

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY032420\
 Data File : VY002054.D
 Acq On : 24 Mar 2020 16:33
 Operator : SY/MD
 Sample : L2028-02
 Misc : 8.21G/5ML/MSVOA Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-31-(5.5-6)

Quant Time: Apr 06 12:38:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

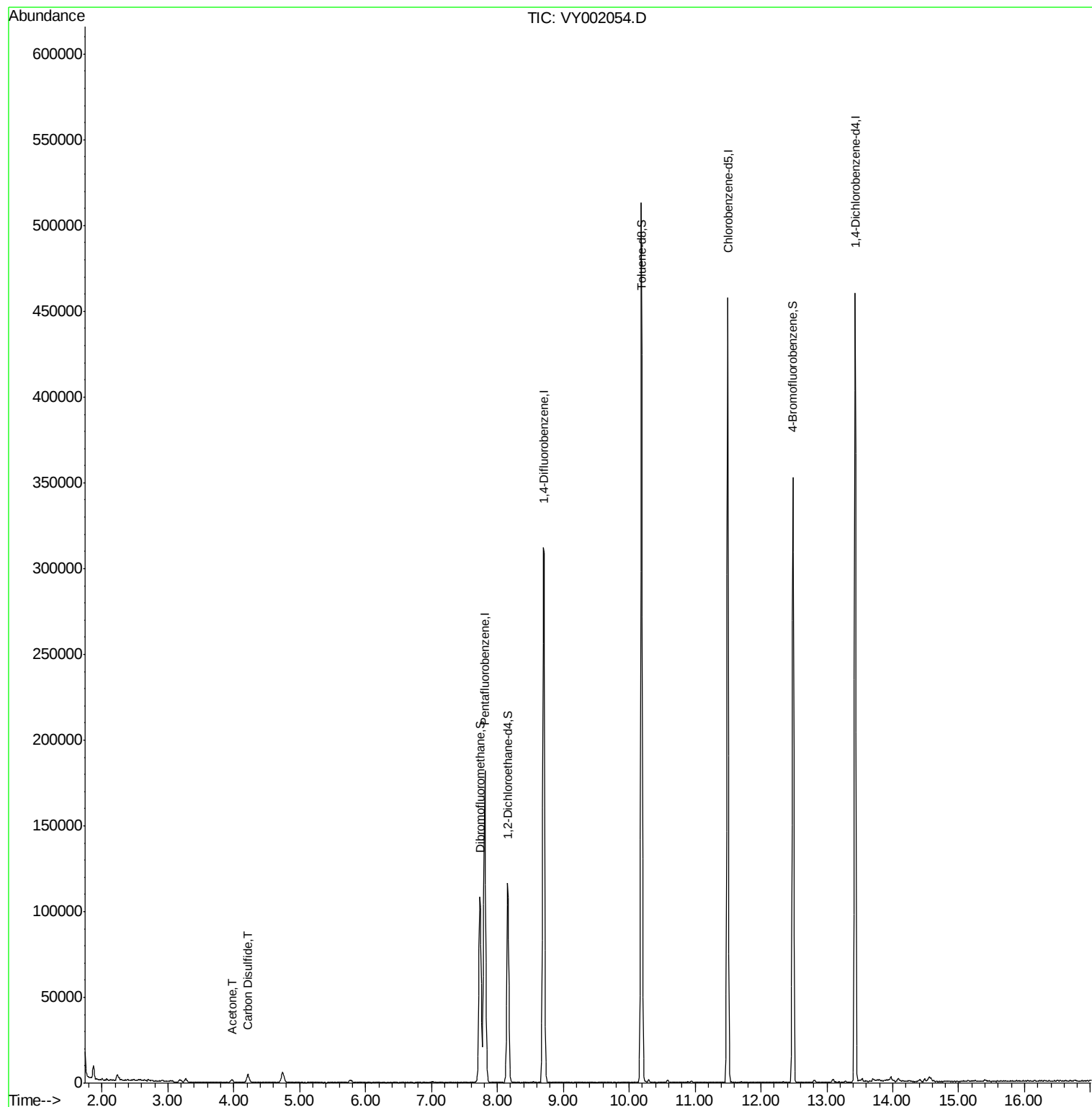
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	136687	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	265685	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.50	117	244793	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	109007	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	86794	59.48	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	118.96%	
35) Dibromofluoromethane	7.74	113	76989	53.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.14%	
50) Toluene-d8	10.19	98	324212	53.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.00%	
62) 4-Bromofluorobenzene	12.49	95	111747	52.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.06%	
Target Compounds						
16) Acetone	3.97	43	3261	7.673	ug/l	95
17) Carbon Disulfide	4.22	76	9468	1.853	ug/l	99

