

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110819\
 Data File : VY000632.D
 Acq On : 08 Nov 2019 20:45
 Operator : SY/MD
 Sample : K5722-07
 Misc : 6.45G/5ML/MSVOA Y/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 5-C

Quant Time: Nov 11 07:22:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

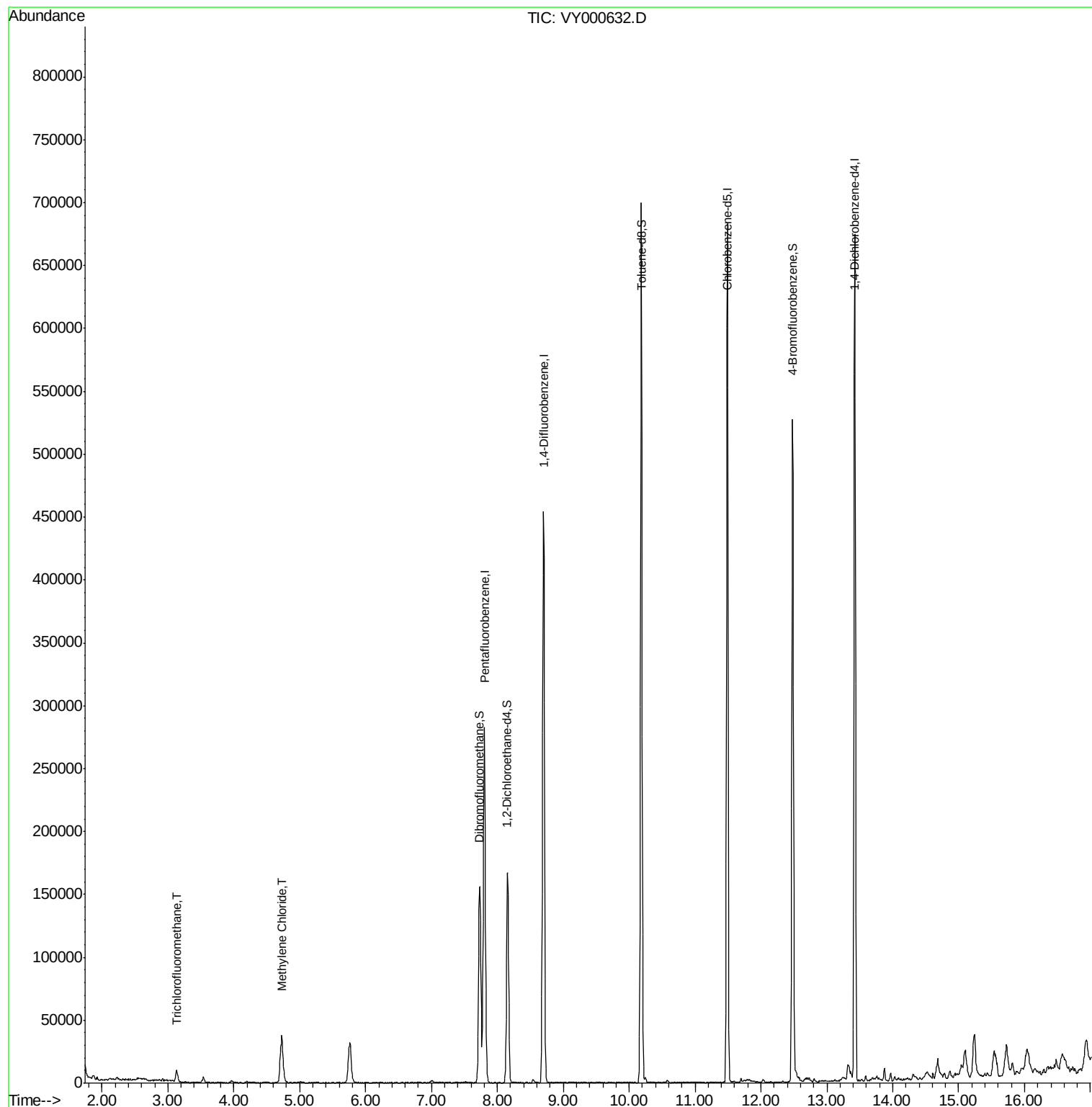
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	210092	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	380046	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	352405	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	157994	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	131779	60.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.22%	
35) Dibromofluoromethane	7.73	113	109990	49.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.60%	
50) Toluene-d8	10.18	98	452166	53.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.82%	
62) 4-Bromofluorobenzene	12.48	95	155893	48.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.74%	
Target Compounds						
7) Trichlorofluoromethane	3.13	101	9723	2.721	ug/l	95
20) Methylene Chloride	4.72	84	26791	10.434	ug/l	93

