

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY063020\
 Data File : VY003040.D
 Acq On : 30 Jun 2020 17:15
 Operator : SY/MD
 Sample : L3153-37
 Misc : 6.84G/5ML/MSVOA Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP2-J

Quant Time: Jul 01 06:44:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

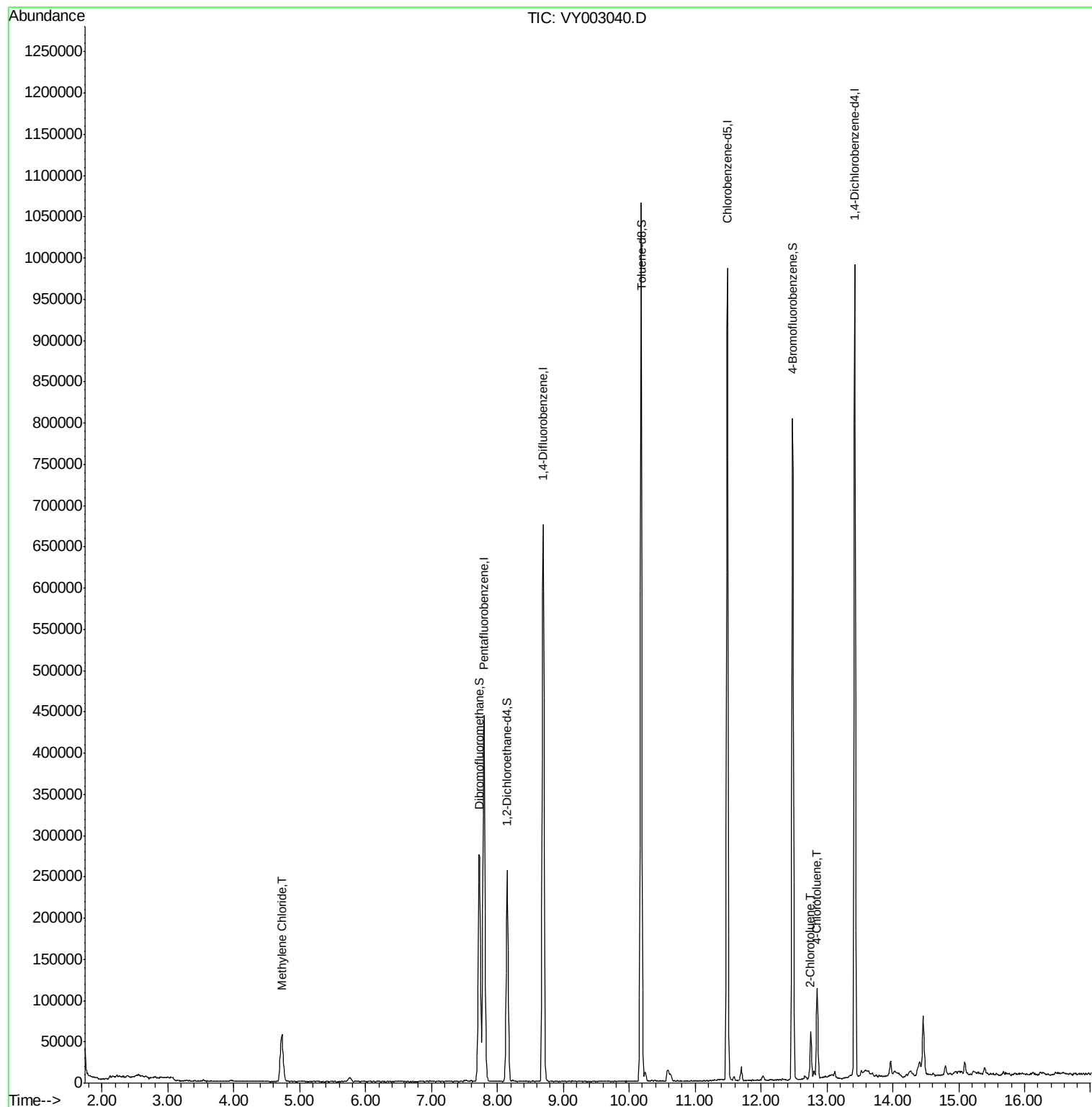
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	369602	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	591075	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	539782	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	248638	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	198032	53.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.90%	
35) Dibromofluoromethane	7.73	113	194770	52.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.64%	
50) Toluene-d8	10.18	98	695787	50.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.30%	
62) 4-Bromofluorobenzene	12.48	95	233711	48.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.66%	
Target Compounds						
20) Methylene Chloride	4.73	84	45465	5.575	ug/l	93
79) 2-Chlorotoluene	12.75	91	31067	2.844	ug/l	98
82) 4-Chlorotoluene	12.85	91	59009	5.189	ug/l	97

