

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102519\
 Data File : VY000430.D
 Acq On : 25 Oct 2019 15:42
 Operator : SY/MD
 Sample : K5539-08
 Misc : 6.76G/5ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 162-36-(1)

Quant Time: Oct 26 02:57:02 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

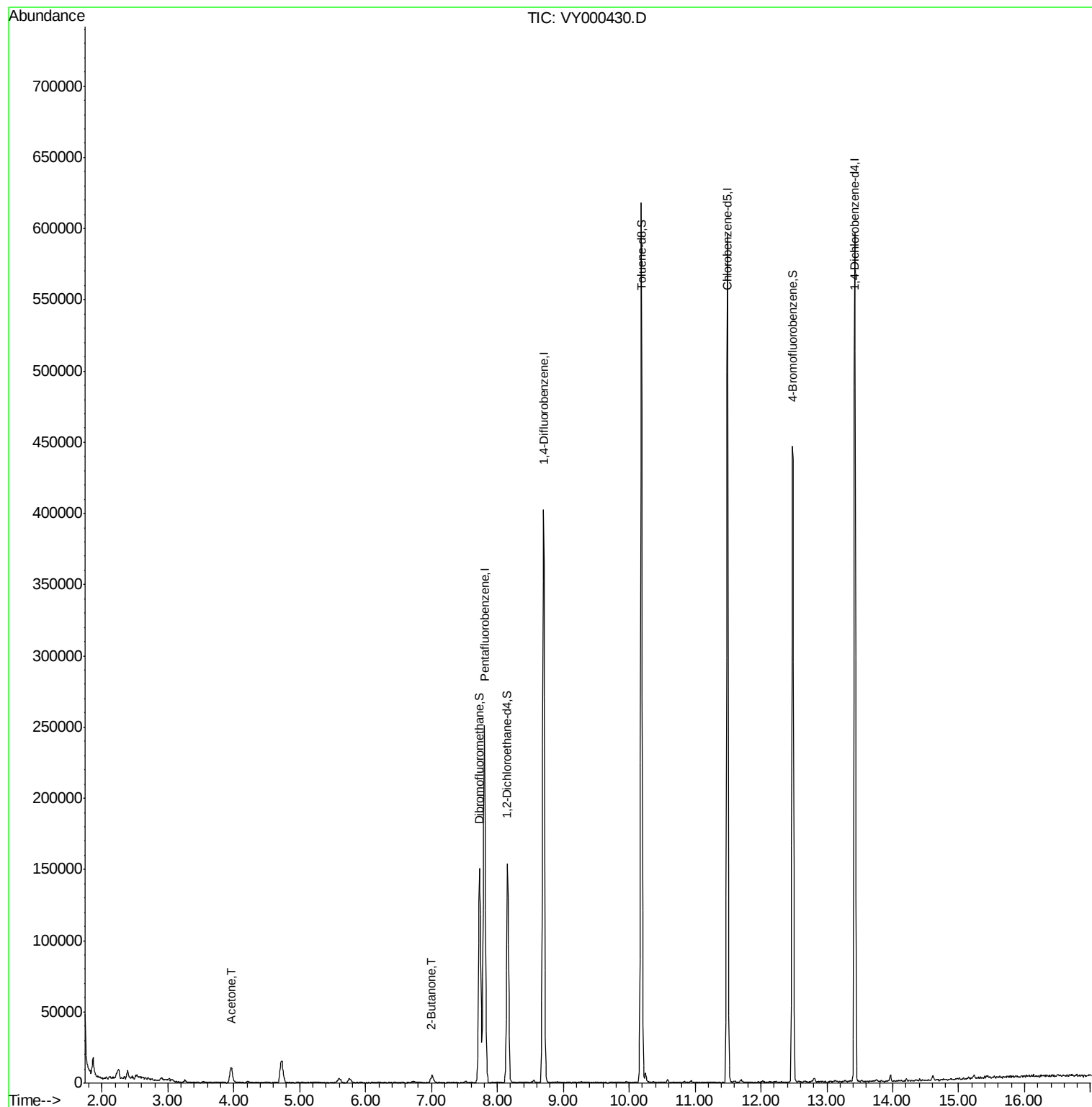
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	197617	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	342264	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	310302	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	143525	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	117540	56.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.78%	
35) Dibromofluoromethane	7.73	113	100668	48.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.52%	
50) Toluene-d8	10.19	98	395987	49.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.72%	
62) 4-Bromofluorobenzene	12.48	95	136153	45.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.26%	
Target Compounds						
16) Acetone	3.96	43	18715	27.723	ug/l	95
25) 2-Butanone	7.00	43	8744	9.195	ug/l #	69

