

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102519\
 Data File : VY000427.D
 Acq On : 25 Oct 2019 14:33
 Operator : SY/MD
 Sample : K5539-02
 Misc : 5.77G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 160-62-(1)

Quant Time: Oct 26 02:42:53 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

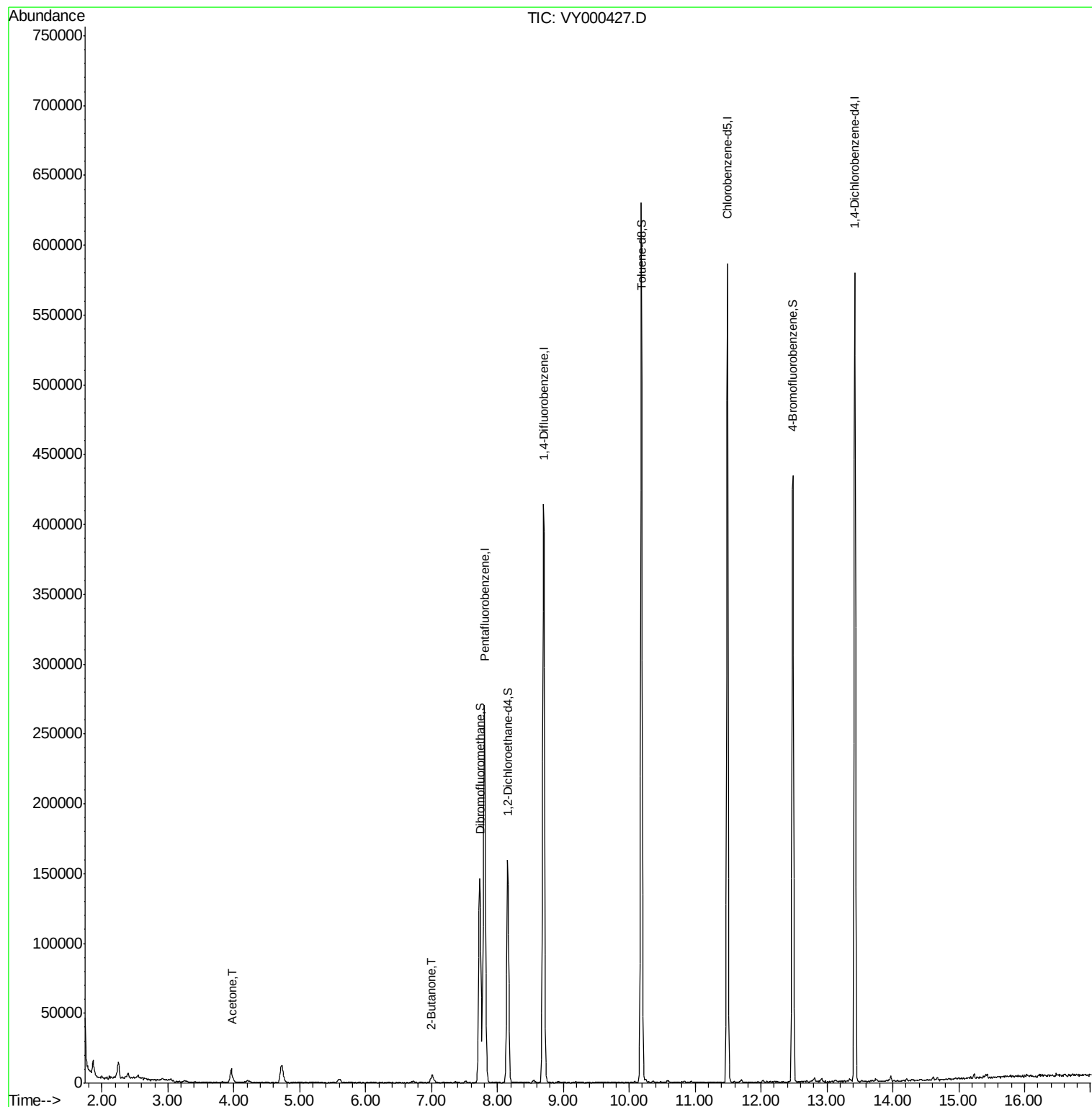
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	207147	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	351999	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	309955	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	138476	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	120299	55.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.10%	
35) Dibromofluoromethane	7.73	113	105323	49.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.20%	
50) Toluene-d8	10.19	98	411418	50.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.74%	
62) 4-Bromofluorobenzene	12.48	95	133188	42.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.84%	
Target Compounds						
16) Acetone	3.97	43	16087	22.734	ug/l	97
25) 2-Butanone	7.00	43	8894	8.922	ug/l	94

