

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102519\
 Data File : VY000438.D
 Acq On : 25 Oct 2019 18:48
 Operator : SY/MD
 Sample : K5540-04
 Misc : 3.87G/5ML/MSVOA Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 26 01:47:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 17 02:03:07 2019
 Response via : Initial Calibration

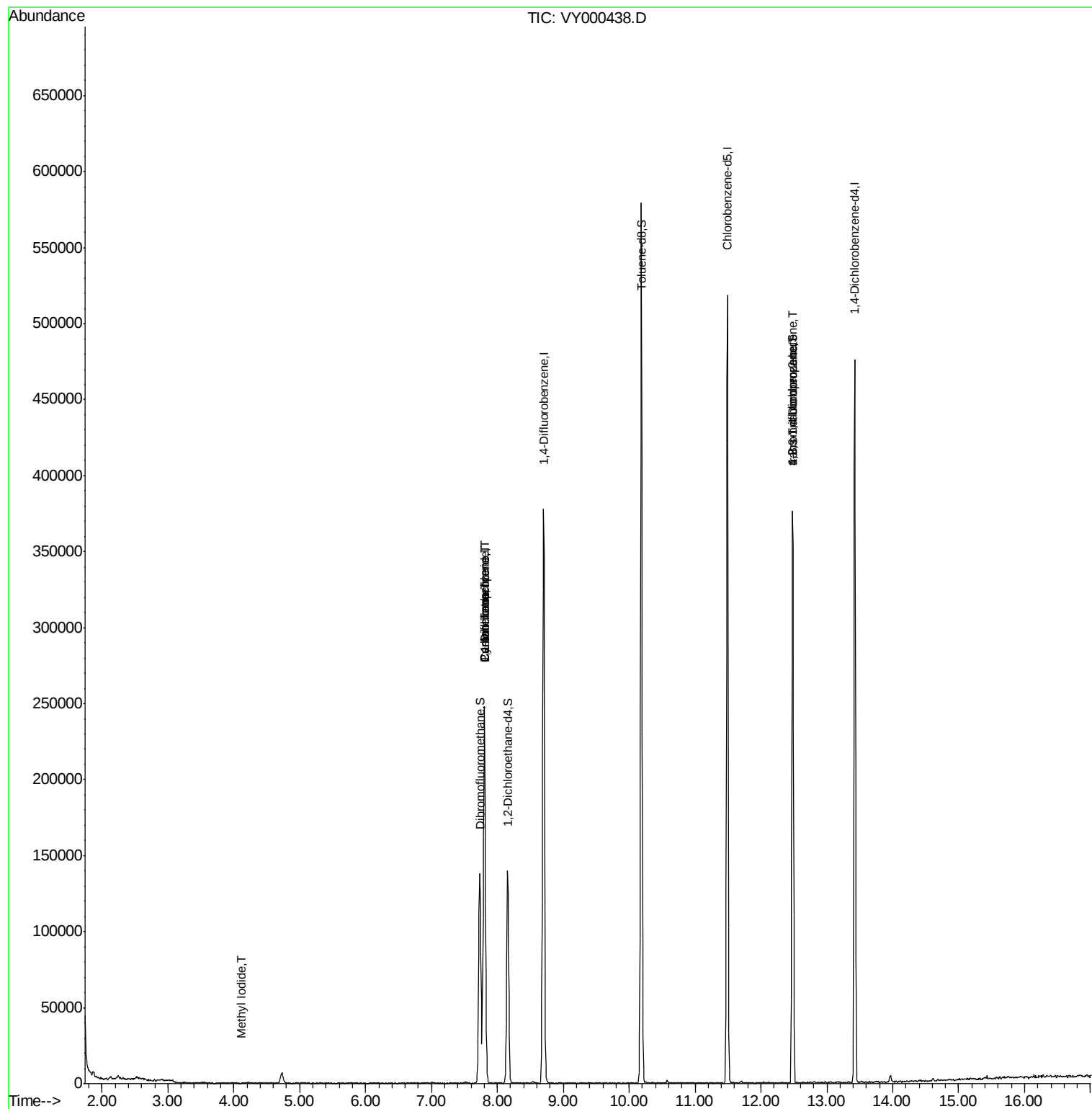
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	187163	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	320127	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	272015	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	113075	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	105467	53.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.84%	
35) Dibromofluoromethane	7.74	113	94767	49.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.16%	
50) Toluene-d8	10.19	98	368553	49.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.24%	
62) 4-Bromofluorobenzene	12.48	95	111606	39.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.10%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.91	85	132	Below Cal	#	41
10) Methyl Iodide	4.11	142	101	1.222 ug/l	#	41
20) Methylene Chloride	4.73	84	4981	Below Cal	#	81
31) Cyclohexane	7.80	56	4474	1.184 ug/l	#	1
36) 1,1-Dichloropropene	7.80	75	13345	4.258 ug/l	#	49
38) Carbon Tetrachloride	7.80	117	17575	5.791 ug/l	#	17
76) 1,2,3-Trichloropropane	12.48	75	59794	43.004 ug/l	#	100
81) trans-1,4-Dichloro-2-buten	12.48	75	59794	94.091 ug/l	#	14

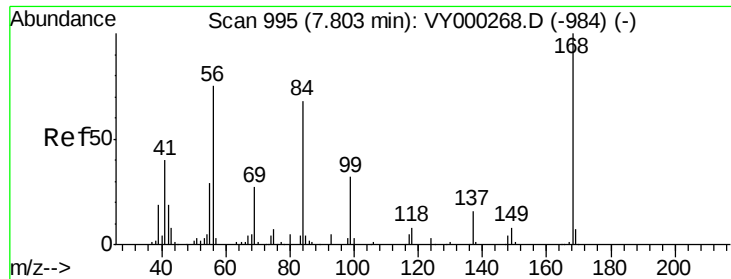
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
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QLast Update : Thu Oct 17 02:03:07 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.00 min

