

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY031020\
 Data File : VY001928.D
 Acq On : 10 Mar 2020 17:33
 Operator : SY/MD
 Sample : L1871-09
 Misc : 8.13G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-18-(1.5-2)

Quant Time: Mar 11 05:05:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

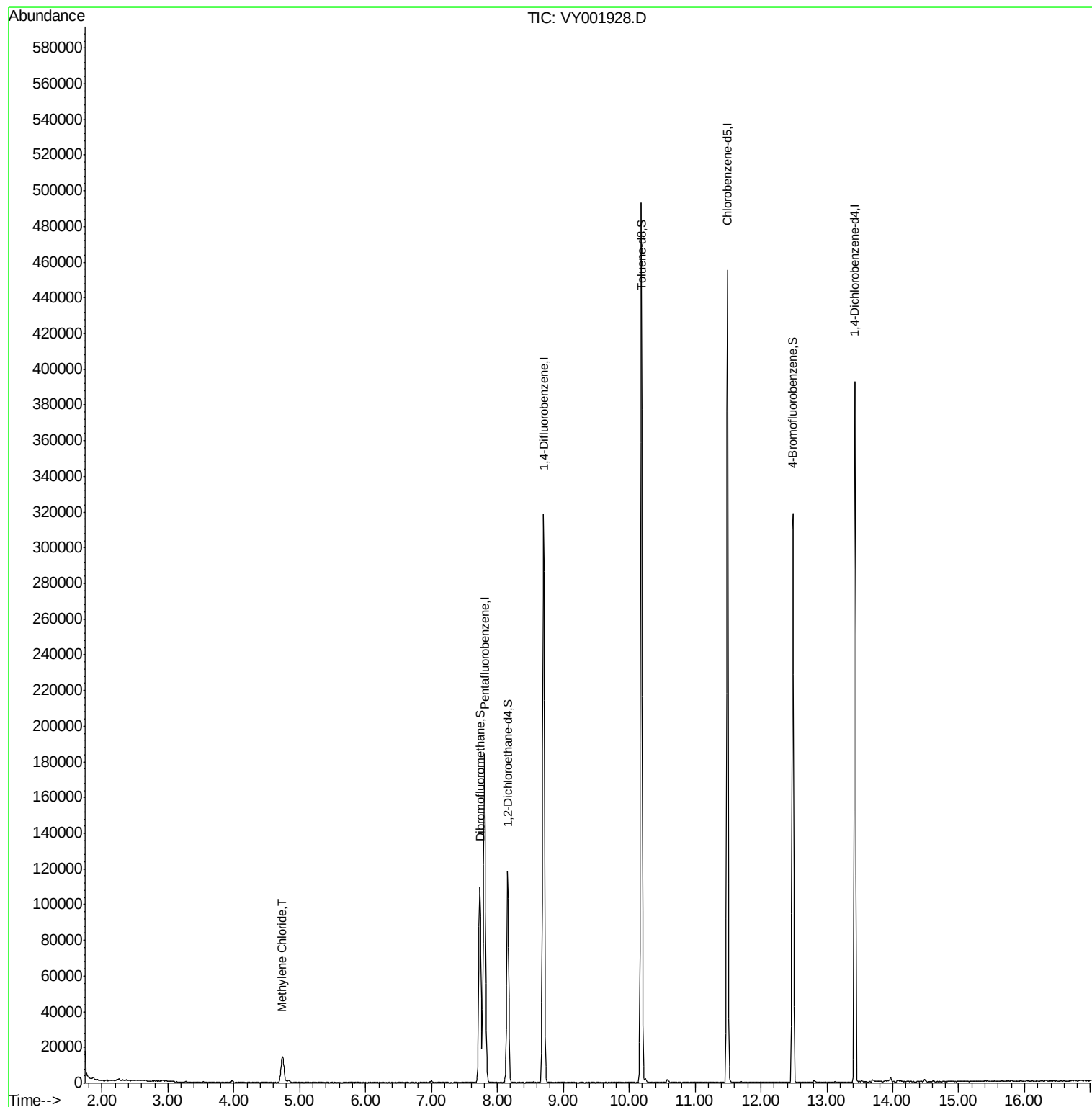
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	136495	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.70	114	266084	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	238795	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.43	152	96328	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	85187	58.46	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	116.92%	
35) Dibromofluoromethane	7.74	113	77915	53.63	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	107.26%	
50) Toluene-d8	10.19	98	326204	53.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.48%	
62) 4-Bromofluorobenzene	12.49	95	104097	48.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.72%	
Target Compounds						
20) Methylene Chloride	4.74	84	11133	6.120	ug/l	Qvalue 97

