

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY080320\
 Data File : VY003413.D
 Acq On : 03 Aug 2020 13:39
 Operator : SY/MD
 Sample : L3511-17
 Misc : 3.28G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP

Quant Time: Aug 04 02:08:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y073120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 31 13:09:26 2020
 Response via : Initial Calibration

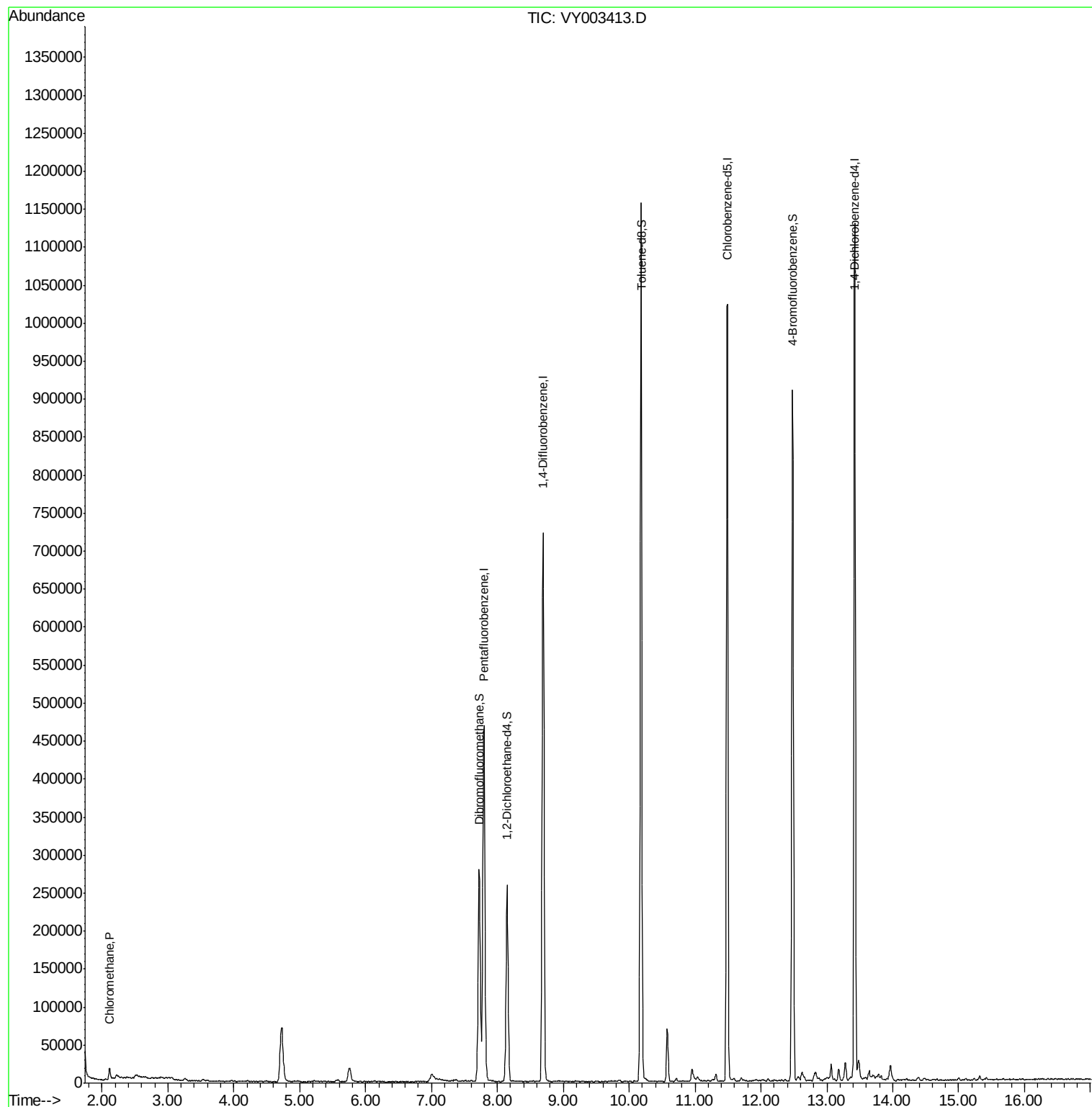
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	387648	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	616060	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	574861	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	291882	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	201841	54.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.52%	
35) Dibromofluoromethane	7.72	113	193520	53.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.66%	
50) Toluene-d8	10.18	98	751902	52.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.82%	
62) 4-Bromofluorobenzene	12.48	95	248358	51.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.30%	
Target Compounds						
3) Chloromethane	2.12	50	12796	2.943	ug/l	Qvalue 96

