

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY020620\
 Data File : VY001546.D
 Acq On : 06 Feb 2020 21:01
 Operator : SY/MD
 Sample : L1403-04
 Misc : 13.03G/5ML/MSVOA Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

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

Quant Time: Feb 07 05:43:56 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

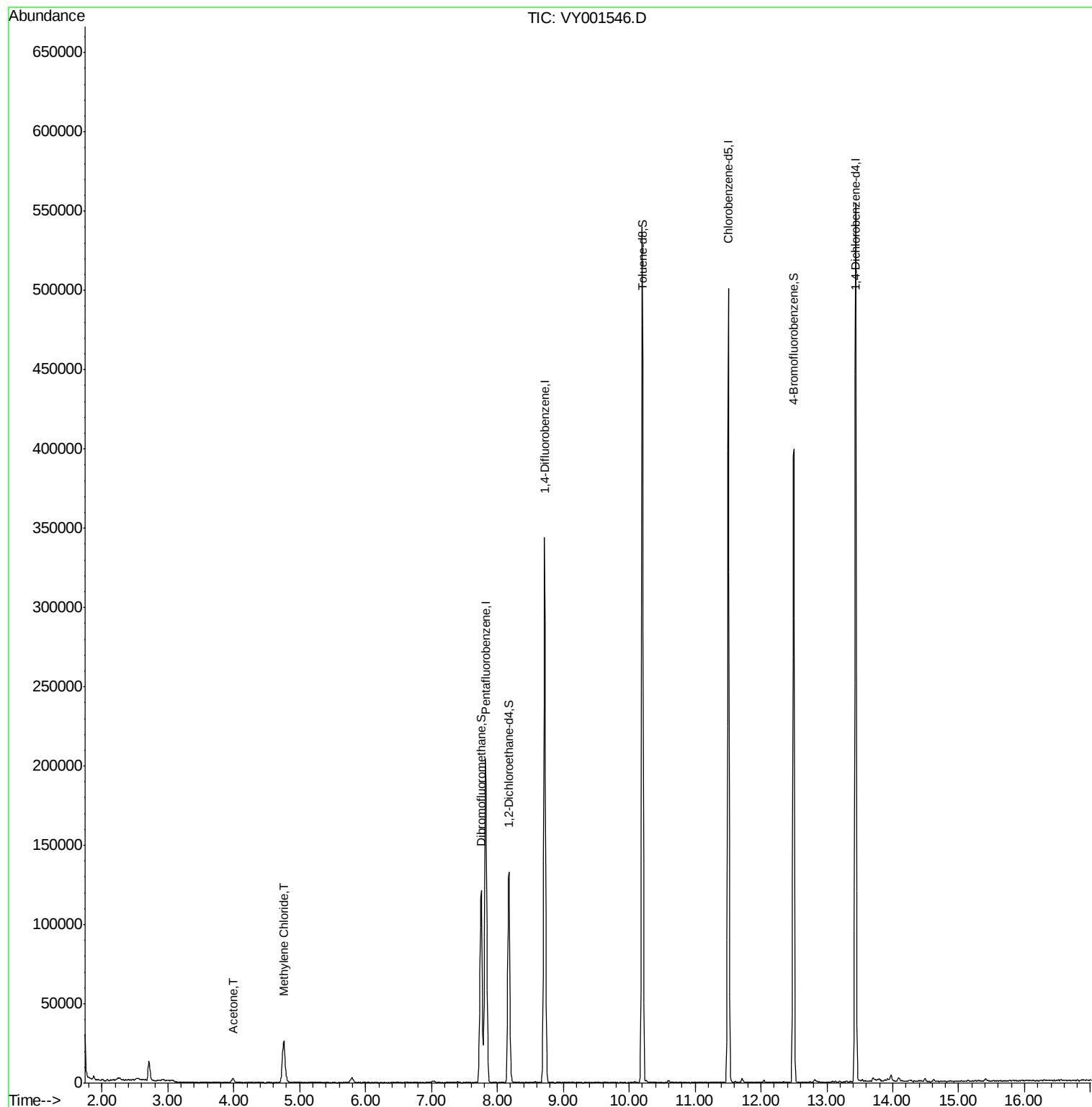
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	156368	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.72	114	289139	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.50	117	275433	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	132746	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	97958	62.22	ug/l	0.01
Spiked Amount 50.000			Recovery	=	124.44%	
35) Dibromofluoromethane	7.75	113	86793	52.06	ug/l	0.01
Spiked Amount 50.000			Recovery	=	104.12%	
50) Toluene-d8	10.20	98	344794	54.66	ug/l	0.01
Spiked Amount 50.000			Recovery	=	109.32%	
62) 4-Bromofluorobenzene	12.49	95	133891	53.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.76%	
Target Compounds						
16) Acetone	3.99	43	4829	10.604	ug/l	Qvalue 100
20) Methylene Chloride	4.76	84	19573	6.903	ug/l	95

