

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102519\
 Data File : VY000431.D
 Acq On : 25 Oct 2019 16:05
 Operator : SY/MD
 Sample : K5539-10
 Misc : 6.69G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 162-94-(1)

Quant Time: Oct 26 02:58:40 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

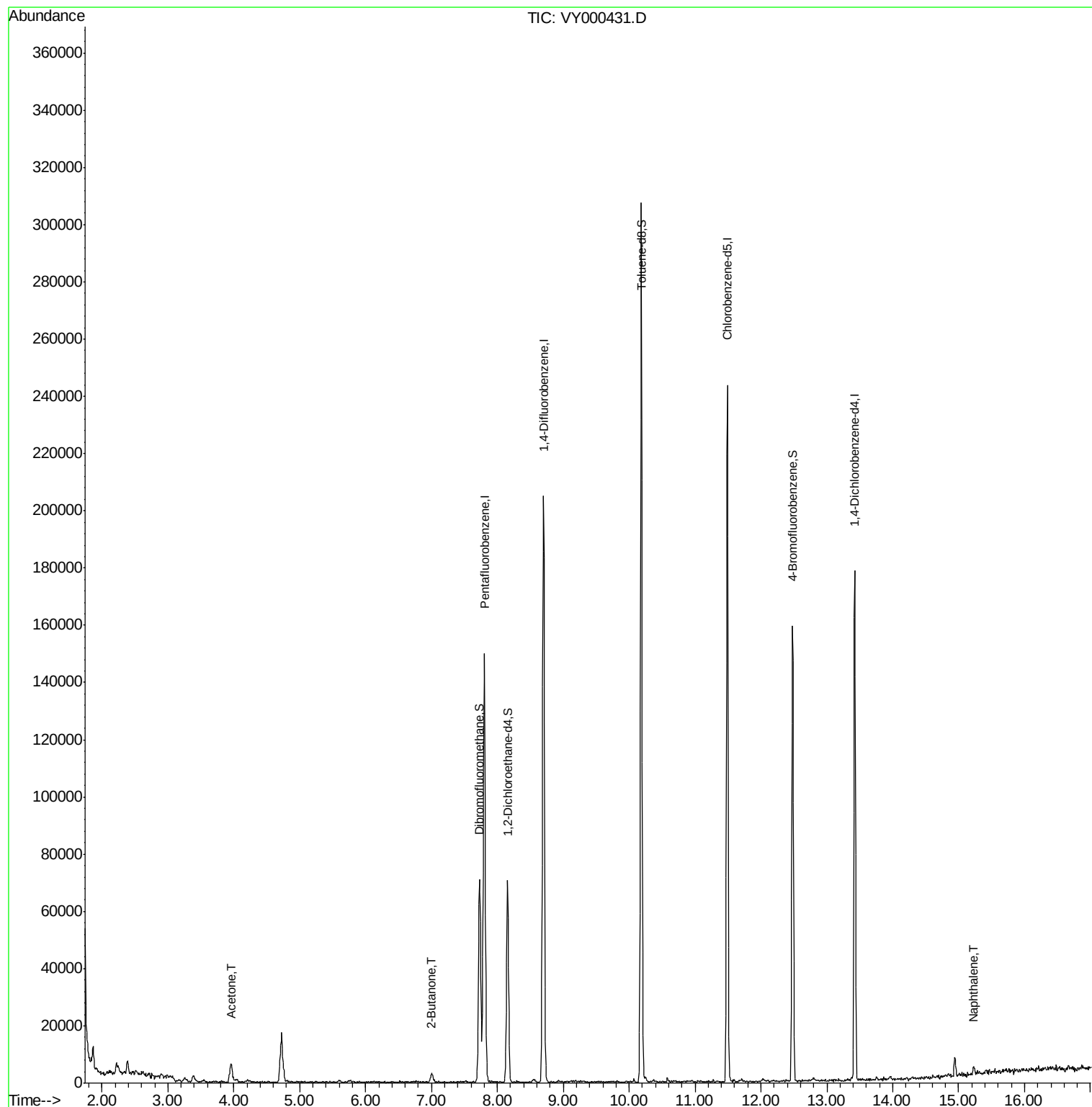
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	110487	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	174020	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	129384	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	42233	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	52701	45.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.44%	
35) Dibromofluoromethane	7.73	113	47736	45.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.96%	
50) Toluene-d8	10.18	98	193573	47.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.88%	
62) 4-Bromofluorobenzene	12.48	95	46942	30.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	61.20%	
Target Compounds						
16) Acetone	3.95	43	10817	28.660	ug/l #	87
25) 2-Butanone	7.00	43	4378	8.234	ug/l #	82
95) Naphthalene	15.23	128	2645	1.303	ug/l #	95

