

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY022420\
 Data File : VY001770.D
 Acq On : 24 Feb 2020 16:49
 Operator : SY/MD
 Sample : L1367-05
 Misc : 8.11G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-02-022420

Quant Time: Feb 24 18:09:29 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

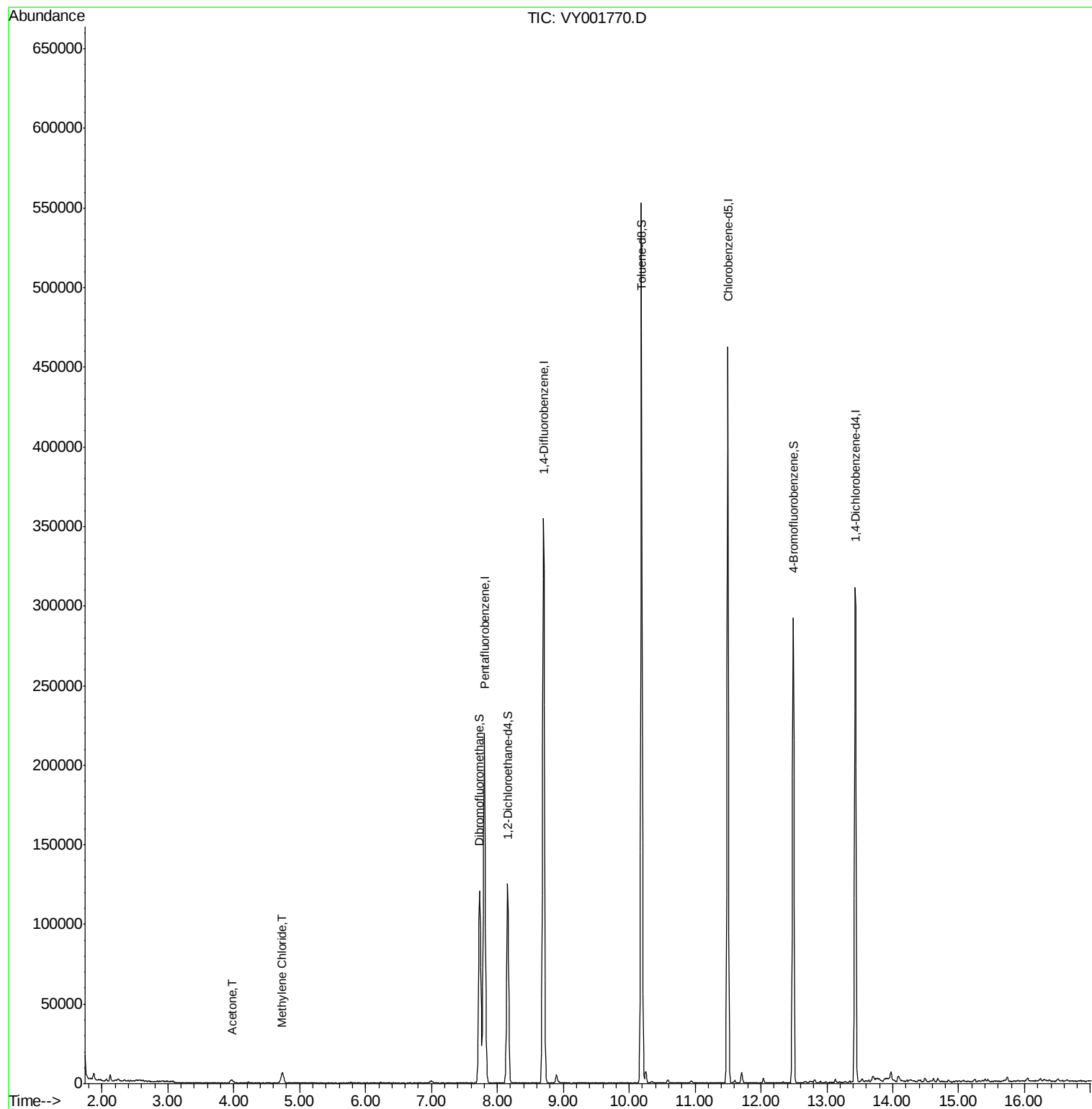
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	164313	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.70	114	298476	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.50	117	242544	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	77284	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	90676	51.30	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	102.60%	
35) Dibromofluoromethane	7.73	113	86340	50.50	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	101.00%	
50) Toluene-d8	10.19	98	352577	52.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.28%	
62) 4-Bromofluorobenzene	12.49	95	97766	37.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.14%	
Target Compounds						
16) Acetone	3.97	43	4310	7.048	ug/l	89
20) Methylene Chloride	4.73	84	4890	2.251	ug/l	93