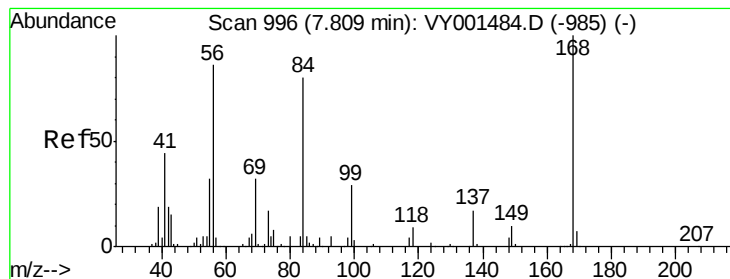
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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: VY001546.D

Acq: 06 Feb 2020 21:01

Instrument :

MSVOA_Y

ClientSampleId :

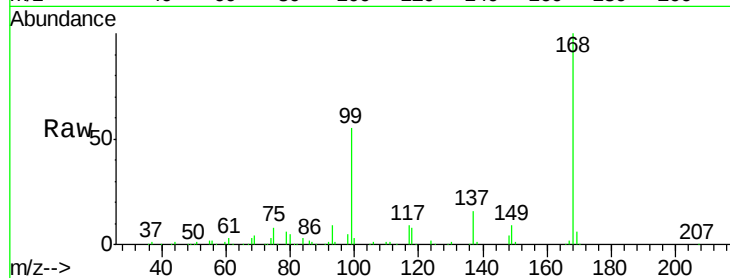
SB-4-4-4.5

Tot Ion:168 Resp: 156368

Ion Ratio Lower Upper

168 100

99 54.9 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VY001546.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY001546.D (-947) (-)

7.82

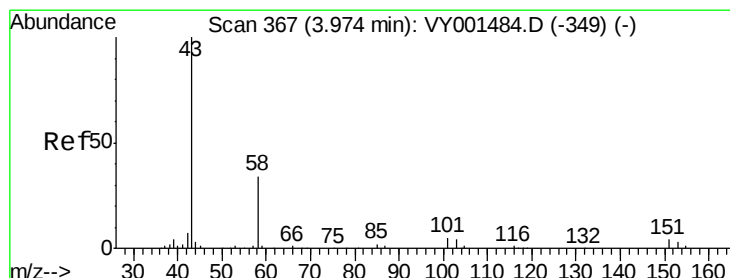
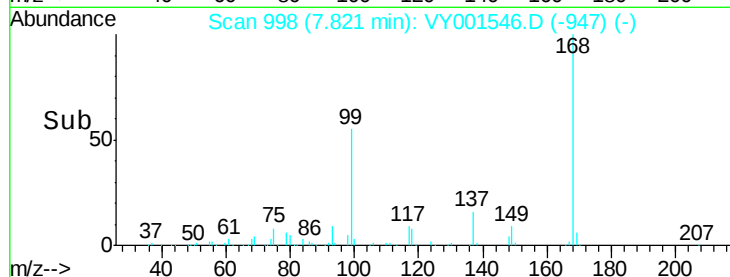
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 10.604 ug/l