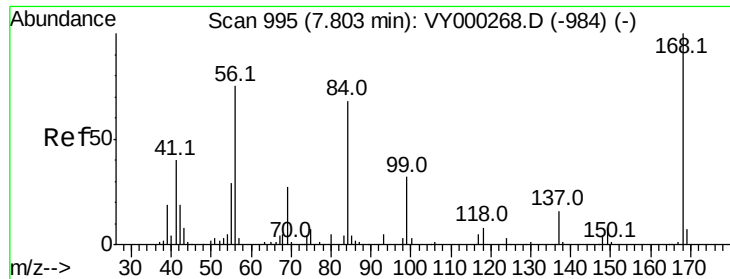
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY102519\
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Quant Title : SW846 8260
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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: VY000427.D

Acq: 25 Oct 2019 14:33

Instrument :

MSVOA_Y

ClientSampleId :

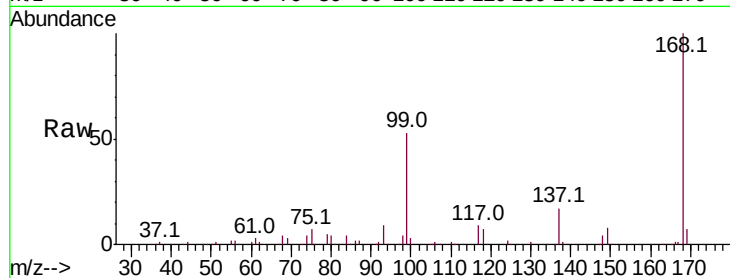
160-62-(1)

Tot Ion:168 Resp: 207147

Ion Ratio Lower Upper

168 100

99 53.0 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VY000427.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000427.D (-946) (-)

7.80

100000

80000

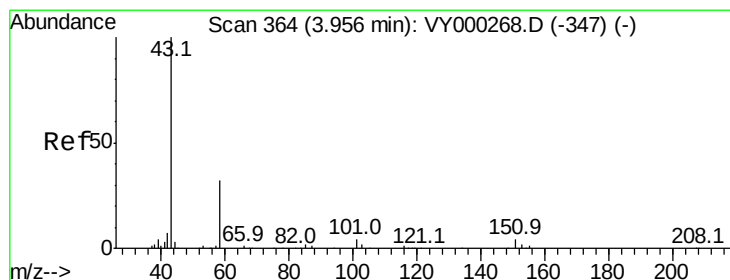
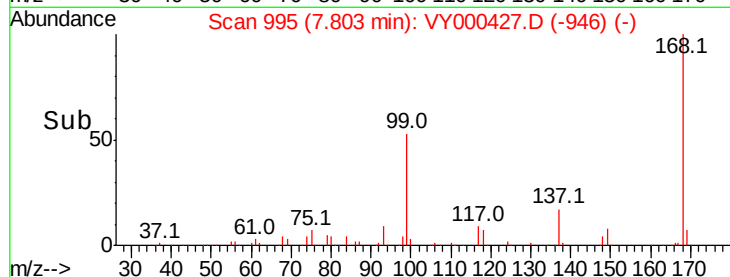
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 22.734 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.01 min

