

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101419\
 Data File : VY000299.D
 Acq On : 14 Oct 2019 15:13
 Operator : SY/MD
 Sample : K5323-07RE
 Misc : 6.76g/5.00ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-4RE

Quant Time: Oct 15 02:00:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 14 08:10:23 2019
 Response via : Initial Calibration

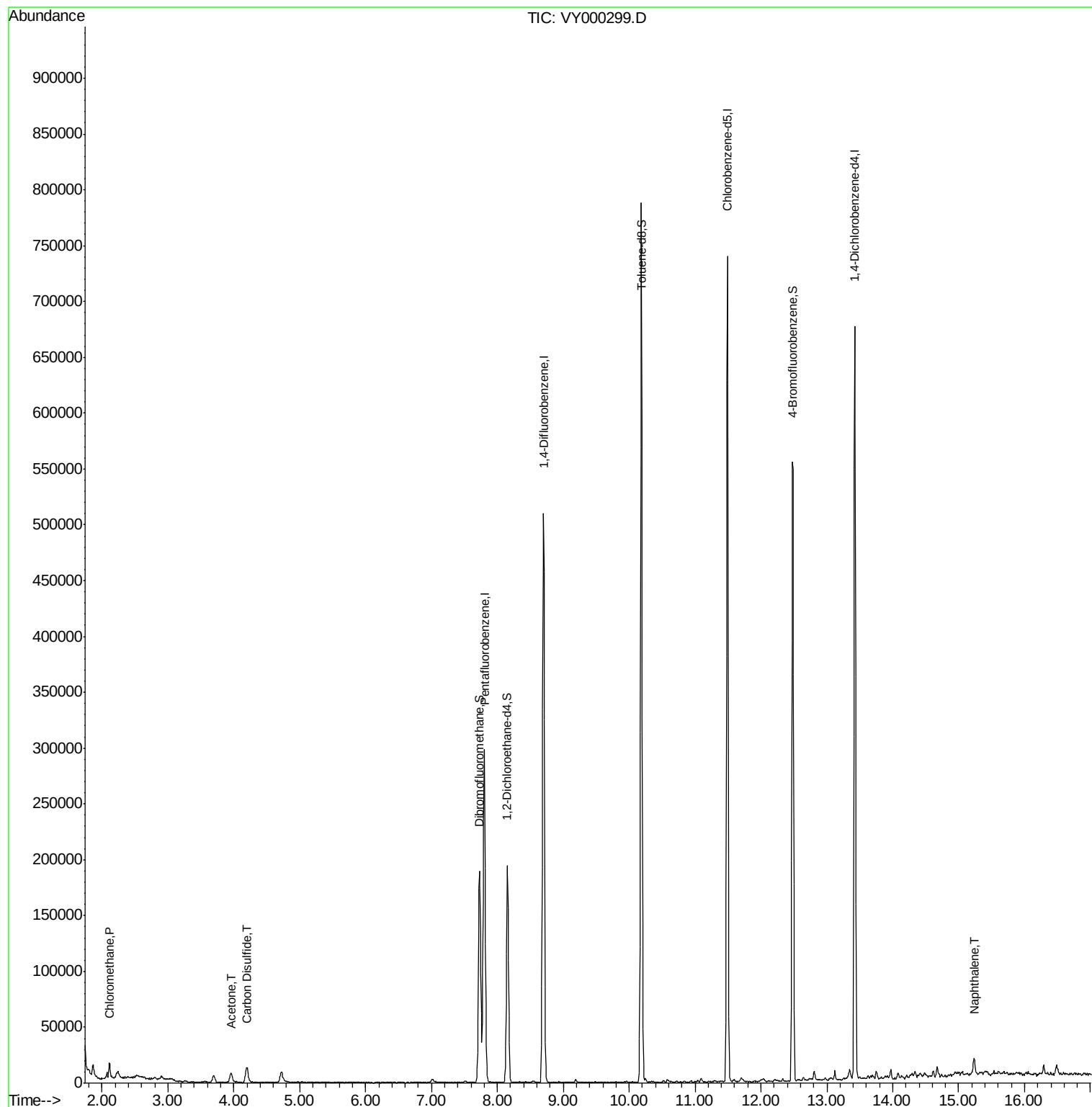
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	228758	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	440339	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	388311	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	162078	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	147383	61.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.16%	
35) Dibromofluoromethane	7.73	113	131694	49.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.16%	
50) Toluene-d8	10.19	98	514921	50.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.80%	
62) 4-Bromofluorobenzene	12.48	95	174978	45.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.16%	
Target Compounds						
3) Chloromethane	2.11	50	12167	4.353	ug/l	98
16) Acetone	3.96	43	14318	18.322	ug/l	95
17) Carbon Disulfide	4.19	76	27688	3.806	ug/l	96
95) Naphthalene	15.24	128	10849	1.393	ug/l #	93