Lab File: VY000438.D

Acq: 25 Oct 2019 18:48

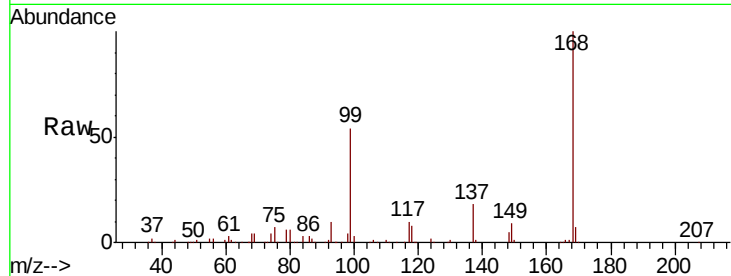
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 187163

Ion Ratio Lower Upper

168 100

99 54.4 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VY000438.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000438.D (-946) (-)

7.80

80000

60000

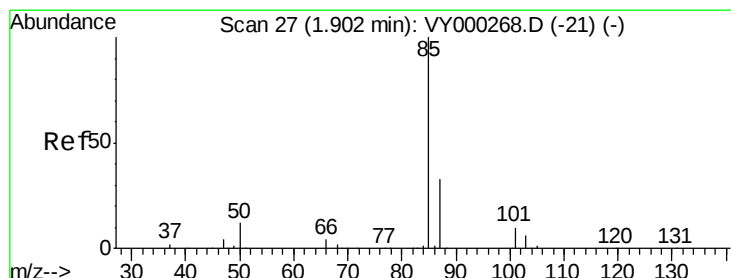
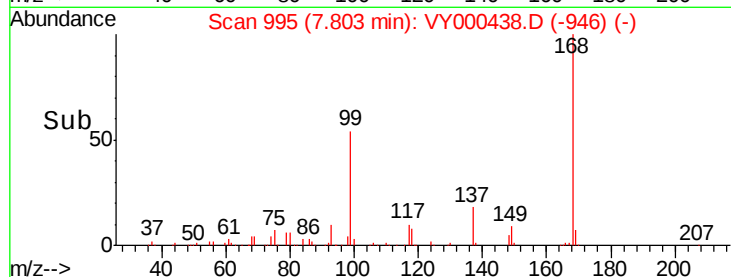
40000

20000

0

7.70 7.75 7.80 7.85 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY000438.D

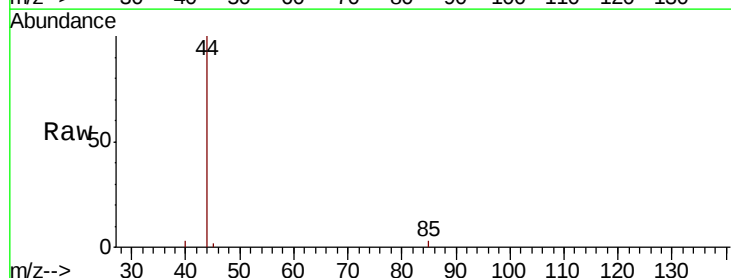
Acq: 25 Oct 2019 18:48

Tgt Ion: 85 Resp: 132

Ion Ratio Lower Upper

85 100

87 0.0 16.6 49.8#



Abundance Ion 84.90 (84.60 to 85.60): VY000438.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY000438.D (-1) (-)

1.91

150

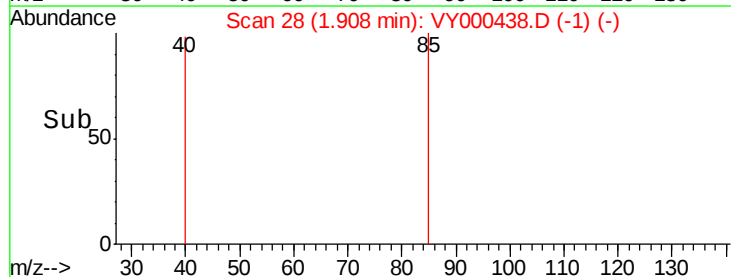
100

50

0

1.88 1.90 1.92 1.94

Time-->

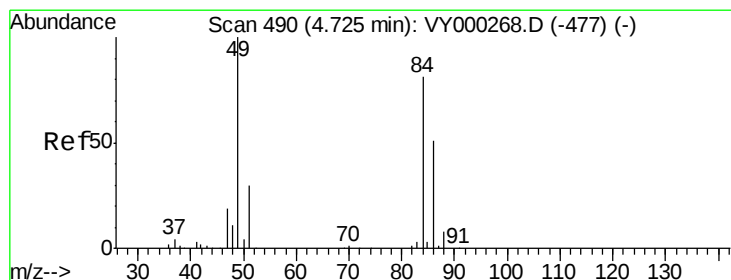
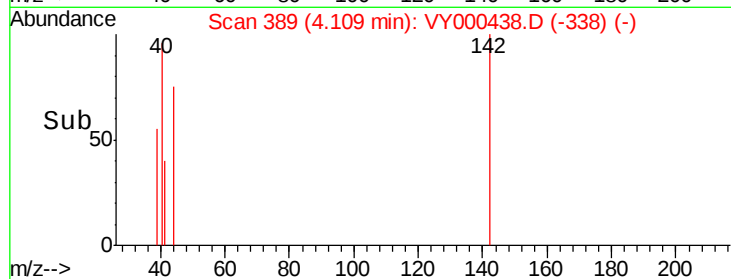
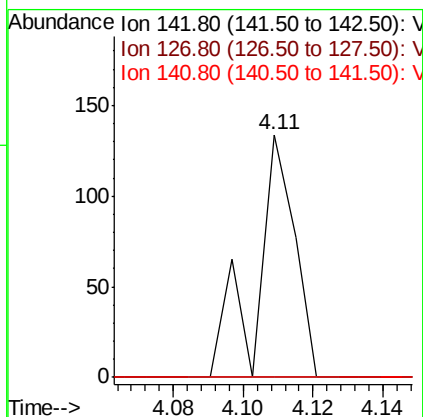
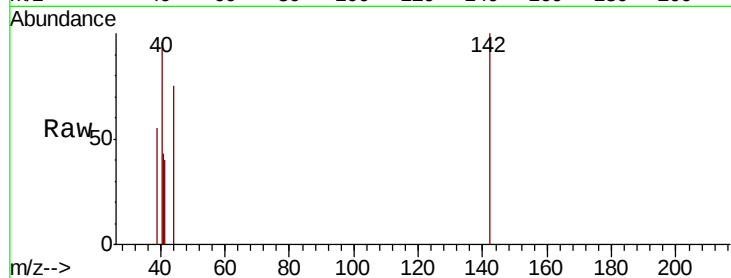




