

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY031620\
 Data File : VY001977.D
 Acq On : 16 Mar 2020 13:01
 Operator : SY/MD
 Sample : L1942-12
 Misc : 7.58G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-3(2-3)

Quant Time: Mar 17 08:31:10 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

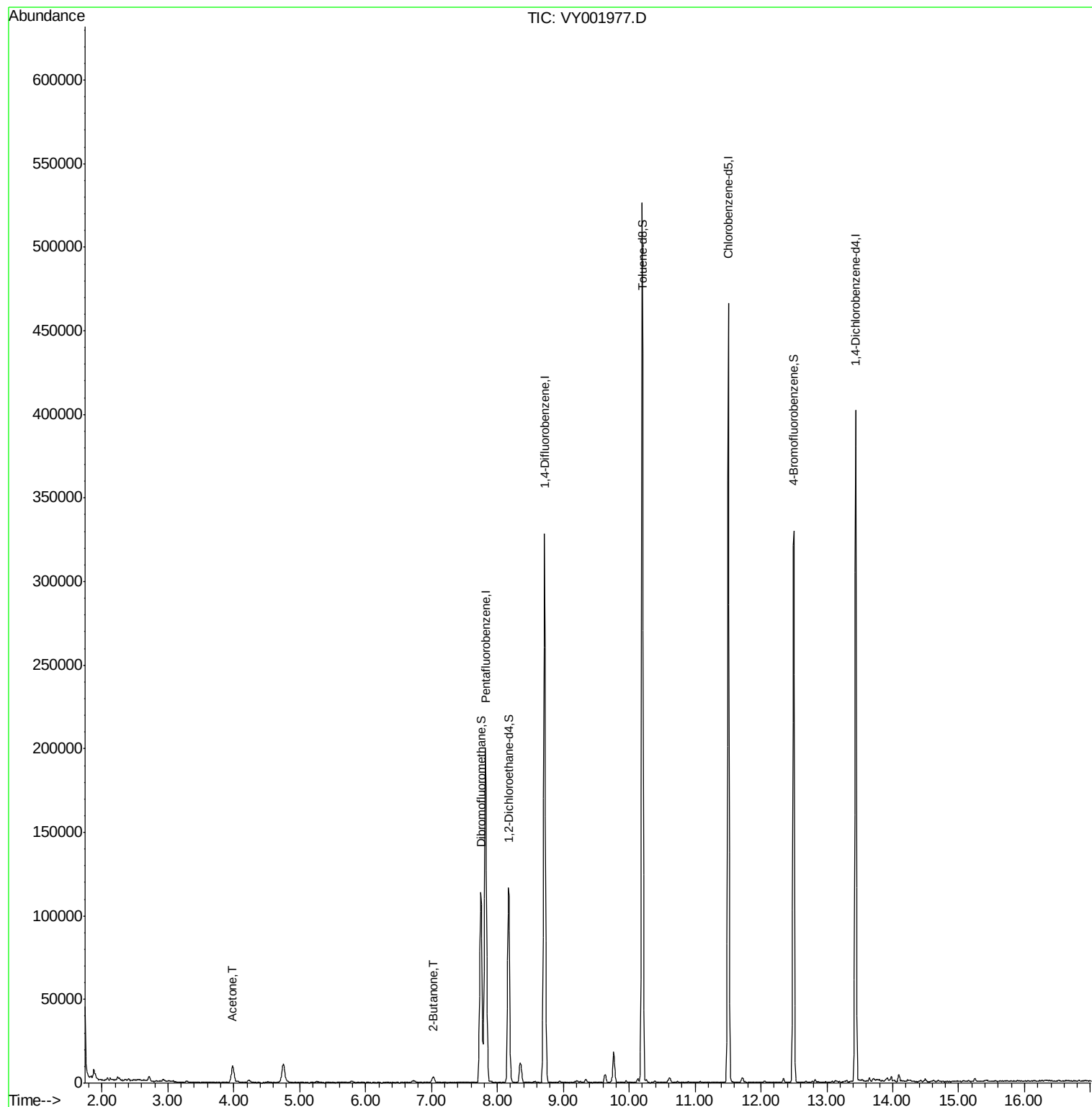
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	147464	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.72	114	282336	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	252116	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	101752	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	87940	55.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.72%	
35) Dibromofluoromethane	7.75	113	81920	53.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.28%	
50) Toluene-d8	10.20	98	342206	52.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.28%	
62) 4-Bromofluorobenzene	12.49	95	109252	48.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.66%	
Target Compounds						
16) Acetone	3.98	43	17084	37.259	ug/l	98
25) 2-Butanone	7.03	43	5419	7.772	ug/l	90

