

Data Path : Z:\voasrv\HPCHEM1\MSVOA Y\Data\vv070620\
 Data File : VY003113.D
 Acq On : 06 Jul 2020 15:13
 Operator : SY/MD
 Sample : L3217-05
 Misc : 5.13G/5ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 E3-41-BOILER-ROOM

Quant Time: Jul 14 14:08:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

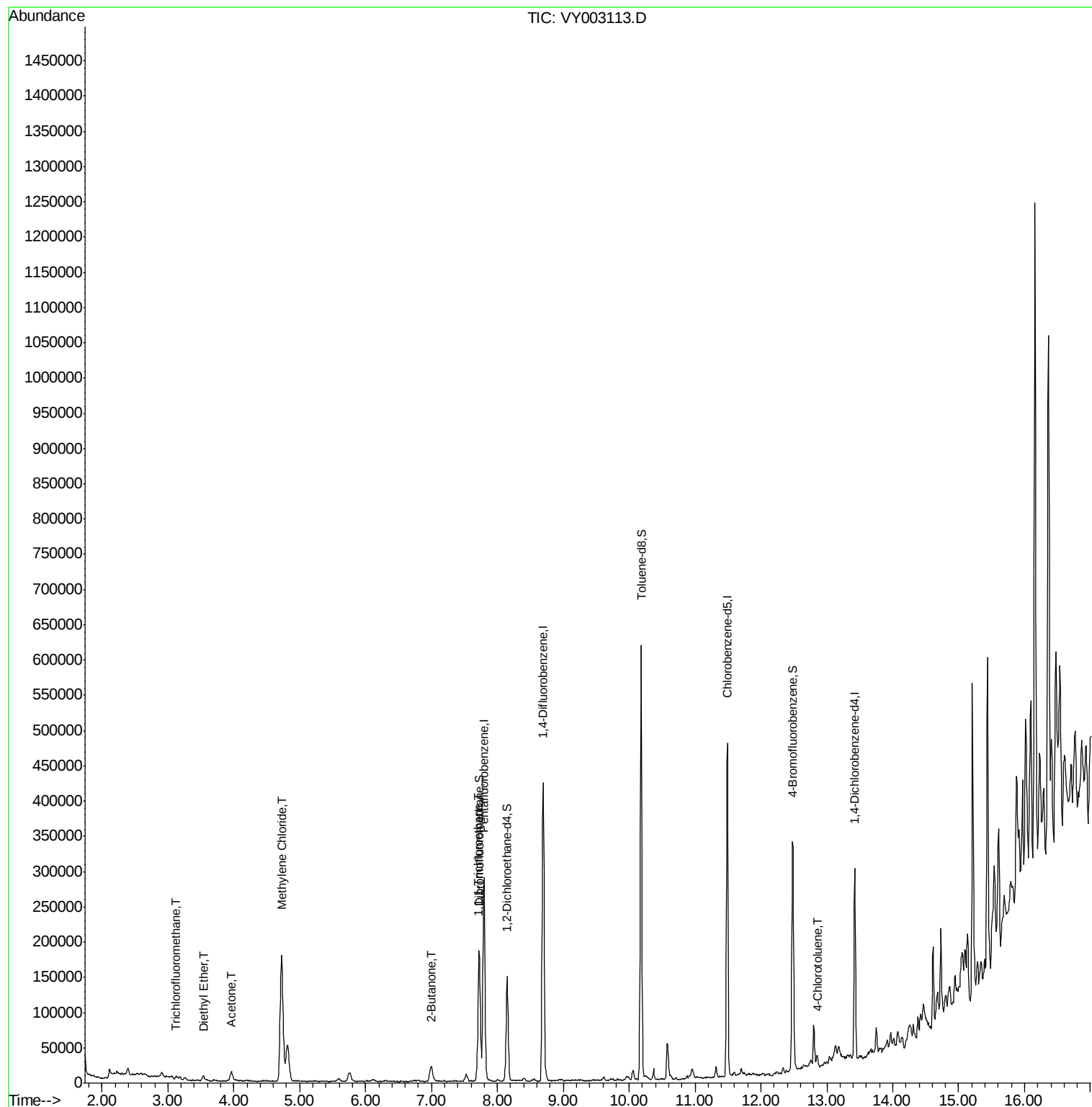
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	231277	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	362865	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	262072	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	68814	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	115296	50.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.38%	
35) Dibromofluoromethane	7.72	113	119162	52.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.28%	
50) Toluene-d8	10.18	98	402887	47.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.56%	
62) 4-Bromofluorobenzene	12.48	95	86457	29.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	58.26%	
Target Compounds						
7) Trichlorofluoromethane	3.13	101	5678	1.608	ug/l	96
8) Diethyl Ether	3.54	74	3864	3.192	ug/l	89
16) Acetone	3.96	43	24913	45.986	ug/l #	87
20) Methylene Chloride	4.72	84	141920	60.115	ug/l	93
25) 2-Butanone	7.00	43	10640	12.364	ug/l	99
32) 1,1,1-Trichloroethane	7.71	97	19120	5.156	ug/l	98
82) 4-Chlorotoluene	12.85	91	6615	2.102	ug/l	85

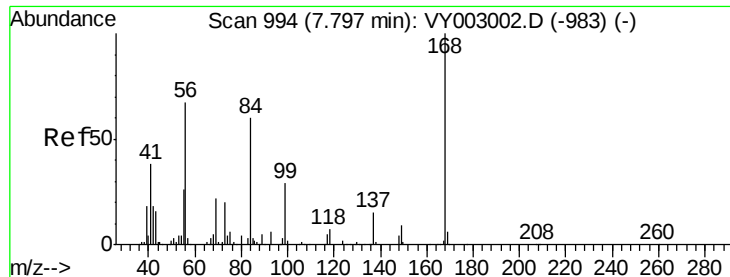
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY003113.D

