

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110320\
 Data File : VY003487.D
 Acq On : 03 Nov 2020 13:16
 Operator : SY/MD
 Sample : L4541-05RE
 Misc : 5.27G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 124036RE

Quant Time: Nov 04 00:39:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y110220S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 02 12:40:51 2020
 Response via : Initial Calibration

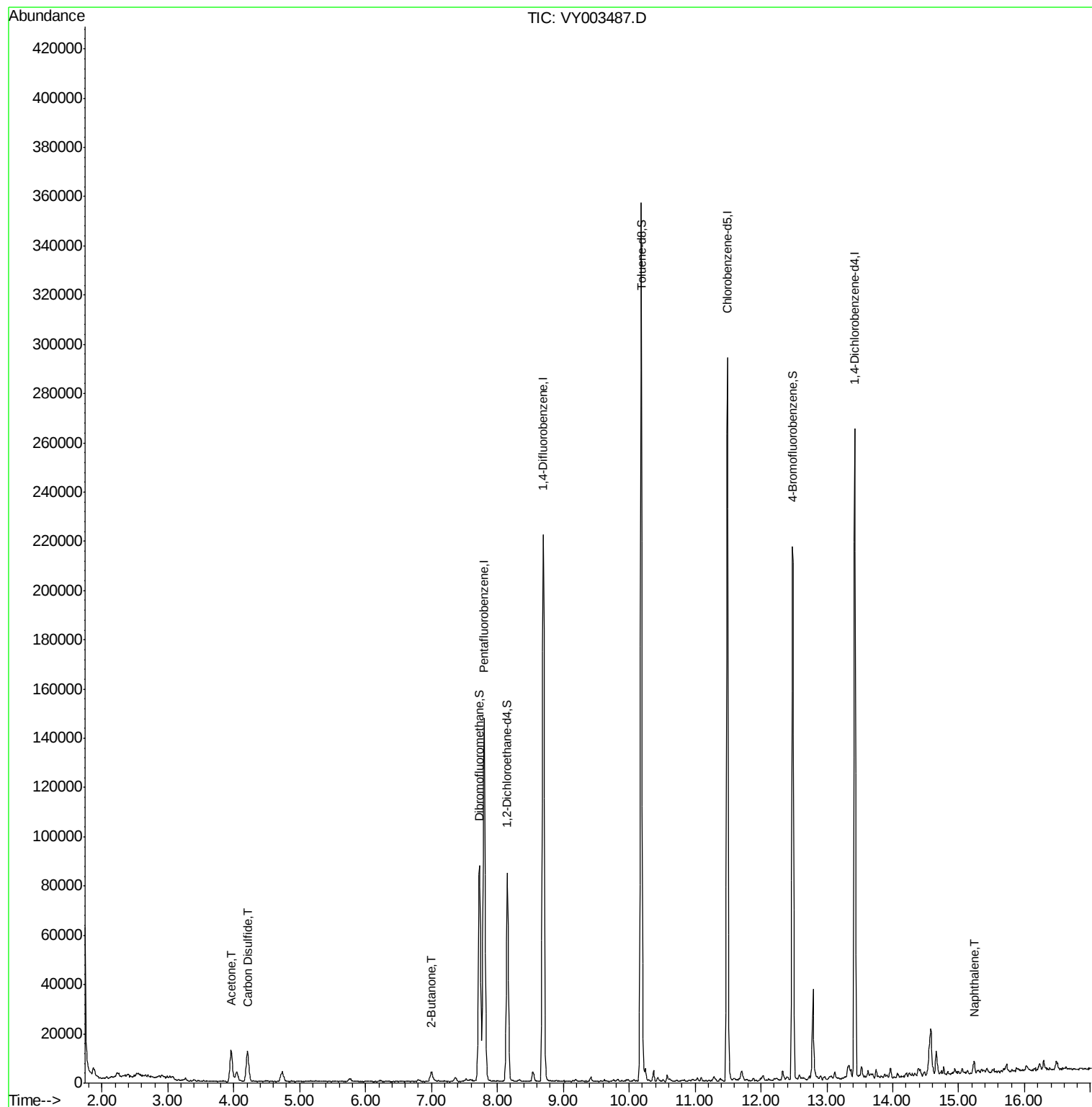
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	120424	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	193056	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	157657	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	67087	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	67096	54.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.70%	
35) Dibromofluoromethane	7.73	113	60758	51.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.44%	
50) Toluene-d8	10.18	98	226620	46.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.74%	
62) 4-Bromofluorobenzene	12.48	95	62923	38.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.72%	
Target Compounds						
16) Acetone	3.96	43	22018	54.063	ug/l	96
17) Carbon Disulfide	4.21	76	23952	7.523	ug/l	100
25) 2-Butanone	7.00	43	5088	9.989	ug/l #	86
95) Naphthalene	15.23	128	3667	1.405	ug/l #	95