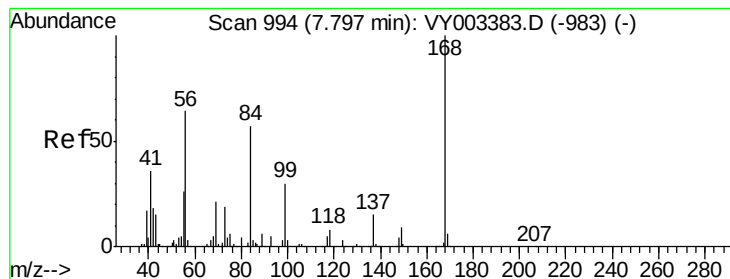
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003413.D

Acq: 03 Aug 2020 13:39

Instrument :

MSVOA_Y

ClientSampleId :

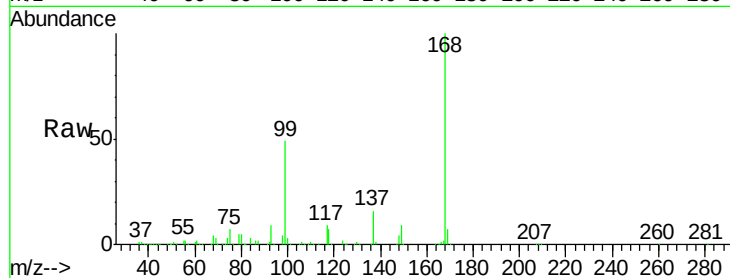
SP

Tot Ion:168 Resp: 387648

Ion Ratio Lower Upper

168 100

99 49.2 38.8 58.2



Abundance Ion 167.90 (167.60 to 168.60): VY003413.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003413.D (-945) (-)

7.80

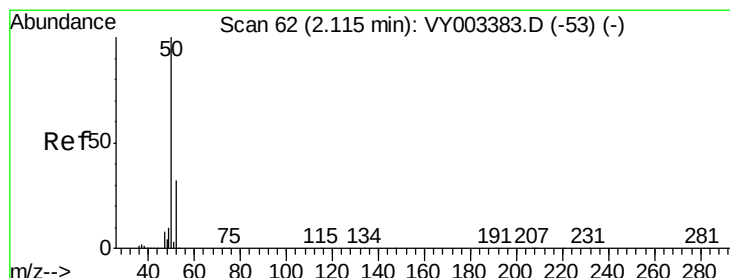
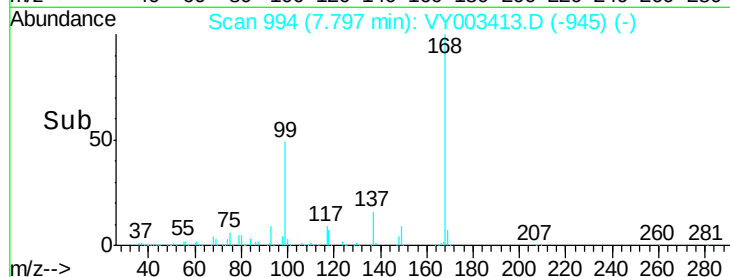
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 2.943 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003413.D

