

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040120\
 Data File : VY002174.D
 Acq On : 01 Apr 2020 19:25
 Operator : SY/MD
 Sample : L2129-26
 Misc : 6.88G/5ML/MSVOA Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2

Quant Time: Apr 02 08:18:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 07:11:05 2020
 Response via : Initial Calibration

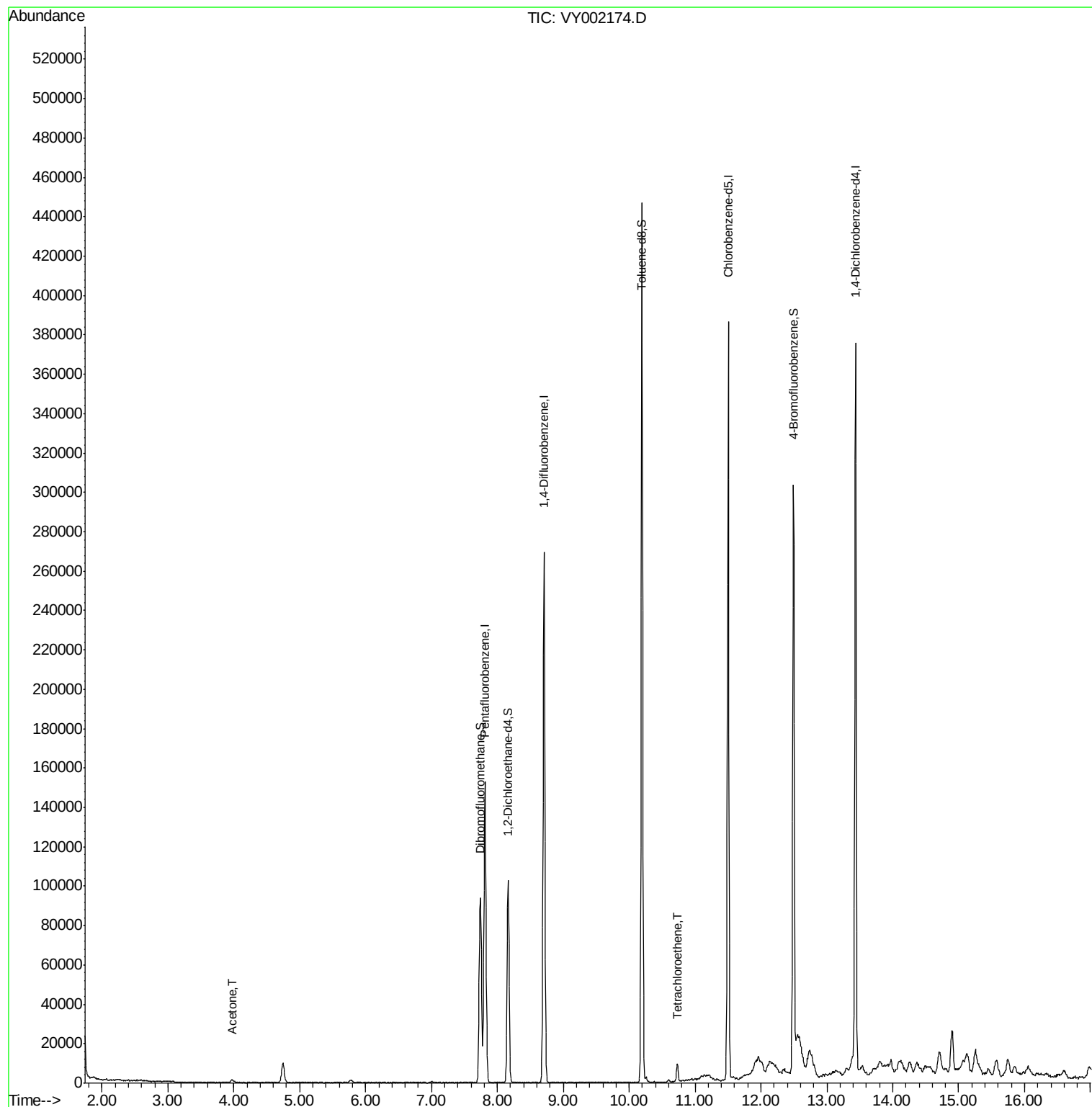
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	115716	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	227524	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	210577	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	88641	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	73976	57.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.66%	
35) Dibromofluoromethane	7.74	113	68813	53.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.96%	
50) Toluene-d8	10.19	98	278992	52.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.36%	
62) 4-Bromofluorobenzene	12.49	95	93621	50.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.10%	
Target Compounds						
16) Acetone	3.97	43	3089	8.595	ug/l #	75
64) Tetrachloroethene	10.73	164	1953	1.516	ug/l	84

