

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102419\
 Data File : VY000415.D
 Acq On : 24 Oct 2019 17:22
 Operator : SY/MD
 Sample : K5499-20
 Misc : 6.79G/5ML/MSVOA Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 702-27-(1)

Quant Time: Oct 25 07:36:01 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	94925	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	146334	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	111461	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	42600	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	48414	48.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.70%	
35) Dibromofluoromethane	7.73	113	40030	45.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.70%	
50) Toluene-d8	10.18	98	161652	47.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.22%	
62) 4-Bromofluorobenzene	12.48	95	43137	33.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	66.88%	

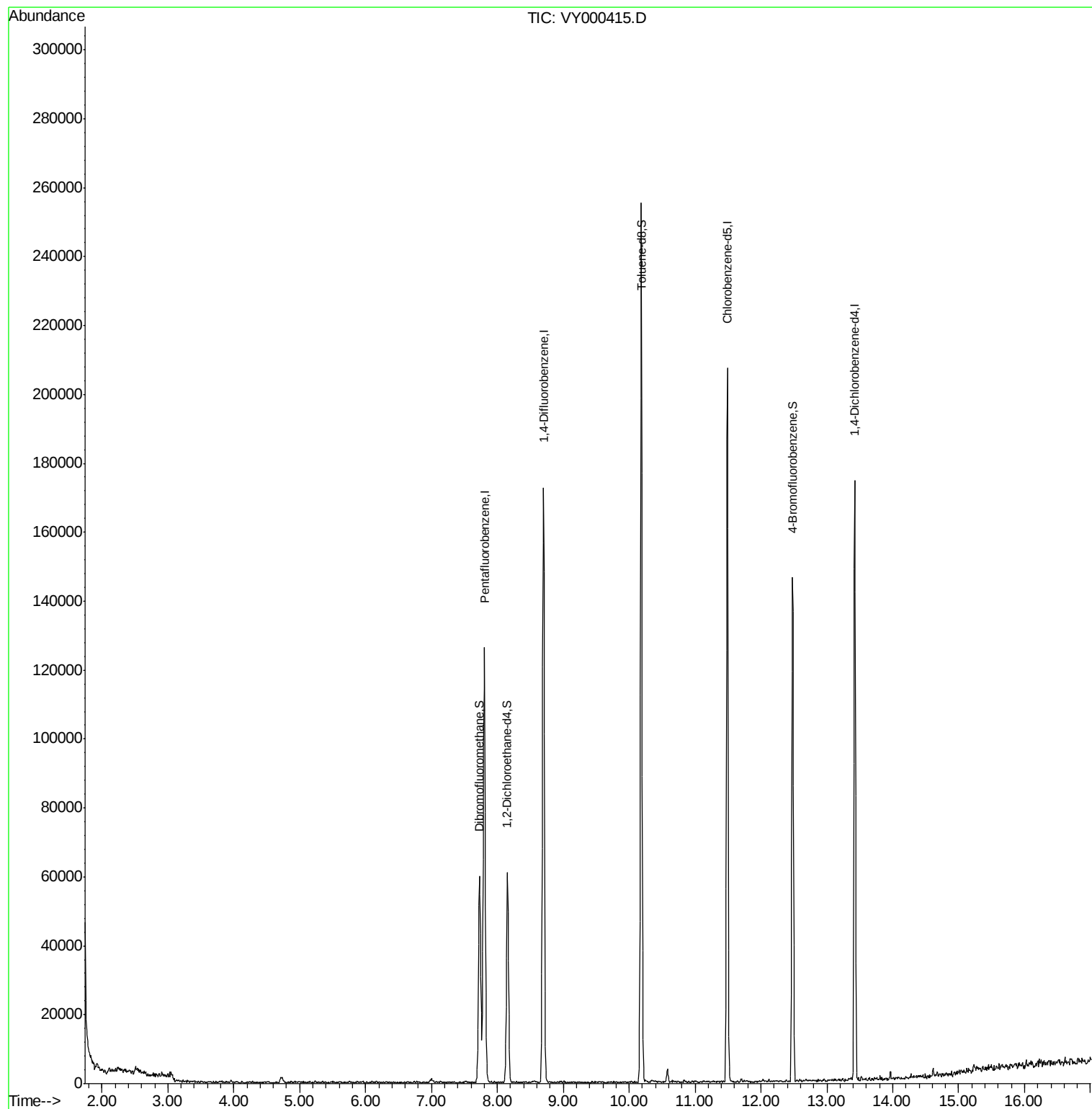
Target Compounds	Qvalue
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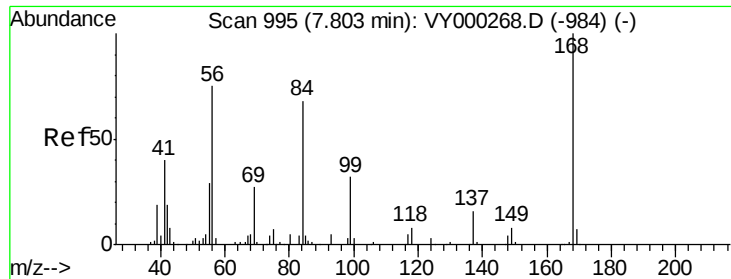
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY102419\
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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: VY000415.D