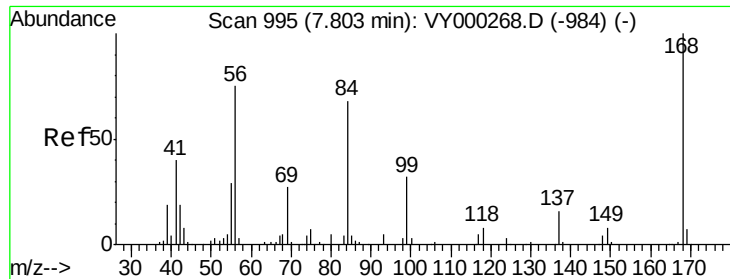
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY101419\
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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: VY000299.D

Acq: 14 Oct 2019 15:13

Instrument :

MSVOA_Y

ClientSampleId :

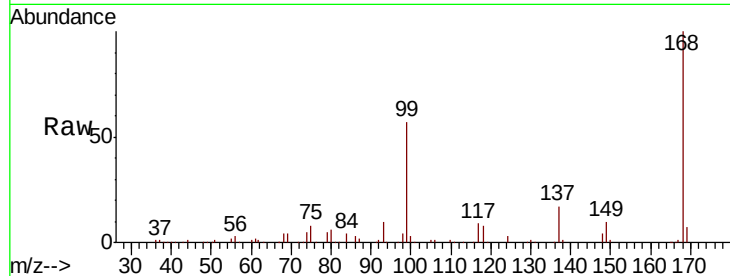
TP-4RE

Tot Ion:168 Resp: 228758

Ion Ratio Lower Upper

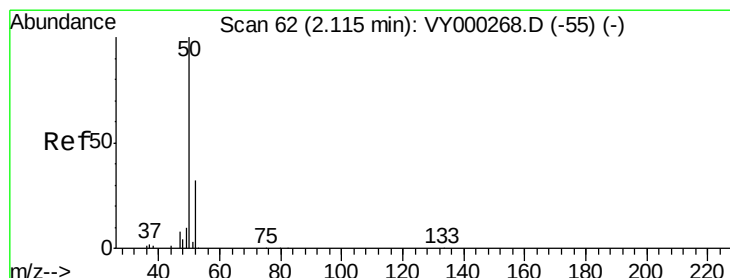
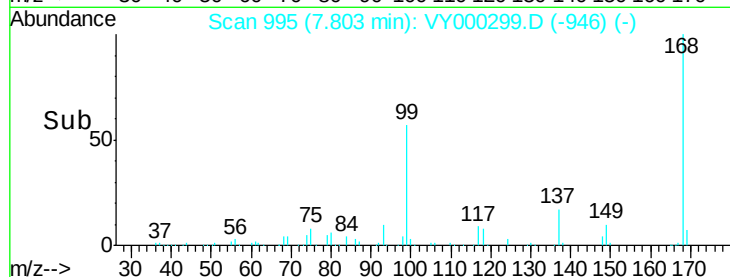
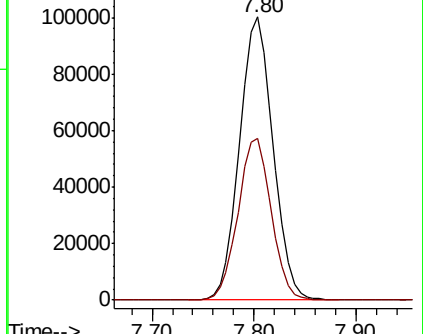
168 100

99 57.2 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VY000268.D (-984) (-)

Ion 98.90 (98.60 to 99.60): VY000299.D (-946) (-)