(#) = 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# 995

Delta R.T. -0.01 min

Lab File: VY001770.D

Acq: 24 Feb 2020 16:49

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MSVOA_Y

ClientSampleId :

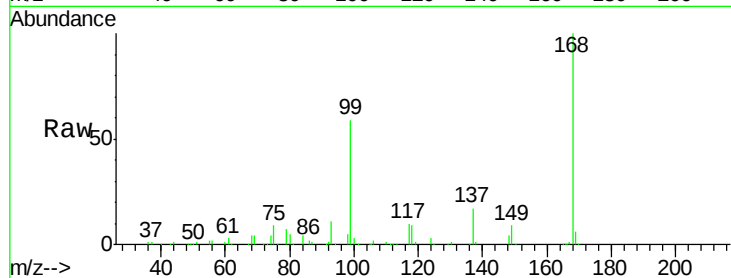
OK-02-022420

Tot Ion:168 Resp: 164313

Ion Ratio Lower Upper

168 100

99 59.3 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001638.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY001638.D (-987) (-)

7.80

80000

60000

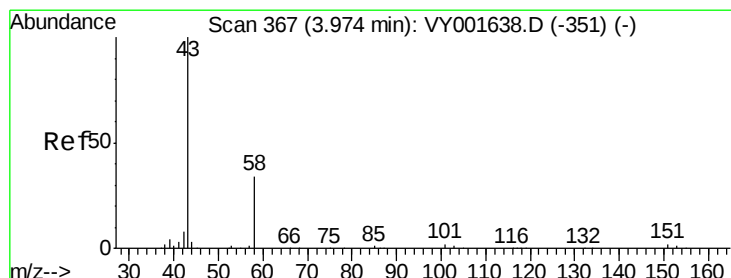
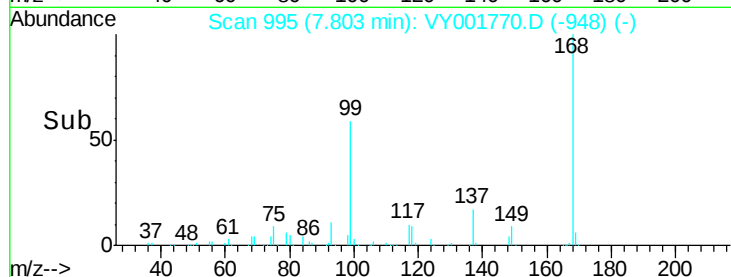
40000

20000

0

7.70 7.80 7.90

Time-->



#16

Acetone

Concen: 7.048 ug/l

RT: 3.97 min Scan# 366

Delta R.T. -0.01 min

Lab File: VY001770.D

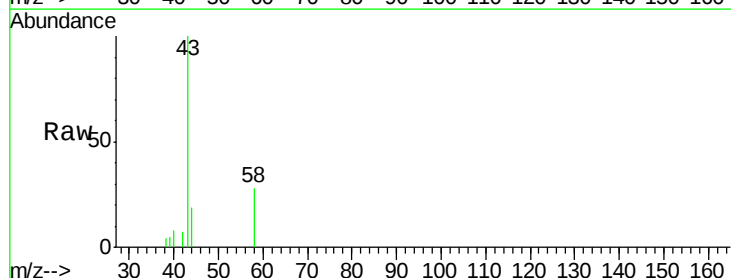
Acq: 24 Feb 2020 16:49

Tgt Ion: 43 Resp: 4310

Ion Ratio Lower Upper

43 100

58 27.7 27.3 40.9



Abundance Ion 43.00 (42.70 to 43.70): VY001638.D (-351) (-)

Ion 58.00 (57.70 to 58.70): VY001638.D (-351) (-)