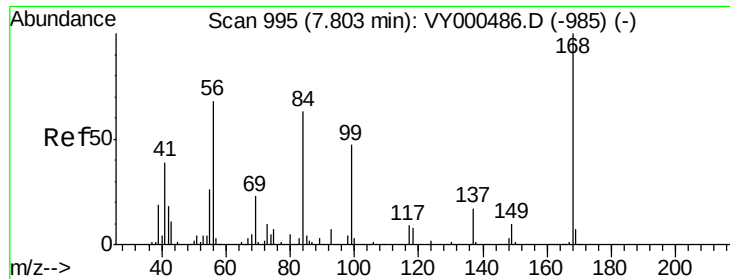
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000632.D

Acq: 08 Nov 2019 20:45

Instrument :

MSVOA_Y

ClientSampleId :

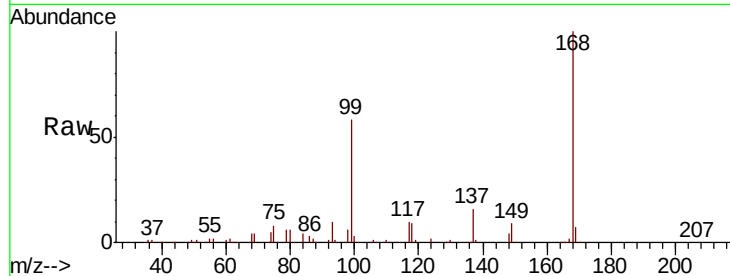
5-C

Tot Ion:168 Resp: 210092

Ion Ratio Lower Upper

168 100

99 57.9 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VY0

7.80

100000

80000

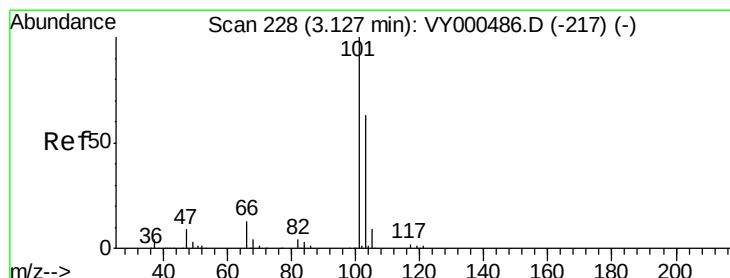
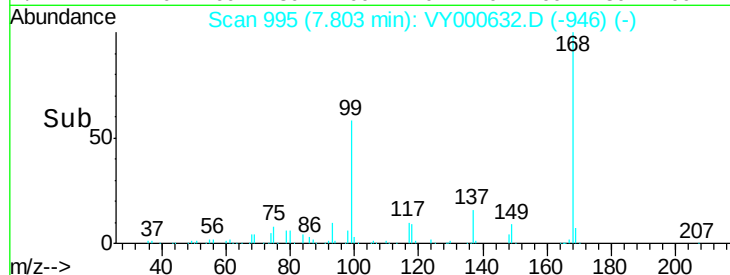
60000

