

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041420\
 Data File : VY002318.D
 Acq On : 14 Apr 2020 18:47
 Operator : SY/MD
 Sample : L2230-19
 Misc : 5.66G/5ML/MSVOA Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-12-A

Quant Time: Apr 15 06:44:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 08 15:15:02 2020
 Response via : Initial Calibration

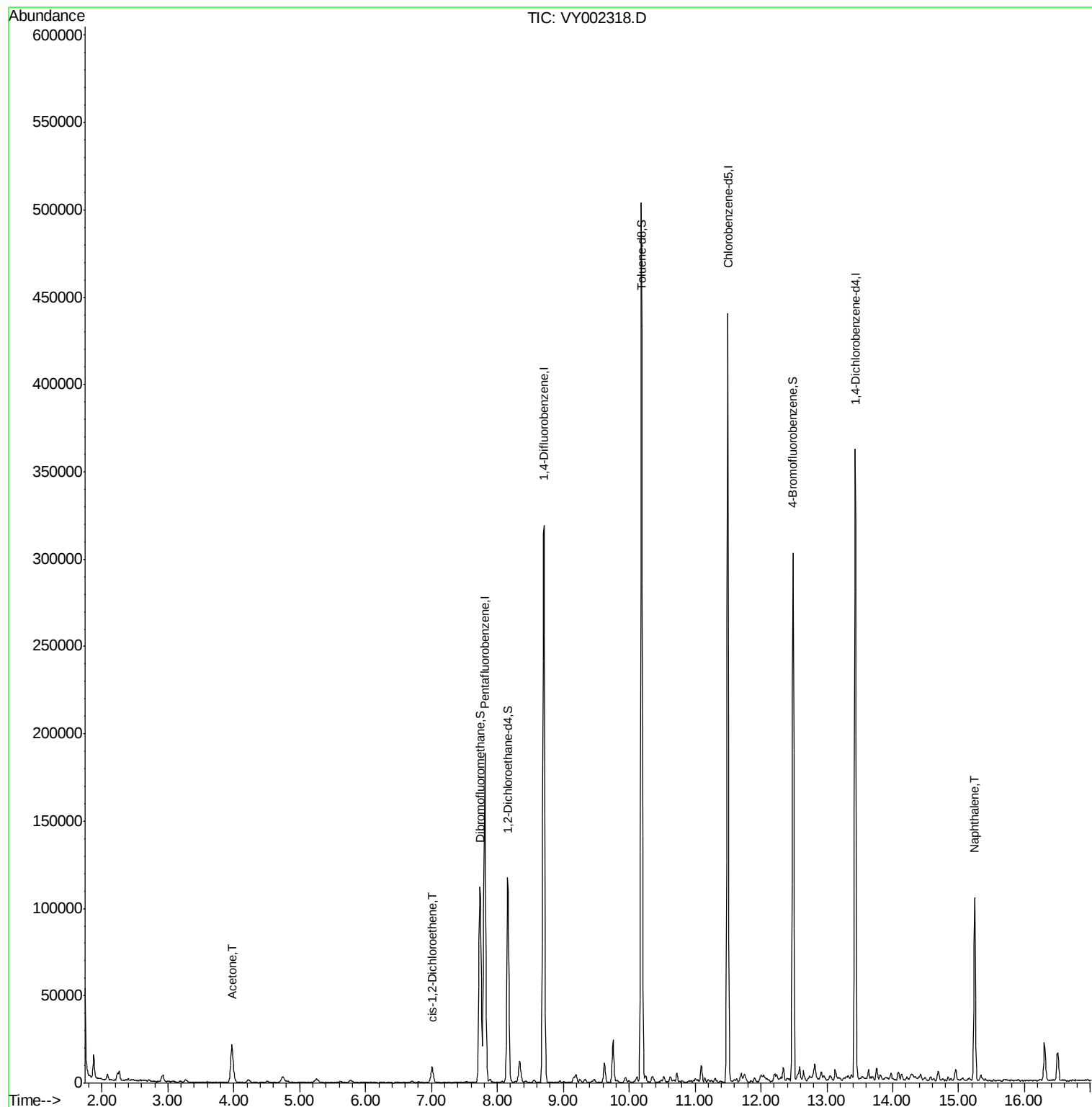
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	138961	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	281759	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	243989	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	89735	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	82917	53.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.32%	
35) Dibromofluoromethane	7.74	113	82894	49.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.88%	
50) Toluene-d8	10.19	98	334354	47.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.30%	
62) 4-Bromofluorobenzene	12.49	95	101080	43.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.32%	
Target Compounds						
16) Acetone	3.97	43	36651	90.048	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	4765	2.321	ug/l	86
95) Naphthalene	15.24	128	90943	23.265	ug/l	99