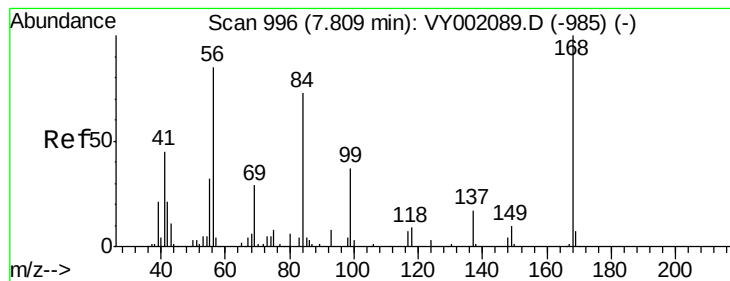
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY040120\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY002174.D

Acq: 01 Apr 2020 19:25

Instrument :

MSVOA_Y

ClientSampleId :

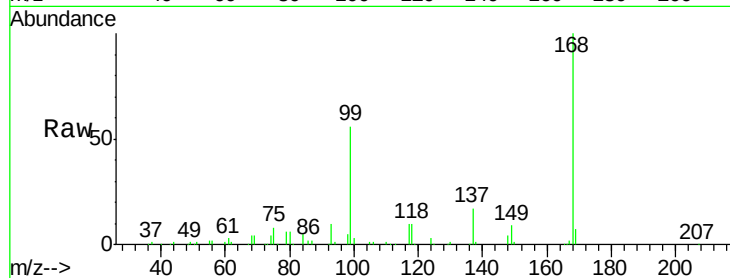
TP-2

Tot Ion:168 Resp: 115716

Ion Ratio Lower Upper

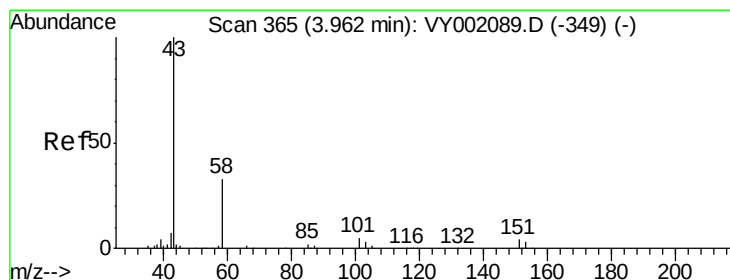
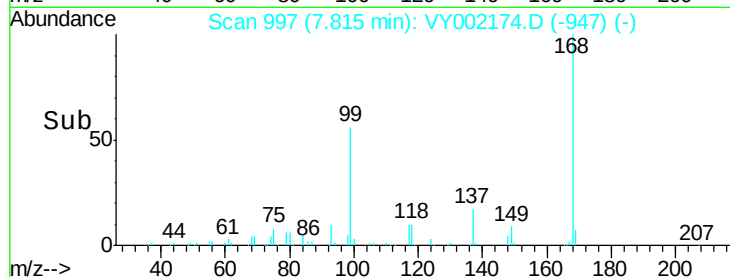
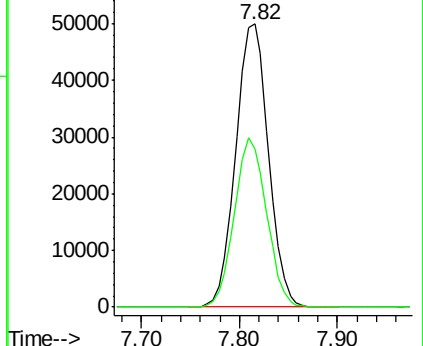
168 100