Acq: 24 Oct 2019 17:22

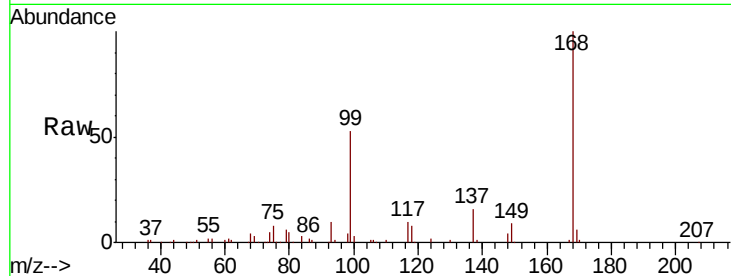
Instrument :
MSVOA_Y
ClientSampleId :
702-27-(1)

Tot Ion:168 Resp: 94925

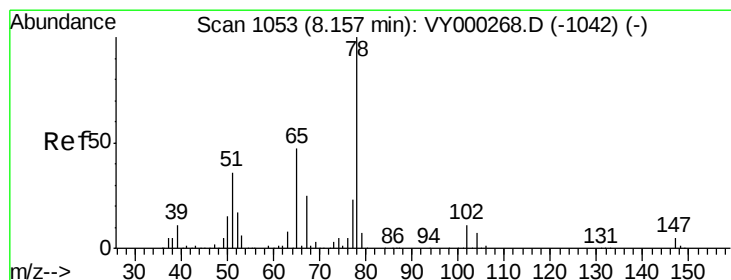
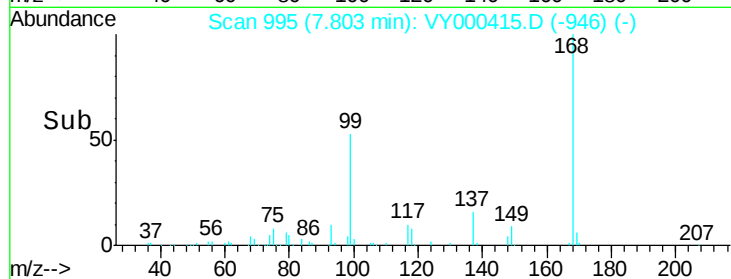
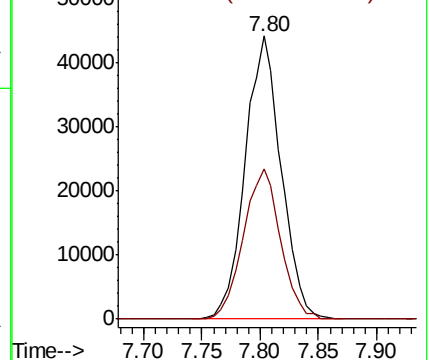
Ion Ratio Lower Upper

168 100

99 53.1 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VY000415.D (-946) (-)



