

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012420\
 Data File : VY001383.D
 Acq On : 24 Jan 2020 15:34
 Operator : SY/MD
 Sample : L1242-02
 Misc : 5.02G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20200056-COMPOSITE-2

Quant Time: Jan 25 04:33:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:21:47 2020
 Response via : Initial Calibration

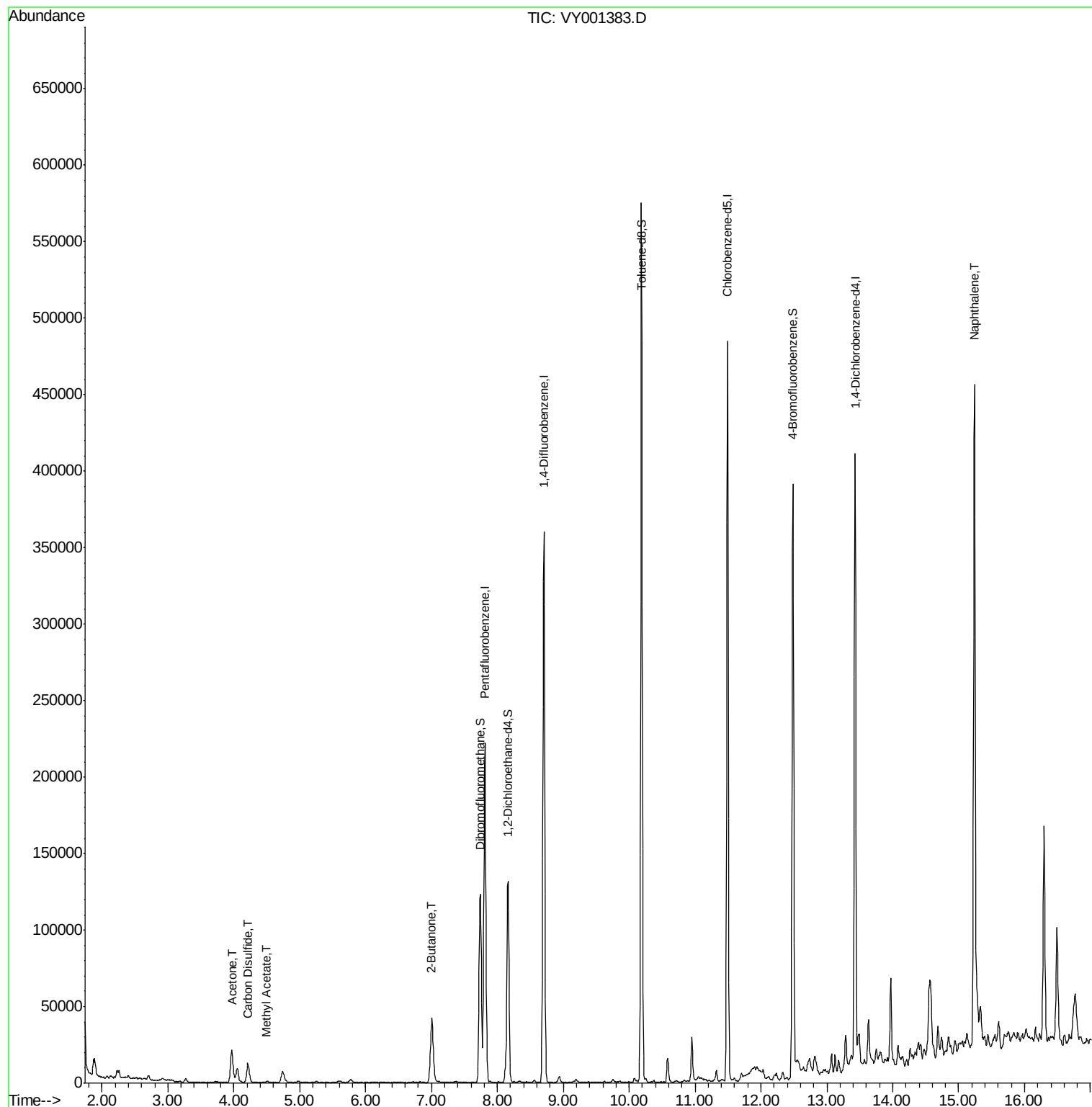
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	169543	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.71	114	305870	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	268136	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	101062	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	94345	51.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.28%	
35) Dibromofluoromethane	7.74	113	89140	49.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.30%	
50) Toluene-d8	10.19	98	360461	51.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.36%	
62) 4-Bromofluorobenzene	12.49	95	118201	42.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.12%	
Target Compounds						
16) Acetone	3.97	43	37505	71.768	ug/l	96
17) Carbon Disulfide	4.21	76	24513	4.330	ug/l	98
18) Methyl Acetate	4.50	43	1682	1.081	ug/l #	81
25) 2-Butanone	7.01	43	16393	20.415	ug/l	96
95) Naphthalene	15.24	128	329492	68.436	ug/l	99

