

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY110619\
 Data File : VY000546.D
 Acq On : 06 Nov 2019 13:19
 Operator : SY/MD
 Sample : K5671-01
 Misc : 7.53G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-02-110519

Quant Time: Nov 07 05:55:22 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

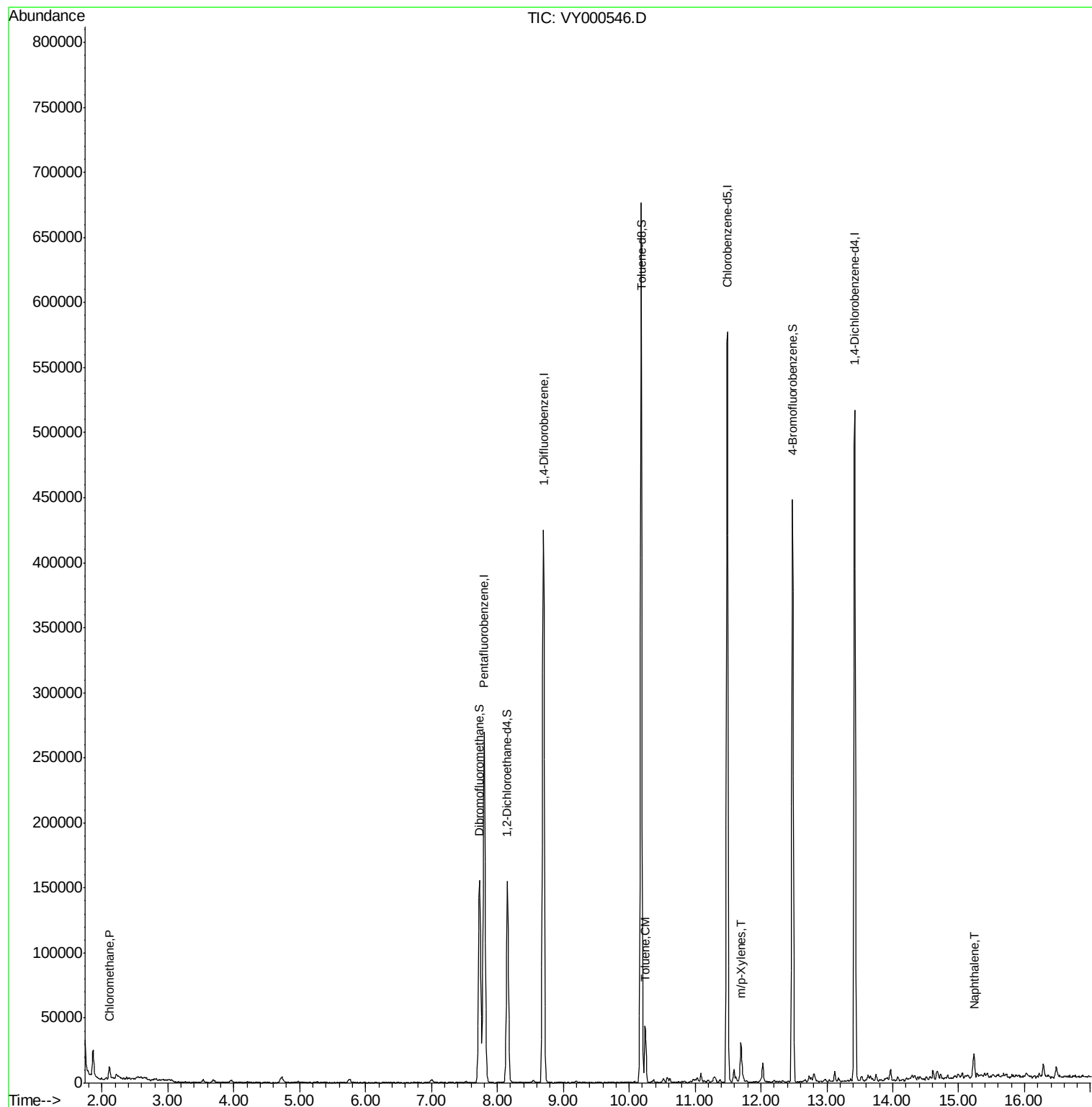
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	206398	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	365440	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	309244	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	129378	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	118524	55.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.98%	
35) Dibromofluoromethane	7.73	113	108930	50.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.54%	
50) Toluene-d8	10.18	98	419087	51.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.96%	
62) 4-Bromofluorobenzene	12.48	95	131599	42.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.92%	
Target Compounds						
3) Chloromethane	2.11	50	8594	3.071	ug/l	97
52) Toluene	10.25	92	17182	2.683	ug/l	100
68) m/p-Xylenes	11.70	106	8689	1.946	ug/l	93
95) Naphthalene	15.23	128	13236	2.272	ug/l	98

