

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY122419\
 Data File : VY001048.D
 Acq On : 24 Dec 2019 15:17
 Operator : SY/MD
 Sample : K6413-05
 Misc : 7.25G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 K005-AA-SB5

Quant Time: Dec 26 07:01:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y122319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 23 12:07:44 2019
 Response via : Initial Calibration

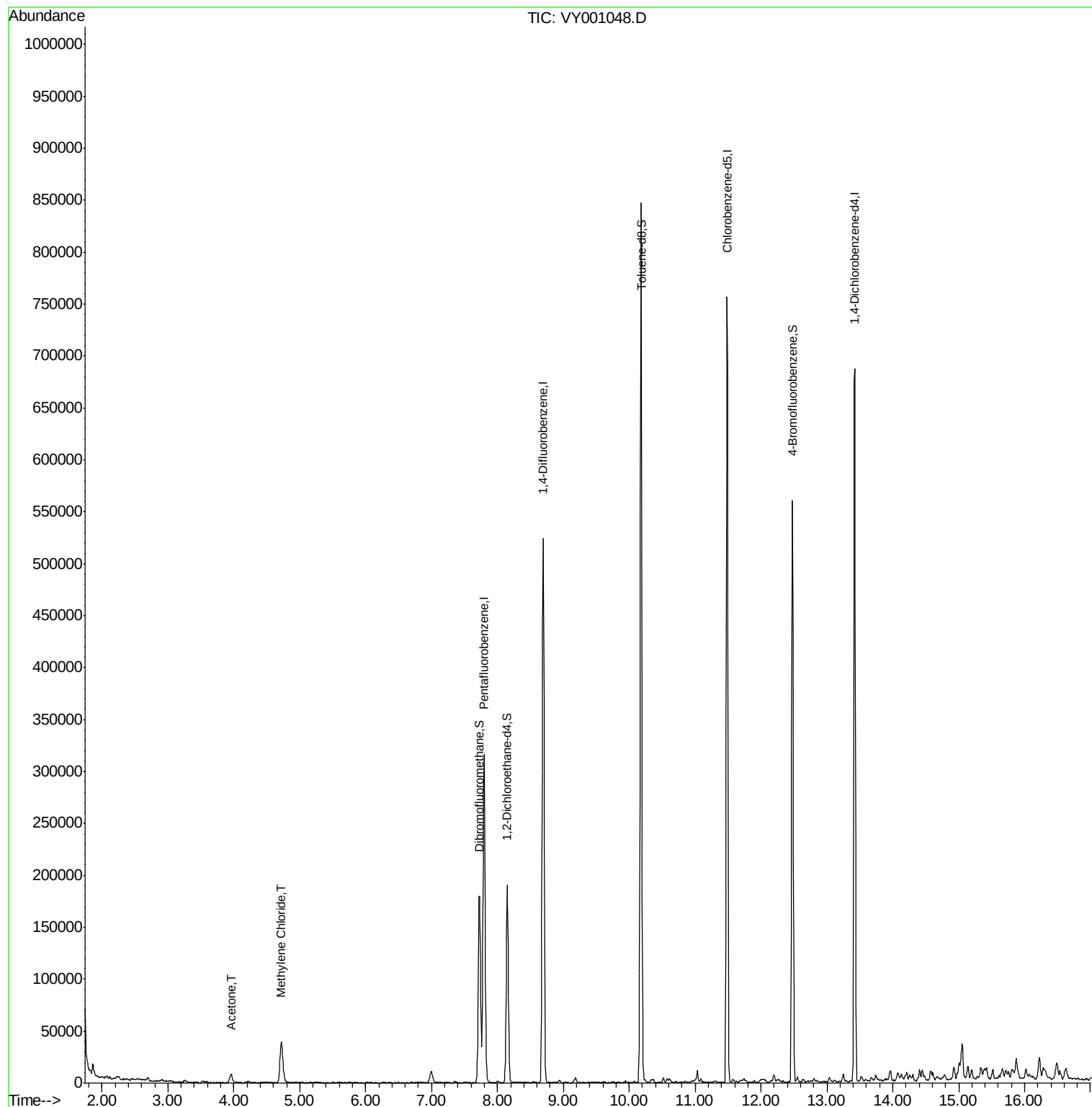
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	247735	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	456415	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	409930	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	171634	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	137583	56.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.62%	
35) Dibromofluoromethane	7.73	113	133060	49.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.02%	
50) Toluene-d8	10.18	98	545050	51.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.78%	
62) 4-Bromofluorobenzene	12.48	95	178211	46.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.82%	
Target Compounds						
16) Acetone	3.95	43	15054	26.744	ug/l #	76
20) Methylene Chloride	4.72	84	30341	9.158	ug/l	92

