

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY071620\
 Data File : VY003216.D
 Acq On : 16 Jul 2020 17:51
 Operator : SY/MD
 Sample : L3308-09
 Misc : 5.09G/5ML/MSVOA Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 9

Quant Time: Jul 17 06:10:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

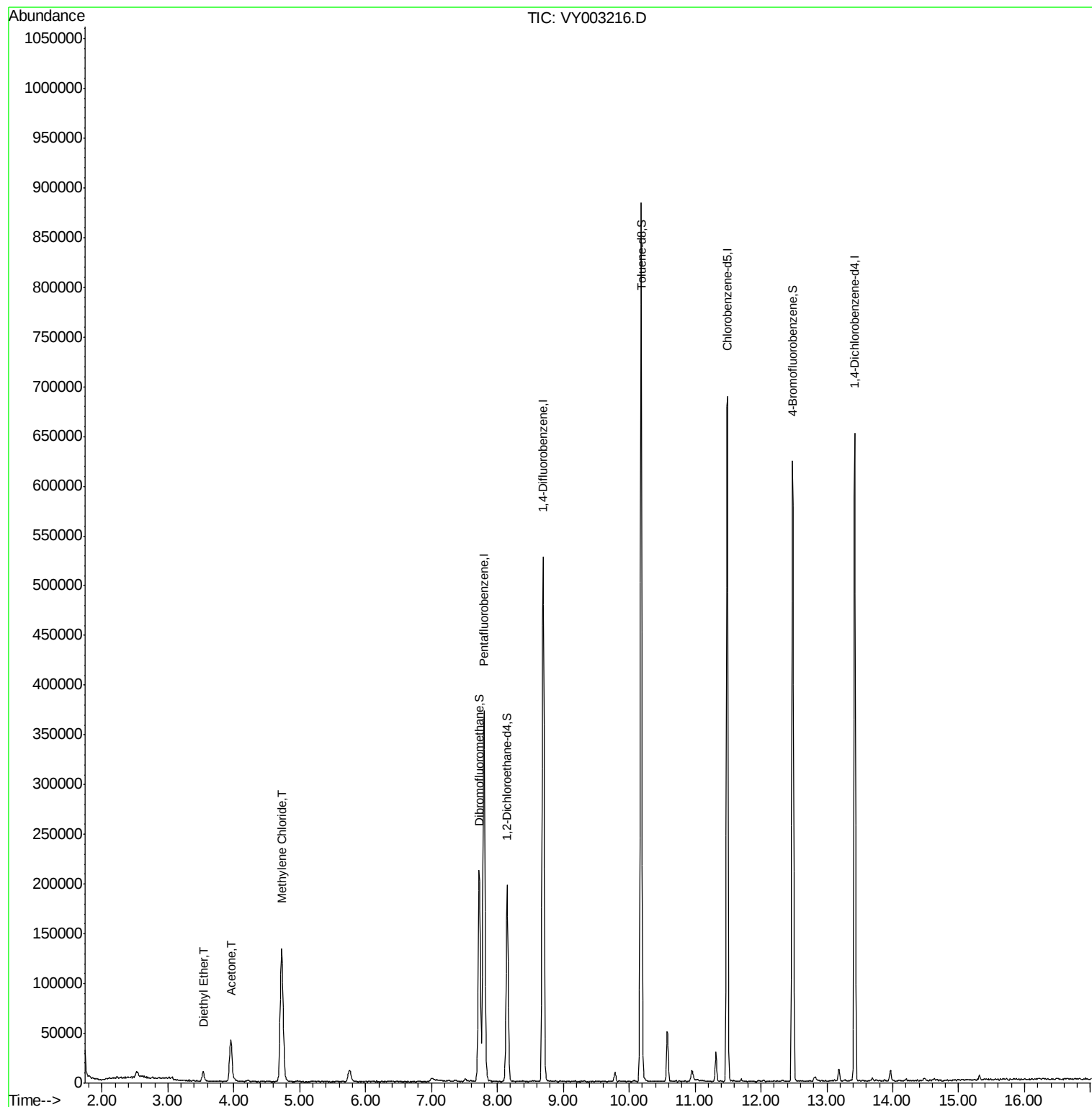
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	299970	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	444675	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	380795	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	163654	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	152654	60.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.58%	
35) Dibromofluoromethane	7.72	113	148049	57.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.70%	
50) Toluene-d8	10.18	98	565380	59.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.86%	
62) 4-Bromofluorobenzene	12.48	95	164573	47.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.76%	
Target Compounds						
8) Diethyl Ether	3.54	74	5328	3.639	ug/l	75
16) Acetone	3.96	43	71748	126.866	ug/l	90
20) Methylene Chloride	4.73	84	102969	34.482	ug/l	97