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Instrument :

MSVOA_Y

ClientSampleId :

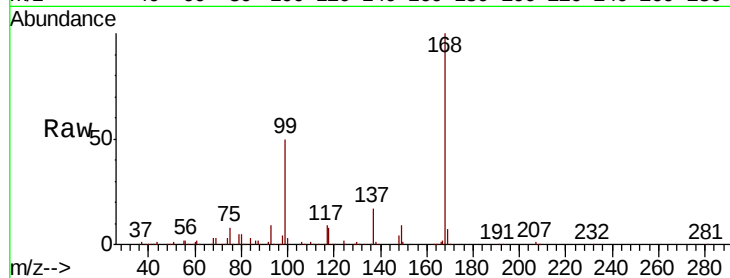
E3-41-BOILER-ROOM

Tot Ion:168 Resp: 231277

Ion Ratio Lower Upper

168 100

99 50.2 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VY0

120000

100000

80000

60000

40000

20000

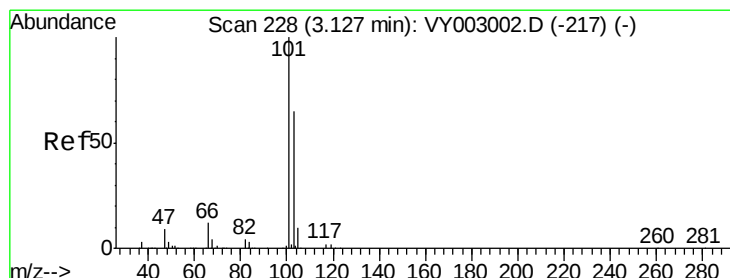
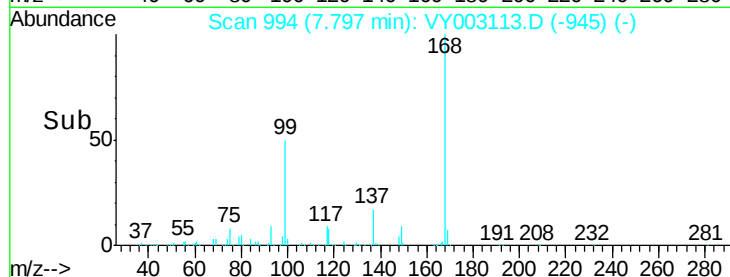
0

7.70

7.80

7.90

Time-->



#7

Trichlorofluoromethane

Concen: 1.608 ug/l

RT: 3.13 min Scan# 228

Delta R.T. -0.00 min

Lab File: VY003113.D

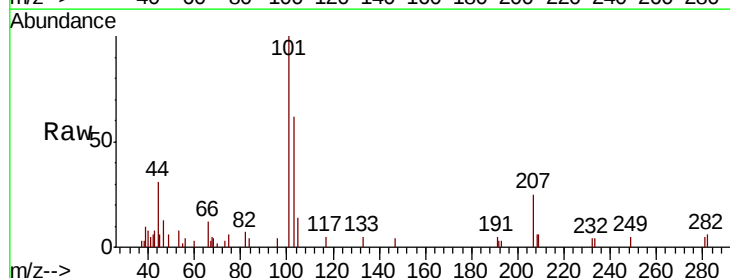
Acq: 06 Jul 2020 15:13

Tgt Ion:101 Resp: 5678

Ion Ratio Lower Upper

101 100

103 61.5 51.6 77.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

3000

2500

2000

1500

1000

500

0

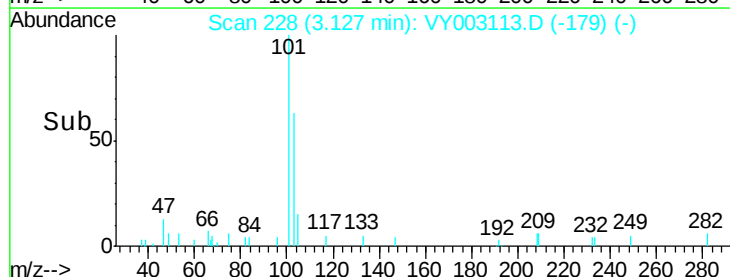
3.05

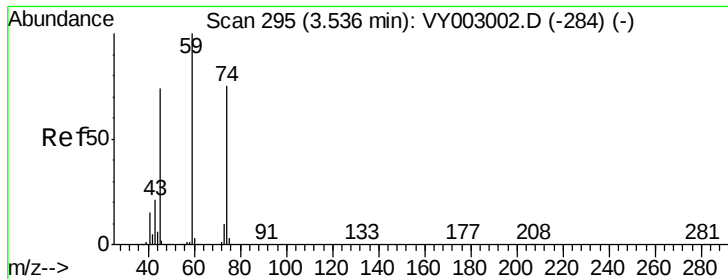
3.10

3.15

3.20

Time-->





#8

Diethyl Ether

Concen: 3.192 ug/l

RT: 3.54 min Scan# 296

Delta R.T. 0.01 min

Lab File: VY003113.D

Acq: 06 Jul 2020 15:13

Instrument :

MSVOA_Y

ClientSampleId :