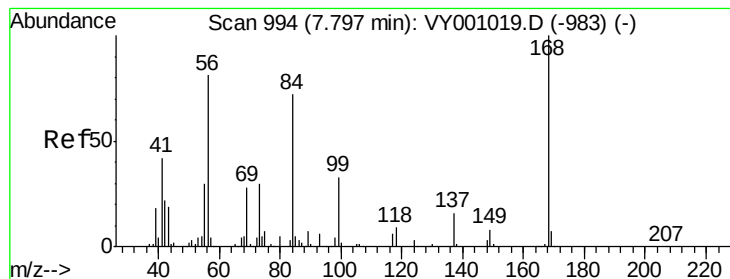
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY001048.D

Acq: 24 Dec 2019 15:17

Instrument :

MSVOA_Y

ClientSampleId :

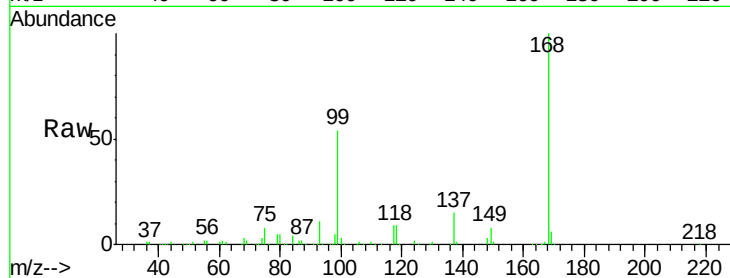
K005-AA-SB5

Tot Ion:168 Resp: 247735

Ion Ratio Lower Upper

168 100

99 54.3 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): VY001019.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY001019.D (-983) (-)

7.80

120000

100000

80000

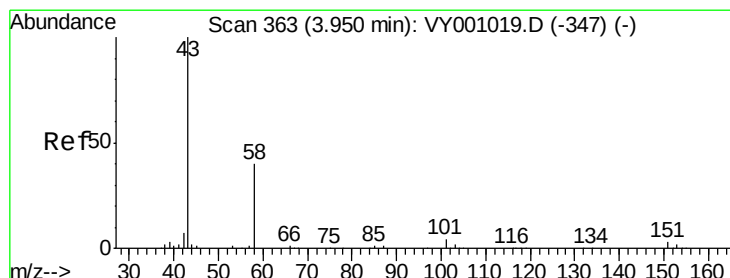
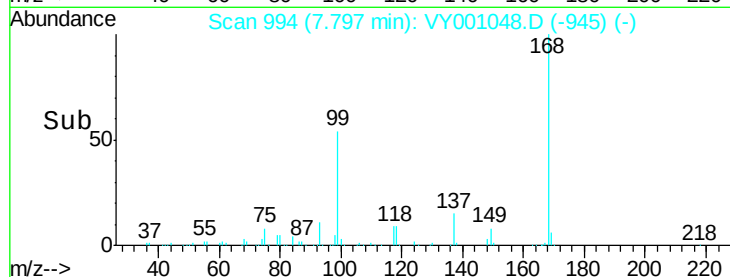
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 26.744 ug/l