40000

20000

0

Time-->



#7

Trichlorofluoromethane

Concen: 2.721 ug/l

RT: 3.13 min Scan# 229

Delta R.T. 0.01 min

Lab File: VY000632.D

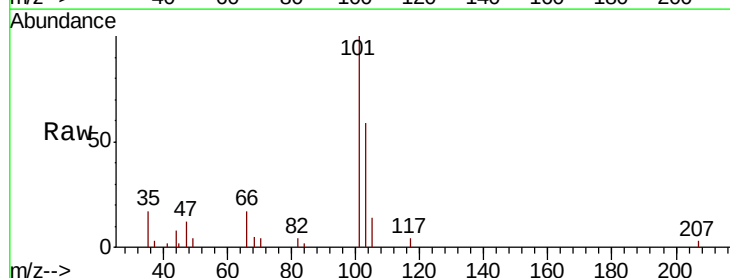
Acq: 08 Nov 2019 20:45

Tgt Ion:101 Resp: 9723

Ion Ratio Lower Upper

101 100

103 58.9 50.5 75.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

3.13

4000

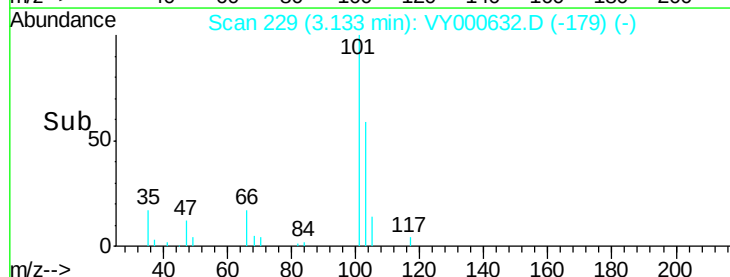
3000

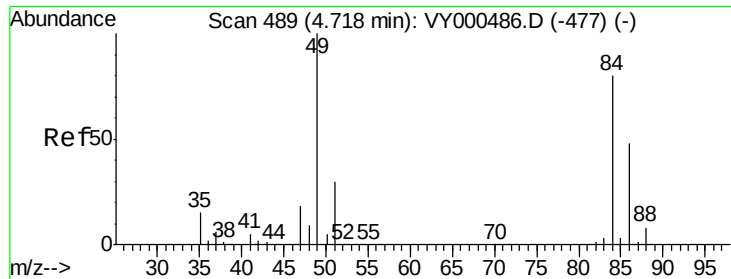
2000

1000

0

Time-->

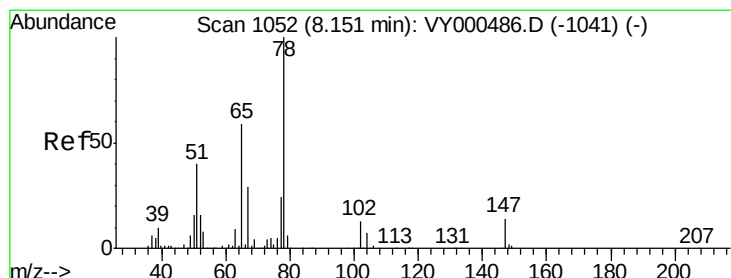
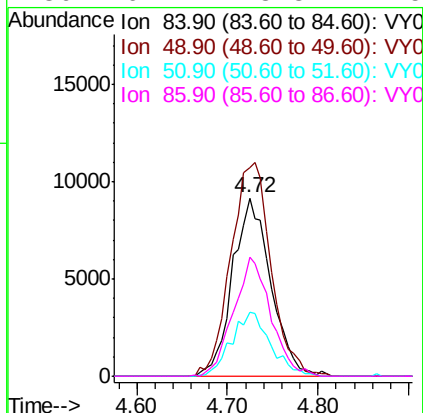
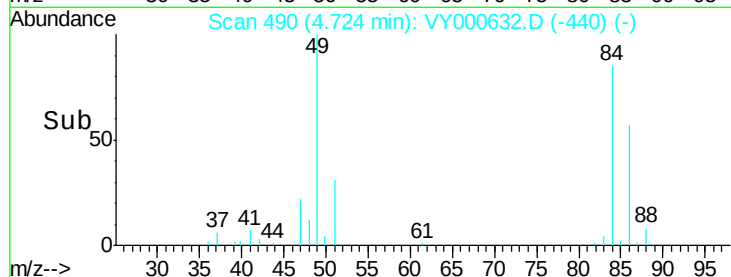
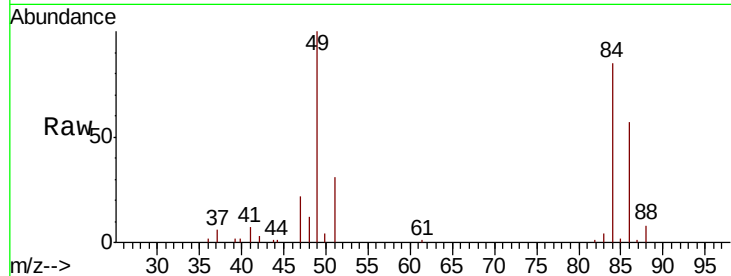