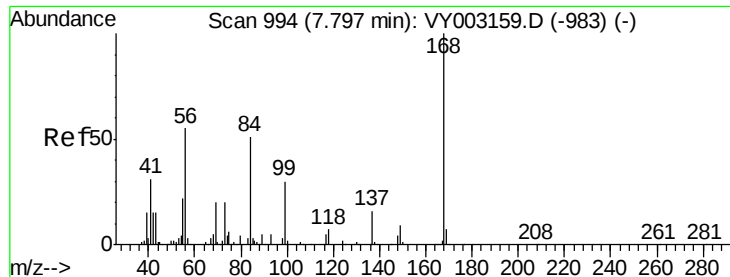
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY071620\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003216.D

Acq: 16 Jul 2020 17:51

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MSVOA_Y

ClientSampleId :

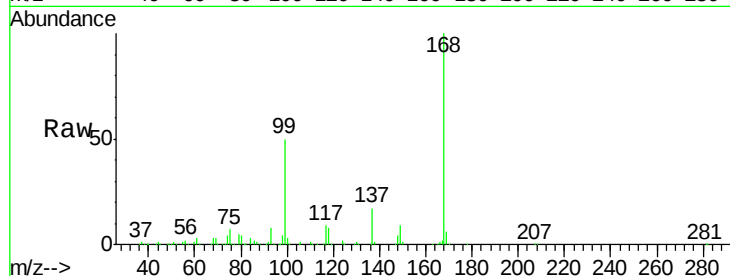
9

Tot Ion:168 Resp: 299970

Ion Ratio Lower Upper

168 100

99 49.6 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003216.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003216.D (-945) (-)

7.80

150000

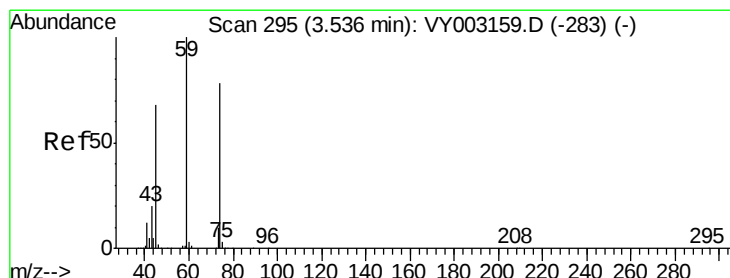
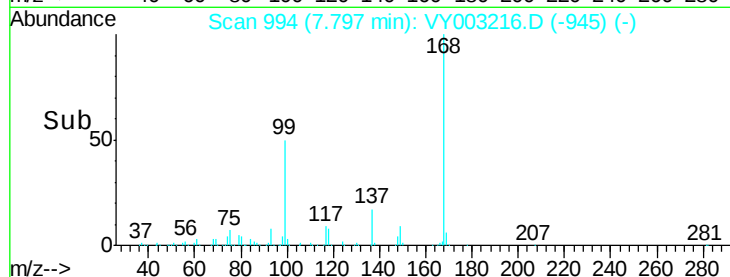
100000

50000

0

7.70 7.80 7.90

Time-->



#8

Diethyl Ether

Concen: 3.639 ug/l

RT: 3.54 min Scan# 295

Delta R.T. -0.00 min

Lab File: VY003216.D

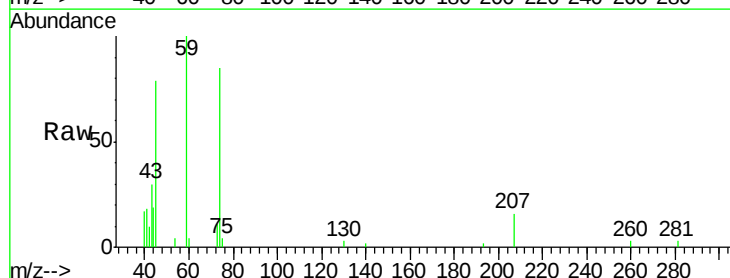
Acq: 16 Jul 2020 17:51

Tgt Ion: 74 Resp: 5328

Ion Ratio Lower Upper

74 100

45 113.9 45.3 135.8



Abundance Ion 74.00 (73.70 to 74.70): VY003216.D (-246) (-)