RT: 3.95 min Scan# 363

Delta R.T. 0.00 min

Lab File: VY001048.D

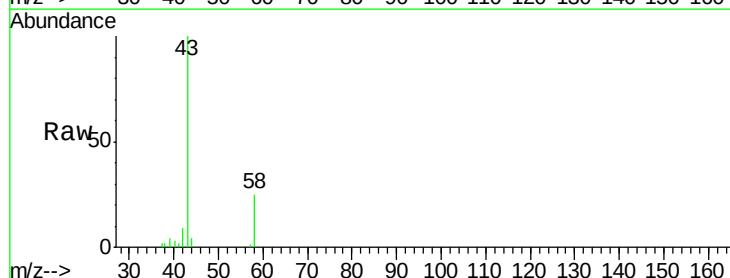
Acq: 24 Dec 2019 15:17

Tgt Ion: 43 Resp: 15054

Ion Ratio Lower Upper

43 100

58 25.2 32.1 48.1#



Abundance Ion 43.00 (42.70 to 43.70): VY001019.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY001019.D (-347) (-)

3.95

6000

5000

4000

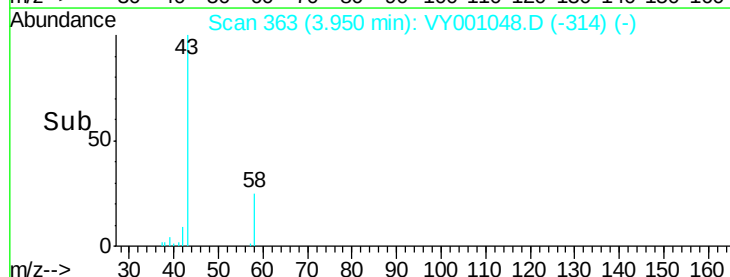
3000

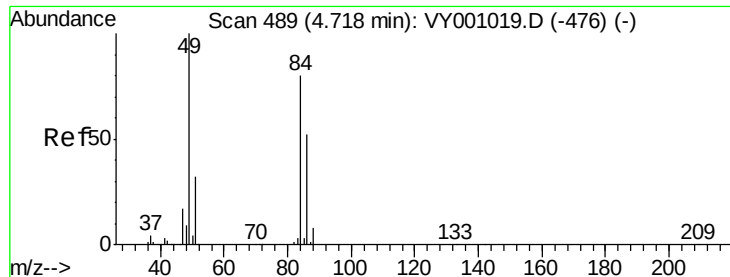
2000

1000

0

Time-->

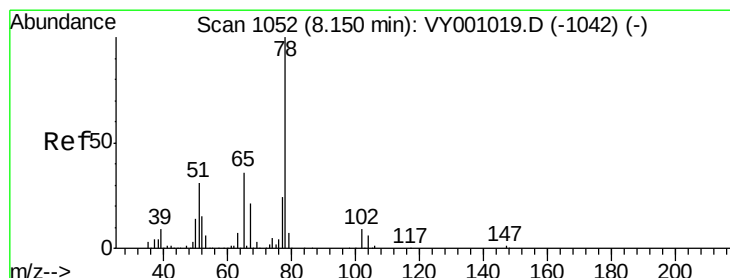
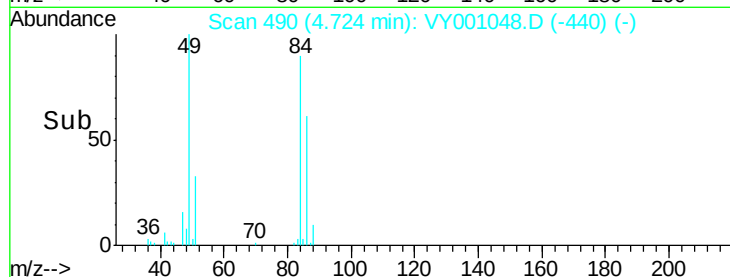
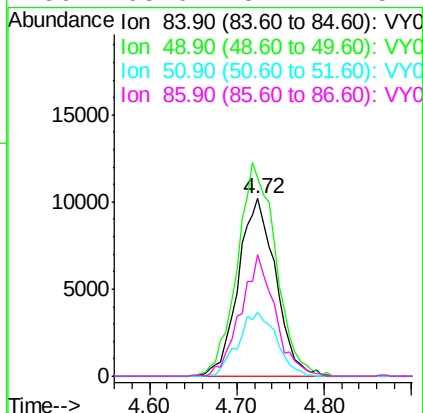
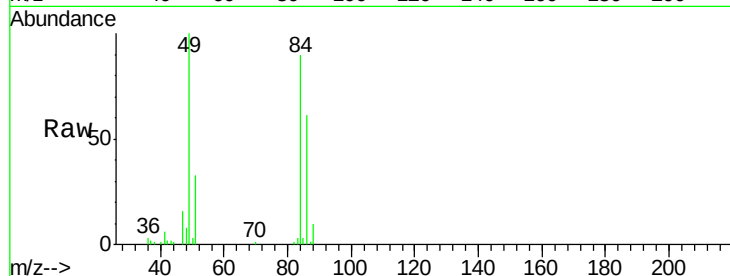