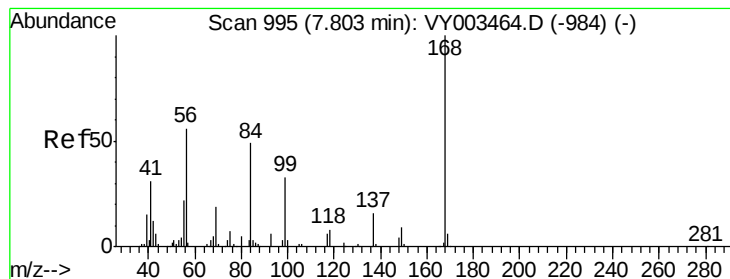
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.00 min

Lab File: VY003487.D

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Instrument :

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ClientSampleId :

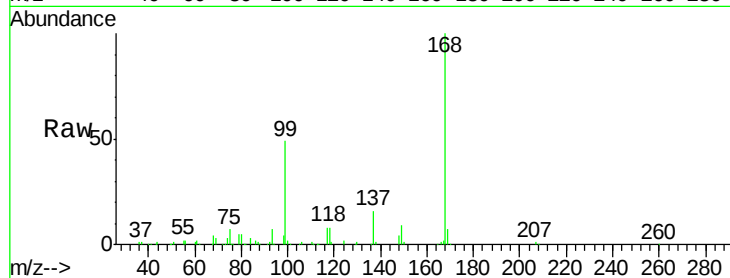
124036RE

Tot Ion:168 Resp: 120424

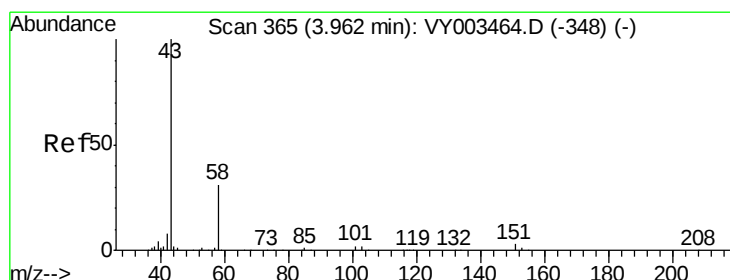
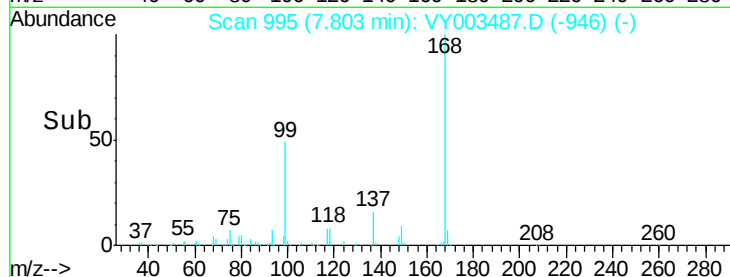
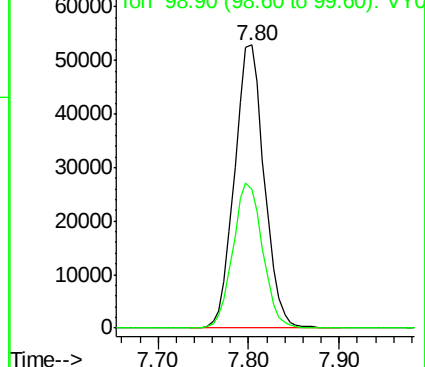
Ion Ratio Lower Upper

168 100

99 49.2 39.7 59.5



Abundance Ion 167.90 (167.60 to 168.60): VY003487.D (-946) (-)