RT: 3.99 min Scan# 369

Delta R.T. 0.01 min

Lab File: VY001546.D

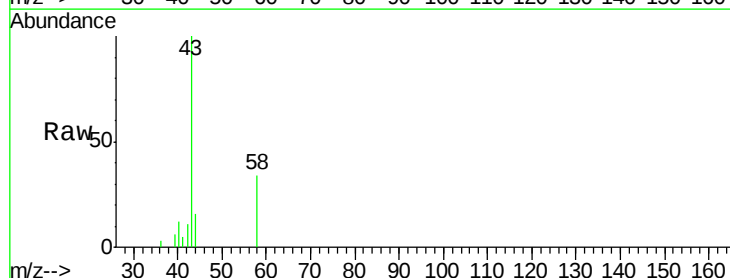
Acq: 06 Feb 2020 21:01

Tgt Ion: 43 Resp: 4829

Ion Ratio Lower Upper

43 100

58 34.2 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VY001546.D (-318) (-)

Ion 58.00 (57.70 to 58.70): VY001546.D (-318) (-)

3.99

2000

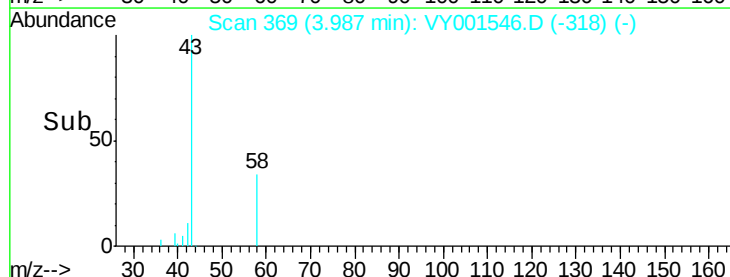
1500

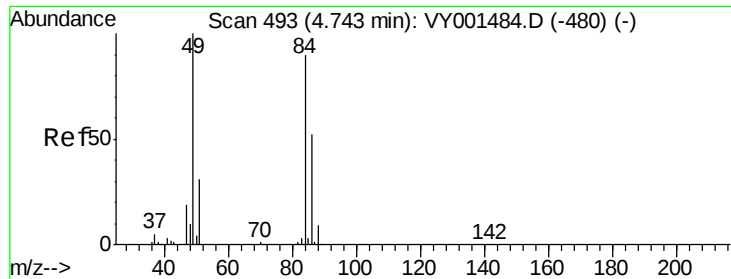
1000

500

0

Time-->



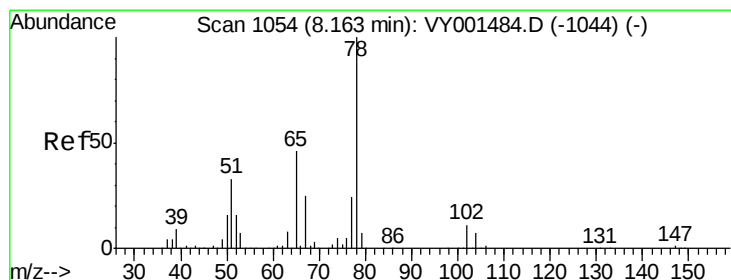
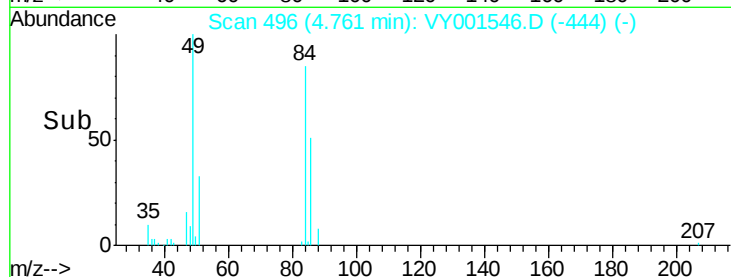