3.97

1500

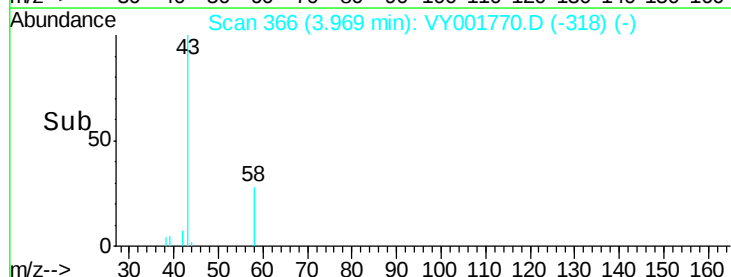
1000

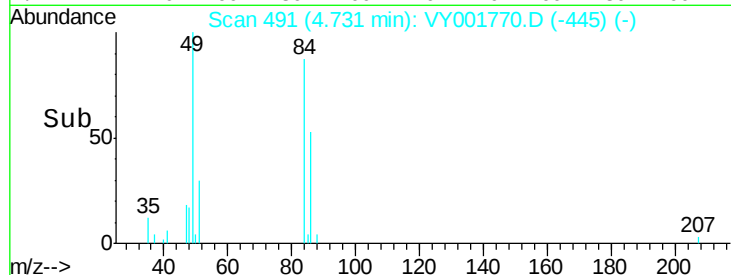
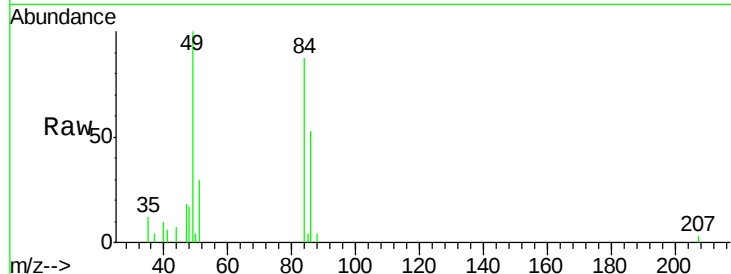
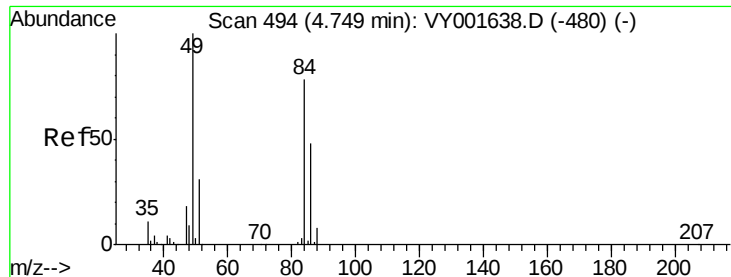
500

0

3.90 3.95 4.00 4.05

Time-->

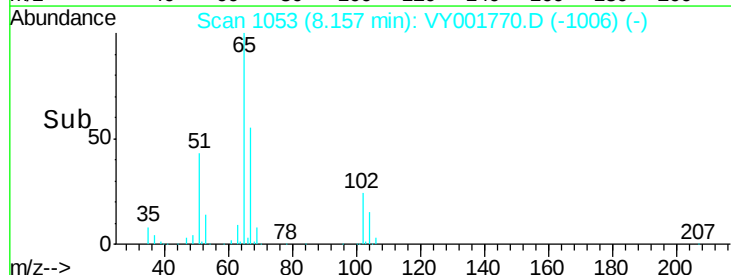
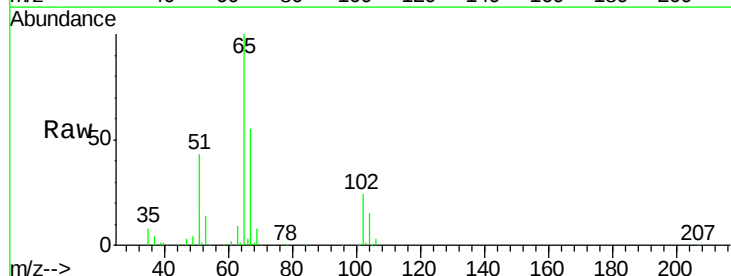
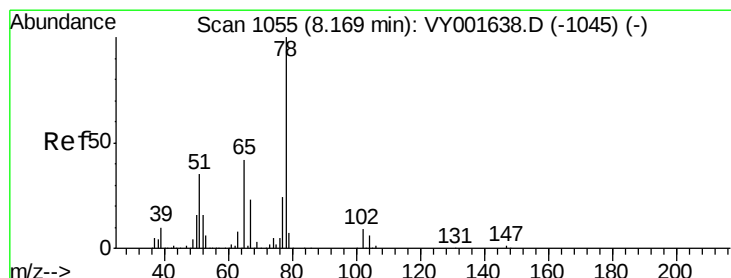
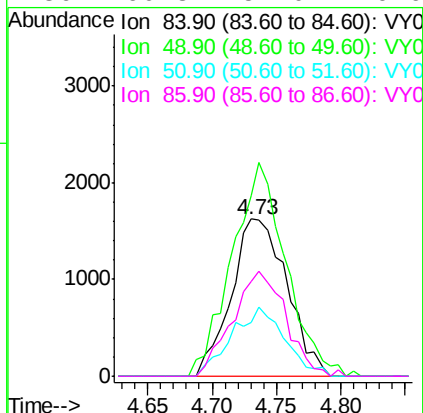