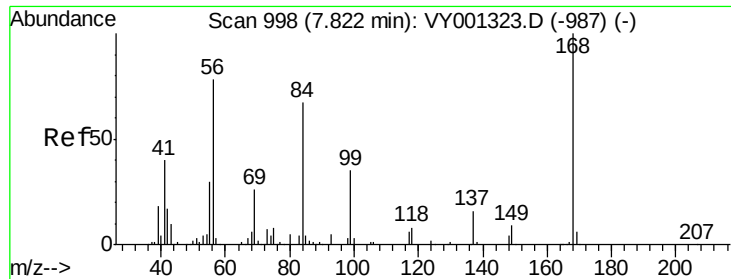
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY012420\
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Quant Time: Jan 25 04:33:03 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 23 01:21:47 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY001383.D

Acq: 24 Jan 2020 15:34

Instrument :

MSVOA_Y

ClientSampleId :

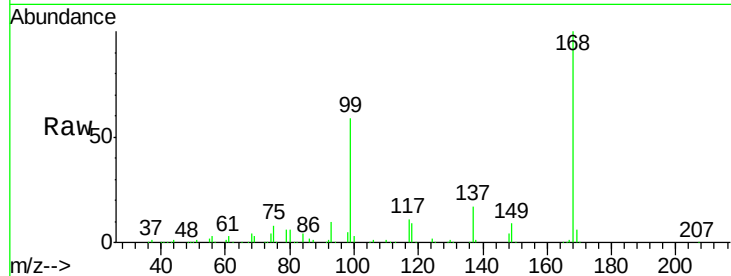
20200056-COMPOSITE-2

Tot Ion:168 Resp: 169543

Ion Ratio Lower Upper

168 100

99 59.0 44.3 66.5



Abundance Ion 167.90 (167.60 to 168.60): VY001383.D (-949) (-)

Ion 98.90 (98.60 to 99.60): VY001383.D (-949) (-)

7.81

80000

60000

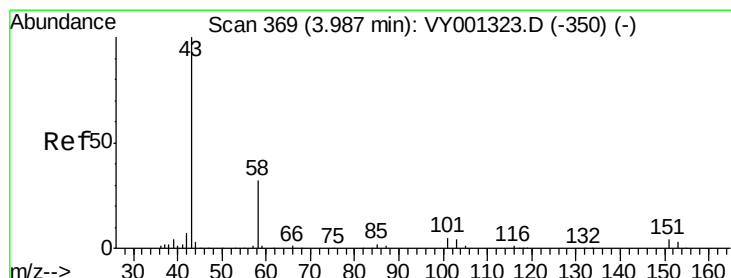
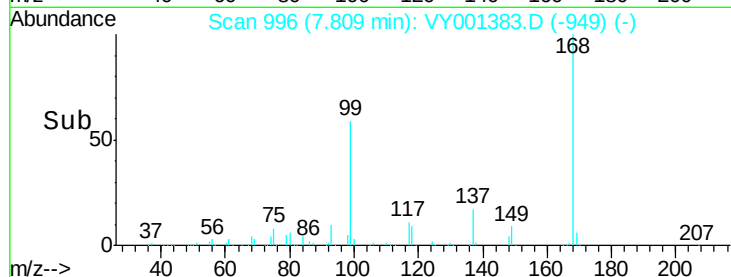
40000

20000

0

Time-->

7.70 7.80 7.90



#16

Acetone

Concen: 71.768 ug/l

RT: 3.97 min Scan# 366

Delta R.T. -0.02 min

Lab File: VY001383.D

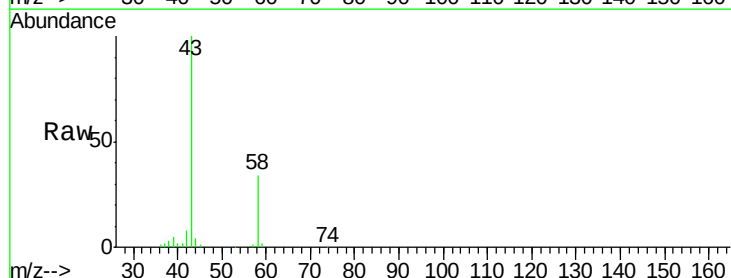
Acq: 24 Jan 2020 15:34

Tgt Ion: 43 Resp: 37505

Ion Ratio Lower Upper

43 100

58 33.7 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VY001383.D (-320) (-)

Ion 58.00 (57.70 to 58.70): VY001383.D (-320) (-)