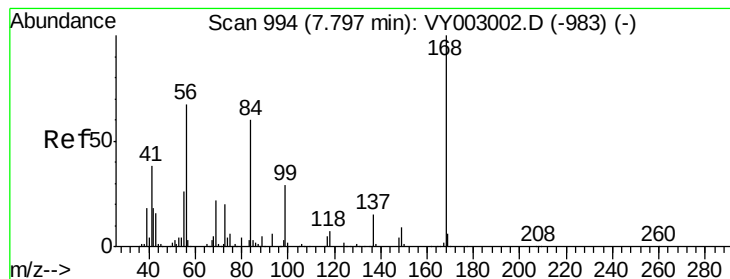
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY063020\
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Acq On : 30 Jun 2020 17:15
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003040.D

Acq: 30 Jun 2020 17:15

Instrument :

MSVOA_Y

ClientSampleId :

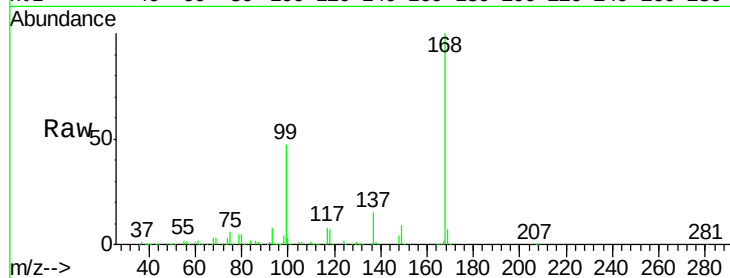
SP2-J

Tot Ion:168 Resp: 369602

Ion Ratio Lower Upper

168 100

99 47.1 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY003040.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003040.D (-945) (-)

7.80

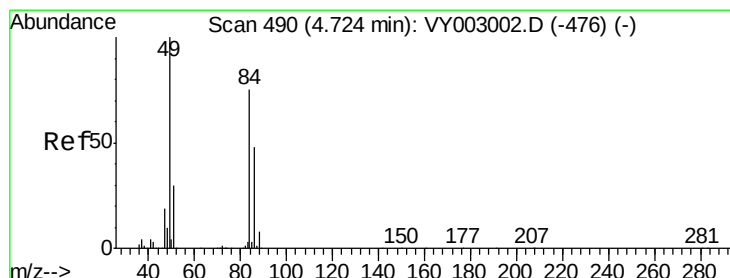
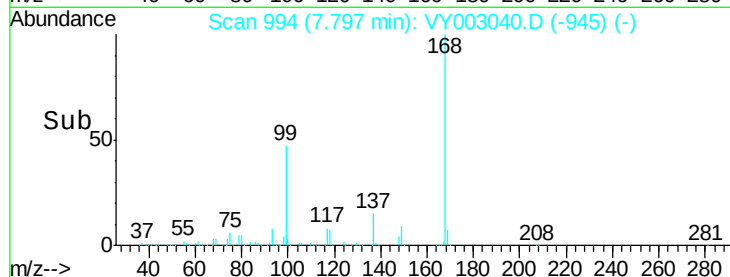
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 5.575 ug/l

RT: 4.73 min Scan# 491

Delta R.T. 0.01 min

Lab File: VY003040.D

Acq: 30 Jun 2020 17:15

Tgt Ion: 84 Resp: 45465

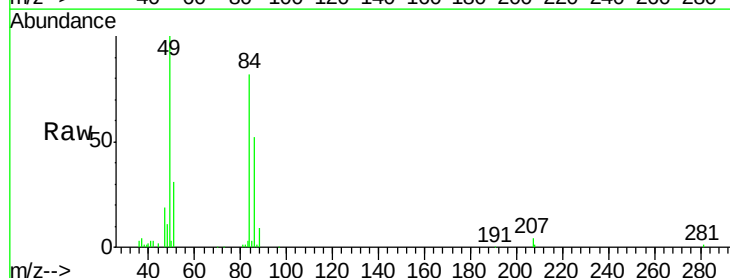
Ion Ratio Lower Upper

84 100

49 121.4 106.8 160.2

51 38.0 32.0 48.0

86 62.8 51.4 77.2



Abundance Ion 83.90 (83.60 to 84.60): VY003040.D (-441) (-)

