

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY022020\
 Data File : VY001716.D
 Acq On : 20 Feb 2020 12:15
 Operator : SY/MD
 Sample : L1595-02
 Misc : 7.35G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-BPM-01-C2-C3-C2A-C3A

Quant Time: Feb 21 08:16:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.83	168	173021	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.72	114	323835	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	289655	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	128977	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.17	65	105948	56.93	ug/l	0.00
Spiked Amount			Recovery	=	113.86%	
35) Dibromofluoromethane	7.75	113	92976	50.13	ug/l	0.00
Spiked Amount			Recovery	=	100.26%	
50) Toluene-d8	10.20	98	391599	53.89	ug/l	0.00
Spiked Amount			Recovery	=	107.78%	
62) 4-Bromofluorobenzene	12.50	95	134098	47.50	ug/l	0.00
Spiked Amount			Recovery	=	95.00%	

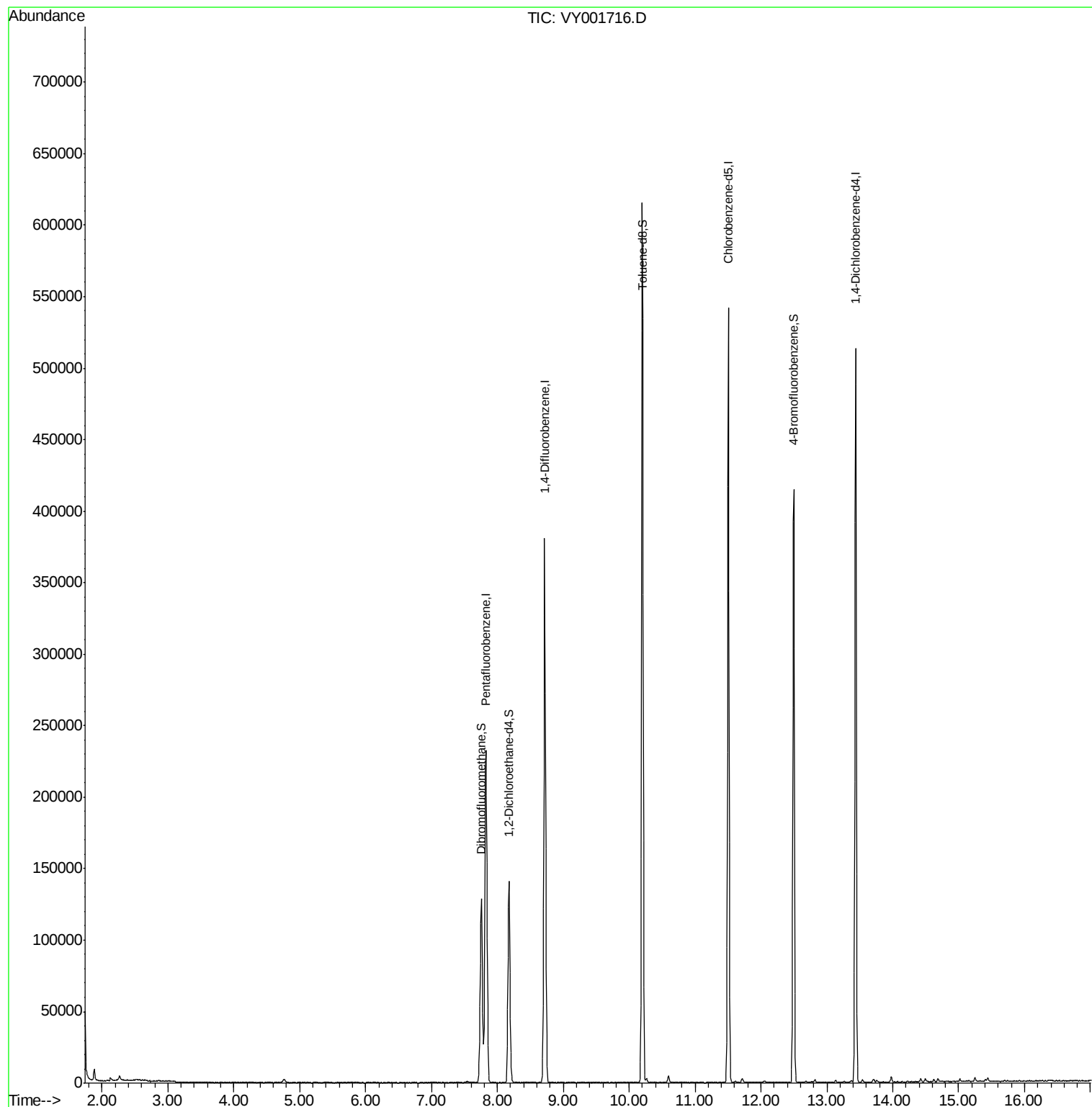
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.83 min Scan# 999