#33

1,2-Dichloroethane-d4

Concen: 48.351 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VY000415.D

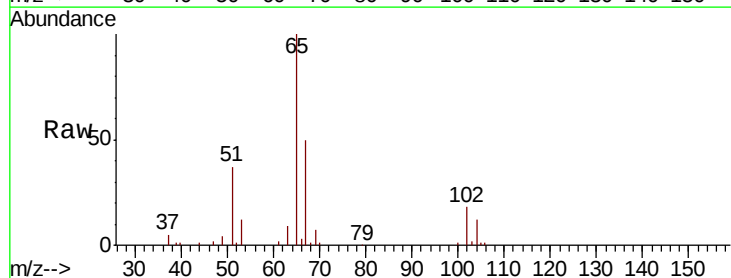
Acq: 24 Oct 2019 17:22

Tgt Ion: 65 Resp: 48414

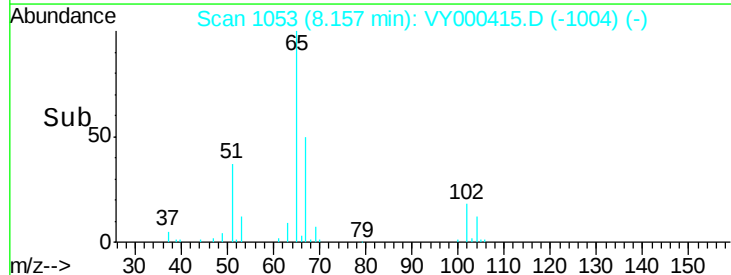
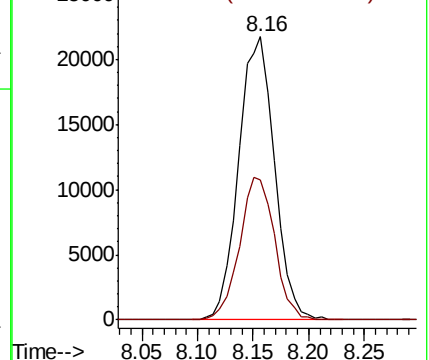
Ion Ratio Lower Upper

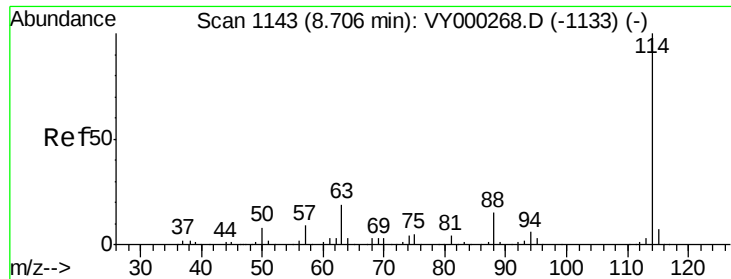
65 100

67 49.5 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VY000415.D (-1004) (-)

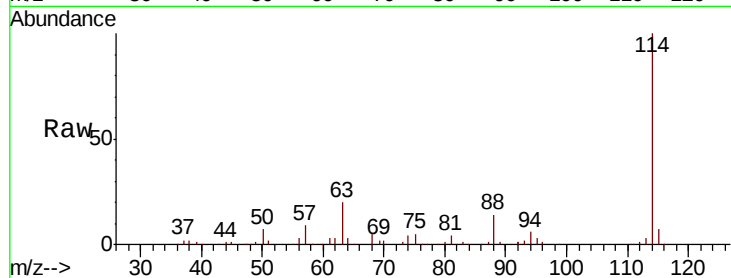




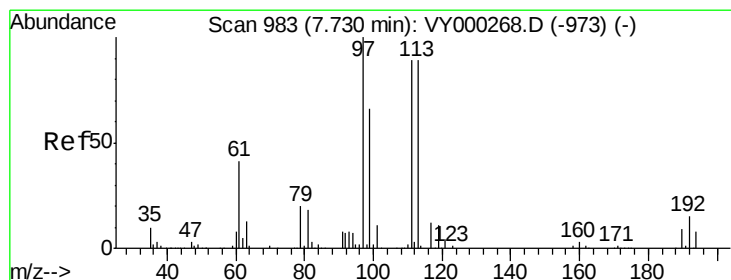
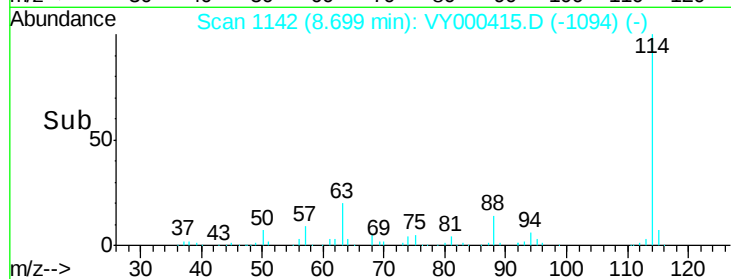
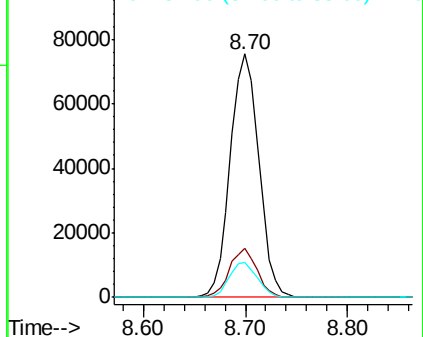
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY000415.D
 Acq: 24 Oct 2019 17:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 702-27-(1)