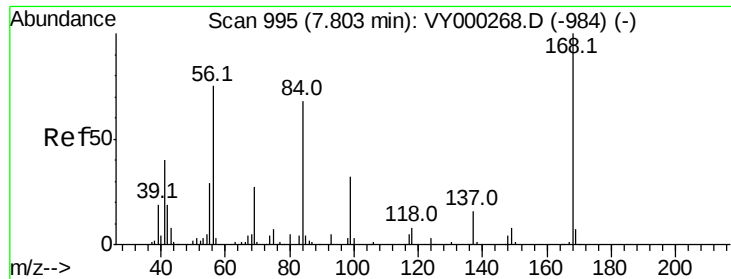
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY000430.D

Acq: 25 Oct 2019 15:42

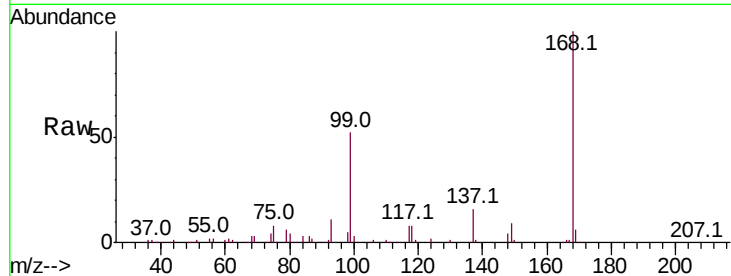
Instrument :
MSVOA_Y
ClientSampleId :
162-36-(1)

Tot Ion:168 Resp: 197617

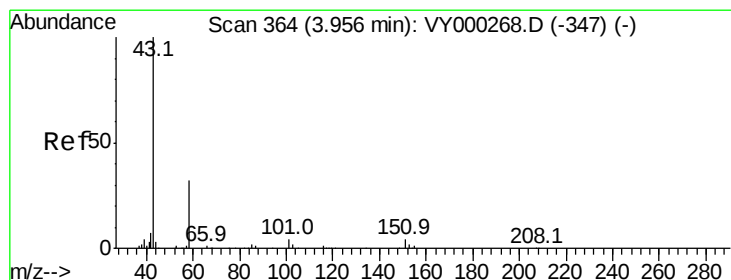
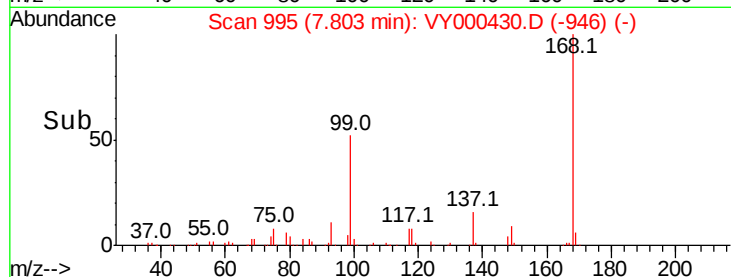
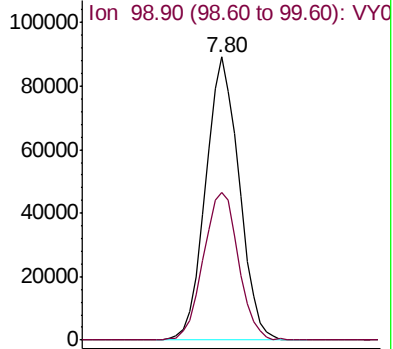
Ion Ratio Lower Upper