#20
Methylene Chloride
Concen: 9.158 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.01 min
Lab File: VY001048.D
Acq: 24 Dec 2019 15:17

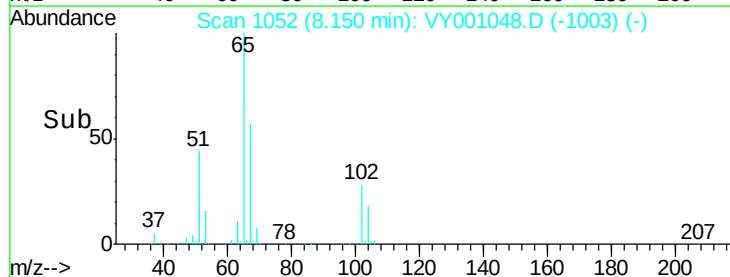
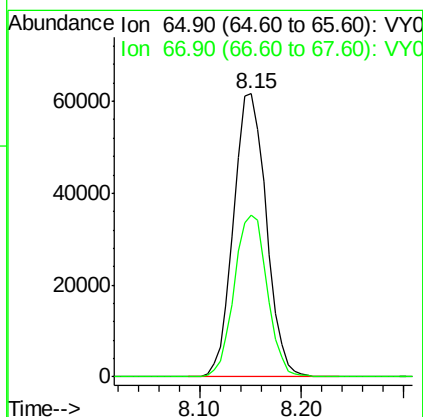
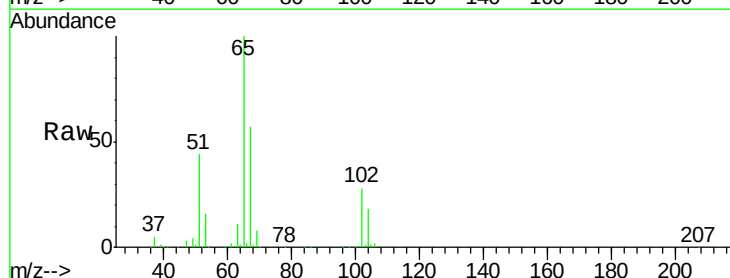
Instrument :
MSVOA_Y
ClientSampleId :
K005-AA-SB5