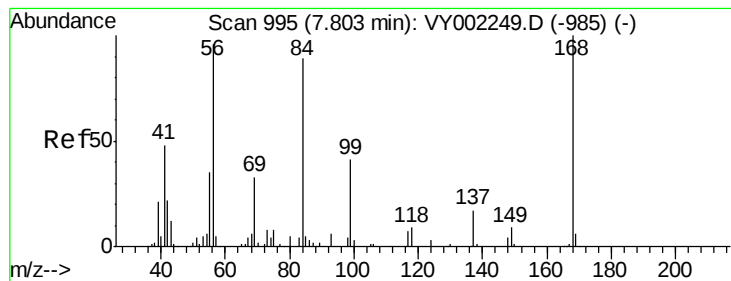
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.01 min

Lab File: VY002318.D

Acq: 14 Apr 2020 18:47

Instrument :

MSVOA_Y

ClientSampleId :

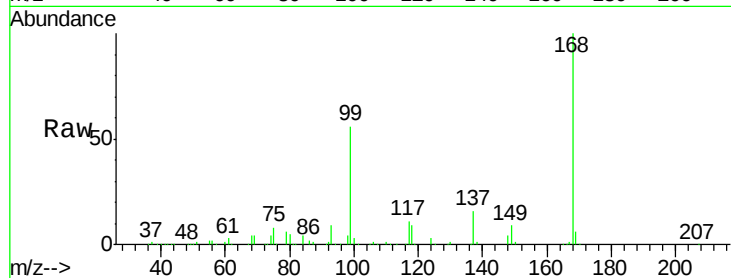
TP-12-A

Tot Ion:168 Resp: 138961

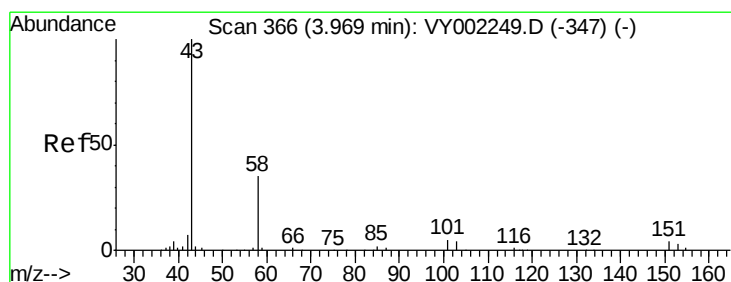
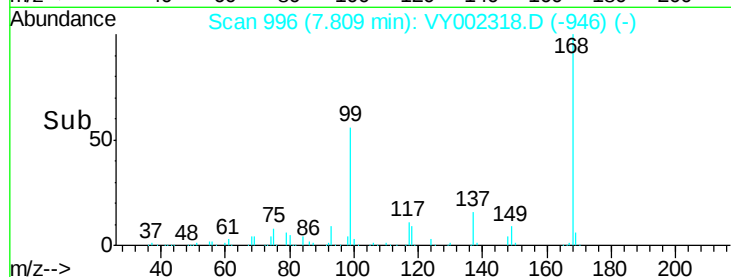
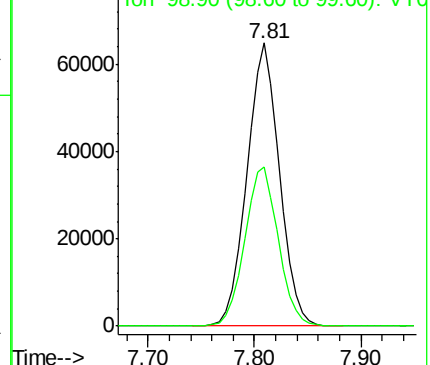
Ion Ratio Lower Upper

168 100

99 56.3 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): VY002249.D (-985) (-)