(#) = 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: VY002054.D

Acq: 24 Mar 2020 16:33

Instrument :

MSVOA_Y

ClientSampleId :

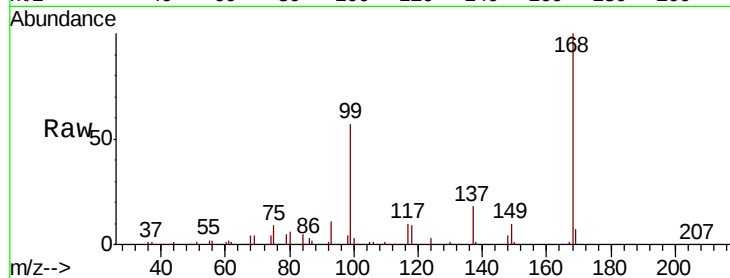
SB-31-(5.5-6)

Tot Ion:168 Resp: 136687

Ion Ratio Lower Upper

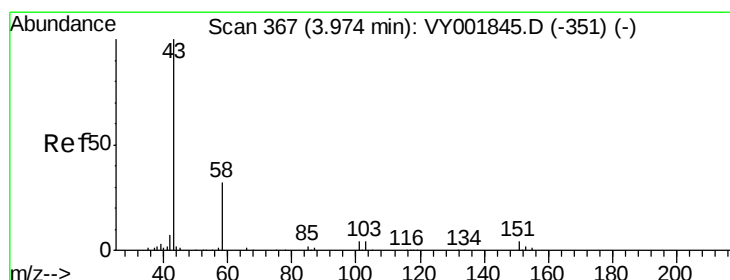
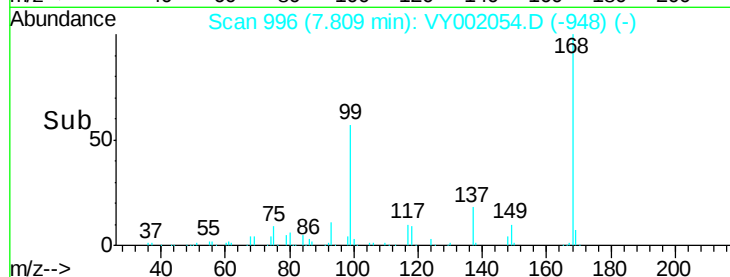
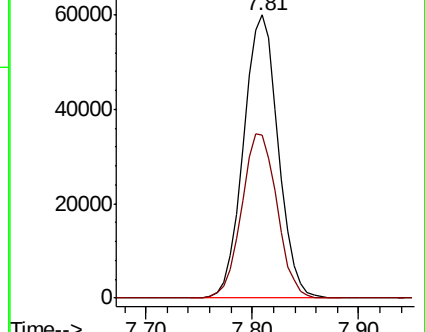
168 100

99 57.4 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001845.D (-986) (-)

Ion 98.90 (98.60 to 99.60): VY001845.D (-986) (-)