#3

Chloromethane

Concen: 4.353 ug/l

RT: 2.11 min Scan# 61

Delta R.T. -0.01 min

Lab File: VY000299.D

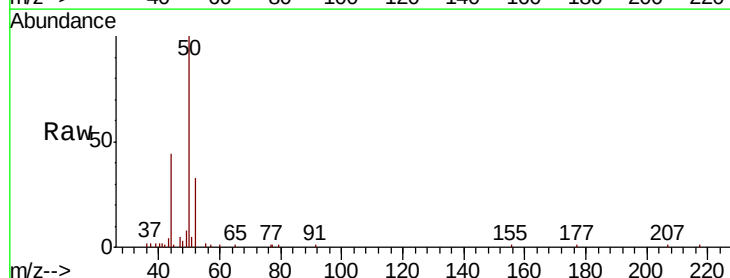
Acq: 14 Oct 2019 15:13

Tgt Ion: 50 Resp: 12167

Ion Ratio Lower Upper

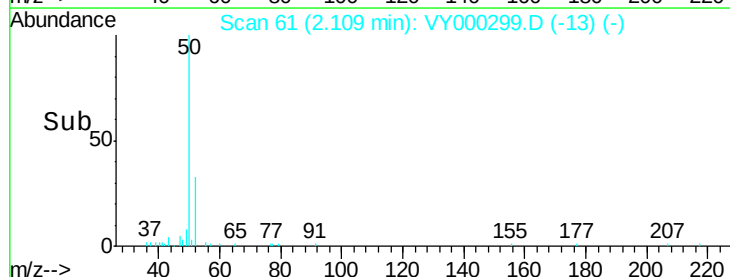
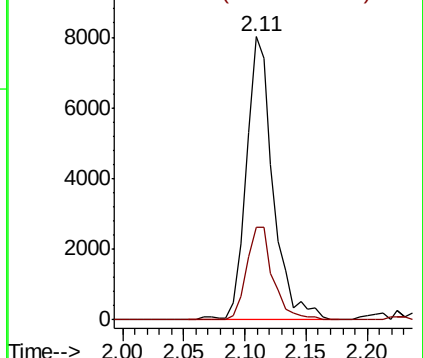
50 100

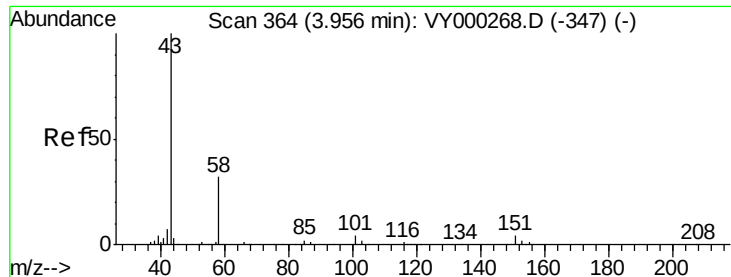
52 32.6 25.3 37.9



Abundance Ion 49.90 (49.60 to 50.60): VY000268.D (-55) (-)

Ion 51.90 (51.60 to 52.60): VY000299.D (-13) (-)





#16

Acetone

Concen: 18.322 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.00 min

Lab File: VY000299.D

Acq: 14 Oct 2019 15:13

Instrument :

MSVOA_Y

ClientSampleId :

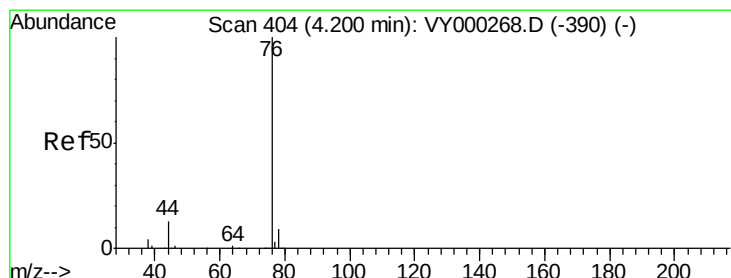
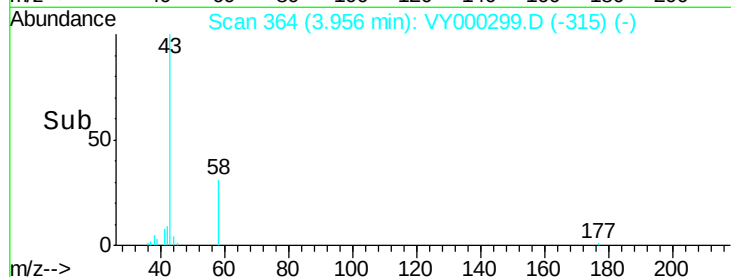
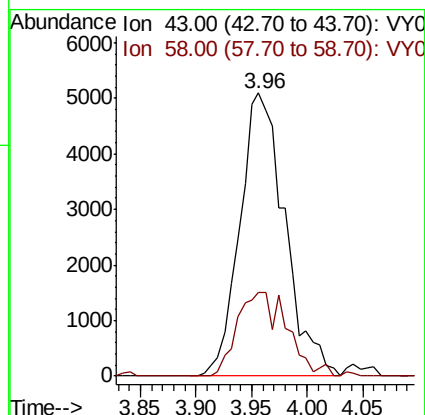
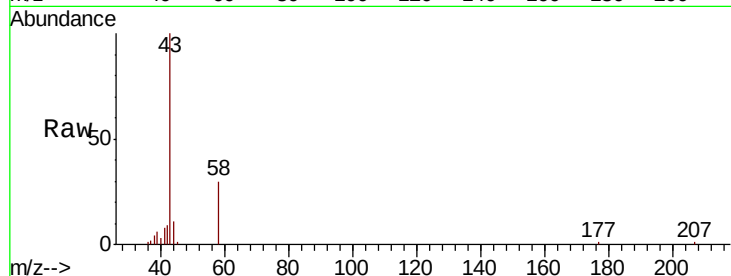
TP-4RE

