

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY042320\
 Data File : VY002465.D
 Acq On : 23 Apr 2020 17:24
 Operator : SY/MD
 Sample : L2351-05
 Misc : 7.55G/5ML/MSVOA Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-20-(1-2)

Quant Time: Apr 24 02:10:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042320S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 14:11:26 2020
 Response via : Initial Calibration

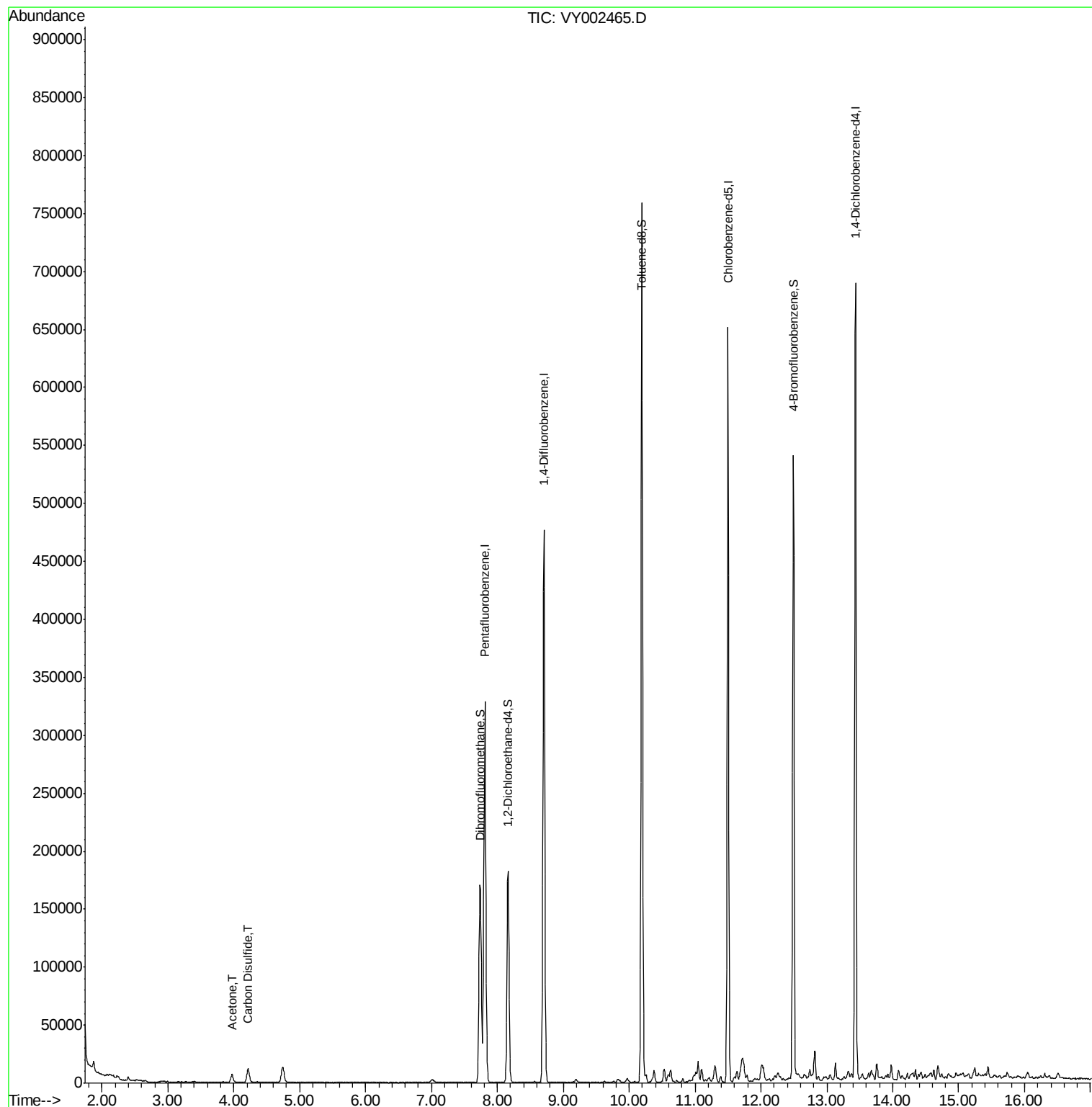
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	273917	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.71	114	428213	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	376369	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	184580	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	139048	58.08	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	116.16%	
35) Dibromofluoromethane	7.74	113	118381	49.01	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	98.02%	
50) Toluene-d8	10.19	98	501044	51.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.22%	
62) 4-Bromofluorobenzene	12.49	95	154284	47.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.72%	
Target Compounds						
16) Acetone	3.97	43	12581	25.145	ug/l	Qvalue 100
17) Carbon Disulfide	4.22	76	24456	3.345	ug/l	96