Ion 48.90 (48.60 to 49.60): VY003040.D (-441) (-)

Ion 50.90 (50.60 to 51.60): VY003040.D (-441) (-)

Ion 85.90 (85.60 to 86.60): VY003040.D (-441) (-)

4.73

25000

20000

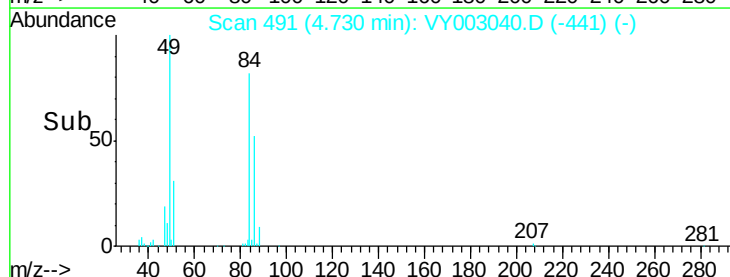
15000

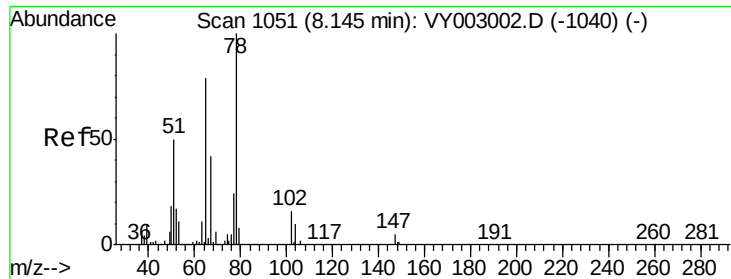
10000

5000

0

Time-->

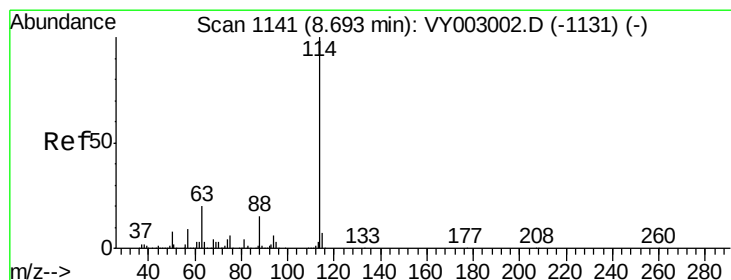
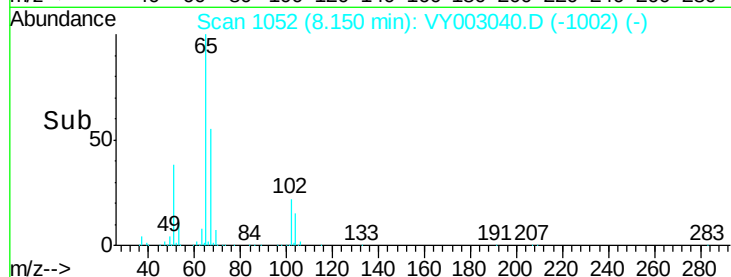
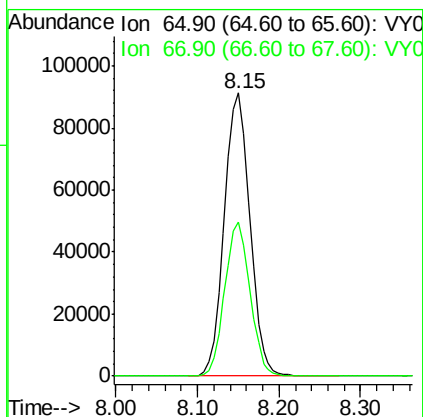
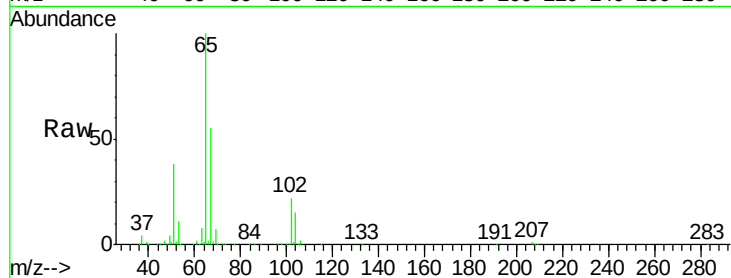