Ion 45.00 (44.70 to 45.70): VY003216.D (-246) (-)

3.54

2500

2000

1500

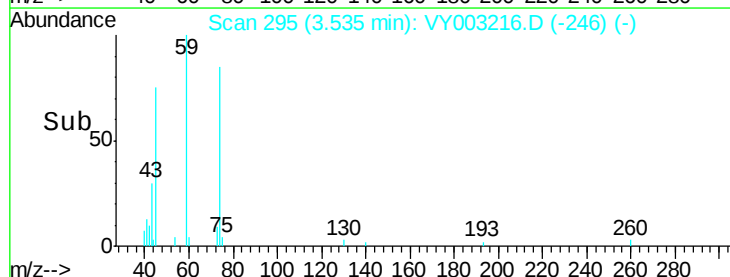
1000

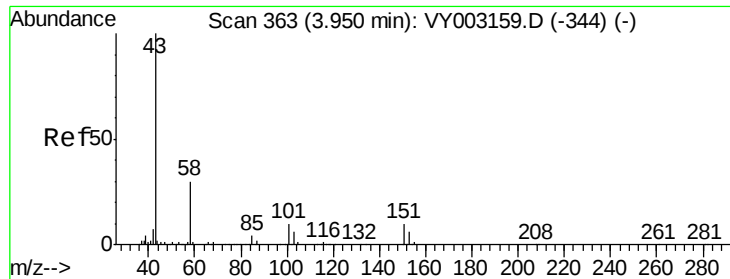
500

0

3.45 3.50 3.55 3.60

Time-->

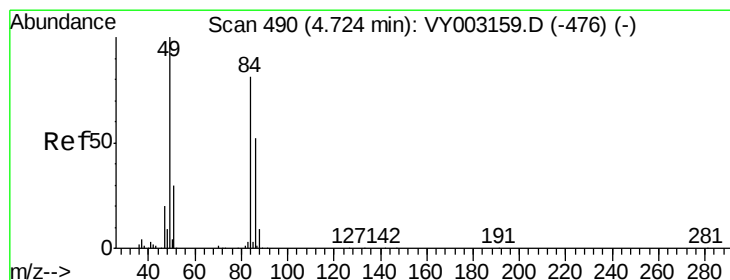
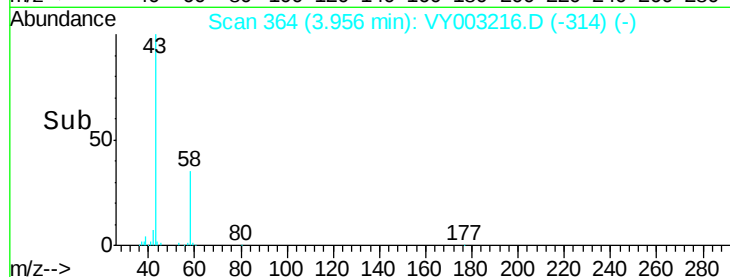
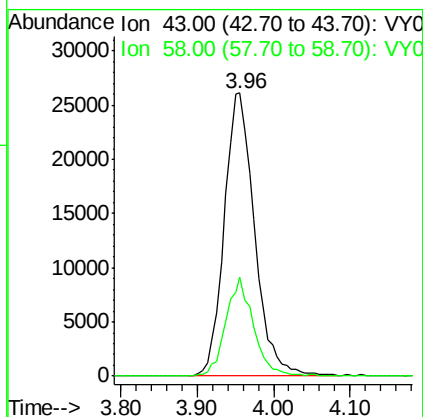
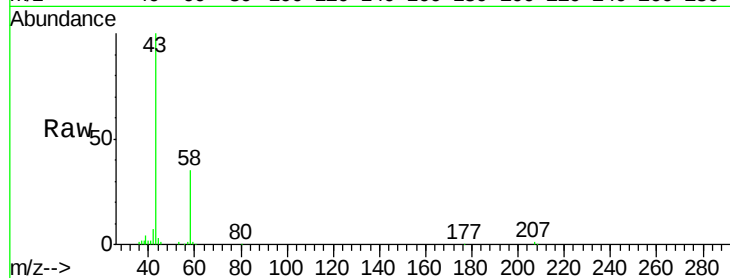