3.97

15000

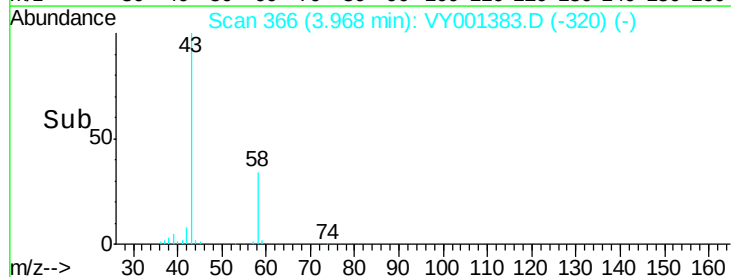
10000

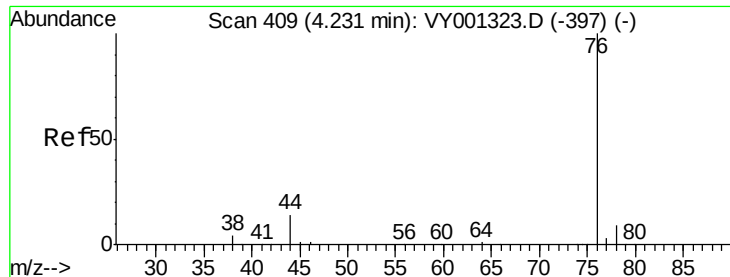
5000

0

Time-->

3.90 4.00 4.10

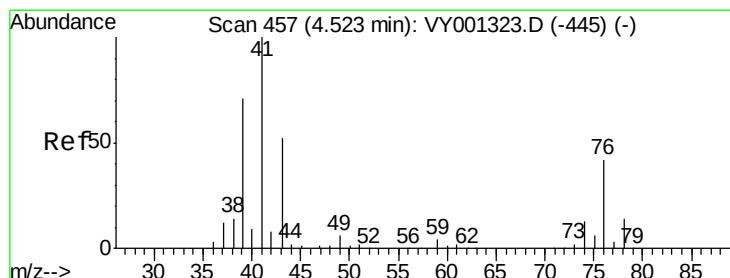
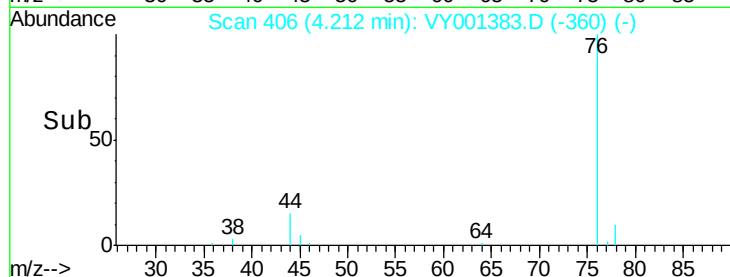
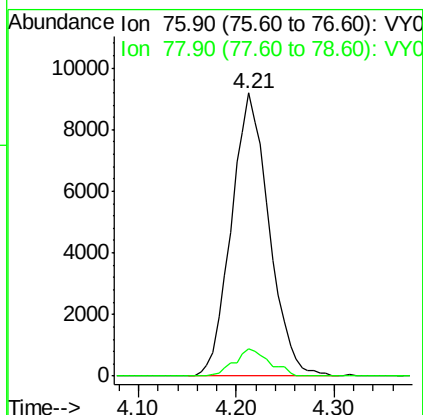
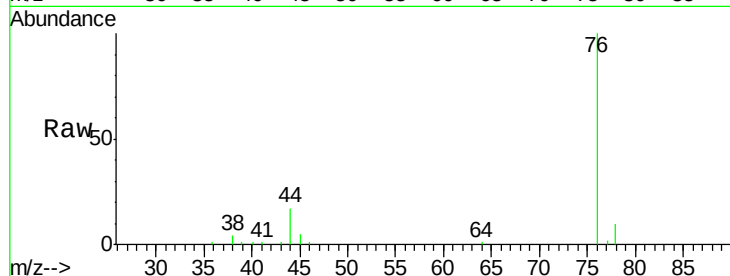




#17
Carbon Disulfide
Concen: 4.330 ug/l
RT: 4.21 min Scan# 406
Delta R.T. -0.02 min
Lab File: VY001383.D
Acq: 24 Jan 2020 15:34

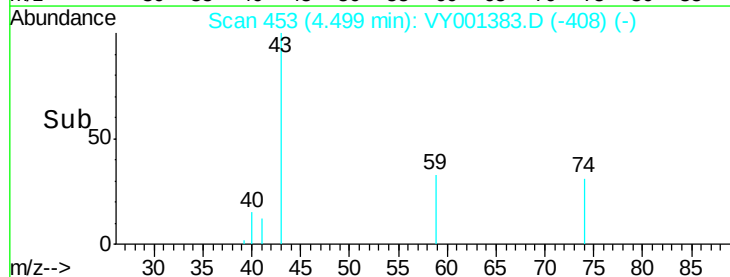
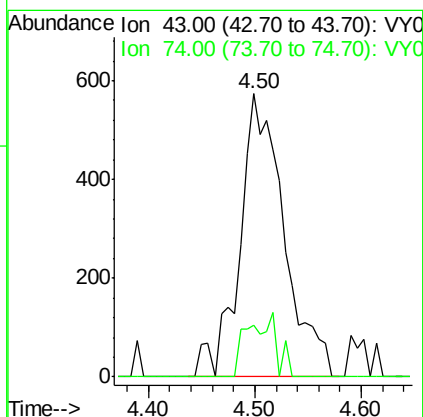
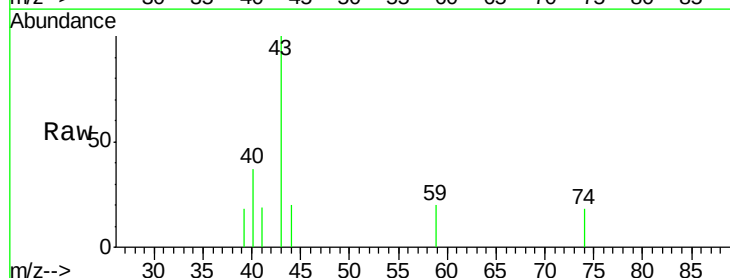
Instrument :
MSVOA_Y
ClientSampleId :
20200056-COMPOSITE-2

