

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY020620\
 Data File : VY001545.D
 Acq On : 06 Feb 2020 20:38
 Operator : SY/MD
 Sample : L1403-03
 Misc : 9.65G/5ML/MSVOA Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-3-4-4.5

Quant Time: Feb 07 05:41:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 15:10:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	162305	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.72	114	299040	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.50	117	275705	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	132222	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.18	65	100111	61.26	ug/l	0.01
Spiked Amount	50.000		Recovery	=	122.52%	
35) Dibromofluoromethane	7.75	113	88834	51.52	ug/l	0.01
Spiked Amount	50.000		Recovery	=	103.04%	
50) Toluene-d8	10.20	98	352601	54.05	ug/l	0.01
Spiked Amount	50.000		Recovery	=	108.10%	
62) 4-Bromofluorobenzene	12.49	95	133407	51.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.82%	

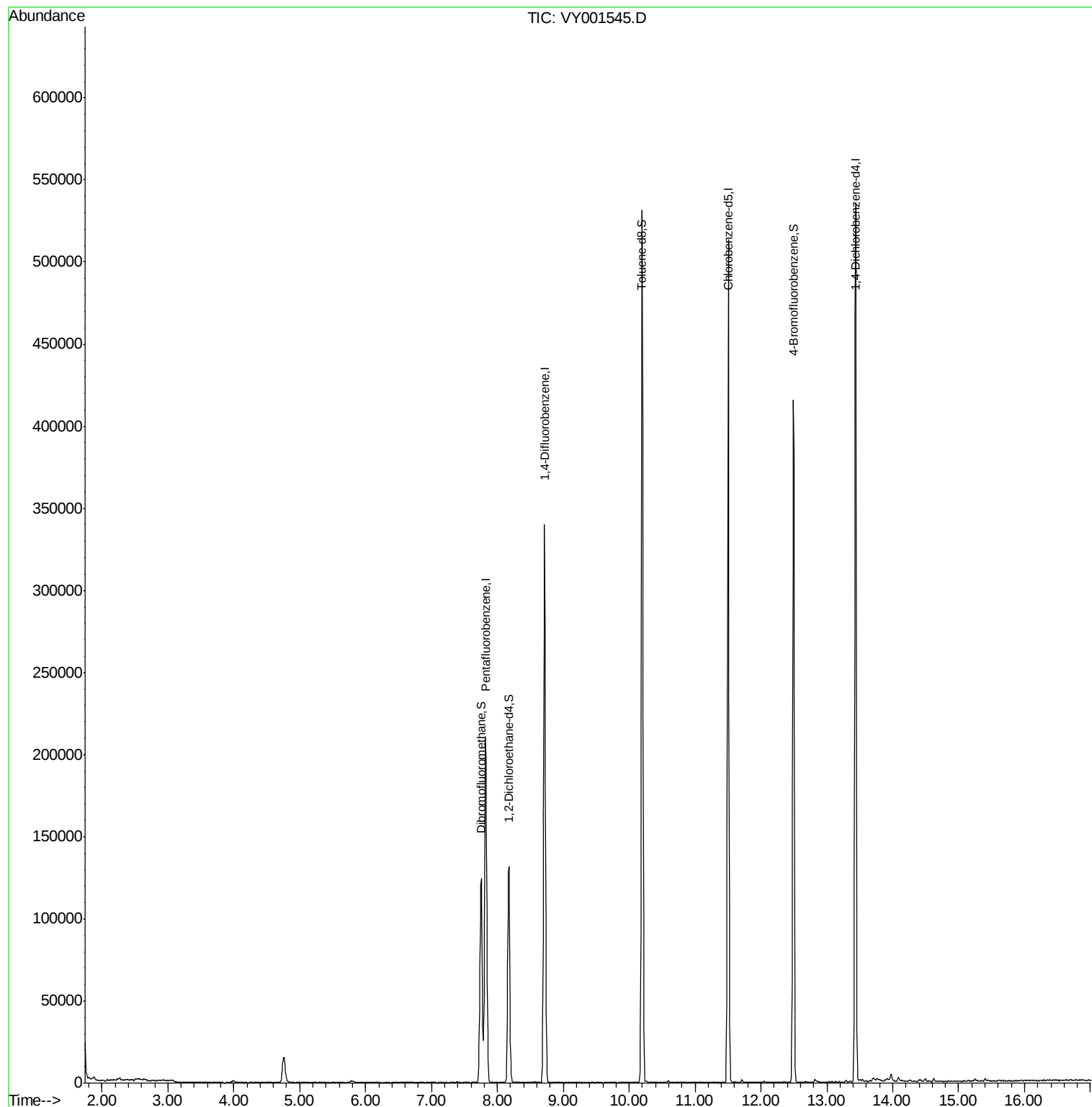
Target Compounds	Qvalue
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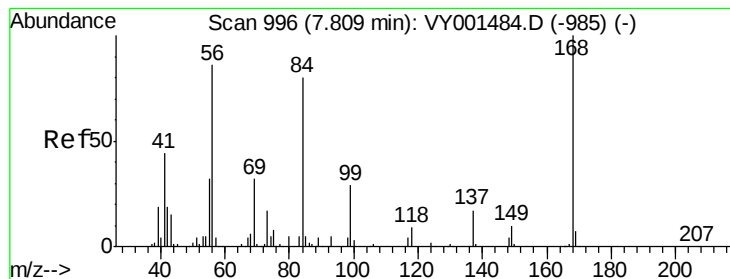
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY020620\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY001545.D