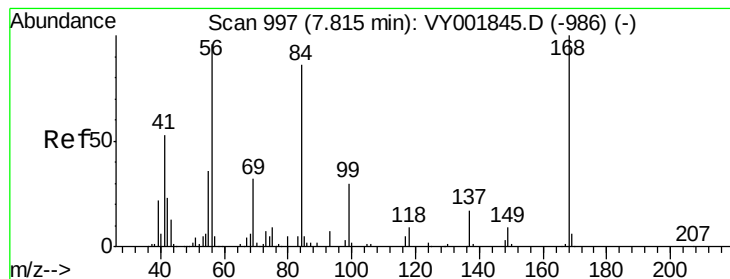
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY001977.D

Acq: 16 Mar 2020 13:01

Instrument :

MSVOA_Y

ClientSampleId :

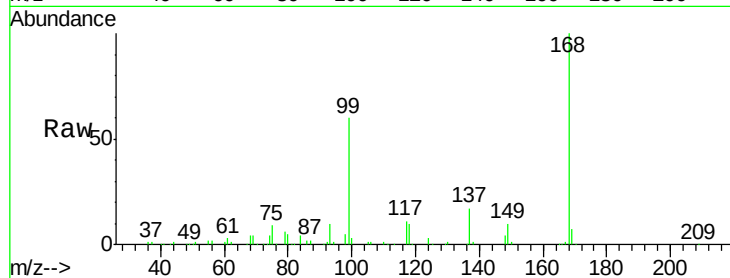
TP-3(2-3)

Tot Ion:168 Resp: 147464

Ion Ratio Lower Upper

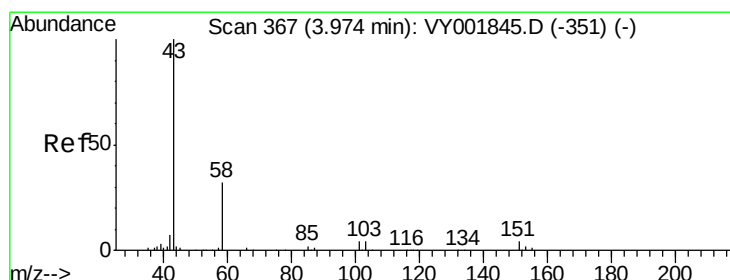
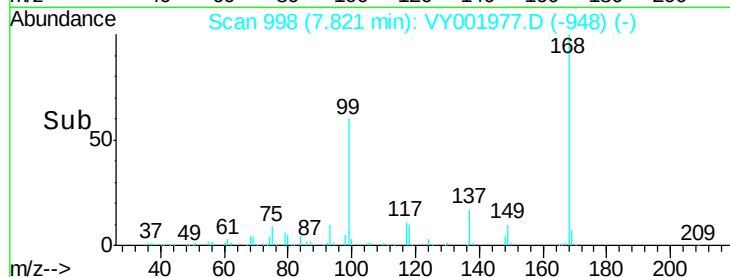
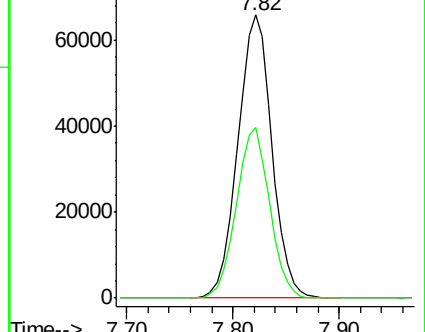
168 100