Lab File: VY000427.D

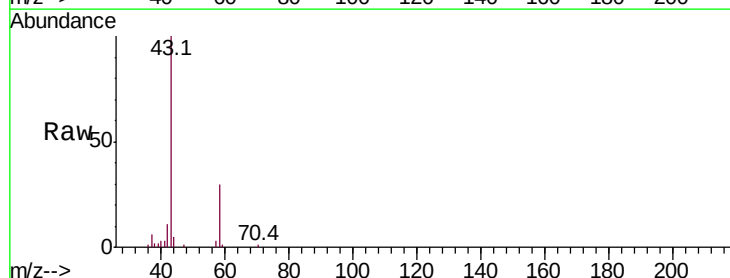
Acq: 25 Oct 2019 14:33

Tgt Ion: 43 Resp: 16087

Ion Ratio Lower Upper

43 100

58 30.3 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VY000427.D (-315) (-)

Ion 58.00 (57.70 to 58.70): VY000427.D (-315) (-)

3.97

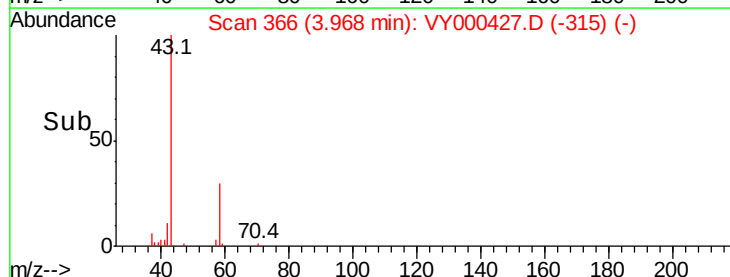
6000

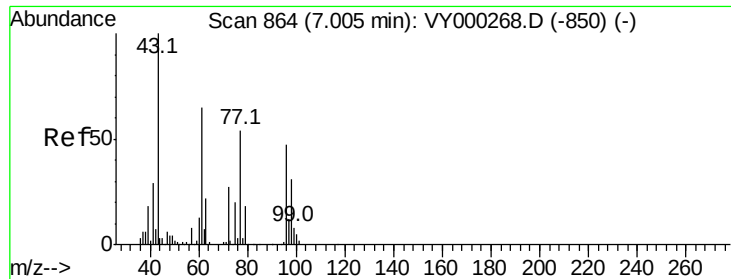
4000

2000

0

Time-->





#25

2-Butanone

Concen: 8.922 ug/l

RT: 7.00 min Scan# 864

Delta R.T. -0.00 min

Lab File: VY000427.D

Acq: 25 Oct 2019 14:33

Instrument :

MSVOA_Y

ClientSampleId :

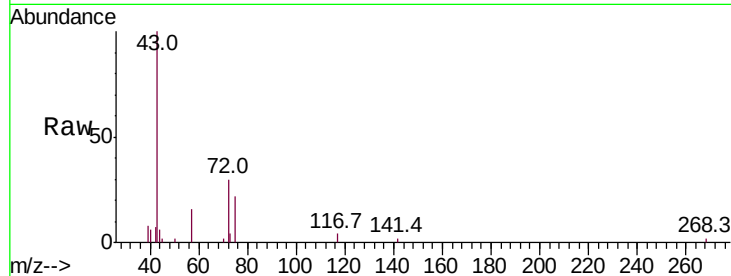
160-62-(1)