#16

Acetone

Concen: 90.048 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.01 min

Lab File: VY002318.D

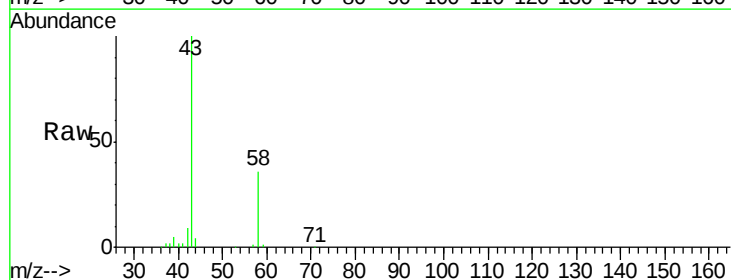
Acq: 14 Apr 2020 18:47

Tgt Ion: 43 Resp: 36651

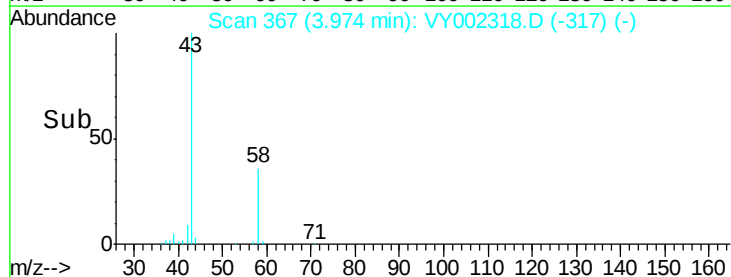
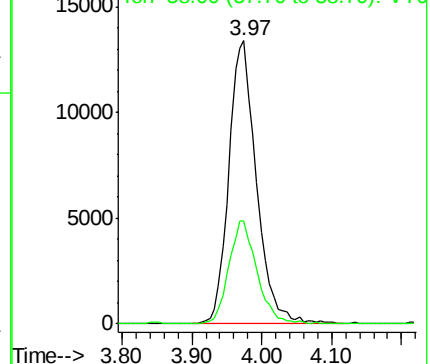
Ion Ratio Lower Upper

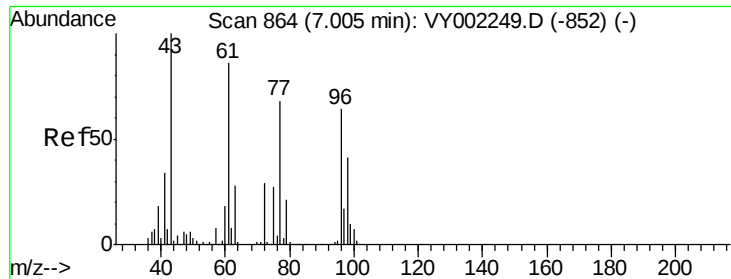
43 100

58 36.4 28.5 42.7



Abundance Ion 43.00 (42.70 to 43.70): VY002249.D (-347) (-)



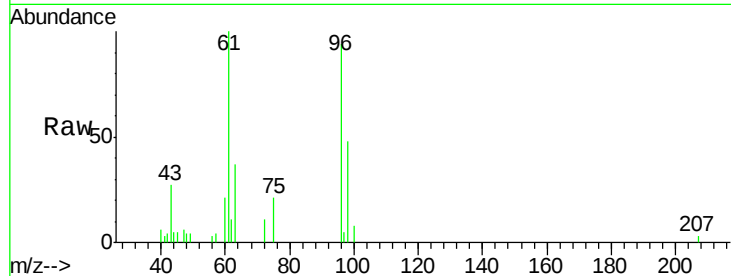


#27

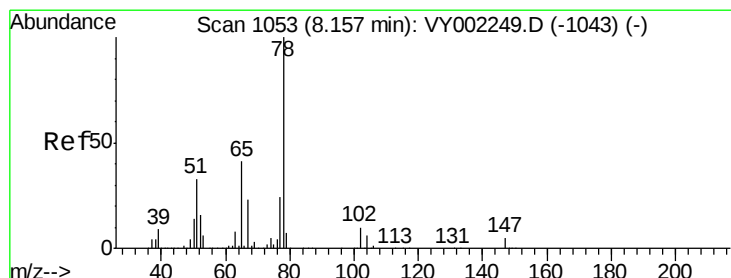
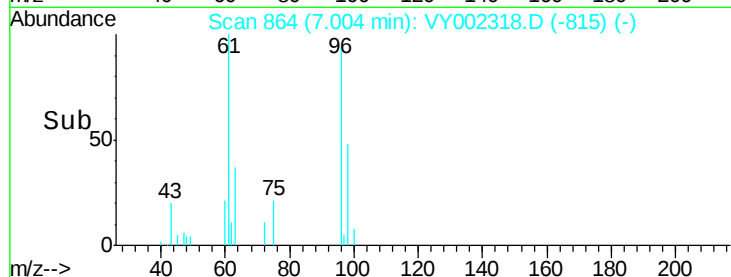
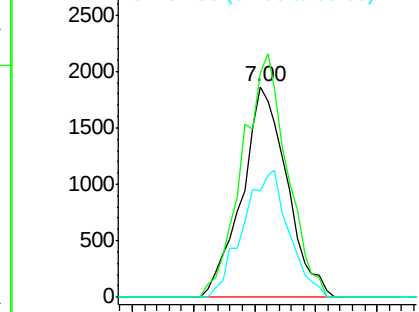
cis-1,2-Dichloroethene
 Concen: 2.321 ug/l
 RT: 7.00 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: VY002318.D
 Acq: 14 Apr 2020 18:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-12-A