99 60.5 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001977.D (-948) (-)

Ion 98.90 (98.60 to 99.60): VY001977.D (-948) (-)



#16

Acetone

Concen: 37.259 ug/l

RT: 3.98 min Scan# 368

Delta R.T. 0.01 min

Lab File: VY001977.D

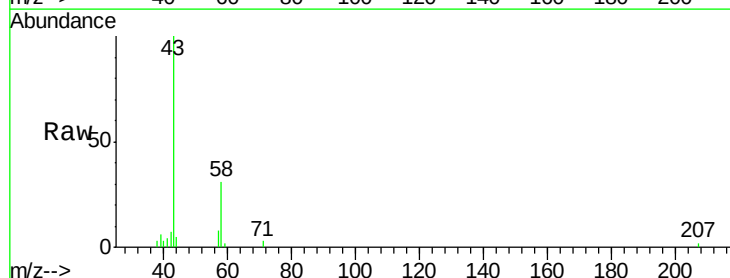
Acq: 16 Mar 2020 13:01

Tgt Ion: 43 Resp: 17084

Ion Ratio Lower Upper

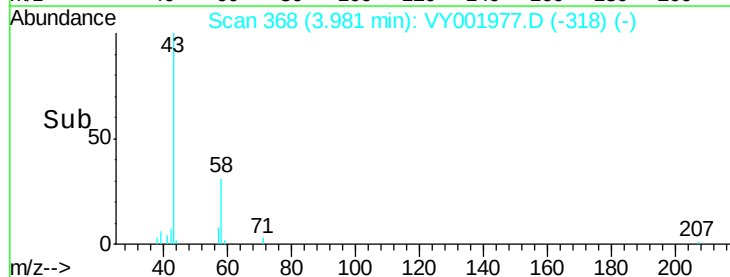
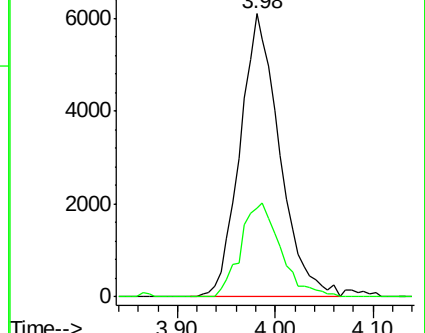
43 100

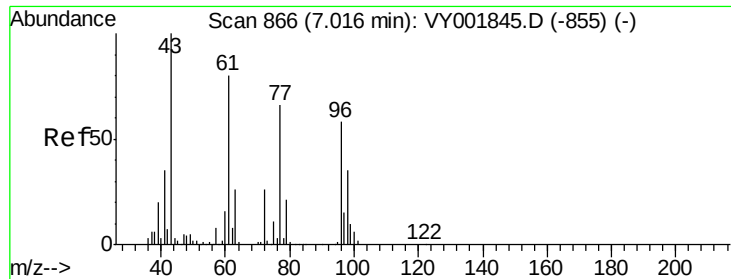
58 31.4 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VY001977.D (-318) (-)

Ion 58.00 (57.70 to 58.70): VY001977.D (-318) (-)





#25

2-Butanone

Concen: 7.772 ug/l

RT: 7.03 min Scan# 868

Delta R.T. 0.01 min

Lab File: VY001977.D

Acq: 16 Mar 2020 13:01

Instrument :

MSVOA_Y

ClientSampleId :

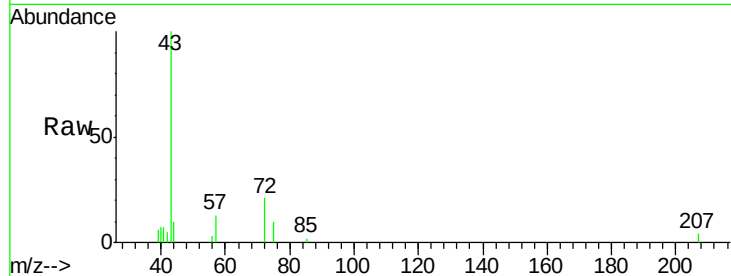
TP-3(2-3)