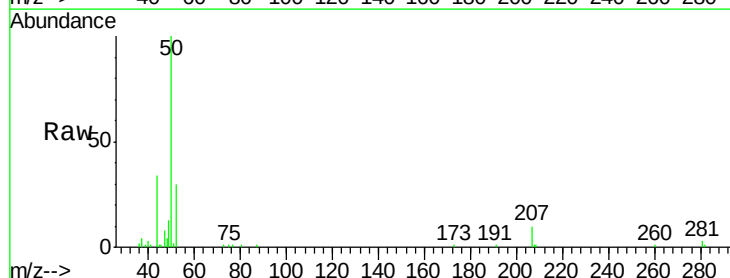
Acq: 03 Aug 2020 13:39

Tgt Ion: 50 Resp: 12796

Ion Ratio Lower Upper

50 100

52 30.1 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VY003413.D (-13) (-)

Ion 51.90 (51.60 to 52.60): VY003413.D (-13) (-)

2.12

8000

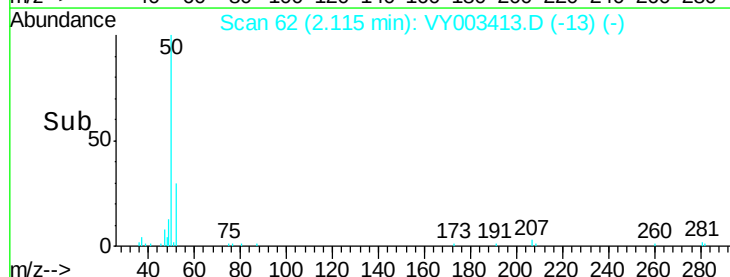
6000

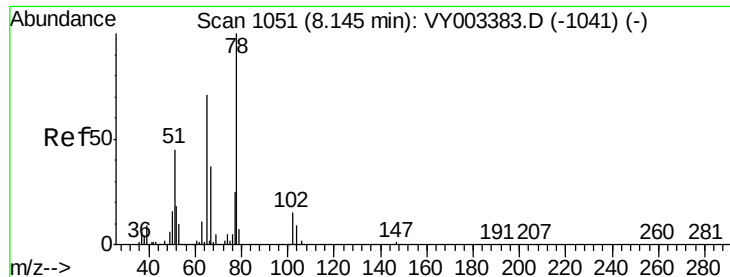
4000

2000

0

Time-->

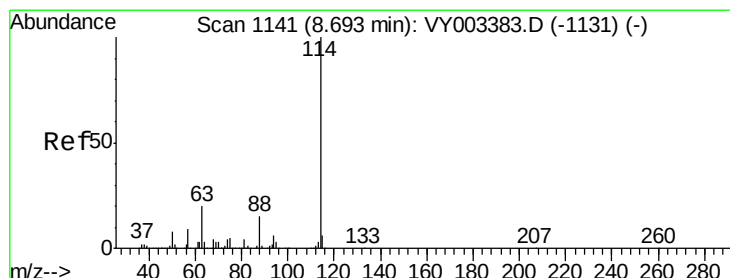
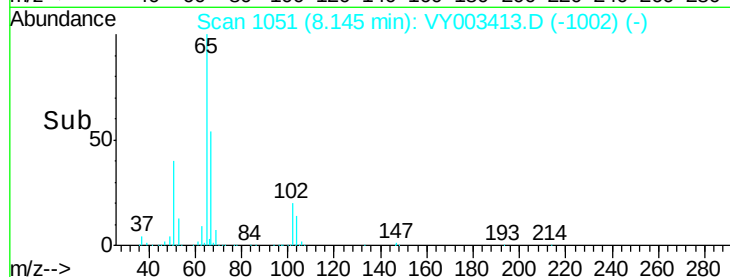
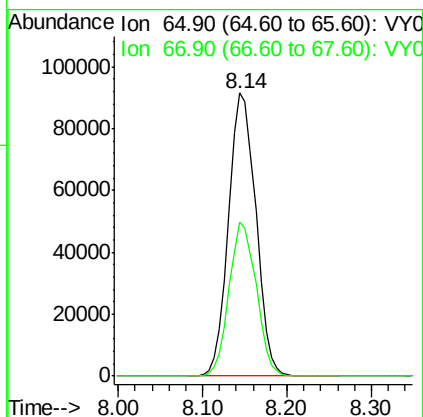
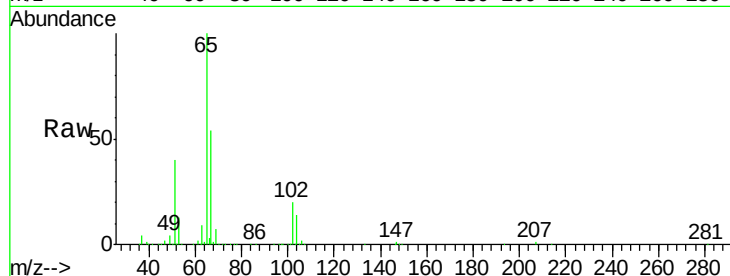