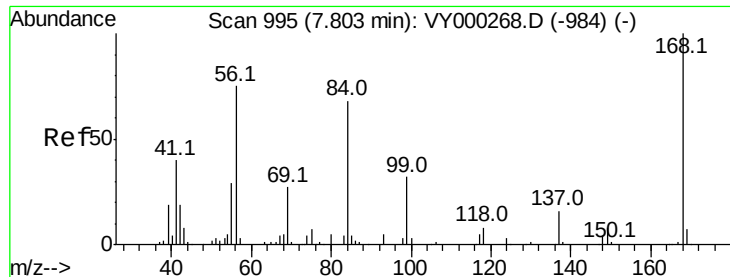
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY102519\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 17 02:03:07 2019
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: VY000431.D

Acq: 25 Oct 2019 16:05

Instrument :

MSVOA_Y

ClientSampleId :

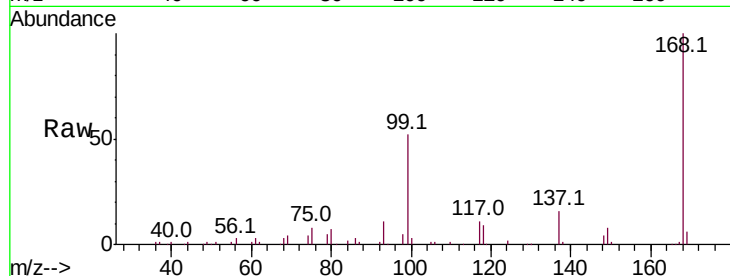
162-94-(1)

Tot Ion:168 Resp: 110487

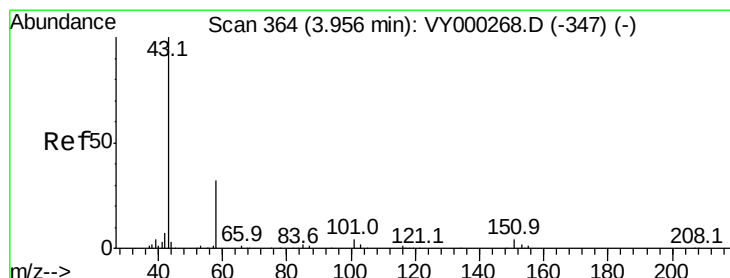
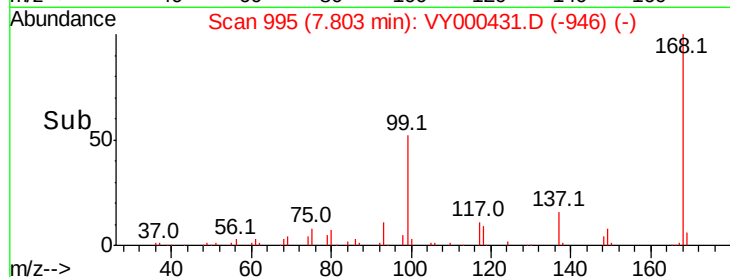
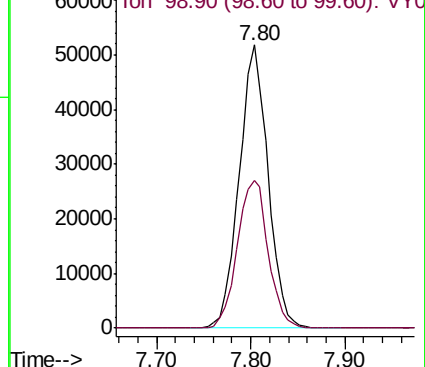
Ion Ratio Lower Upper

168 100

99 52.1 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VY000431.D (-946) (-)