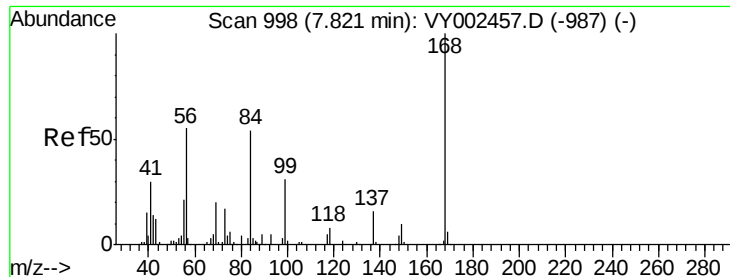
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY002465.D

Acq: 23 Apr 2020 17:24

Instrument :

MSVOA_Y

ClientSampleId :

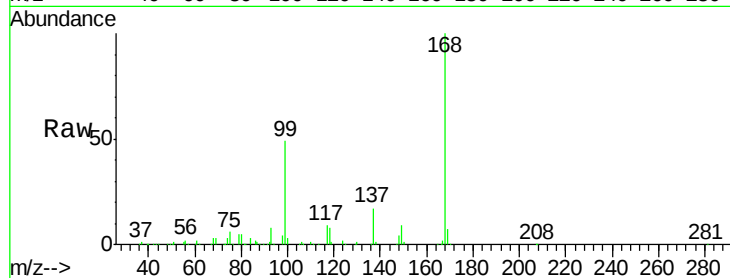
TP-20-(1-2)

Tot Ion:168 Resp: 273917

Ion Ratio Lower Upper

168 100

99 49.2 39.7 59.5



Abundance Ion 167.90 (167.60 to 168.60): VY002457.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY002457.D (-987) (-)

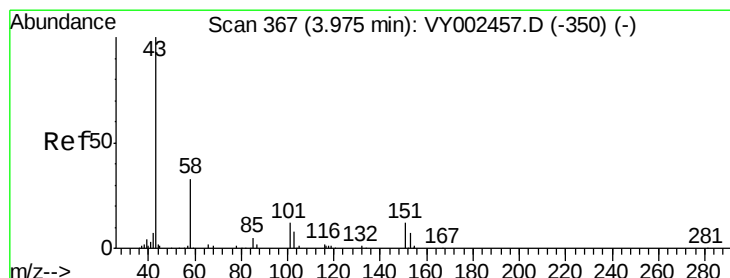
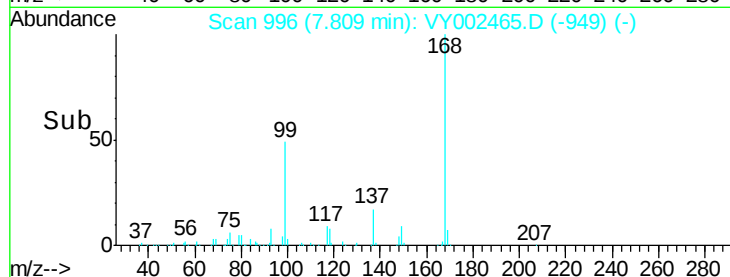
7.81