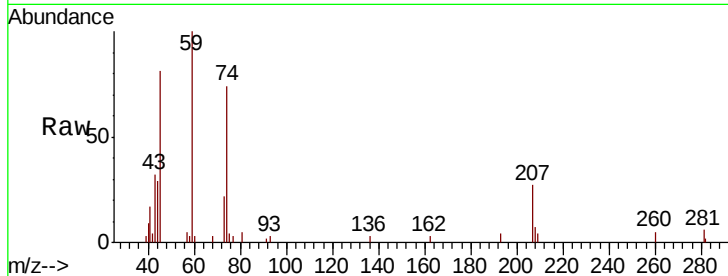
E3-41-BOILER-ROOM

Tot Ion: 74 Resp: 3864

Ion Ratio Lower Upper

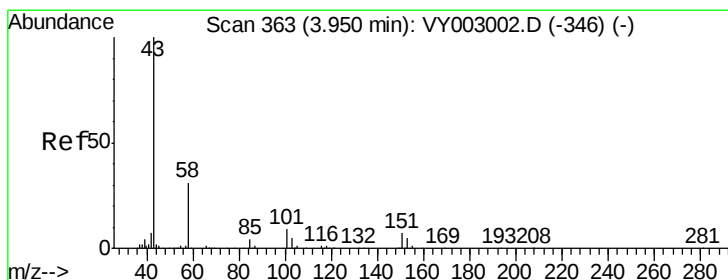
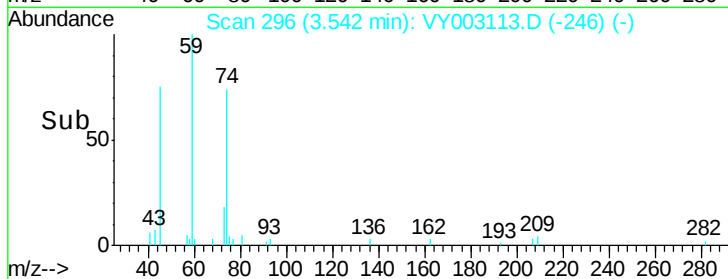
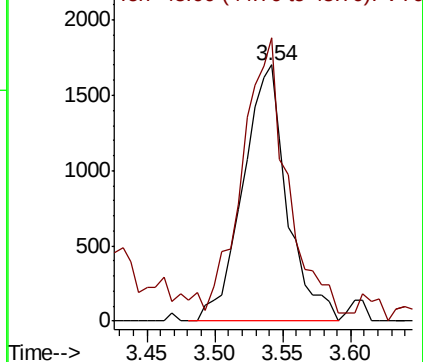
74 100

45 109.7 49.3 147.9



Abundance Ion 74.00 (73.70 to 74.70): VY0

Ion 45.00 (44.70 to 45.70): VY0



#16

Acetone

Concen: 45.986 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY003113.D

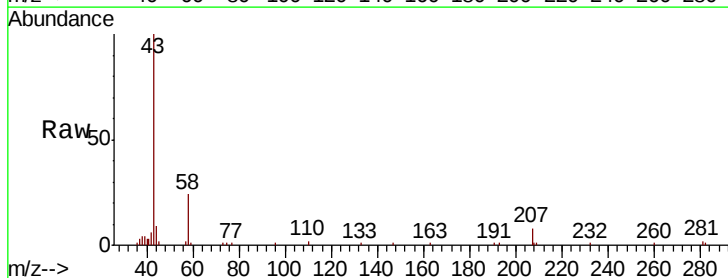
Acq: 06 Jul 2020 15:13

Tgt Ion: 43 Resp: 24913

Ion Ratio Lower Upper

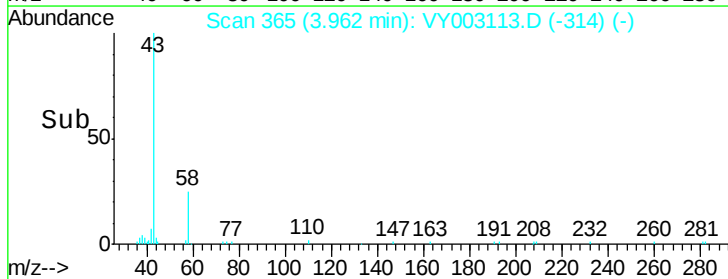
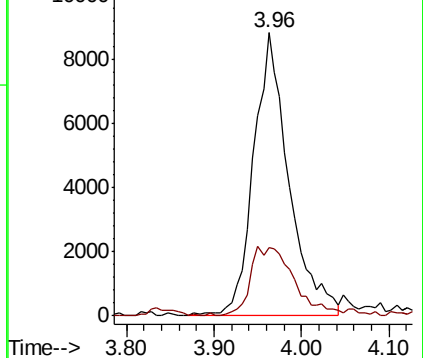
43 100

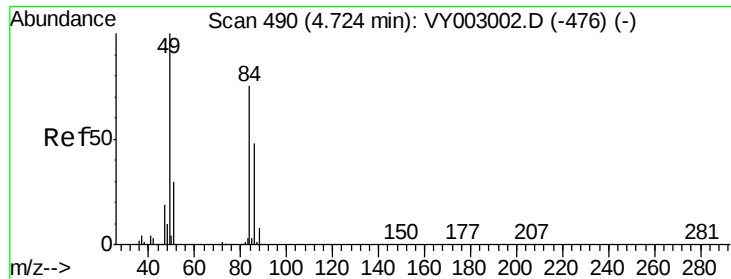
58 23.6 24.7 37.1#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

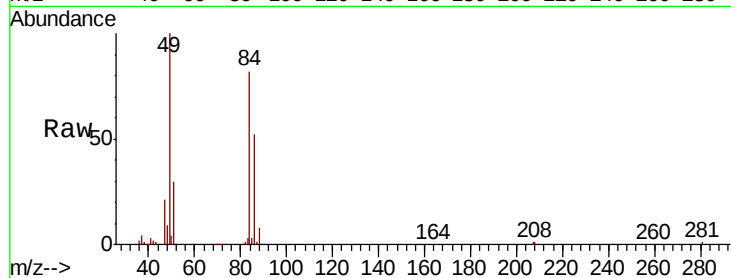




#20
Methvlene Chloride
Concen: 60.115 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003113.D
Acq: 06 Jul 2020 15:13