#20
Methvlene Chloride
Concen: 2.251 ug/l
RT: 4.73 min Scan# 491
Delta R.T. -0.02 min
Lab File: VY001770.D
Acq: 24 Feb 2020 16:49

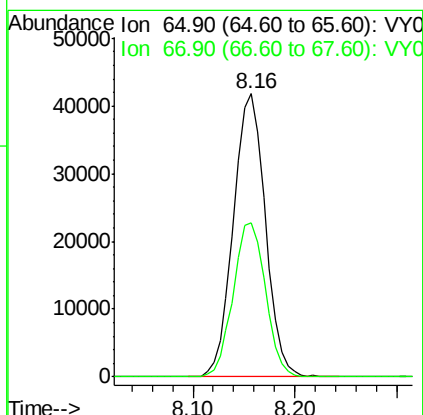
Instrument :
MSVOA_Y
ClientSampleId :
OK-02-022420

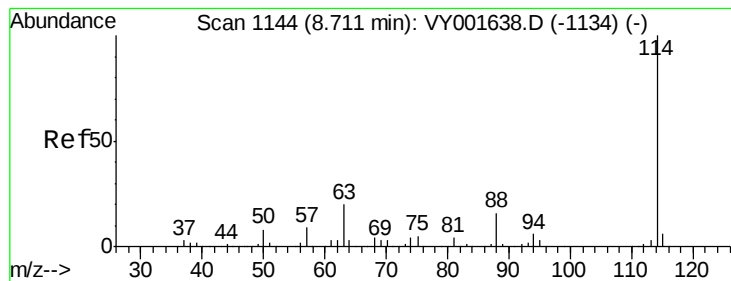
Tot Ion:	84	Resp:	4890
Ion	Ratio	Lower	Upper
84	100		
49	114.7	99.2	148.8
51	34.1	31.5	47.3
86	60.3	51.0	76.6



#33
1,2-Dichloroethane-d4
Concen: 51.304 ug/l
RT: 8.16 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VY001770.D
Acq: 24 Feb 2020 16:49

Tgt Ion:	65	Resp:	90676
Ion	Ratio	Lower	Upper
65	100		
67	55.3	0.0	111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY001770.D

Acq: 24 Feb 2020 16:49

Instrument :

MSVOA_Y

ClientSampleId :