#16

Acetone

Concen: 7.673 ug/l

RT: 3.97 min Scan# 366

Delta R.T. -0.01 min

Lab File: VY002054.D

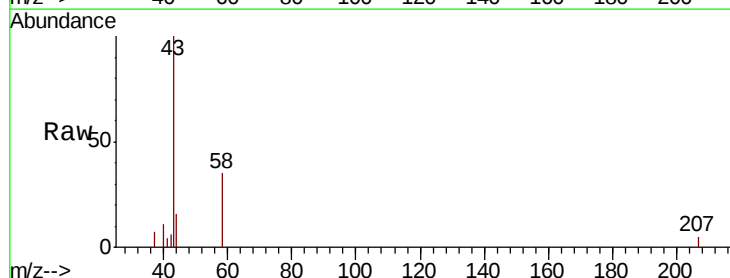
Acq: 24 Mar 2020 16:33

Tgt Ion: 43 Resp: 3261

Ion Ratio Lower Upper

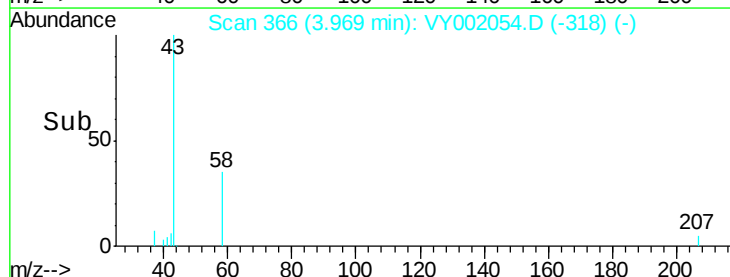
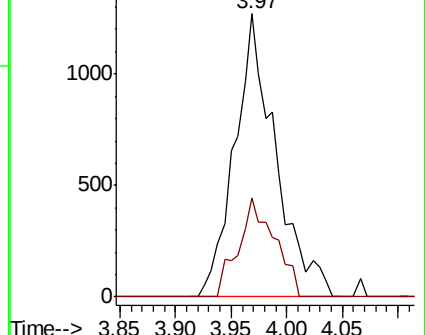
43 100

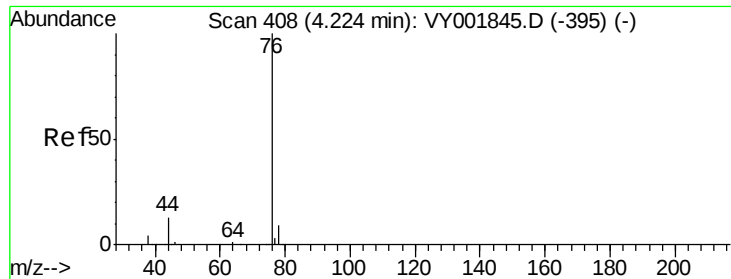
58 35.2 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VY001845.D (-351) (-)

Ion 58.00 (57.70 to 58.70): VY001845.D (-351) (-)