Instrument :
MSVOA_Y
ClientSampleId :
E3-41-BOILER-ROOM

Tot Ion: 84 Resp: 141920
Ion Ratio Lower Upper
84 100
49 121.4 106.8 160.2
51 36.7 32.0 48.0
86 63.2 51.4 77.2



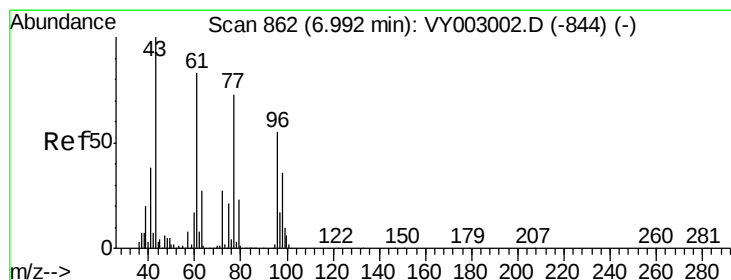
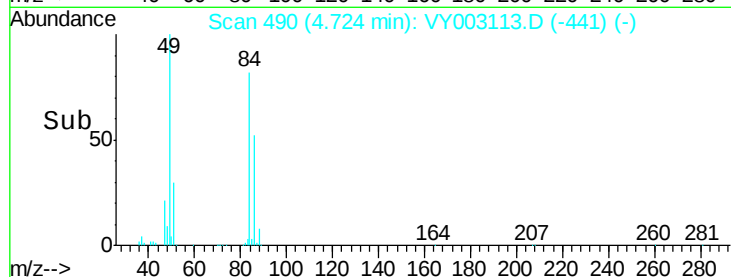
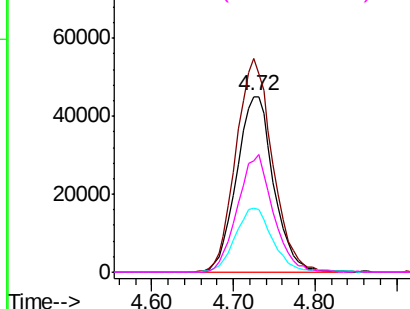
Abundance

Ion 83.90 (83.60 to 84.60): VY0

Ion 48.90 (48.60 to 49.60): VY0

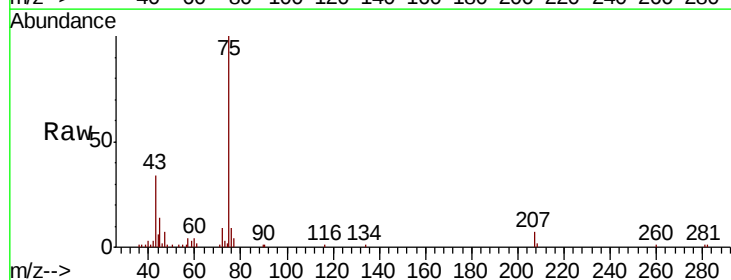
Ion 50.90 (50.60 to 51.60): VY0

Ion 85.90 (85.60 to 86.60): VY0



#25
2-Butanone
Concen: 12.364 ug/l
RT: 7.00 min Scan# 864
Delta R.T. 0.01 min
Lab File: VY003113.D
Acq: 06 Jul 2020 15:13

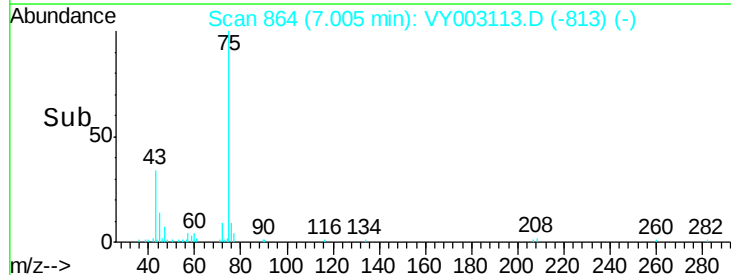
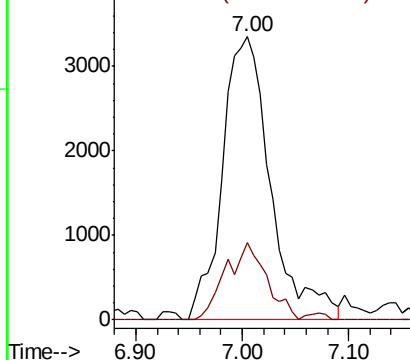
Tgt Ion: 43 Resp: 10640
Ion Ratio Lower Upper
43 100
72 27.5 21.4 32.0