OK-02-022420

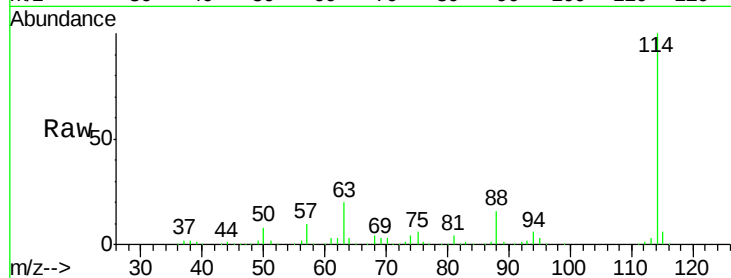
Tot Ion:114 Resp: 298476

Ion Ratio Lower Upper

114 100

63 20.0 0.0 41.4

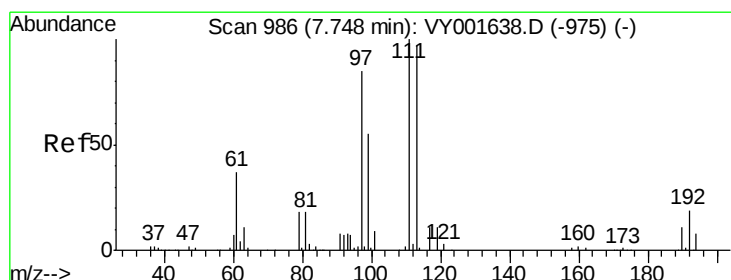
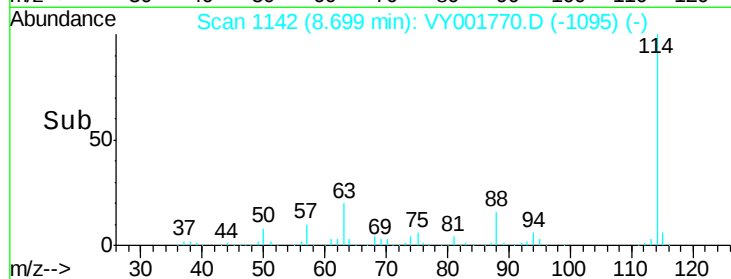
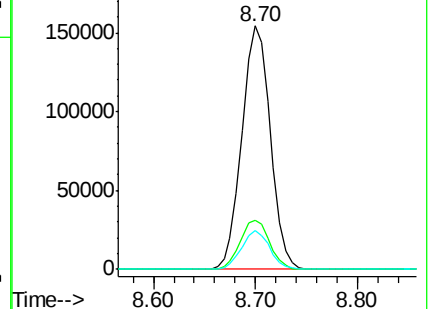
88 15.9 0.0 32.8



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: 50.505 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.02 min

Lab File: VY001770.D

Acq: 24 Feb 2020 16:49

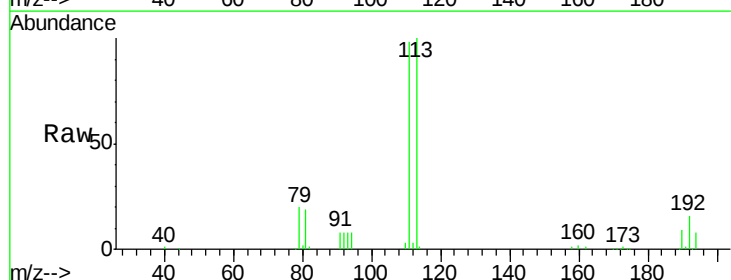
Tgt Ion:113 Resp: 86340

Ion Ratio Lower Upper

113 100

111 102.6 81.9 122.9

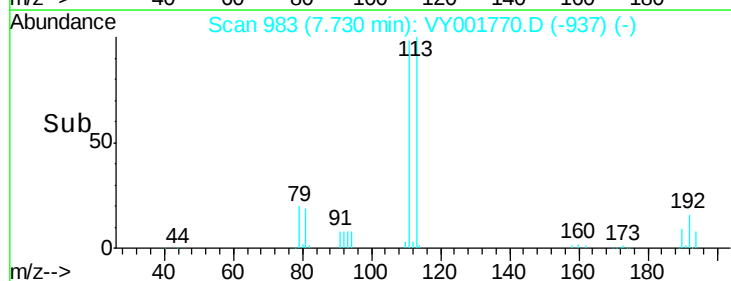
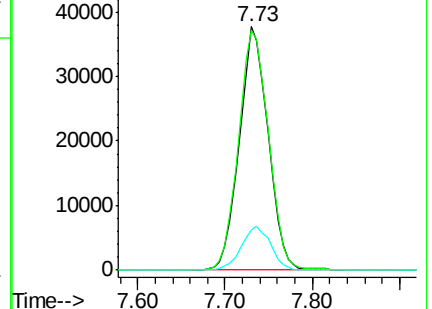
192 18.1 14.3 21.5

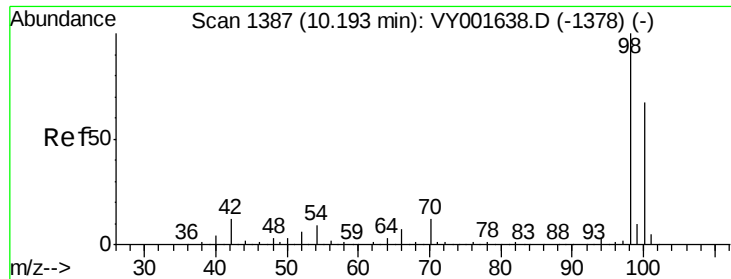


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.643 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.01 min

Lab File: VY001770.D

Acq: 24 Feb 2020 16:49

Instrument :

MSVOA_Y

ClientSampleId :