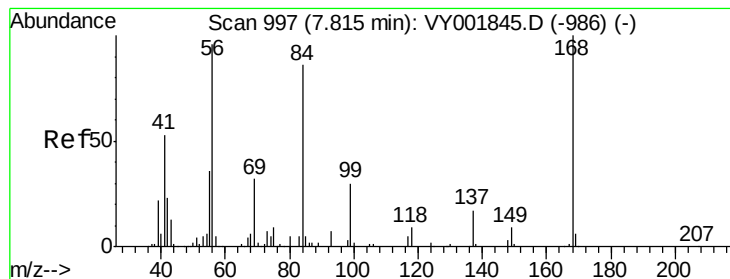
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY001928.D

Acq: 10 Mar 2020 17:33

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MSVOA_Y

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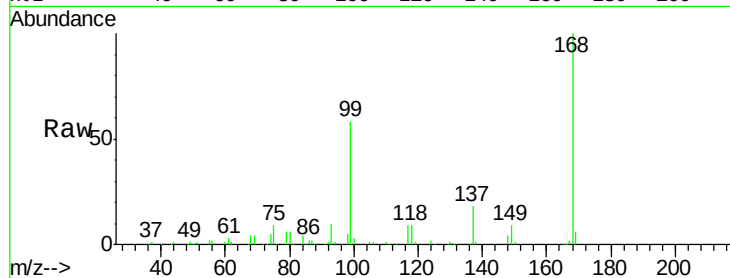
TP-18-(1.5-2)

Tot Ion:168 Resp: 136495

Ion Ratio Lower Upper

168 100

99 57.9 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001928.D (-948) (-)

Ion 98.90 (98.60 to 99.60): VY001928.D (-948) (-)

7.80

60000

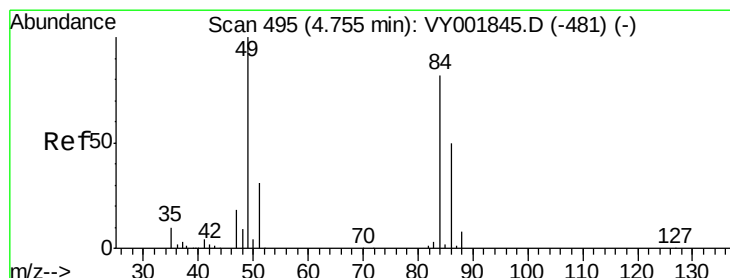
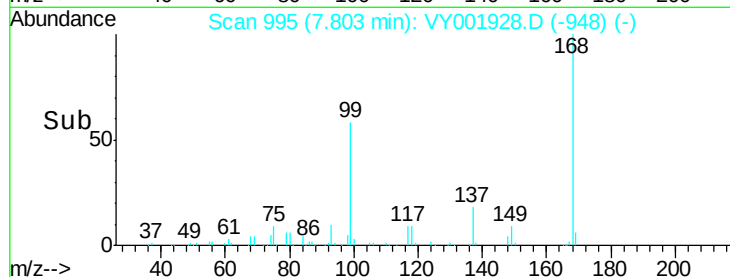
40000