168 100

99 52.1 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VY000430.D (-946) (-)



#16

Acetone

Concen: 27.723 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.00 min

Lab File: VY000430.D

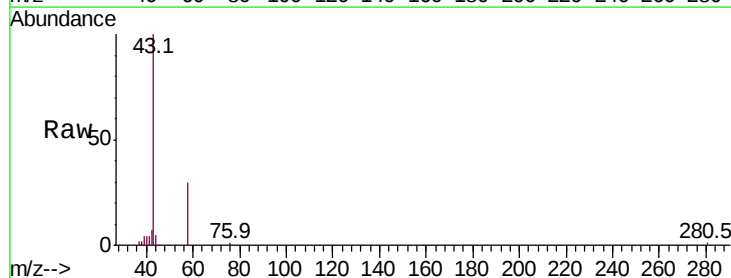
Acq: 25 Oct 2019 15:42

Tgt Ion: 43 Resp: 18715

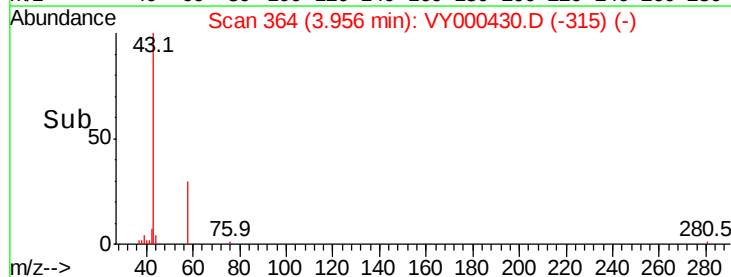
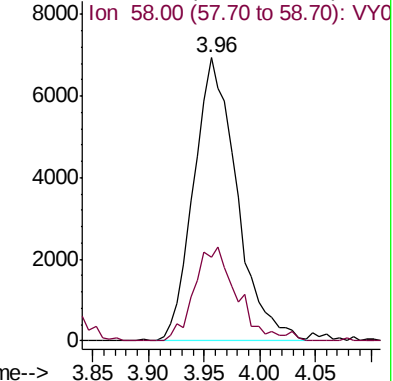
Ion Ratio Lower Upper

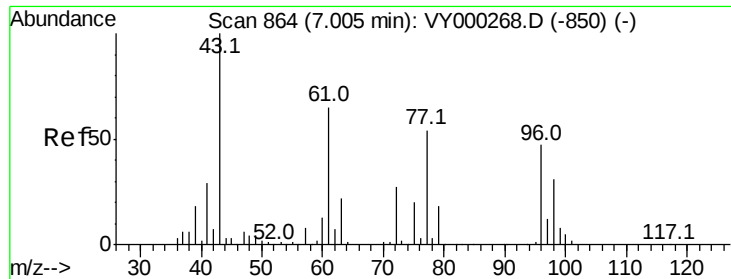
43 100

58 29.6 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VY000430.D (-315) (-)