#33
 1,2-Dichloroethane-d4
 Concen: 54.762 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VY003413.D
 Acq: 03 Aug 2020 13:39

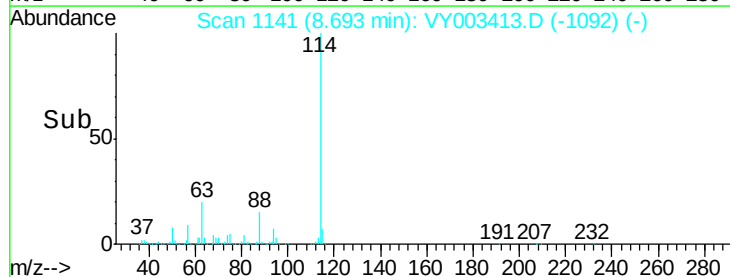
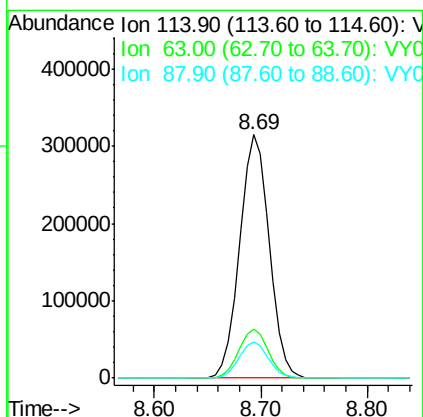
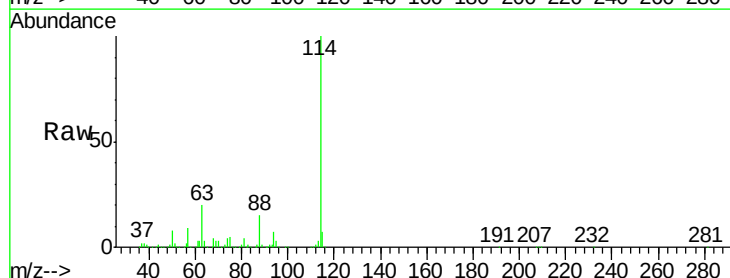
Instrument :
 MSVOA_Y
 ClientSampled :
 SP

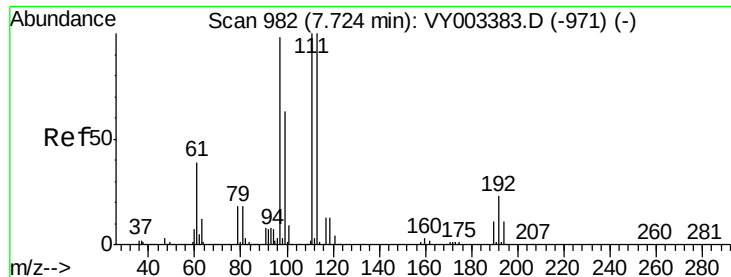
Tot Ion: 65 Resp: 201841
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003413.D
 Acq: 03 Aug 2020 13:39

Tgt Ion: 114 Resp: 616060
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 40.6
 88 15.0 0.0 29.2