#20
Methylene Chloride
Concen: 10.434 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.01 min
Lab File: VY000632.D
Acq: 08 Nov 2019 20:45

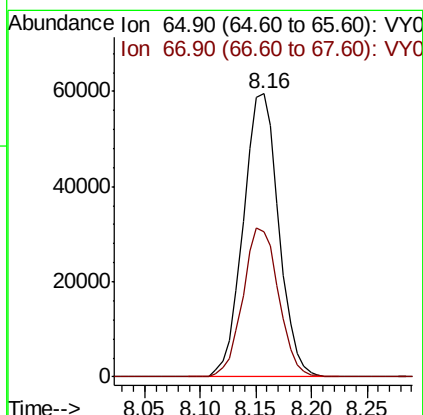
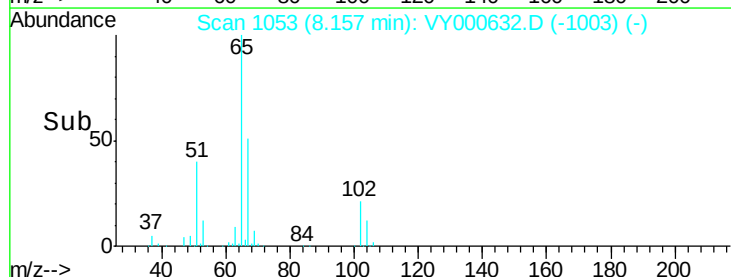
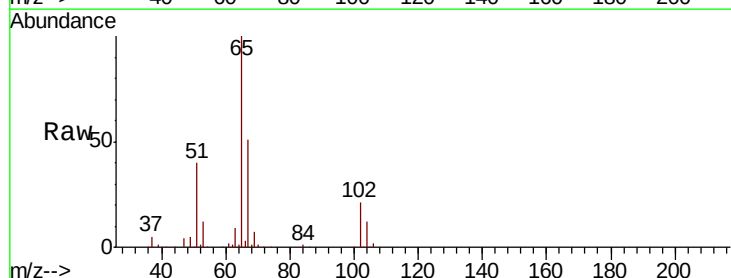
Instrument :
MSVOA_Y
ClientSampled :
5-C