100000

50000

0

Time-->



#16

Acetone

Concen: 25.145 ug/l

RT: 3.97 min Scan# 366

Delta R.T. -0.01 min

Lab File: VY002465.D

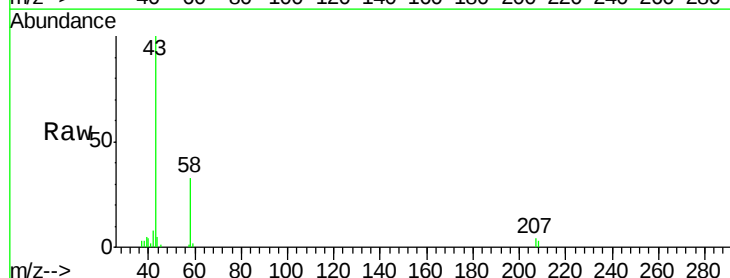
Acq: 23 Apr 2020 17:24

Tgt Ion: 43 Resp: 12581

Ion Ratio Lower Upper

43 100

58 33.1 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VY002457.D (-350) (-)

Ion 58.00 (57.70 to 58.70): VY002457.D (-350) (-)

3.97

5000

4000

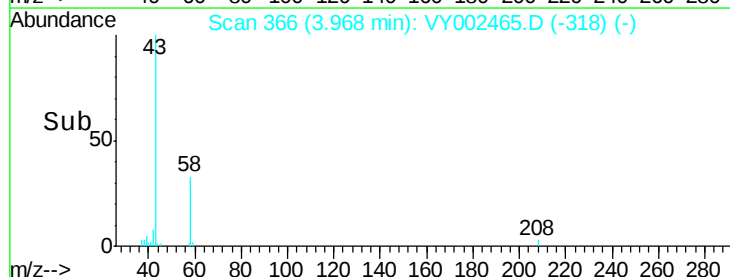
3000

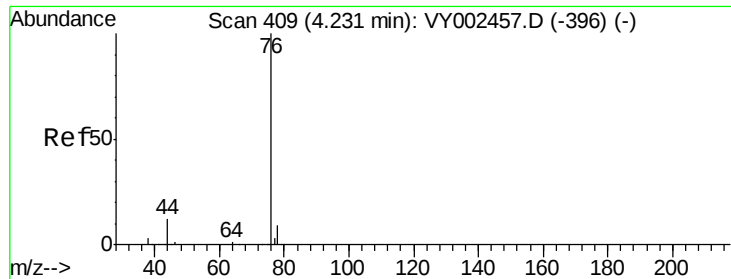