Tot Ion: 43 Resp: 8894

Ion Ratio Lower Upper

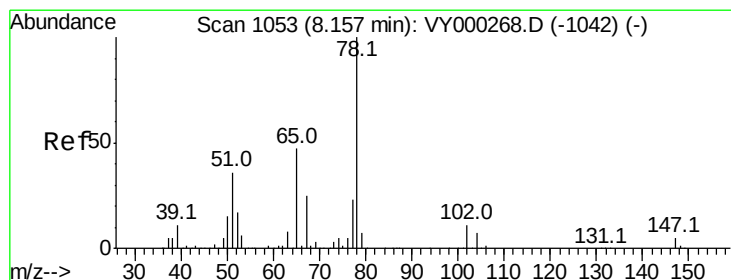
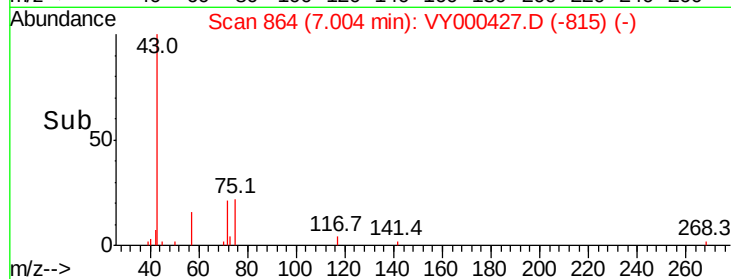
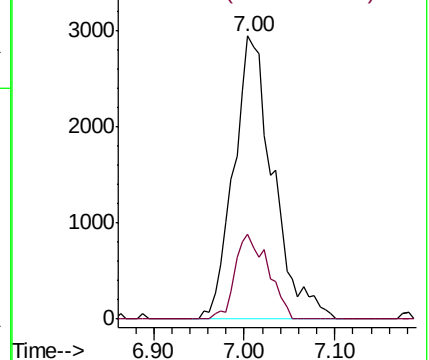
43 100

72 30.2 21.4 32.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#33

1,2-Dichloroethane-d4

Concen: 55.055 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VY000427.D

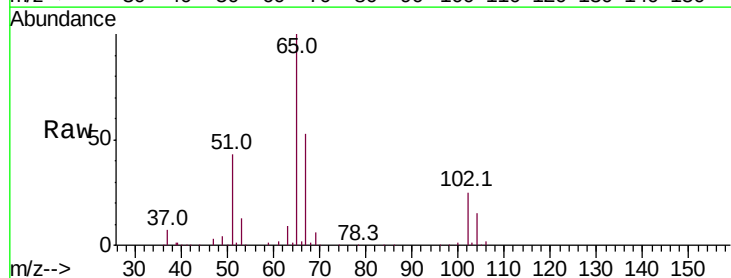
Acq: 25 Oct 2019 14:33

Tgt Ion: 65 Resp: 120299

Ion Ratio Lower Upper

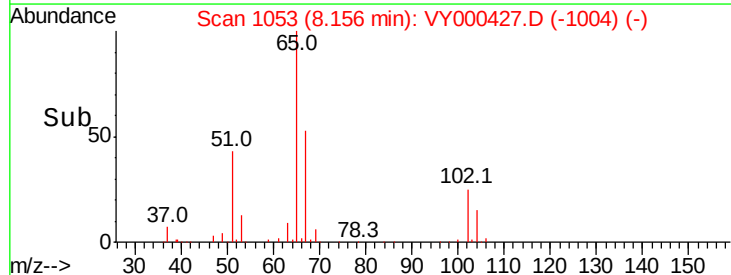
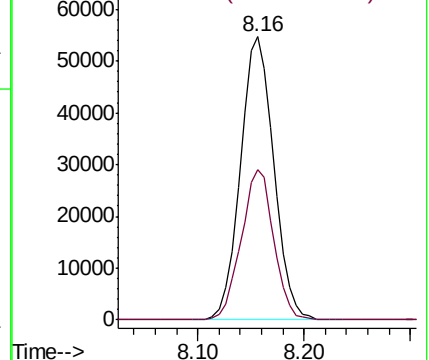
65 100