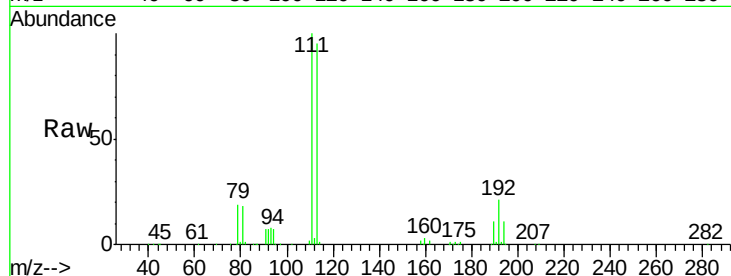




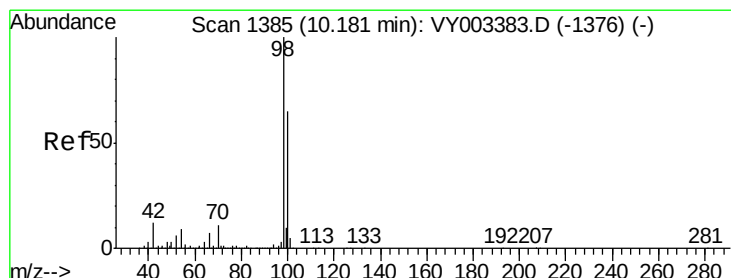
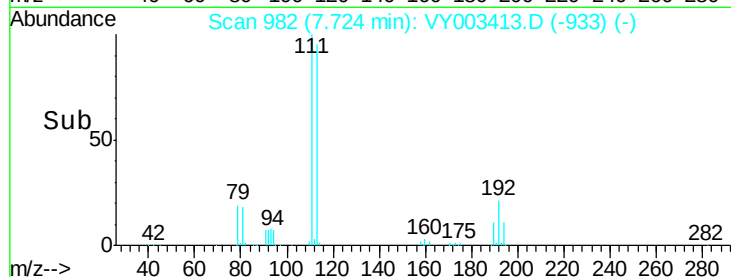
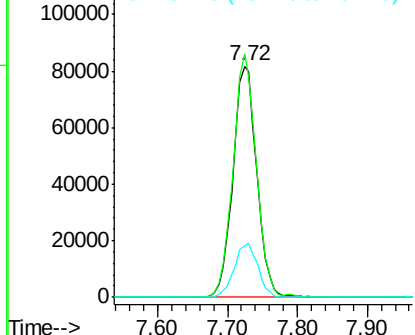
#35
 Dibromofluoromethane
 Concen: 53.326 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY003413.D
 Acq: 03 Aug 2020 13:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	83.0	124.4
192	23.2	18.8	28.2

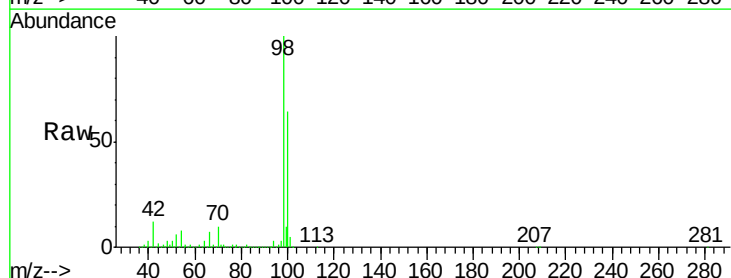


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

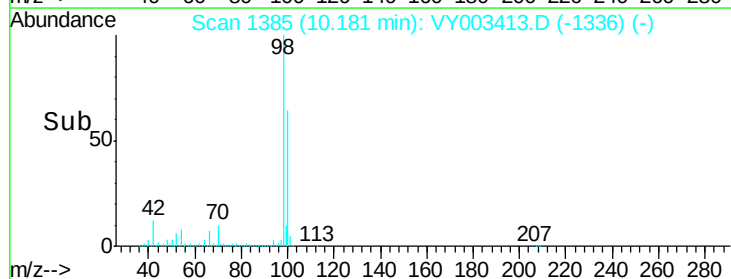
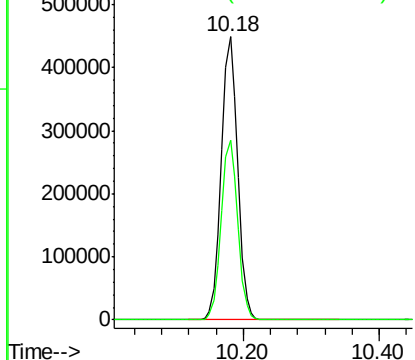