99 55.8 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002174.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY002174.D (-947) (-)



#16

Acetone

Concen: 8.595 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.01 min

Lab File: VY002174.D

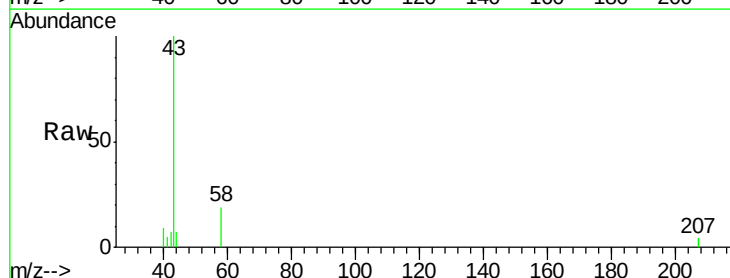
Acq: 01 Apr 2020 19:25

Tgt Ion: 43 Resp: 3089

Ion Ratio Lower Upper

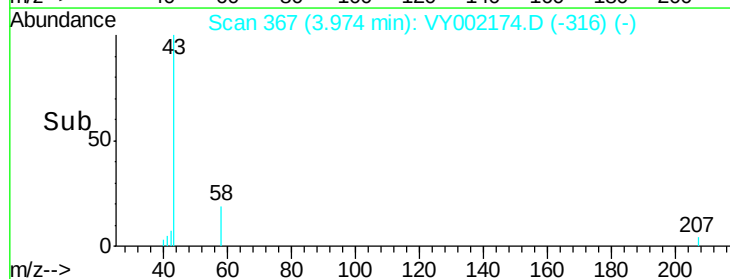
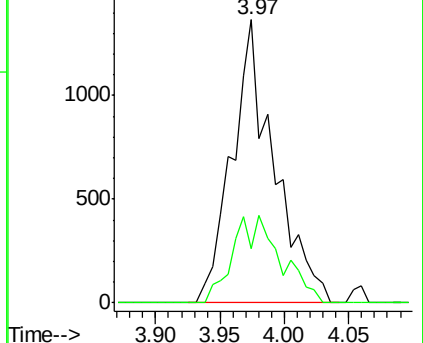
43 100

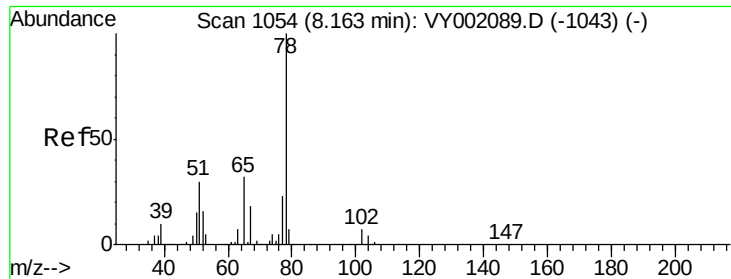
58 19.0 26.3 39.5#



Abundance Ion 43.00 (42.70 to 43.70): VY002174.D (-316) (-)

Ion 58.00 (57.70 to 58.70): VY002174.D (-316) (-)