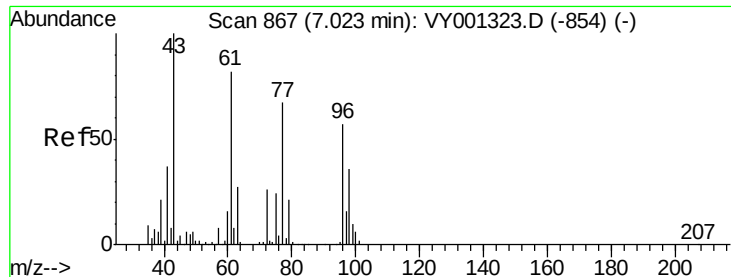
Tot Ion: 76 Resp: 24513
Ion Ratio Lower Upper
76 100
78 9.7 7.0 10.6



#18
Methyl Acetate
Concen: 1.081 ug/l
RT: 4.50 min Scan# 453
Delta R.T. -0.02 min
Lab File: VY001383.D
Acq: 24 Jan 2020 15:34

Tgt Ion: 43 Resp: 1682
Ion Ratio Lower Upper
43 100
74 14.8 19.4 29.2#





#25

2-Butanone

Concen: 20.415 ug/l

RT: 7.01 min Scan# 865

Delta R.T. -0.01 min

Lab File: VY001383.D

Acq: 24 Jan 2020 15:34

Instrument :

MSVOA_Y

ClientSampleId :

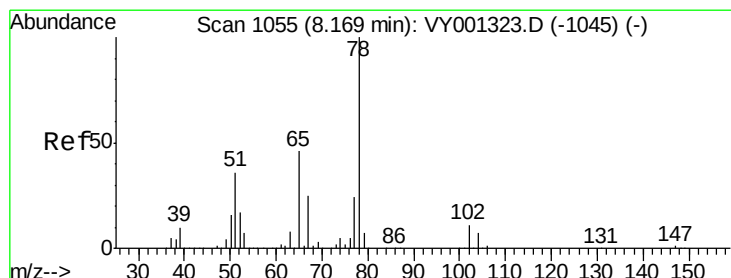
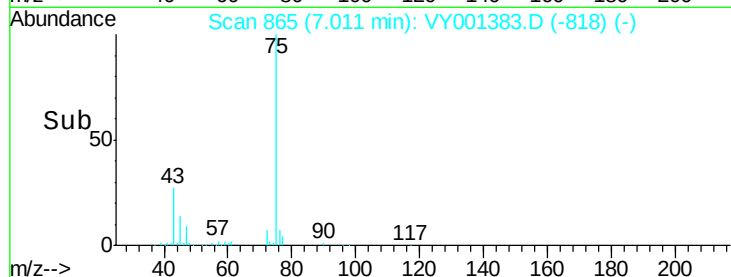
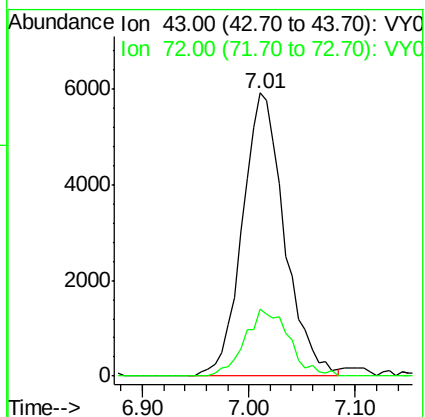
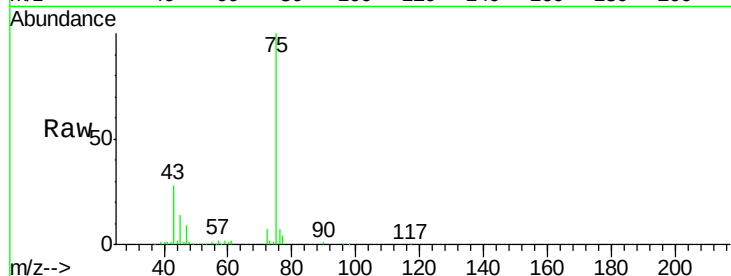
20200056-COMPOSITE-2