Tot Ion: 43 Resp: 14318

Ion Ratio Lower Upper

43 100

58 29.5 25.8 38.6



#17

Carbon Disulfide

Concen: 3.806 ug/l

RT: 4.19 min Scan# 403

Delta R.T. -0.01 min

Lab File: VY000299.D

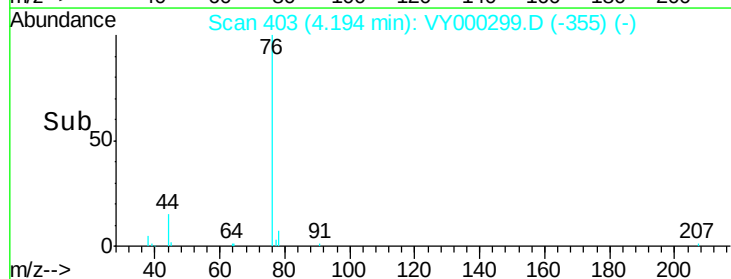
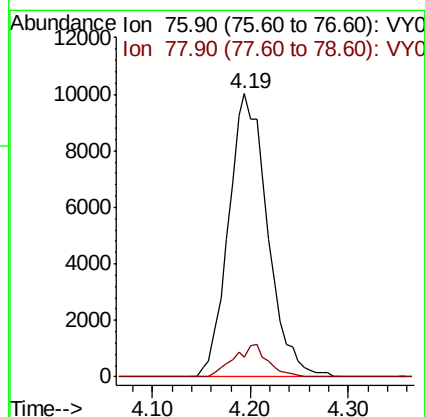
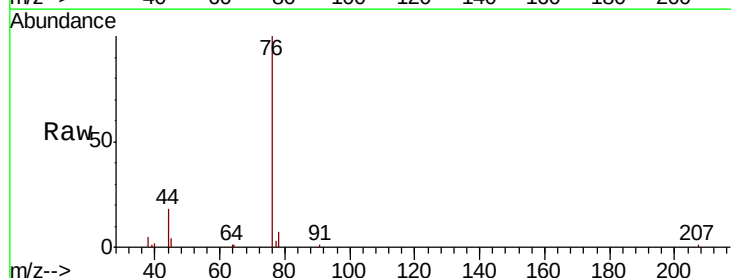
Acq: 14 Oct 2019 15:13

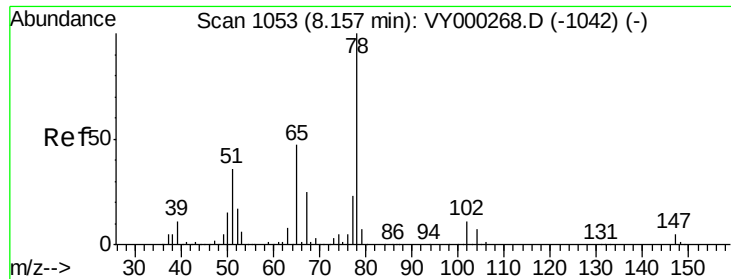
Tgt Ion: 76 Resp: 27688

Ion Ratio Lower Upper

76 100

78 7.2 7.0 10.4

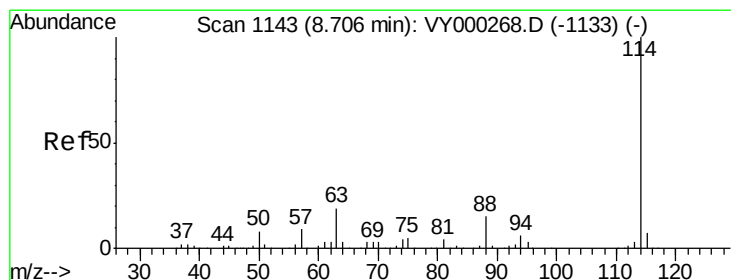
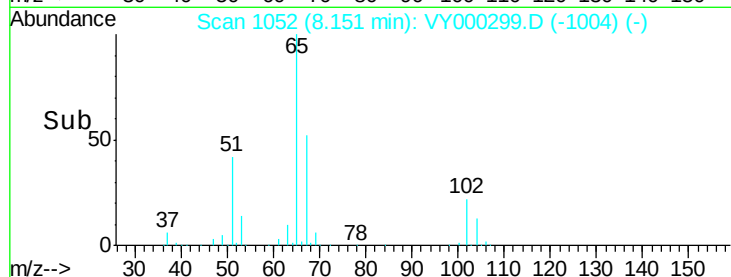
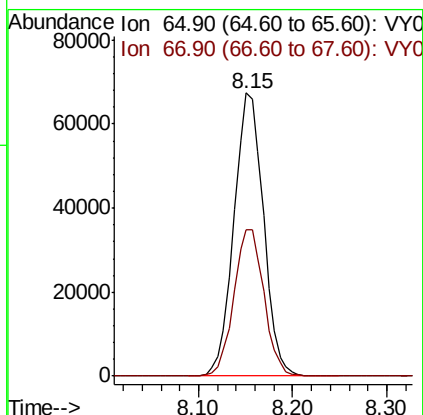
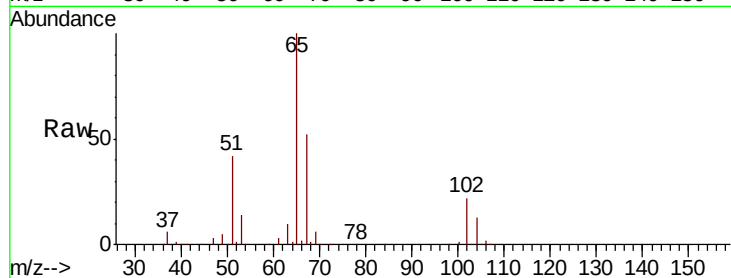