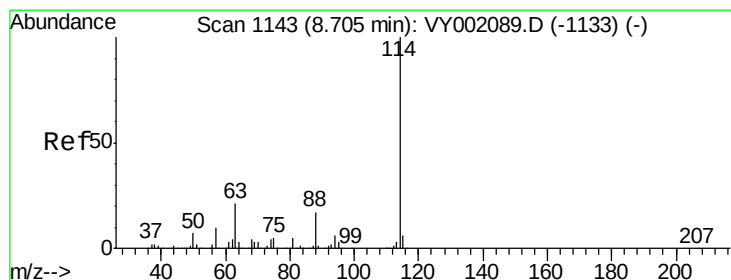
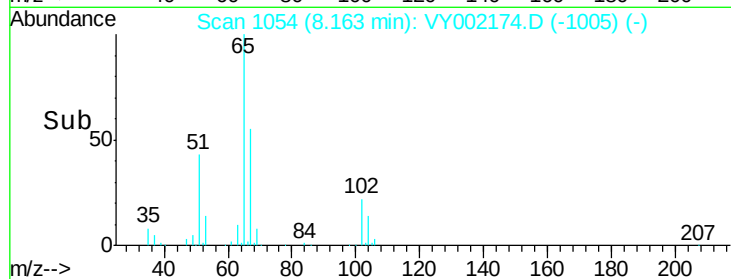
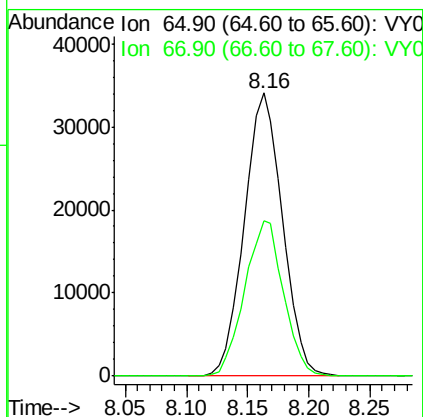
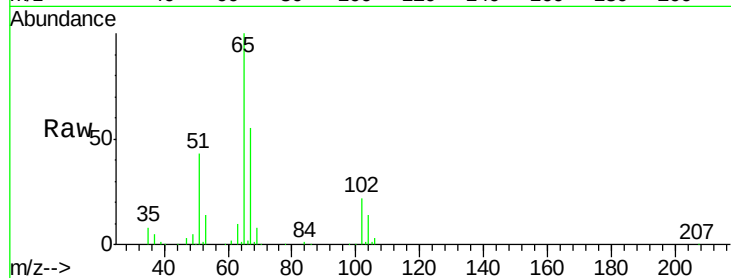




#33
 1,2-Dichloroethane-d4
 Concen: 57.830 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: VY002174.D
 Acq: 01 Apr 2020 19:25

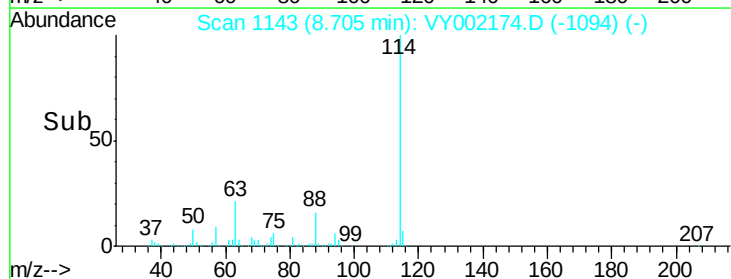
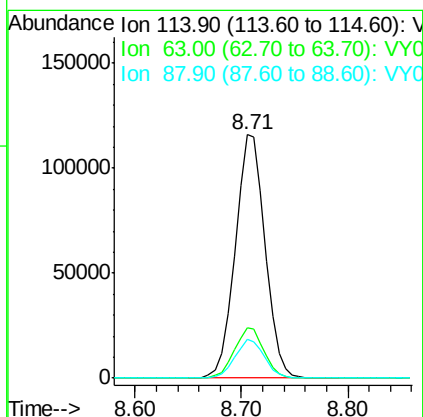
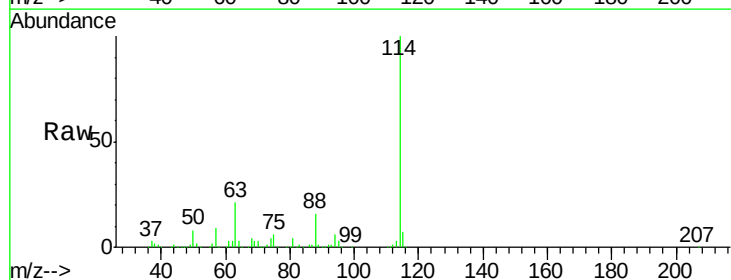
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2