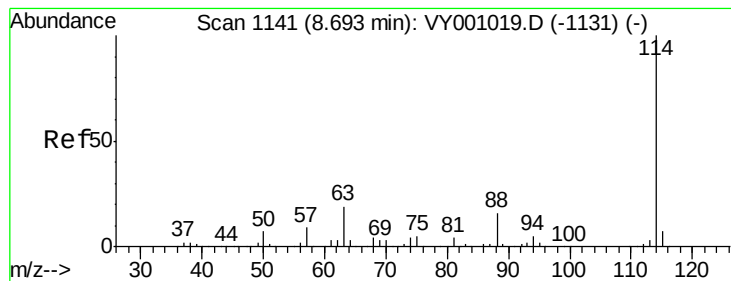
Tot Ion: 84 Resp: 30341
Ion Ratio Lower Upper
84 100
49 111.7 99.8 149.6
51 36.3 31.4 47.2
86 68.6 52.2 78.2



#33
1,2-Dichloroethane-d4
Concen: 56.309 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VY001048.D
Acq: 24 Dec 2019 15:17

Tgt Ion: 65 Resp: 137583
Ion Ratio Lower Upper
65 100
67 57.4 0.0 112.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. 0.00 min

Lab File: VY001048.D

Acq: 24 Dec 2019 15:17

Instrument :

MSVOA_Y

ClientSampleId :

K005-AA-SB5

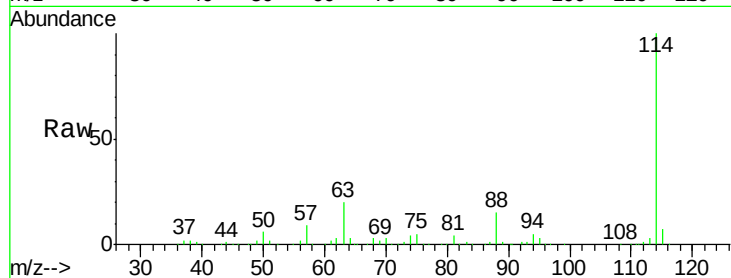
Tot Ion:114 Resp: 456415

Ion Ratio Lower Upper

114 100

63 19.6 0.0 37.0

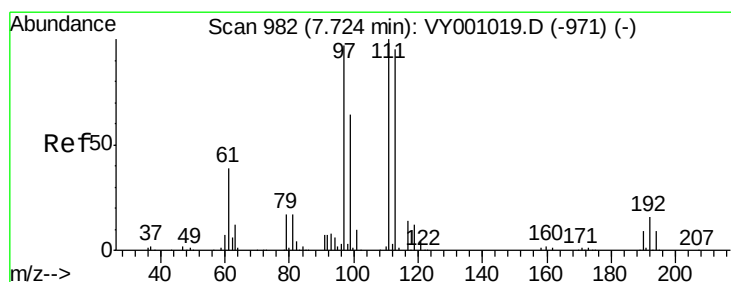
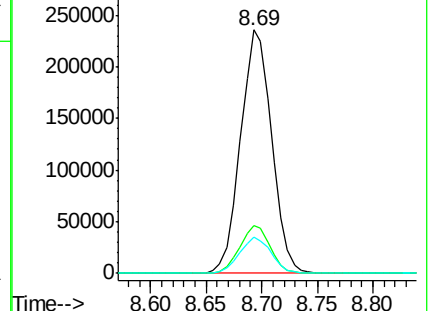
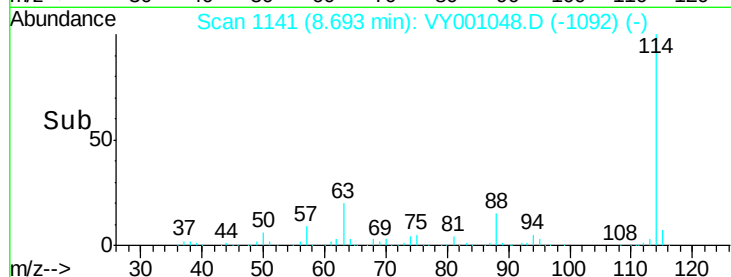
88 14.7 0.0 32.0



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: 49.508 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.01 min