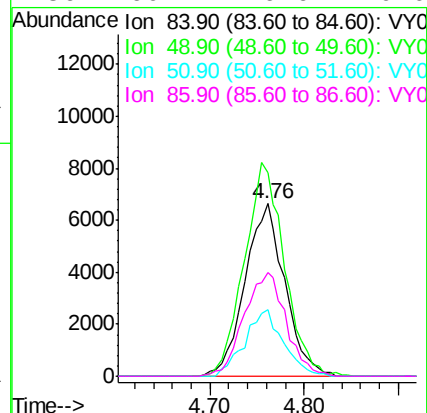
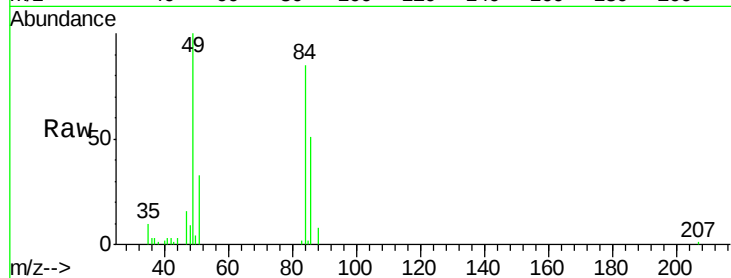


#20
Methvlene Chloride
Concen: 6.903 ug/l
RT: 4.76 min Scan# 496
Delta R.T. 0.02 min
Lab File: VY001546.D
Acq: 06 Feb 2020 21:01

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

Tot Ion: 84 Resp: 19573

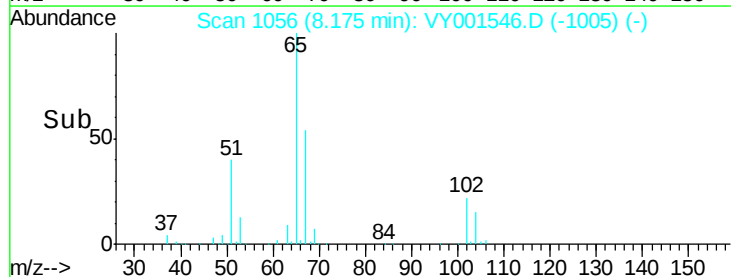
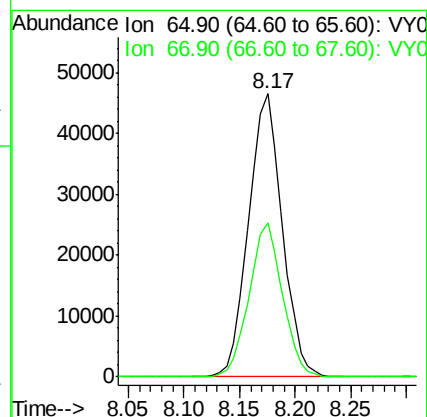
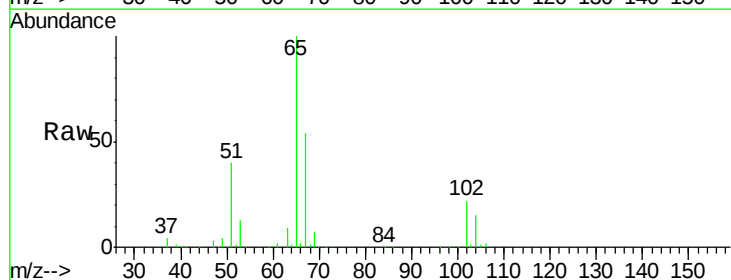
Ion	Ratio	Lower	Upper
84	100		
49	118.0	89.0	133.6
51	38.5	27.4	41.2
86	60.2	46.6	70.0