Tot Ion: 43 Resp: 16393

Ion Ratio Lower Upper

43 100

72 23.7 20.6 31.0



#33

1,2-Dichloroethane-d4

Concen: 51.139 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VY001383.D

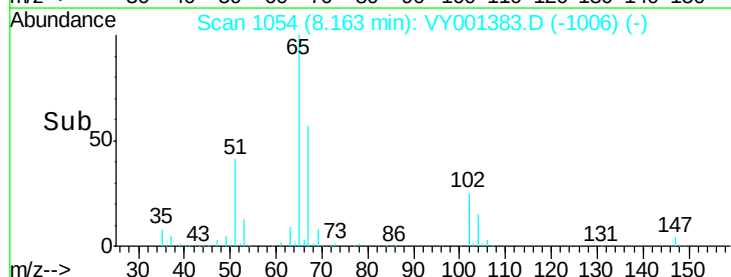
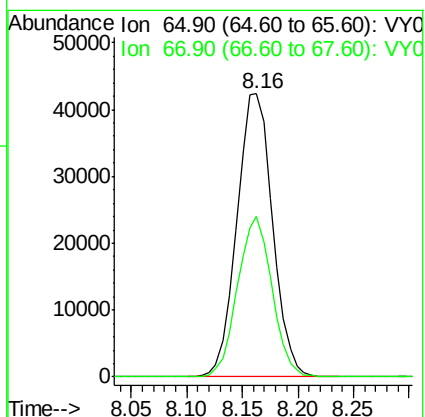
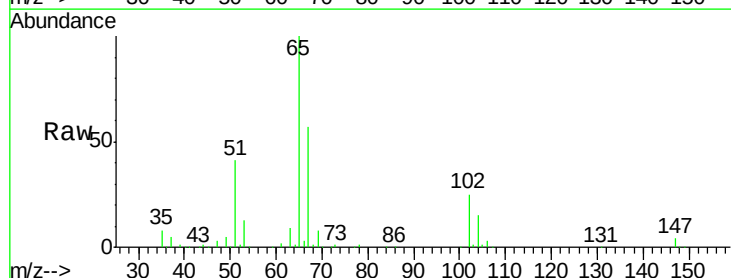
Acq: 24 Jan 2020 15:34

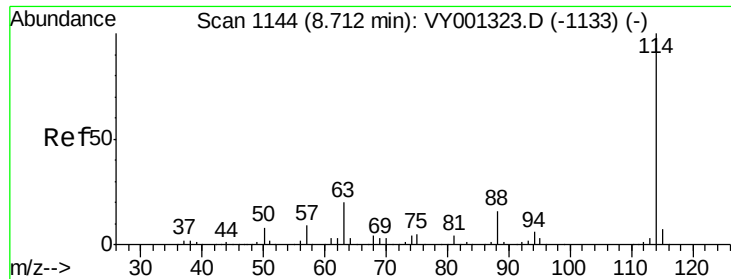
Tgt Ion: 65 Resp: 94345

Ion Ratio Lower Upper

65 100

67 54.7 0.0 108.6

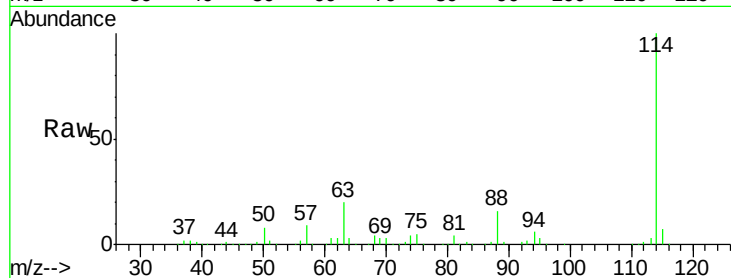




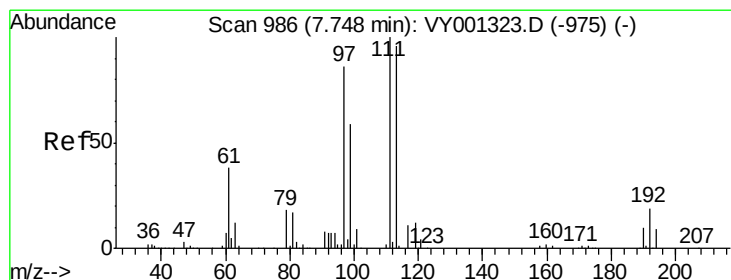
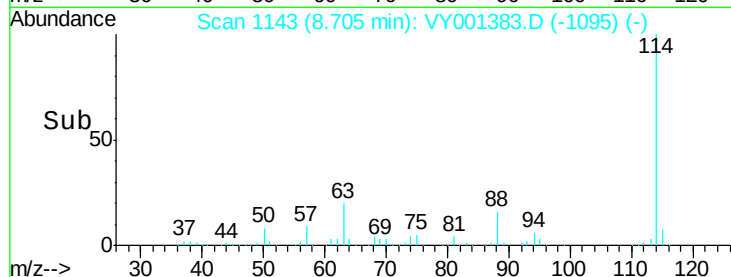
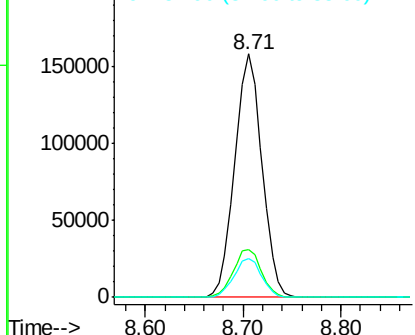
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.71 min Scan# 1143
Delta R.T. -0.01 min
Lab File: VY001383.D
Acq: 24 Jan 2020 15:34