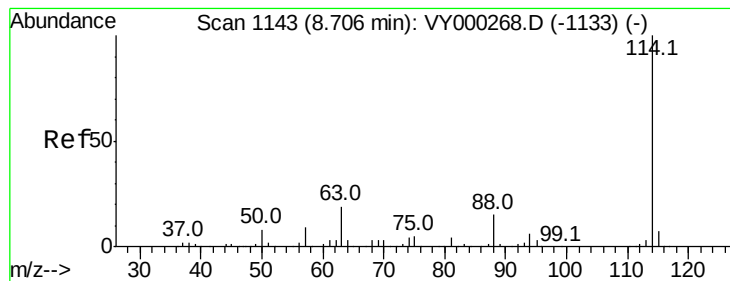
67 51.8 0.0 109.4



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: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY000427.D

Acq: 25 Oct 2019 14:33

Instrument :

MSVOA_Y

ClientSampleId :

160-62-(1)

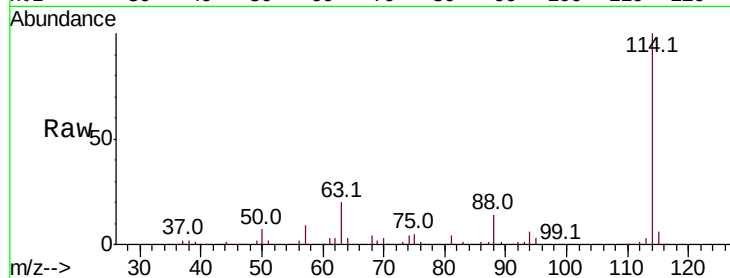
Tot Ion:114 Resp: 351999

Ion Ratio Lower Upper

114 100

63 19.9 0.0 37.2

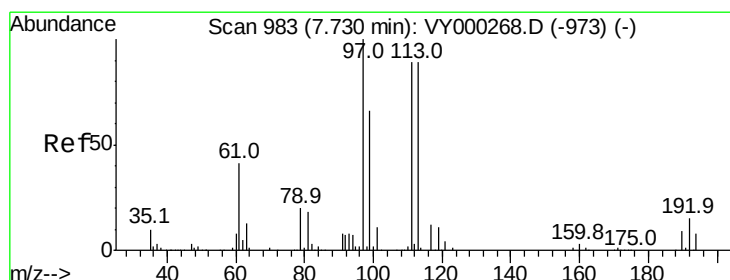
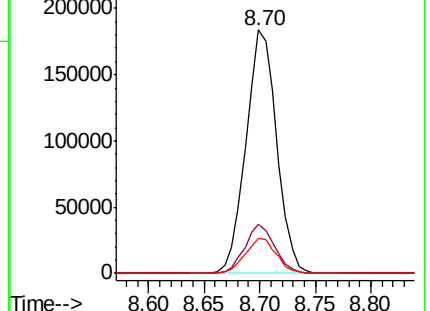
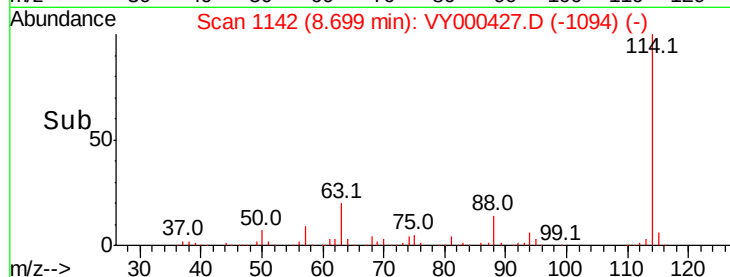
88 14.2 0.0 30.2



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: 49.604 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY000427.D