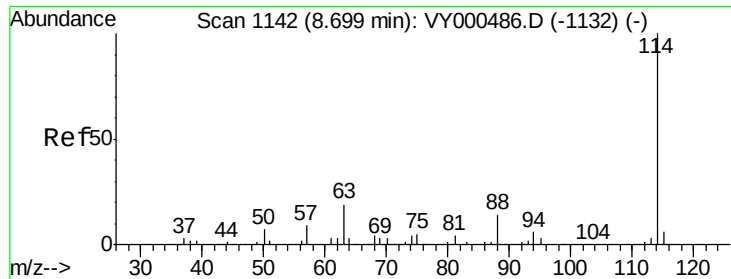
Tot Ion:	84	Resp:	26791
Ion	Ratio	Lower	Upper
84	100		
49	117.3	100.2	150.4
51	35.8	29.6	44.4
86	67.2	48.3	72.5



#33
1,2-Dichloroethane-d4
Concen: 60.611 ug/l
RT: 8.16 min Scan# 1053
Delta R.T. 0.01 min
Lab File: VY000632.D
Acq: 08 Nov 2019 20:45

Tgt Ion:	65	Resp:	131779
Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	107.2

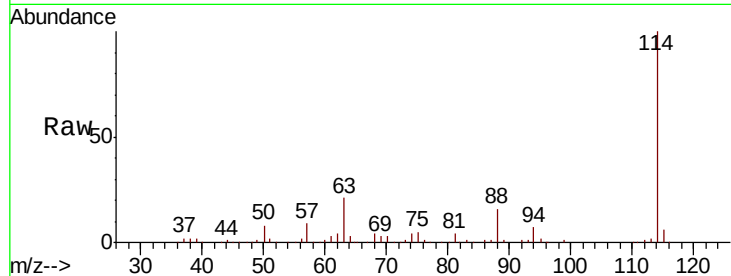




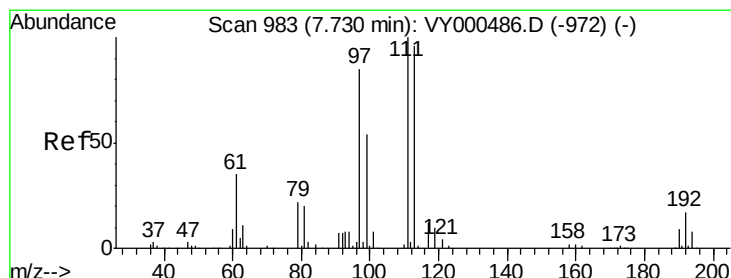
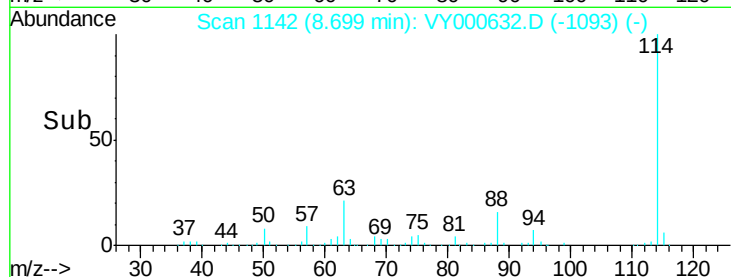
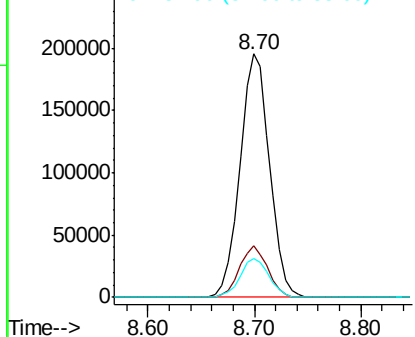
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VY000632.D
 Acq: 08 Nov 2019 20:45

Instrument :
 MSVOA_Y
 ClientSampled :
 5-C

Tot Ion:114 Resp: 380046
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 38.0
 88 16.1 0.0 28.6