Tot Ion: 43 Resp: 5419

Ion Ratio Lower Upper

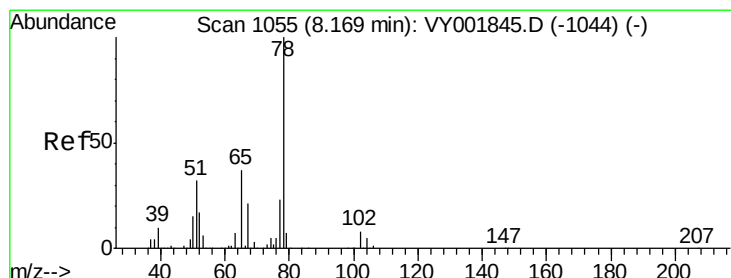
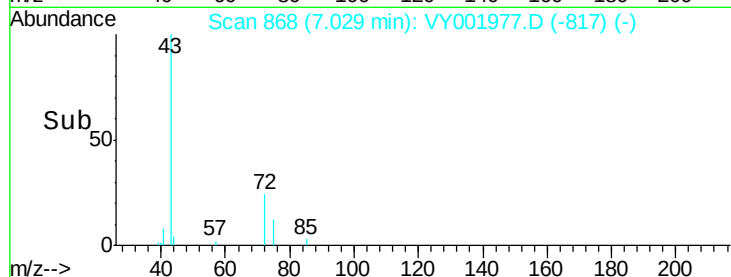
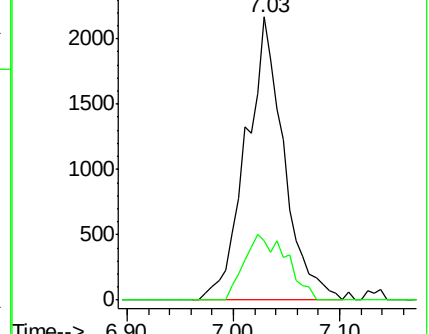
43 100

72 21.0 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#33

1,2-Dichloroethane-d4

Concen: 55.861 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.00 min

Lab File: VY001977.D

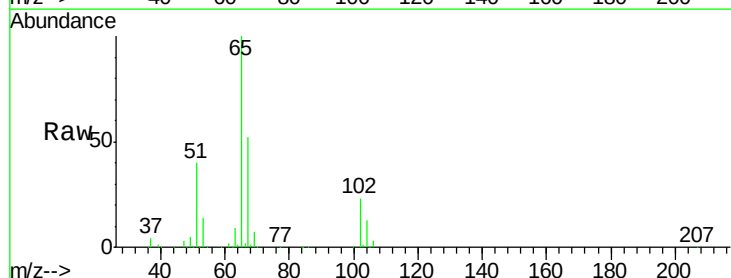
Acq: 16 Mar 2020 13:01

Tgt Ion: 65 Resp: 87940

Ion Ratio Lower Upper

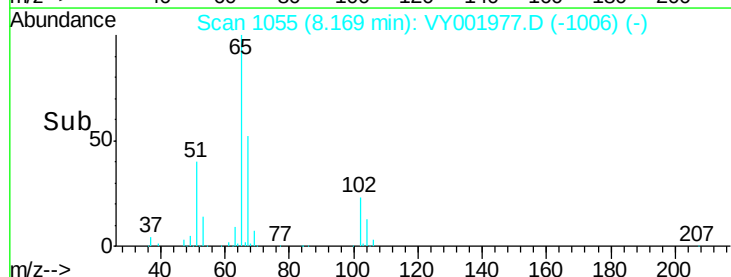
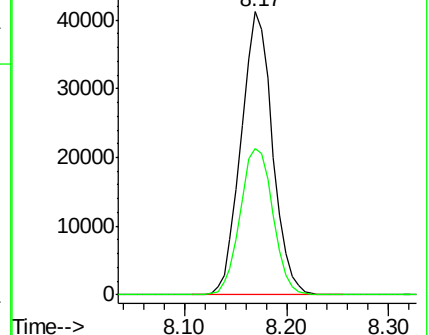
65 100