#16

Acetone

Concen: 28.660 ug/l

RT: 3.95 min Scan# 363

Delta R.T. -0.01 min

Lab File: VY000431.D

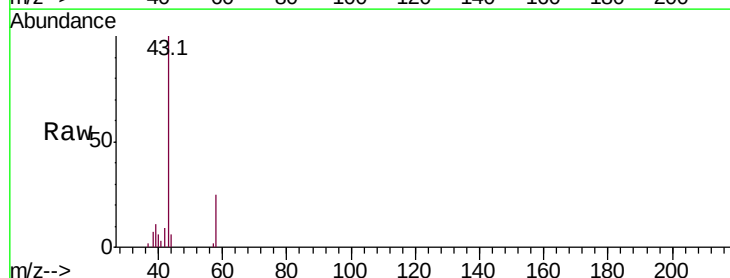
Acq: 25 Oct 2019 16:05

Tgt Ion: 43 Resp: 10817

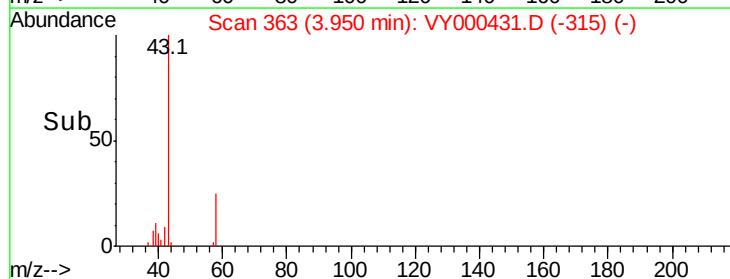
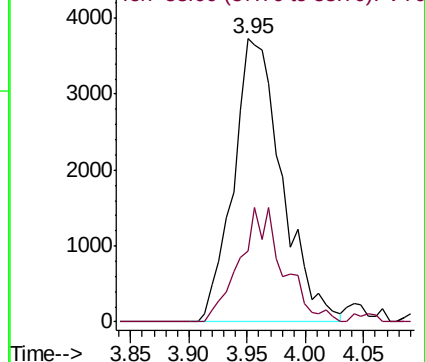
Ion Ratio Lower Upper

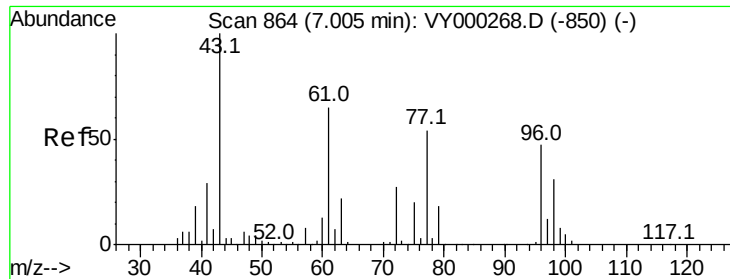
43 100

58 25.2 25.8 38.6#



Abundance Ion 43.00 (42.70 to 43.70): VY000431.D (-315) (-)





#25

2-Butanone

Concen: 8.234 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.00 min

Lab File: VY000431.D

Acq: 25 Oct 2019 16:05

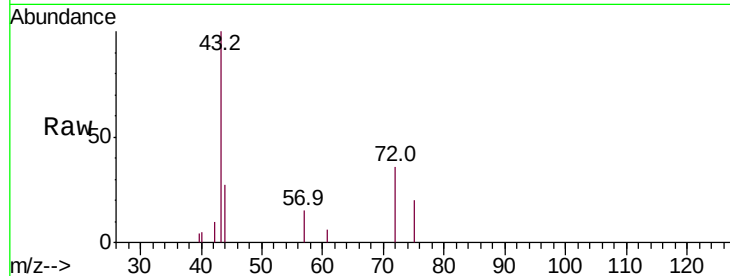
Instrument :
MSVOA_Y
ClientSampleId :
162-94-(1)