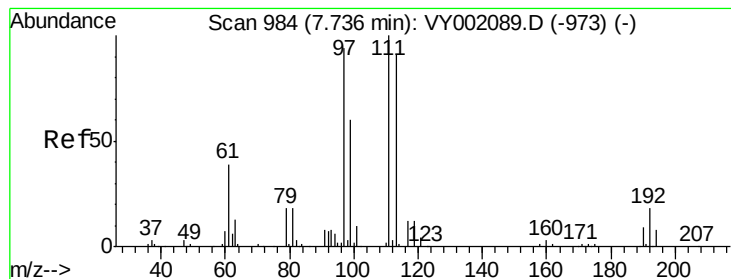
Tot Ion: 65 Resp: 73976
 Ion Ratio Lower Upper
 65 100
 67 55.7 0.0 112.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. 0.00 min
 Lab File: VY002174.D
 Acq: 01 Apr 2020 19:25

Tgt Ion: 114 Resp: 227524
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 41.4
 88 15.7 0.0 33.0





#35

Dibromofluoromethane

Concen: 53.977 ug/l

RT: 7.74 min Scan# 985

Delta R.T. 0.01 min

Lab File: VY002174.D

Acq: 01 Apr 2020 19:25

Instrument :

MSVOA_Y

ClientSampleId :

TP-2

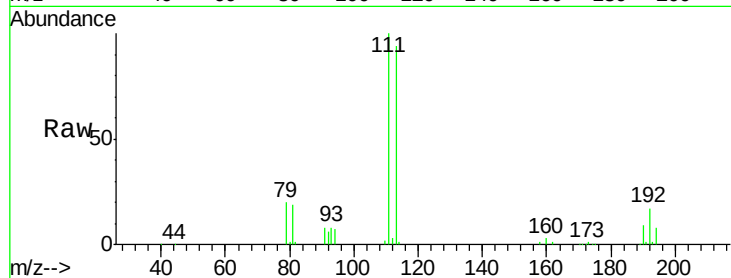
Tot Ion:113 Resp: 68813

Ion Ratio Lower Upper

113 100

111 102.1 84.4 126.6

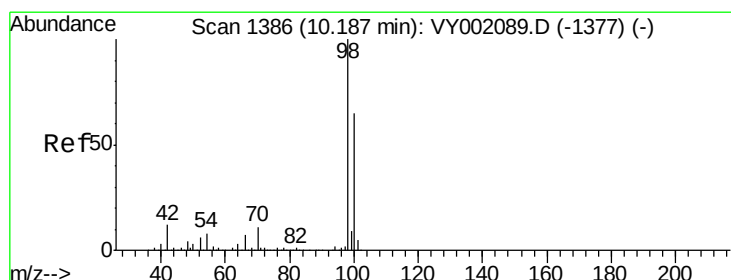
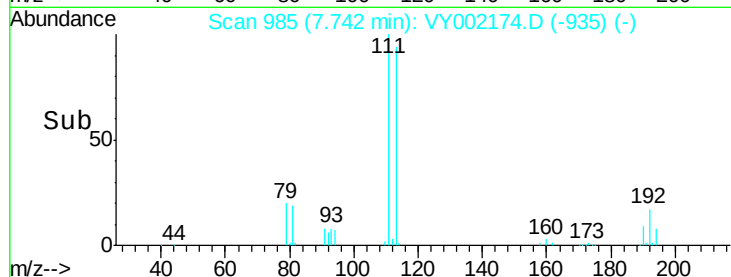
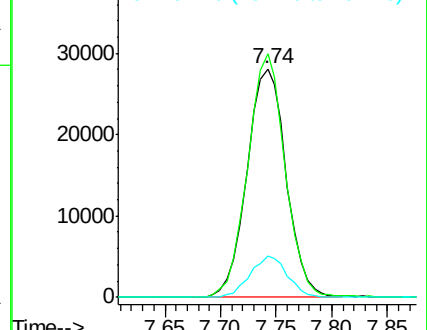
192 17.2 14.6 21.8