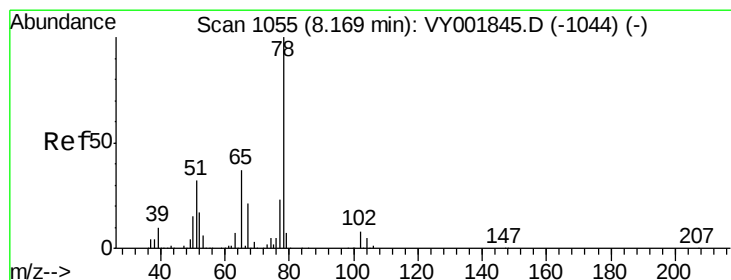
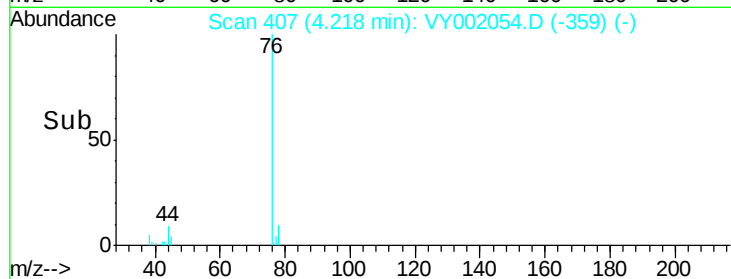
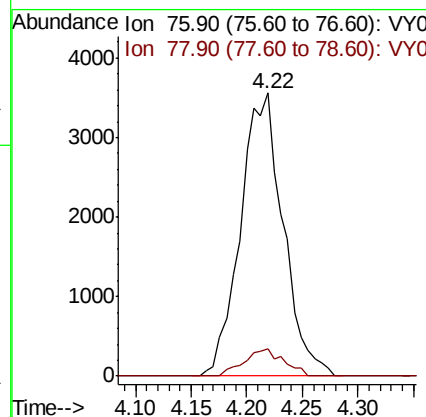
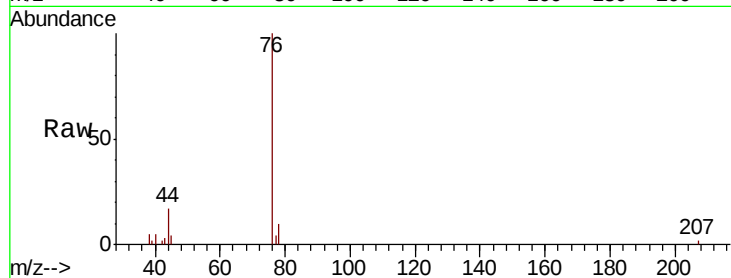




#17
Carbon Disulfide
Concen: 1.853 ug/l
RT: 4.22 min Scan# 407
Delta R.T. -0.01 min
Lab File: VY002054.D
Acq: 24 Mar 2020 16:33

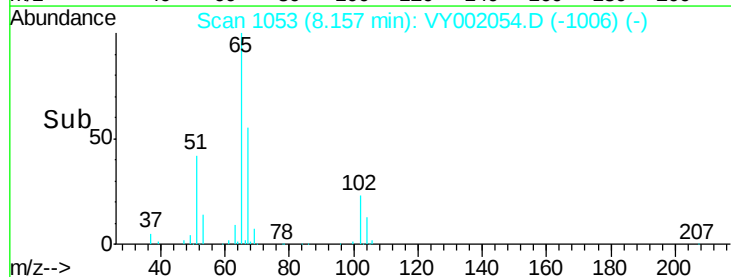
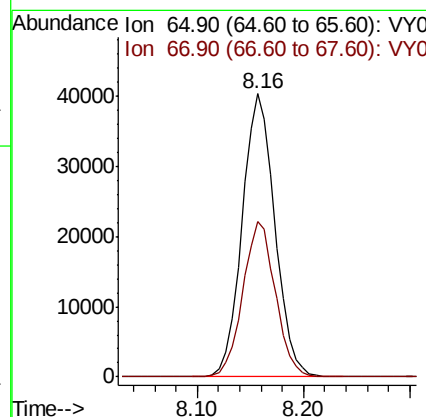
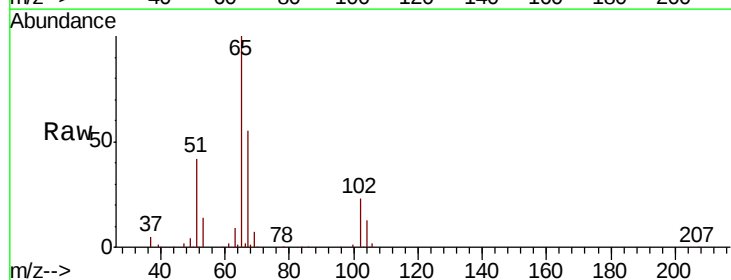
Instrument :
MSVOA_Y
ClientSampleId :
SB-31-(5.5-6)