#16
Acetone
Concen: 126.866 ug/l
RT: 3.96 min Scan# 364
Delta R.T. 0.01 min
Lab File: VY003216.D
Acq: 16 Jul 2020 17:51

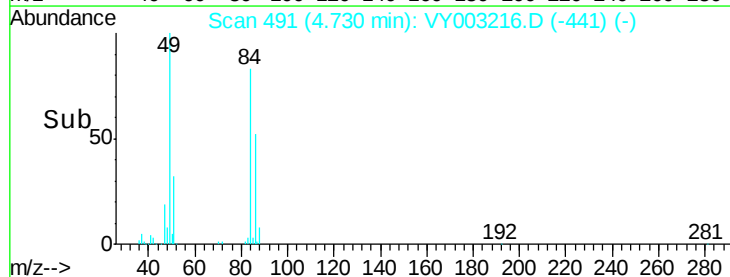
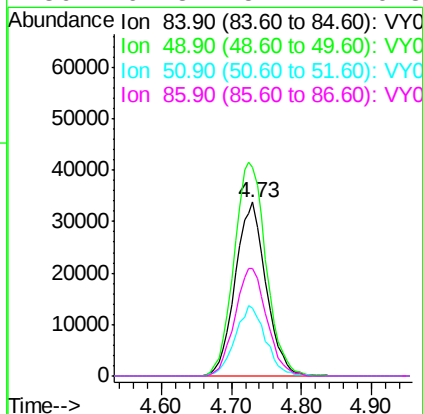
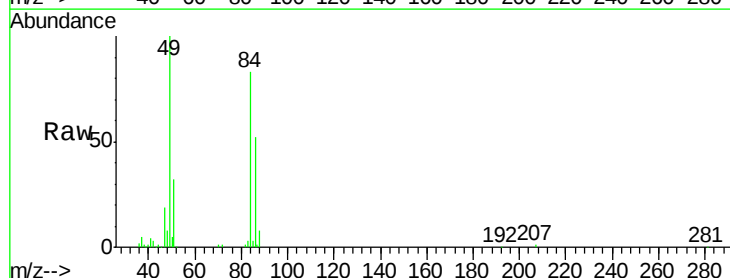
Instrument :
MSVOA_Y
ClientSampleId :
9

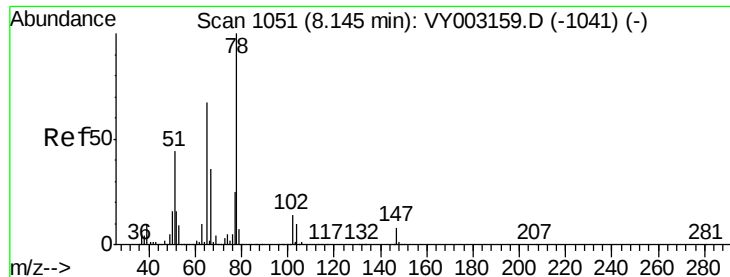
Tot Ion: 43 Resp: 71748
Ion Ratio Lower Upper
43 100
58 35.2 23.8 35.6



#20
Methylene Chloride
Concen: 34.482 ug/l
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY003216.D
Acq: 16 Jul 2020 17:51

Tgt Ion: 84 Resp: 102969
Ion Ratio Lower Upper
84 100
49 119.9 98.2 147.4
51 38.7 29.8 44.6
86 61.8 51.2 76.8