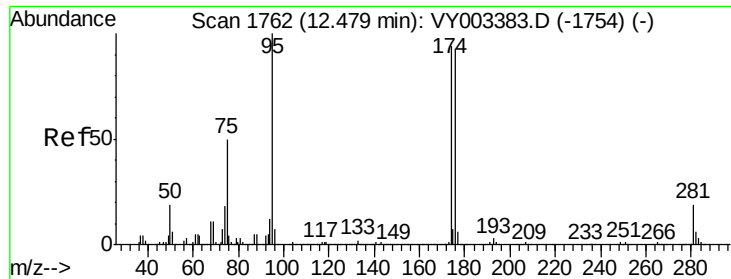
#50
 Toluene-d8
 Concen: 52.912 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. -0.00 min
 Lab File: VY003413.D
 Acq: 03 Aug 2020 13:39

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.3	76.9



Abundance Ion 98.00 (97.70 to 98.70): VY0
 Ion 100.00 (99.70 to 100.70): VY

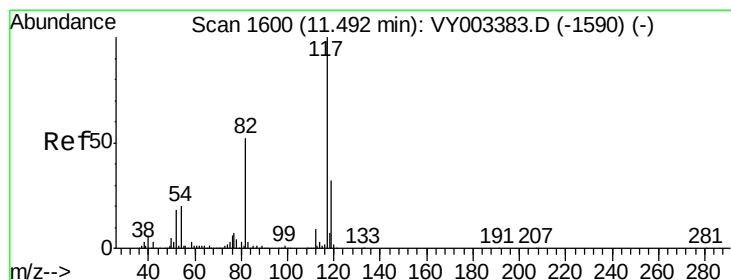
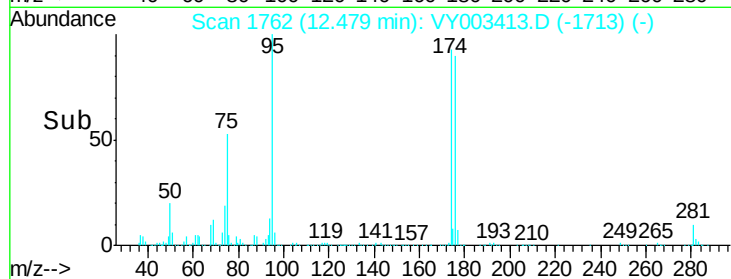
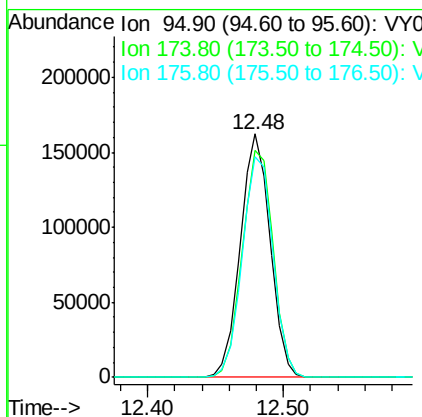
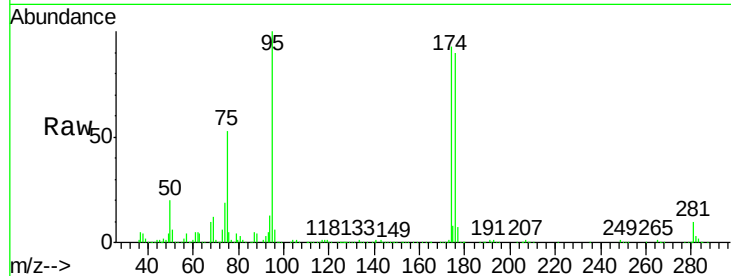




#62
4-Bromofluorobenzene
Concen: 51.151 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY003413.D
Acq: 03 Aug 2020 13:39