Lab File: VY001048.D

Acq: 24 Dec 2019 15:17

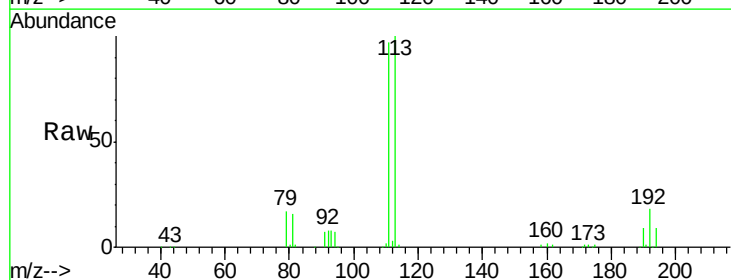
Tgt Ion:113 Resp: 133060

Ion Ratio Lower Upper

113 100

111 104.4 83.0 124.4

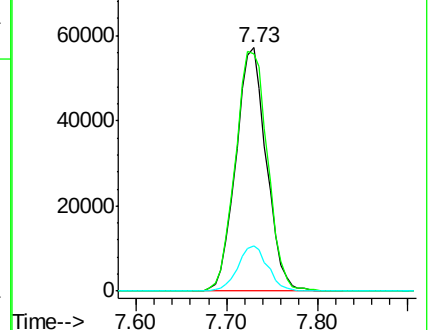
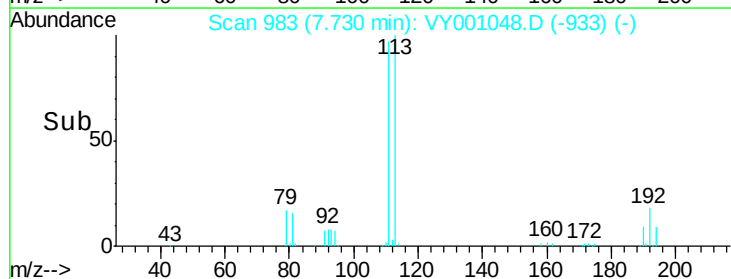
192 18.3 14.6 21.8

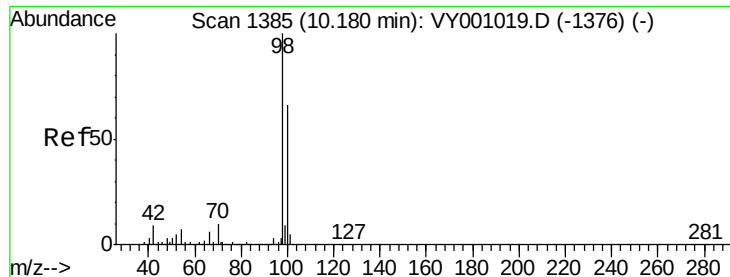


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.894 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY001048.D

Acq: 24 Dec 2019 15:17

Instrument :

MSVOA_Y

ClientSampleId :