Tot Ion: 96 Resp: 4765
 Ion Ratio Lower Upper
 96 100
 61 115.6 0.0 278.0
 98 61.5 0.0 128.6



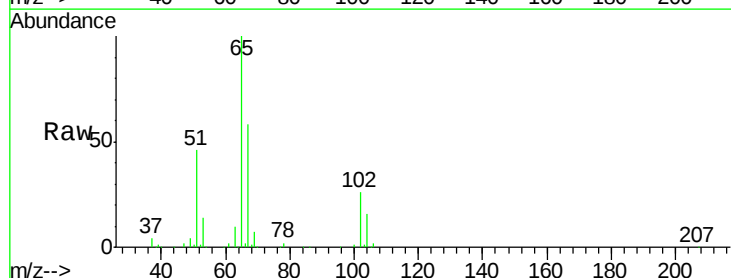
Abundance Ion 95.90 (95.60 to 96.60): VY0
 Ion 60.90 (60.60 to 61.60): VY0
 Ion 97.90 (97.60 to 98.60): VY0



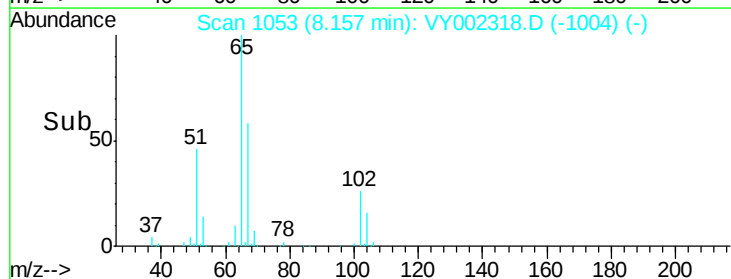
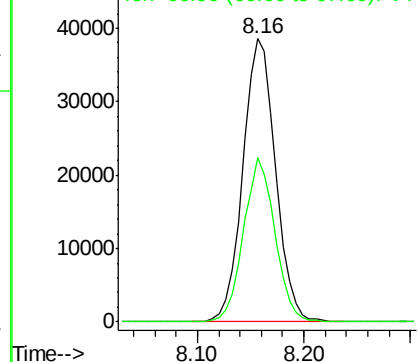
#33

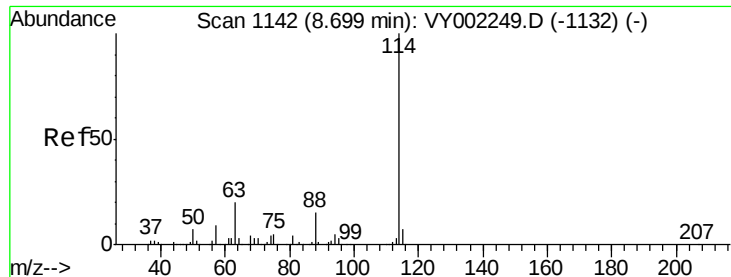
1,2-Dichloroethane-d4
 Concen: 53.656 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VY002318.D
 Acq: 14 Apr 2020 18:47