20000

0

7.70 7.75 7.80 7.85 7.90

Time-->



#20

Methylene Chloride

Concen: 6.120 ug/l

RT: 4.74 min Scan# 492

Delta R.T. -0.02 min

Lab File: VY001928.D

Acq: 10 Mar 2020 17:33

Tgt Ion: 84 Resp: 11133

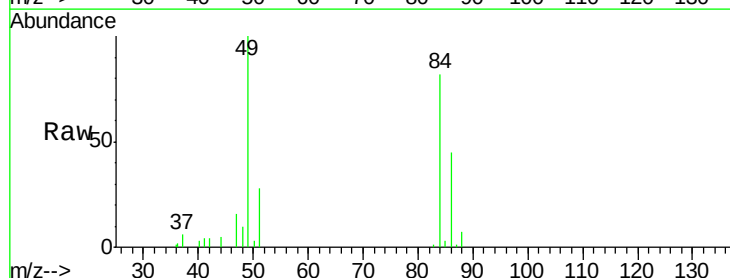
Ion Ratio Lower Upper

84 100

49 122.0 98.2 147.2

51 34.2 30.2 45.2

86 55.2 48.9 73.3



Abundance Ion 83.90 (83.60 to 84.60): VY001928.D (-446) (-)

Ion 48.90 (48.60 to 49.60): VY001928.D (-446) (-)

Ion 50.90 (50.60 to 51.60): VY001928.D (-446) (-)

Ion 85.90 (85.60 to 86.60): VY001928.D (-446) (-)

4.74

6000

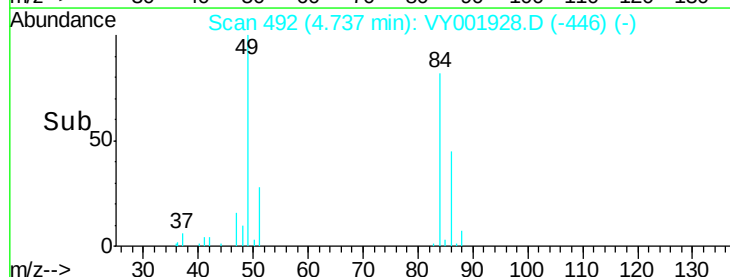
4000

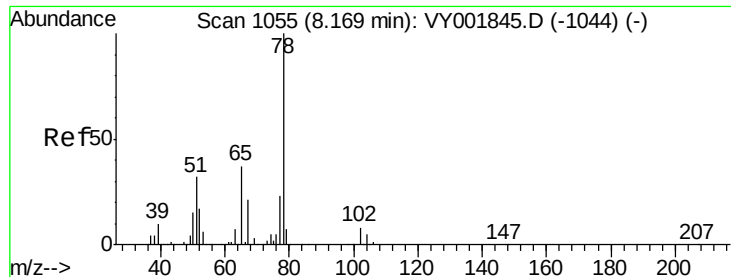
2000

0

4.60 4.70 4.80

Time-->

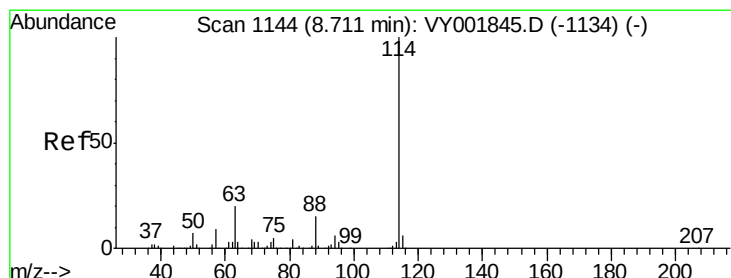
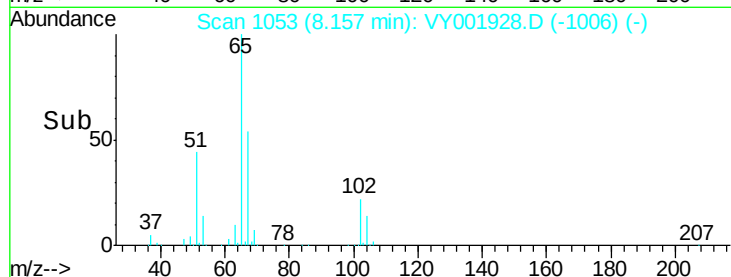
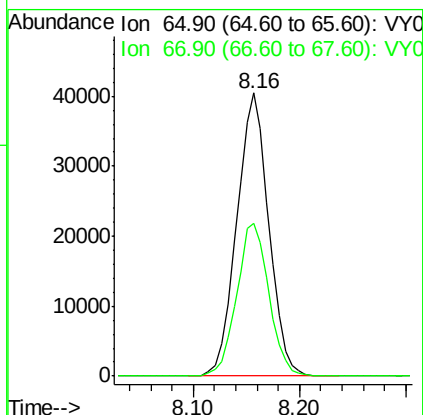
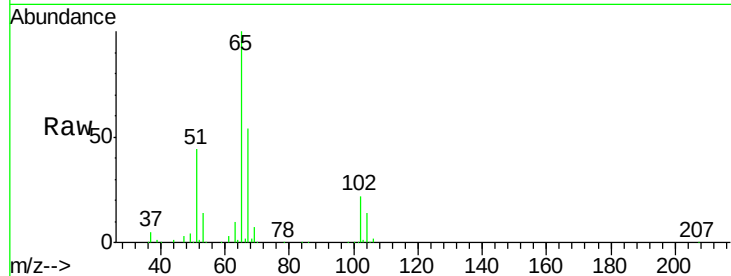