#25

2-Butanone

Concen: 9.195 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.01 min

Lab File: VY000430.D

Acq: 25 Oct 2019 15:42

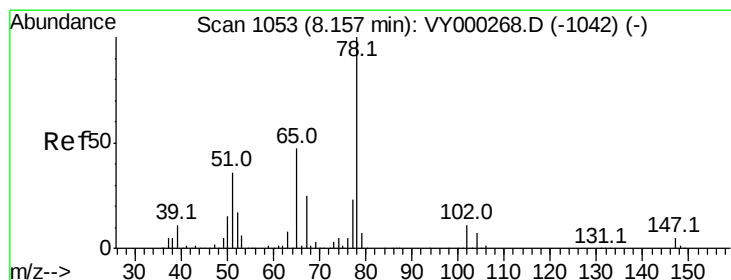
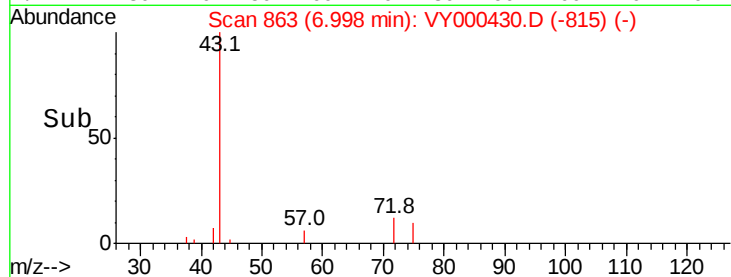
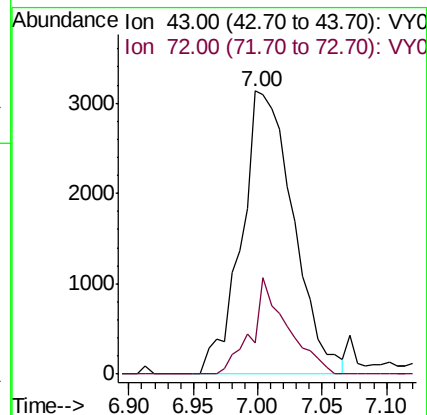
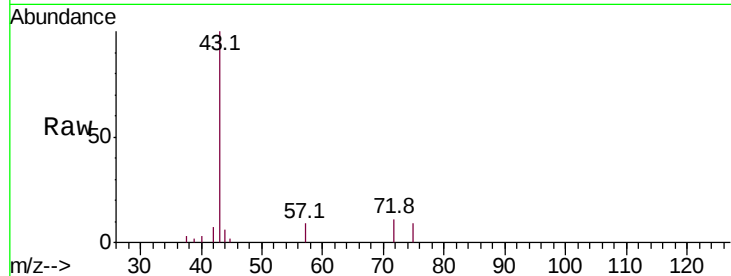
Instrument :
MSVOA_Y
ClientSampled :
162-36-(1)

Tot Ion: 43 Resp: 8744

Ion Ratio Lower Upper

43 100

72 11.0 21.4 32.2#



#33

1,2-Dichloroethane-d4

Concen: 56.386 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY000430.D

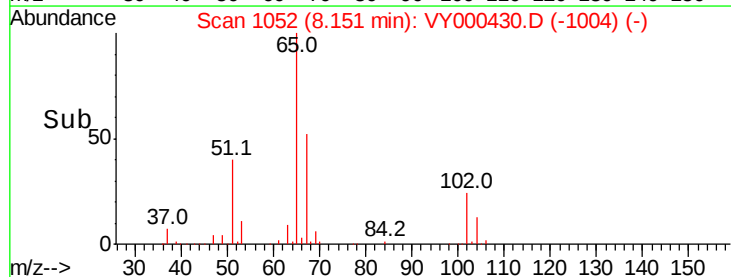
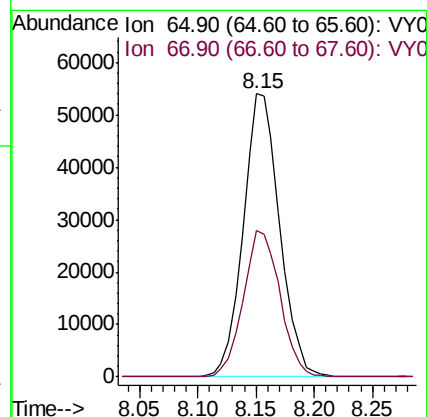
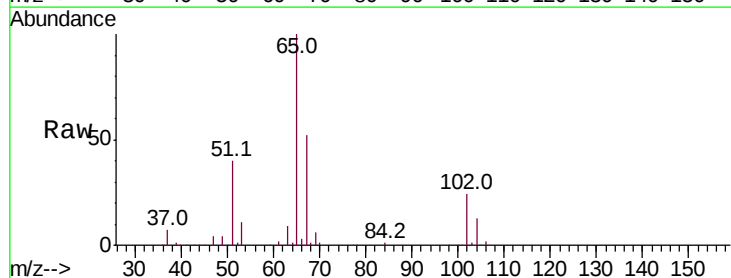
Acq: 25 Oct 2019 15:42