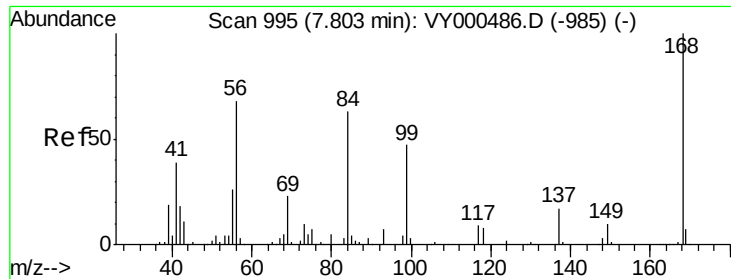
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY000546.D

Acq: 06 Nov 2019 13:19

Instrument :

MSVOA_Y

ClientSampleId :

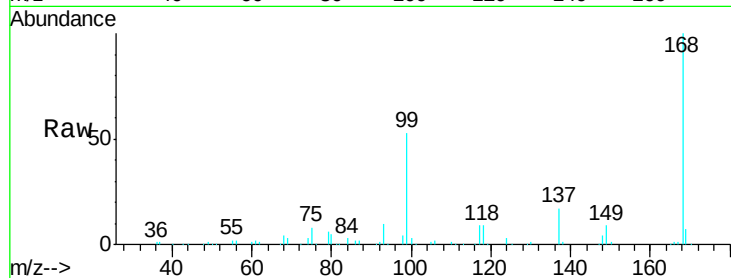
OR-02-110519

Tgt Ion:168 Resp: 206398

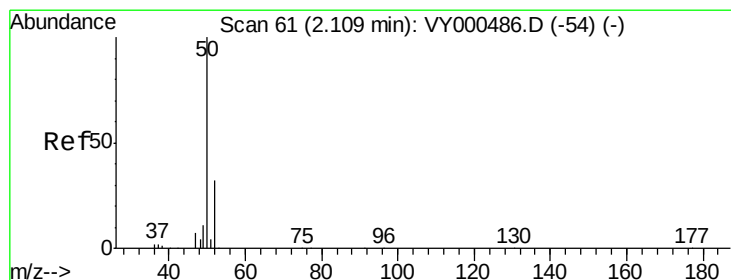
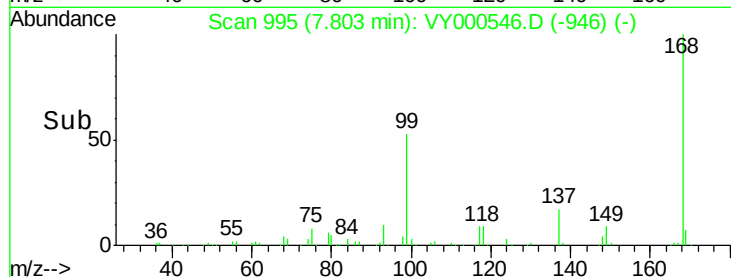
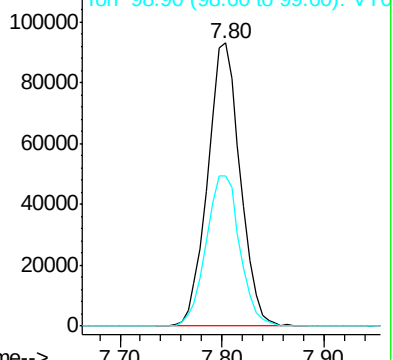
Ion Ratio Lower Upper

168 100

99 52.9 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): VY000546.D (-946) (-)