#33
 1,2-Dichloroethane-d4
 Concen: 58.460 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: VY001928.D
 Acq: 10 Mar 2020 17:33

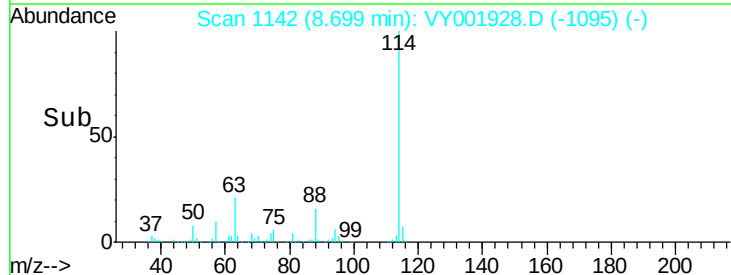
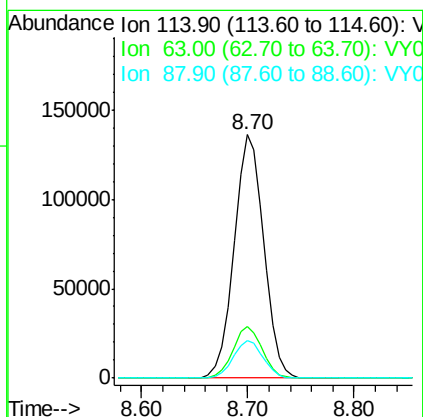
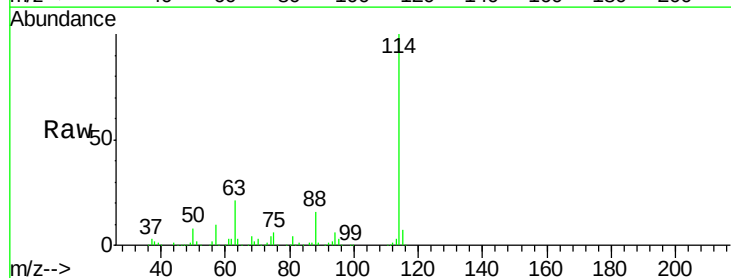
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-18-(1.5-2)

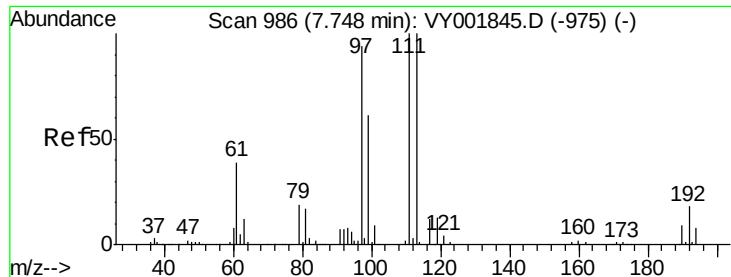
Tot Ion: 65 Resp: 85187
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 110.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY001928.D
 Acq: 10 Mar 2020 17:33

Tgt Ion: 114 Resp: 266084
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 39.4
 88 15.6 0.0 30.4