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	37.2
88	14.1	0.0	30.2

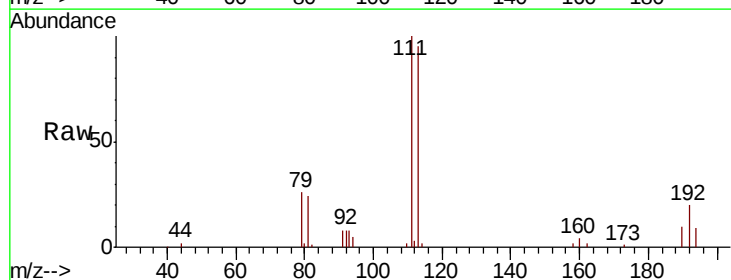


Abundance Ion 113.90 (113.60 to 114.60): VY000268.D (-1133) (-)

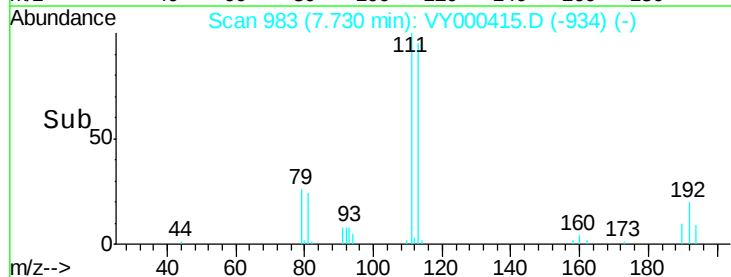
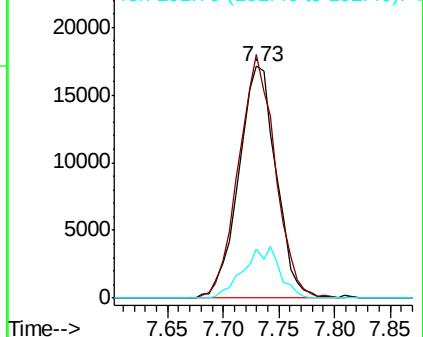


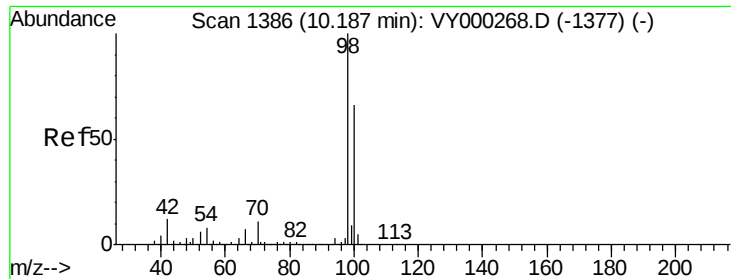
#35
 Dibromofluoromethane
 Concen: 45.350 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000415.D
 Acq: 24 Oct 2019 17:22

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.6	122.4
192	21.2	15.3	22.9



Abundance Ion 112.80 (112.50 to 113.50): VY000268.D (-973) (-)





#50

Toluene-d8

Concen: 47.607 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY000415.D

Acq: 24 Oct 2019 17:22

Instrument :

MSVOA_Y

ClientSampled :