#16

Acetone

Concen: 54.063 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.01 min

Lab File: VY003487.D

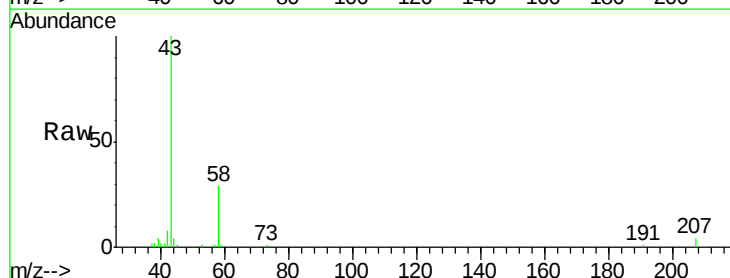
Acq: 03 Nov 2020 13:16

Tgt Ion: 43 Resp: 22018

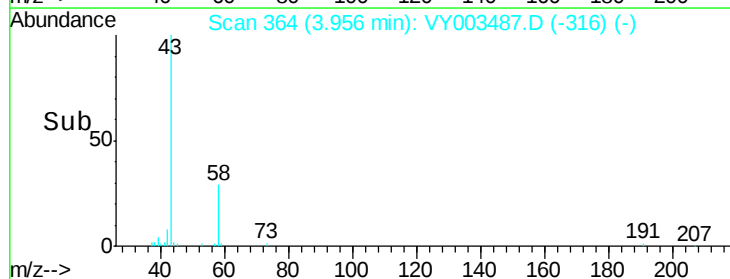
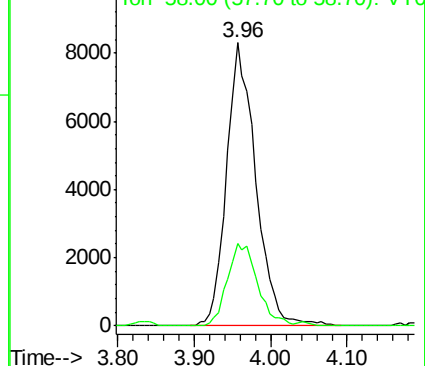
Ion Ratio Lower Upper

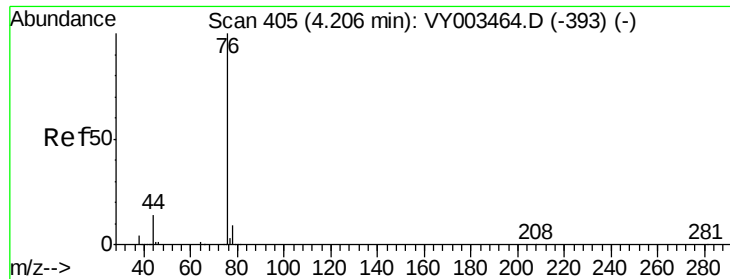
43 100

58 29.2 25.0 37.4



Abundance Ion 43.00 (42.70 to 43.70): VY003487.D (-316) (-)





#17

Carbon Disulfide

Concen: 7.523 ug/l

RT: 4.21 min Scan# 405

Delta R.T. 0.00 min

Lab File: VY003487.D

Acq: 03 Nov 2020 13:16

Instrument :

MSVOA_Y

ClientSampleId :

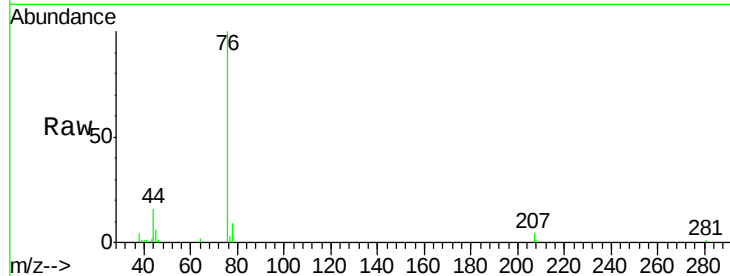
124036RE

Tot Ion: 76 Resp: 23952

Ion Ratio Lower Upper

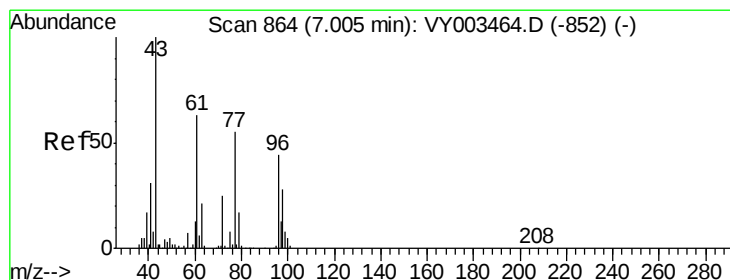
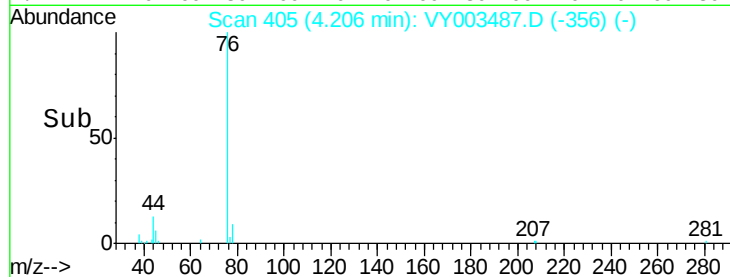
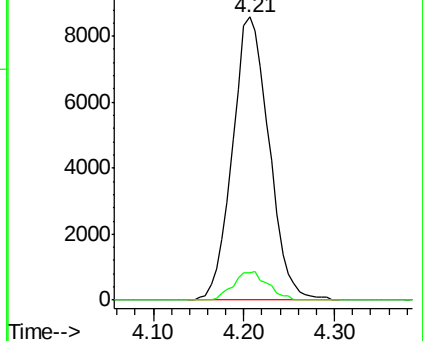
76 100