#33
 1,2-Dichloroethane-d4
 Concen: 53.947 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003040.D
 Acq: 30 Jun 2020 17:15

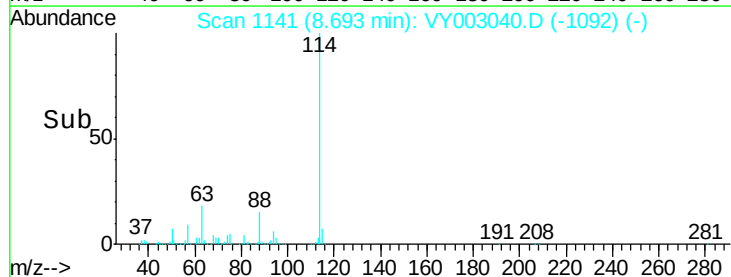
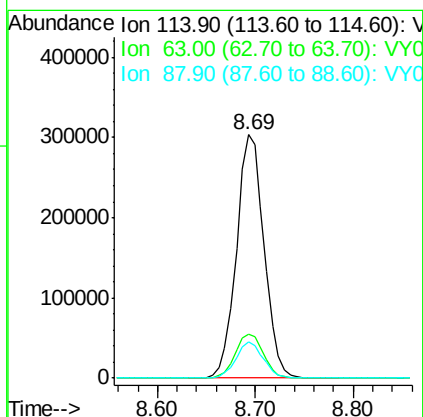
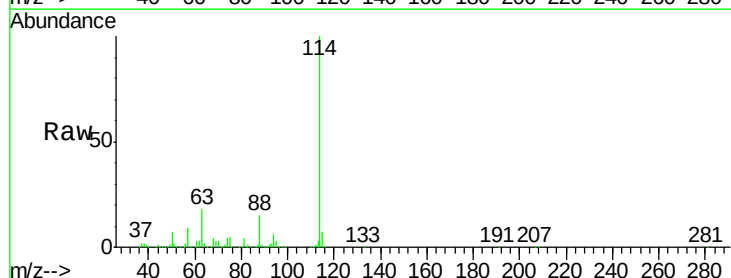
Instrument :
 MSVOA_Y
 ClientSampleId :
 SP2-J

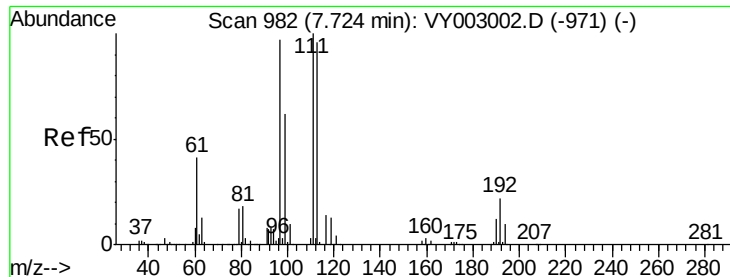
Tot Ion: 65 Resp: 198032
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003040.D
 Acq: 30 Jun 2020 17:15

Tgt Ion: 114 Resp: 591075
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 40.6
 88 14.7 0.0 30.0