2000

1000

0

Time-->

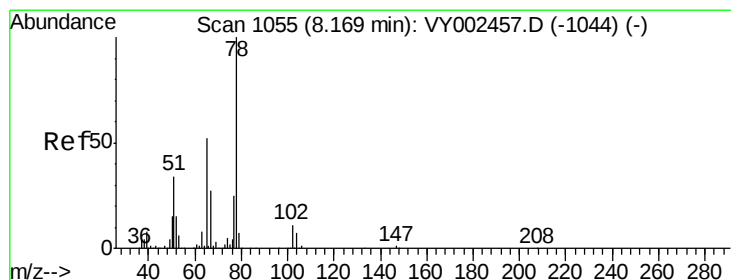
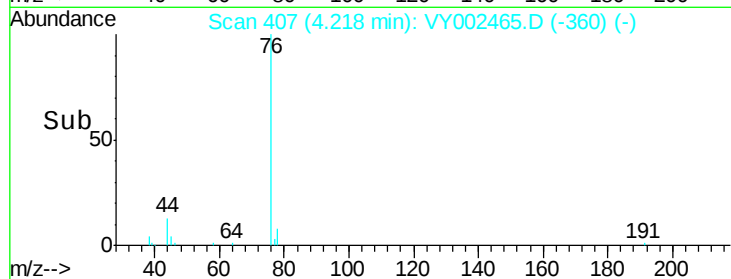
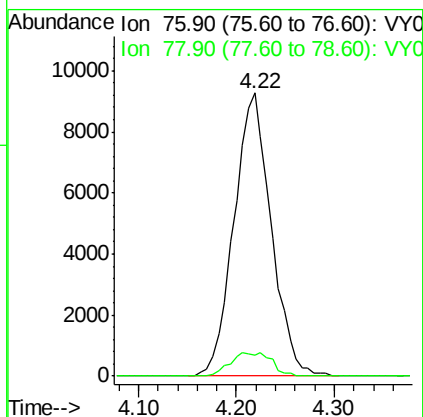
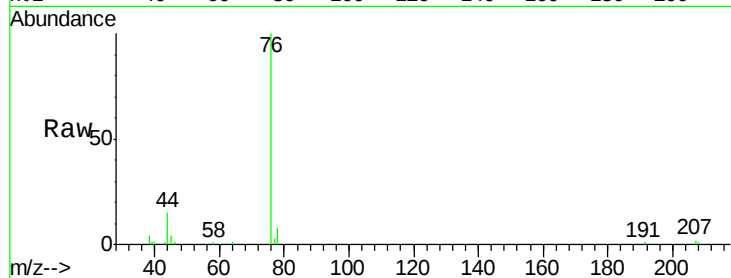




#17
Carbon Disulfide
Concen: 3.345 ug/l
RT: 4.22 min Scan# 407
Delta R.T. -0.01 min
Lab File: VY002465.D
Acq: 23 Apr 2020 17:24

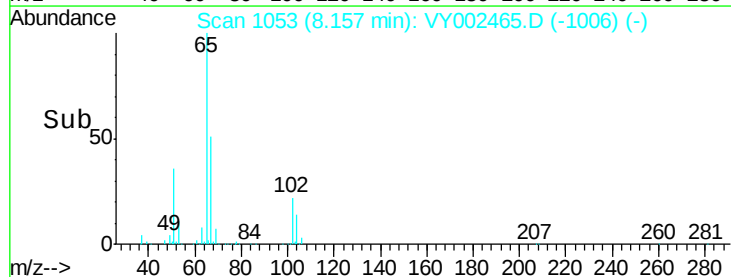
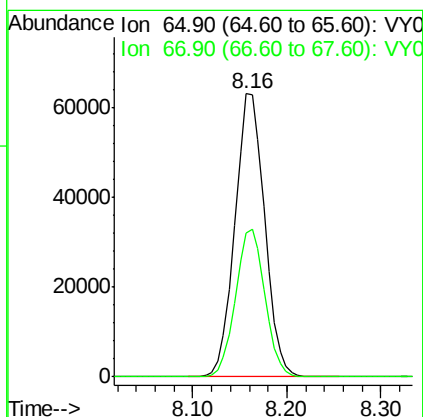
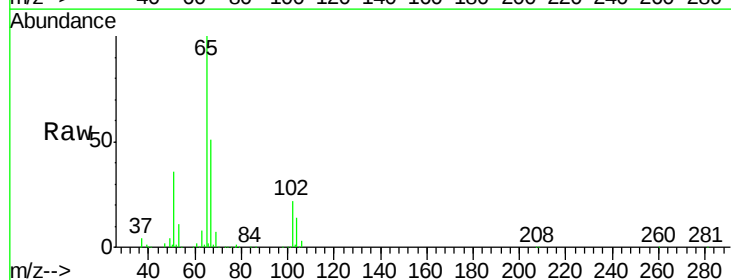
Instrument :
MSVOA_Y
ClientSampleId :
TP-20-(1-2)