Acq: 06 Feb 2020 20:38

Instrument :

MSVOA_Y

ClientSampleId :

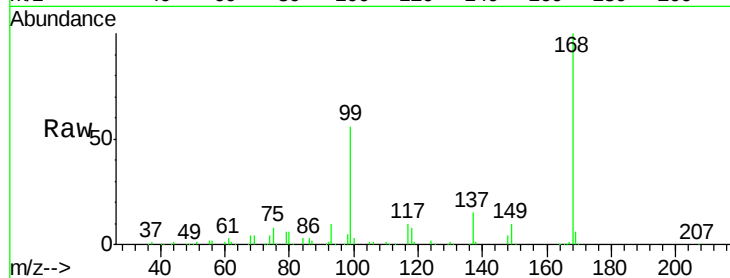
SB-3-4-4.5

Tot Ion:168 Resp: 162305

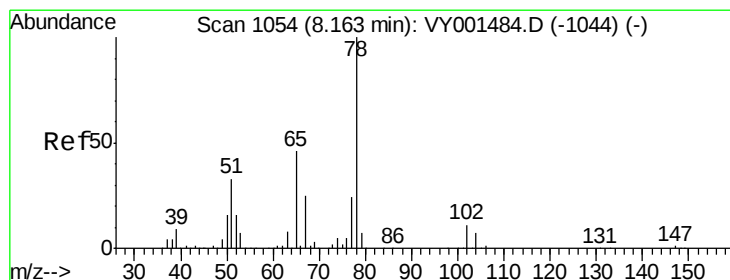
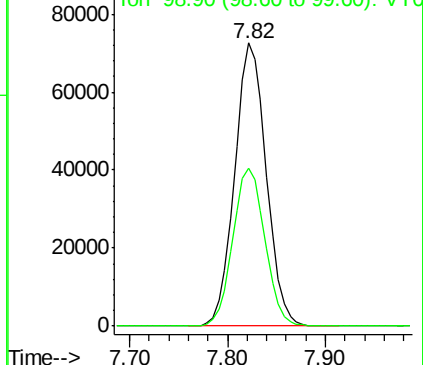
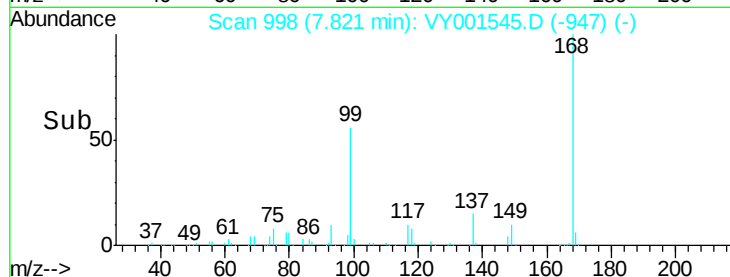
Ion Ratio Lower Upper

168 100

99 56.0 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VY001545.D (-947) (-)