Acq: 25 Oct 2019 14:33

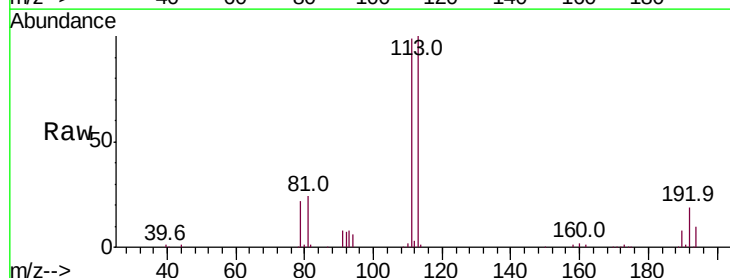
Tgt Ion:113 Resp: 105323

Ion Ratio Lower Upper

113 100

111 98.9 81.6 122.4

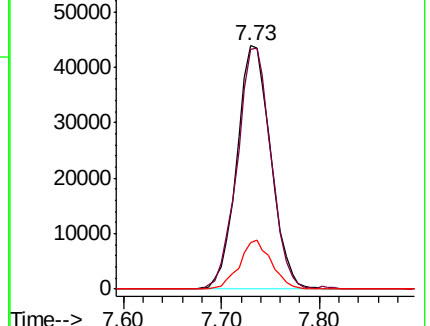
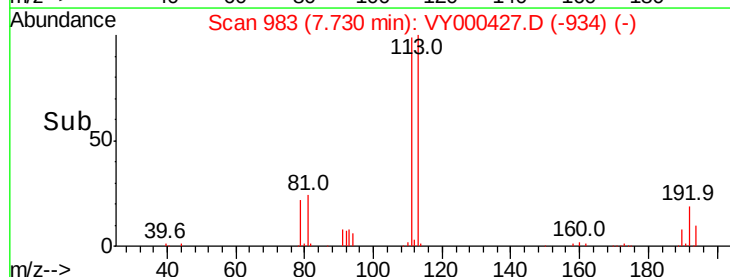
192 18.9 15.3 22.9

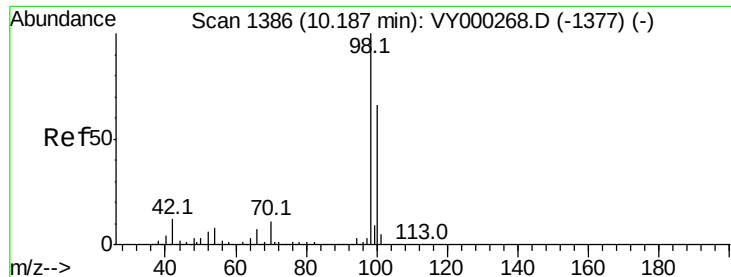


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

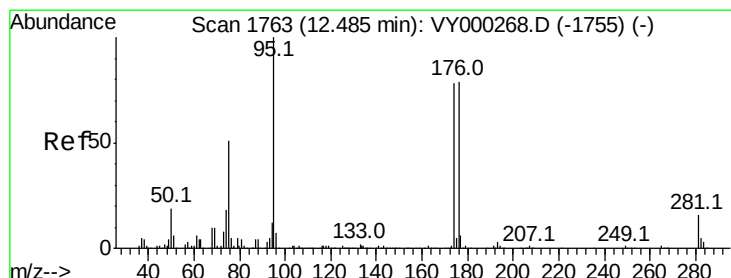
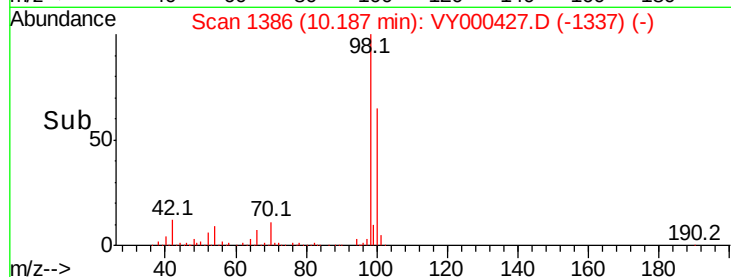
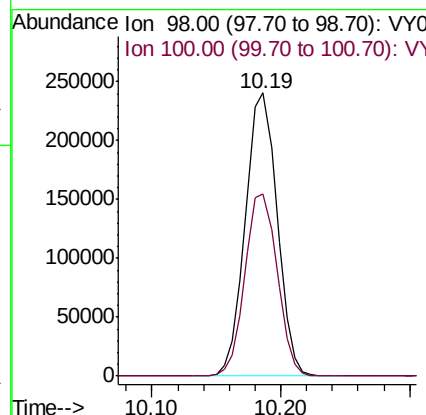
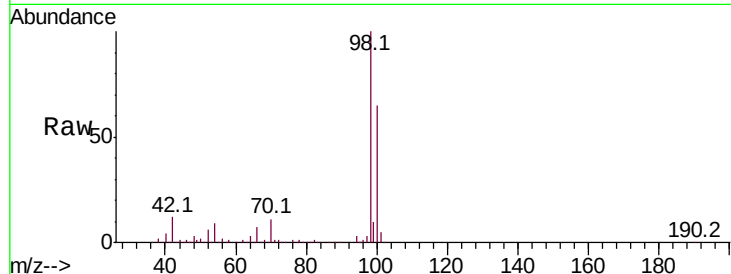