Delta R.T. 0.01 min

Lab File: VY001716.D

Acq: 20 Feb 2020 12:15

Instrument :

MSVOA_Y

ClientSampleId :

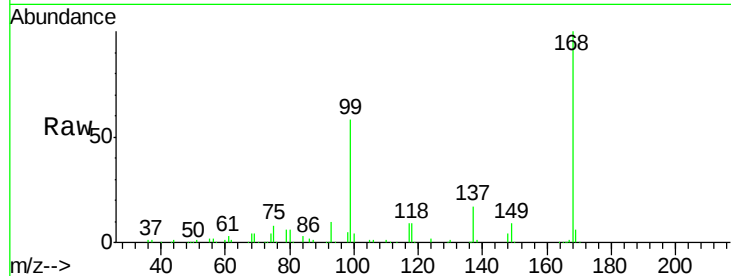
FK-BPM-01-C2-C3-C2A-C3A

Tot Ion:168 Resp: 173021

Ion Ratio Lower Upper

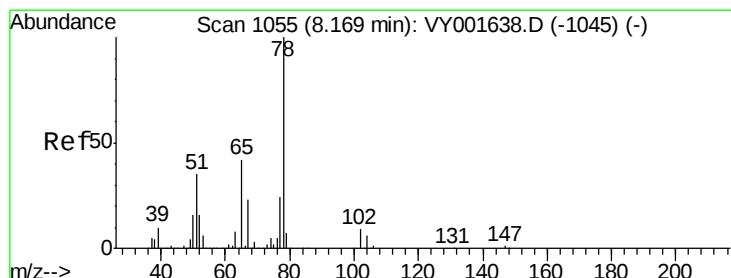
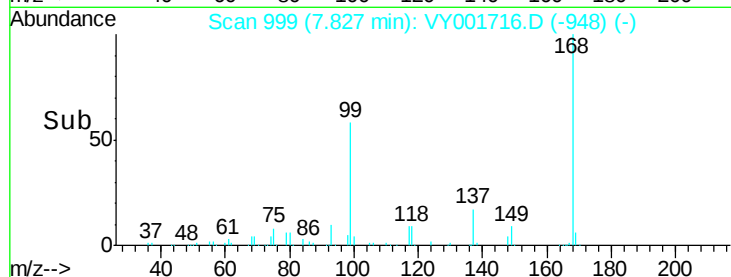
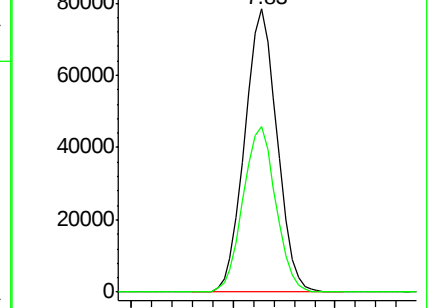
168 100

99 58.3 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001716.D (-948) (-)

Ion 98.90 (98.60 to 99.60): VY001716.D (-948) (-)