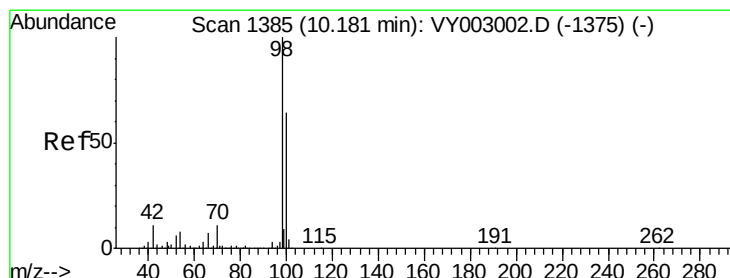
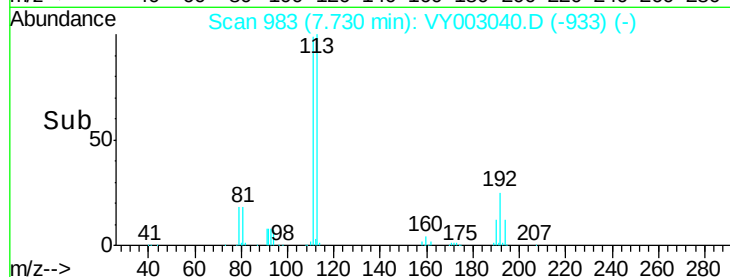
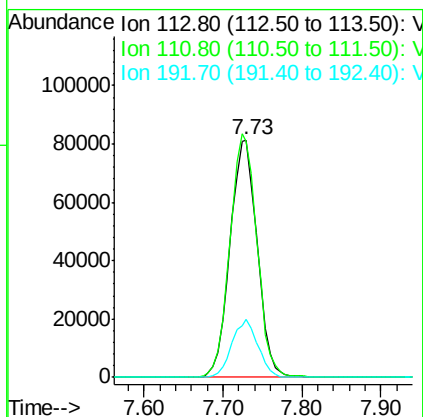
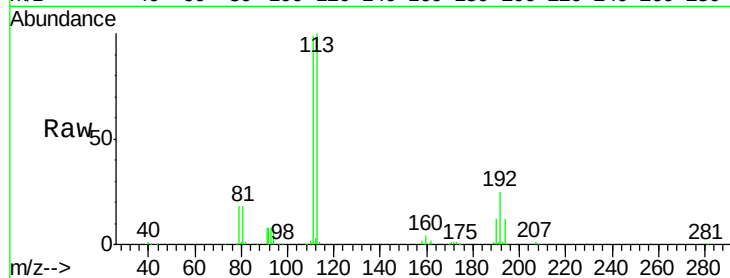




#35
Dibromofluoromethane
Concen: 52.823 ug/l
RT: 7.73 min Scan# 983
Delta R.T. 0.01 min
Lab File: VY003040.D
Acq: 30 Jun 2020 17:15

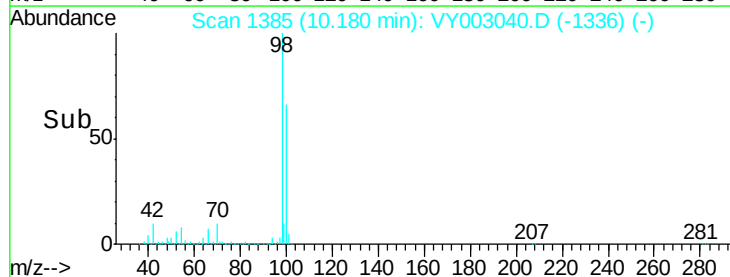
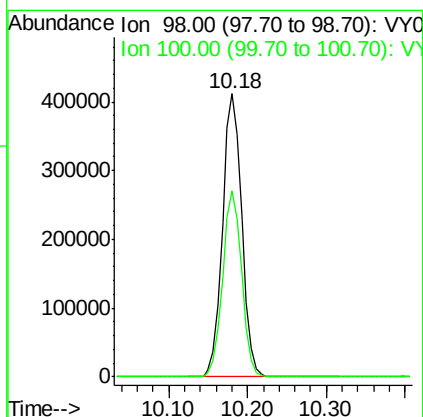
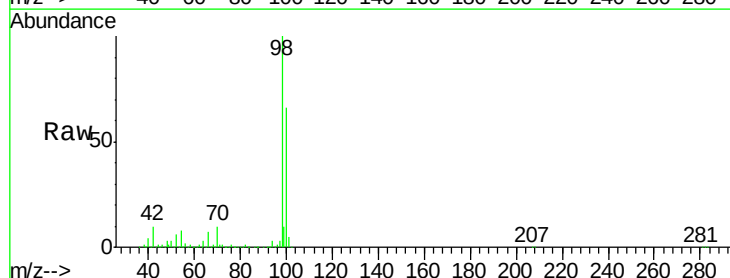
Instrument :
MSVOA_Y
ClientSampled :
SP2-J