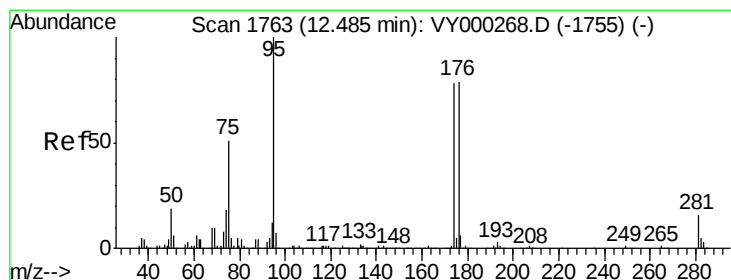
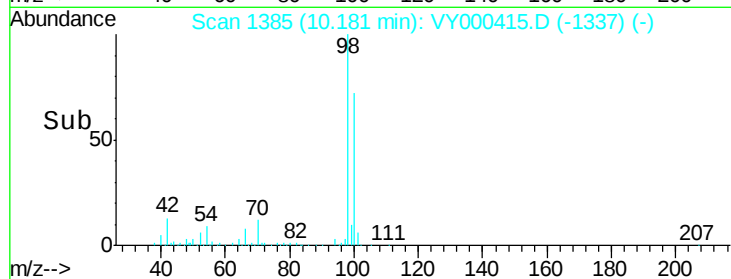
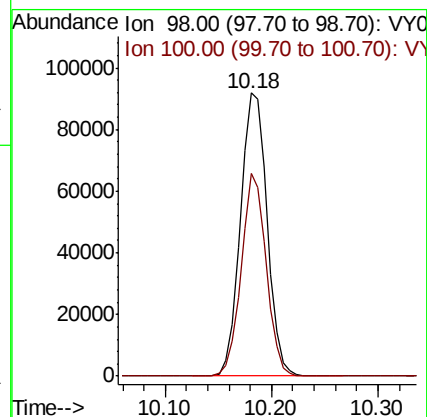
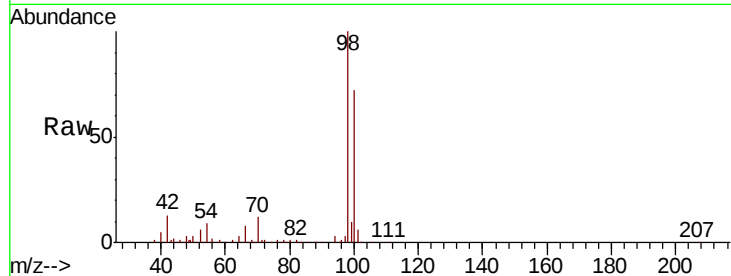
702-27-(1)

Tot Ion: 98 Resp: 161652

Ion Ratio Lower Upper

98 100

100 66.9 52.8 79.2



#62

4-Bromofluorobenzene

Concen: 33.440 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY000415.D

Acq: 24 Oct 2019 17:22

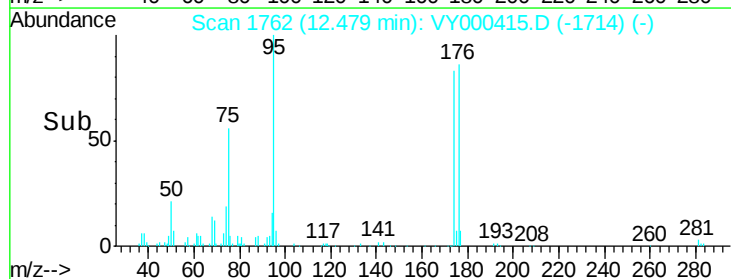
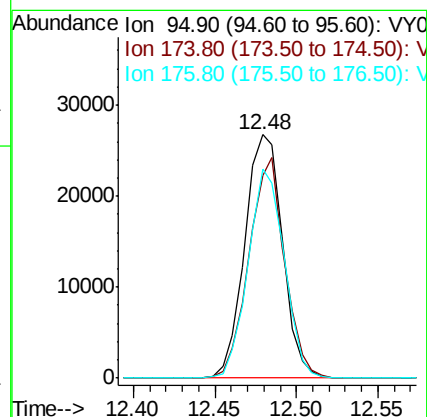
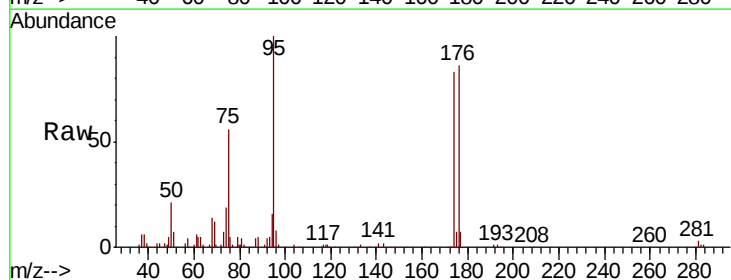
Tgt Ion: 95 Resp: 43137