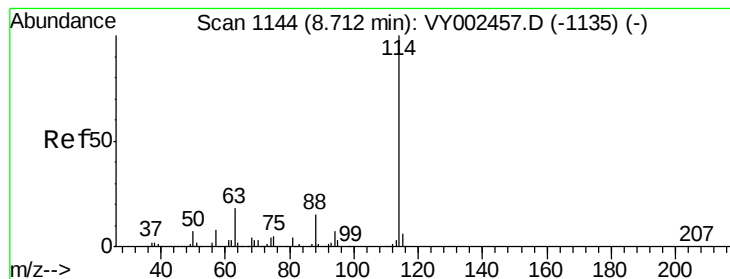
Tot Ion: 76 Resp: 24456
Ion Ratio Lower Upper
76 100
78 7.6 7.3 10.9



#33
1,2-Dichloroethane-d4
Concen: 58.079 ug/l
RT: 8.16 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VY002465.D
Acq: 23 Apr 2020 17:24

Tgt Ion: 65 Resp: 139048
Ion Ratio Lower Upper
65 100
67 51.6 0.0 104.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. -0.01 min

Lab File: VY002465.D

Acq: 23 Apr 2020 17:24

Instrument :

MSVOA_Y

ClientSampleId :

TP-20-(1-2)

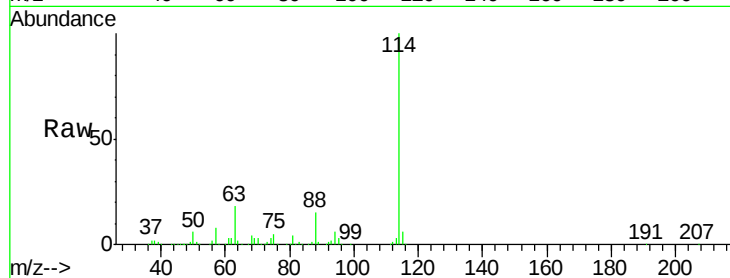
Tot Ion:114 Resp: 428213

Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.6

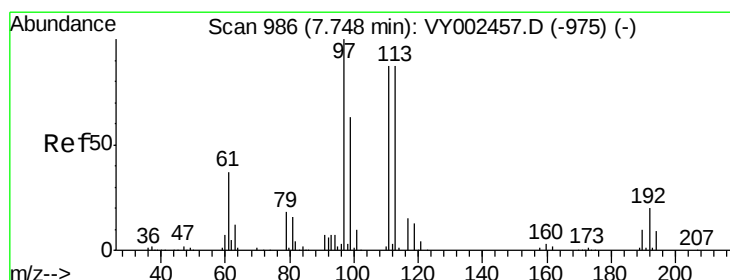
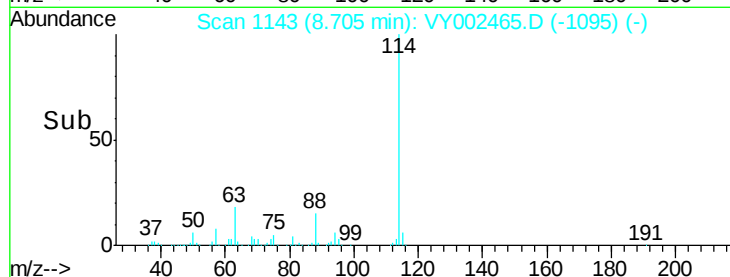
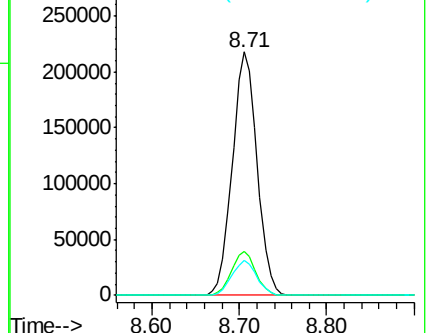
88 14.6 0.0 29.4



