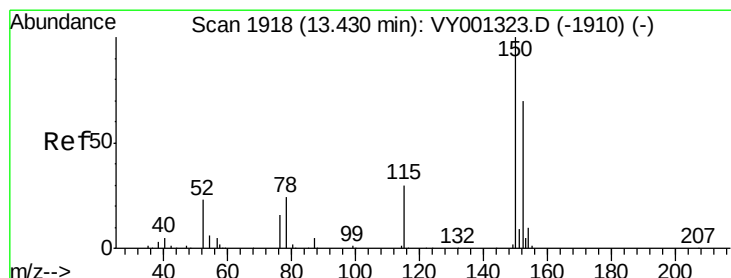
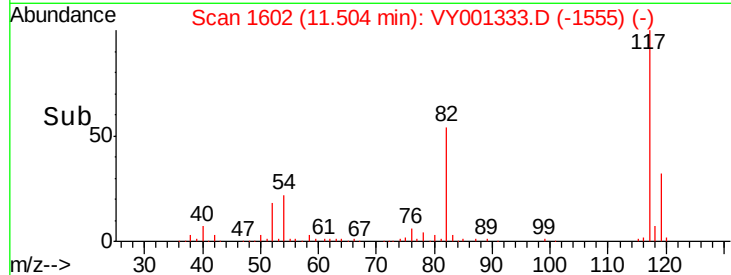
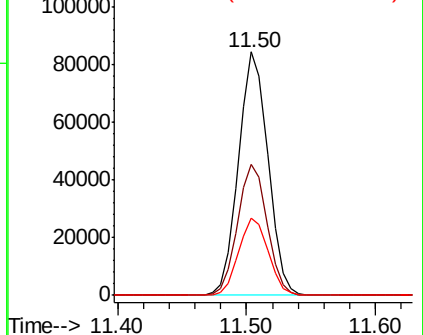
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. -0.01 min
Lab File: VY001333.D
Acq: 22 Jan 2020 16:08

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:117 Resp: 133609
Ion Ratio Lower Upper
117 100
82 54.0 45.5 68.3
119 31.9 25.8 38.6

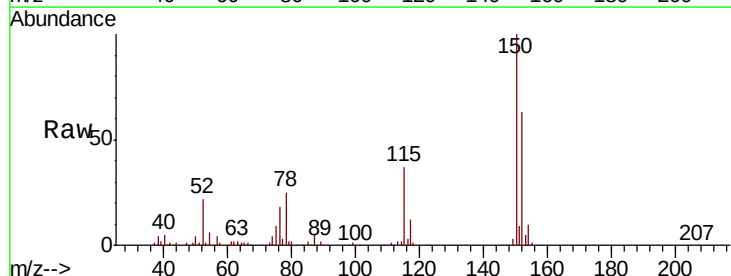


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

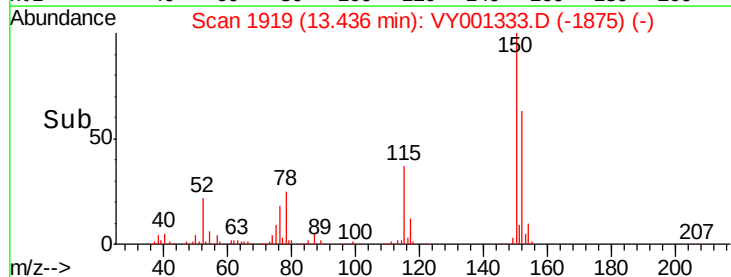
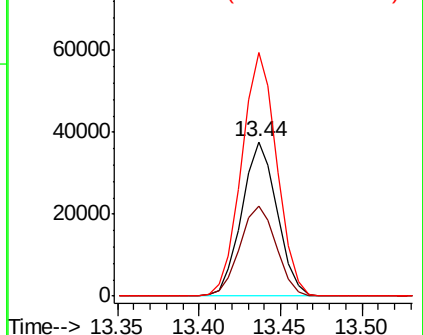


