

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102519\
 Data File : VY000429.D
 Acq On : 25 Oct 2019 15:19
 Operator : SY/MD
 Sample : K5539-06
 Misc : 5.81G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 161-78-(1.1)

Quant Time: Oct 26 02:55:24 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

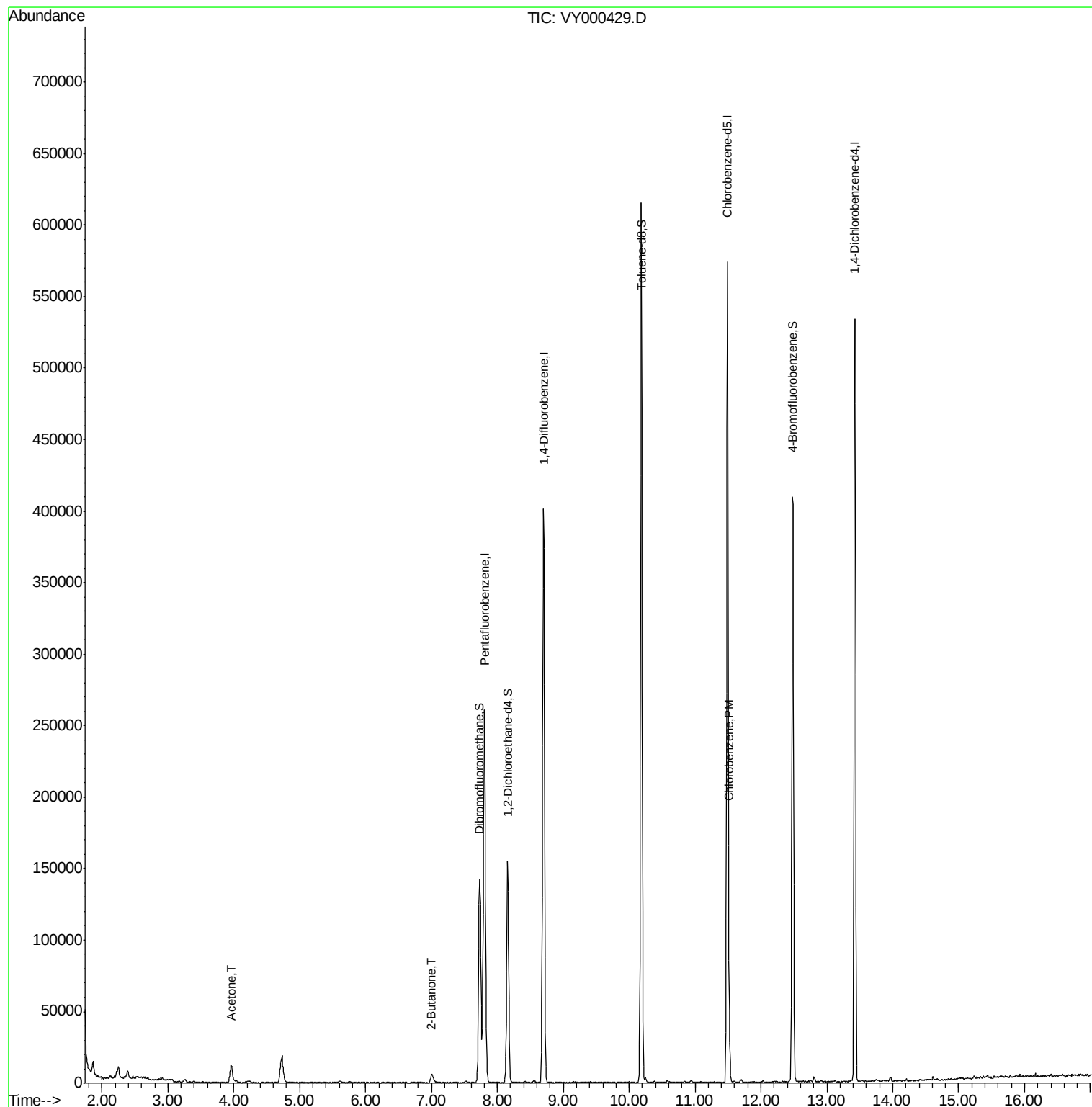
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	200996	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	342005	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	292335	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	128525	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	115274	54.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.74%	
35) Dibromofluoromethane	7.73	113	100479	48.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.42%	
50) Toluene-d8	10.19	98	395797	49.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.74%	
62) 4-Bromofluorobenzene	12.48	95	125423	41.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.20%	
Target Compounds						
16) Acetone	3.96	43	20650	30.075	ug/l	94
25) 2-Butanone	7.00	43	9381	9.699	ug/l	93
65) Chlorobenzene	11.52	112	20934	3.393	ug/l	95