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: 49.012 ug/l

RT: 7.74 min Scan# 984

Delta R.T. -0.01 min

Lab File: VY002465.D

Acq: 23 Apr 2020 17:24

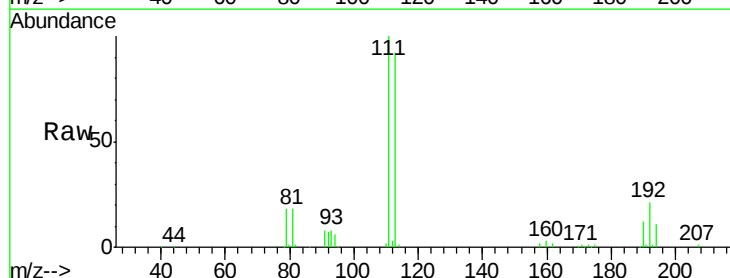
Tgt Ion:113 Resp: 118381

Ion Ratio Lower Upper

113 100

111 103.9 81.0 121.4

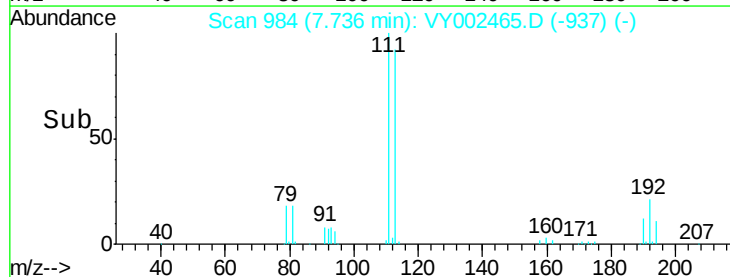
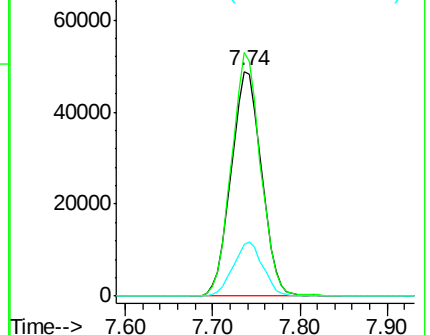
192 23.5 18.6 27.8

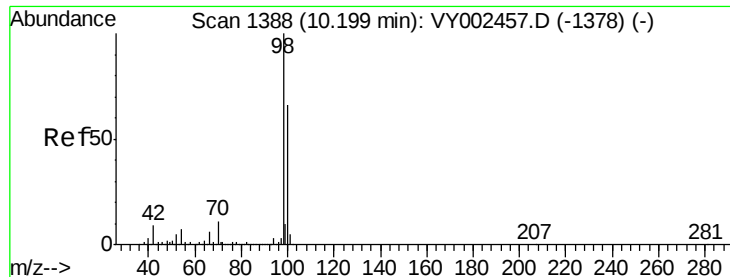


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.612 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. -0.01 min

Lab File: VY002465.D

Acq: 23 Apr 2020 17:24

Instrument :

MSVOA_Y

ClientSampleId :

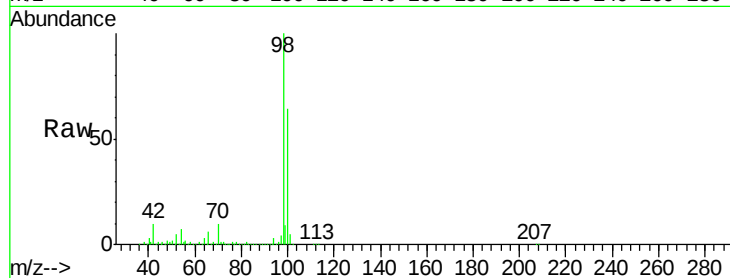
TP-20-(1-2)