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: 52.679 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY002174.D

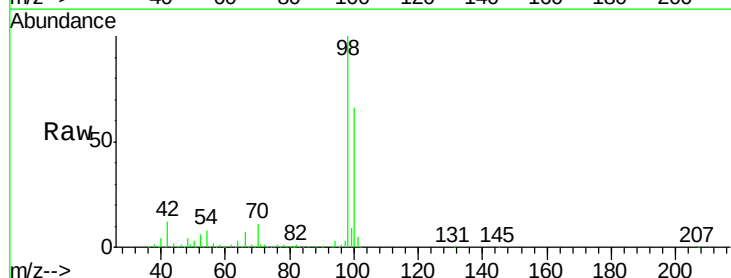
Acq: 01 Apr 2020 19:25

Tgt Ion: 98 Resp: 278992

Ion Ratio Lower Upper

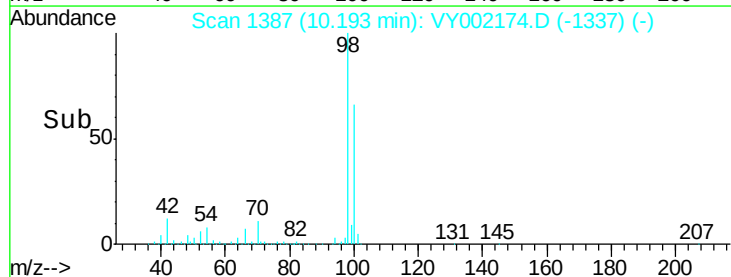
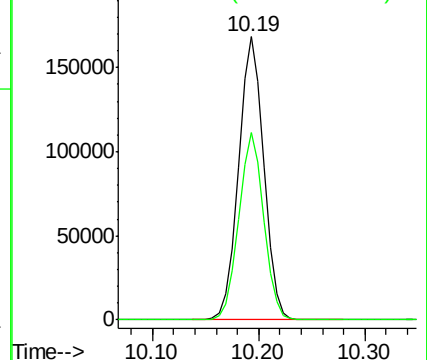
98 100

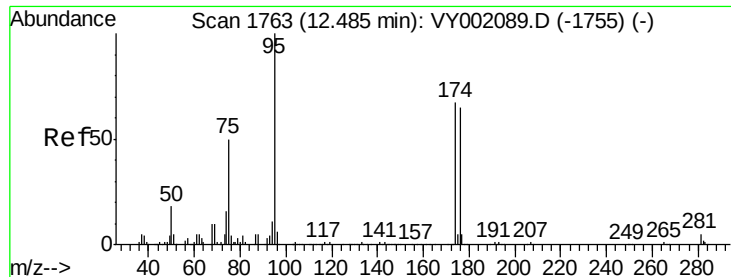
100 65.6 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