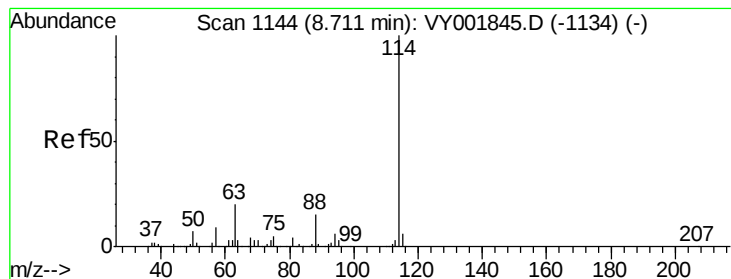
Tot Ion: 76 Resp: 9468
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.2



#33
1,2-Dichloroethane-d4
Concen: 59.480 ug/l
RT: 8.16 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VY002054.D
Acq: 24 Mar 2020 16:33

Tgt Ion: 65 Resp: 86794
Ion Ratio Lower Upper
65 100
67 54.7 0.0 110.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY002054.D

Acq: 24 Mar 2020 16:33

Instrument :

MSVOA_Y

ClientSampleId :

SB-31-(5.5-6)

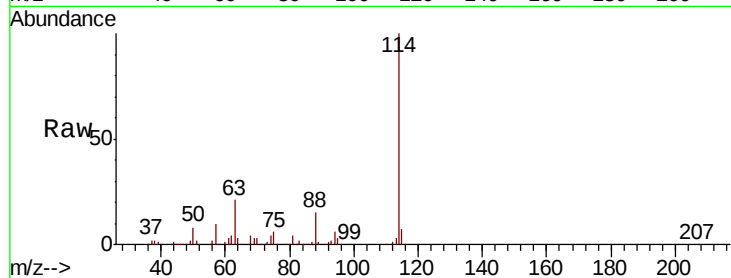
Tot Ion:114 Resp: 265685

Ion Ratio Lower Upper

114 100

63 21.3 0.0 39.4

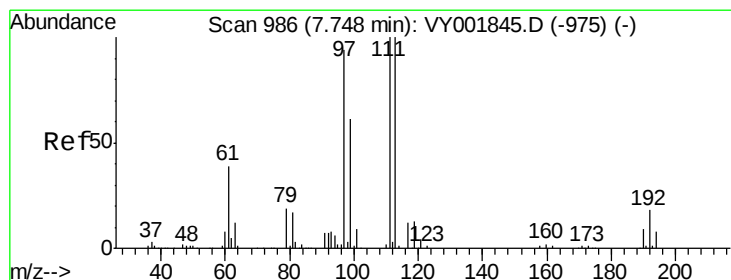
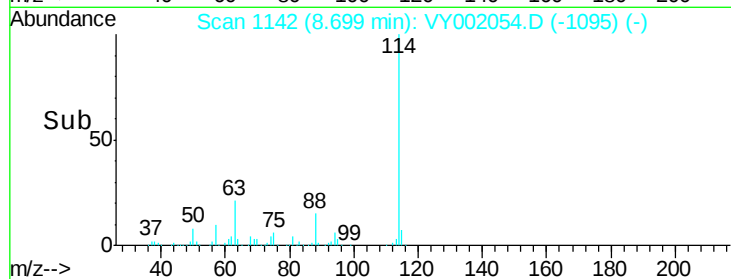
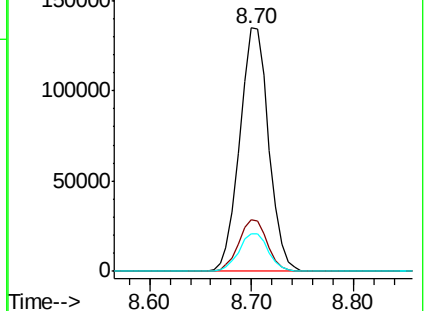
88 15.2 0.0 30.4