#10
Methyl Iodide
Concen: 1.222 ug/l
RT: 4.11 min Scan# 389
Delta R.T. 0.01 min
Lab File: VY000438.D
Acq: 25 Oct 2019 18:48

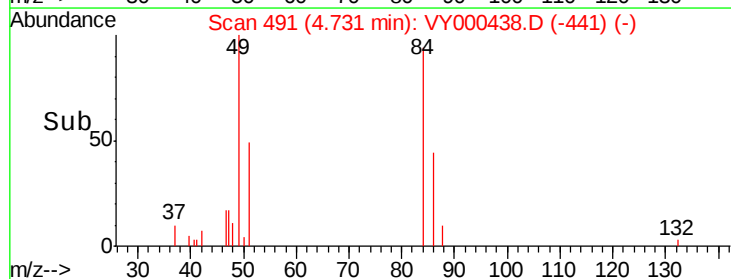
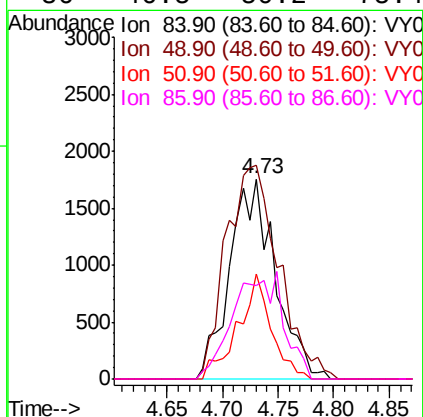
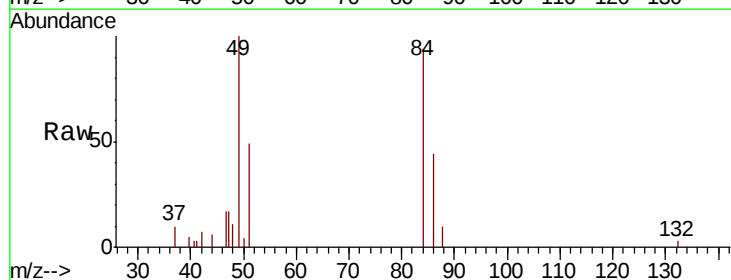
Instrument :
MSVOA_Y
ClientSampleId :

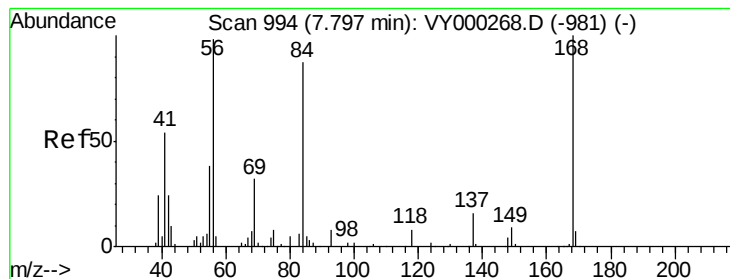
Tot Ion:142 Resp: 101
Ion Ratio Lower Upper
142 100
127 0.0 33.9 50.9#
141 0.0 11.2 16.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY000438.D
Acq: 25 Oct 2019 18:48

Tgt Ion: 84 Resp: 4981
Ion Ratio Lower Upper
84 100
49 106.6 99.0 148.4
51 52.2 29.3 43.9#
86 46.5 50.2 75.4#





#31

Cvclohexane

Concen: 1.184 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: VY000438.D

Acq: 25 Oct 2019 18:48

Instrument :
MSVOA_Y
ClientSampleId :