#33

1,2-Dichloroethane-d4

Concen: 61.261 ug/l

RT: 8.18 min Scan# 1056

Delta R.T. 0.01 min

Lab File: VY001545.D

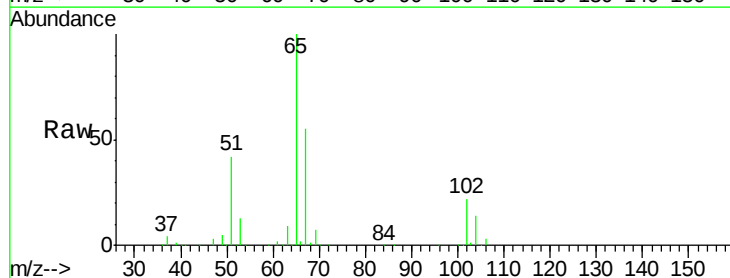
Acq: 06 Feb 2020 20:38

Tgt Ion: 65 Resp: 100111

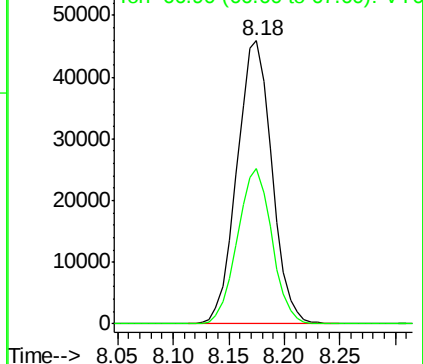
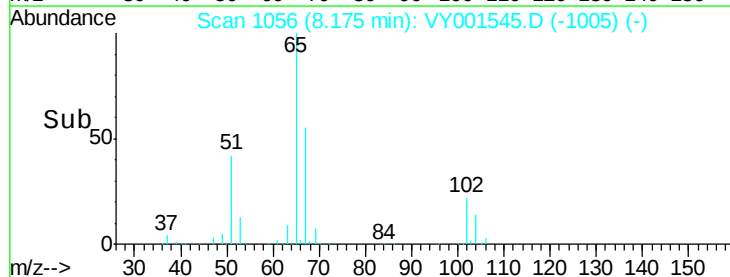
Ion Ratio Lower Upper

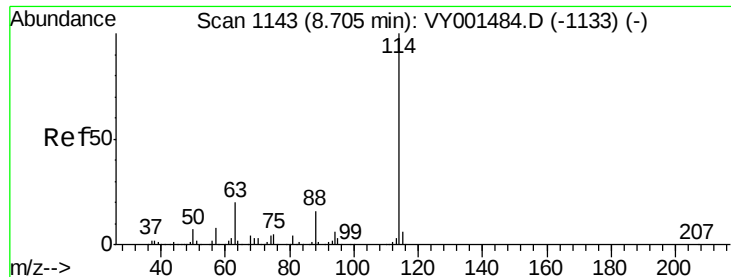
65 100

67 54.2 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VY001545.D (-1005) (-)

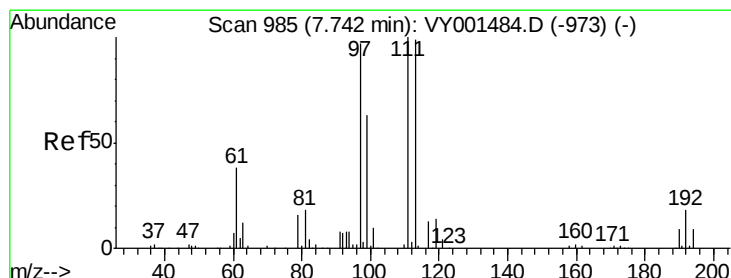
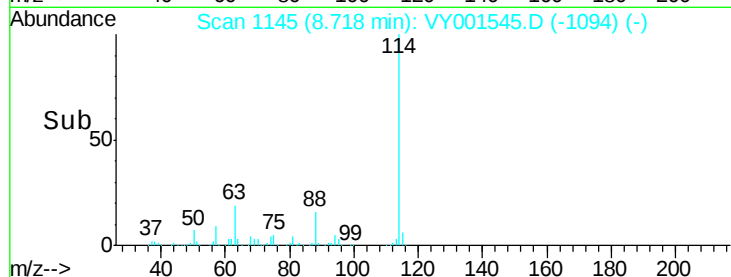
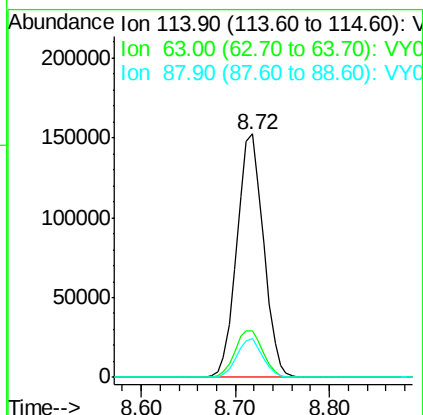
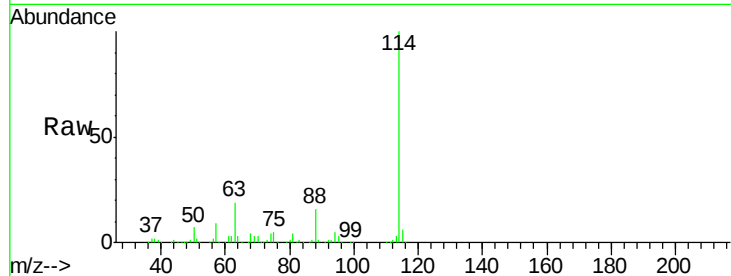