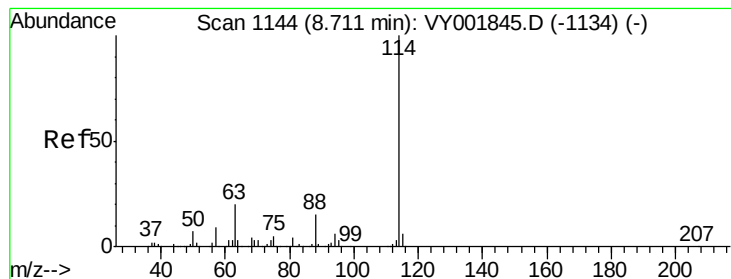
67 54.1 0.0 110.8



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.72 min Scan# 1145

Delta R.T. 0.01 min

Lab File: VY001977.D

Acq: 16 Mar 2020 13:01

Instrument :

MSVOA_Y

ClientSampleId :

TP-3(2-3)

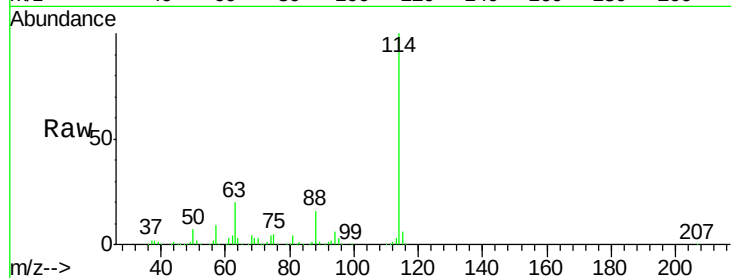
Tot Ion:114 Resp: 282336

Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.4

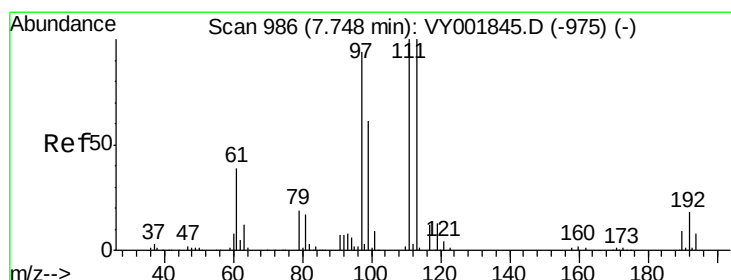
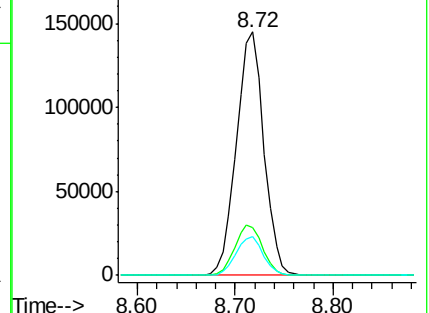
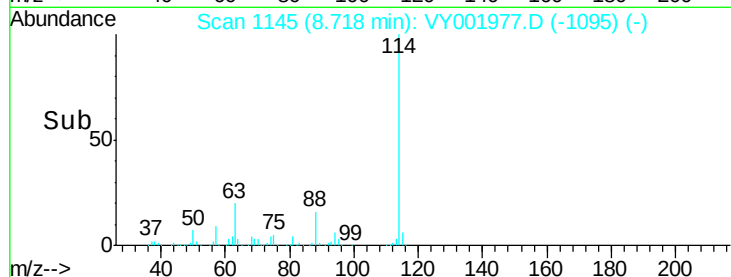
88 15.9 0.0 30.4