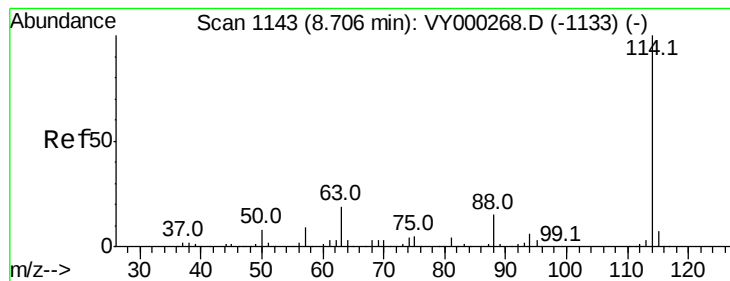
Tgt Ion: 65 Resp: 117540

Ion Ratio Lower Upper

65 100

67 52.1 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: VY000430.D

Acq: 25 Oct 2019 15:42

Instrument :

MSVOA_Y

ClientSampleId :

162-36-(1)

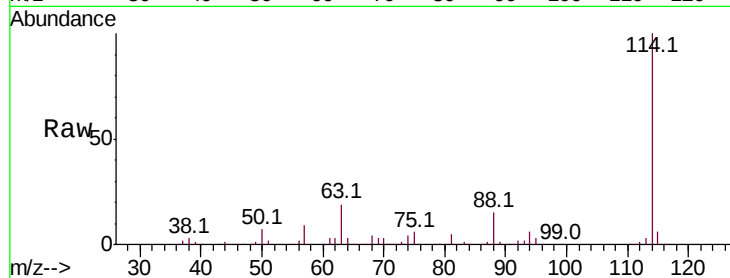
Tot Ion:114 Resp: 342264

Ion Ratio Lower Upper

114 100

63 19.2 0.0 37.2

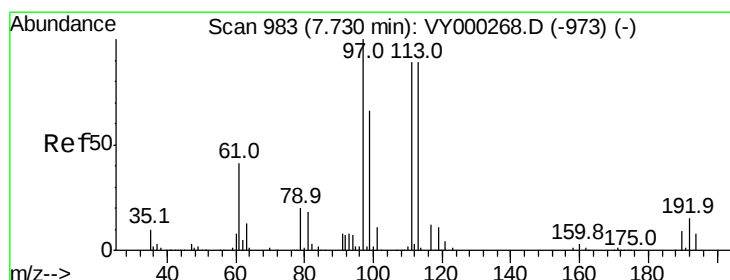
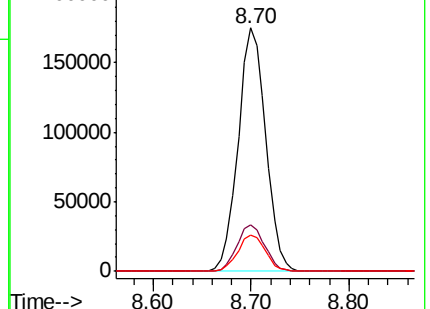
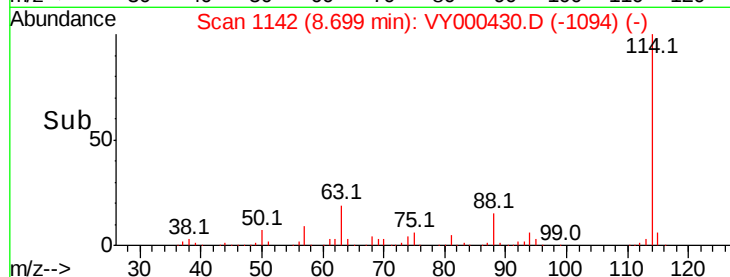
88 14.8 0.0 30.2



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: 48.760 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY000430.D