#33

1,2-Dichloroethane-d4

Concen: 56.928 ug/l

RT: 8.17 min Scan# 1056

Delta R.T. 0.01 min

Lab File: VY001716.D

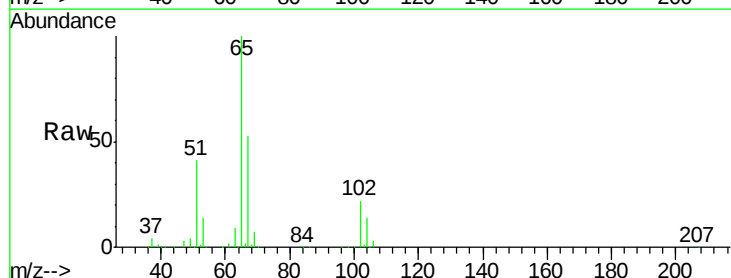
Acq: 20 Feb 2020 12:15

Tgt Ion: 65 Resp: 105948

Ion Ratio Lower Upper

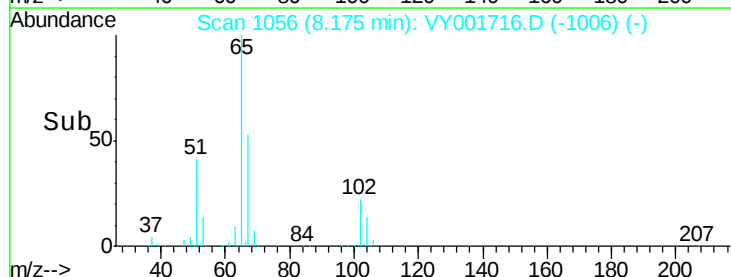
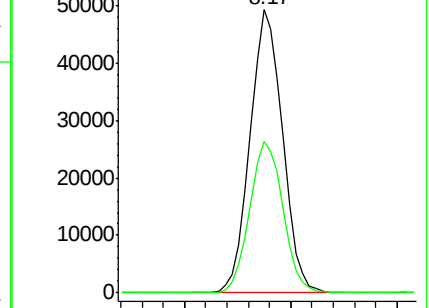
65 100

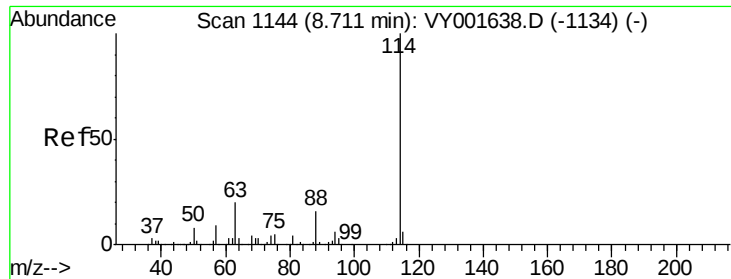
67 54.5 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY001716.D (-1006) (-)

Ion 66.90 (66.60 to 67.60): VY001716.D (-1006) (-)

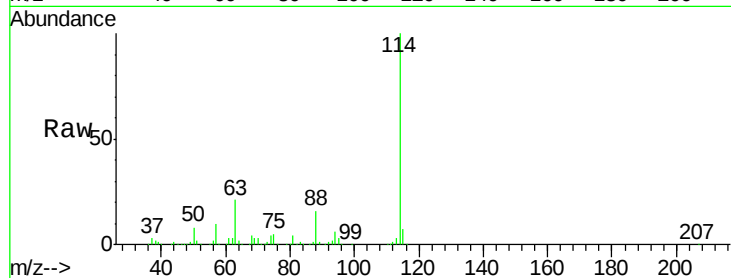




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.72 min Scan# 1145
 Delta R.T. 0.01 min
 Lab File: VY001716.D
 Acq: 20 Feb 2020 12:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-BPM-01-C2-C3-C2A-C3A