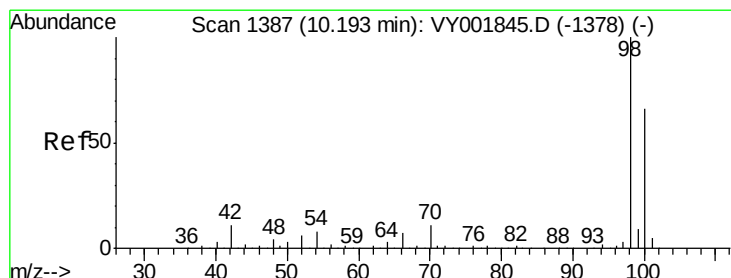
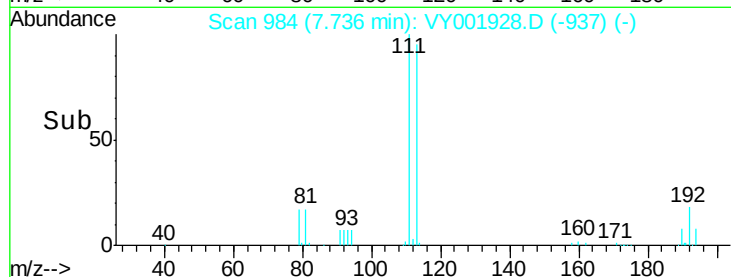
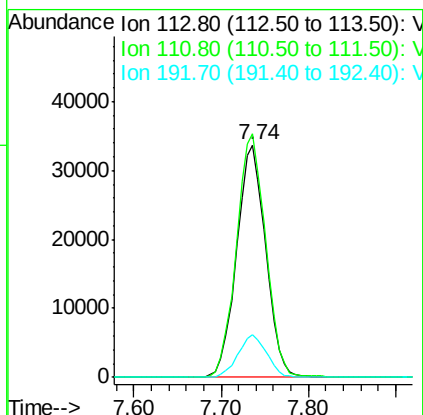
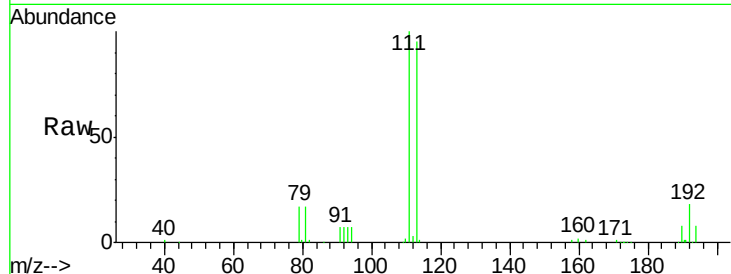




#35
Dibromofluoromethane
Concen: 53.626 ug/l
RT: 7.74 min Scan# 984
Delta R.T. -0.01 min
Lab File: VY001928.D
Acq: 10 Mar 2020 17:33

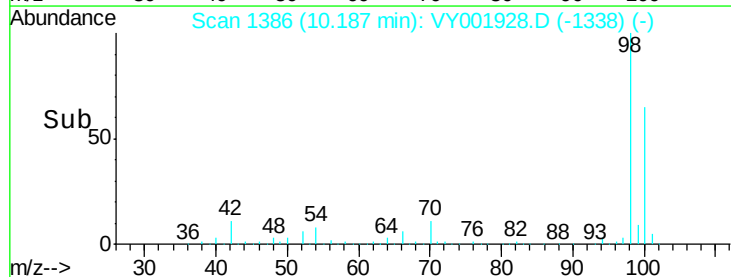
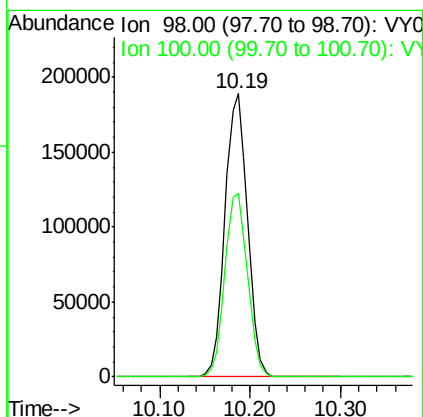
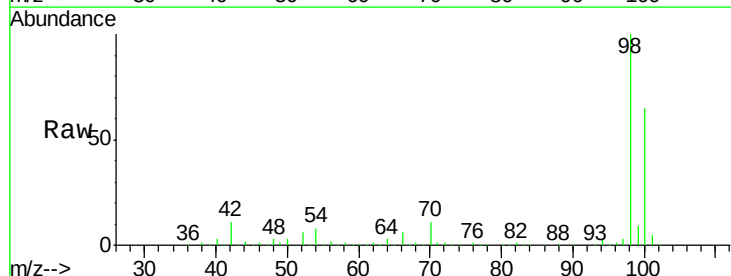
Instrument :
MSVOA_Y
ClientSampleId :
TP-18-(1.5-2)