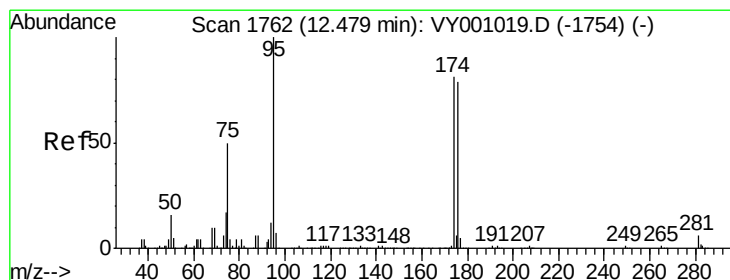
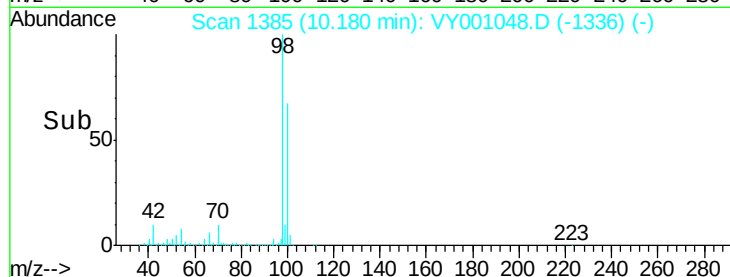
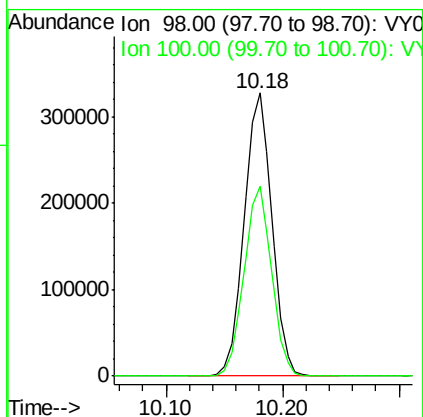
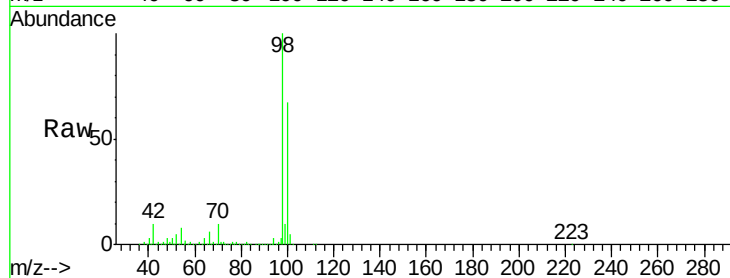
K005-AA-SB5

Tot Ion: 98 Resp: 545050

Ion Ratio Lower Upper

98 100

100 66.6 53.0 79.4



#62

4-Bromofluorobenzene

Concen: 46.407 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY001048.D

Acq: 24 Dec 2019 15:17

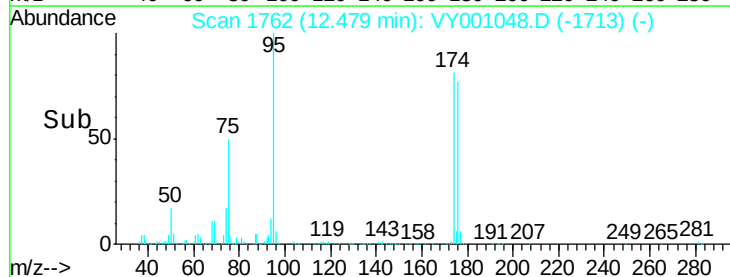
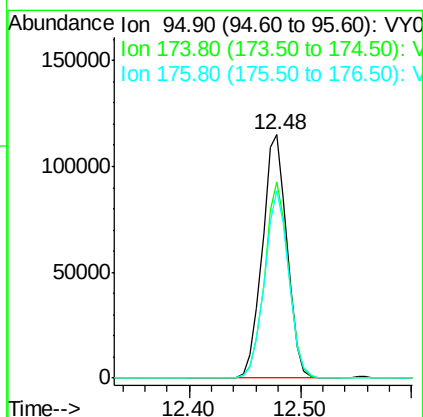
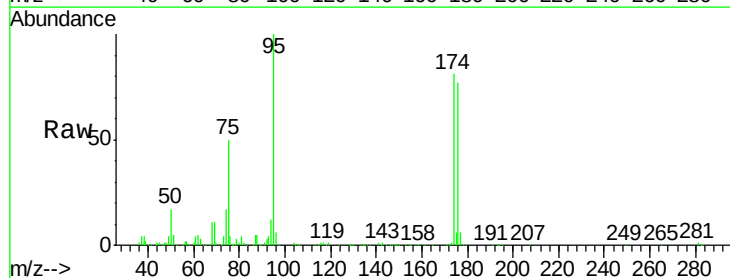
Tgt Ion: 95 Resp: 178211