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: 53.068 ug/l

RT: 7.74 min Scan# 985

Delta R.T. -0.01 min

Lab File: VY002054.D

Acq: 24 Mar 2020 16:33

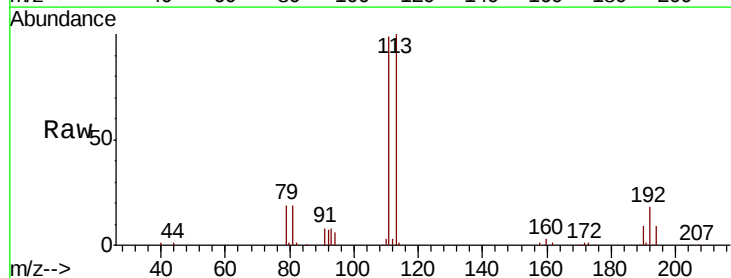
Tgt Ion:113 Resp: 76989

Ion Ratio Lower Upper

113 100

111 104.4 81.8 122.8

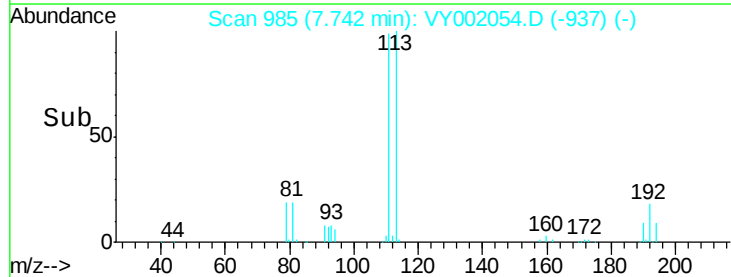
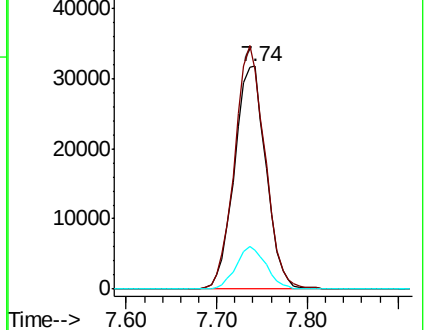
192 18.3 14.2 21.2