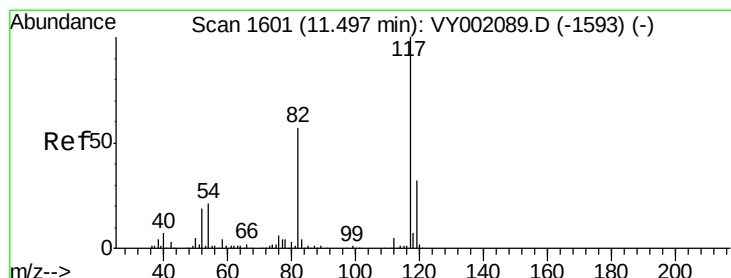
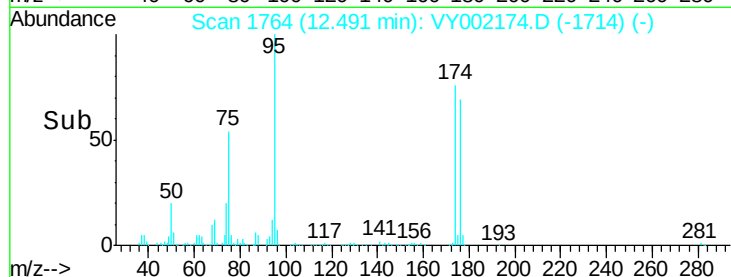
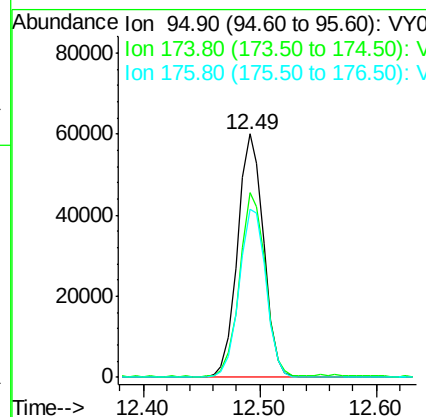
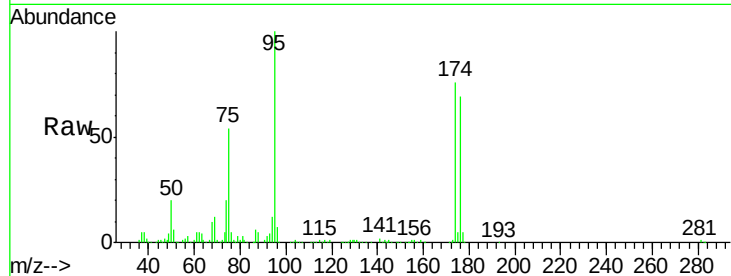




#62
4-Bromofluorobenzene
Concen: 50.546 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.01 min
Lab File: VY002174.D
Acq: 01 Apr 2020 19:25

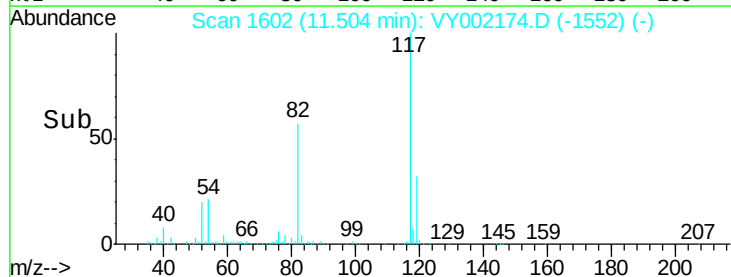
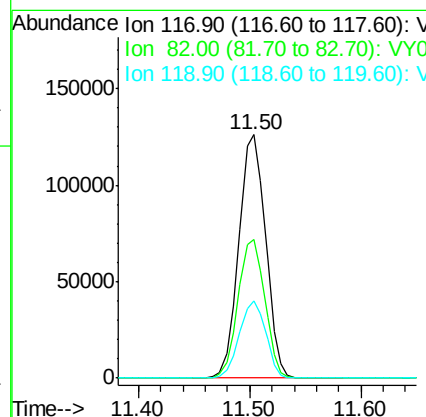
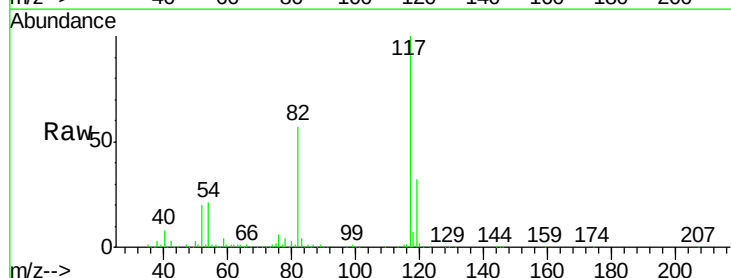
Instrument :
MSVOA_Y
ClientSampled :
TP-2