Tot Ion: 43 Resp: 4378

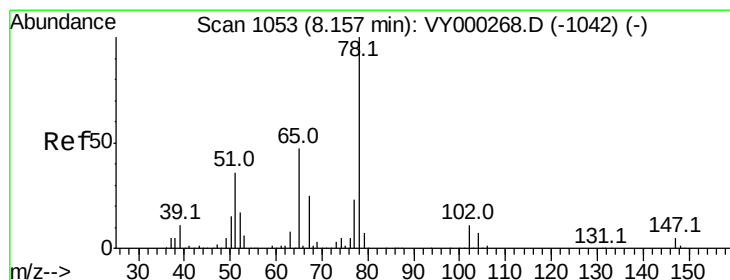
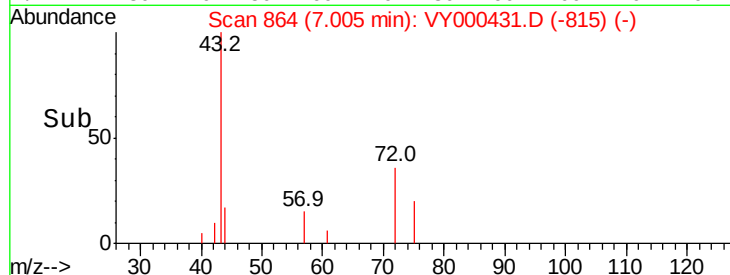
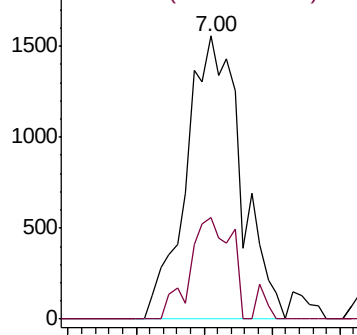
Ion Ratio Lower Upper

43 100

72 35.9 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: 45.219 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VY000431.D

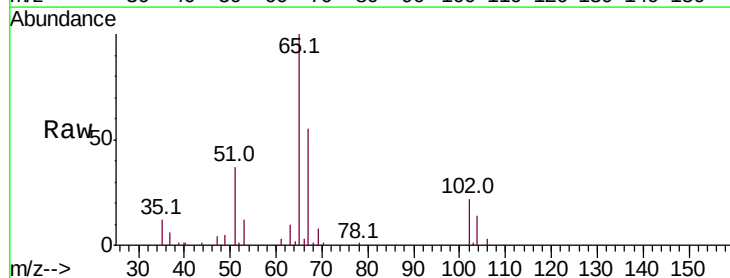
Acq: 25 Oct 2019 16:05

Tgt Ion: 65 Resp: 52701

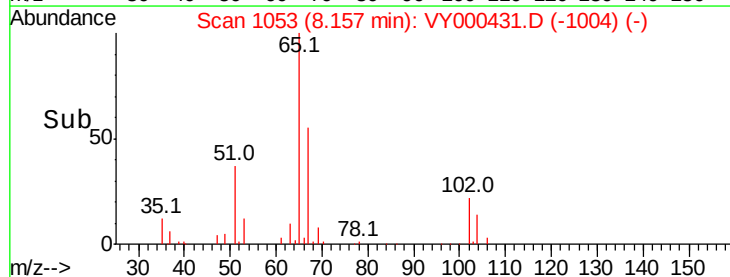
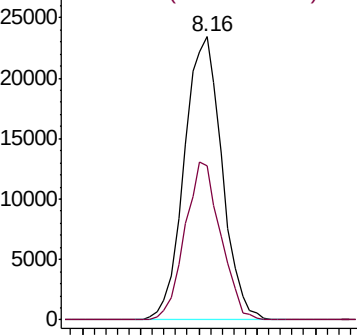
Ion Ratio Lower Upper