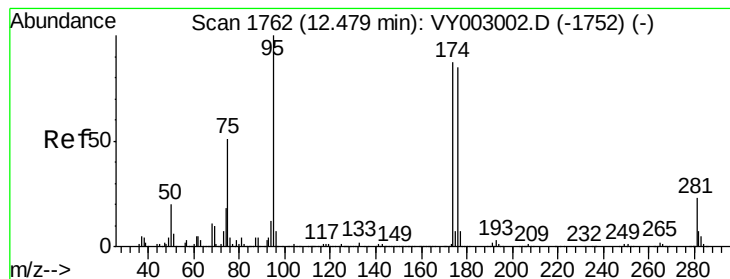
Tot Ion:113 Resp: 194770
Ion Ratio Lower Upper
113 100
111 102.3 82.6 123.8
192 23.5 18.1 27.1



#50
Toluene-d8
Concen: 50.652 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003040.D
Acq: 30 Jun 2020 17:15

Tgt Ion: 98 Resp: 695787
Ion Ratio Lower Upper
98 100
100 64.9 51.1 76.7





#62

4-Bromofluorobenzene

Concen: 48.334 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003040.D

Acq: 30 Jun 2020 17:15

Instrument :

MSVOA_Y

ClientSampleId :

SP2-J

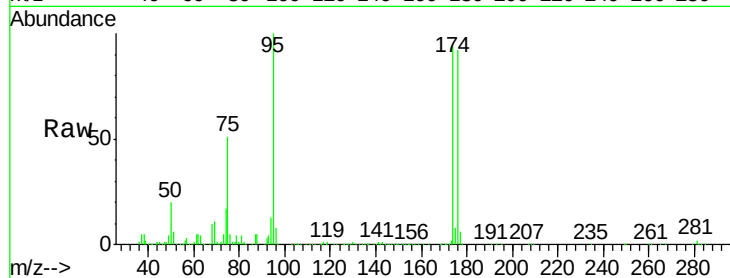
Tot Ion: 95 Resp: 233711

Ion Ratio Lower Upper

95 100

174 96.1 0.0 184.8

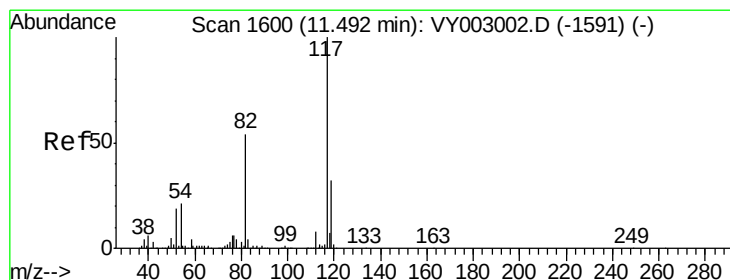
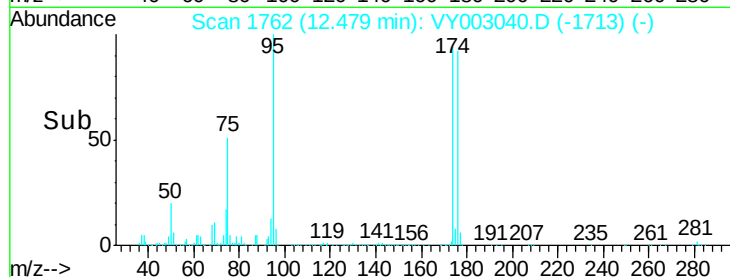
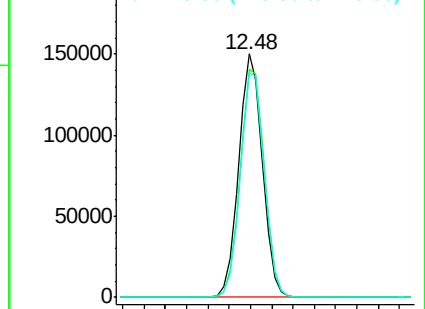
176 93.4 0.0 183.0



Abundance Ion 94.90 (94.60 to 95.60): VY003040.D (-1752) (-)

Ion 173.80 (173.50 to 174.50): VY003040.D (-1752) (-)

Ion 175.80 (175.50 to 176.50): VY003040.D (-1752) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VY003040.D