78 9.5 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#25

2-Butanone

Concen: 9.989 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.01 min

Lab File: VY003487.D

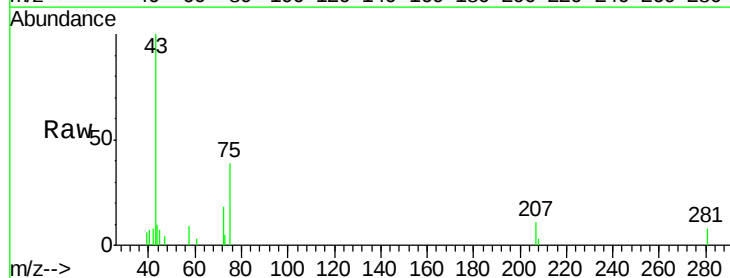
Acq: 03 Nov 2020 13:16

Tgt Ion: 43 Resp: 5088

Ion Ratio Lower Upper

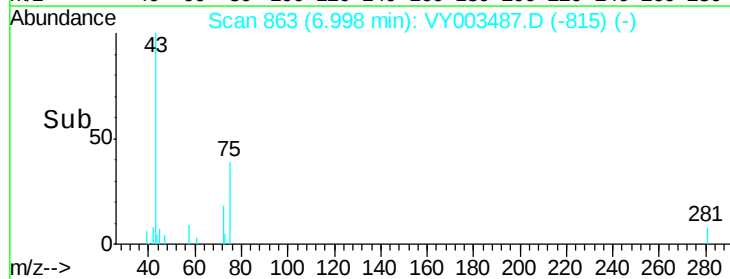
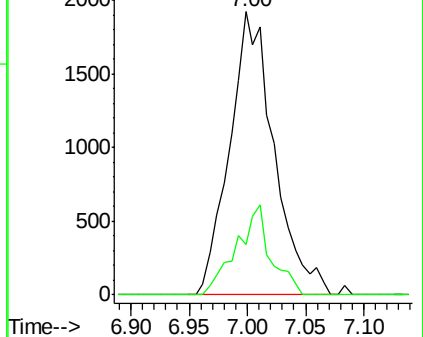
43 100

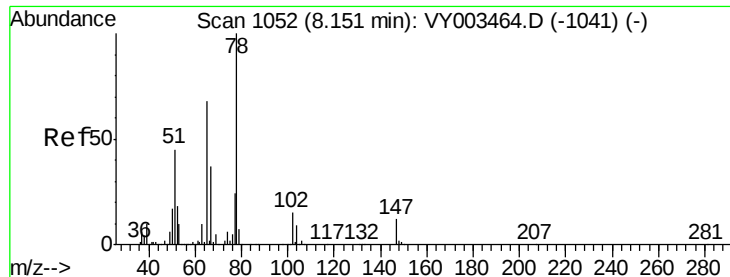
72 18.0 20.1 30.1#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

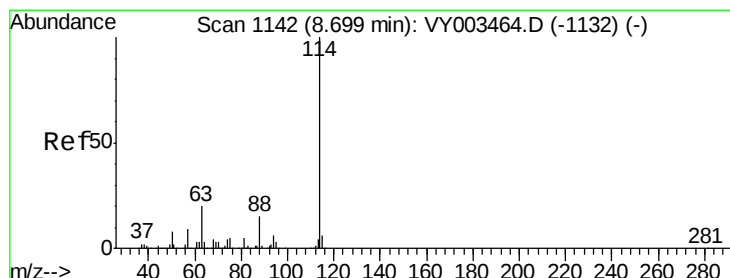
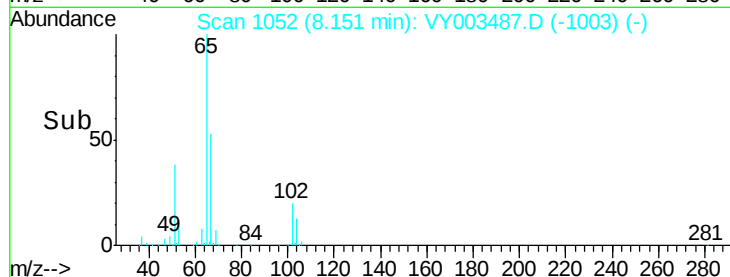
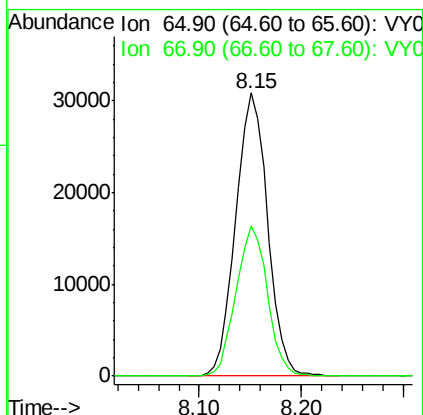
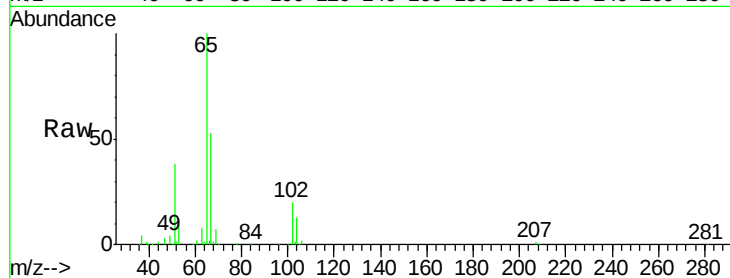