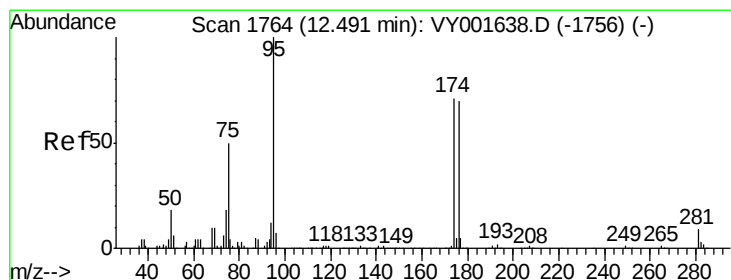
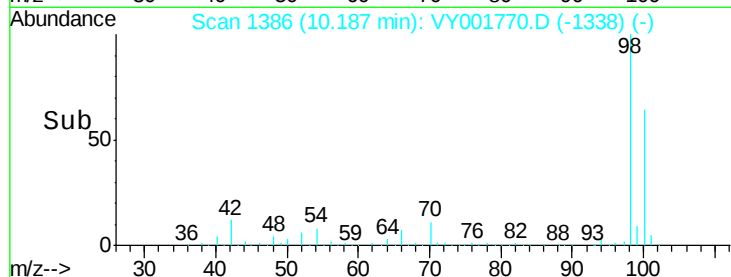
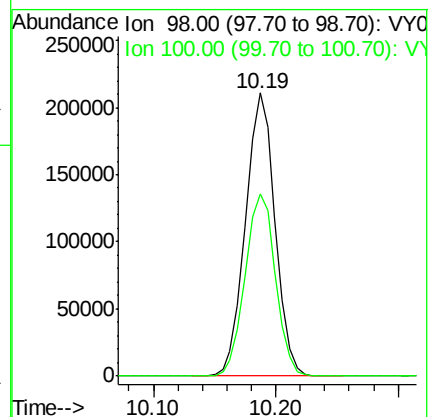
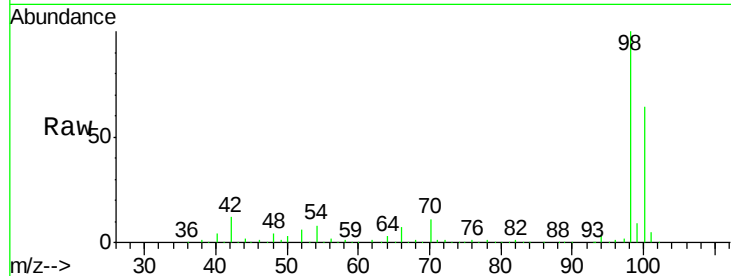
OK-02-022420

Tot Ion: 98 Resp: 352577

Ion Ratio Lower Upper

98 100

100 66.4 53.0 79.4



#62

4-Bromofluorobenzene

Concen: 37.575 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VY001770.D

Acq: 24 Feb 2020 16:49

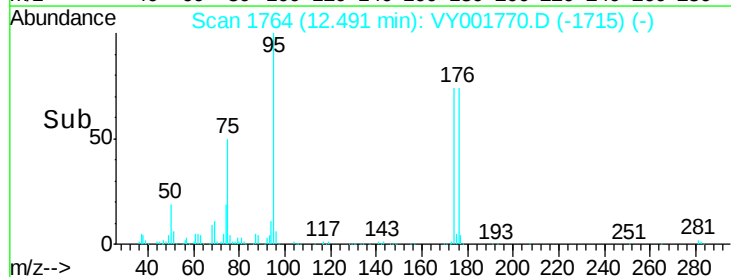
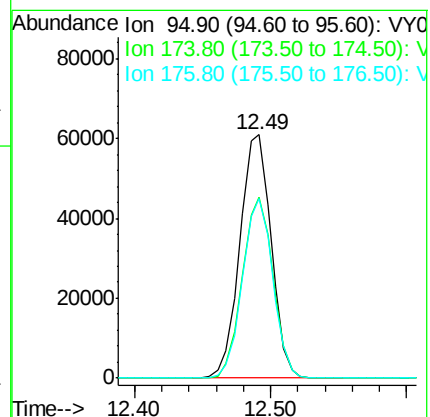
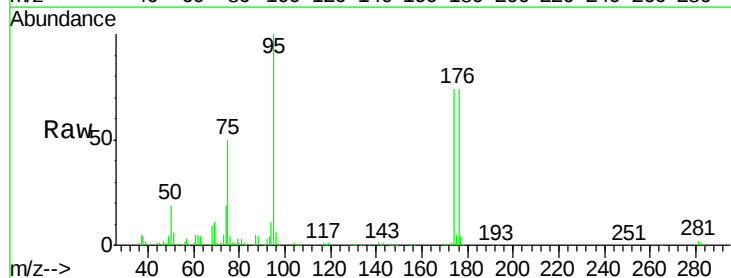
Tgt Ion: 95 Resp: 97766