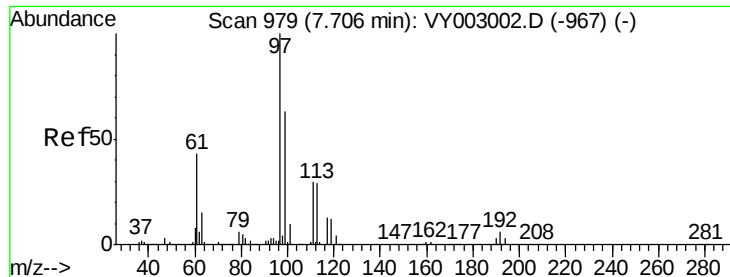


Abundance

Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

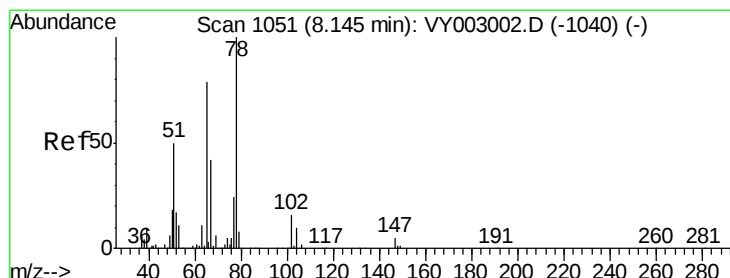
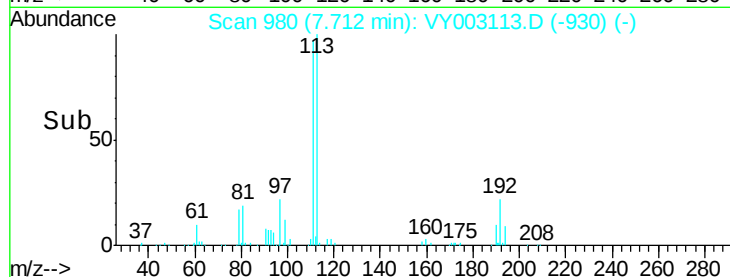
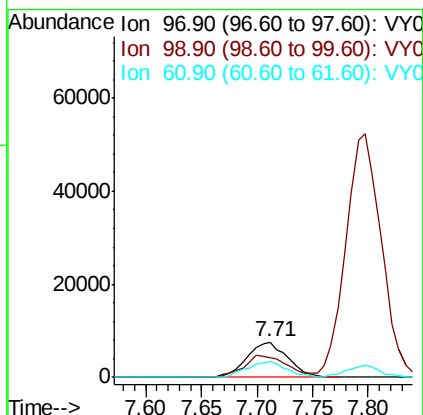
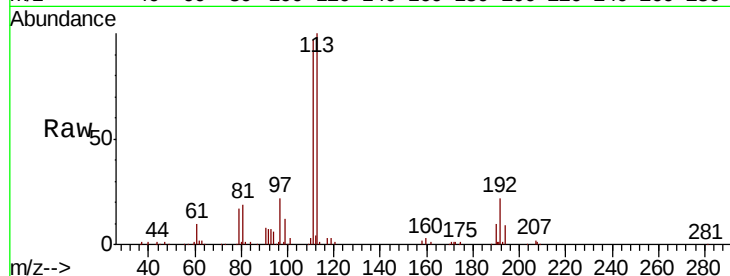




#32
 1,1,1-Trichloroethane
 Concen: 5.156 ug/l
 RT: 7.71 min Scan# 980
 Delta R.T. 0.01 min
 Lab File: VY003113.D
 Acq: 06 Jul 2020 15:13

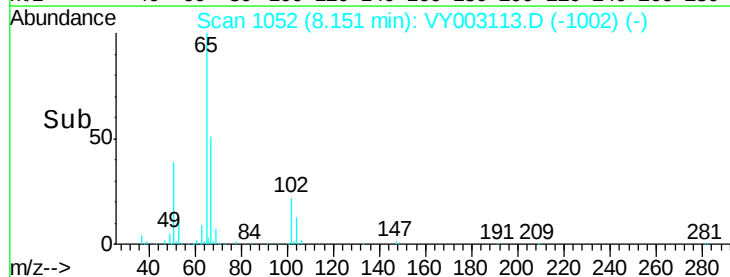
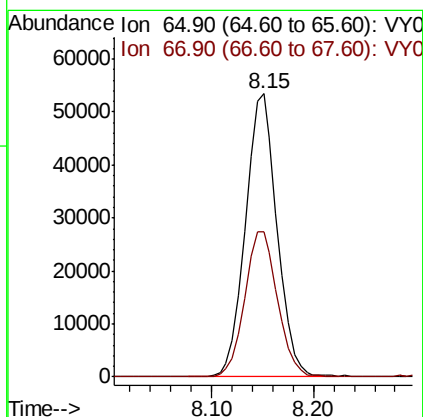
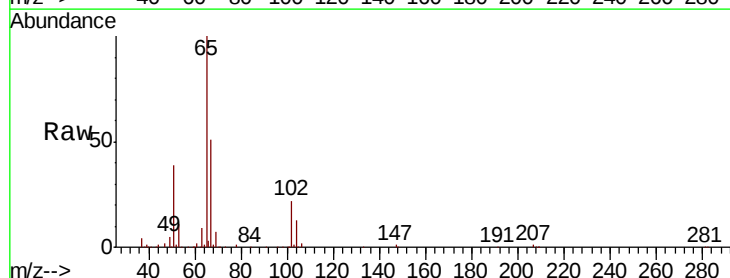
Instrument :
 MSVOA_Y
 ClientSampleId :
 E3-41-BOILER-ROOM

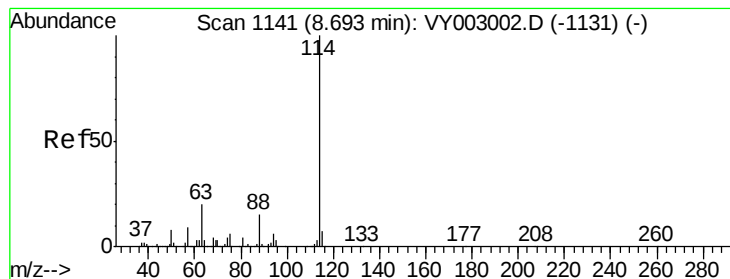
Tot Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.4	77.2
61	45.1	33.9	50.9



#33
 1,2-Dichloroethane-d4
 Concen: 50.193 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003113.D
 Acq: 06 Jul 2020 15:13

Tgt Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. 0.00 min

Lab File: VY003113.D

Acq: 06 Jul 2020 15:13

Instrument :

MSVOA_Y

ClientSampleId :