#50
Toluene-d8
Concen: 50.371 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.00 min
Lab File: VY000427.D
Acq: 25 Oct 2019 14:33

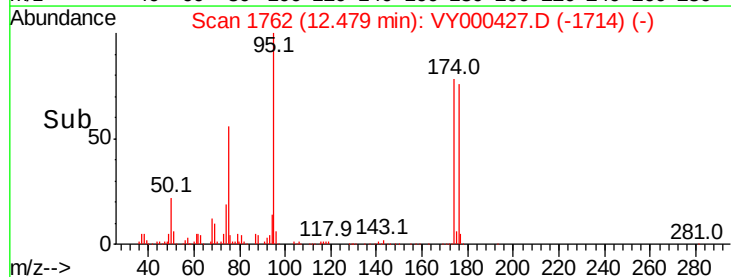
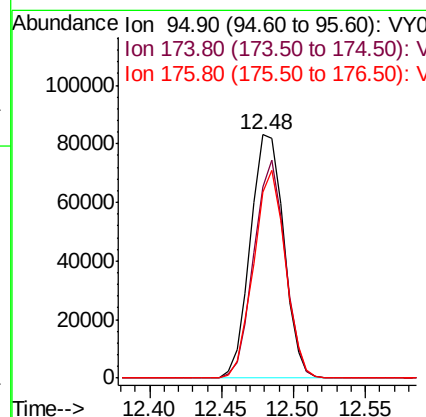
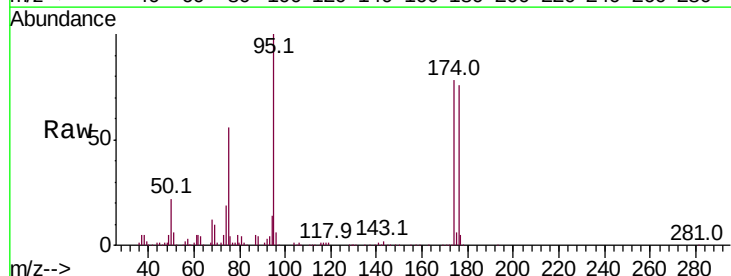
Instrument :
MSVOA_Y
ClientSampleId :
160-62-(1)

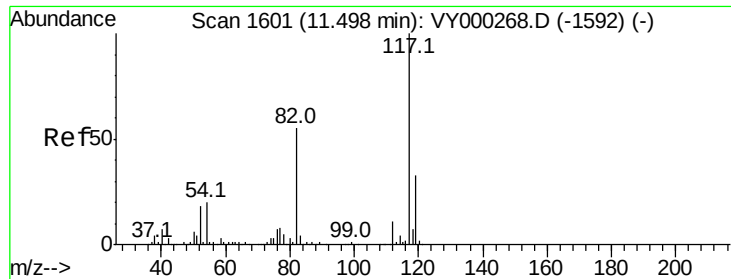
Tot Ion: 98 Resp: 411418
Ion Ratio Lower Upper
98 100
100 65.5 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 42.922 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.01 min
Lab File: VY000427.D
Acq: 25 Oct 2019 14:33