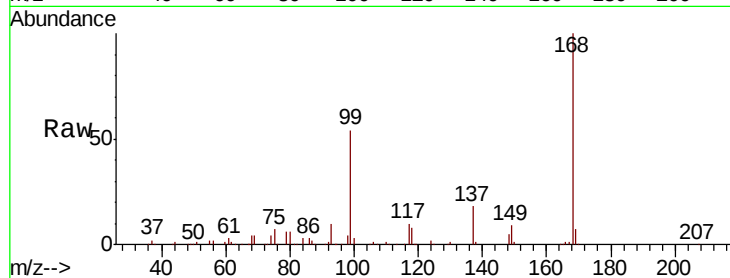
Tot Ion: 56 Resp: 4474

Ion Ratio Lower Upper

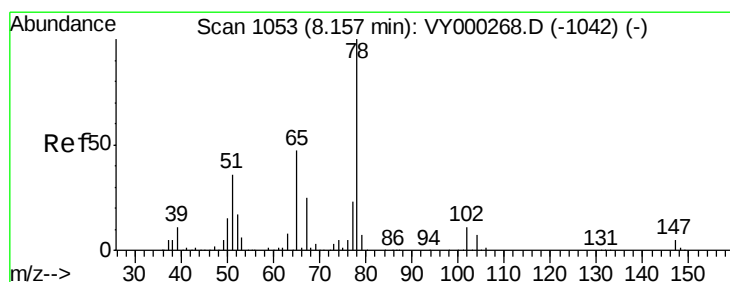
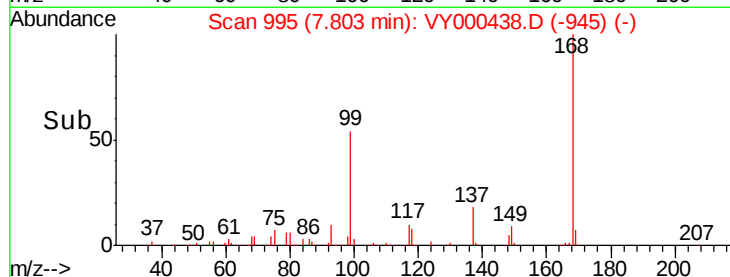
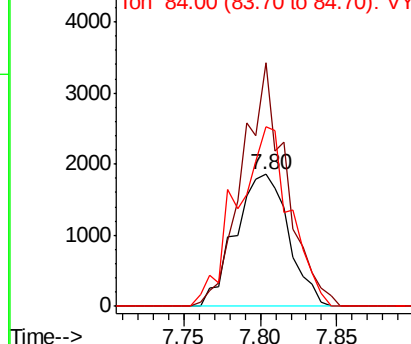
56 100

69 184.6 26.3 39.5#

84 136.3 70.8 106.2#



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: 53.421 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VY000438.D

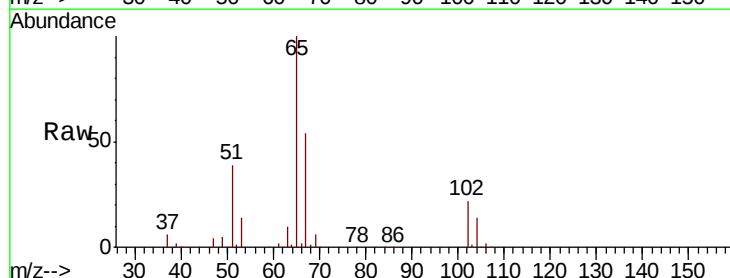
Acq: 25 Oct 2019 18:48

Tgt Ion: 65 Resp: 105467

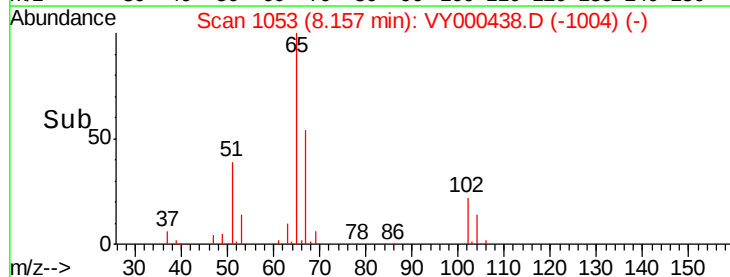
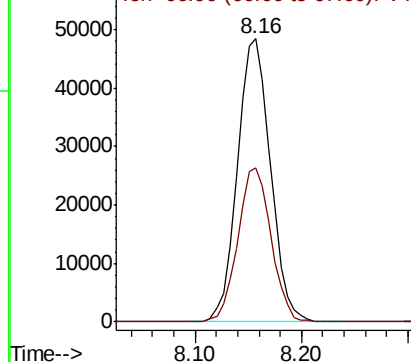
Ion Ratio Lower Upper

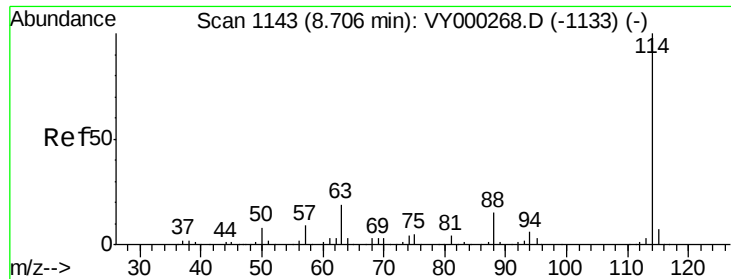
65 100

67 54.8 0.0 109.4



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: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY000438.D

Acq: 25 Oct 2019 18:48

Instrument :
MSVOA_Y
ClientSampleId :

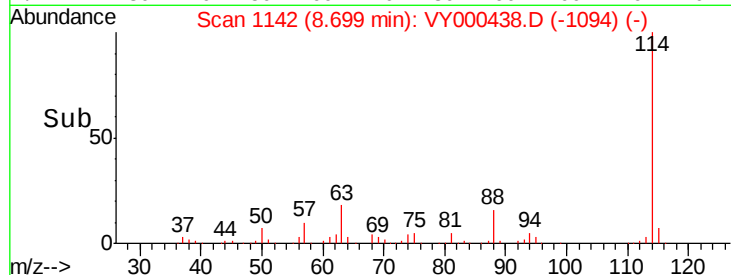
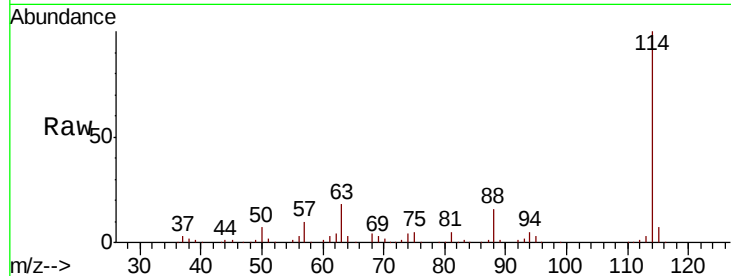
Tot Ion:114 Resp: 320127