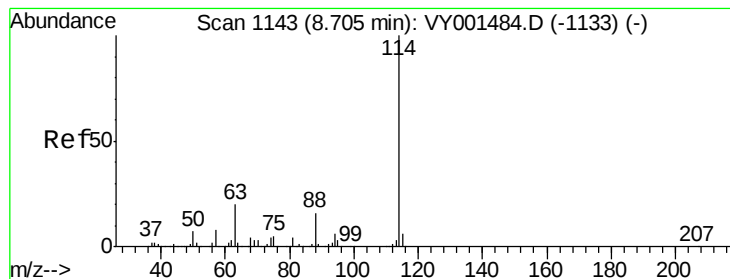


#33
1,2-Dichloroethane-d4
Concen: 62.219 ug/l
RT: 8.17 min Scan# 1056
Delta R.T. 0.01 min
Lab File: VY001546.D
Acq: 06 Feb 2020 21:01

Tgt Ion: 65 Resp: 97958

Ion	Ratio	Lower	Upper
65	100		
67	53.9	0.0	108.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.72 min Scan# 1145

Delta R.T. 0.01 min

Lab File: VY001546.D

Acq: 06 Feb 2020 21:01

Instrument :

MSVOA_Y

ClientSampleId :

SB-4-4-4.5

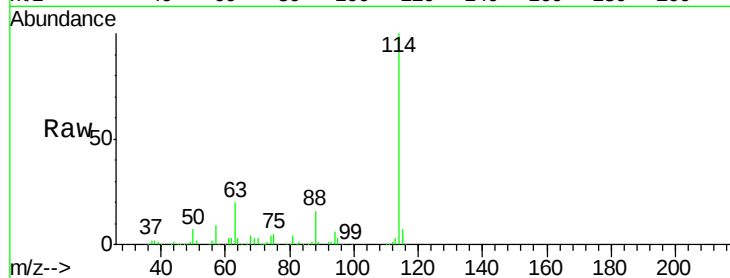
Tot Ion:114 Resp: 289139

Ion Ratio Lower Upper

114 100

63 20.5 0.0 39.8

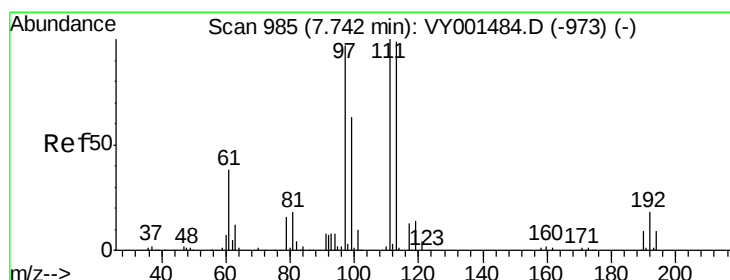
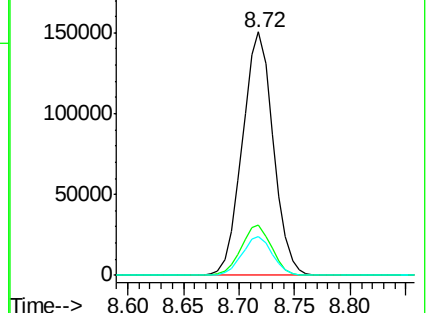
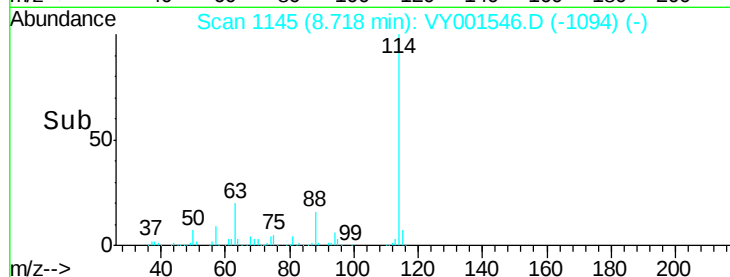
88 15.7 0.0 32.6