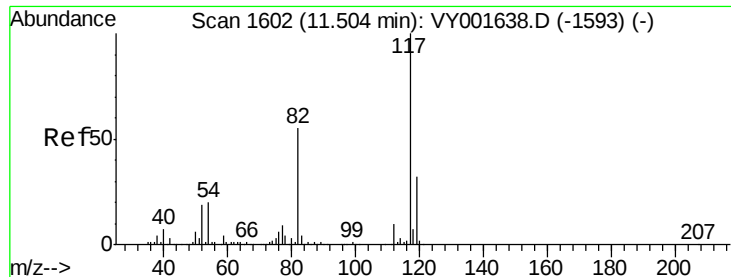
Ion Ratio Lower Upper

95 100

174 72.9 0.0 138.4

176 71.4 0.0 131.8

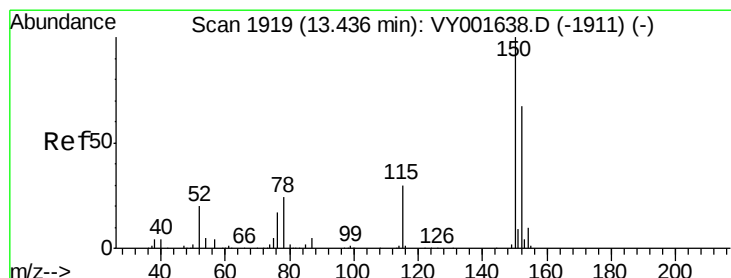
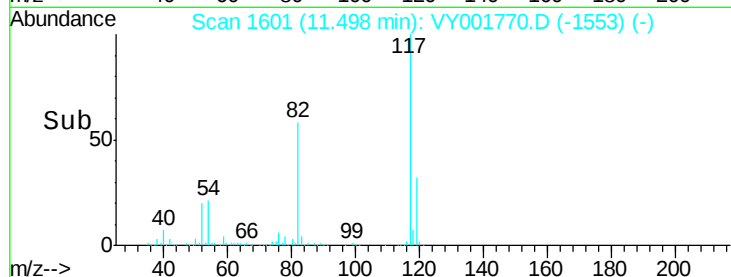
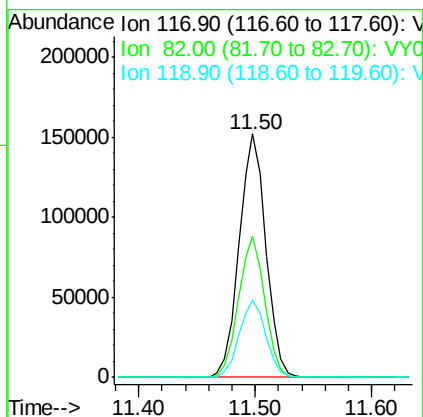
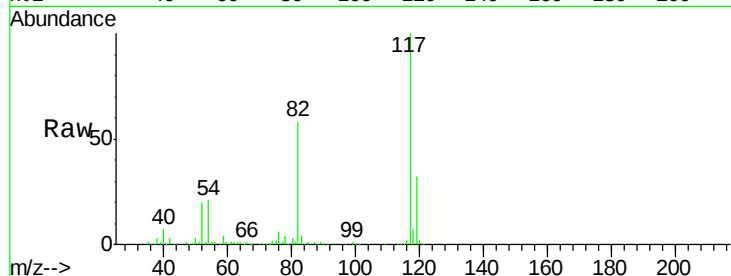




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001770.D
Acq: 24 Feb 2020 16:49

Instrument :
MSVOA_Y
ClientSampleId :
OK-02-022420

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.2	45.5	68.3
119	31.9	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: VY001770.D
Acq: 24 Feb 2020 16:49

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.9	31.4	94.2
150	157.4	0.0	407.2