#33
 1,2-Dichloroethane-d4
 Concen: 61.078 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VY000299.D
 Acq: 14 Oct 2019 15:13

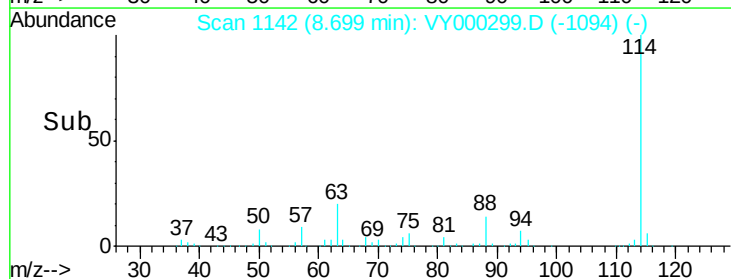
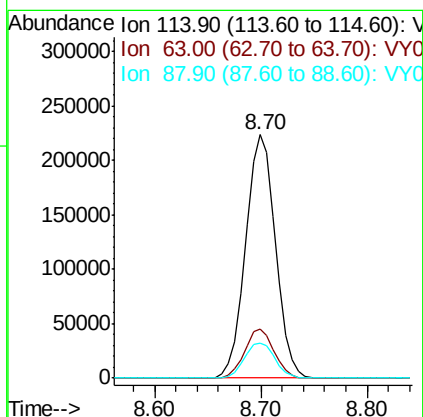
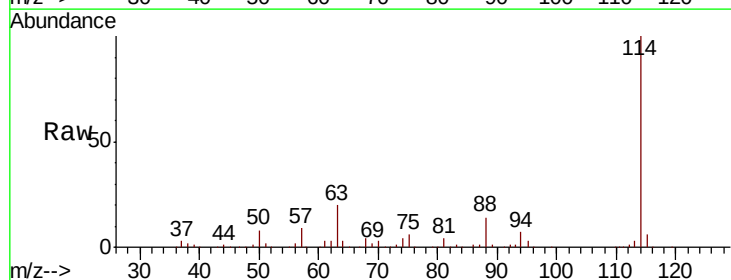
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-4RE

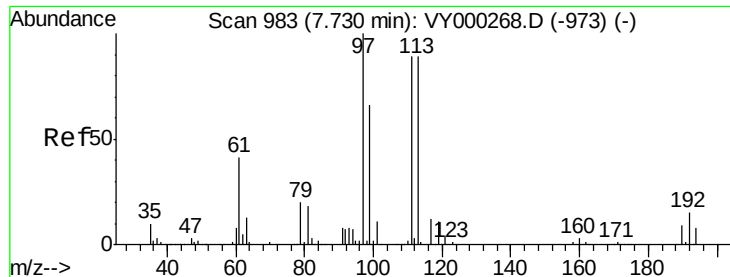
Tot Ion: 65 Resp: 147383
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY000299.D
 Acq: 14 Oct 2019 15:13

Tgt Ion: 114 Resp: 440339
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 37.2
 88 14.3 0.0 30.2





#35

Dibromofluoromethane

Concen: 49.581 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY000299.D

Acq: 14 Oct 2019 15:13

Instrument :

MSVOA_Y

ClientSampleId :