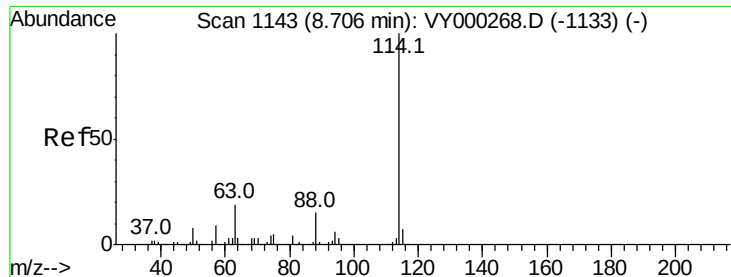
65 100

67 53.2 0.0 109.4



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

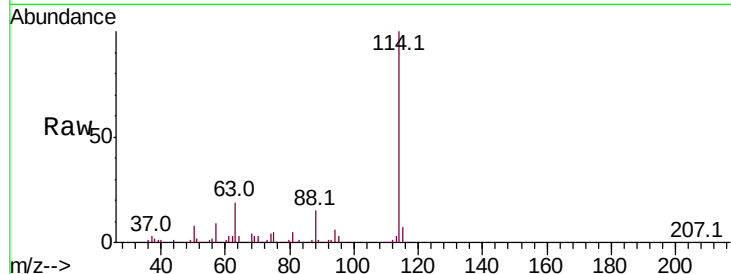




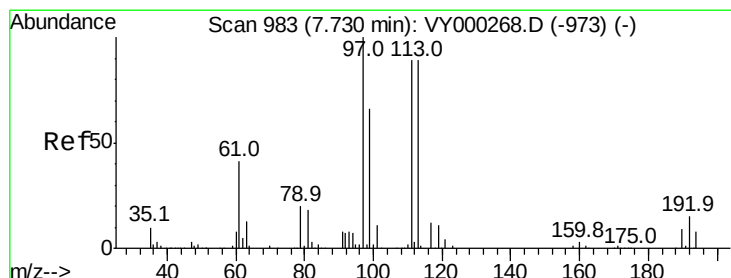
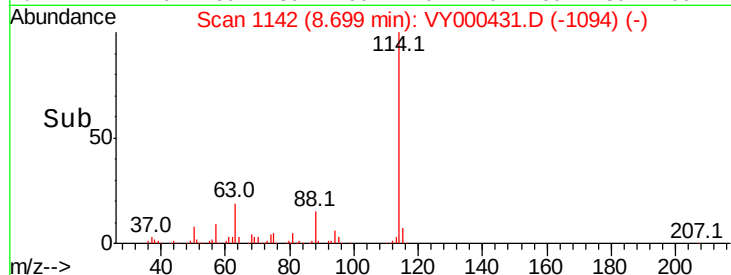
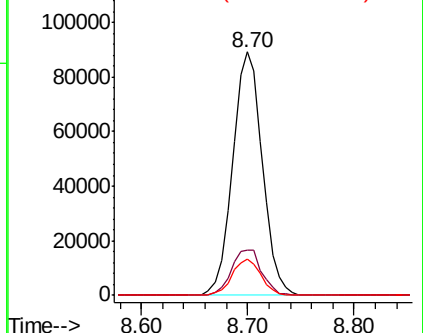
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY000431.D
 Acq: 25 Oct 2019 16:05

Instrument :
 MSVOA_Y
 ClientSampleId :
 162-94-(1)

Tot Ion:114 Resp: 174020
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 37.2
 88 14.7 0.0 30.2

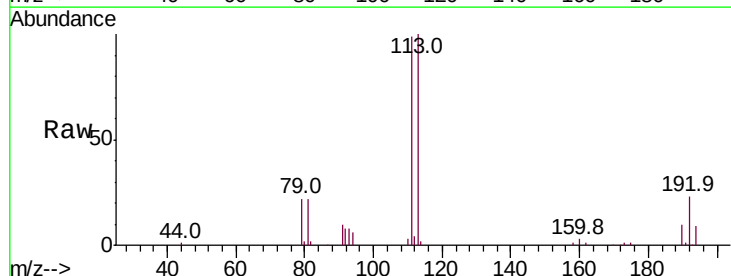


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

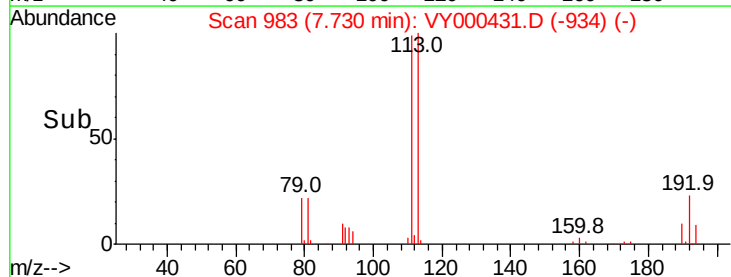
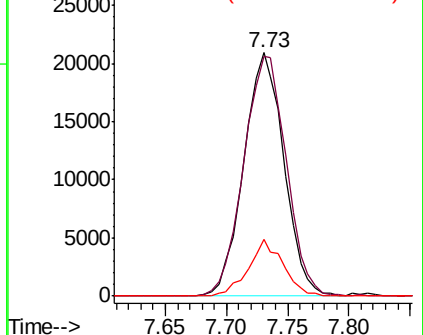


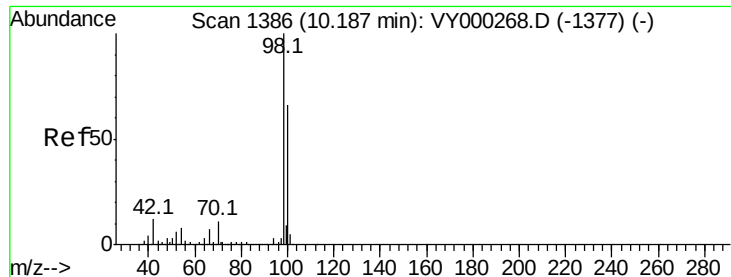
#35
 Dibromofluoromethane
 Concen: 45.476 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: VY000431.D
 Acq: 25 Oct 2019 16:05