Ion Ratio Lower Upper

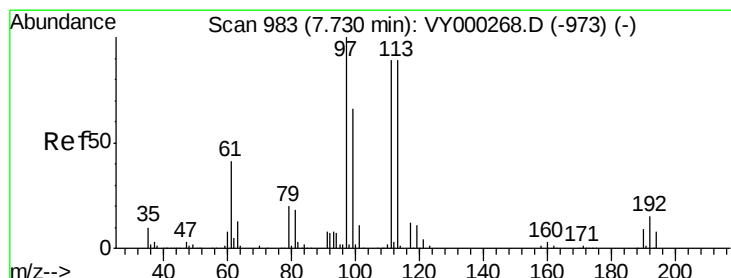
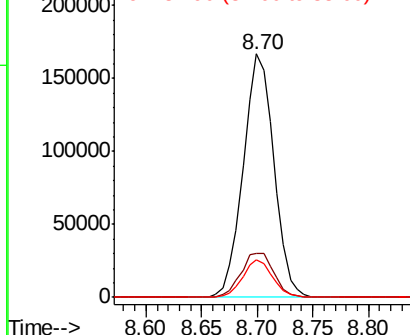
114 100

63 17.8 0.0 37.2

88 15.5 0.0 30.2



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: 49.076 ug/l

RT: 7.74 min Scan# 984

Delta R.T. 0.01 min

Lab File: VY000438.D

Acq: 25 Oct 2019 18:48

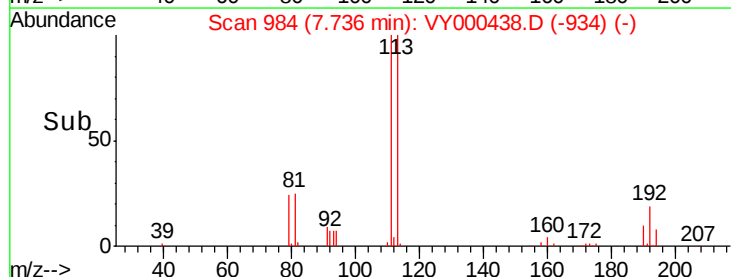
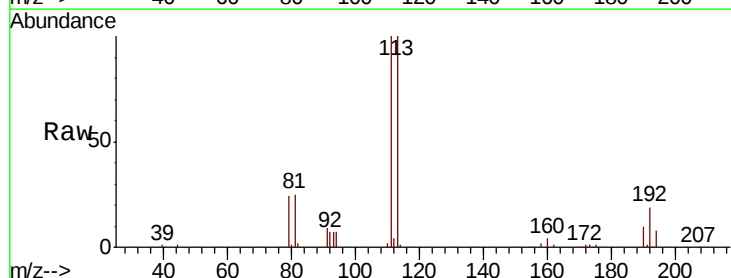
Tgt Ion:113 Resp: 94767

Ion Ratio Lower Upper

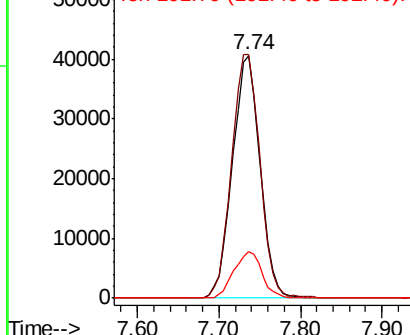
113 100

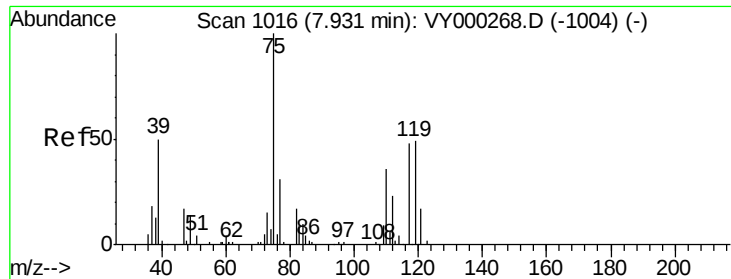
111 102.7 81.6 122.4

192 19.5 15.3 22.9



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

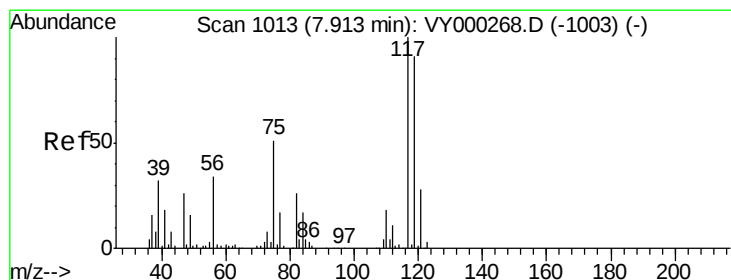
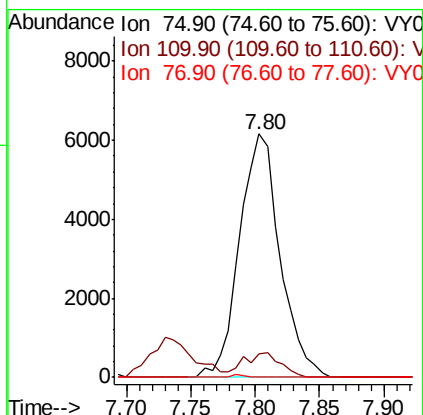
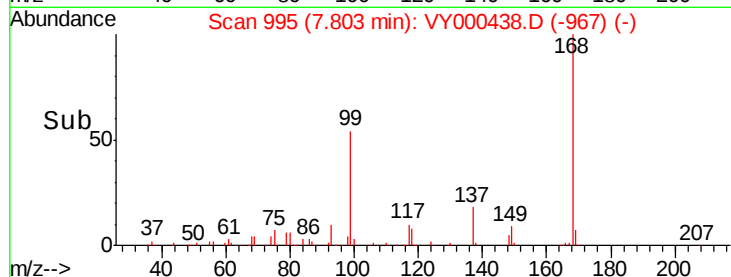
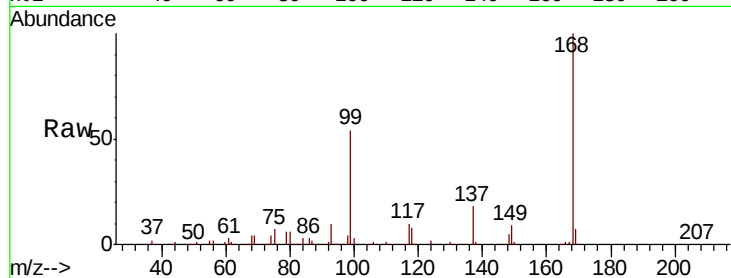