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.72 min Scan# 1145
 Delta R.T. 0.01 min
 Lab File: VY001545.D
 Acq: 06 Feb 2020 20:38

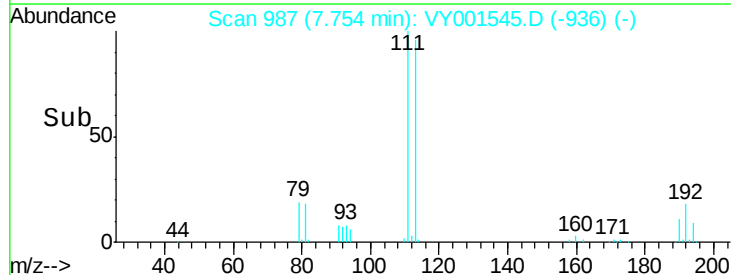
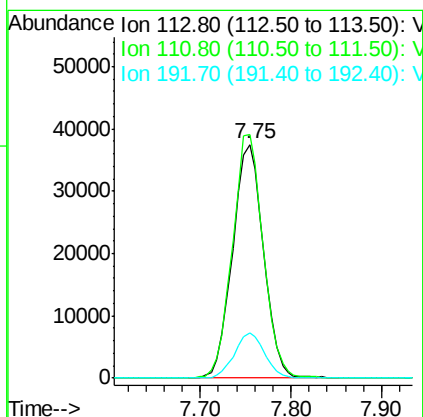
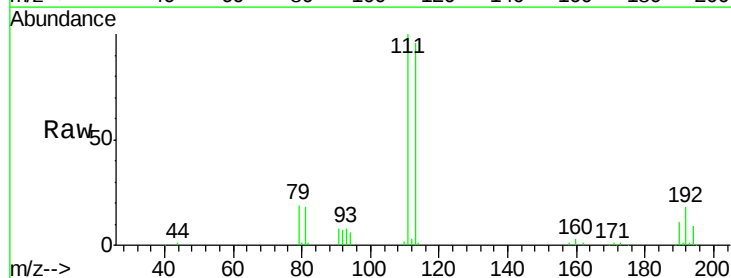
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-3-4-4.5

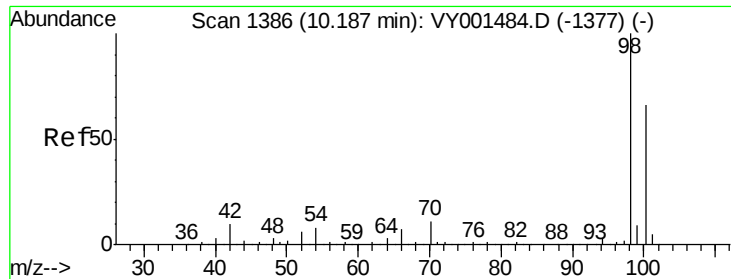
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	39.8
88	15.9	0.0	32.6



#35
 Dibromofluoromethane
 Concen: 51.516 ug/l
 RT: 7.75 min Scan# 987
 Delta R.T. 0.01 min
 Lab File: VY001545.D
 Acq: 06 Feb 2020 20:38

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.9	124.3
192	18.7	14.6	22.0





#50

Toluene-d8

Concen: 54.045 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY001545.D

Acq: 06 Feb 2020 20:38

Instrument :