Tgt Ion:113 Resp: 47736
 Ion Ratio Lower Upper
 113 100
 111 104.6 81.6 122.4
 192 20.1 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: 47.939 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY000431.D

Acq: 25 Oct 2019 16:05

Instrument :

MSVOA_Y

ClientSampleId :

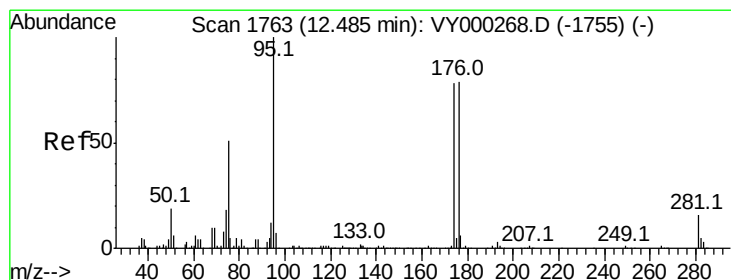
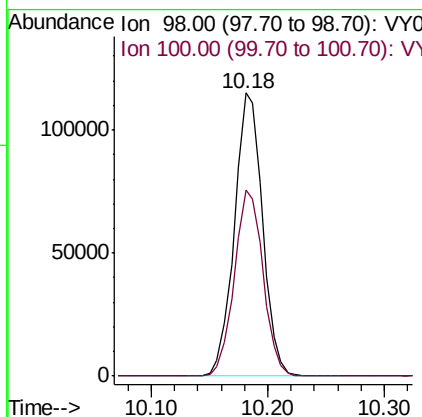
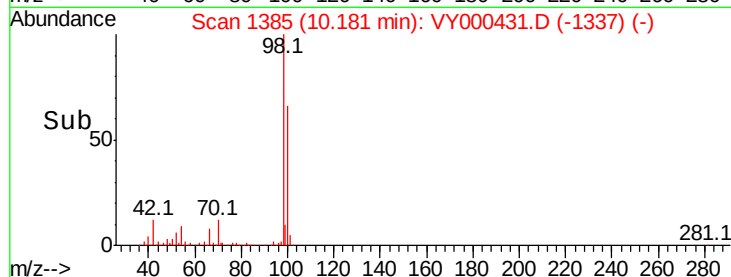
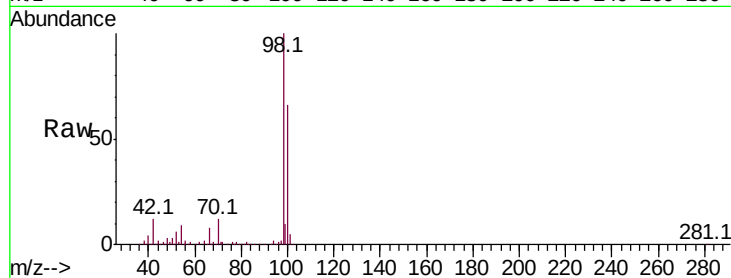
162-94-(1)