Tot Ion: 98 Resp: 501044

Ion Ratio Lower Upper

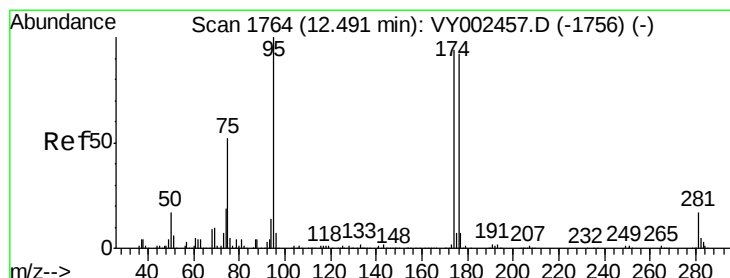
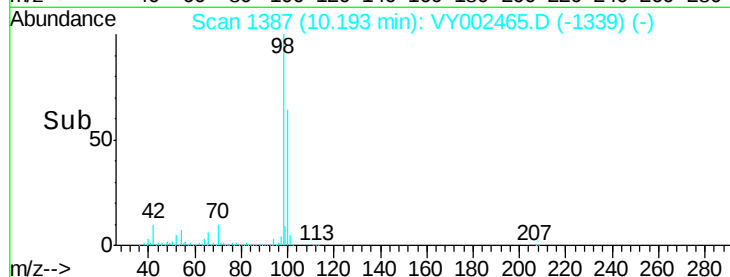
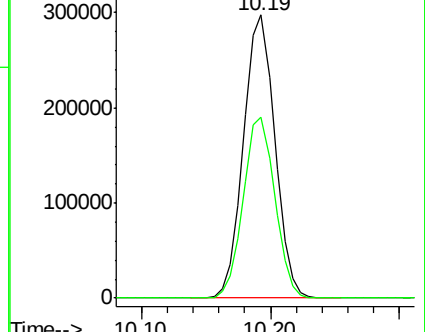
98 100

100 64.4 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0



#62

4-Bromofluorobenzene

Concen: 47.364 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.00 min

Lab File: VY002465.D

Acq: 23 Apr 2020 17:24

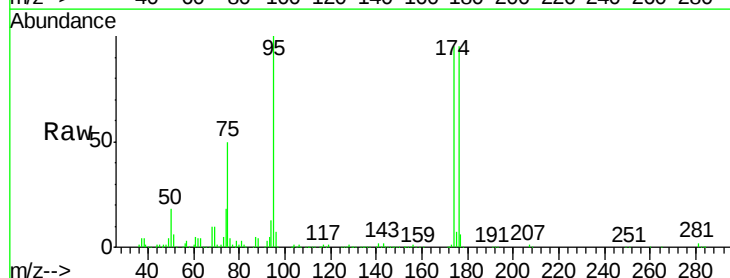
Tgt Ion: 95 Resp: 154284

Ion Ratio Lower Upper

95 100

174 97.3 0.0 193.0

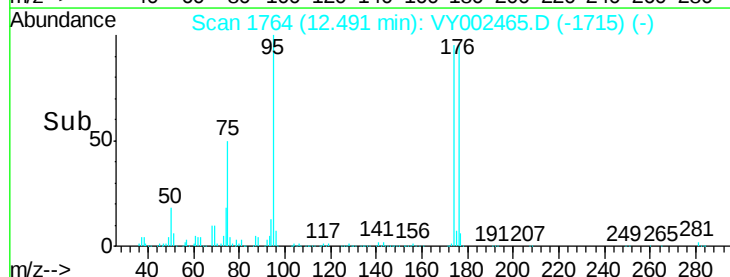
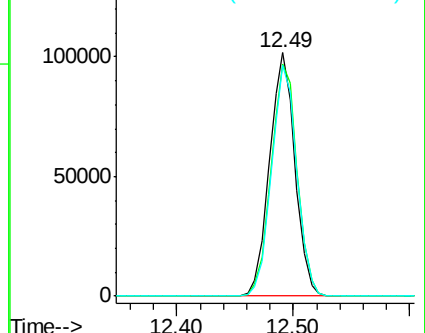
176 94.2 0.0 190.4