Tgt Ion: 95 Resp: 133188
Ion Ratio Lower Upper
95 100
174 83.7 0.0 159.6
176 81.1 0.0 153.8

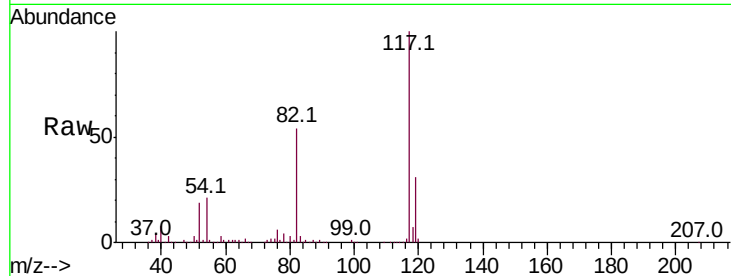




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000427.D
Acq: 25 Oct 2019 14:33

Instrument :
MSVOA_Y
ClientSampleId :
160-62-(1)

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.0	43.7	65.5
119	31.5	26.6	39.8

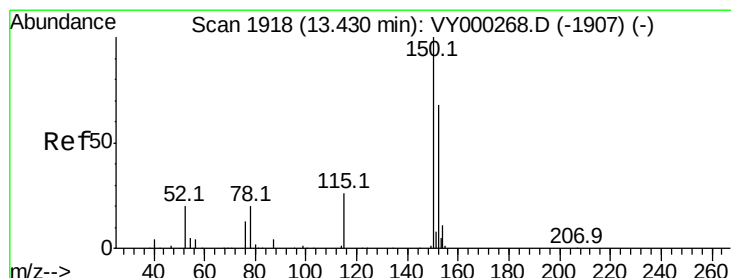
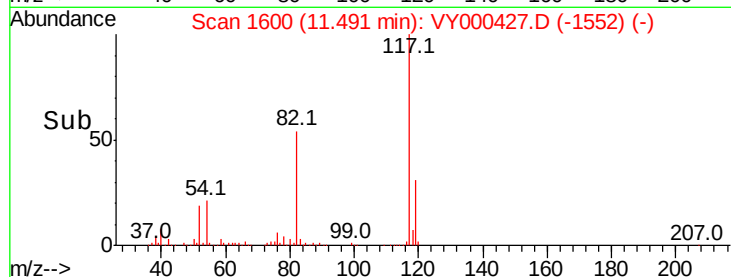
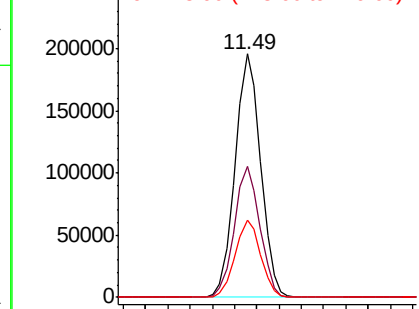


Abundance

Ion 116.90 (116.60 to 117.60): V

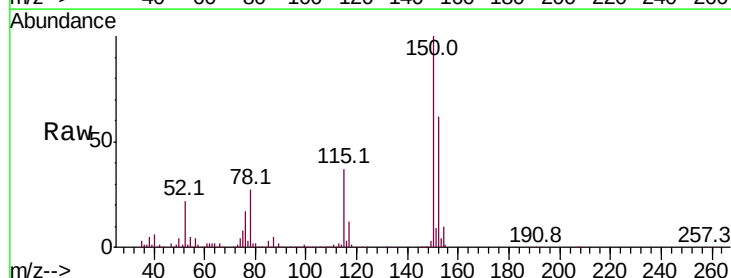
Ion 82.00 (81.70 to 82.70): VY0

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: VY000427.D
Acq: 25 Oct 2019 14:33

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.1	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