Acq: 25 Oct 2019 15:42

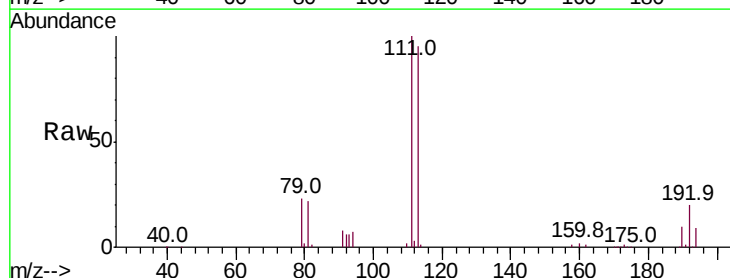
Tgt Ion:113 Resp: 100668

Ion Ratio Lower Upper

113 100

111 103.7 81.6 122.4

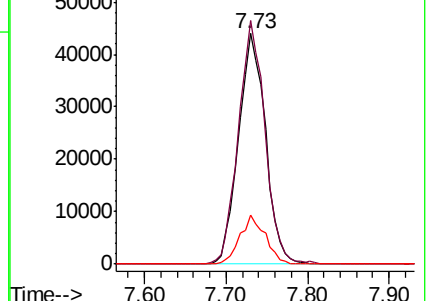
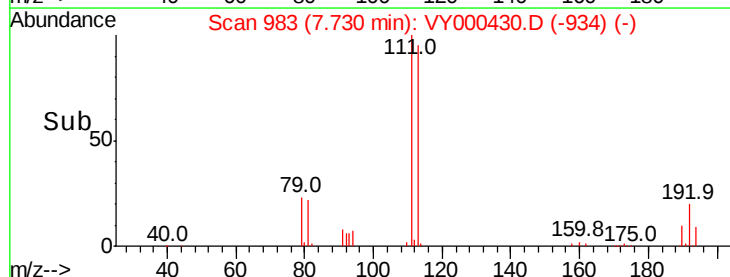
192 19.9 15.3 22.9

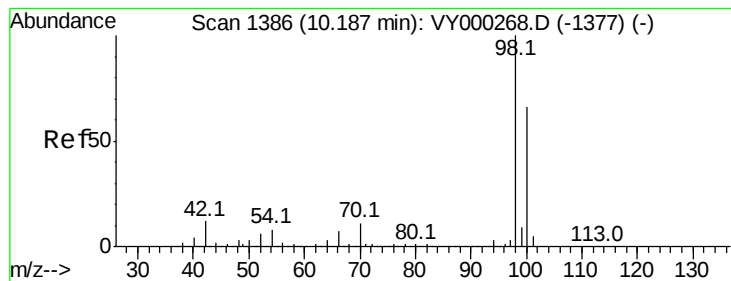


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.861 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.00 min

Lab File: VY000430.D

Acq: 25 Oct 2019 15:42

Instrument :

MSVOA_Y

ClientSampleId :

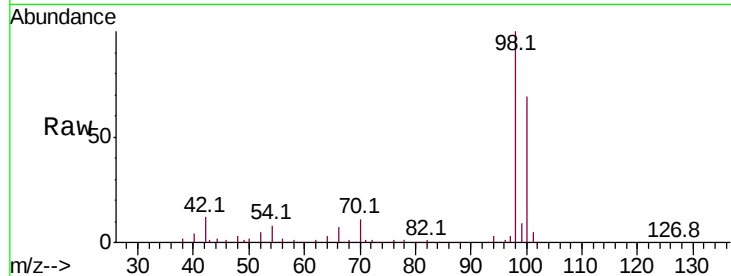
162-36-(1)