Tgt Ion: 65 Resp: 82917
 Ion Ratio Lower Upper
 65 100
 67 55.8 0.0 114.0



Abundance Ion 64.90 (64.60 to 65.60): VY0
 Ion 66.90 (66.60 to 67.60): VY0

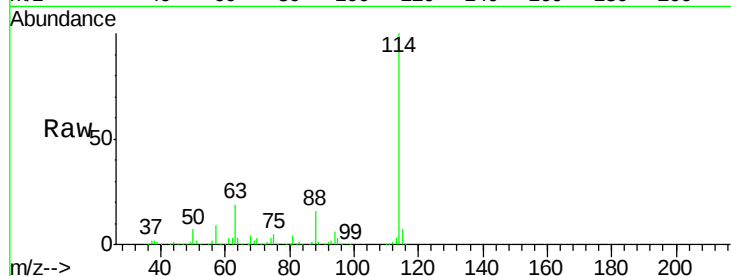




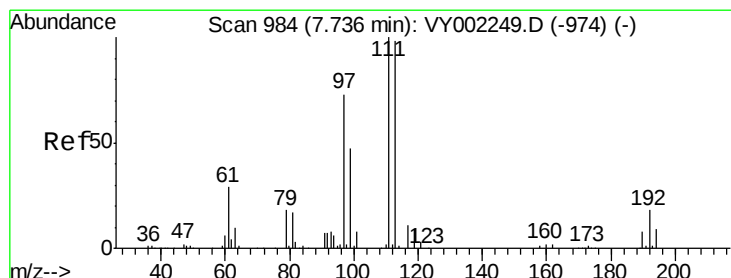
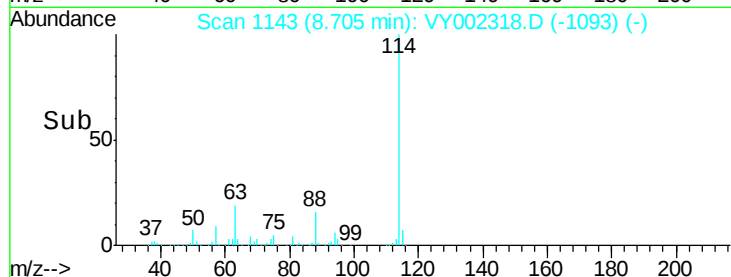
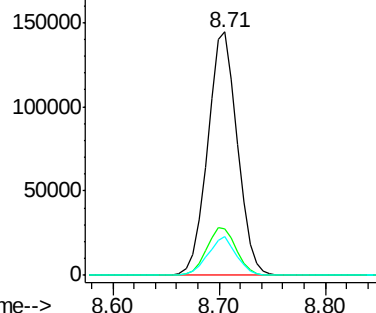
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. 0.01 min
 Lab File: VY002318.D
 Acq: 14 Apr 2020 18:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-12-A

Tot Ion:114	Resp:	281759
Ion Ratio	Lower	Upper
114 100		
63 19.1	0.0	39.0
88 15.8	0.0	31.0

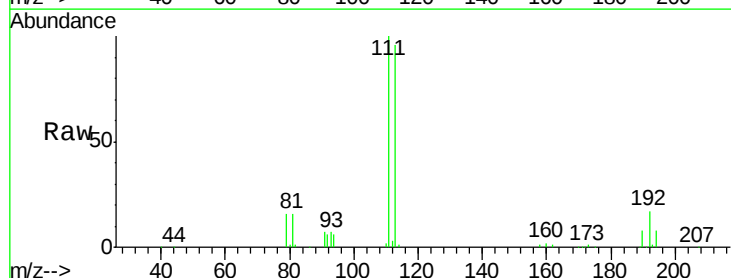


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

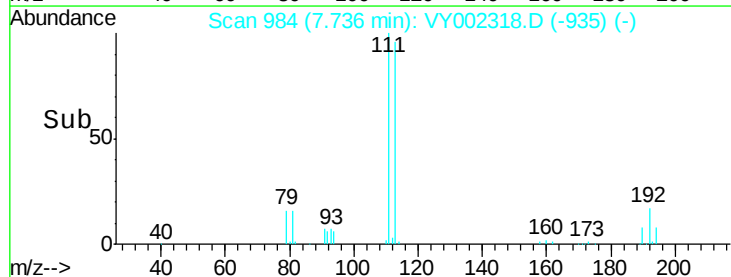
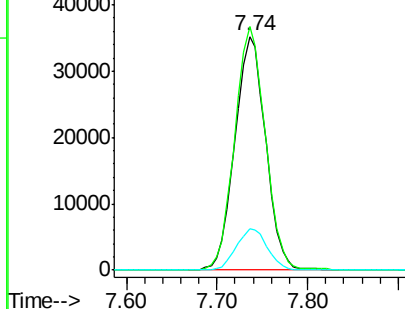