TP-4RE

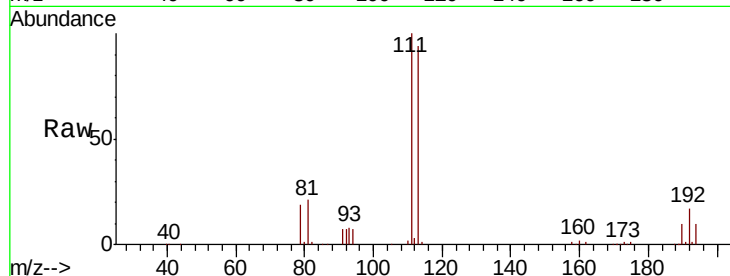
Tot Ion:113 Resp: 131694

Ion Ratio Lower Upper

113 100

111 103.6 81.6 122.4

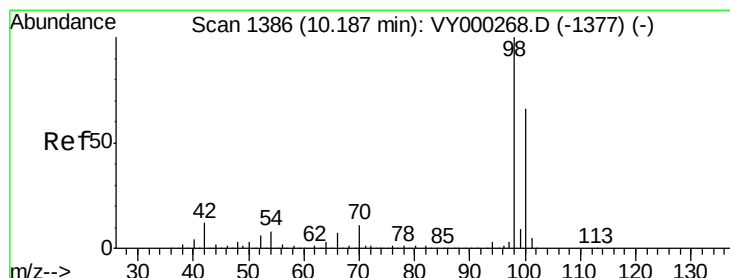
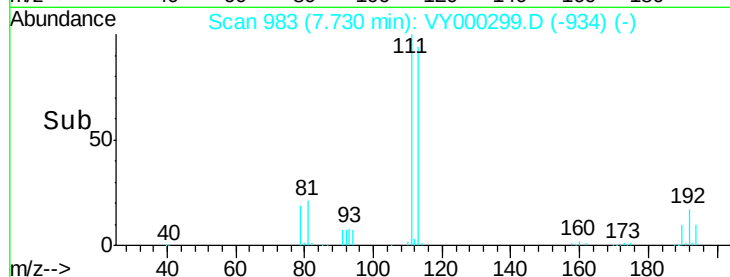
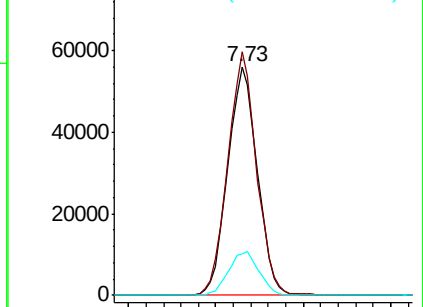
192 19.5 15.3 22.9



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



#50

Toluene-d8

Concen: 50.396 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.00 min

Lab File: VY000299.D

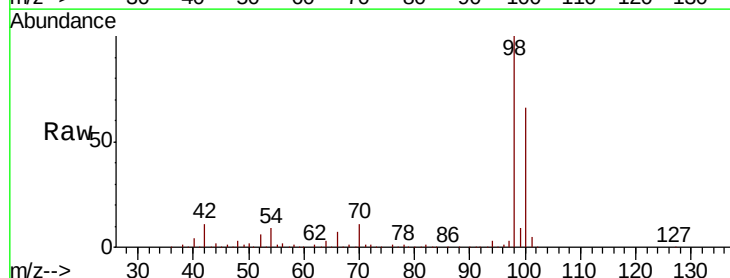
Acq: 14 Oct 2019 15:13

Tgt Ion: 98 Resp: 514921

Ion Ratio Lower Upper

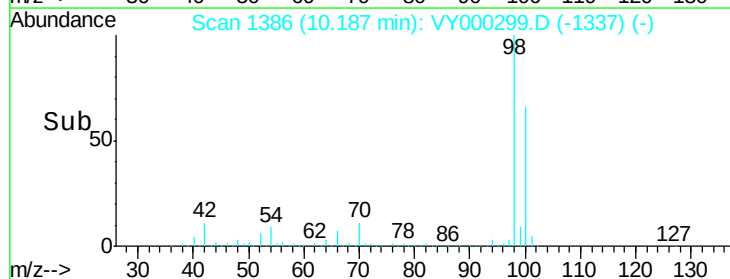
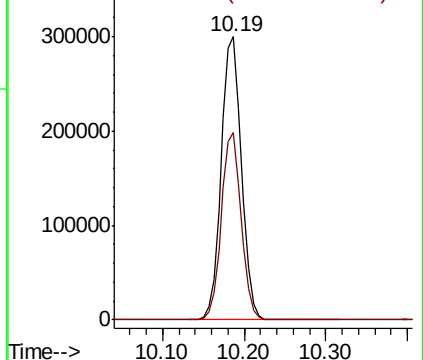
98 100

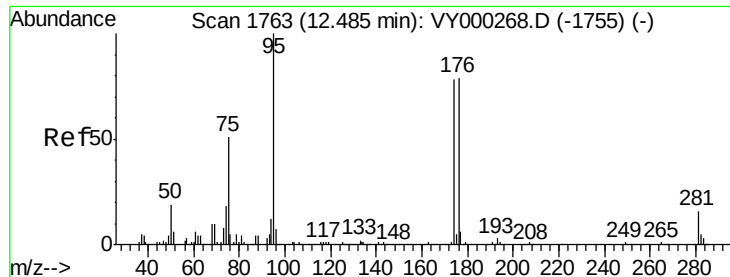
100 64.8 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