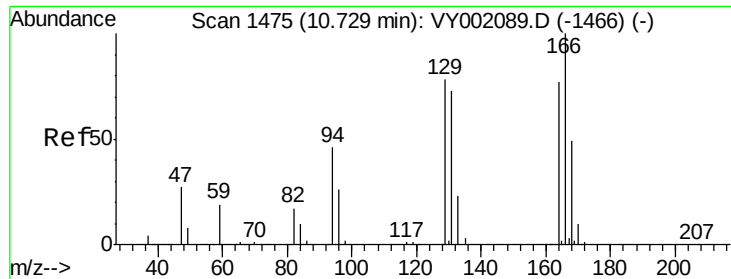
Tot Ion: 95 Resp: 93621
Ion Ratio Lower Upper
95 100
174 74.7 0.0 143.4
176 70.9 0.0 137.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY002174.D
Acq: 01 Apr 2020 19:25

Tgt Ion: 117 Resp: 210577
Ion Ratio Lower Upper
117 100
82 56.8 45.4 68.2
119 31.7 25.3 37.9

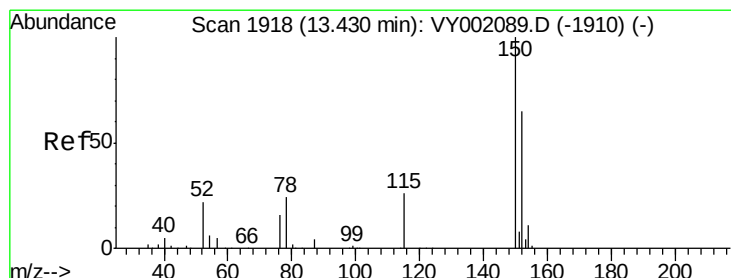
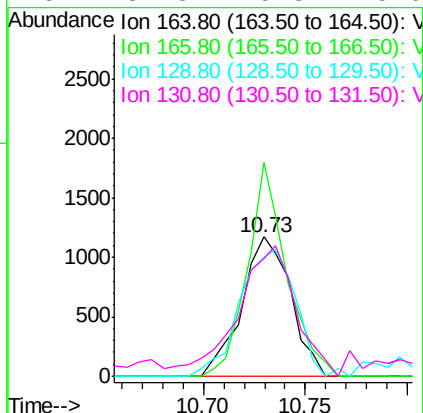
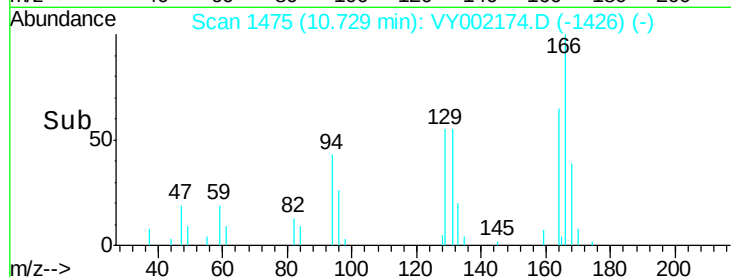
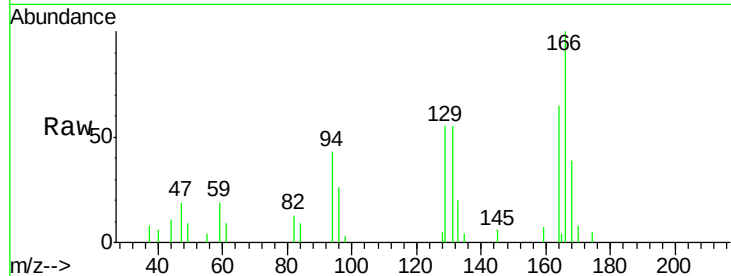




#64
Tetrachloroethene
Concen: 1.516 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.00 min
Lab File: VY002174.D
Acq: 01 Apr 2020 19:25

Instrument :
MSVOA_Y
ClientSampled :
TP-2

Tot Ion:164 Resp: 1953
Ion Ratio Lower Upper
164 100
166 153.4 104.0 156.0
129 85.1 81.2 121.8
131 84.3 75.8 113.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY002174.D
Acq: 01 Apr 2020 19:25

Tgt Ion:152 Resp: 88641
Ion Ratio Lower Upper
152 100
115 60.6 31.2 93.6
150 156.3 0.0 354.8