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: 53.137 ug/l

RT: 7.75 min Scan# 986

Delta R.T. 0.00 min

Lab File: VY001977.D

Acq: 16 Mar 2020 13:01

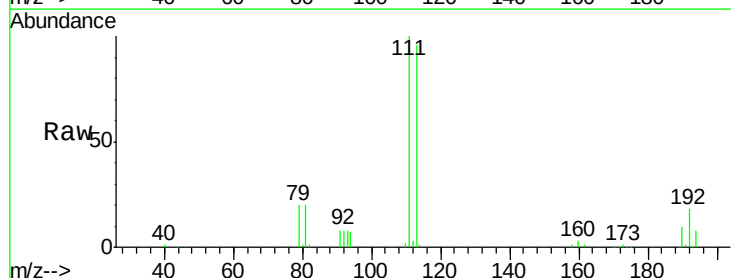
Tgt Ion:113 Resp: 81920

Ion Ratio Lower Upper

113 100

111 102.7 81.8 122.8

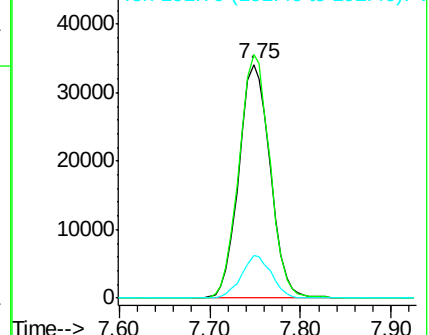
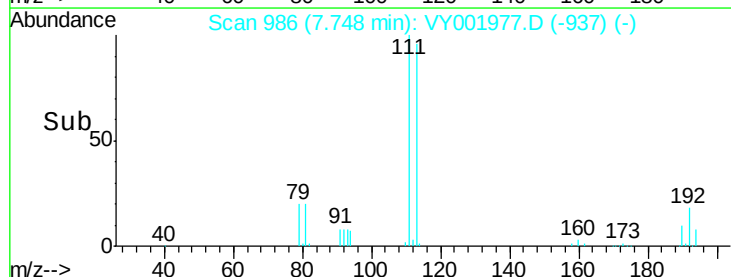
192 17.5 14.2 21.2