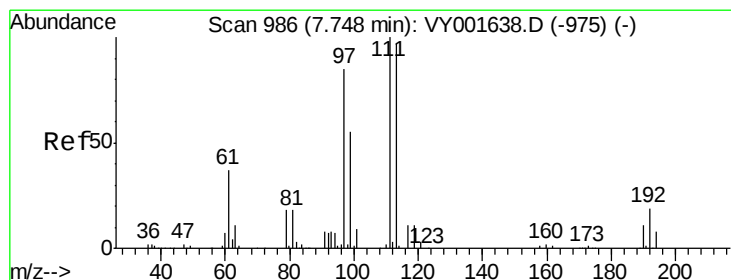
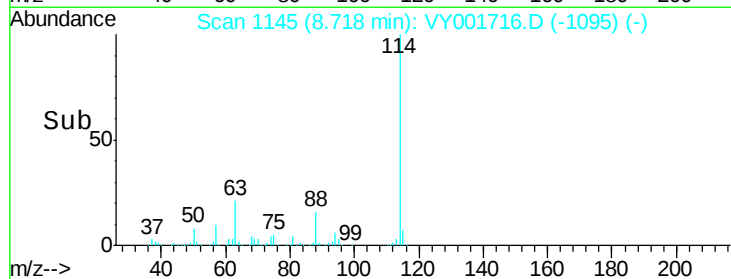
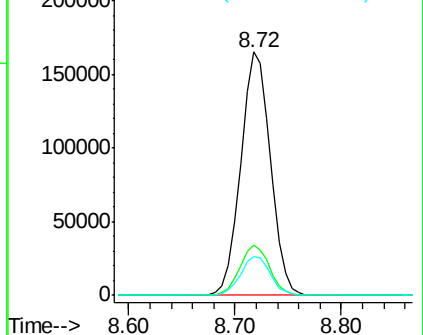
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	41.4
88	15.9	0.0	32.8



Abundance Ion 113.90 (113.60 to 114.60): V

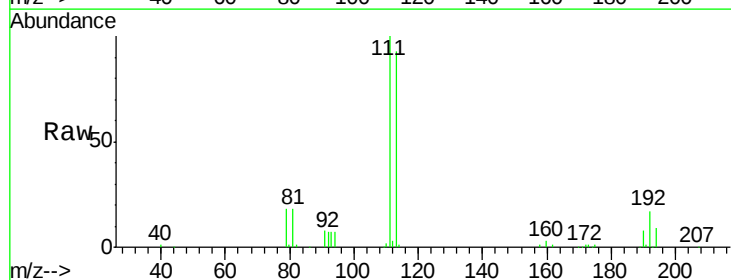
Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0



#35
 Dibromofluoromethane
 Concen: 50.128 ug/l
 RT: 7.75 min Scan# 987
 Delta R.T. 0.01 min
 Lab File: VY001716.D
 Acq: 20 Feb 2020 12:15

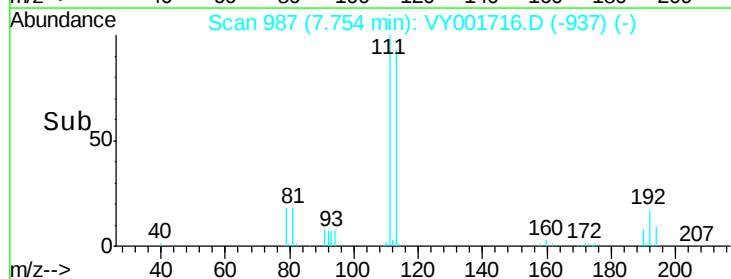
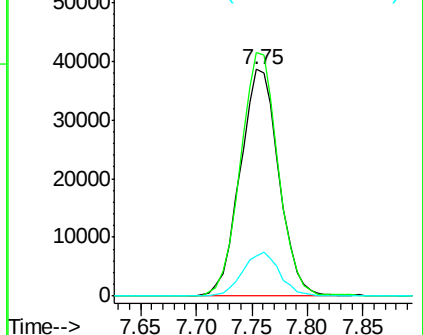
Tgt Ion	Ratio	Lower	Upper
113	100		
111	105.0	81.9	122.9
192	18.5	14.3	21.5

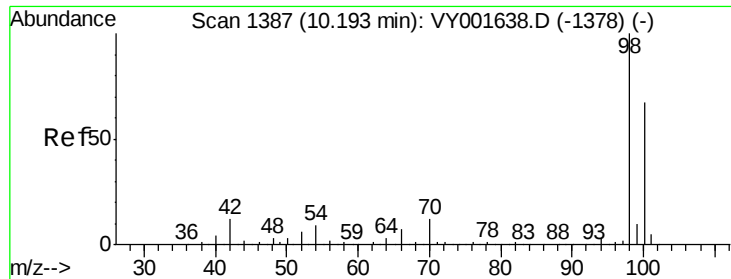


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 53.891 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY001716.D