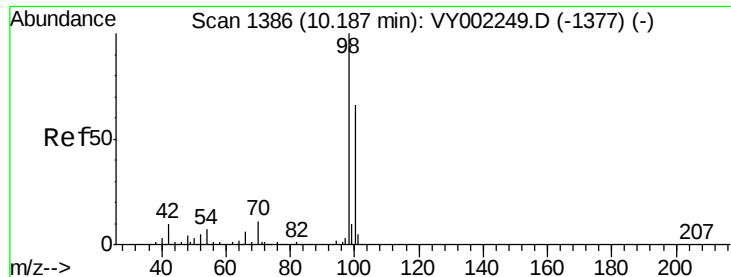
#35
 Dibromofluoromethane
 Concen: 49.443 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. -0.00 min
 Lab File: VY002318.D
 Acq: 14 Apr 2020 18:47

Tgt Ion:113	Resp:	82894
Ion Ratio	Lower	Upper
113 100		
111 103.6	83.5	125.3
192 18.0	14.7	22.1



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: 47.646 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.00 min

Lab File: VY002318.D

Acq: 14 Apr 2020 18:47

Instrument :

MSVOA_Y

ClientSampleId :

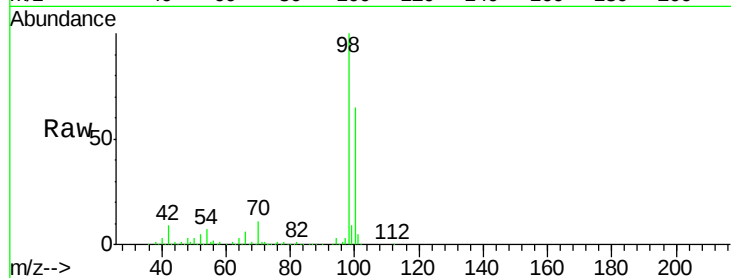
TP-12-A

Tot Ion: 98 Resp: 334354

Ion Ratio Lower Upper

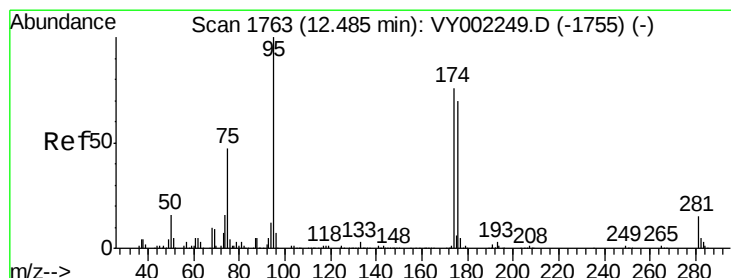
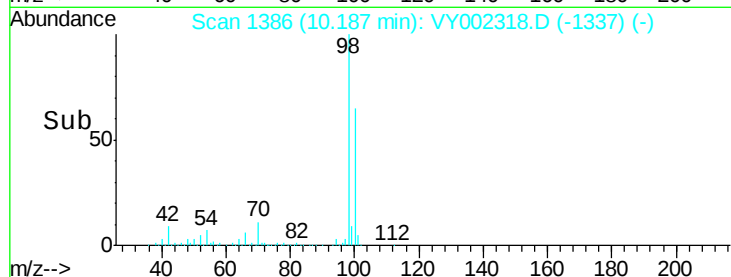
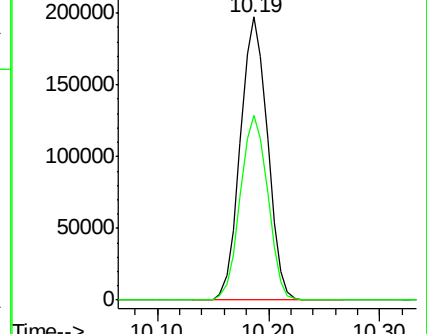
98 100