#36
 1,1-Dichloropropene
 Concen: 4.258 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.13 min
 Lab File: VY000438.D
 Acq: 25 Oct 2019 18:48

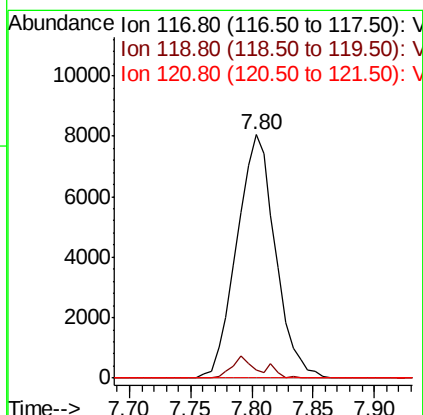
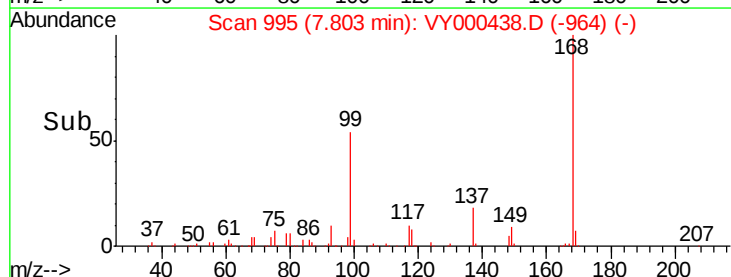
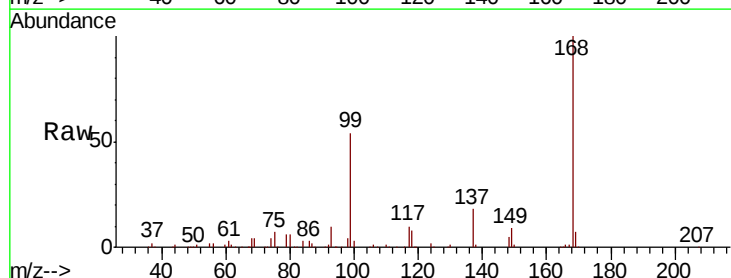
Instrument :
 MSVOA_Y
 ClientSampleId :

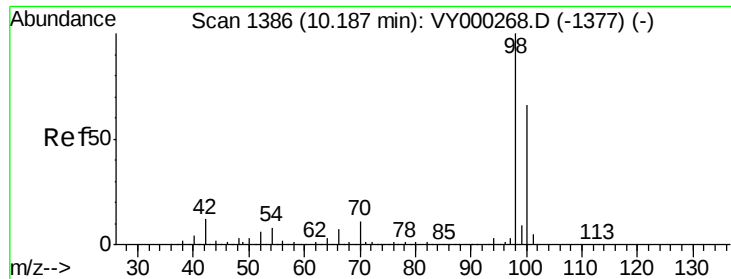
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.0	18.4	55.4#
77	0.0	25.0	37.6#



#38
 Carbon Tetrachloride
 Concen: 5.791 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.11 min
 Lab File: VY000438.D
 Acq: 25 Oct 2019 18:48

Tgt Ion	Ratio	Lower	Upper
117	100		
119	3.5	72.8	109.2#
121	0.0	22.2	33.2#





#50

Toluene-d8

Concen: 49.615 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.00 min

Lab File: VY000438.D

Acq: 25 Oct 2019 18:48

Instrument :

MSVOA_Y

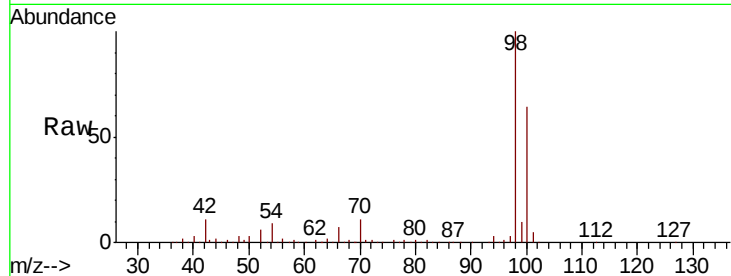
ClientSampled :

Tot Ion: 98 Resp: 368553

Ion Ratio Lower Upper

98 100

100 66.5 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

250000

200000

150000

100000

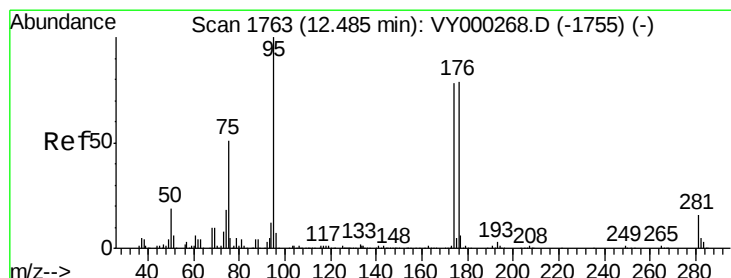
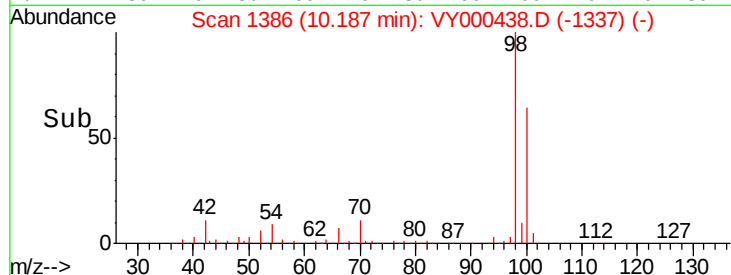
50000