Tot Ion: 98 Resp: 395987

Ion Ratio Lower Upper

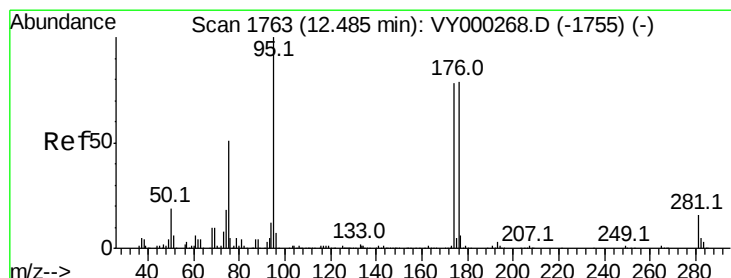
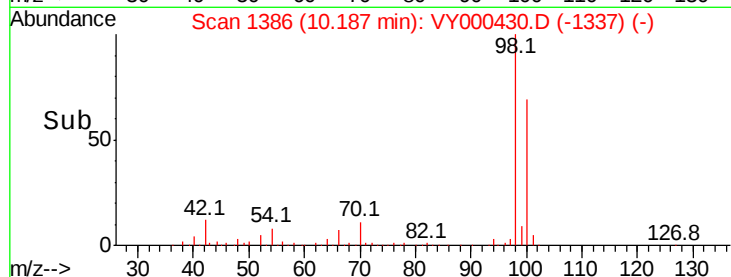
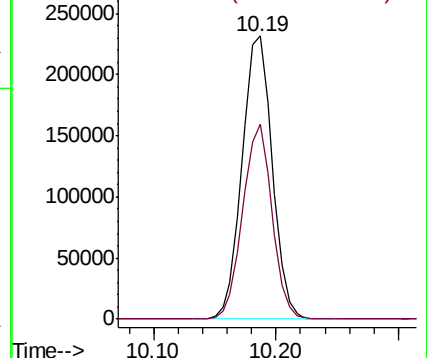
98 100

100 66.6 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: 45.126 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY000430.D

Acq: 25 Oct 2019 15:42

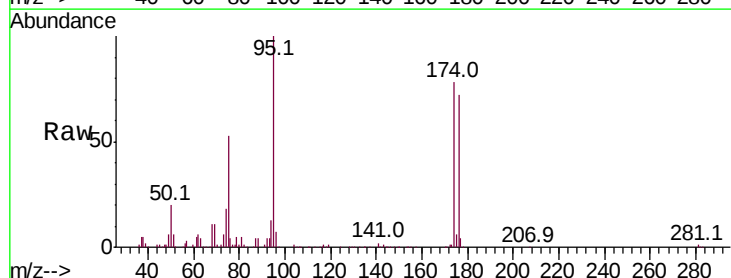
Tgt Ion: 95 Resp: 136153

Ion Ratio Lower Upper

95 100

174 84.3 0.0 159.6

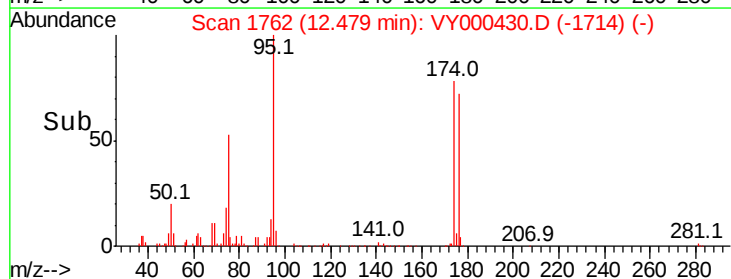
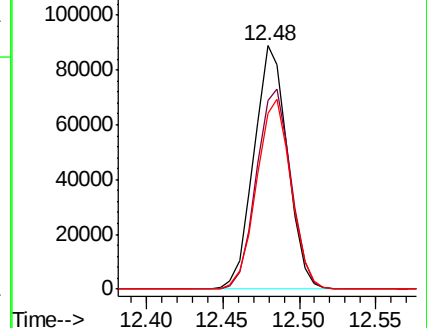
176 79.9 0.0 153.8