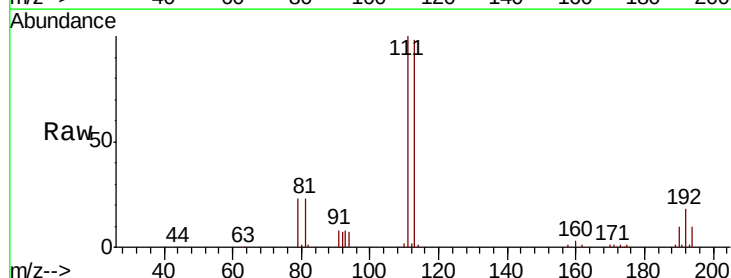


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

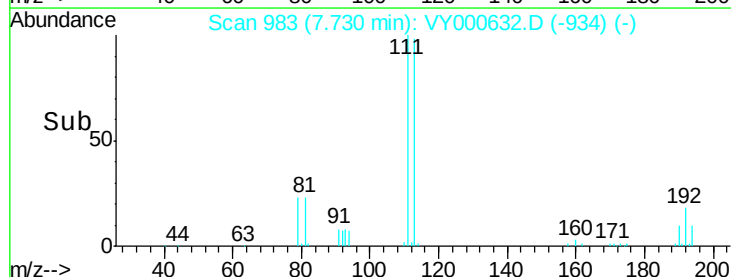
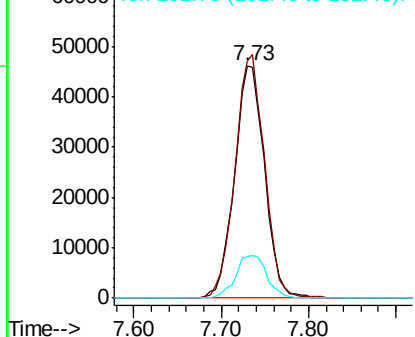


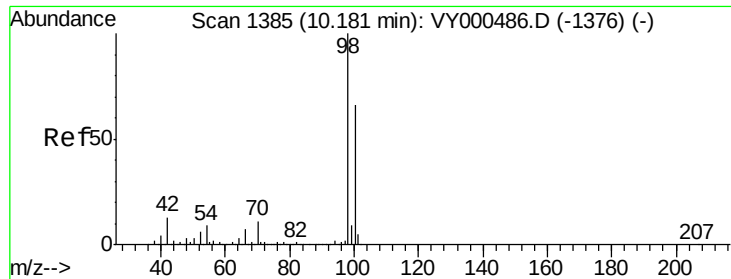
#35
 Dibromofluoromethane
 Concen: 49.298 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000632.D
 Acq: 08 Nov 2019 20:45

Tgt Ion:113 Resp: 109990
 Ion Ratio Lower Upper
 113 100
 111 103.2 81.7 122.5
 192 19.1 15.0 22.4



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





#50

Toluene-d8

Concen: 53.410 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000632.D

Acq: 08 Nov 2019 20:45

Instrument :

MSVOA_Y

ClientSampleId :