0

10.10

10.20

Time-->



#62

4-Bromofluorobenzene

Concen: 39.548 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY000438.D

Acq: 25 Oct 2019 18:48

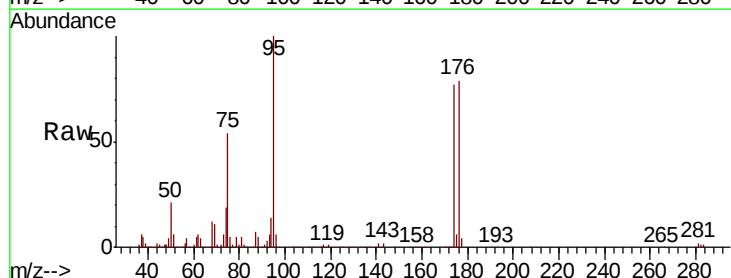
Tgt Ion: 95 Resp: 111606

Ion Ratio Lower Upper

95 100

174 82.9 0.0 159.6

176 82.5 0.0 153.8



Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

100000

80000

60000

40000

20000

0

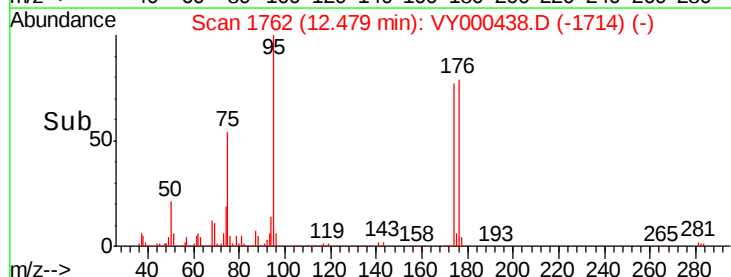
12.40

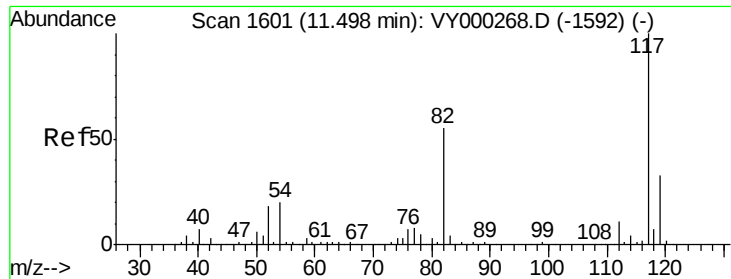
12.45

12.50

12.55

Time-->

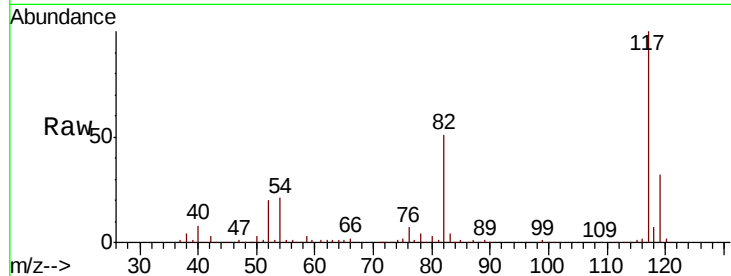




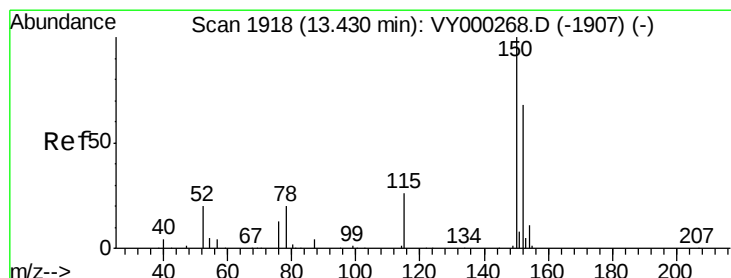
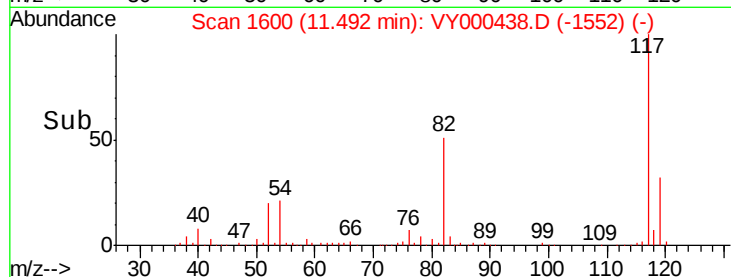
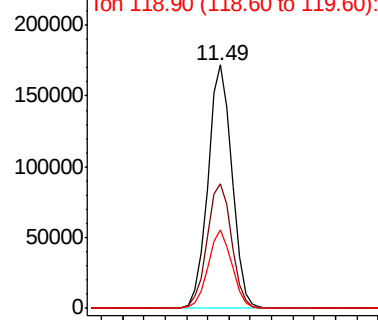
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000438.D
Acq: 25 Oct 2019 18:48

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:117 Resp: 272015
Ion Ratio Lower Upper
117 100
82 51.4 43.7 65.5
119 32.4 26.6 39.8