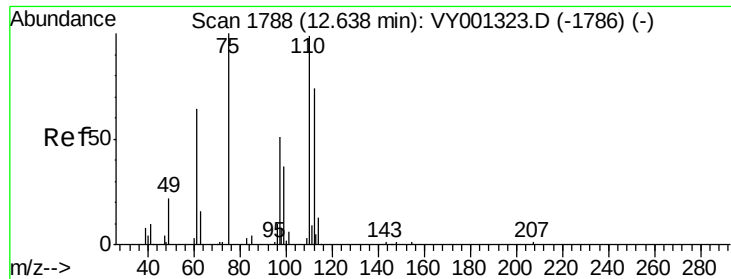
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. -0.03 min
Lab File: VY001333.D
Acq: 22 Jan 2020 16:08

Tgt Ion:152 Resp: 56909
Ion Ratio Lower Upper
152 100
115 60.0 30.9 92.8
150 157.4 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

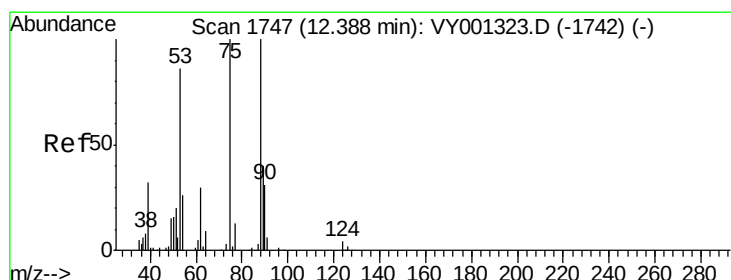
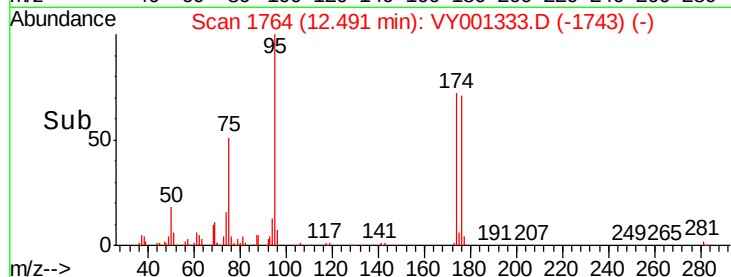
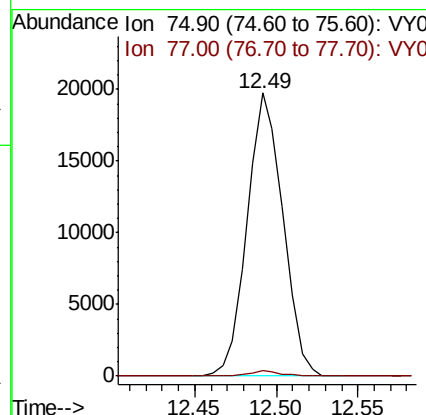
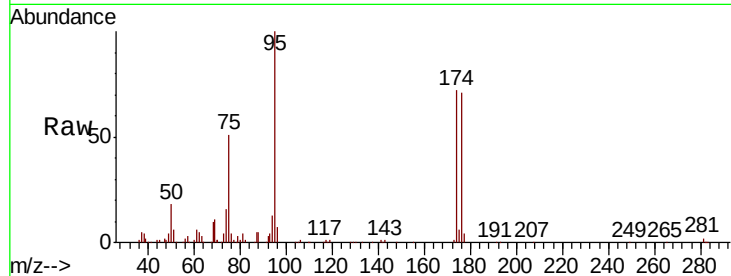




#76
 1,2,3-Trichloropropane
 Concen: 43.928 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. -0.17 min
 Lab File: VY001333.D
 Acq: 22 Jan 2020 16:08

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 75 Resp: 30124
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 83.129 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.09 min
 Lab File: VY001333.D
 Acq: 22 Jan 2020 16:08

Tgt Ion: 75 Resp: 30124
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.9 104.9#
 89 0.0 36.6 54.8#