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: 52.056 ug/l

RT: 7.75 min Scan# 987

Delta R.T. 0.01 min

Lab File: VY001546.D

Acq: 06 Feb 2020 21:01

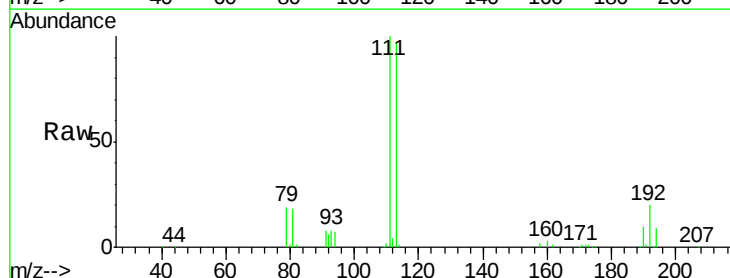
Tgt Ion:113 Resp: 86793

Ion Ratio Lower Upper

113 100

111 102.3 82.9 124.3

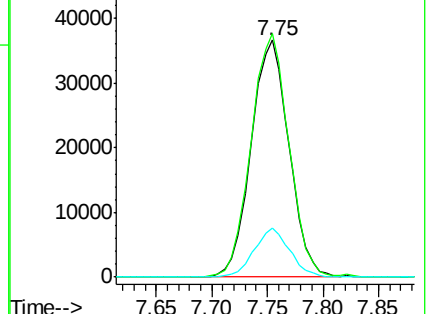
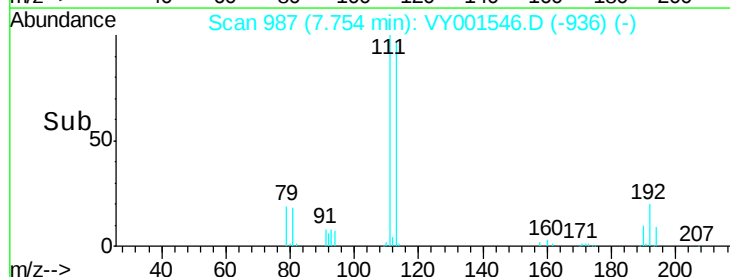
192 19.3 14.6 22.0

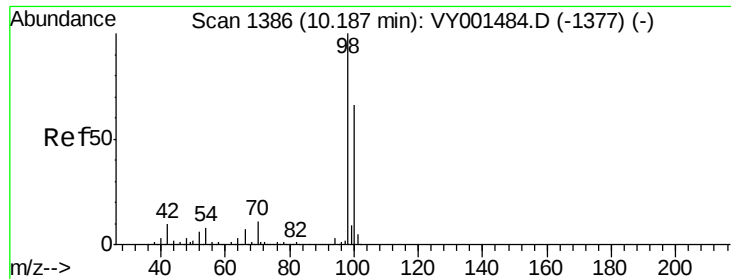


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 54.658 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY001546.D

Acq: 06 Feb 2020 21:01

Instrument :

MSVOA_Y

ClientSampleId :