Instrument :
MSVOA_Y
ClientSampleId :
20200056-COMPOSITE-2

Tot Ion:114 Resp: 305870
Ion Ratio Lower Upper
114 100
63 19.7 0.0 40.8
88 16.0 0.0 31.0

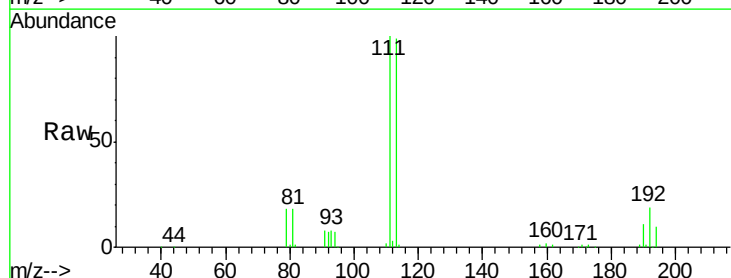


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VY0
Ion 87.90 (87.60 to 88.60): VY0

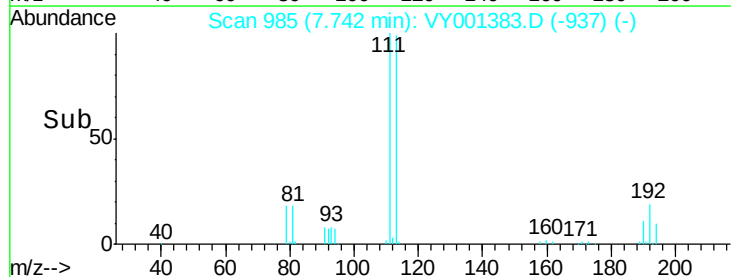
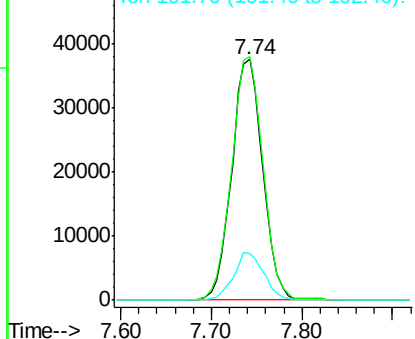


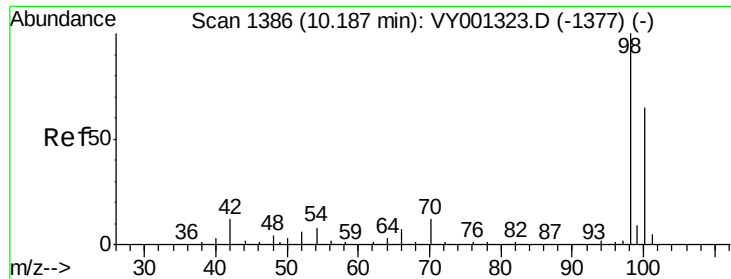
#35
Dibromofluoromethane
Concen: 49.655 ug/l
RT: 7.74 min Scan# 985
Delta R.T. -0.01 min
Lab File: VY001383.D
Acq: 24 Jan 2020 15:34

Tgt Ion:113 Resp: 89140
Ion Ratio Lower Upper
113 100
111 102.2 82.8 124.2
192 19.1 15.5 23.3



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: 51.681 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.00 min

Lab File: VY001383.D

Acq: 24 Jan 2020 15:34

Instrument :

MSVOA_Y

ClientSampleId :

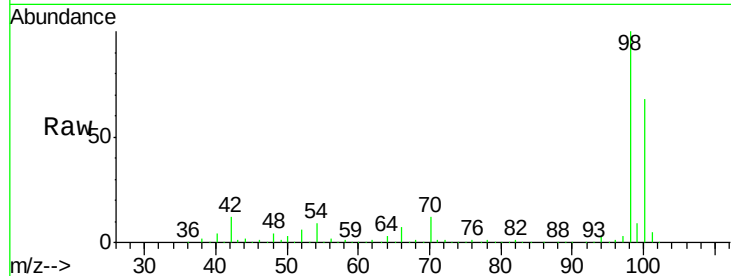
20200056-COMPOSITE-2

Tot Ion: 98 Resp: 360461

Ion Ratio Lower Upper

98 100

100 66.0 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VY001383.D (-1337) (-)

Ion 100.00 (99.70 to 100.70): VY001383.D (-1337) (-)