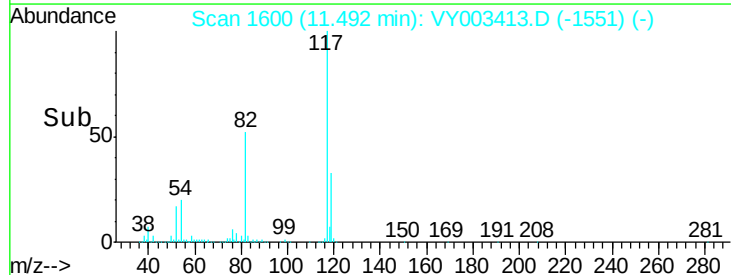
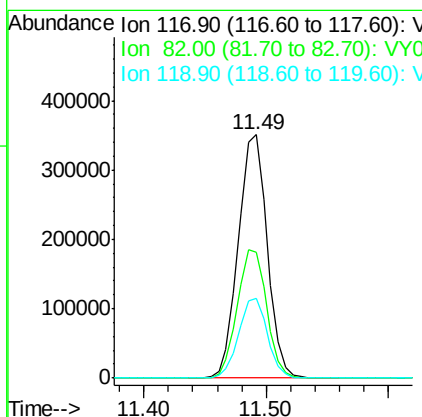
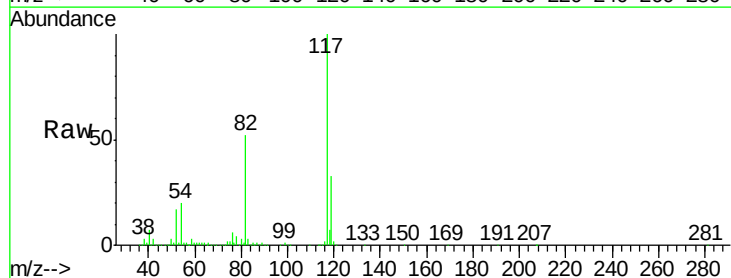
Instrument :
MSVOA_Y
ClientSampled :
SP

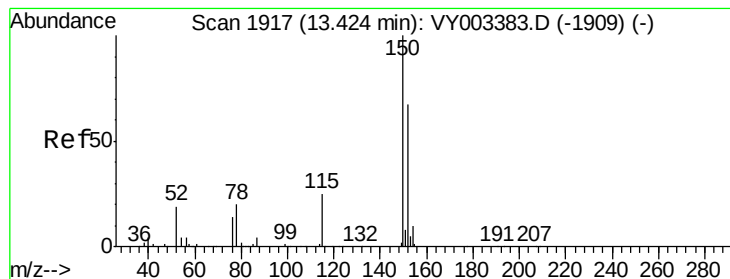
Tot Ion	Ratio	Lower	Upper
95	100		
174	96.9	0.0	190.0
176	93.8	0.0	184.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003413.D
Acq: 03 Aug 2020 13:39

Tgt Ion	Ratio	Lower	Upper
117	100		
82	51.7	41.9	62.9
119	32.8	25.4	38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY003413.D

Acq: 03 Aug 2020 13:39

Instrument :

MSVOA_Y

ClientSampleId :

SP

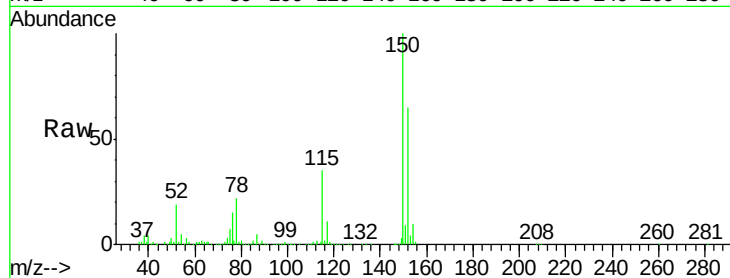
Tot Ion:152 Resp: 291882

Ion Ratio Lower Upper

152 100

115 54.7 27.2 81.5

150 156.7 0.0 346.8



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