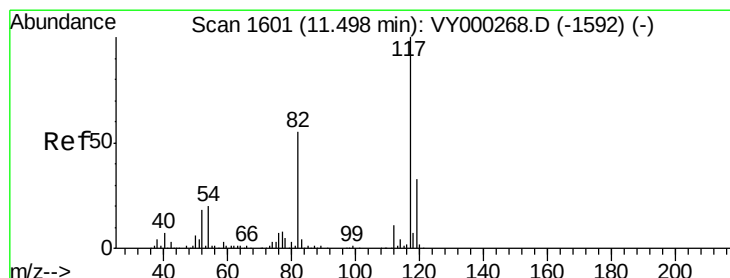
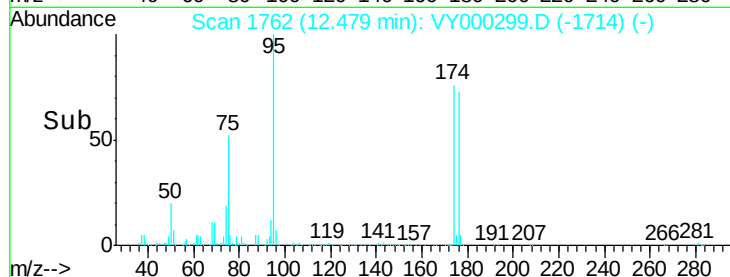
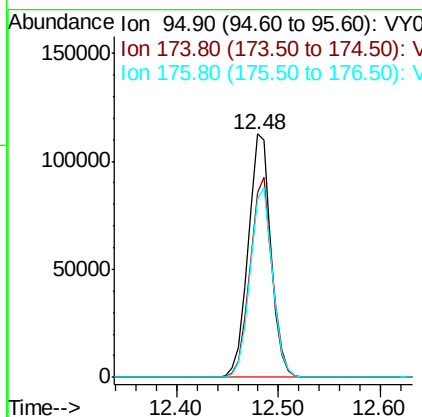
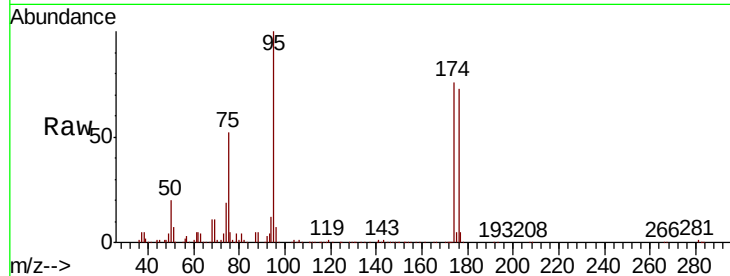




#62
4-Bromofluorobenzene
Concen: 45.077 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.01 min
Lab File: VY000299.D
Acq: 14 Oct 2019 15:13

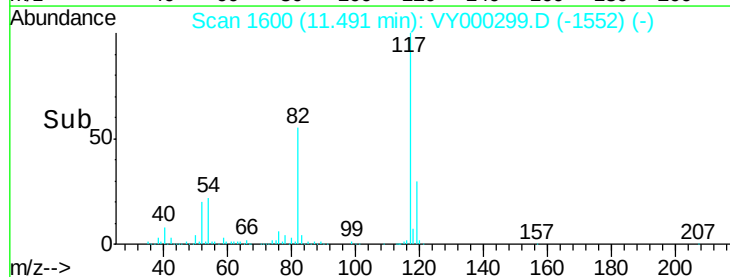
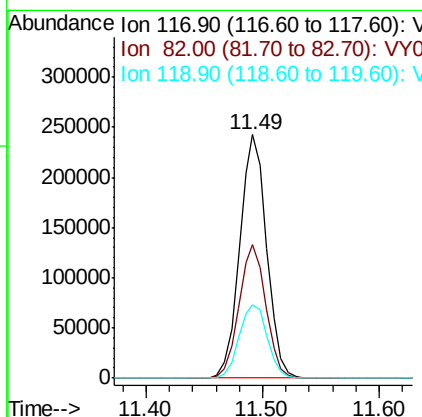
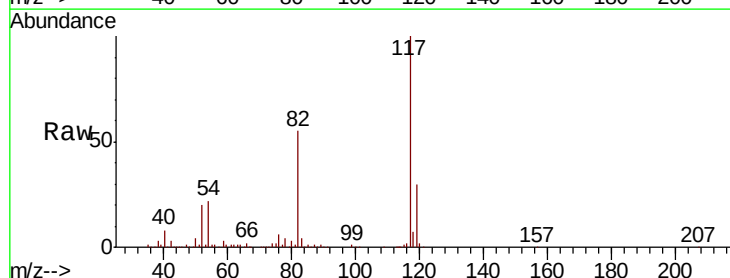
Instrument :
MSVOA_Y
ClientSampled :
TP-4RE