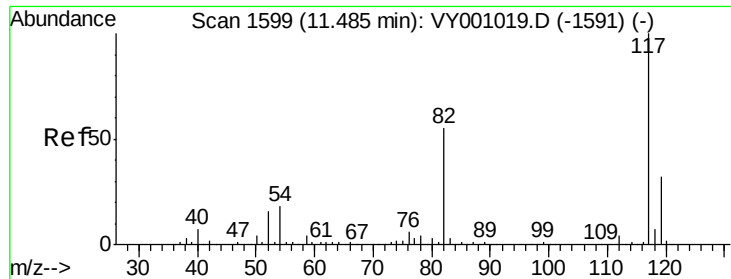
Ion Ratio Lower Upper

95 100

174 78.2 0.0 156.4

176 75.3 0.0 155.0

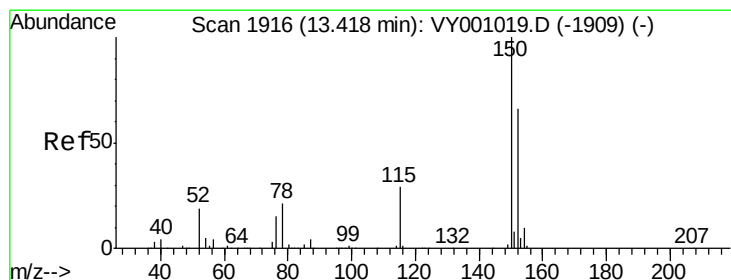
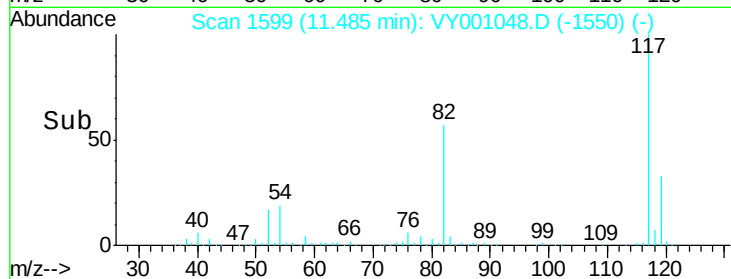
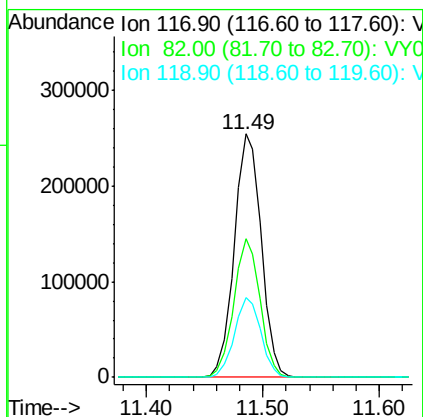
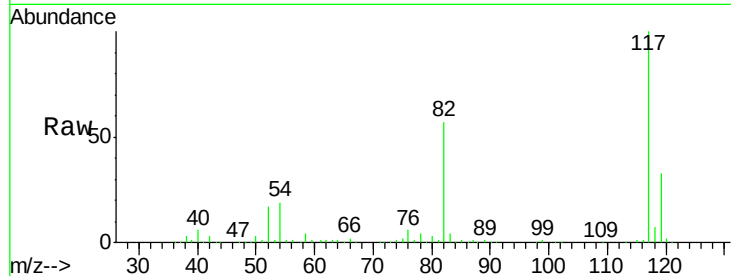




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VY001048.D
Acq: 24 Dec 2019 15:17

Instrument :
MSVOA_Y
ClientSampleId :
K005-AA-SB5

Tot Ion:117 Resp: 409930
Ion Ratio Lower Upper
117 100
82 56.9 43.8 65.8
119 33.0 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.01 min
Lab File: VY001048.D
Acq: 24 Dec 2019 15:17

Tgt Ion:152 Resp: 171634
Ion Ratio Lower Upper
152 100
115 59.6 29.8 89.3
150 161.0 0.0 352.6