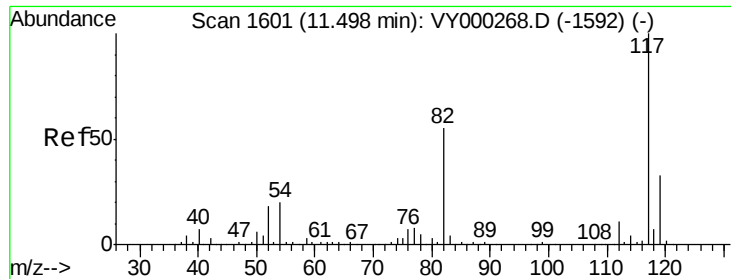
Ion Ratio Lower Upper

95 100

174 85.5 0.0 159.6

176 82.5 0.0 153.8

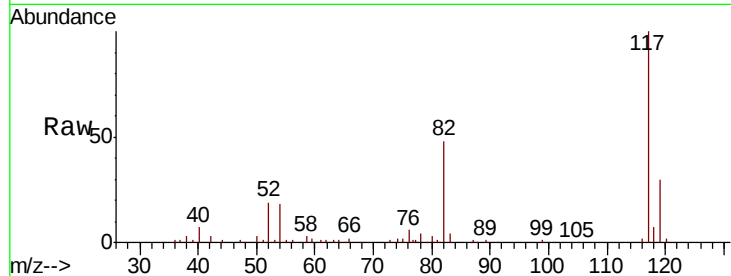




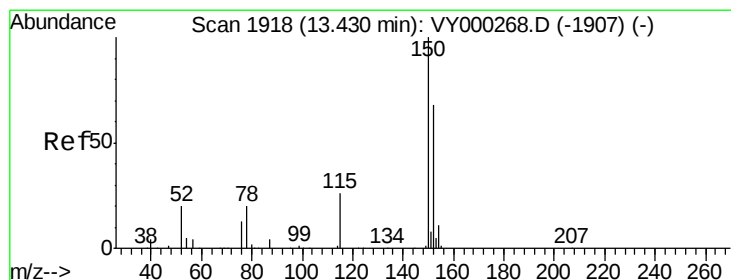
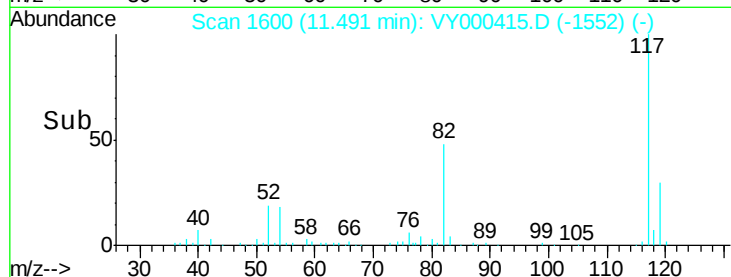
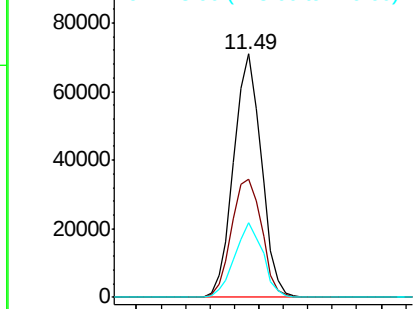
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000415.D
Acq: 24 Oct 2019 17:22

Instrument :
MSVOA_Y
ClientSampleId :
702-27-(1)

Tot Ion:117 Resp: 111461
Ion Ratio Lower Upper
117 100
82 48.3 43.7 65.5
119 30.4 26.6 39.8

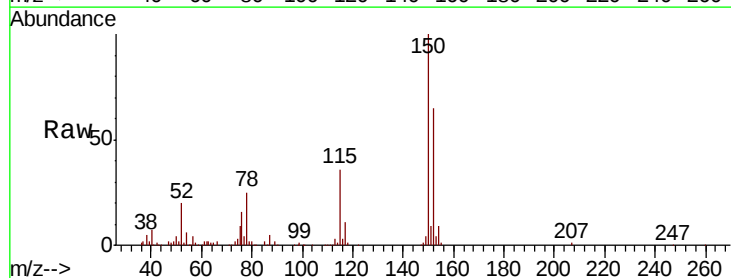


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000415.D
Acq: 24 Oct 2019 17:22

Tgt Ion:152 Resp: 42600
Ion Ratio Lower Upper
152 100
115 57.9 29.3 88.0
150 154.2 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