Tot Ion: 98 Resp: 193573

Ion Ratio Lower Upper

98 100

100 67.1 52.8 79.2



#62

4-Bromofluorobenzene

Concen: 30.600 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY000431.D

Acq: 25 Oct 2019 16:05

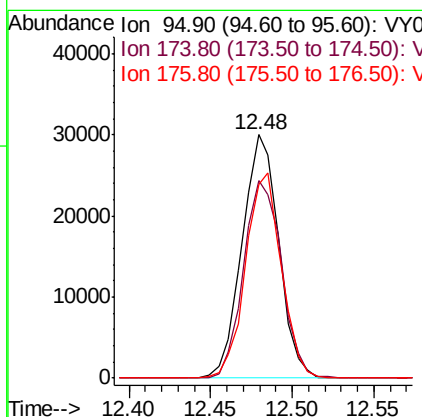
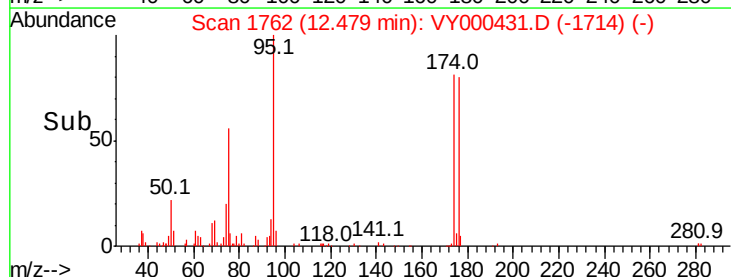
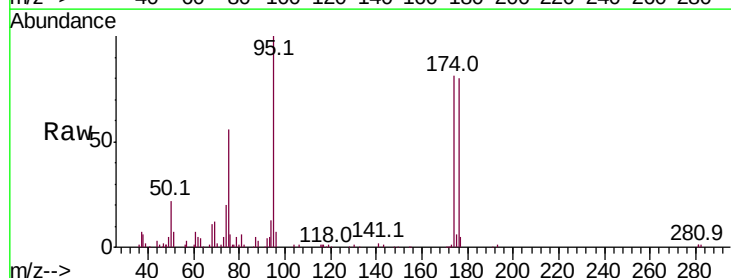
Tgt Ion: 95 Resp: 46942

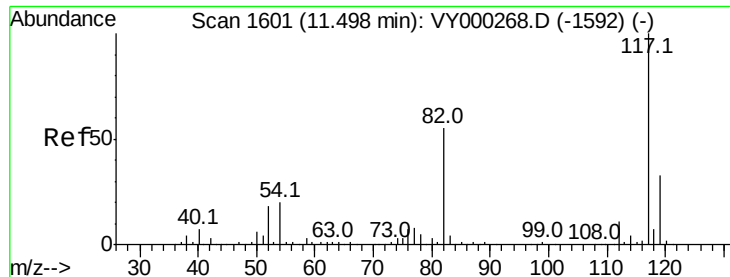
Ion Ratio Lower Upper

95 100

174 84.0 0.0 159.6

176 82.1 0.0 153.8

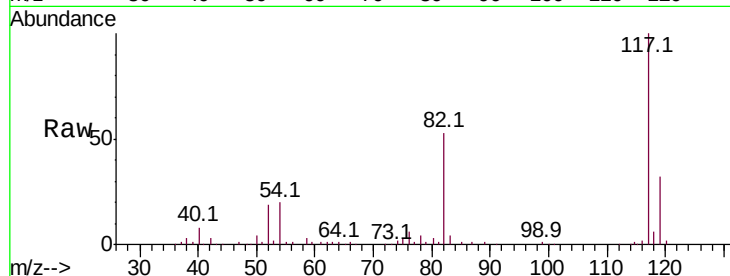




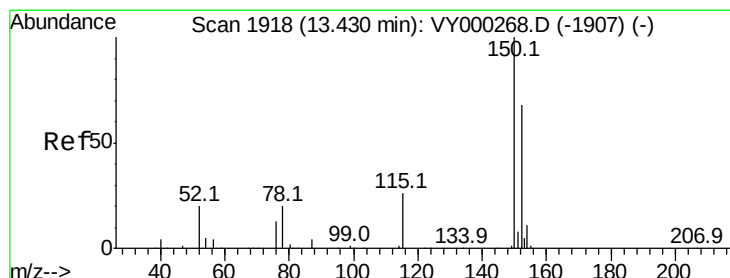
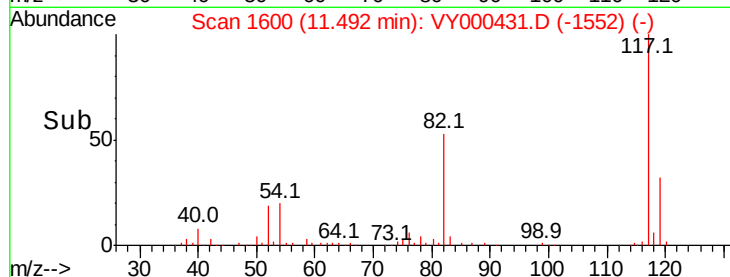
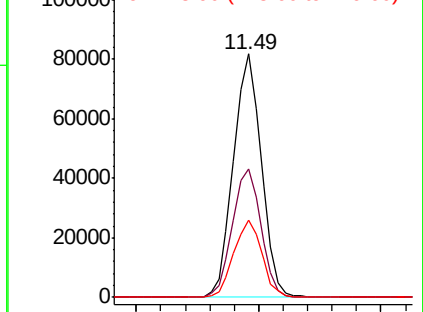
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000431.D
Acq: 25 Oct 2019 16:05