#3

Chloromethane

Concen: 3.071 ug/l

RT: 2.11 min Scan# 61

Delta R.T. 0.00 min

Lab File: VY000546.D

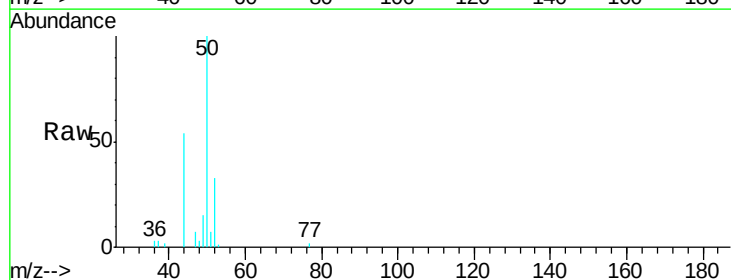
Acq: 06 Nov 2019 13:19

Tgt Ion: 50 Resp: 8594

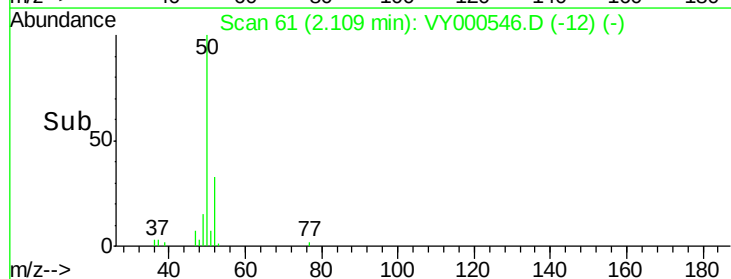
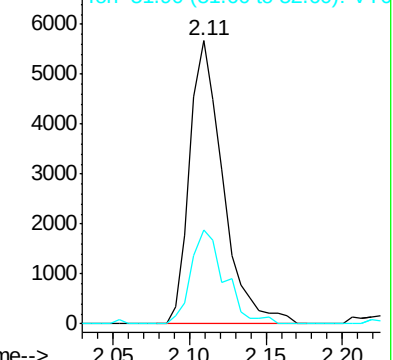
Ion Ratio Lower Upper

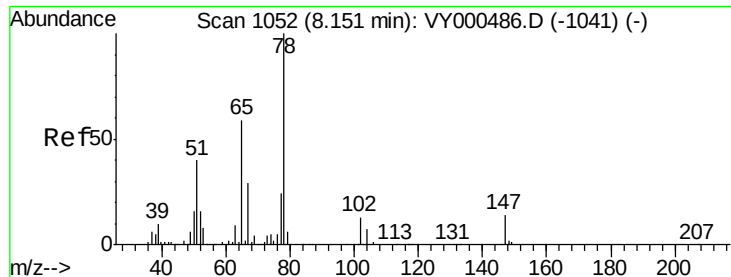
50 100

52 33.4 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VY000546.D (-12) (-)

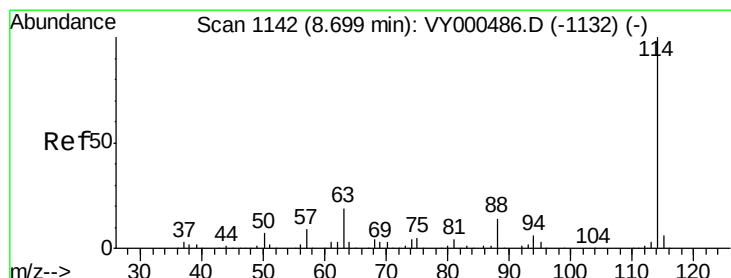
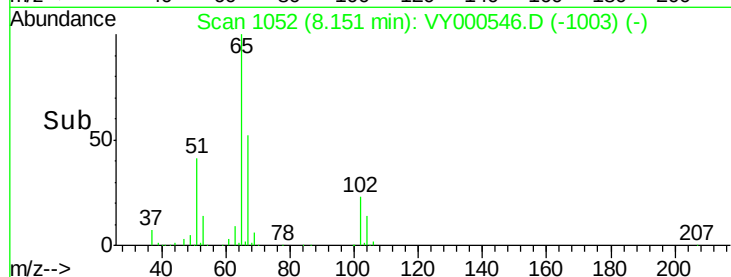
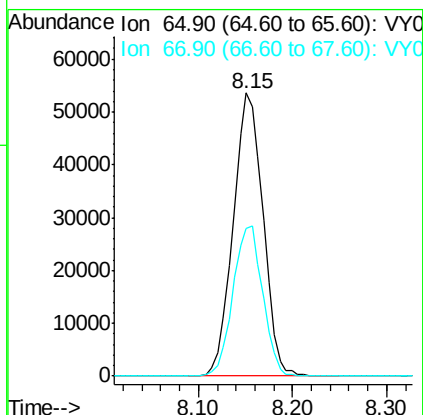
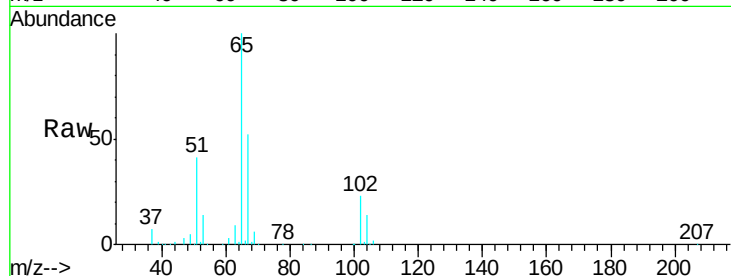




#33
 1,2-Dichloroethane-d4
 Concen: 55.490 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY000546.D
 Acq: 06 Nov 2019 13:19