#33
 1,2-Dichloroethane-d4
 Concen: 54.348 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY003487.D
 Acq: 03 Nov 2020 13:16

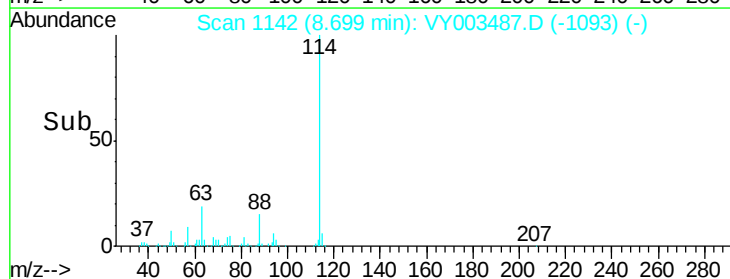
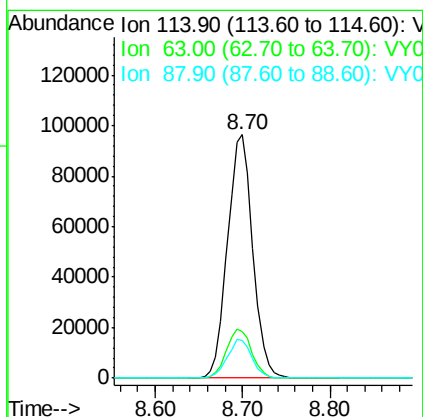
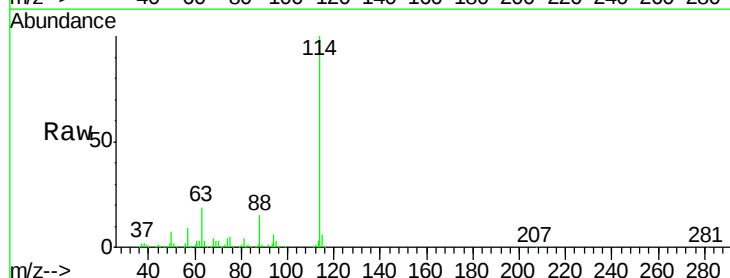
Instrument :
 MSVOA_Y
 ClientSampleId :
 124036RE

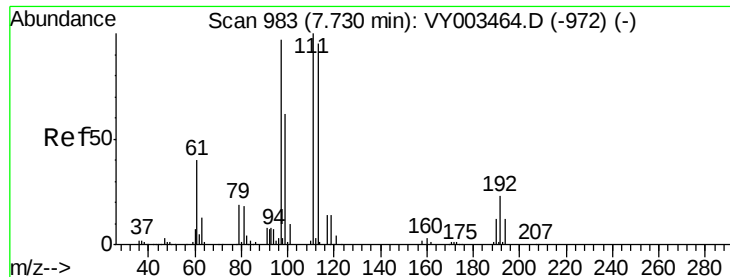
Tot Ion: 65 Resp: 67096
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.00 min
 Lab File: VY003487.D
 Acq: 03 Nov 2020 13:16

Tgt Ion: 114 Resp: 193056
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 40.6
 88 15.3 0.0 29.4