Acq: 20 Feb 2020 12:15

Instrument :

MSVOA_Y

ClientSampleId :

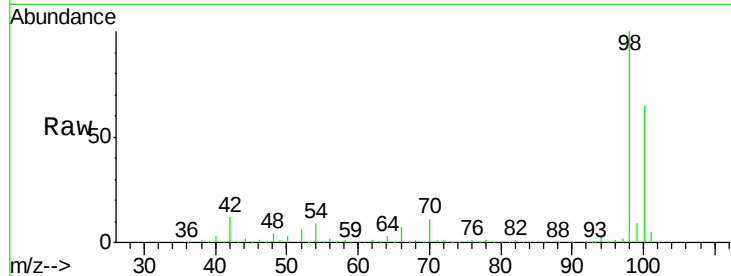
FK-BPM-01-C2-C3-C2A-C3A

Tot Ion: 98 Resp: 391599

Ion Ratio Lower Upper

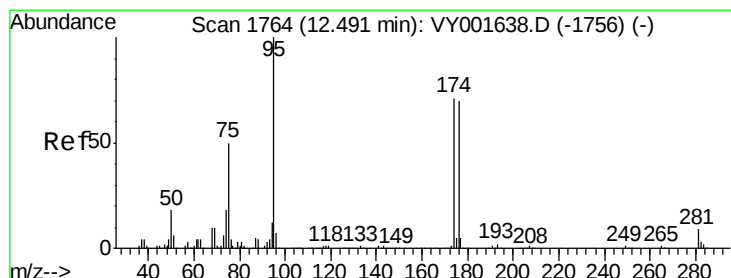
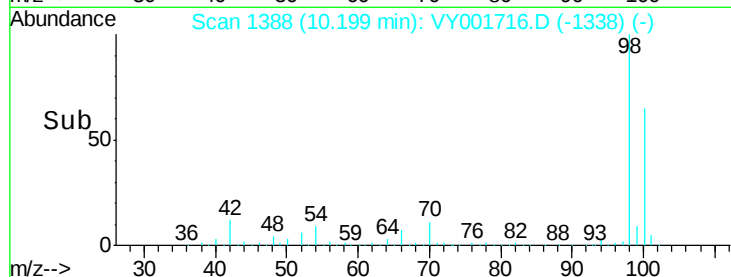
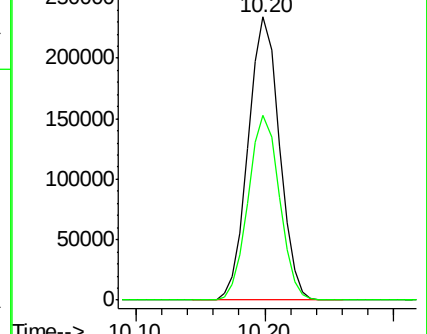
98 100