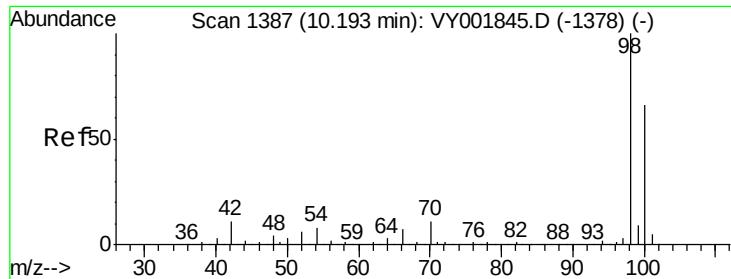


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

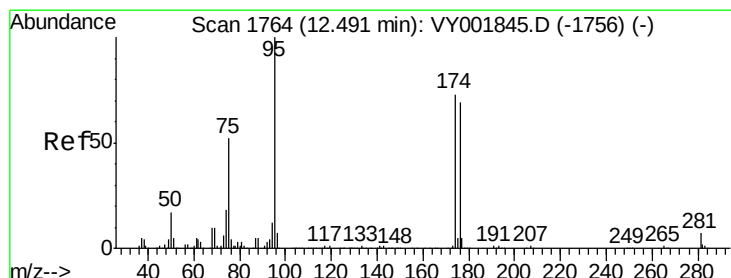
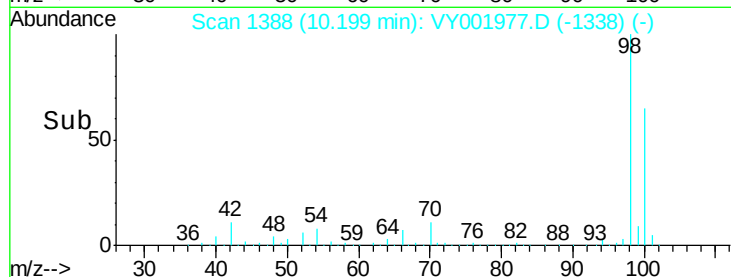
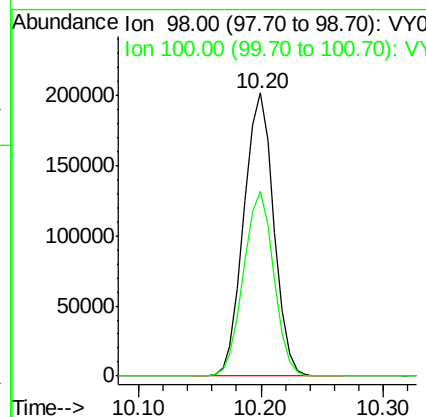
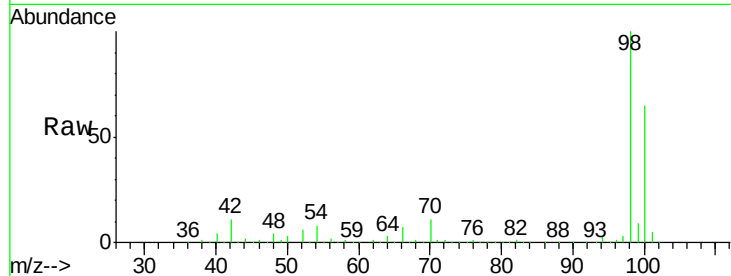




#50
Toluene-d8
Concen: 52.639 ug/l
RT: 10.20 min Scan# 1388
Delta R.T. 0.01 min
Lab File: VY001977.D
Acq: 16 Mar 2020 13:01

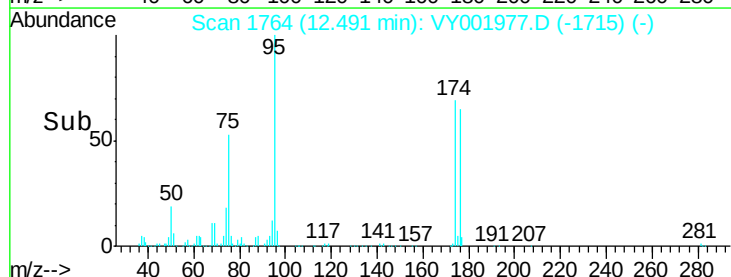
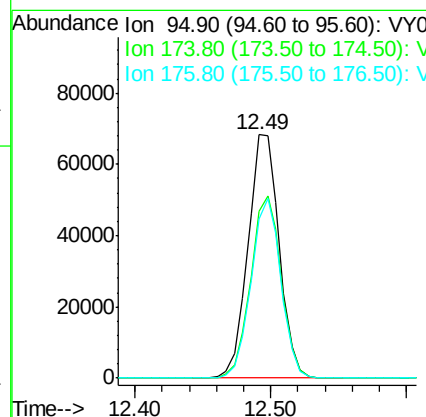
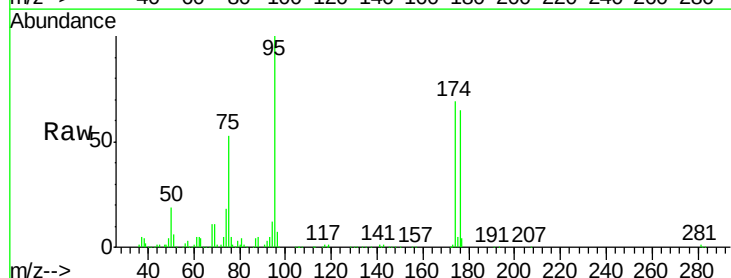
Instrument :
MSVOA_Y
ClientSampleId :
TP-3(2-3)