E3-41-BOILER-ROOM

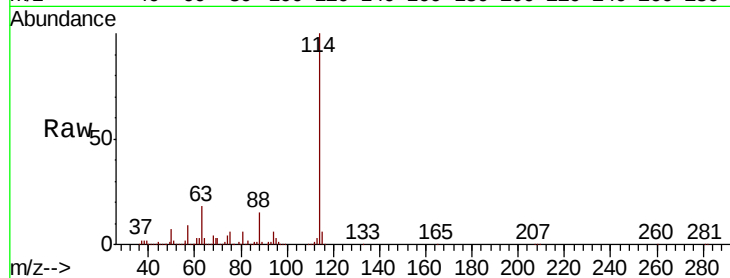
Tot Ion:114 Resp: 362865

Ion Ratio Lower Upper

114 100

63 18.2 0.0 40.6

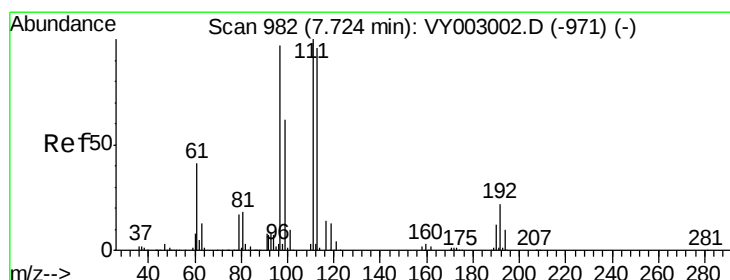
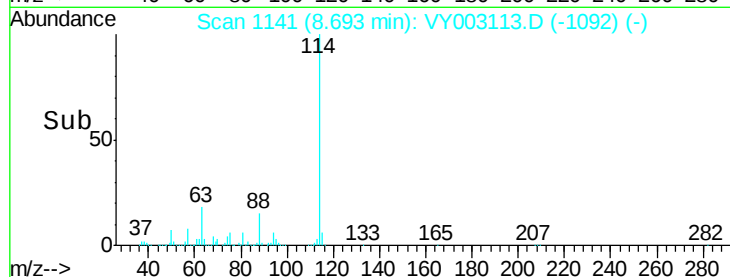
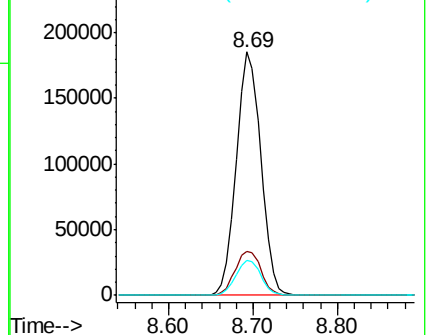
88 14.5 0.0 30.0



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: 52.642 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY003113.D

Acq: 06 Jul 2020 15:13

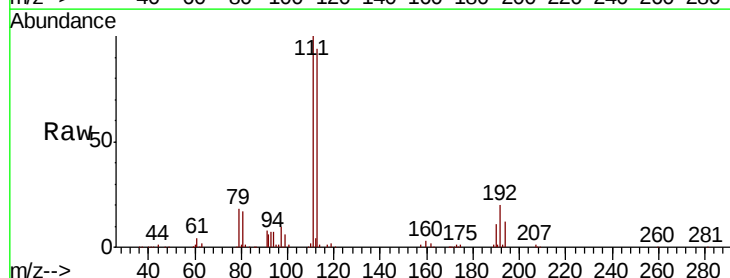
Tgt Ion:113 Resp: 119162

Ion Ratio Lower Upper

113 100

111 102.7 82.6 123.8

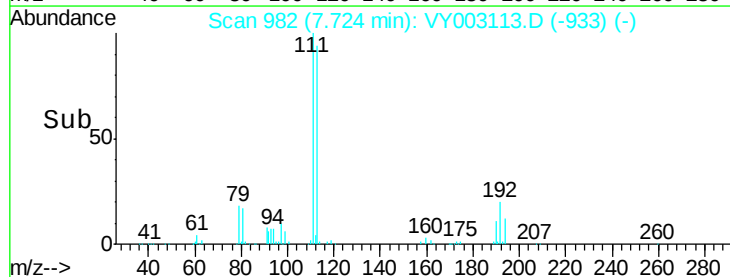
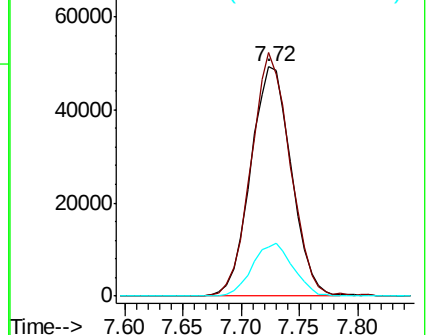
192 23.2 18.1 27.1

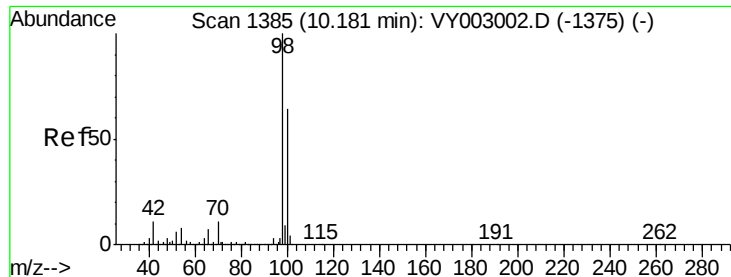


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 47.775 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003113.D

Acq: 06 Jul 2020 15:13

Instrument :

MSVOA_Y

ClientSampleId :