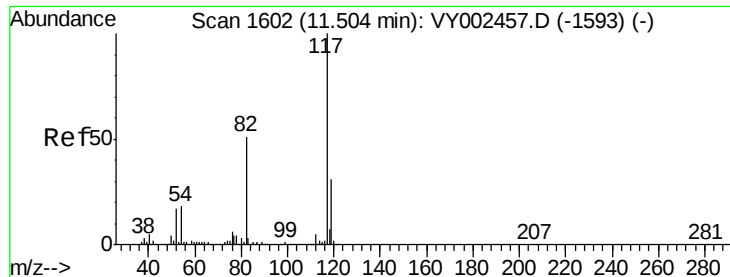


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): VY0

Ion 175.80 (175.50 to 176.50): VY0

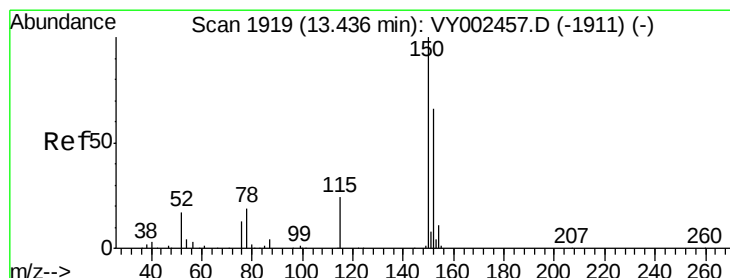
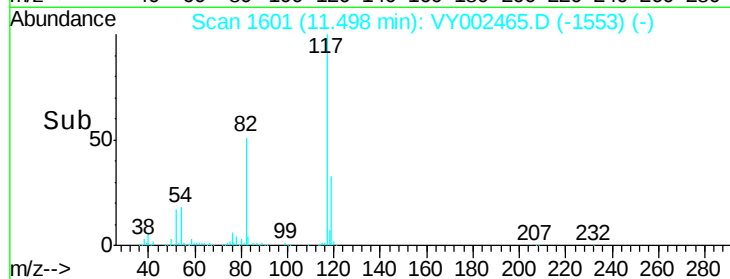
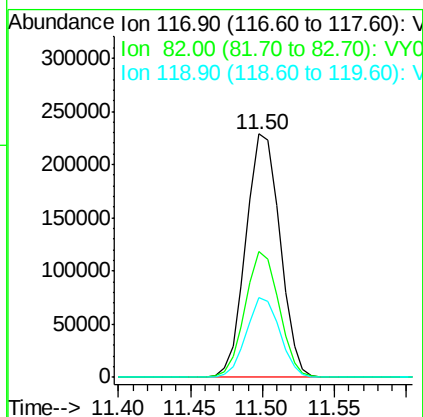
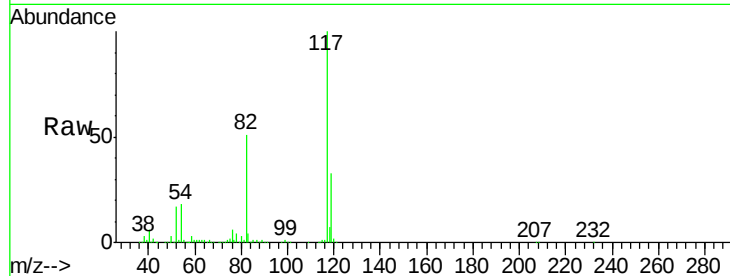




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY002465.D
Acq: 23 Apr 2020 17:24

Instrument :
MSVOA_Y
ClientSampleId :
TP-20-(1-2)

Tot Ion:117 Resp: 376369
Ion Ratio Lower Upper
117 100
82 51.5 40.8 61.2
119 32.5 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. -0.00 min
Lab File: VY002465.D
Acq: 23 Apr 2020 17:24

Tgt Ion:152 Resp: 184580
Ion Ratio Lower Upper
152 100
115 54.5 27.3 81.8
150 158.1 0.0 346.8