100 65.5 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY



#62

4-Bromofluorobenzene

Concen: 47.503 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. 0.01 min

Lab File: VY001716.D

Acq: 20 Feb 2020 12:15

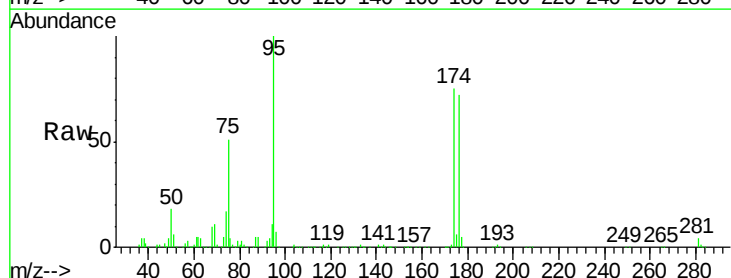
Tgt Ion: 95 Resp: 134098

Ion Ratio Lower Upper

95 100

174 73.4 0.0 138.4

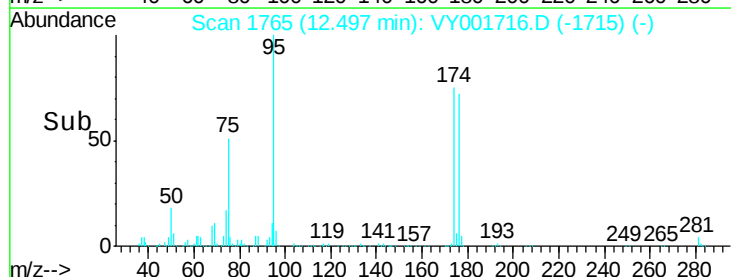
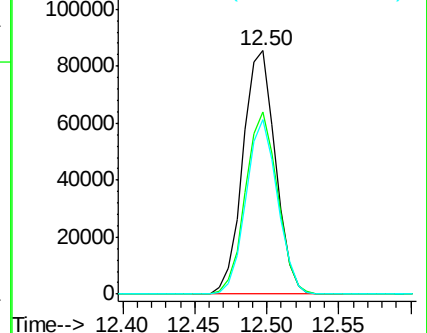
176 69.2 0.0 131.8



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

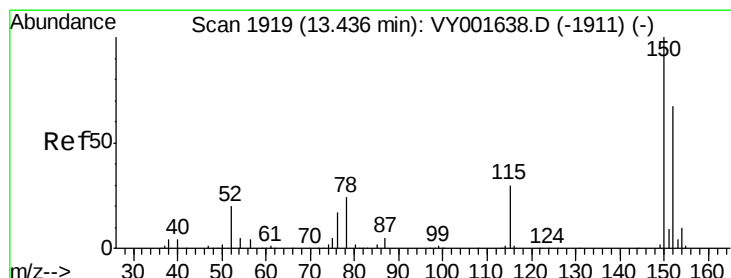
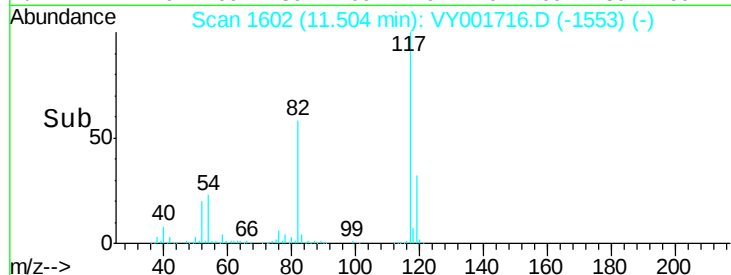
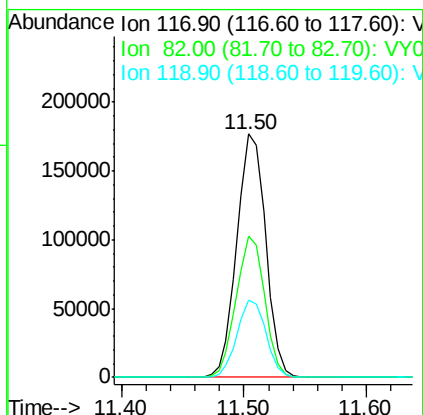
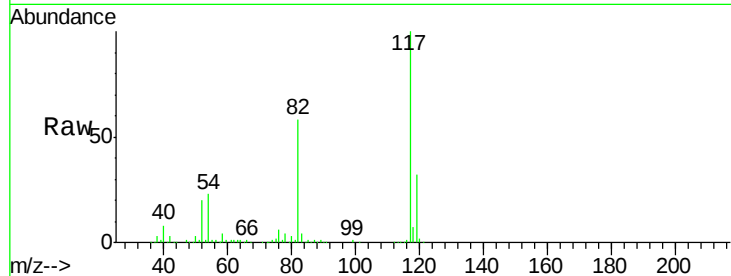




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY001716.D
Acq: 20 Feb 2020 12:15

Instrument :
MSVOA_Y
ClientSampleId :
FK-BPM-01-C2-C3-C2A-C3A

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.0	45.5	68.3
119	31.5	25.8	38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. -0.00 min
Lab File: VY001716.D
Acq: 20 Feb 2020 12:15

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.1	31.4	94.2
150	156.5	0.0	407.2