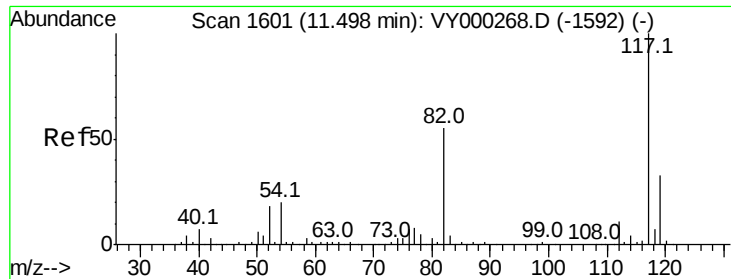


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

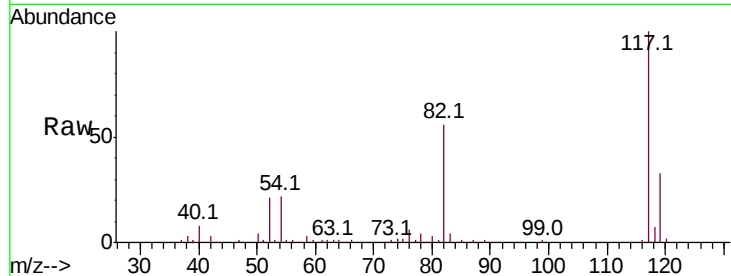




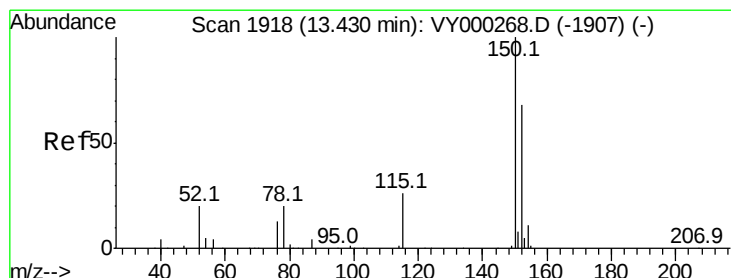
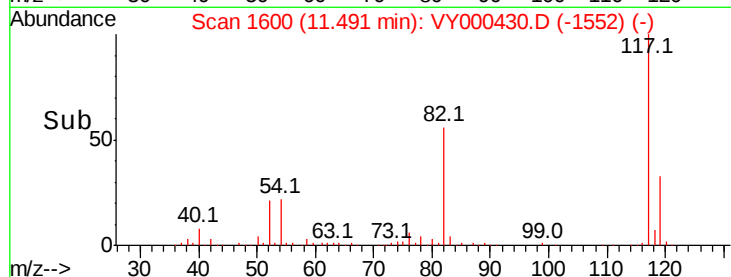
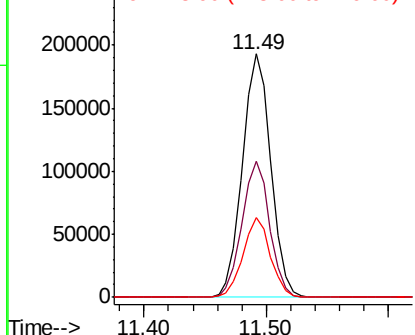
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000430.D
Acq: 25 Oct 2019 15:42

Instrument :
MSVOA_Y
ClientSampled :
162-36-(1)

Tot Ion:117 Resp: 310302
Ion Ratio Lower Upper
117 100
82 55.9 43.7 65.5
119 32.7 26.6 39.8

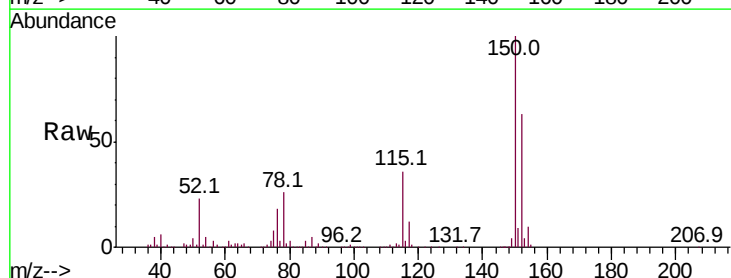


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000430.D
Acq: 25 Oct 2019 15:42

Tgt Ion:152 Resp: 143525
Ion Ratio Lower Upper
152 100
115 57.8 29.3 88.0
150 157.9 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