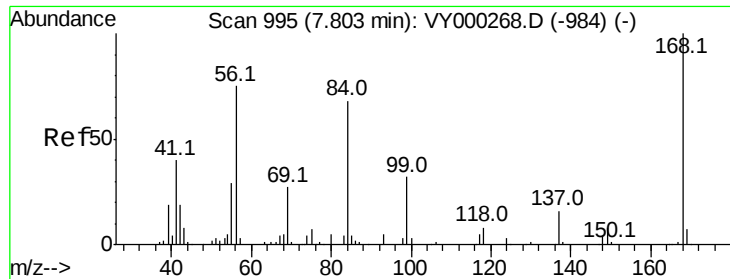
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY102519\
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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: VY000429.D

Acq: 25 Oct 2019 15:19

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MSVOA_Y

ClientSampleId :

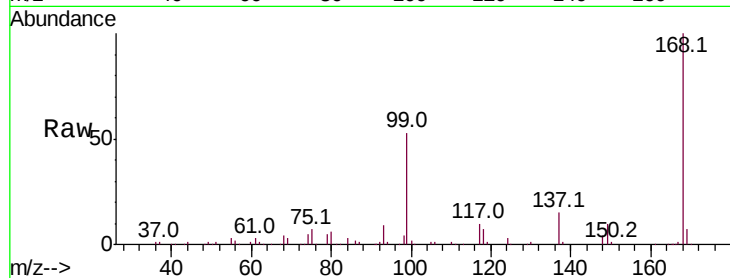
161-78-(1.1)

Tot Ion:168 Resp: 200996

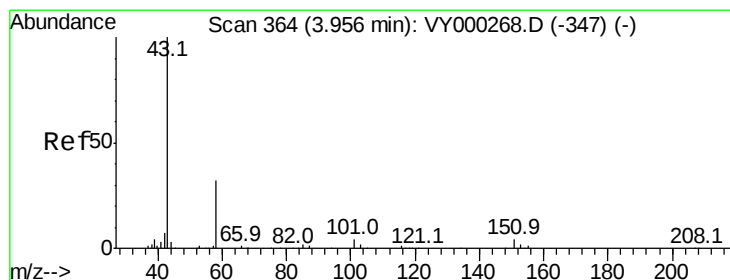
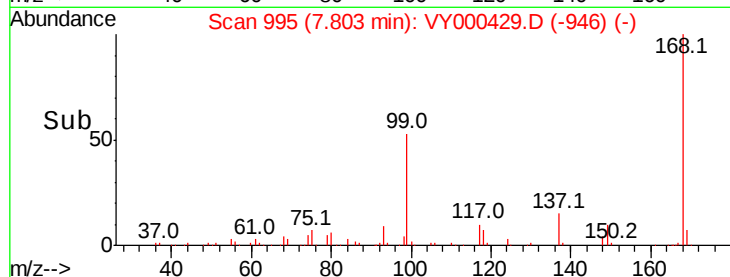
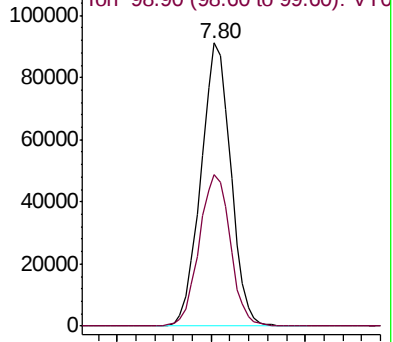
Ion Ratio Lower Upper

168 100

99 53.4 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VY000429.D (-946) (-)