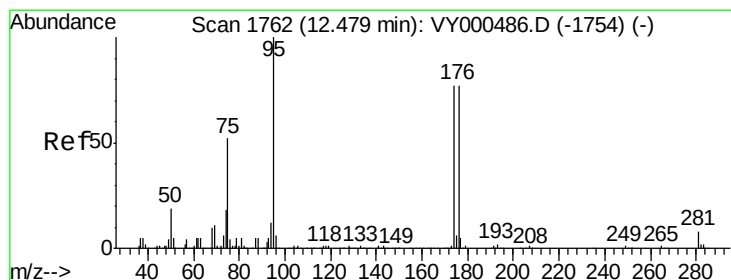
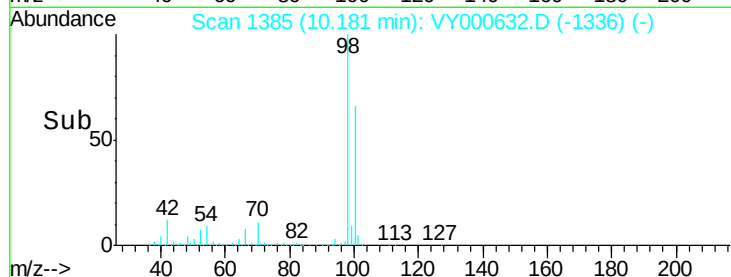
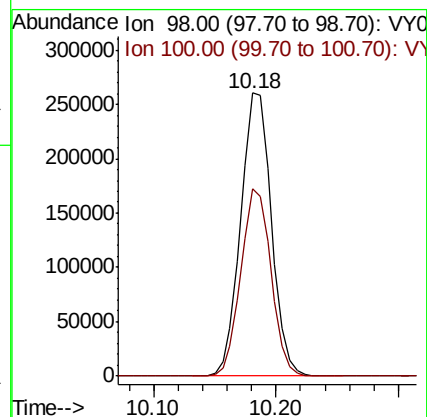
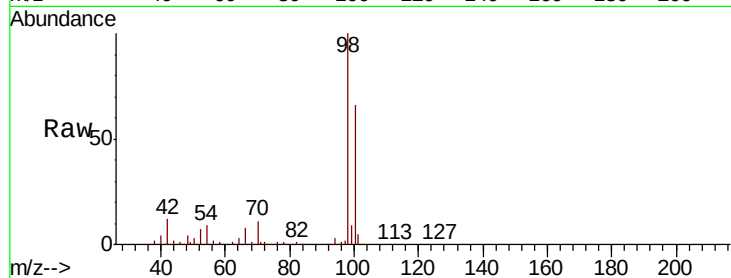
5-C

Tot Ion: 98 Resp: 452166

Ion Ratio Lower Upper

98 100

100 65.1 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 48.370 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000632.D

Acq: 08 Nov 2019 20:45

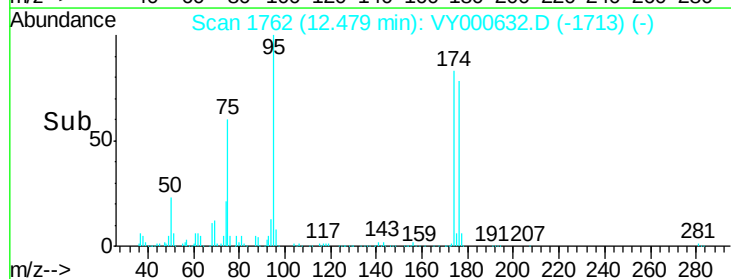
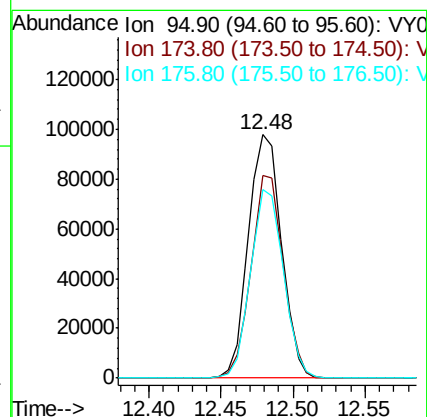
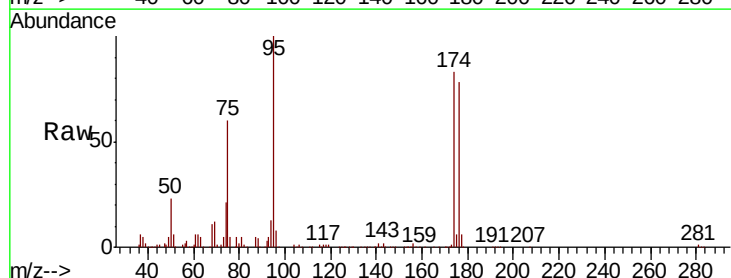
Tgt Ion: 95 Resp: 155893