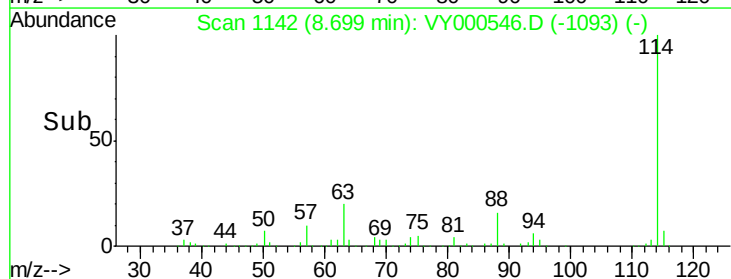
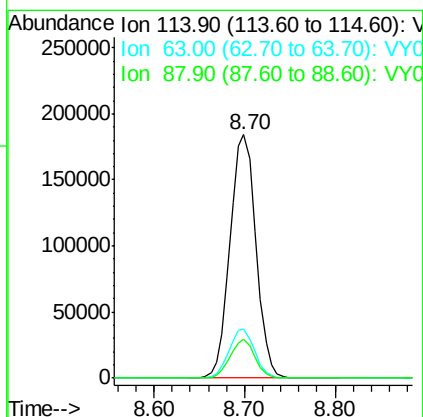
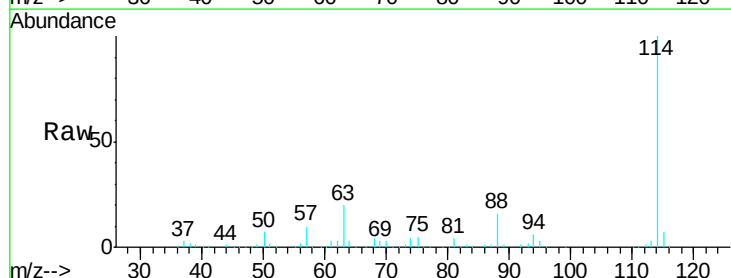
Instrument :
 MSVOA_Y
 ClientSampled :
 OR-02-110519

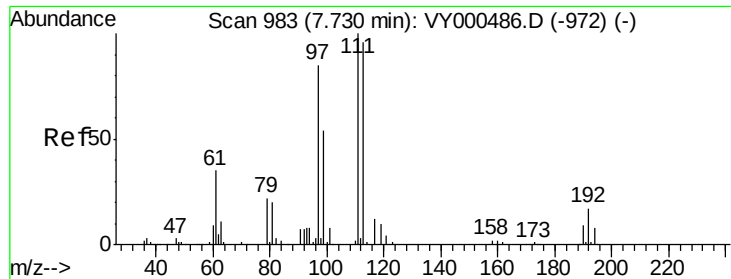
Tgt Ion: 65 Resp: 118524
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.00 min
 Lab File: VY000546.D
 Acq: 06 Nov 2019 13:19

Tgt Ion: 114 Resp: 365440
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 38.0
 88 16.0 0.0 28.6

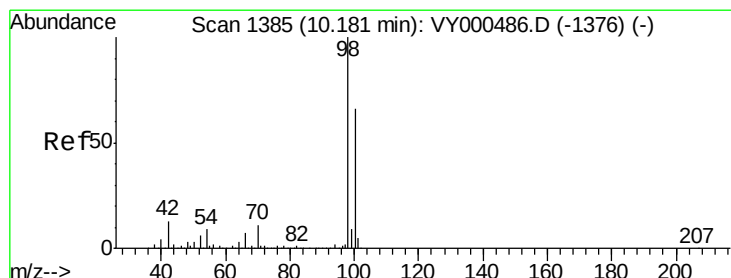
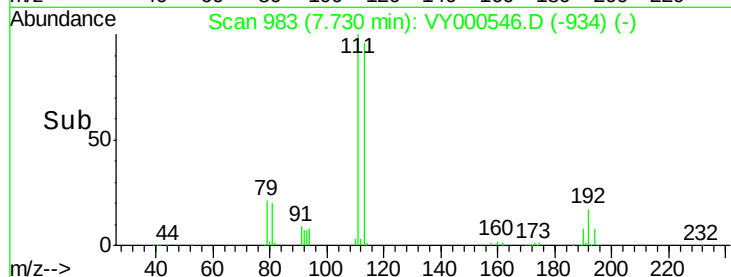
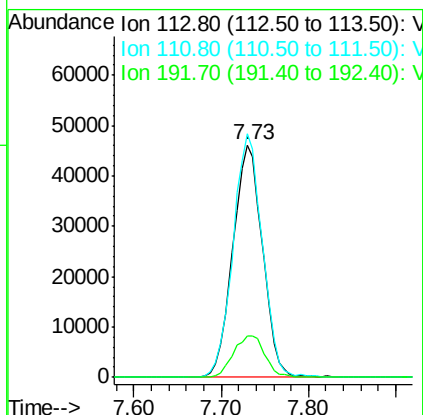
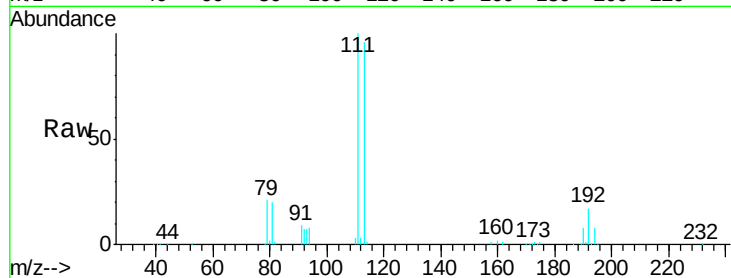