Acq: 30 Jun 2020 17:15

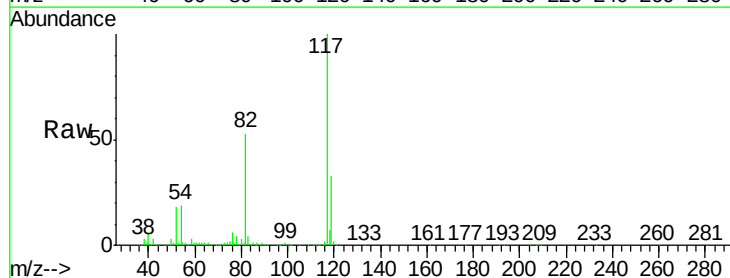
Tgt Ion: 117 Resp: 539782

Ion Ratio Lower Upper

117 100

82 52.8 43.0 64.6

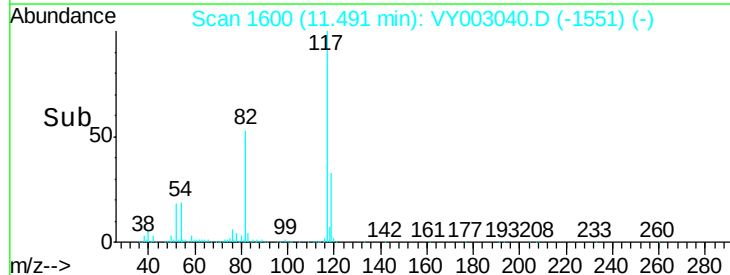
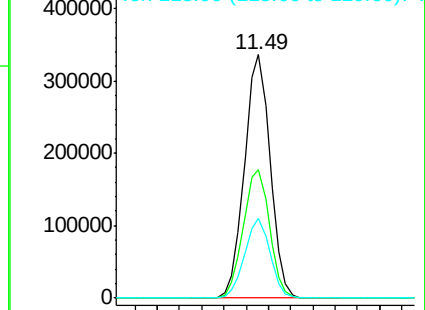
119 32.9 25.8 38.8

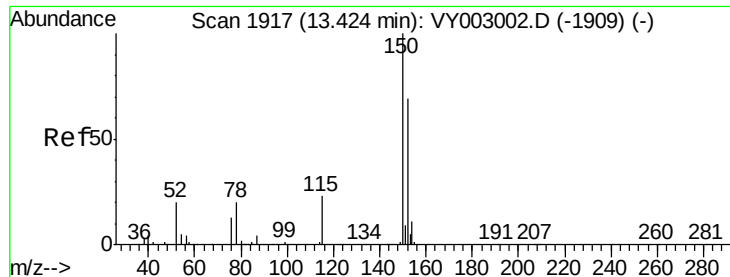


Abundance Ion 116.90 (116.60 to 117.60): VY003040.D (-1551) (-)

Ion 82.00 (81.70 to 82.70): VY003040.D (-1551) (-)

Ion 118.90 (118.60 to 119.60): VY003040.D (-1551) (-)



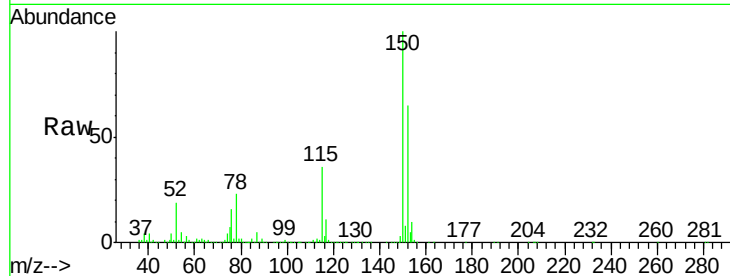


#72

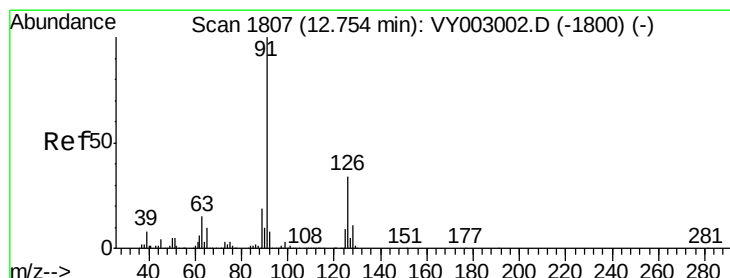
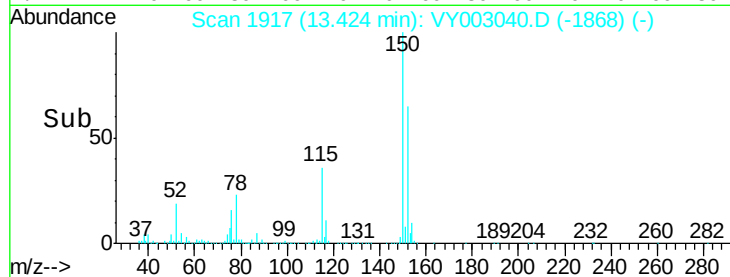
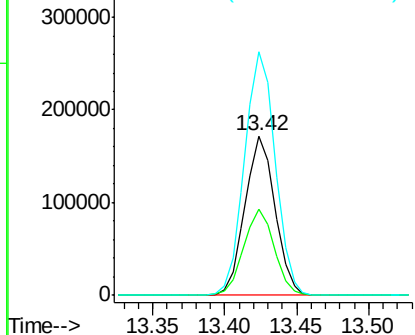
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003040.D
Acq: 30 Jun 2020 17:15