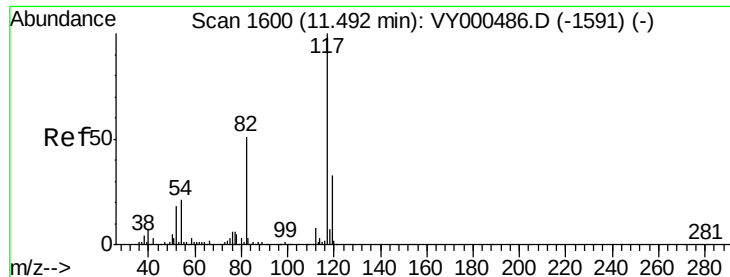
Ion Ratio Lower Upper

95 100

174 80.8 0.0 161.6

176 76.7 0.0 157.8

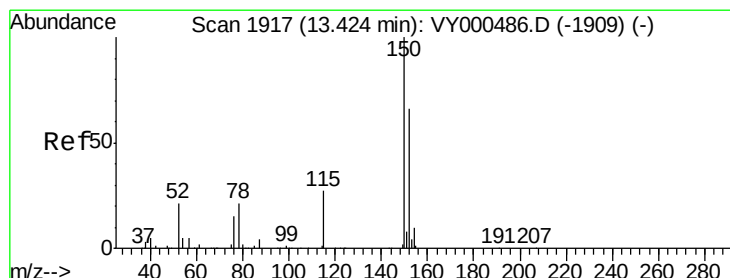
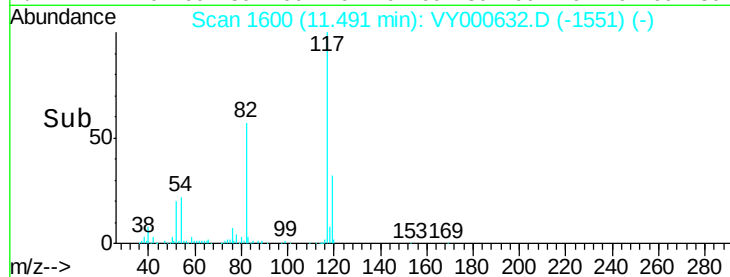
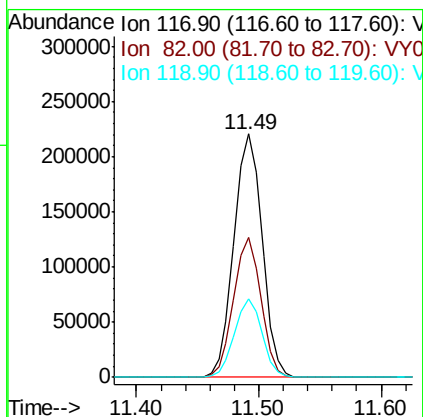
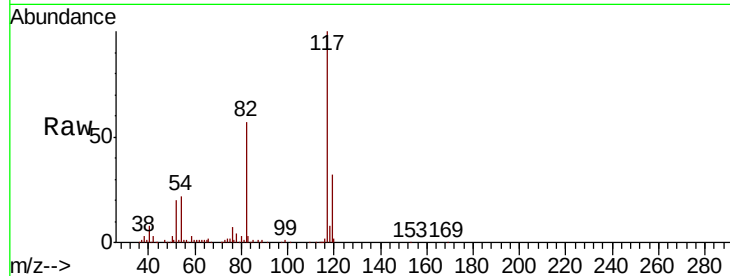




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000632.D
Acq: 08 Nov 2019 20:45

Instrument :
MSVOA_Y
ClientSampled :
5-C

Tot Ion:117 Resp: 352405
Ion Ratio Lower Upper
117 100
82 57.4 40.8 61.2
119 32.2 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000632.D
Acq: 08 Nov 2019 20:45

Tgt Ion:152 Resp: 157994
Ion Ratio Lower Upper
152 100
115 59.6 29.1 87.4
150 157.1 0.0 348.8