#35
Dibromofluoromethane
Concen: 50.774 ug/l
RT: 7.73 min Scan# 983
Delta R.T. 0.00 min
Lab File: VY000546.D
Acq: 06 Nov 2019 13:19

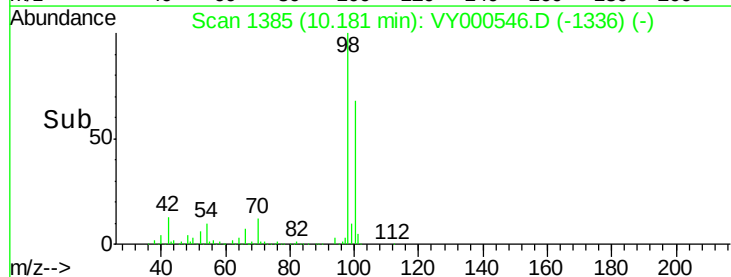
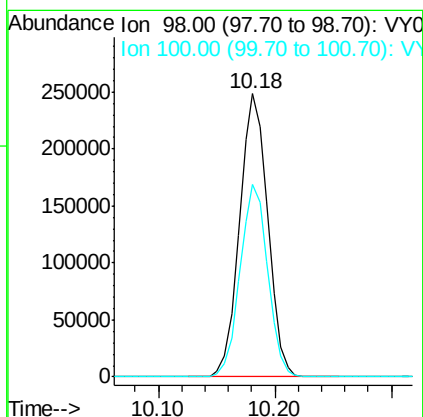
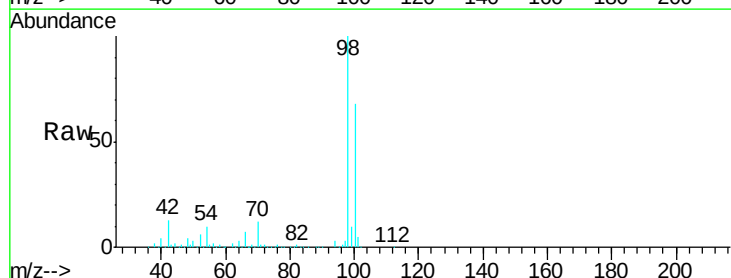
Instrument :
MSVOA_Y
ClientSampleId :
OR-02-110519

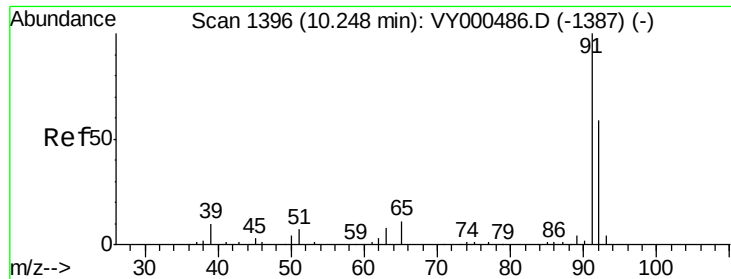
Tgt Ion:113 Resp: 108930
Ion Ratio Lower Upper
113 100
111 103.5 81.7 122.5
192 18.9 15.0 22.4



#50
Toluene-d8
Concen: 51.482 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY000546.D
Acq: 06 Nov 2019 13:19

Tgt Ion: 98 Resp: 419087
Ion Ratio Lower Upper
98 100
100 66.9 52.9 79.3





#52

Toluene

Concen: 2.683 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. 0.00 min

Lab File: VY000546.D

Acq: 06 Nov 2019 13:19

Instrument :

MSVOA_Y

ClientSampleId :