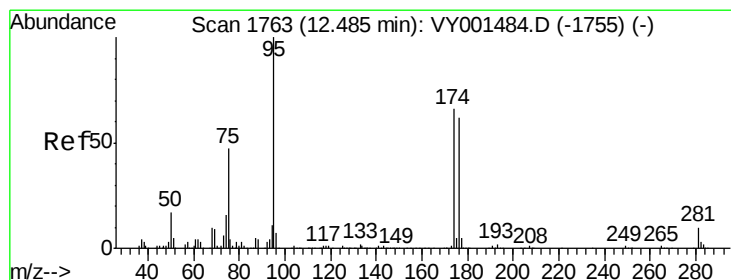
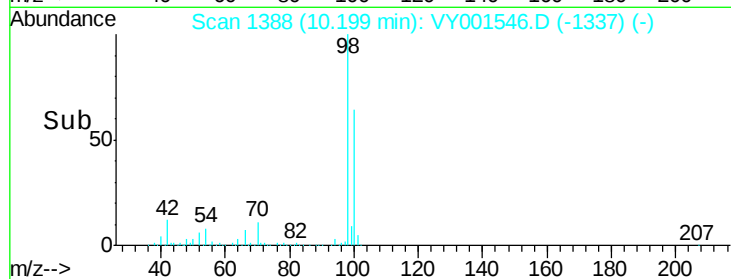
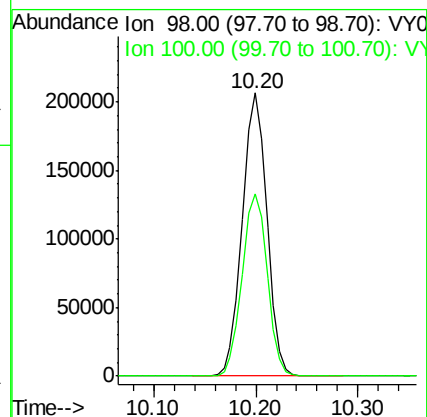
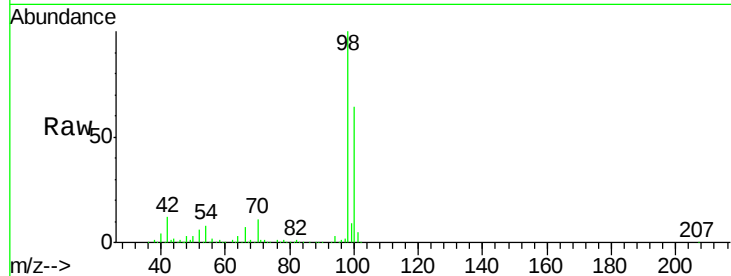
SB-4-4-4.5

Tot Ion: 98 Resp: 344794

Ion Ratio Lower Upper

98 100

100 65.8 53.0 79.6



#62

4-Bromofluorobenzene

Concen: 53.878 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY001546.D

Acq: 06 Feb 2020 21:01

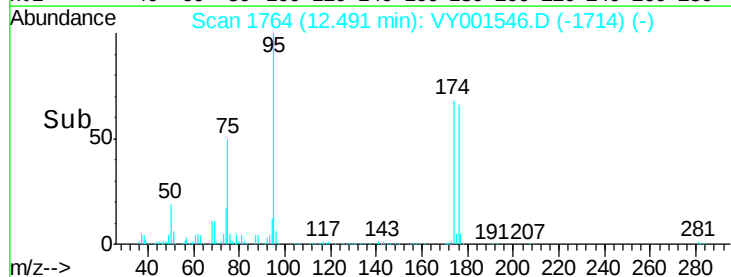
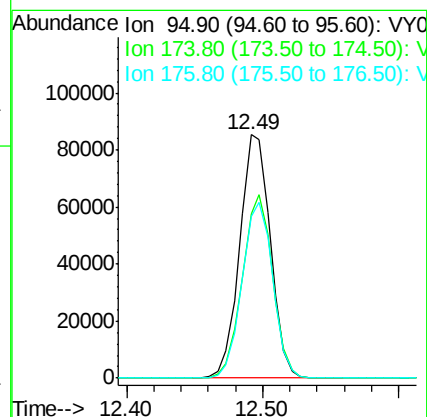
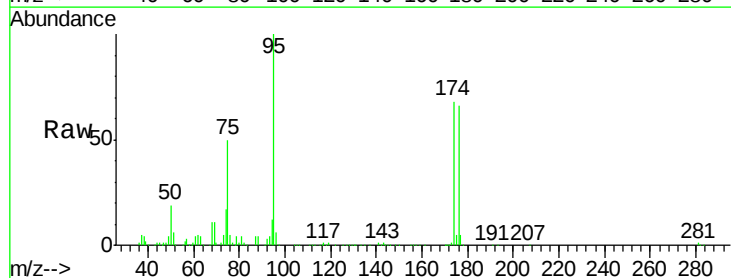
Tgt Ion: 95 Resp: 133891