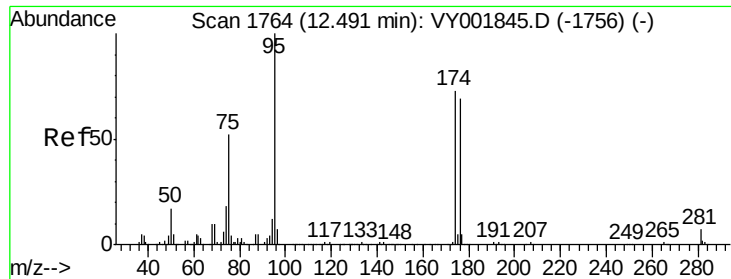
Tot Ion:113 Resp: 77915
Ion Ratio Lower Upper
113 100
111 105.4 81.8 122.8
192 18.1 14.2 21.2



#50
Toluene-d8
Concen: 53.242 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.01 min
Lab File: VY001928.D
Acq: 10 Mar 2020 17:33

Tgt Ion: 98 Resp: 326204
Ion Ratio Lower Upper
98 100
100 65.3 53.0 79.4

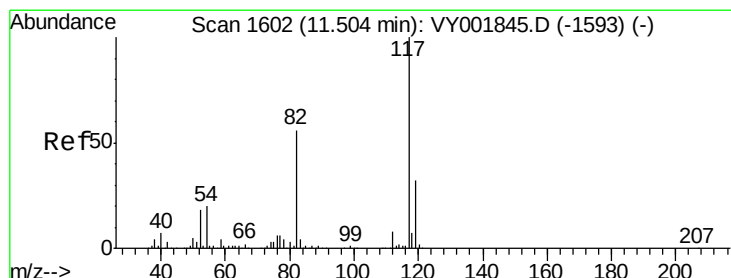
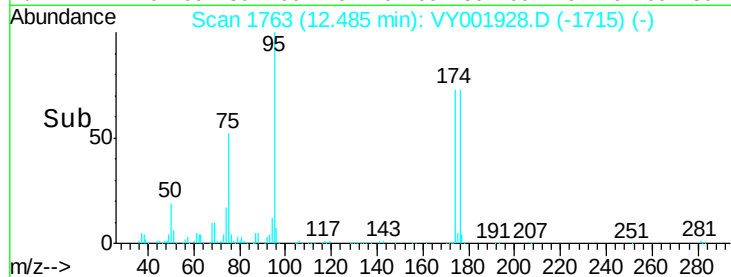
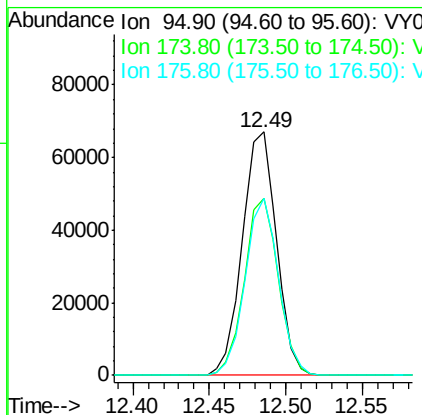
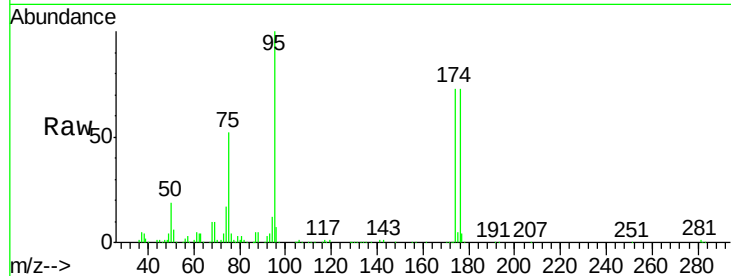