100 65.7 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0



#62

4-Bromofluorobenzene

Concen: 43.661 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VY002318.D

Acq: 14 Apr 2020 18:47

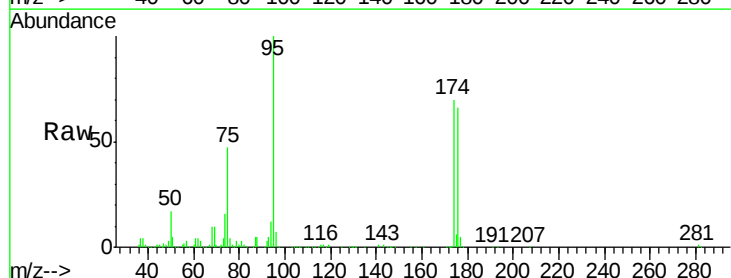
Tgt Ion: 95 Resp: 101080

Ion Ratio Lower Upper

95 100

174 73.8 0.0 150.6

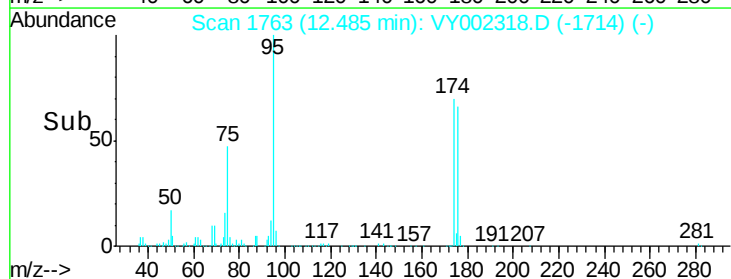
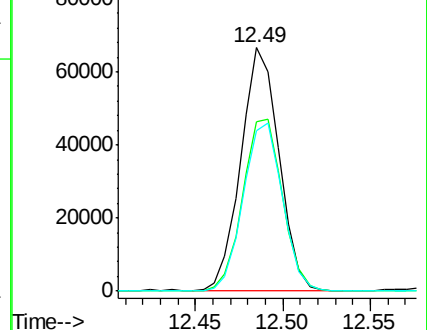
176 71.2 0.0 141.4

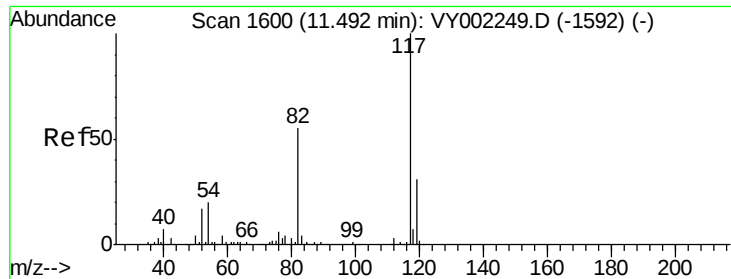


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): VY0

Ion 175.80 (175.50 to 176.50): VY0

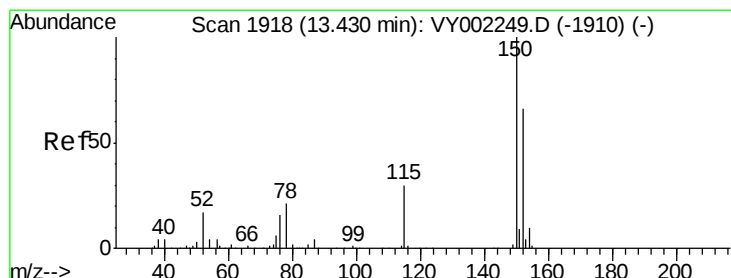
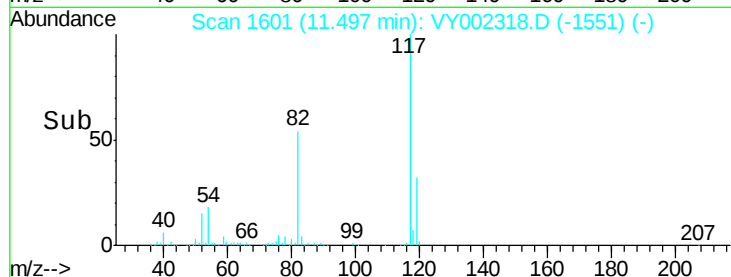
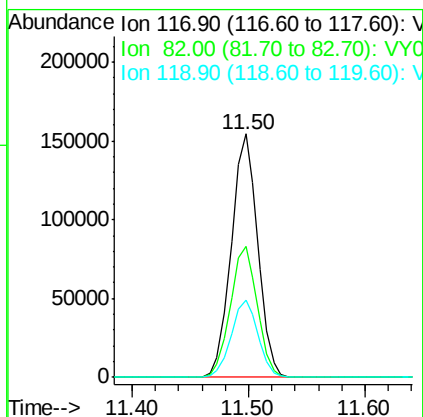
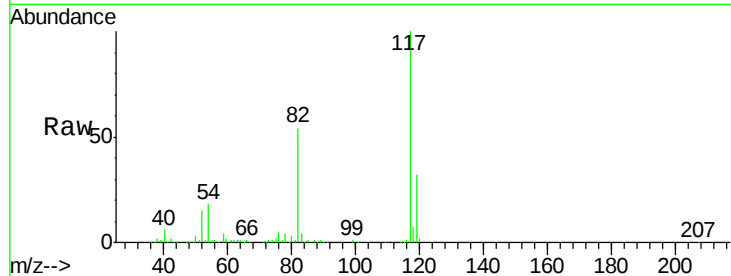