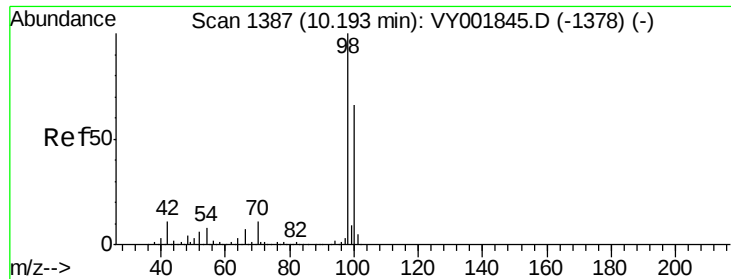


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

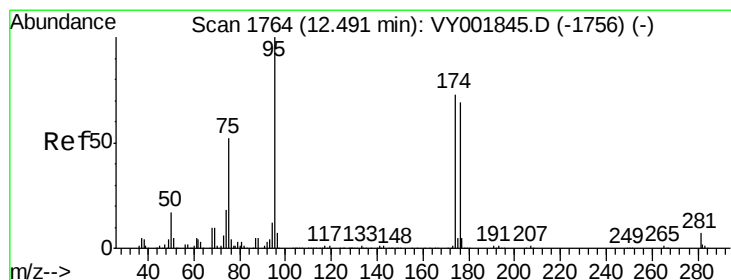
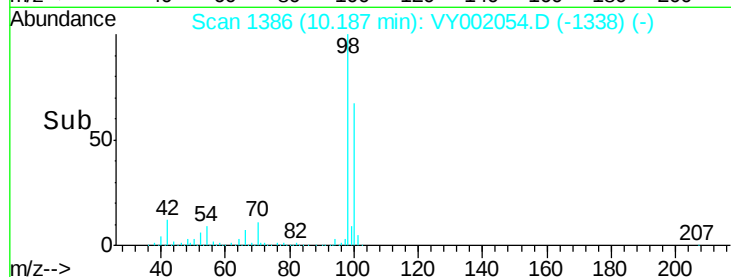
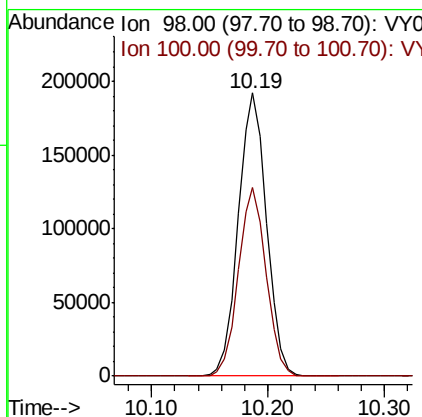
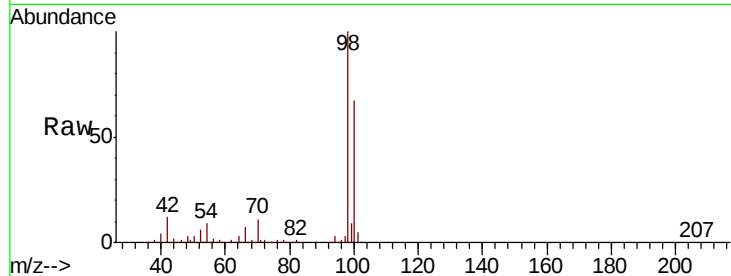




#50
Toluene-d8
Concen: 52.997 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.01 min
Lab File: VY002054.D
Acq: 24 Mar 2020 16:33

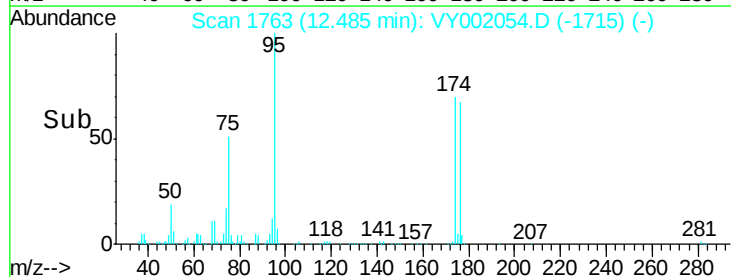
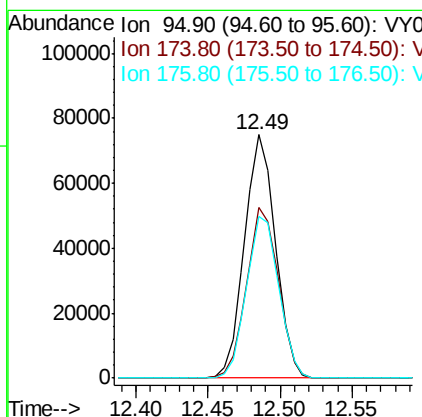
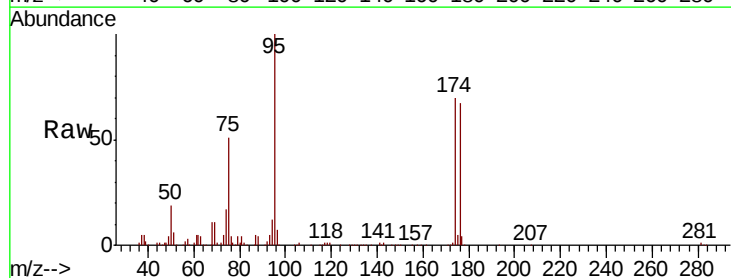
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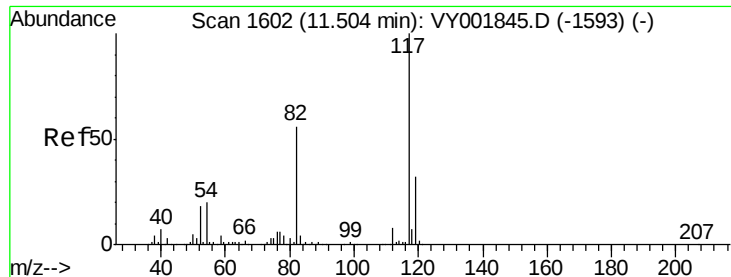
Tot Ion: 98 Resp: 324212
Ion Ratio Lower Upper
98 100
100 65.5 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 52.533 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.01 min
Lab File: VY002054.D
Acq: 24 Mar 2020 16:33