Instrument :
MSVOA_Y
ClientSampleId :
SP2-J

Tot Ion:152 Resp: 248638
Ion Ratio Lower Upper
152 100
115 55.0 27.3 81.9
150 156.5 0.0 343.4



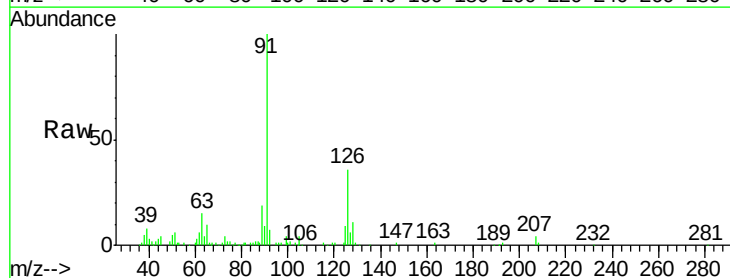
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



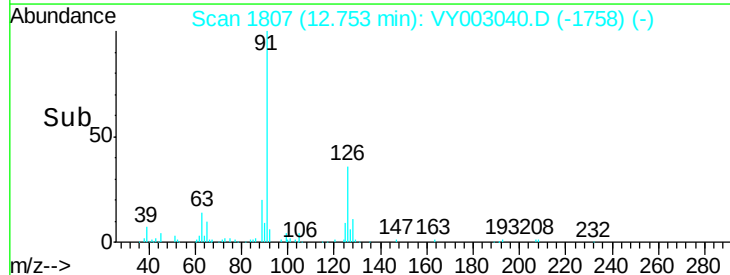
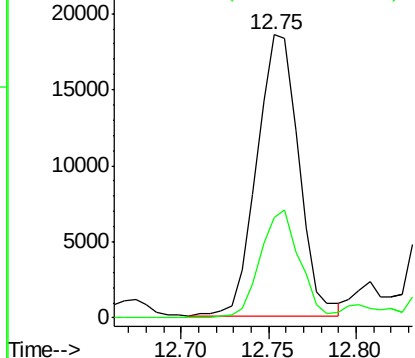
#79

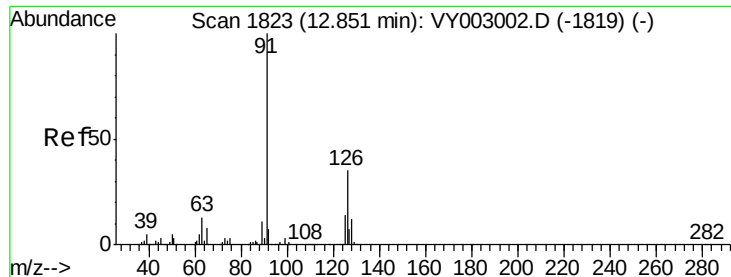
2-Chlorotoluene
Concen: 2.844 ug/l
RT: 12.75 min Scan# 1807
Delta R.T. -0.00 min
Lab File: VY003040.D
Acq: 30 Jun 2020 17:15

Tgt Ion: 91 Resp: 31067
Ion Ratio Lower Upper
91 100
126 35.5 17.1 51.3



Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 125.90 (125.60 to 126.60): V





#82

4-Chlorotoluene

Concen: 5.189 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VY003040.D

Acq: 30 Jun 2020 17:15

Instrument :

MSVOA_Y

ClientSampleId :

SP2-J

Tot Ion: 91 Resp: 59009

Ion Ratio Lower Upper

91 100

126 36.6 17.4 52.3