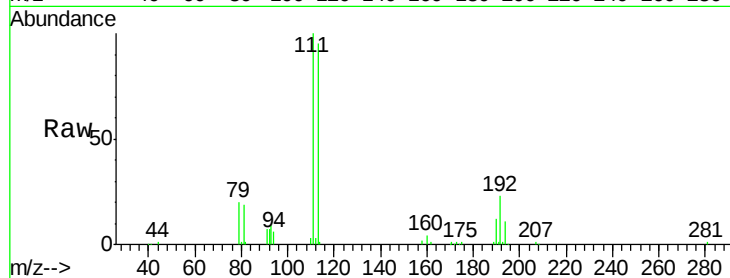




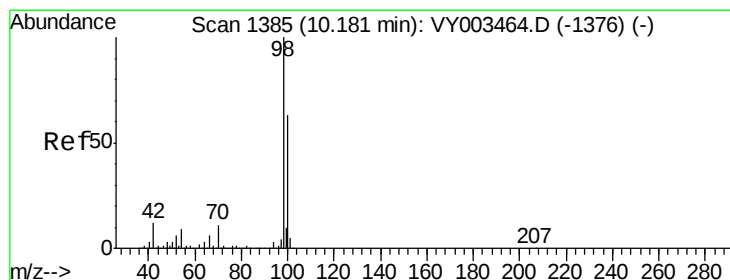
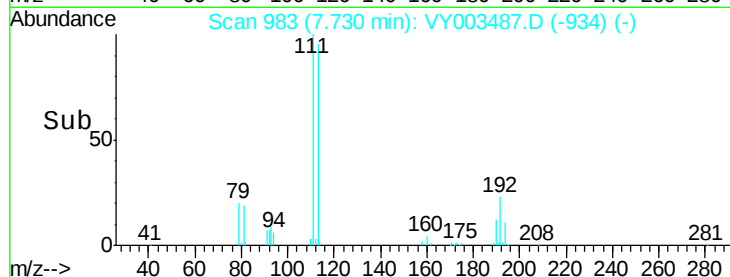
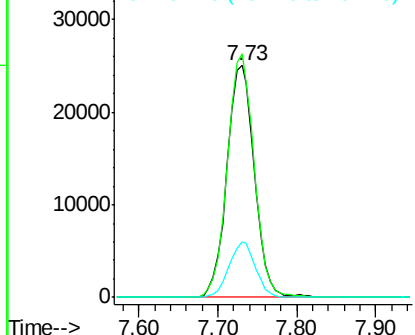
#35
Dibromofluoromethane
Concen: 51.718 ug/l
RT: 7.73 min Scan# 983
Delta R.T. 0.00 min
Lab File: VY003487.D
Acq: 03 Nov 2020 13:16

Instrument :
MSVOA_Y
ClientSampleId :
124036RE

Tot Ion:113 Resp: 60758
Ion Ratio Lower Upper
113 100
111 102.3 81.8 122.6
192 22.9 18.8 28.2

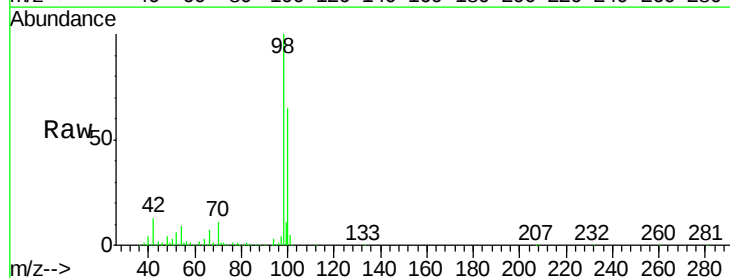


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

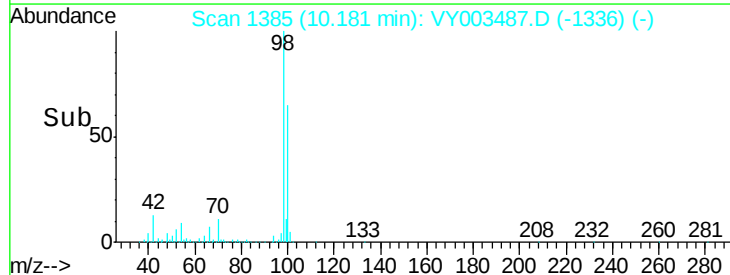
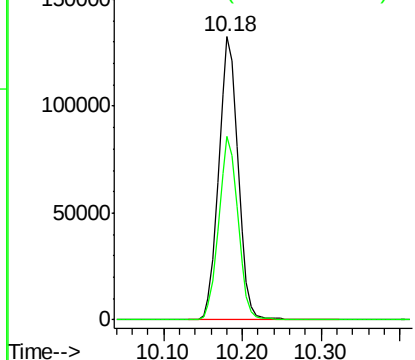


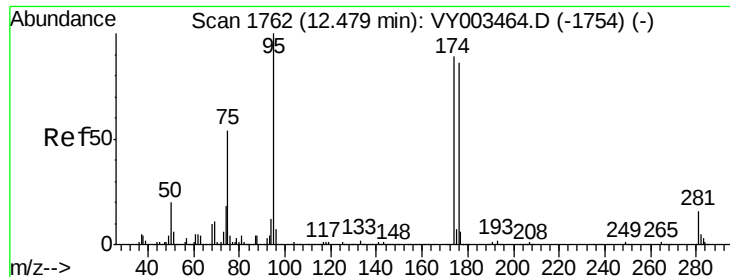
#50
Toluene-d8
Concen: 46.370 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY003487.D
Acq: 03 Nov 2020 13:16