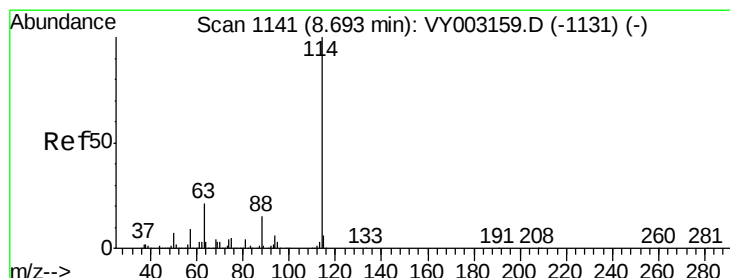
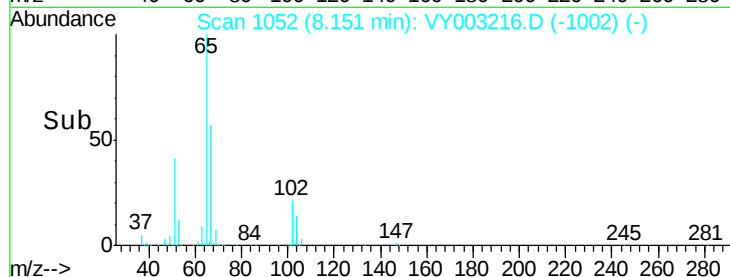
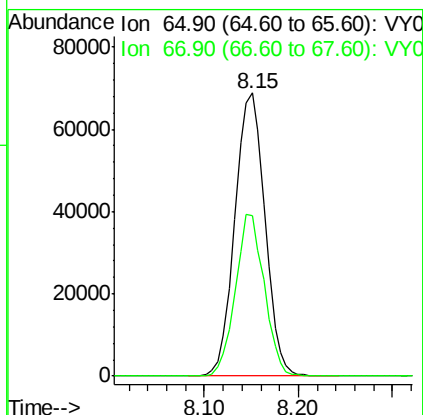
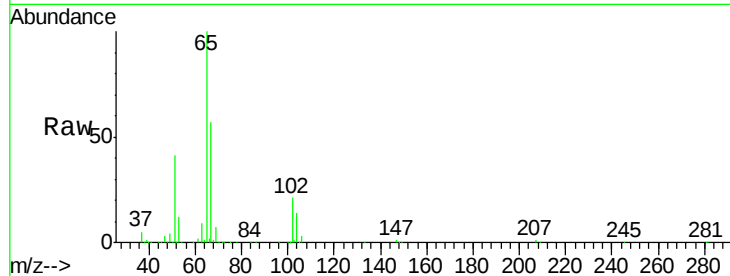




#33
 1,2-Dichloroethane-d4
 Concen: 60.293 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003216.D
 Acq: 16 Jul 2020 17:51

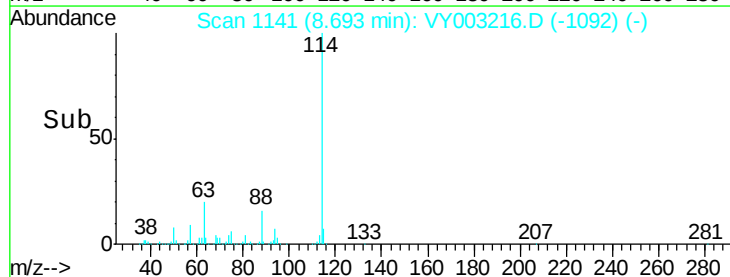
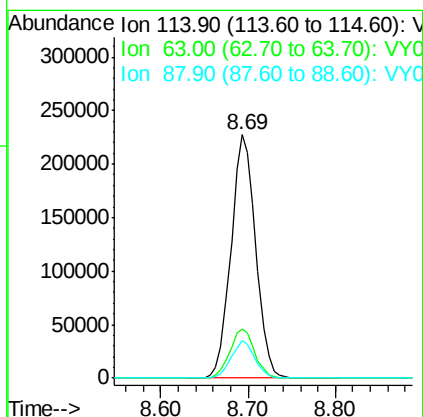
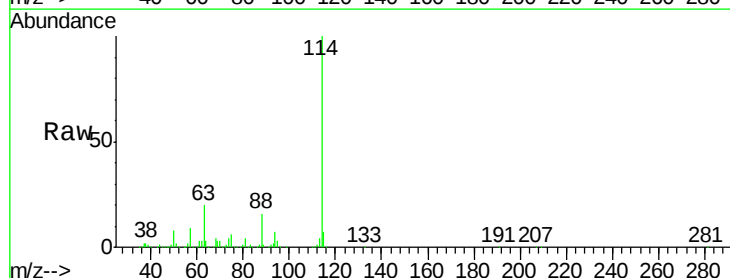
Instrument :
 MSVOA_Y
 ClientSampleId :
 9

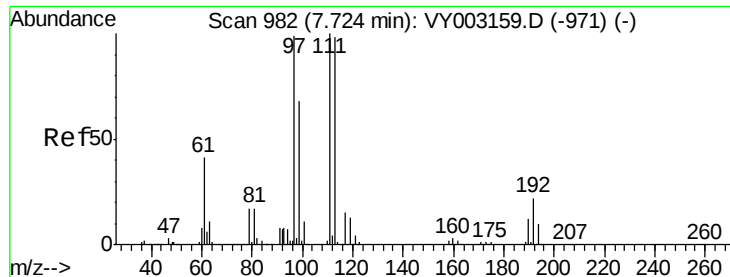
Tot Ion: 65 Resp: 152654
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003216.D
 Acq: 16 Jul 2020 17:51