MSVOA_Y

ClientSampleId :

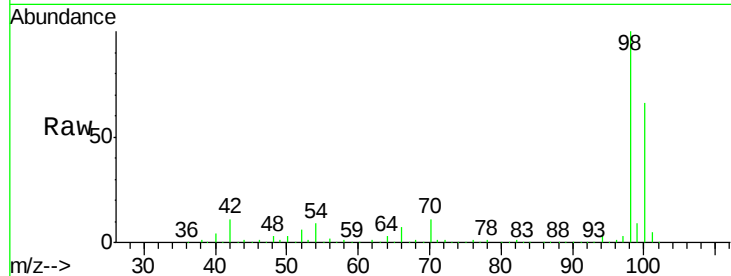
SB-3-4-4.5

Tot Ion: 98 Resp: 352601

Ion Ratio Lower Upper

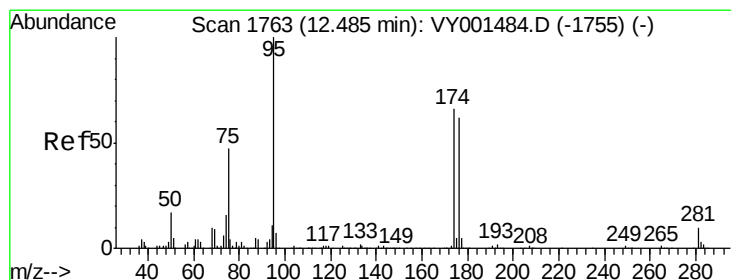
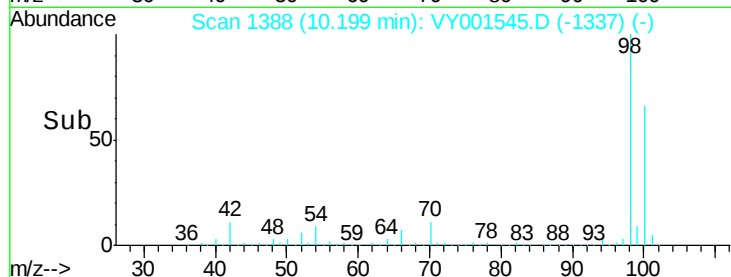
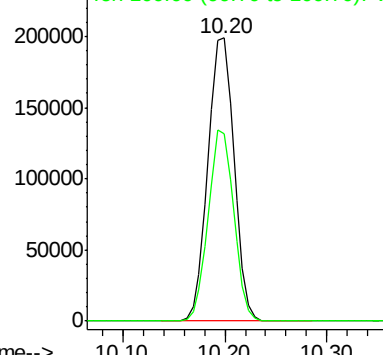
98 100

100 65.8 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY



#62

4-Bromofluorobenzene

Concen: 51.906 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY001545.D

Acq: 06 Feb 2020 20:38

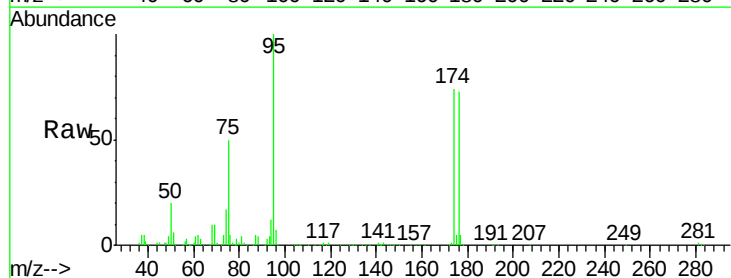
Tgt Ion: 95 Resp: 133407

Ion Ratio Lower Upper

95 100

174 75.0 0.0 141.4

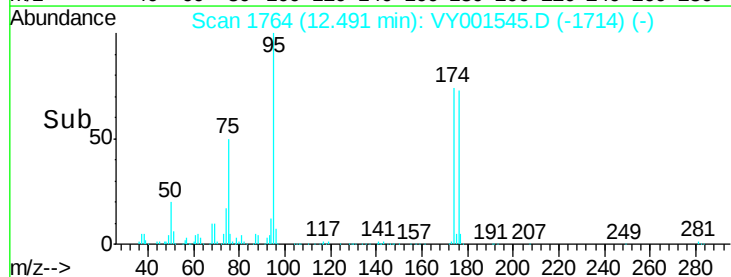
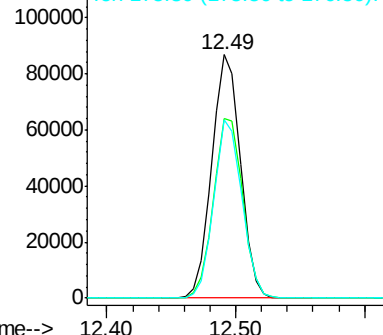
176 72.1 0.0 135.4