#16

Acetone

Concen: 30.075 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.00 min

Lab File: VY000429.D

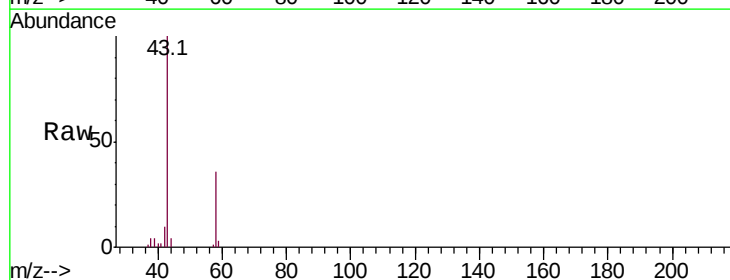
Acq: 25 Oct 2019 15:19

Tgt Ion: 43 Resp: 20650

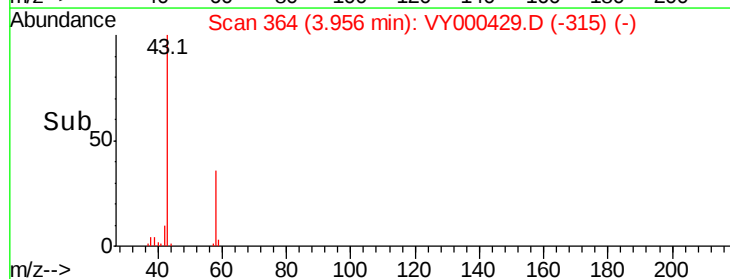
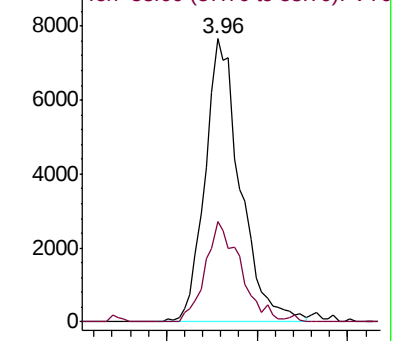
Ion Ratio Lower Upper

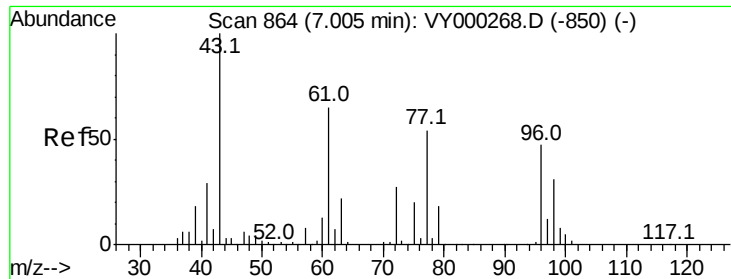
43 100

58 35.5 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VY000429.D (-315) (-)





#25

2-Butanone

Concen: 9.699 ug/l

RT: 7.00 min Scan# 864

Delta R.T. -0.00 min

Lab File: VY000429.D

Acq: 25 Oct 2019 15:19

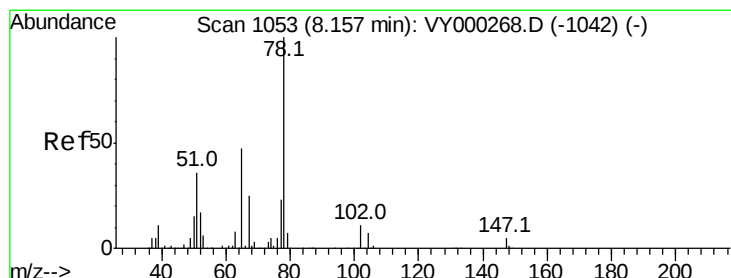
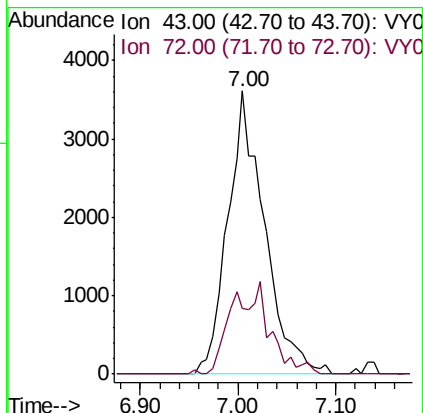
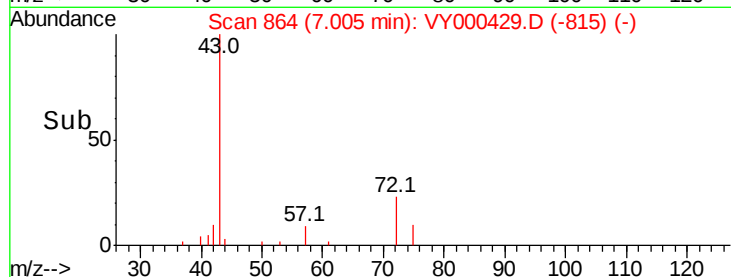
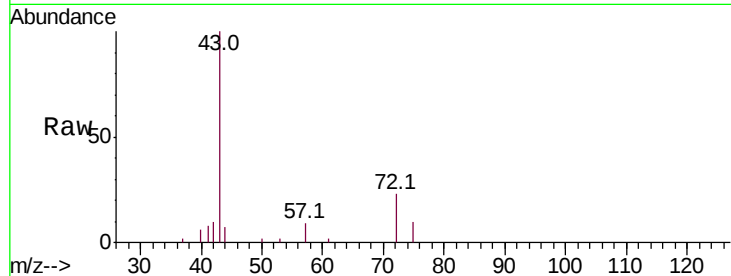
Instrument :
MSVOA_Y
ClientSampled :
161-78-(1.1)