Tgt Ion: 114 Resp: 444675
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 41.2
 88 15.7 0.0 30.2





#35

Dibromofluoromethane

Concen: 57.854 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.00 min

Lab File: VY003216.D

Acq: 16 Jul 2020 17:51

Instrument :
MSVOA_Y
ClientSampleId :
9

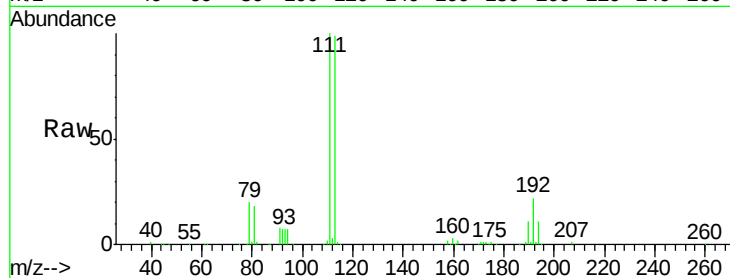
Tot Ion:113 Resp: 148049

Ion Ratio Lower Upper

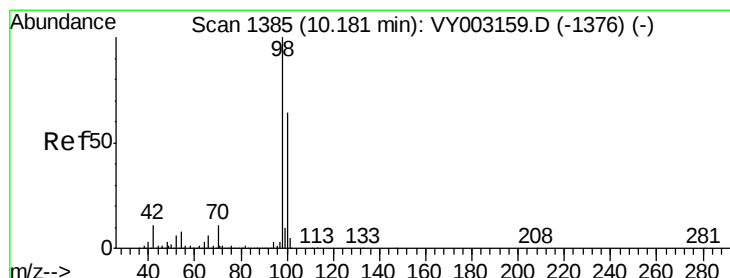
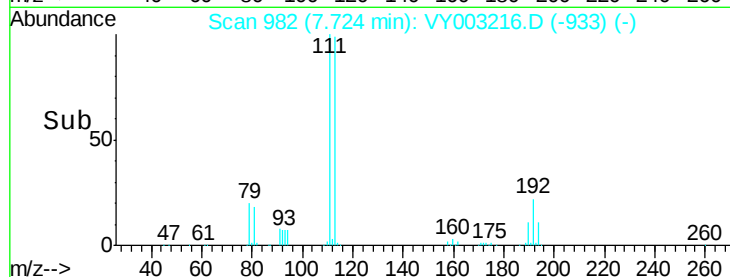
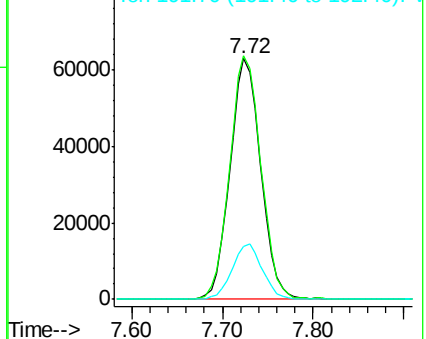
113 100

111 102.9 82.1 123.1

192 22.5 18.8 28.2



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: 59.427 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY003216.D