250000

200000

150000

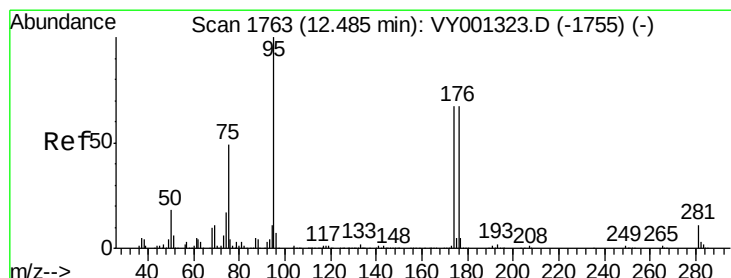
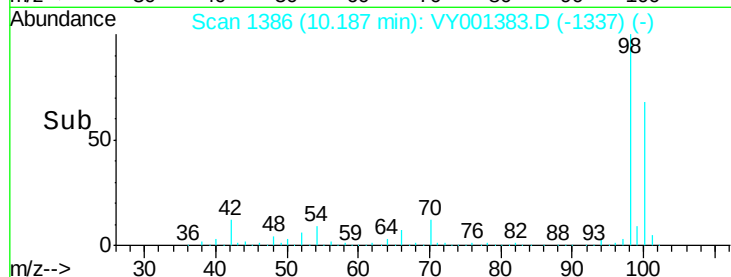
100000

50000

0

10.10 10.20 10.30

Time-->



#62

4-Bromofluorobenzene

Concen: 42.556 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VY001383.D

Acq: 24 Jan 2020 15:34

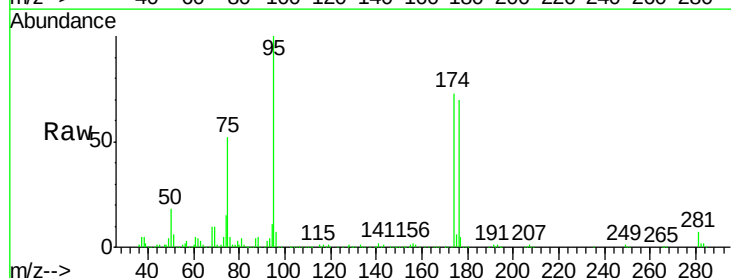
Tgt Ion: 95 Resp: 118201

Ion Ratio Lower Upper

95 100

174 74.2 0.0 142.0

176 71.5 0.0 138.6



Abundance Ion 94.90 (94.60 to 95.60): VY001383.D (-1714) (-)

Ion 173.80 (173.50 to 174.50): VY001383.D (-1714) (-)

Ion 175.80 (175.50 to 176.50): VY001383.D (-1714) (-)