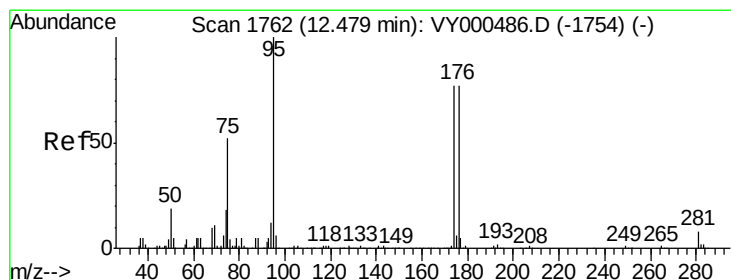
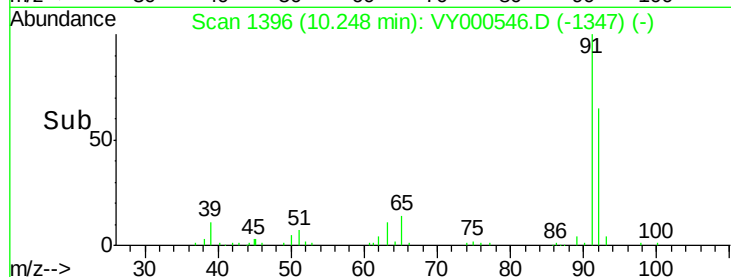
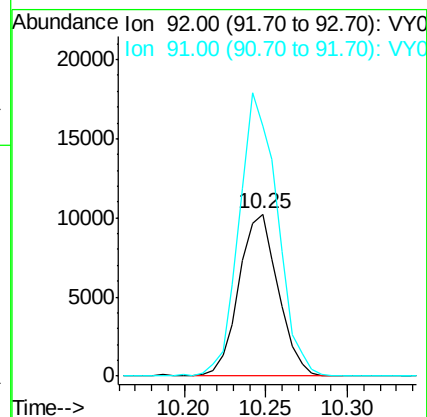
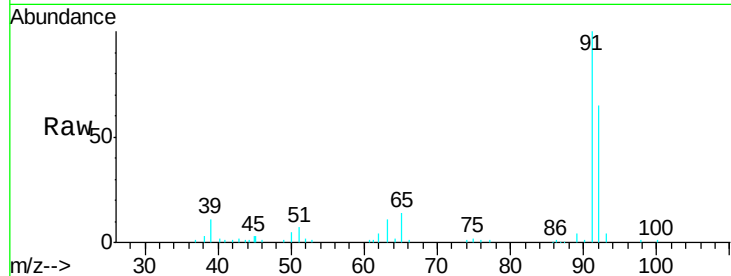
OR-02-110519

Tgt Ion: 92 Resp: 17182

Ion Ratio Lower Upper

92 100

91 170.8 136.3 204.5



#62

4-Bromofluorobenzene

Concen: 42.464 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY000546.D

Acq: 06 Nov 2019 13:19

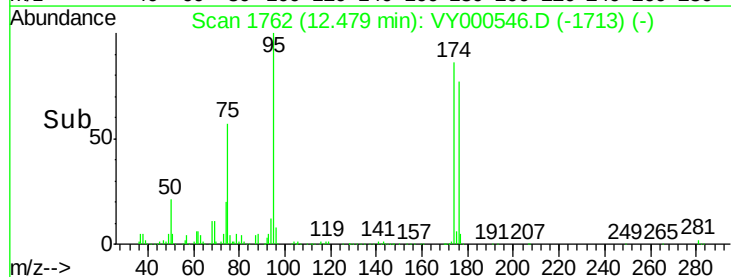
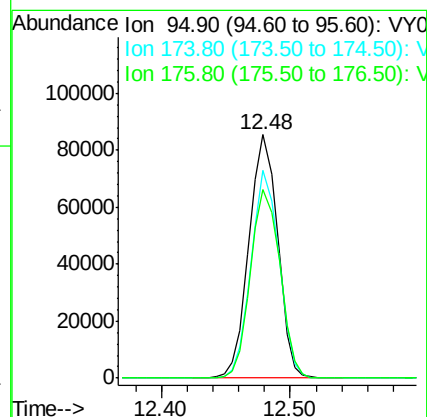
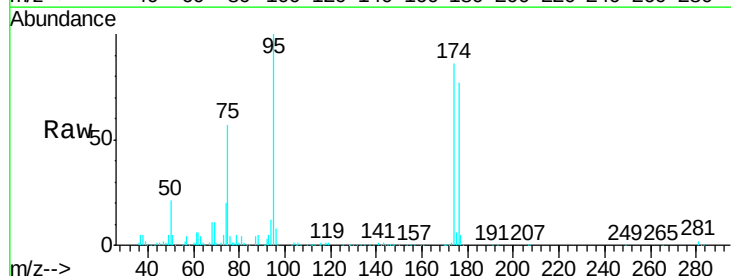
Tgt Ion: 95 Resp: 131599