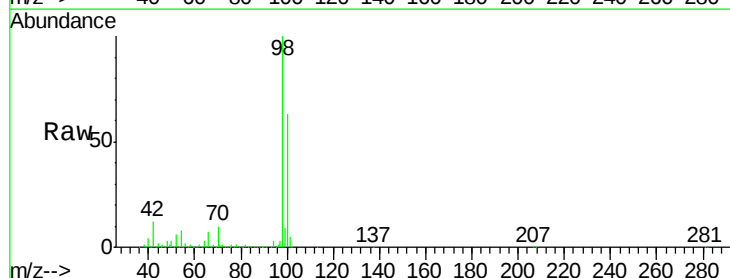
Acq: 16 Jul 2020 17:51

Tgt Ion: 98 Resp: 565380

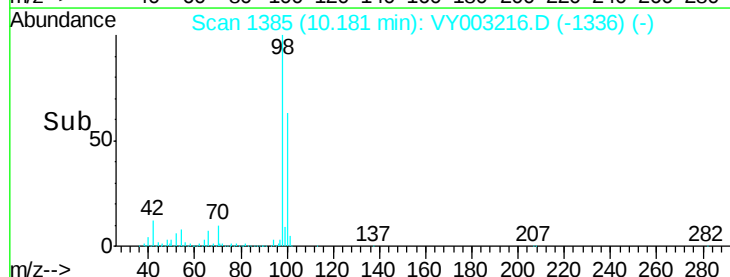
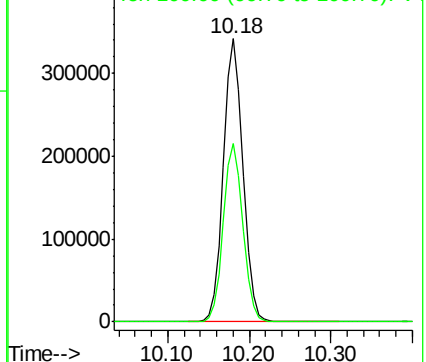
Ion Ratio Lower Upper

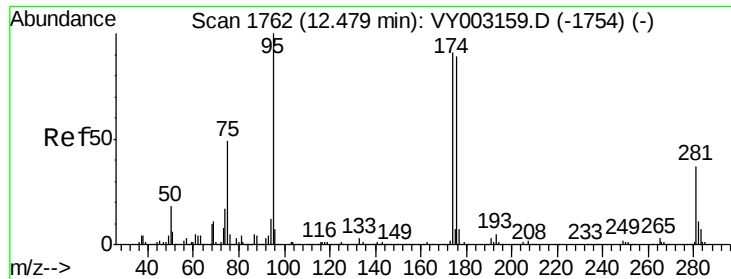
98 100

100 63.0 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY

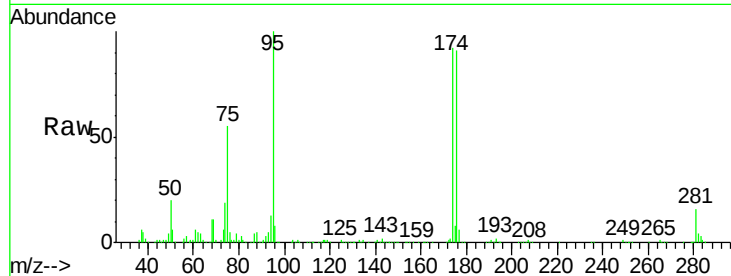




#62
4-Bromofluorobenzene
Concen: 47.883 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY003216.D
Acq: 16 Jul 2020 17:51

Instrument :
MSVOA_Y
ClientSampleId :
9

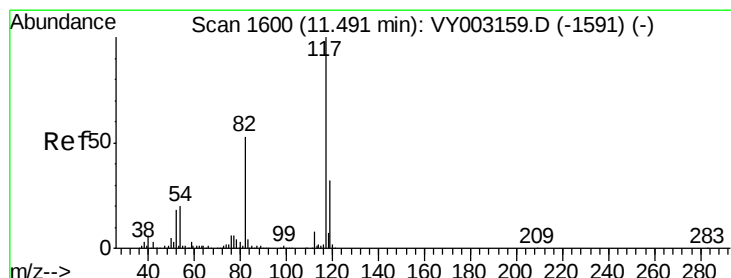
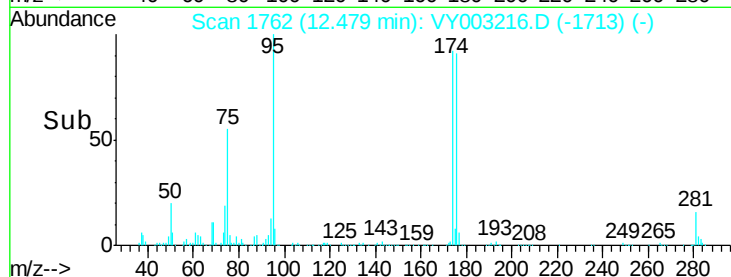
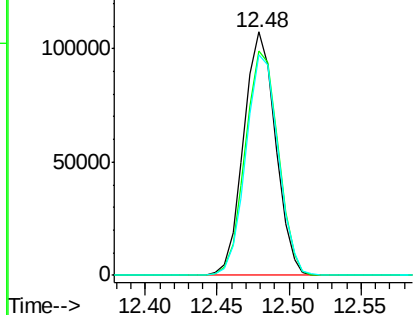
Tot Ion	95	Resp	164573
Ion Ratio	Lower	Upper	
95	100		
174	95.2	0.0	190.6
176	91.5	0.0	186.4