Tot Ion: 43 Resp: 9381

Ion Ratio Lower Upper

43 100

72 23.1 21.4 32.2



#33

1,2-Dichloroethane-d4

Concen: 54.370 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VY000429.D

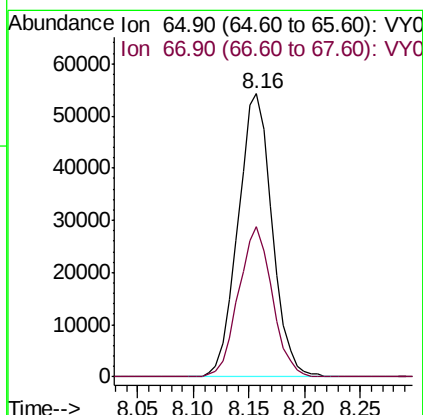
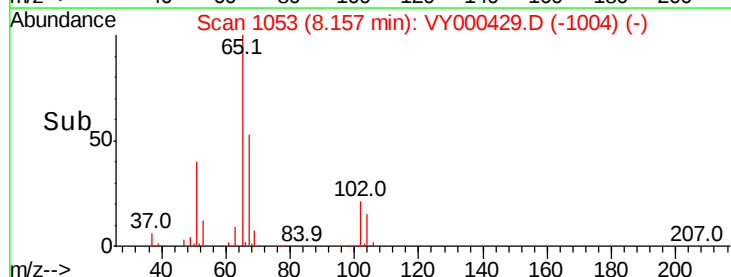
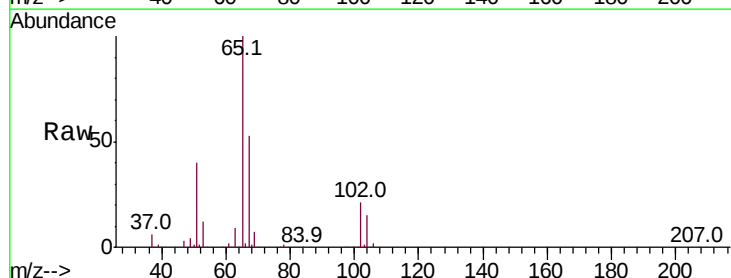
Acq: 25 Oct 2019 15:19