#62
4-Bromofluorobenzene
Concen: 48.864 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.01 min
Lab File: VY001928.D
Acq: 10 Mar 2020 17:33

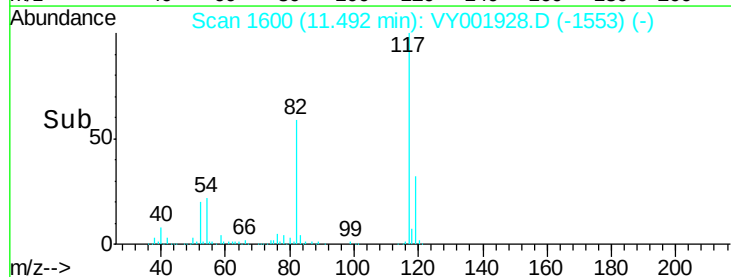
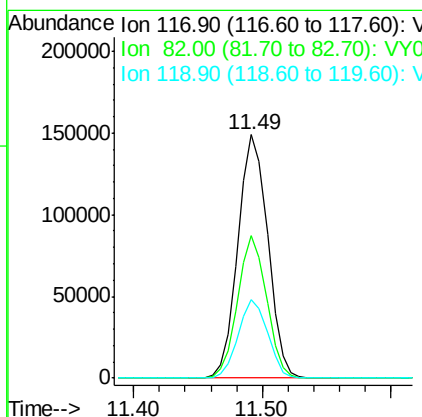
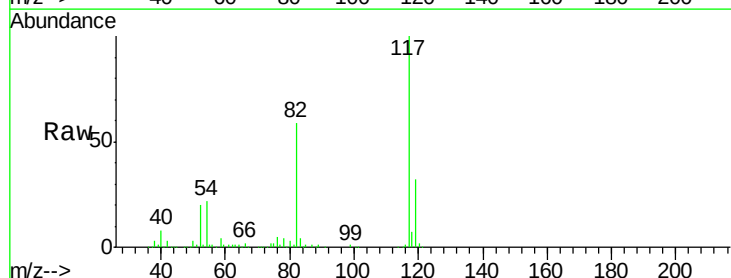
Instrument :
MSVOA_Y
ClientSampleId :
TP-18-(1.5-2)

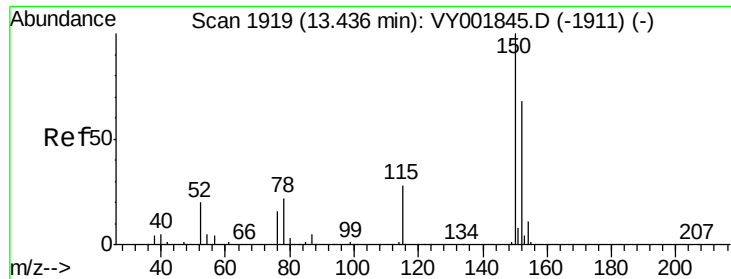
Tot Ion	95	Resp	104097
Ion Ratio	Lower	Upper	
95	100		
174	72.2	0.0	145.0
176	70.8	0.0	137.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY001928.D
Acq: 10 Mar 2020 17:33

Tgt Ion	117	Resp	238795
Ion Ratio	Lower	Upper	
117	100		
82	58.6	44.5	66.7
119	32.3	25.7	38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. -0.01 min

Lab File: VY001928.D

Acq: 10 Mar 2020 17:33

Instrument :

MSVOA_Y

ClientSampleId :

TP-18-(1.5-2)

Tot Ion:152 Resp: 96328

Ion Ratio Lower Upper

152 100

115 62.7 29.9 89.7

150 158.3 0.0 340.6