Abundance Ion 94.90 (94.60 to 95.60): VY003216.D (-1713) (-)

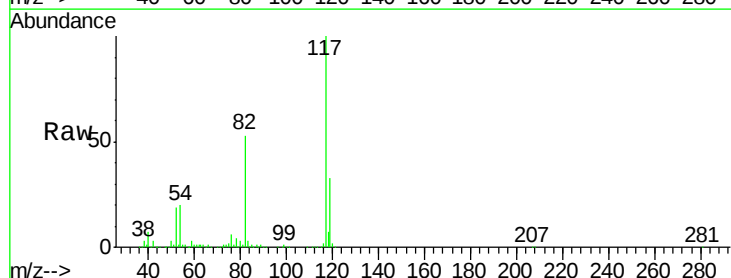
Ion 173.80 (173.50 to 174.50): VY003216.D (-1713) (-)

Ion 175.80 (175.50 to 176.50): VY003216.D (-1713) (-)



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003216.D
Acq: 16 Jul 2020 17:51

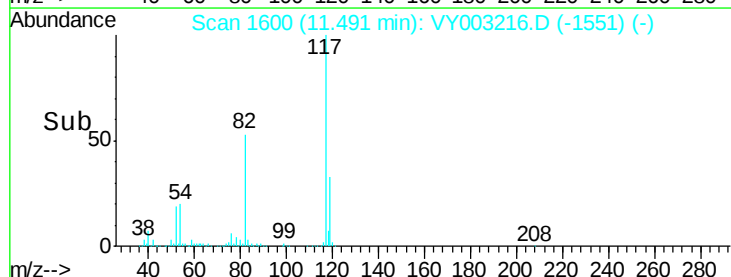
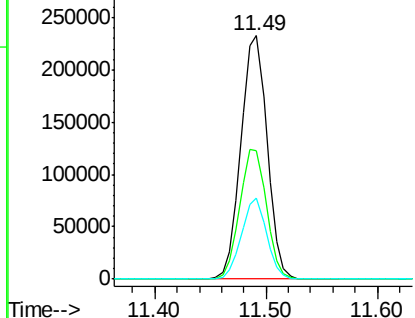
Tgt Ion	117	Resp	380795
Ion Ratio	Lower	Upper	
117	100		
82	52.7	42.0	63.0
119	33.2	25.5	38.3

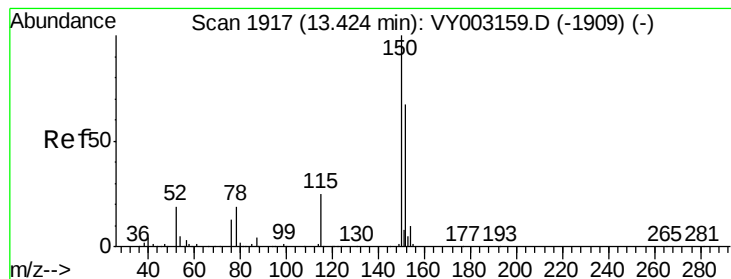


Abundance Ion 116.90 (116.60 to 117.60): VY003216.D (-1551) (-)

Ion 82.00 (81.70 to 82.70): VY003216.D (-1551) (-)

Ion 118.90 (118.60 to 119.60): VY003216.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: VY003216.D

Acq: 16 Jul 2020 17:51

Instrument :

MSVOA_Y

ClientSampleId :

9

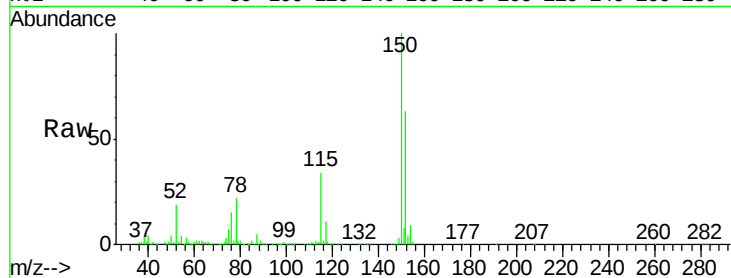
Tot Ion:152 Resp: 163654

Ion Ratio Lower Upper

152 100

115 55.9 26.9 80.7

150 159.8 0.0 338.0



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