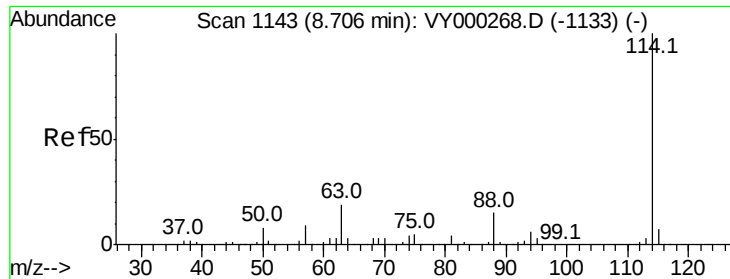
Tgt Ion: 65 Resp: 115274

Ion Ratio Lower Upper

65 100

67 52.4 0.0 109.4

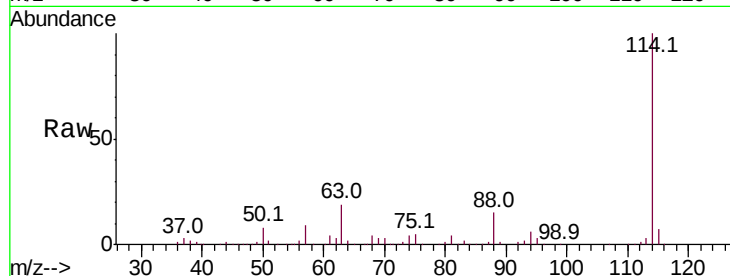




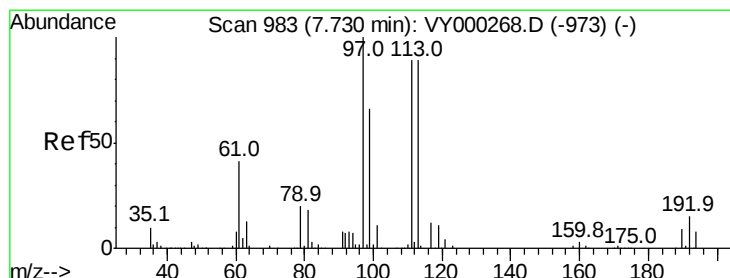
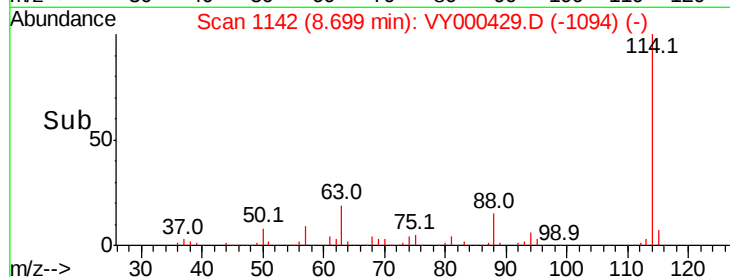
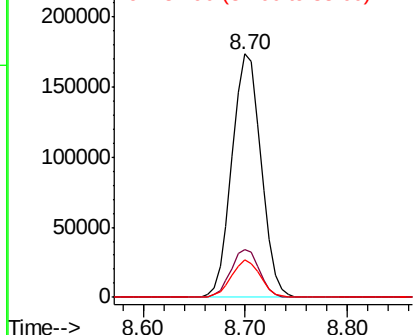
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY000429.D
 Acq: 25 Oct 2019 15:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 161-78-(1.1)

Tot Ion:	114	Resp:	342005
Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	37.2
88	15.5	0.0	30.2

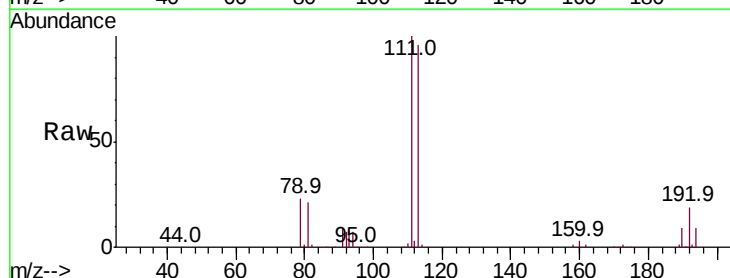


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

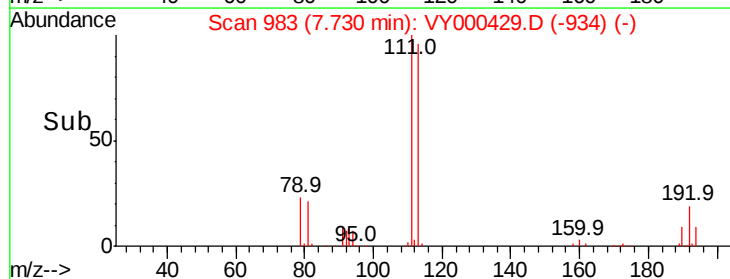
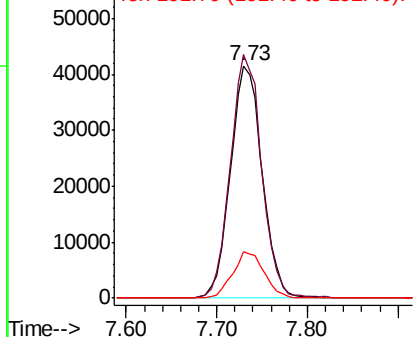