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VY002318.D
Acq: 14 Apr 2020 18:47

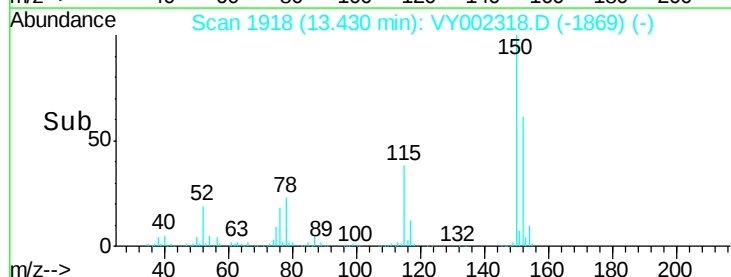
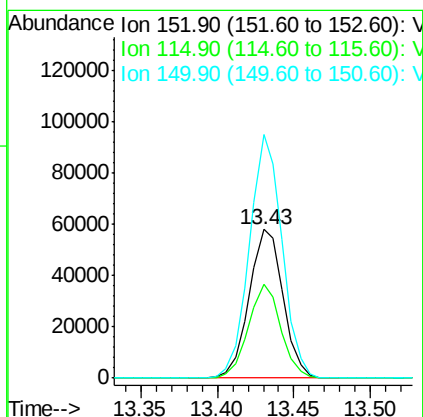
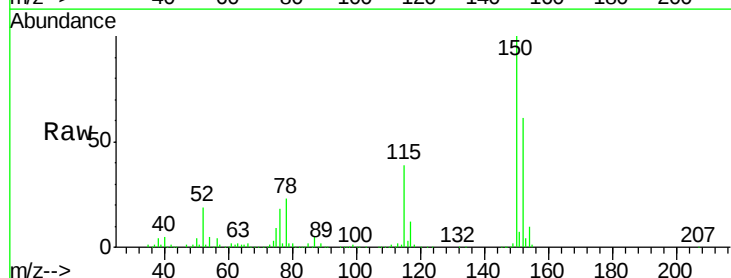
Instrument :
MSVOA_Y
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TP-12-A

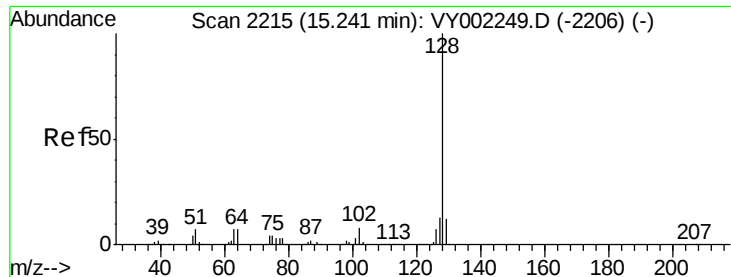
Tot Ion:117 Resp: 243989
Ion Ratio Lower Upper
117 100
82 54.0 44.2 66.4
119 31.7 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VY002318.D
Acq: 14 Apr 2020 18:47

Tgt Ion:152 Resp: 89735
Ion Ratio Lower Upper
152 100
115 60.0 30.7 92.1
150 157.2 0.0 350.6

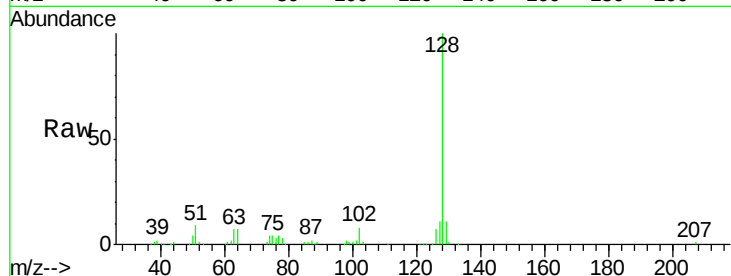




#95
 Naphthalene
 Concen: 23.265 ug/l
 RT: 15.24 min Scan# 2215
 Delta R.T. -0.00 min
 Lab File: VY002318.D
 Acq: 14 Apr 2020 18:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-12-A

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.2	10.1	15.1
129	11.4	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