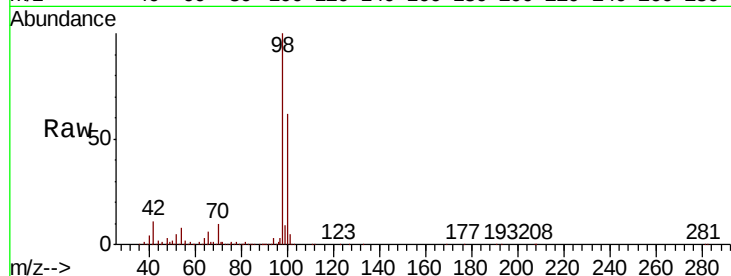
E3-41-BOILER-ROOM

Tot Ion: 98 Resp: 402887

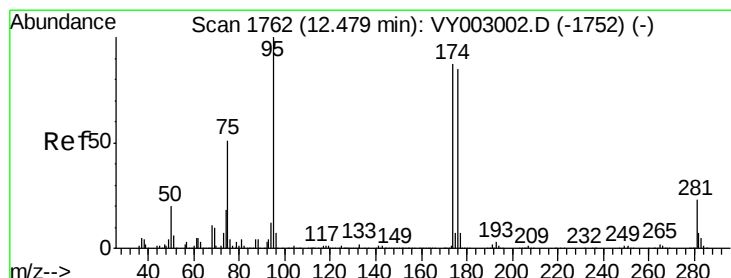
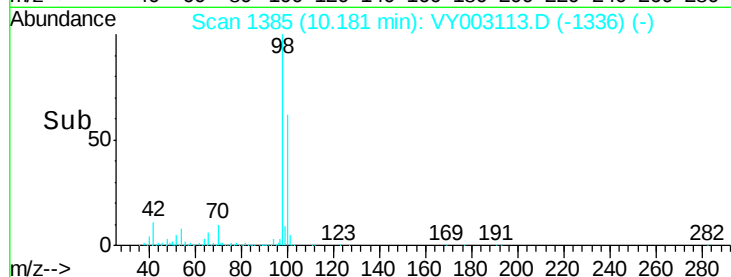
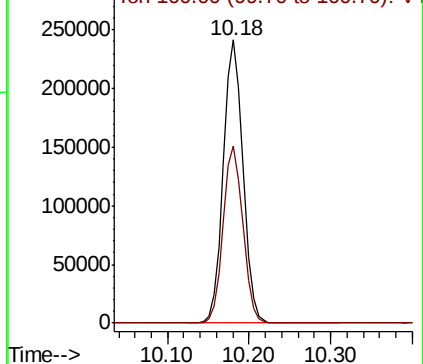
Ion Ratio Lower Upper

98 100

100 62.8 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VY003113.D (-1336) (-)



#62

4-Bromofluorobenzene

Concen: 29.126 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003113.D

Acq: 06 Jul 2020 15:13

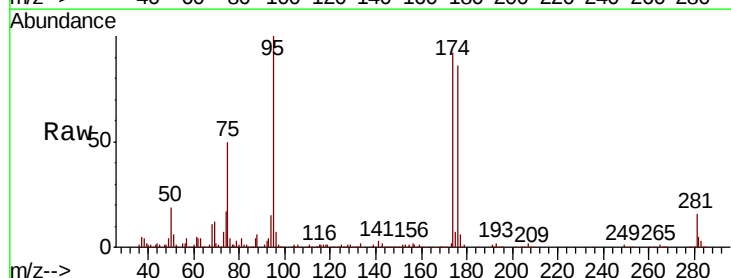
Tgt Ion: 95 Resp: 86457

Ion Ratio Lower Upper

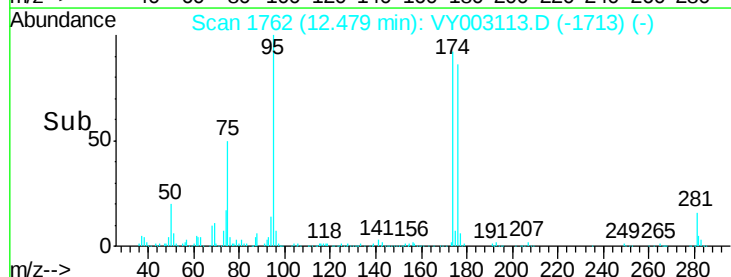
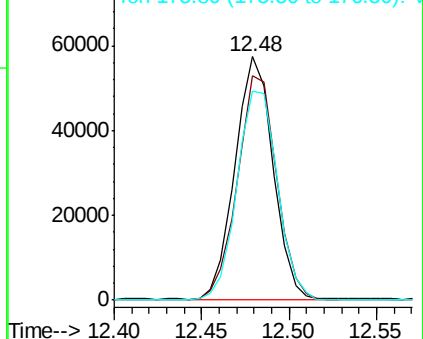
95 100

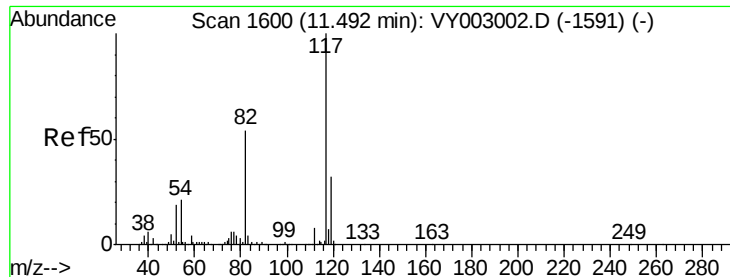
174 95.8 0.0 184.8

176 92.2 0.0 183.0



Abundance Ion 94.90 (94.60 to 95.60): VY003113.D (-1713) (-)