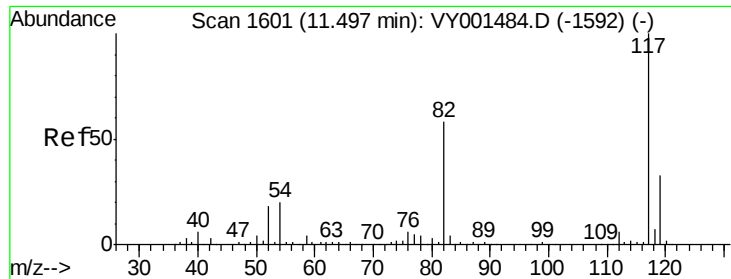
Ion Ratio Lower Upper

95 100

174 74.2 0.0 141.4

176 72.3 0.0 135.4

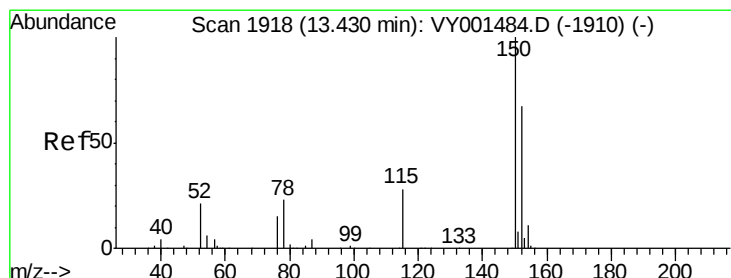
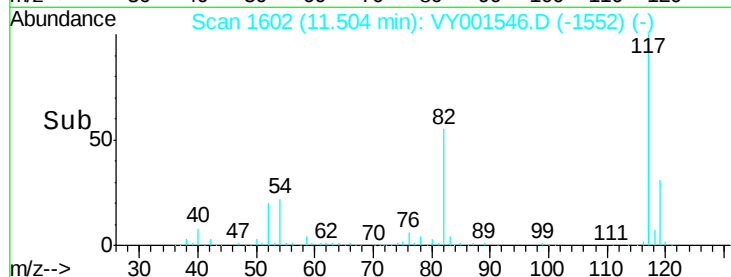
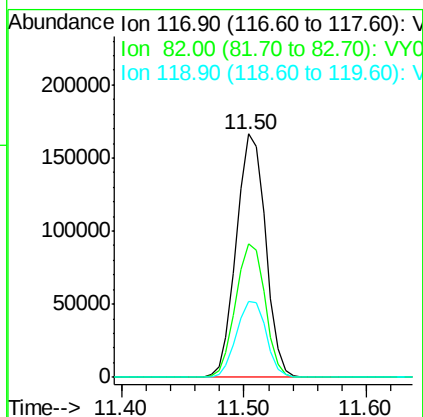
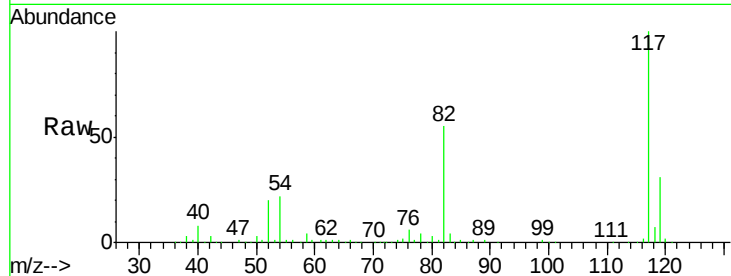




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY001546.D
Acq: 06 Feb 2020 21:01

Instrument :
MSVOA_Y
ClientSampled :
SB-4-4-4.5

Tot Ion:117 Resp: 275433
Ion Ratio Lower Upper
117 100
82 55.0 46.1 69.1
119 31.2 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: VY001546.D
Acq: 06 Feb 2020 21:01

Tgt Ion:152 Resp: 132746
Ion Ratio Lower Upper
152 100
115 59.5 31.4 94.3
150 158.6 0.0 346.8