Tgt Ion: 98 Resp: 226620
Ion Ratio Lower Upper
98 100
100 64.3 50.9 76.3



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

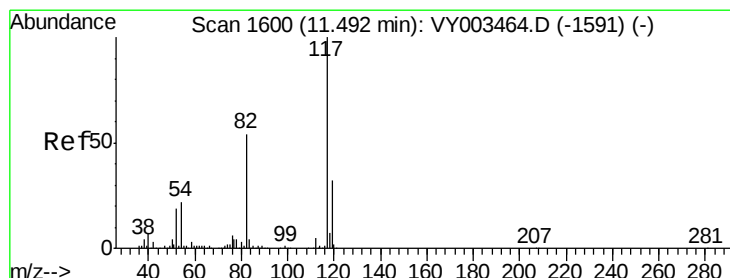
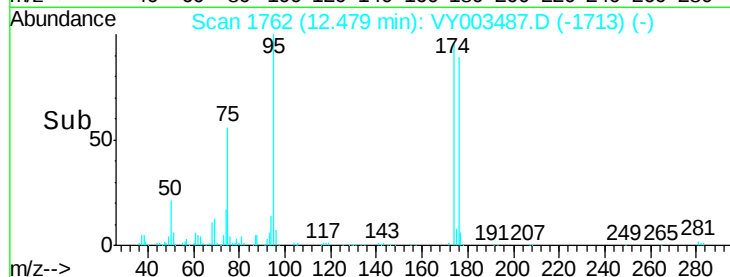
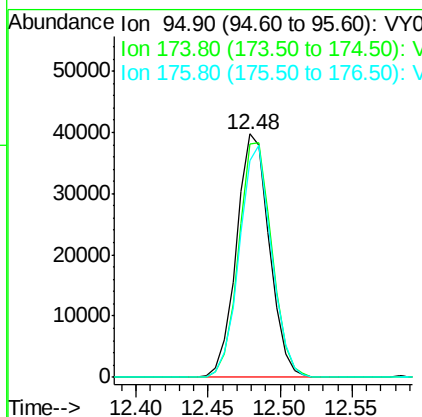
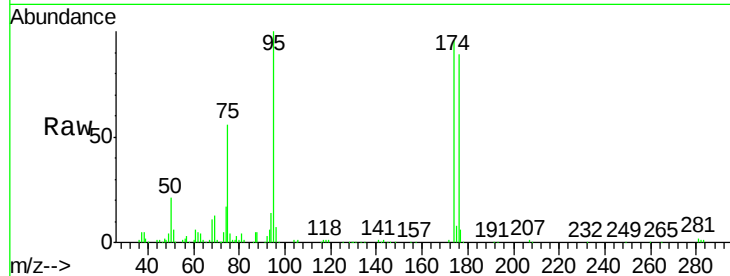




#62
4-Bromofluorobenzene
Concen: 38.858 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY003487.D
Acq: 03 Nov 2020 13:16

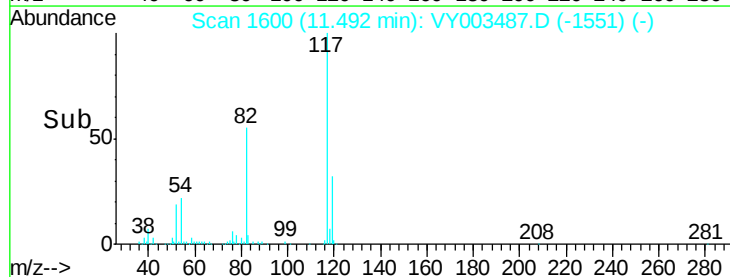
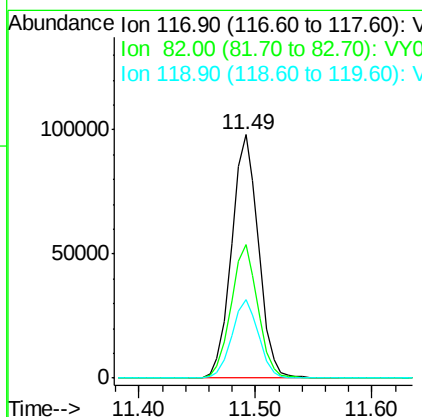
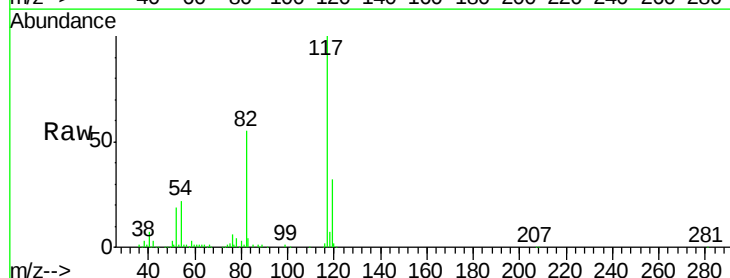
Instrument :
MSVOA_Y
ClientSampleId :
124036RE