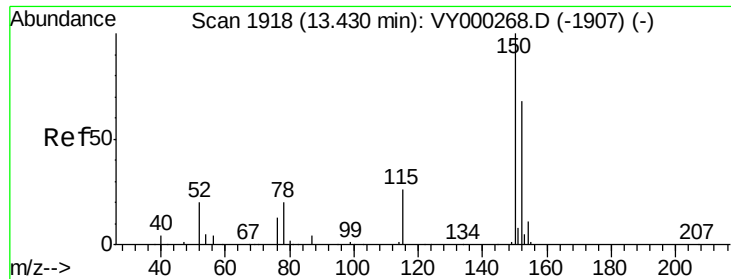
Tot Ion: 95 Resp: 174978
Ion Ratio Lower Upper
95 100
174 80.5 0.0 159.6
176 77.0 0.0 153.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000299.D
Acq: 14 Oct 2019 15:13

Tgt Ion: 117 Resp: 388311
Ion Ratio Lower Upper
117 100
82 55.0 43.7 65.5
119 30.3 26.6 39.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.01 min

Lab File: VY000299.D

Acq: 14 Oct 2019 15:13

Instrument :

MSVOA_Y

ClientSampleId :

TP-4RE

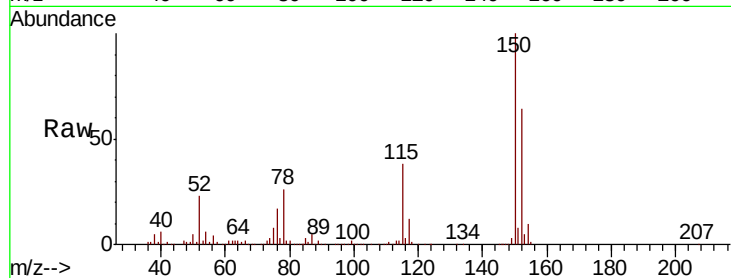
Tot Ion:152 Resp: 162078

Ion Ratio Lower Upper

152 100

115 58.9 29.3 88.0

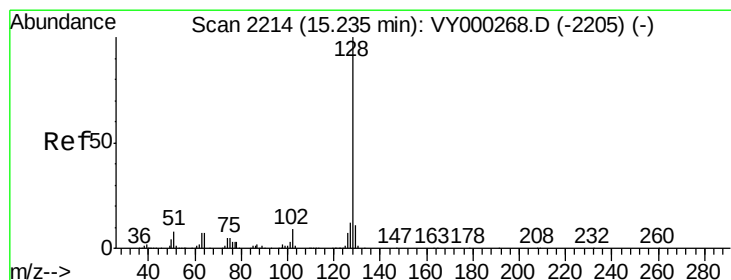
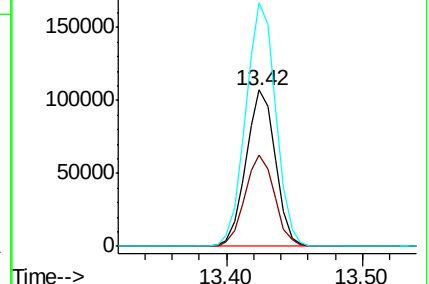
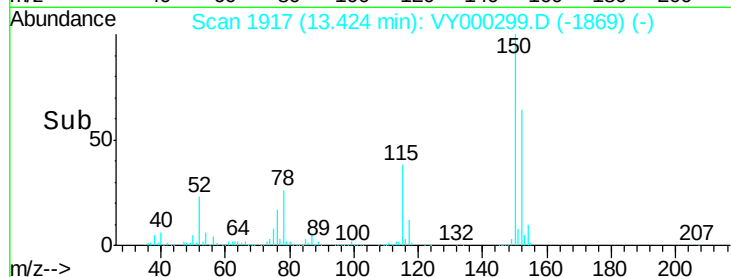
150 158.9 0.0 348.4



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



#95

Naphthalene

Concen: 1.393 ug/l

RT: 15.24 min Scan# 2215

Delta R.T. 0.01 min

Lab File: VY000299.D

Acq: 14 Oct 2019 15:13

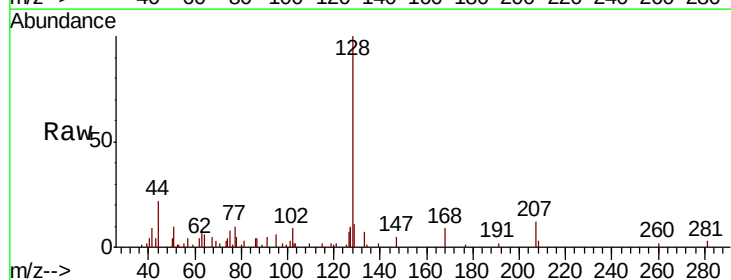
Tgt Ion:128 Resp: 10849

Ion Ratio Lower Upper

128 100

127 14.7 9.6 14.4#

129 13.3 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