Tgt Ion: 95 Resp: 111747
Ion Ratio Lower Upper
95 100
174 71.8 0.0 145.0
176 69.1 0.0 137.4

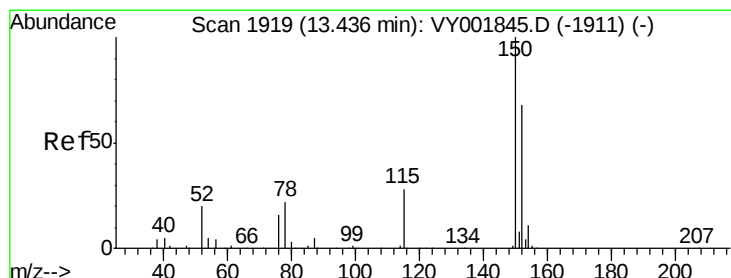
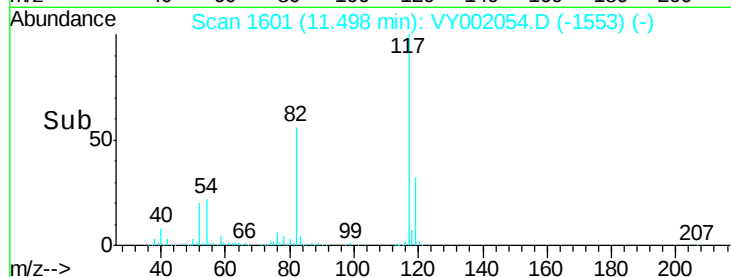
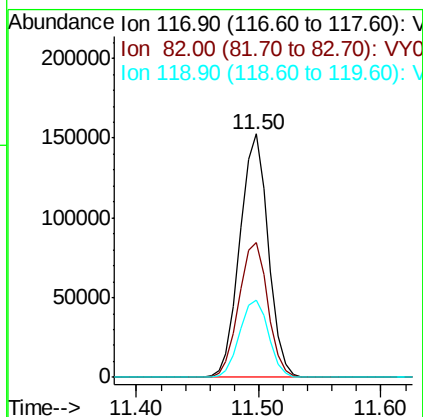
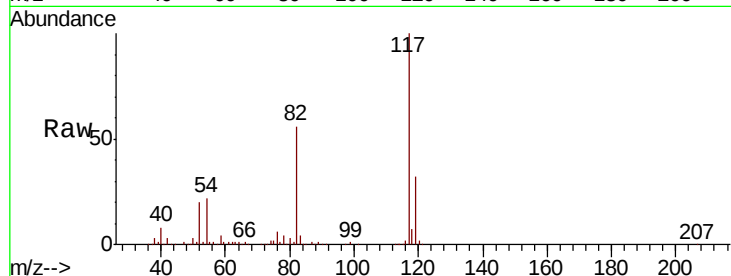




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY002054.D
Acq: 24 Mar 2020 16:33

Instrument :
MSVOA_Y
ClientSampleId :
SB-31-(5.5-6)

Tot Ion:117 Resp: 244793
Ion Ratio Lower Upper
117 100
82 55.6 44.5 66.7
119 31.5 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY002054.D
Acq: 24 Mar 2020 16:33

Tgt Ion:152 Resp: 109007
Ion Ratio Lower Upper
152 100
115 61.2 29.9 89.7
150 156.8 0.0 340.6