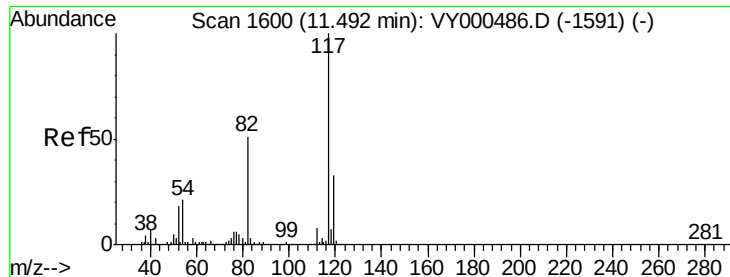
Ion Ratio Lower Upper

95 100

174 83.3 0.0 161.6

176 79.0 0.0 157.8

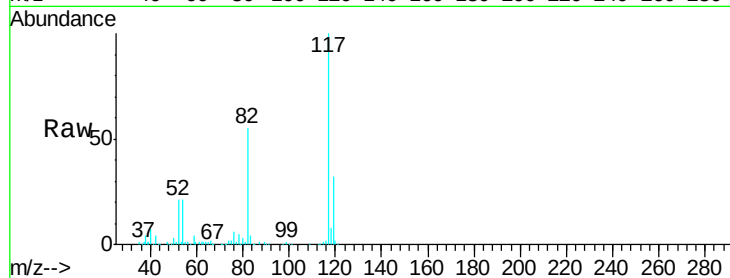




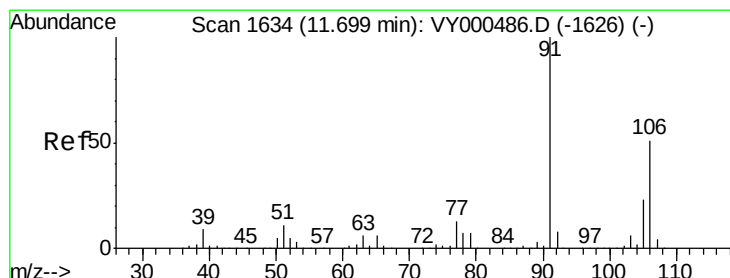
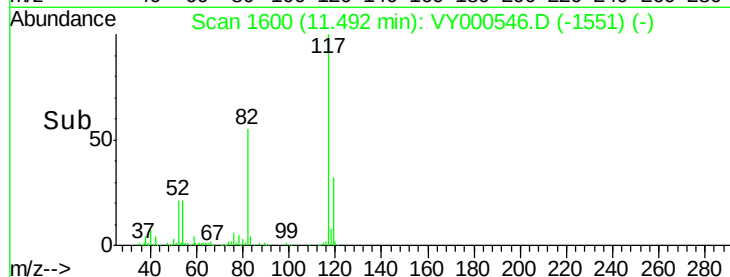
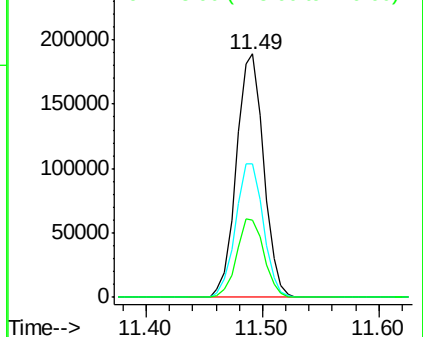
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY000546.D
Acq: 06 Nov 2019 13:19

Instrument :
MSVOA_Y
ClientSampleId :
OR-02-110519

Tgt Ion:117 Resp: 309244
Ion Ratio Lower Upper
117 100
82 54.6 40.8 61.2
119 31.7 26.2 39.2

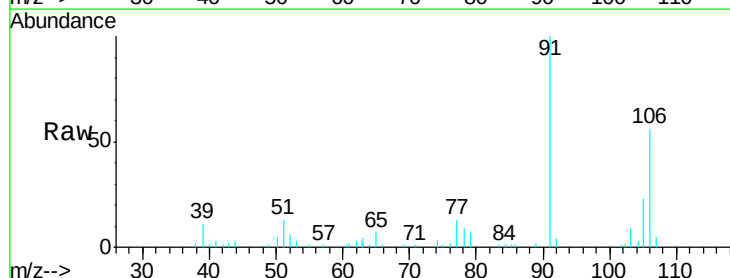


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

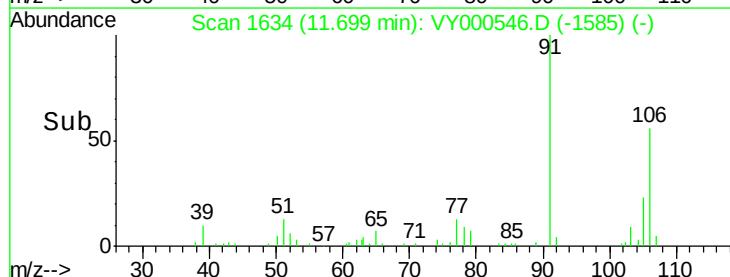
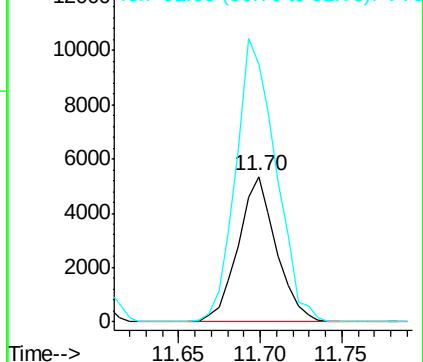