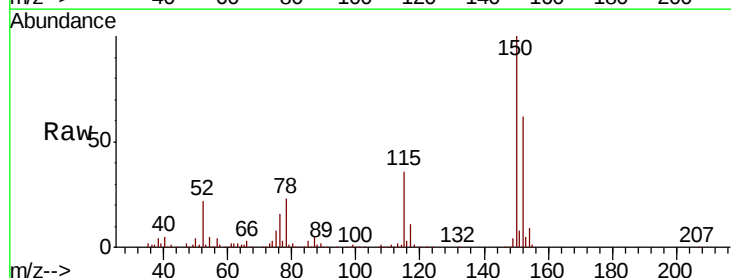


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

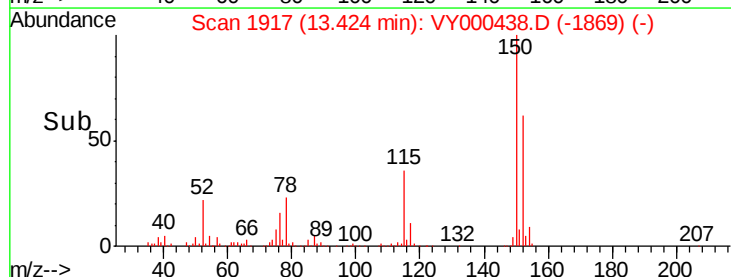
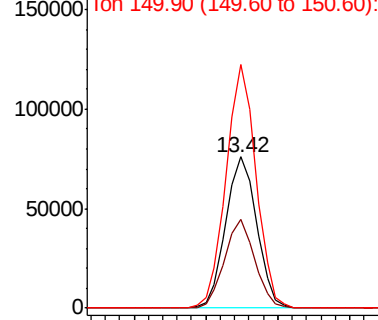


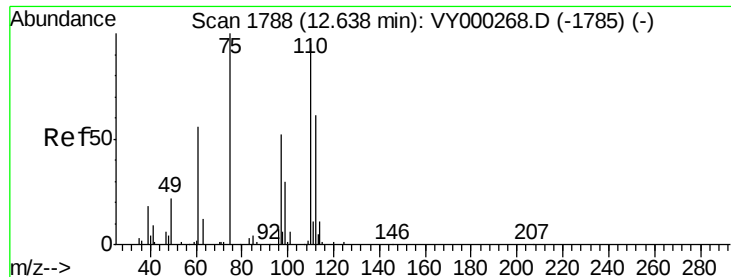
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000438.D
Acq: 25 Oct 2019 18:48

Tgt Ion:152 Resp: 113075
Ion Ratio Lower Upper
152 100
115 57.2 29.3 88.0
150 155.3 0.0 348.4



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

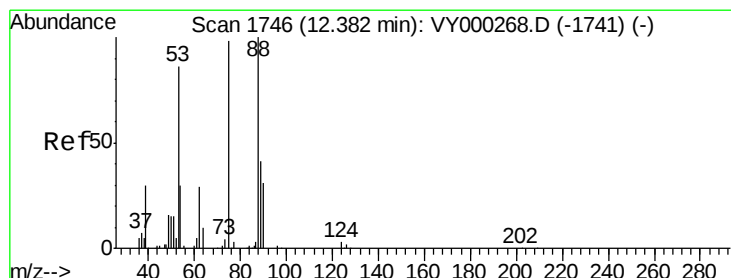
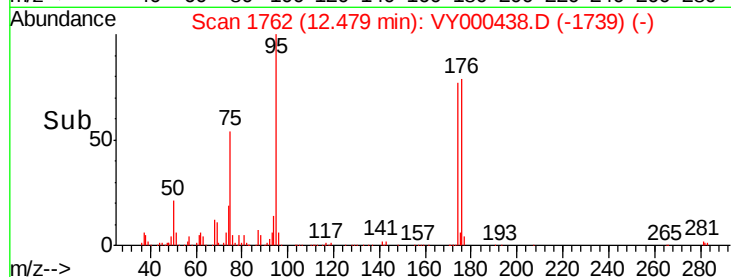
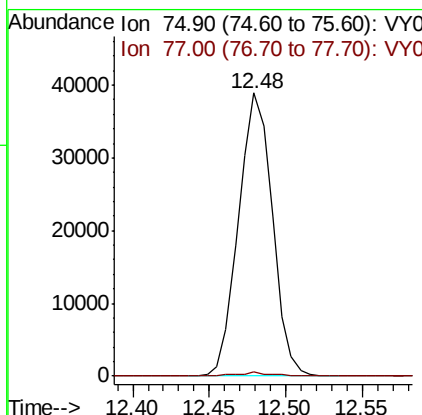
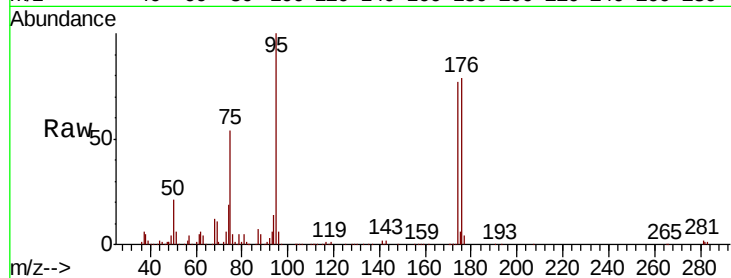




#76
 1,2,3-Trichloropropane
 Concen: 43.004 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.16 min
 Lab File: VY000438.D
 Acq: 25 Oct 2019 18:48

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 75 Resp: 59794
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 94.091 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.10 min
 Lab File: VY000438.D
 Acq: 25 Oct 2019 18:48

Tgt Ion: 75 Resp: 59794
 Ion Ratio Lower Upper
 75 100
 53 0.0 71.3 106.9#
 89 0.1 35.1 52.7#