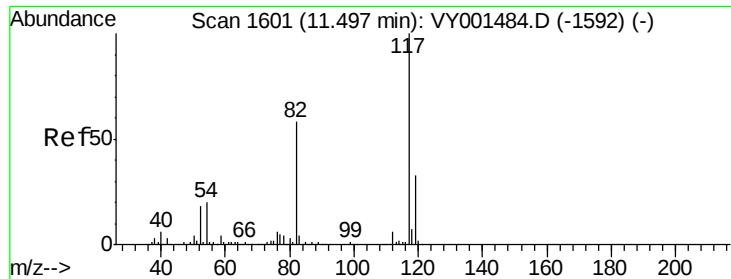


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

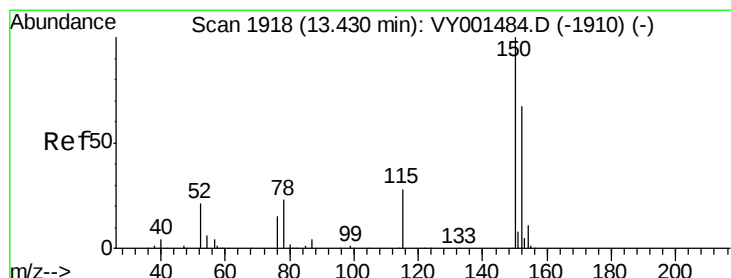
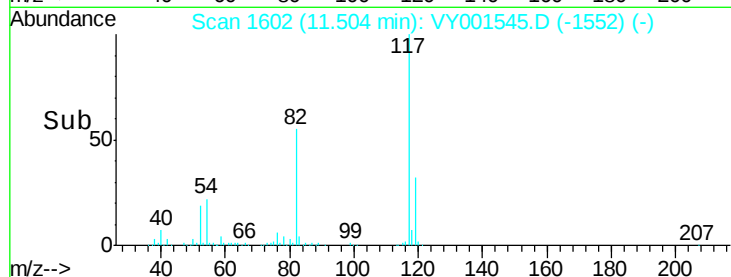
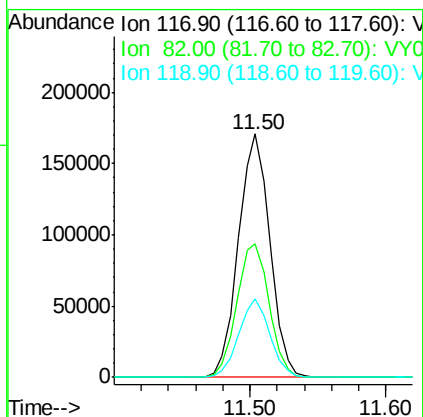
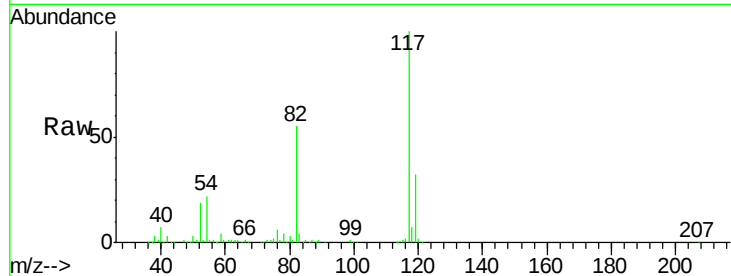




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY001545.D
Acq: 06 Feb 2020 20:38

Instrument :
MSVOA_Y
ClientSampleId :
SB-3-4-4.5

Tot Ion:117 Resp: 275705
Ion Ratio Lower Upper
117 100
82 54.6 46.1 69.1
119 32.2 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY001545.D
Acq: 06 Feb 2020 20:38

Tgt Ion:152 Resp: 132222
Ion Ratio Lower Upper
152 100
115 60.5 31.4 94.3
150 157.4 0.0 346.8