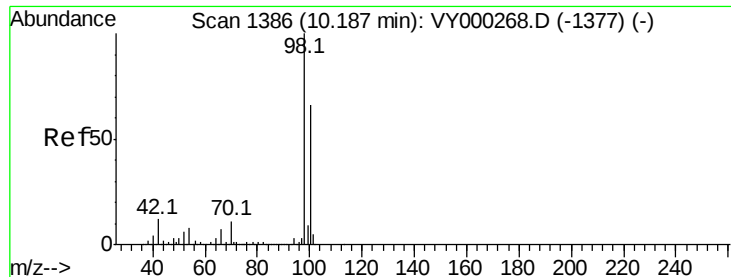
#35
 Dibromofluoromethane
 Concen: 48.705 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000429.D
 Acq: 25 Oct 2019 15:19

Tgt Ion:	113	Resp:	100479
Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.6	122.4
192	19.8	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: 49.875 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.00 min

Lab File: VY000429.D

Acq: 25 Oct 2019 15:19

Instrument :

MSVOA_Y

ClientSampleId :

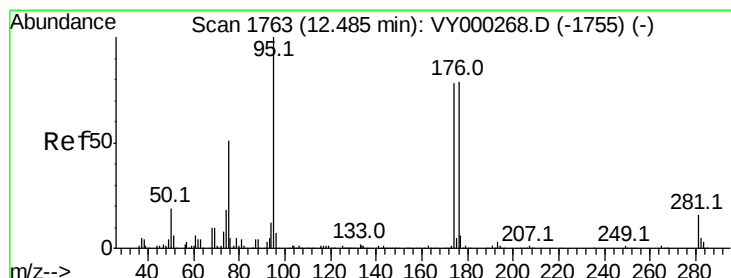
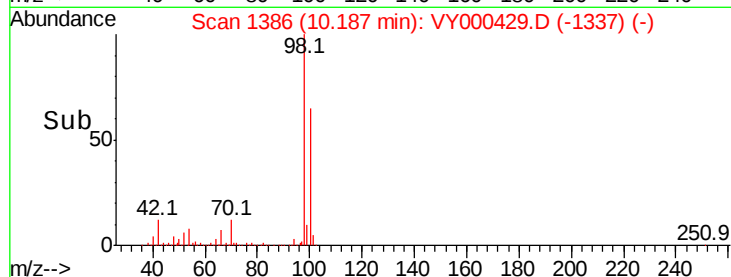
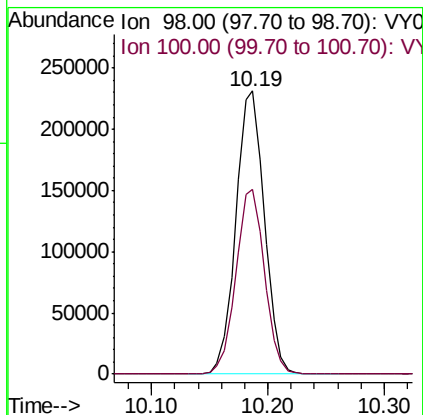
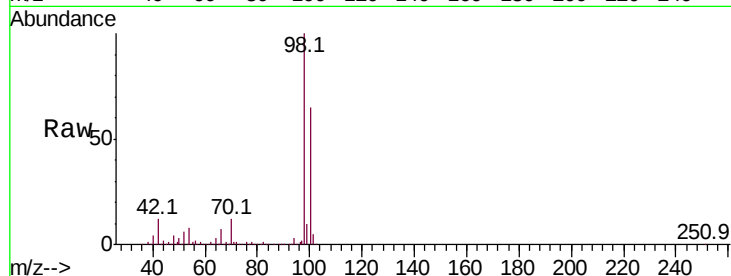
161-78-(1.1)