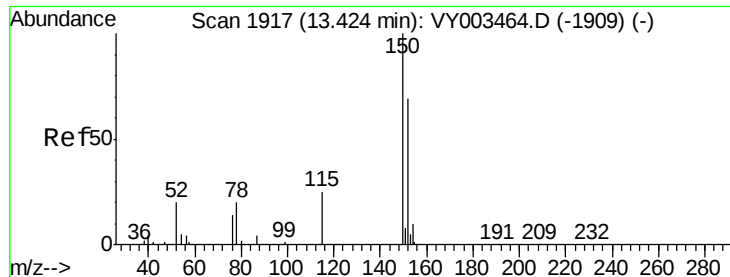
Tot Ion: 95 Resp: 62923
Ion Ratio Lower Upper
95 100
174 97.0 0.0 193.0
176 92.9 0.0 187.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003487.D
Acq: 03 Nov 2020 13:16

Tgt Ion: 117 Resp: 157657
Ion Ratio Lower Upper
117 100
82 54.7 43.4 65.2
119 32.2 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY003487.D

Acq: 03 Nov 2020 13:16

Instrument :

MSVOA_Y

ClientSampleId :

124036RE

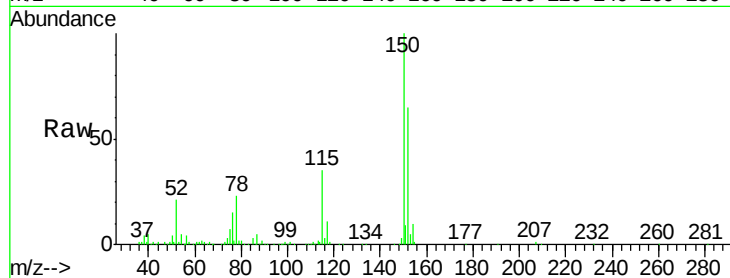
Tot Ion:152 Resp: 67087

Ion Ratio Lower Upper

152 100

115 54.5 27.5 82.4

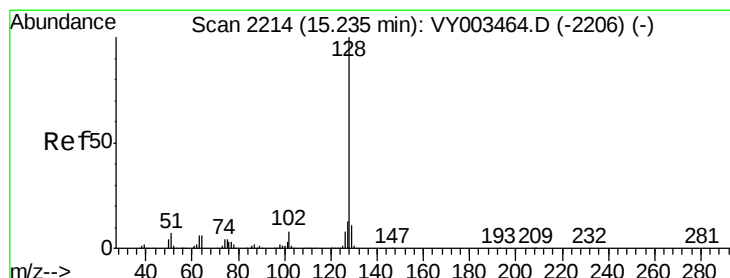
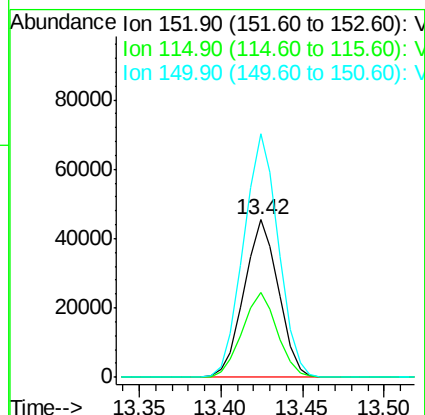
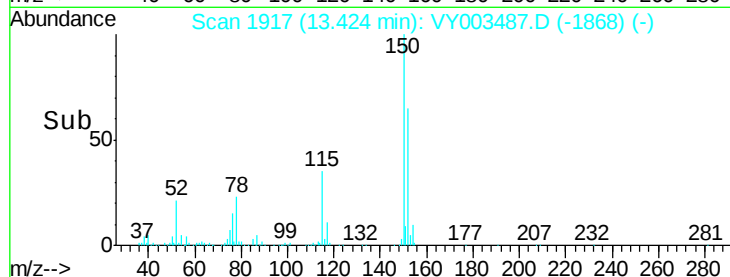
150 156.8 0.0 345.8



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



#95

Naphthalene

Concen: 1.405 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VY003487.D

Acq: 03 Nov 2020 13:16

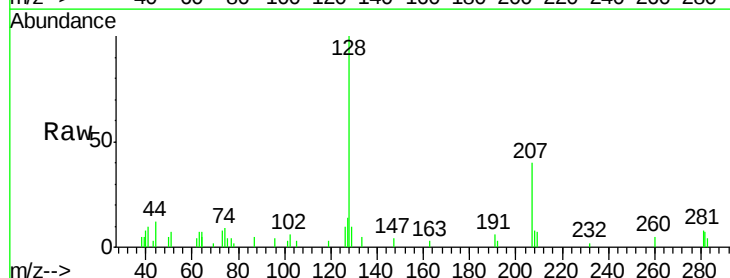
Tgt Ion:128 Resp: 3667

Ion Ratio Lower Upper

128 100

127 14.4 10.5 15.7

129 13.3 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