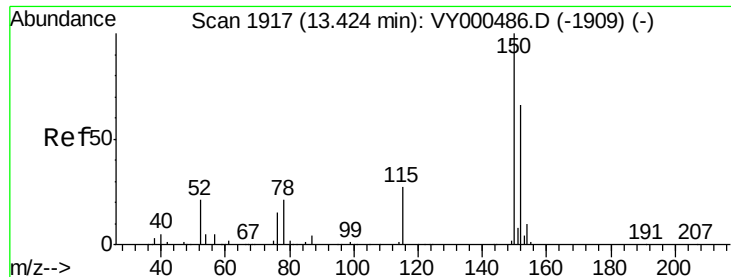
#68
m/p-Xylenes
Concen: 1.946 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY000546.D
Acq: 06 Nov 2019 13:19

Tgt Ion:106 Resp: 8689
Ion Ratio Lower Upper
106 100
91 204.7 155.9 233.9



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

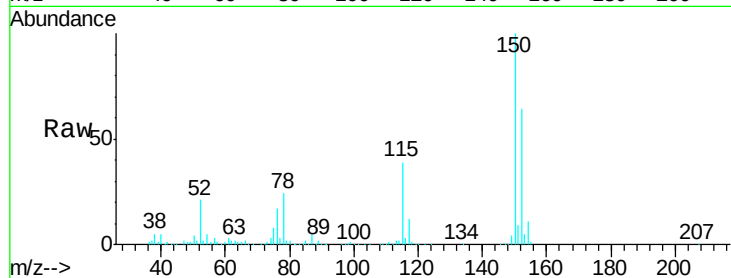




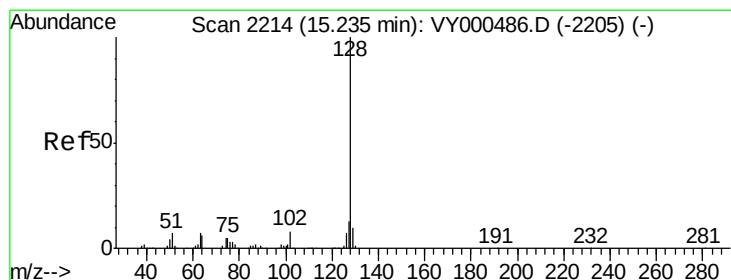
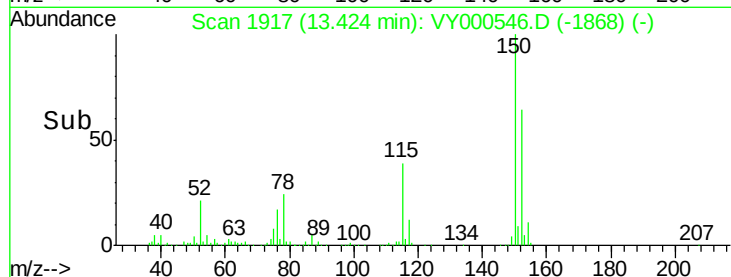
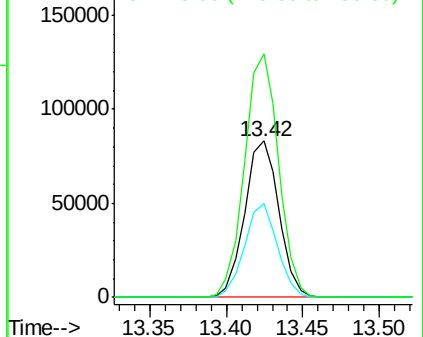
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.42 min Scan# 1917
 Delta R.T. 0.00 min
 Lab File: VY000546.D
 Acq: 06 Nov 2019 13:19

Instrument :
 MSVOA_Y
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 OR-02-110519

Tgt Ion:152 Resp: 129378
 Ion Ratio Lower Upper
 152 100
 115 57.7 29.1 87.4
 150 154.9 0.0 348.8

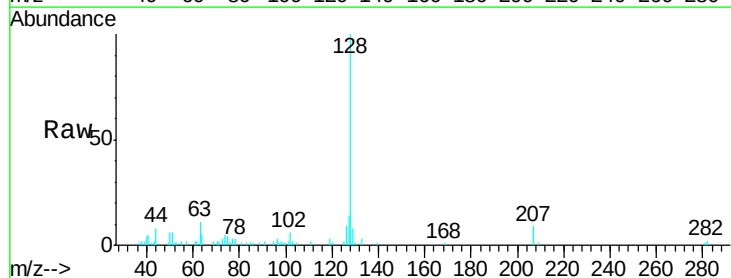


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V



#95
 Naphthalene
 Concen: 2.272 ug/l
 RT: 15.23 min Scan# 2214
 Delta R.T. 0.00 min
 Lab File: VY000546.D
 Acq: 06 Nov 2019 13:19

Tgt Ion:128 Resp: 13236
 Ion Ratio Lower Upper
 128 100
 127 13.6 9.8 14.6
 129 11.3 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V