Tot Ion: 98 Resp: 395797

Ion Ratio Lower Upper

98 100

100 65.3 52.8 79.2



#62

4-Bromofluorobenzene

Concen: 41.601 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY000429.D

Acq: 25 Oct 2019 15:19

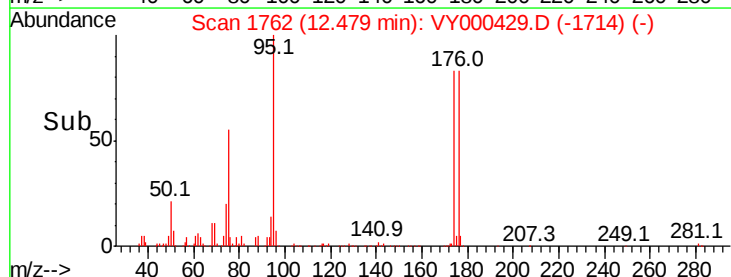
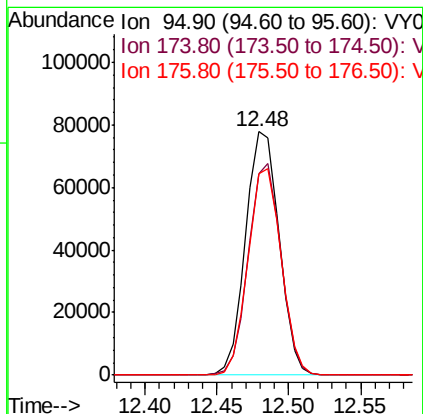
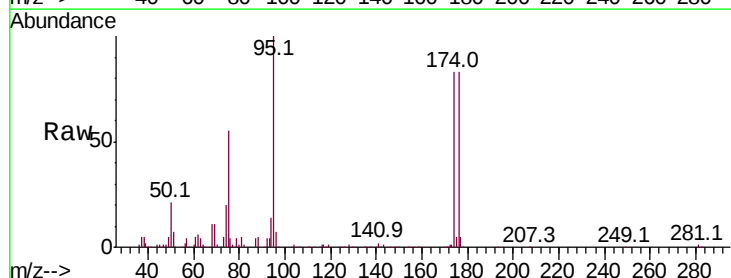
Tgt Ion: 95 Resp: 125423