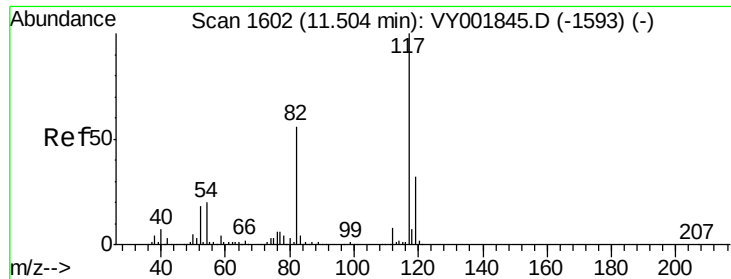
Tot Ion: 98 Resp: 342206
Ion Ratio Lower Upper
98 100
100 65.9 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 48.331 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.00 min
Lab File: VY001977.D
Acq: 16 Mar 2020 13:01

Tgt Ion: 95 Resp: 109252
Ion Ratio Lower Upper
95 100
174 73.4 0.0 145.0
176 70.6 0.0 137.4

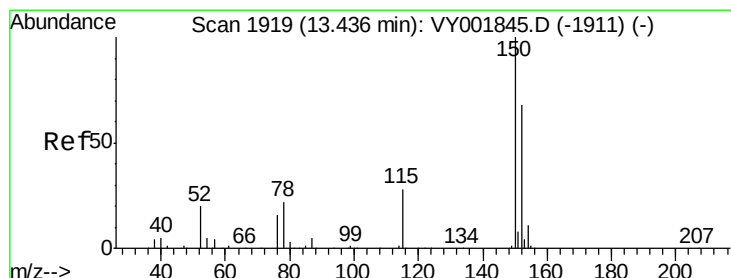
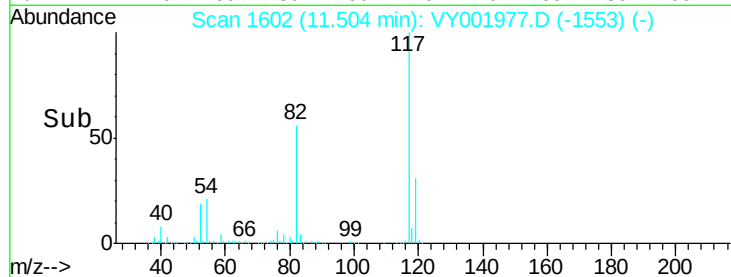
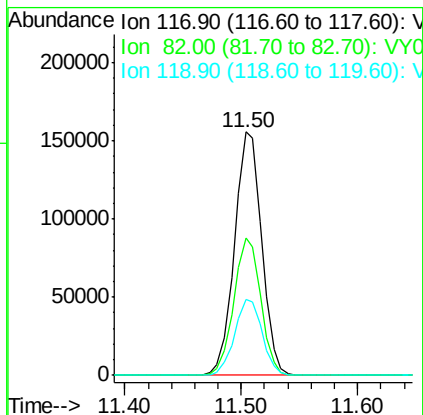
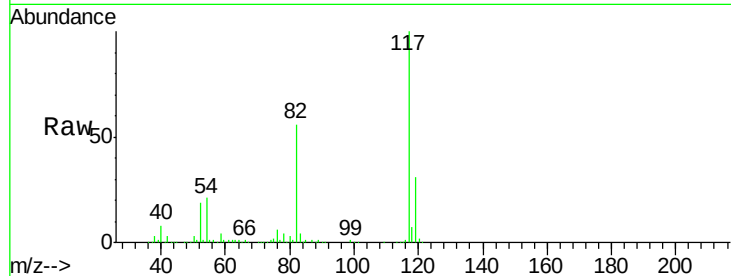




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY001977.D
Acq: 16 Mar 2020 13:01

Instrument :
MSVOA_Y
ClientSampleId :
TP-3(2-3)

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.3	44.5	66.7
119	31.2	25.7	38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1920
Delta R.T. 0.01 min
Lab File: VY001977.D
Acq: 16 Mar 2020 13:01

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.8	29.9	89.7
150	154.6	0.0	340.6