100000

80000

60000

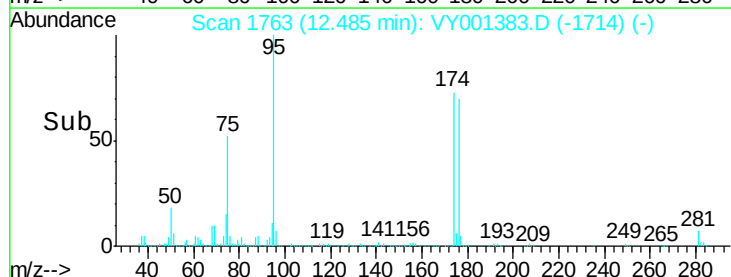
40000

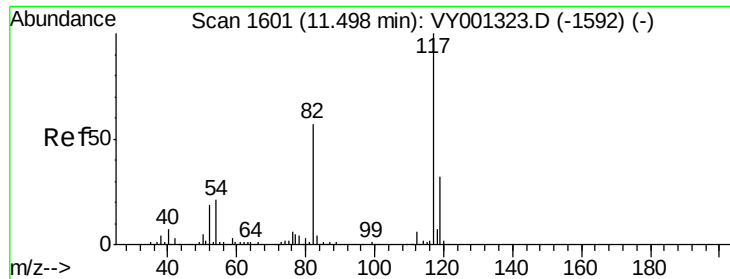
20000

0

12.40 12.50

Time-->

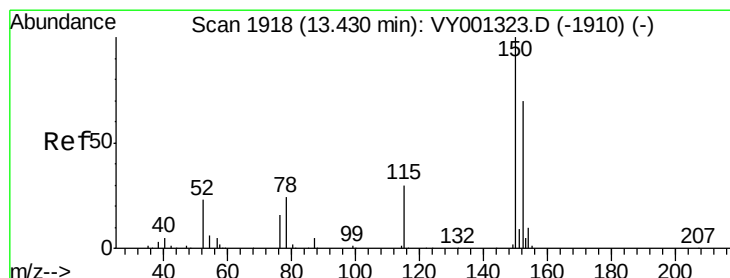
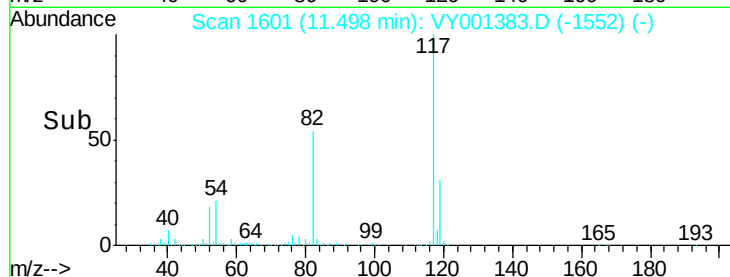
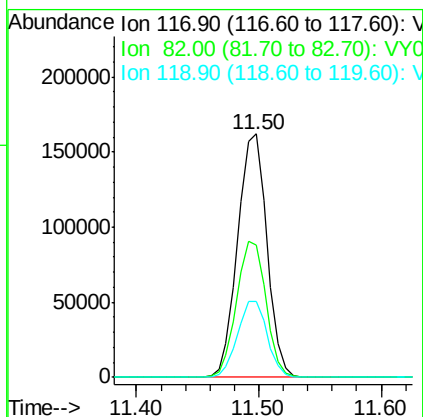
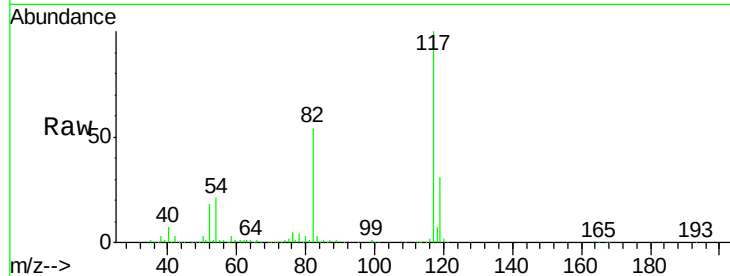




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY001383.D
Acq: 24 Jan 2020 15:34

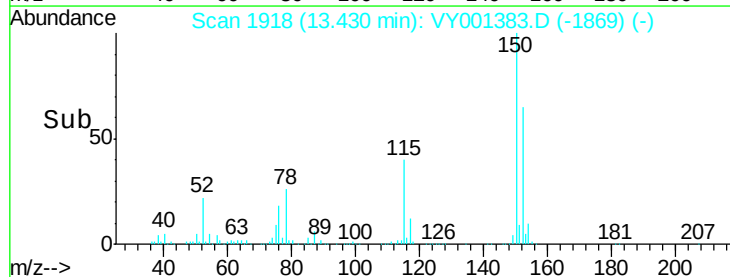
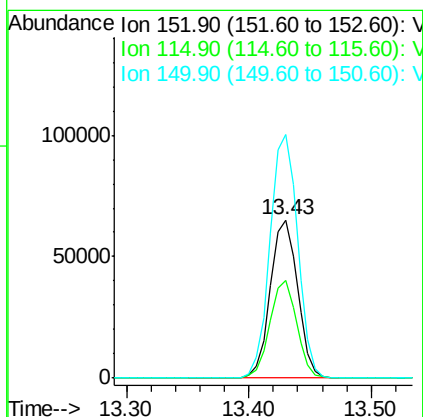
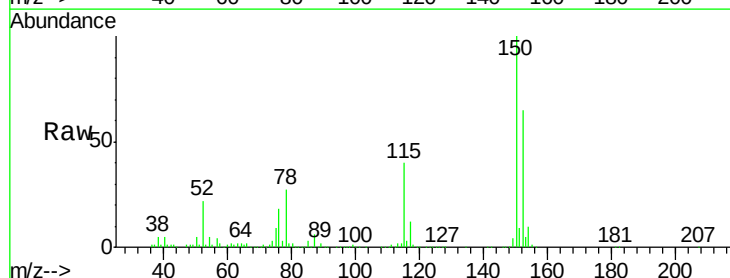
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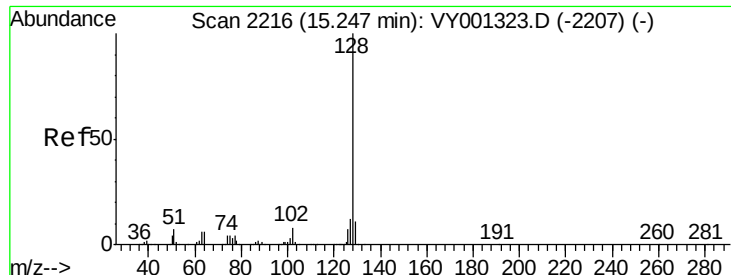
Tot Ion:117 Resp: 268136
Ion Ratio Lower Upper
117 100
82 54.3 45.5 68.3
119 31.1 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VY001383.D
Acq: 24 Jan 2020 15:34

Tgt Ion:152 Resp: 101062
Ion Ratio Lower Upper
152 100
115 60.8 30.9 92.8
150 155.9 0.0 349.2





#95

Naphthalene

Concen: 68.436 ug/l

RT: 15.24 min Scan# 2215

Delta R.T. -0.01 min

Lab File: VY001383.D

Acq: 24 Jan 2020 15:34

Instrument :

MSVOA_Y

ClientSampleId :

20200056-COMPOSITE-2

Tot Ion:128 Resp: 329492

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.2

129 10.9 8.7 13.1