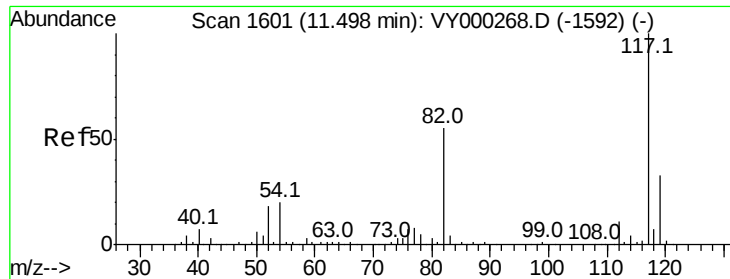
Ion Ratio Lower Upper

95 100

174 84.3 0.0 159.6

176 83.8 0.0 153.8

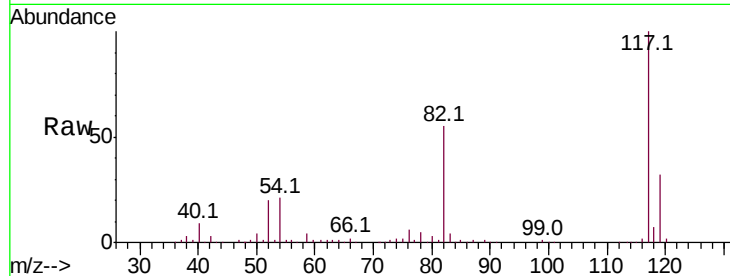




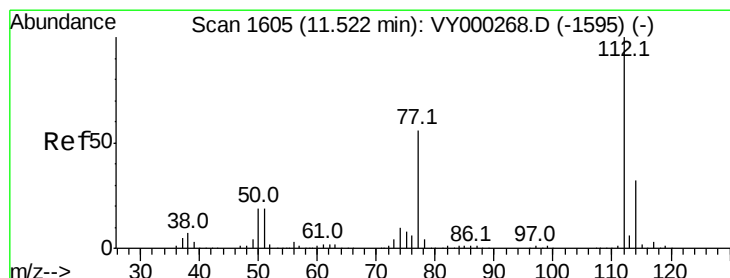
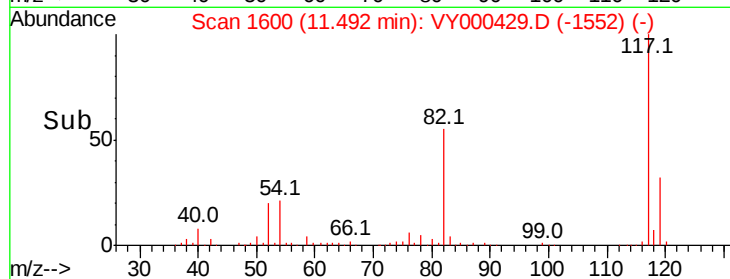
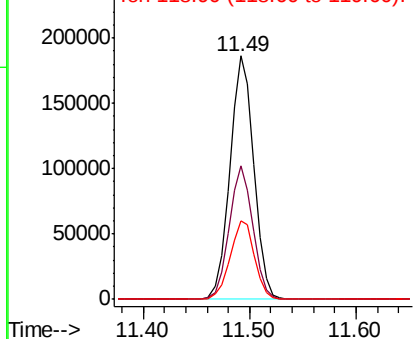
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000429.D
Acq: 25 Oct 2019 15:19

Instrument :
MSVOA_Y
ClientSampleId :
161-78-(1.1)

Tot Ion:117 Resp: 292335
Ion Ratio Lower Upper
117 100
82 54.8 43.7 65.5
119 32.1 26.6 39.8

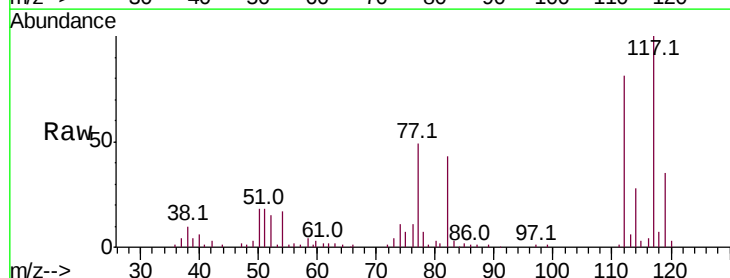


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

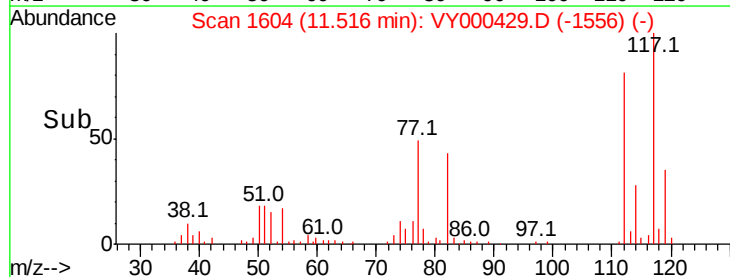
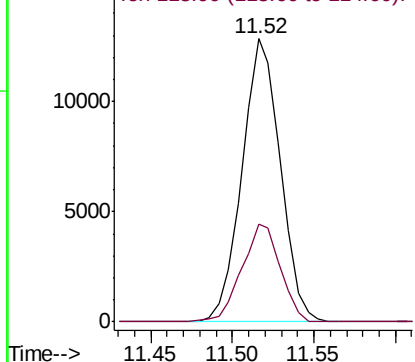


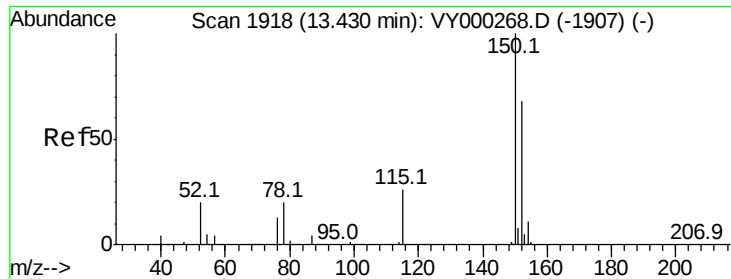
#65
Chlorobenzene
Concen: 3.393 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.01 min
Lab File: VY000429.D
Acq: 25 Oct 2019 15:19

Tgt Ion:112 Resp: 20934
Ion Ratio Lower Upper
112 100
114 34.7 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): 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: VY000429.D
Acq: 25 Oct 2019 15:19

Instrument :
MSVOA_Y
ClientSampleId :
161-78-(1.1)

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.1	29.3	88.0
150	157.6	0.0	348.4