Instrument :
MSVOA_Y
ClientSampleId :
162-94-(1)

Tot Ion:117 Resp: 129384
Ion Ratio Lower Upper
117 100
82 52.7 43.7 65.5
119 31.9 26.6 39.8

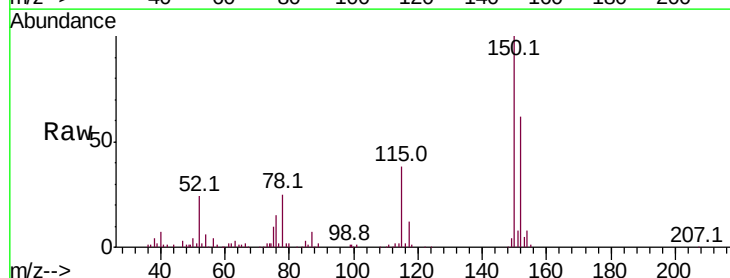


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

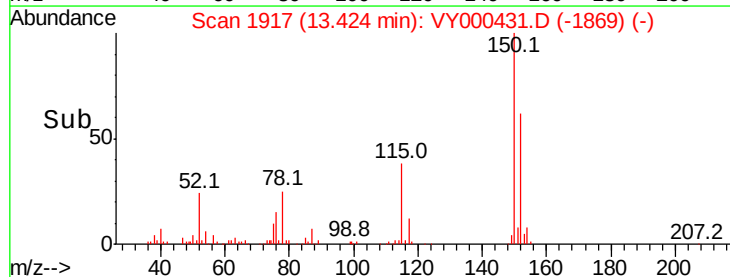
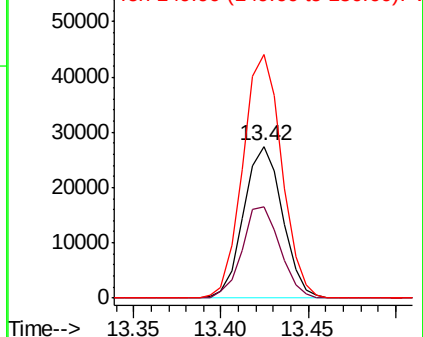


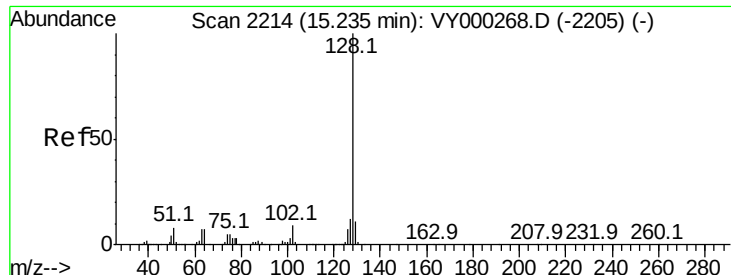
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000431.D
Acq: 25 Oct 2019 16:05

Tgt Ion:152 Resp: 42233
Ion Ratio Lower Upper
152 100
115 59.0 29.3 88.0
150 161.5 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: 1.303 ug/l

RT: 15.23 min Scan# 2213

Delta R.T. -0.01 min

Lab File: VY000431.D

Acq: 25 Oct 2019 16:05

Instrument :

MSVOA_Y

ClientSampleId :

162-94-(1)

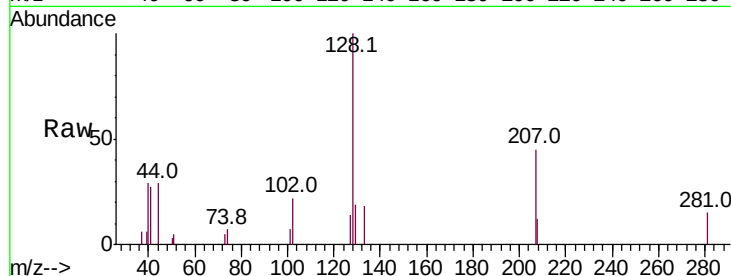
Tot Ion:128 Resp: 2645

Ion Ratio Lower Upper

128 100

127 13.0 9.6 14.4

129 13.8 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