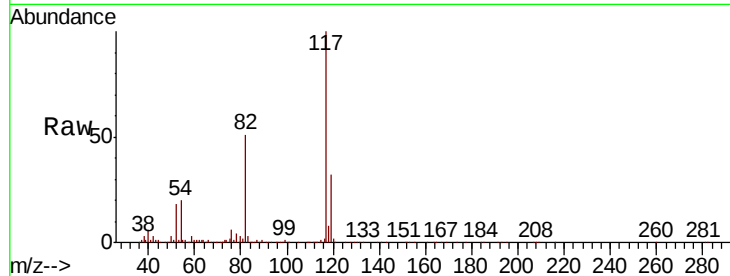




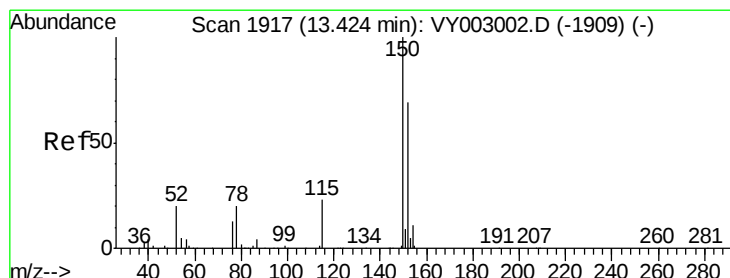
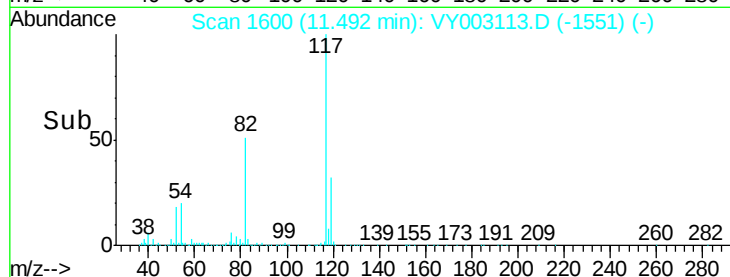
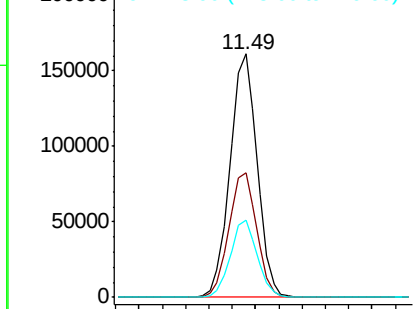
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003113.D
Acq: 06 Jul 2020 15:13

Instrument :
MSVOA_Y
ClientSampleId :
E3-41-BOILER-ROOM

Tot Ion:117 Resp: 262072
Ion Ratio Lower Upper
117 100
82 50.9 43.0 64.6
119 31.5 25.8 38.8

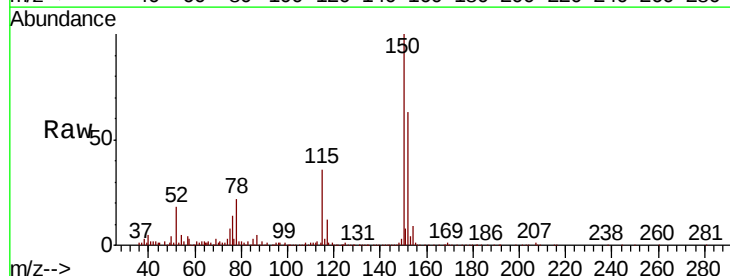


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

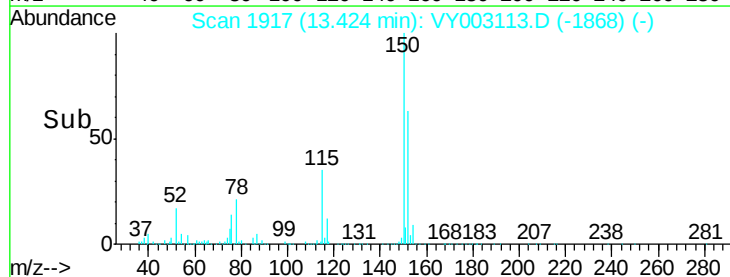
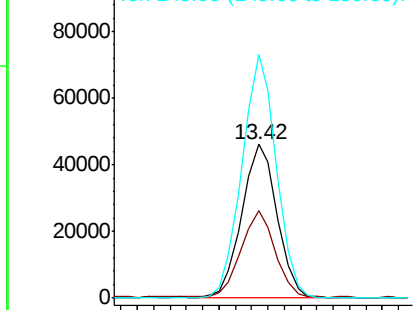


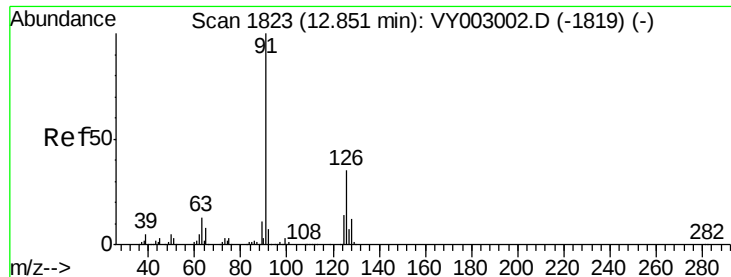
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003113.D
Acq: 06 Jul 2020 15:13

Tgt Ion:152 Resp: 68814
Ion Ratio Lower Upper
152 100
115 54.2 27.3 81.9
150 156.2 0.0 343.4



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





#82
 4-Chlorotoluene
 Concen: 2.102 ug/l
 RT: 12.85 min Scan# 1823
 Delta R.T. -0.00 min
 Lab File: VY003113.D
 Acq: 06 Jul 2020 15:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 E3-41-BOILER-ROOM

Tot Ion: 91 Resp: 6615
 Ion Ratio Lower Upper
 91 100
 126 43.8 17.4 52.3

